

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114639.D
 Acq On : 29 May 2019 18:00
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Quant Time: May 29 18:31:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	367446	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1479091	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	731102	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1385876	20.00	ng	0.00
76) Chrysene-d12	13.82	240	862505	20.00	ng	0.00
87) Perylene-d12	15.21	264	1078452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1698261	81.15	ng	0.00
7) Phenol-d6	6.33	99	2055060	81.49	ng	0.00
23) Nitrobenzene-d5	7.26	82	1957980	82.59	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	580673	83.36	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3204225	81.71	ng	0.00
79) Terphenyl-d14	12.78	244	3615767	78.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	415586	41.379	ng	99
3) Pyridine	3.03	79	1205280	41.236	ng	99
4) n-Nitrosodimethylamine	2.99	42	478389	40.445	ng	98
6) Aniline	6.36	93	1550221	40.694	ng	100
8) 2-Chlorophenol	6.48	128	1005281	41.593	ng	99
9) Benzaldehyde	6.24	77	598335	43.458	ng	97
10) Phenol	6.34	94	1258406	41.305	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	962655	41.310	ng	99
12) 1,3-Dichlorobenzene	6.63	146	1129102	41.004	ng	97
13) 1,4-Dichlorobenzene	6.72	146	1150250	41.639	ng	100
14) 1,2-Dichlorobenzene	6.87	146	1035504	41.173	ng	99
15) Benzyl Alcohol	6.84	79	824720	41.573	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1465017	40.988	ng	100
17) 2-Methylphenol	6.95	107	833780	40.786	ng	99
18) Hexachloroethane	7.21	117	431250	41.232	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	709126	40.736	ng	99
20) 3+4-Methylphenols	7.11	107	917482	38.160	ng	97
22) Acetophenone	7.11	105	1264955	40.138	ng	99
24) Nitrobenzene	7.28	77	1047049	41.577	ng	92
25) Isophorone	7.52	82	1905475	40.050	ng	99
26) 2-Nitrophenol	7.59	139	516811	42.159	ng	100
27) 2,4-Dimethylphenol	7.64	122	830503	40.736	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	1239909	40.939	ng	100
29) 2,4-Dichlorophenol	7.83	162	845937	40.765	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	970941	41.068	ng	99
31) Naphthalene	8.00	128	2707114	39.735	ng	100
32) Benzoic acid	7.76	122	490298	37.026	ng	99
33) 4-Chloroaniline	8.05	127	1278794	39.397	ng	99
34) Hexachlorobutadiene	8.13	225	540314	41.139	ng	99
35) Caprolactam	8.42	113	282900	40.397	ng	97
36) 4-Chloro-3-methylphenol	8.53	107	845312	40.619	ng	98
37) 2-Methylnaphthalene	8.69	142	1873462	41.387	ng	99
38) 1-Methylnaphthalene	8.79	142	1779968	41.502	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	820709	42.153	ng	100

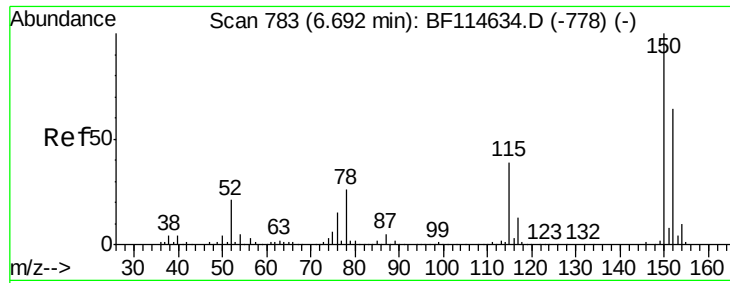
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	528751	41.097	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	644111	42.045	ng	100
44) 2,4,5-Trichlorophenol	9.00	196	629737	41.193	ng	99
46) 1,1'-Biphenyl	9.15	154	2159573	39.793	ng	99
47) 2-Chloronaphthalene	9.17	162	1857065	41.715	ng	99
48) 2-Nitroaniline	9.26	65	576520	41.966	ng	97
49) Acenaphthylene	9.59	152	2749903	39.984	ng	99
50) Dimethylphthalate	9.46	163	2120560	41.625	ng	100
51) 2,6-Dinitrotoluene	9.51	165	491573	41.526	ng	96
52) Acenaphthene	9.76	154	1748296	41.451	ng	99
53) 3-Nitroaniline	9.67	138	585727	40.429	ng	99
54) 2,4-Dinitrophenol	9.77	184	201143	43.078	ng	95
55) Dibenzofuran	9.93	168	2389096	39.793	ng	99
56) 4-Nitrophenol	9.83	139	442171	41.184	ng	95
57) 2,4-Dinitrotoluene	9.91	165	649268	42.737	ng	# 86
58) Fluorene	10.27	166	1652592	40.511	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	521386	41.667	ng	99
60) Diethylphthalate	10.15	149	2152919	41.377	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	844297	41.214	ng	99
62) 4-Nitroaniline	10.29	138	565679	40.069	ng	95
63) Azobenzene	10.42	77	1978385	41.414	ng	99
65) 4,6-Dinitro-2-methylphenol	10.31	198	270413	44.004	ng	99
66) n-Nitrosodiphenylamine	10.38	169	1708863	41.735	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	620447	41.748	ng	98
68) Hexachlorobenzene	10.82	284	670006	41.623	ng	99
69) Atrazine	10.91	200	521840	39.612	ng	98
70) Pentachlorophenol	11.00	266	397897	42.881	ng	99
71) Phenanthrene	11.22	178	2724023	40.456	ng	100
72) Anthracene	11.27	178	2759563	40.405	ng	99
73) Carbazole	11.42	167	2505293	40.396	ng	100
74) Di-n-butylphthalate	11.77	149	3177429	40.910	ng	99
75) Fluoranthene	12.40	202	2805262	40.452	ng	98
77) Benzidine	12.52	184	1445610	40.703	ng	96
78) Pyrene	12.63	202	2828831	38.772	ng	99
80) Butylbenzylphthalate	13.26	149	1465329	39.962	ng	98
81) Benzo(a)anthracene	13.81	228	2665028	40.208	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	1057698	41.321	ng	99
83) Chrysene	13.85	228	2508610	39.615	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1860497	41.042	ng	99
85) Di-n-octyl phthalate	14.43	149	3240460	41.142	ng	100
86) Indeno(1,2,3-cd)pyrene	16.53	276	2665426	42.026	ng	100
88) Benzo(b)fluoranthene	14.82	252	2606662	38.376	ng	100
89) Benzo(k)fluoranthene	14.85	252	2497913	42.310	ng	100
90) Benzo(a)pyrene	15.16	252	2416222	40.492	ng	99
91) Dibenzo(a,h)anthracene	16.56	278	2166044	41.079	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2101614	41.065	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

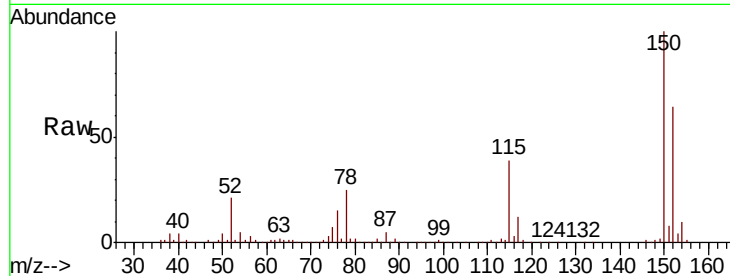


#1

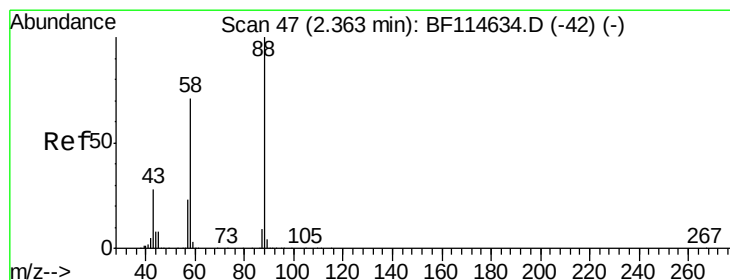
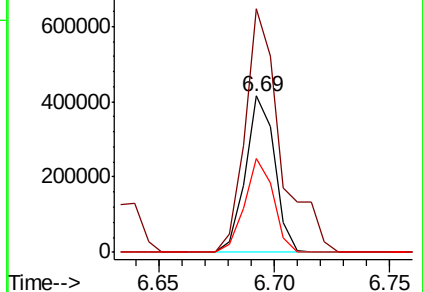
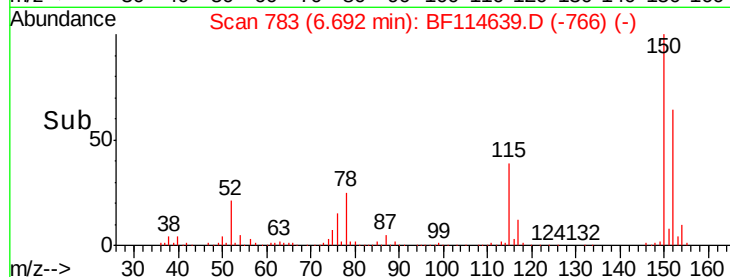
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:152 Resp: 367446
Ion Ratio Lower Upper
152 100
150 156.1 124.4 186.6
115 60.4 48.7 73.1



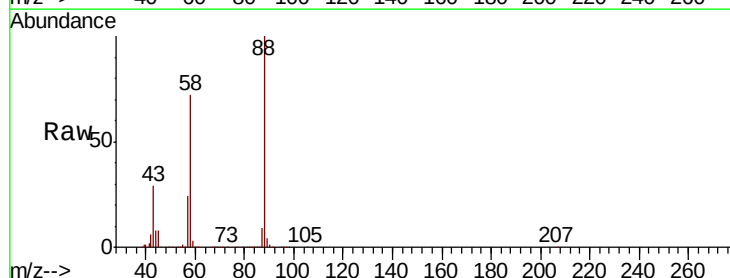
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



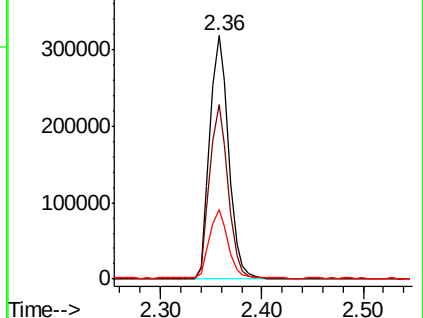
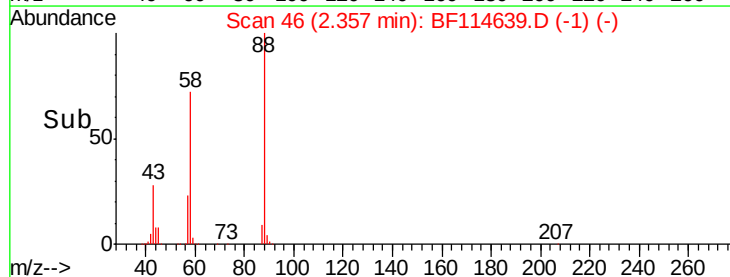
#2

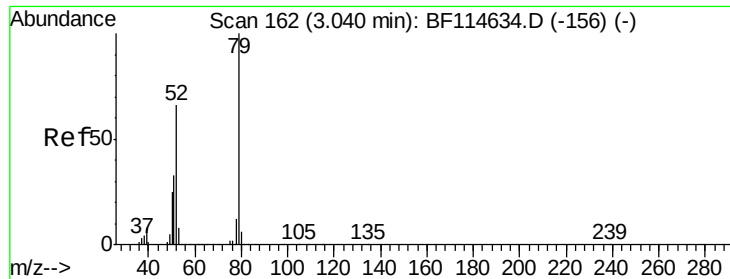
1,4-Dioxane
Concen: 41.379 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion: 88 Resp: 415586
Ion Ratio Lower Upper
88 100
58 70.7 57.2 85.8
43 27.6 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.236 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

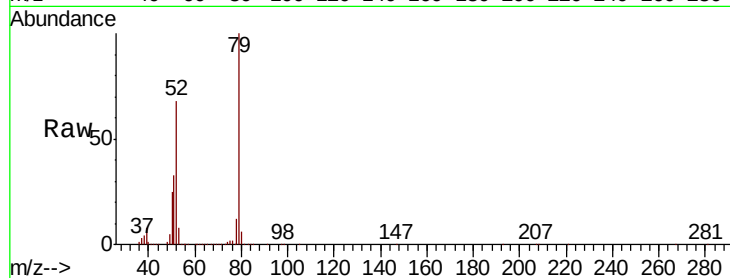
Tot Ion: 79 Resp: 1205280

Ion Ratio Lower Upper

79 100

52 67.6 52.8 79.2

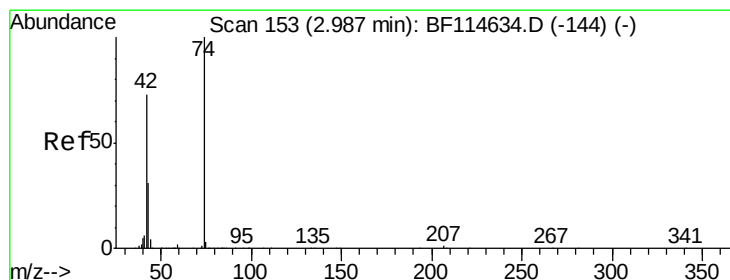
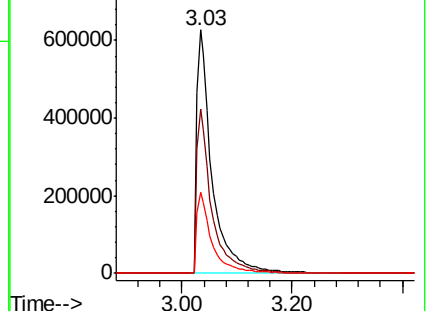
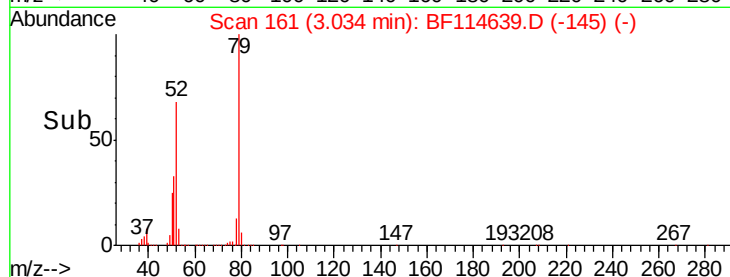
51 33.1 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.445 ng

RT: 2.99 min Scan# 153

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

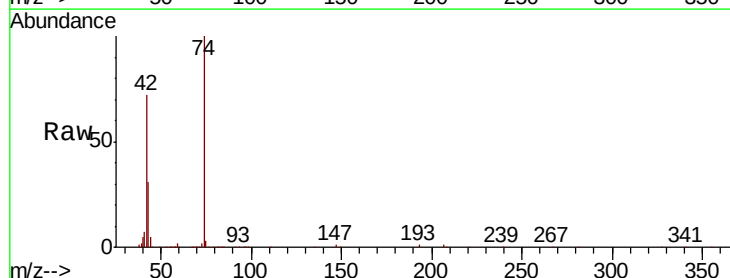
Tgt Ion: 42 Resp: 478389

Ion Ratio Lower Upper

42 100

74 139.8 110.0 165.0

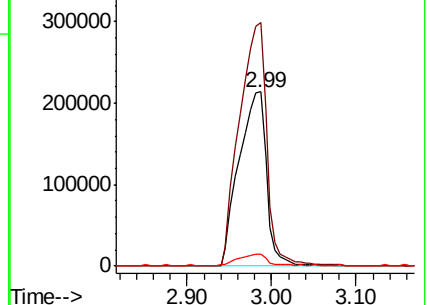
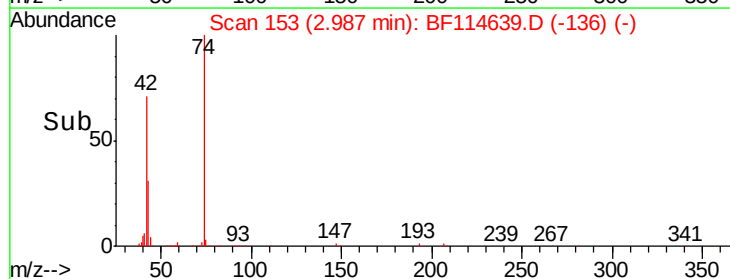
44 6.8 5.6 8.4

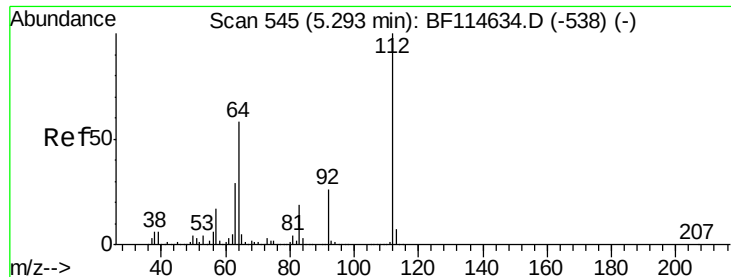


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.145 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

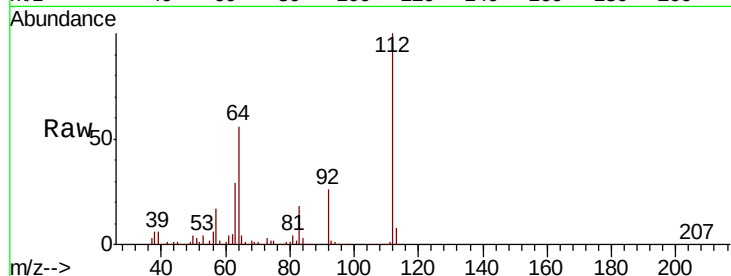
Tot Ion:112 Resp: 1698261

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

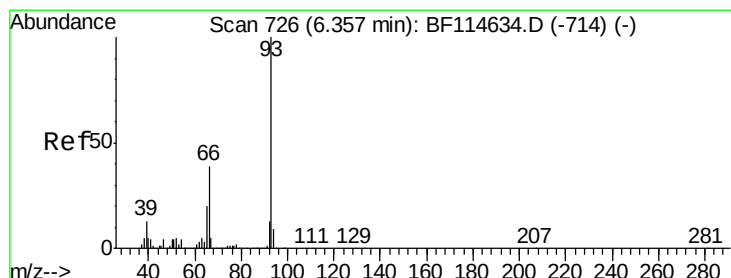
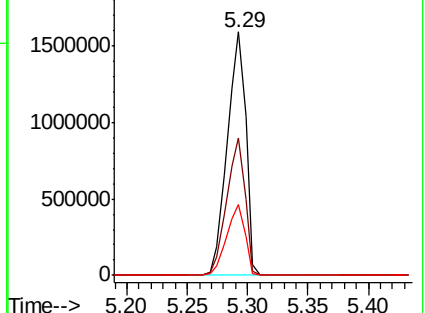
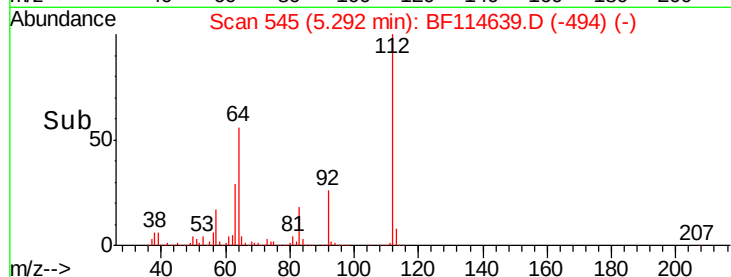
63 29.1 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.694 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

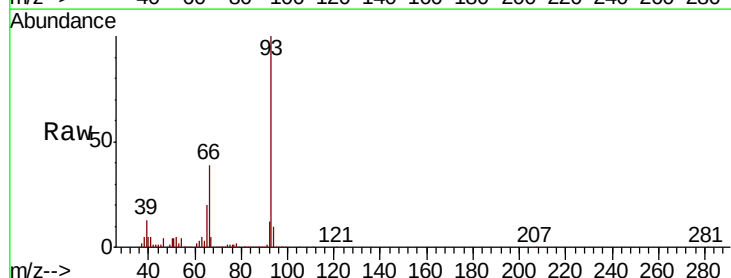
Tgt Ion: 93 Resp: 1550221

Ion Ratio Lower Upper

93 100

66 39.0 31.4 47.2

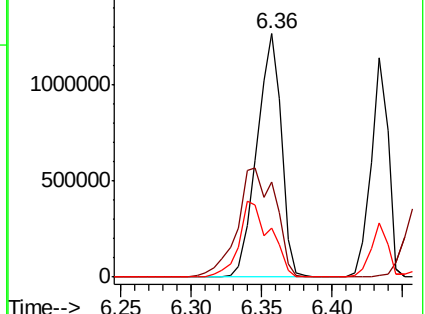
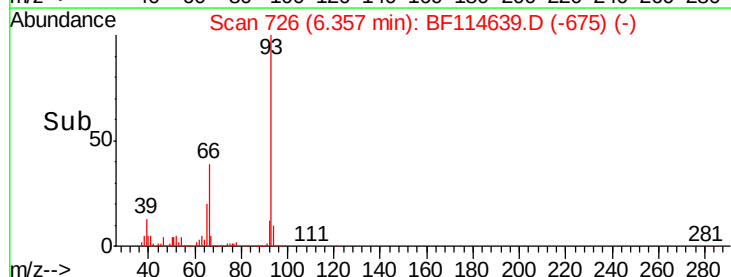
65 20.1 16.2 24.2

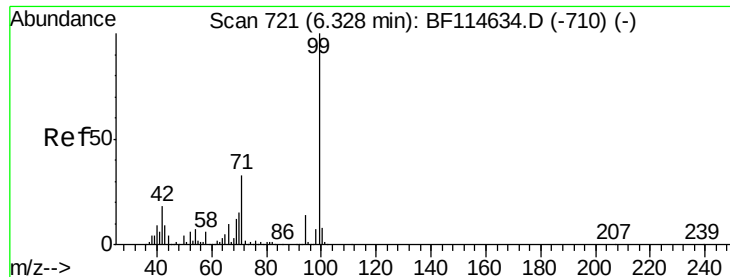


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.486 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

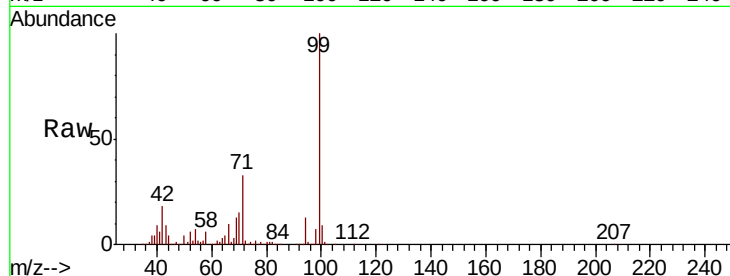
Tot Ion: 99 Resp: 2055060

Ion Ratio Lower Upper

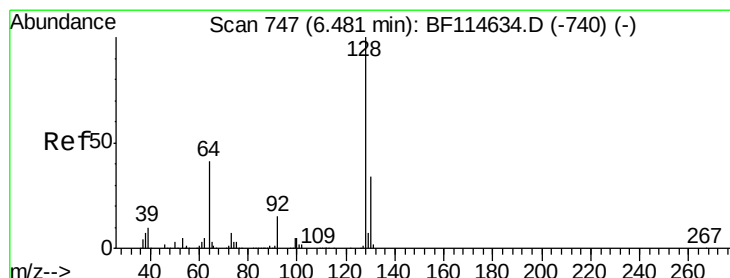
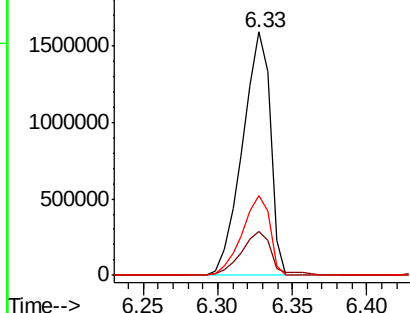
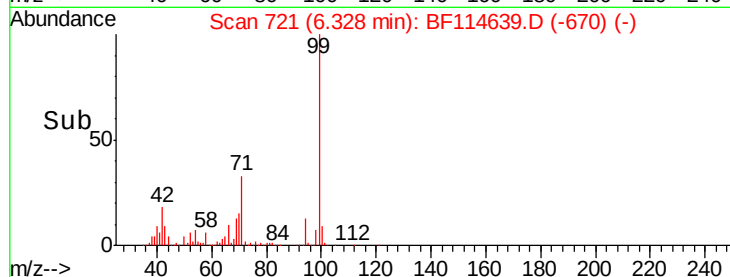
99 100

42 18.0 14.7 22.1

71 33.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.593 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

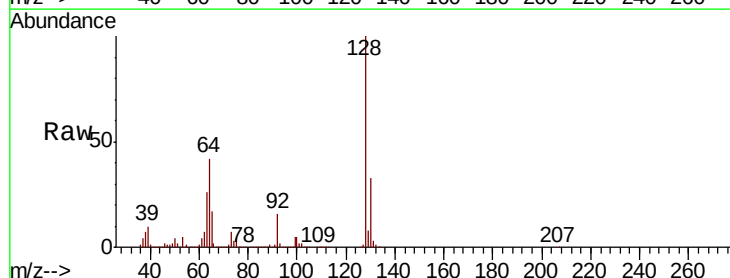
Tgt Ion: 128 Resp: 1005281

Ion Ratio Lower Upper

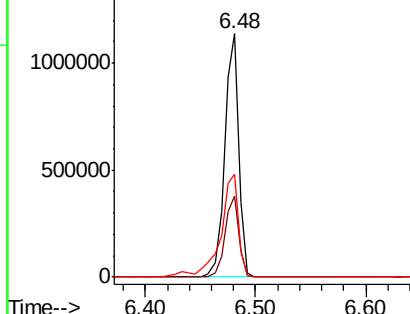
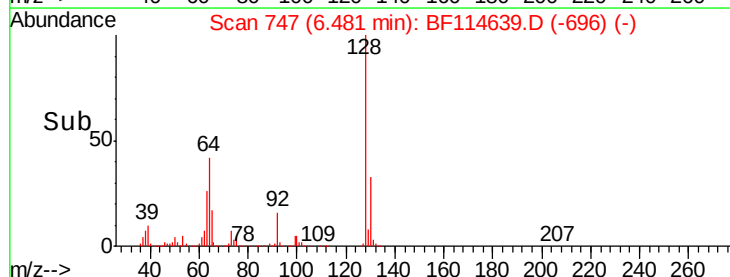
128 100

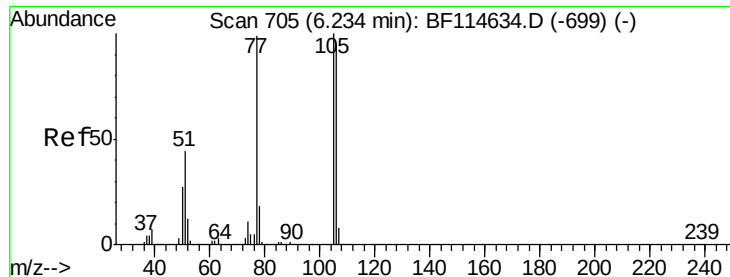
130 33.2 13.9 53.9

64 42.0 22.0 62.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.458 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

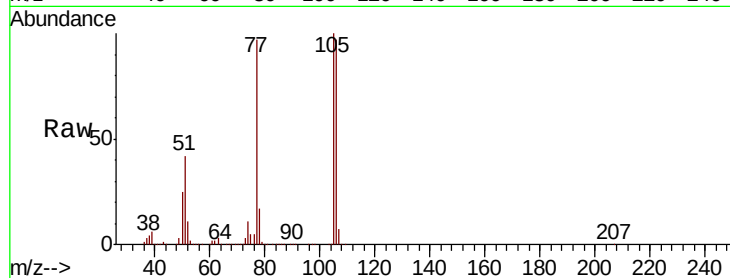
Tot Ion: 77 Resp: 598335

Ion Ratio Lower Upper

77 100

105 102.8 80.8 120.8

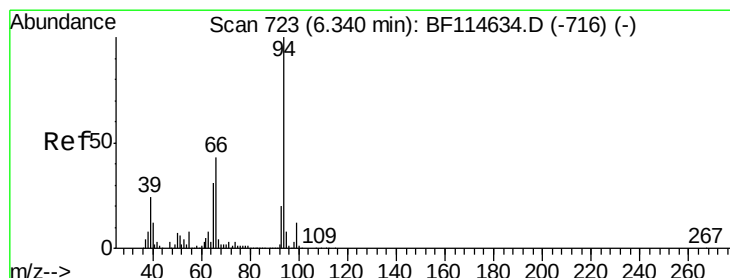
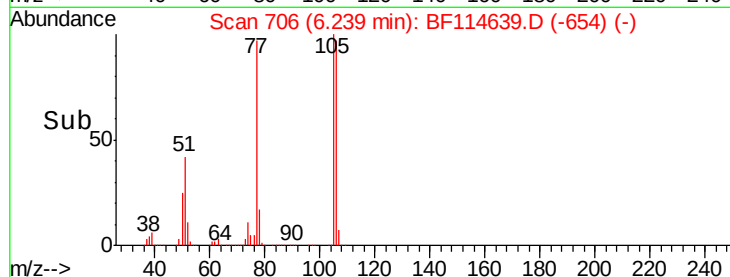
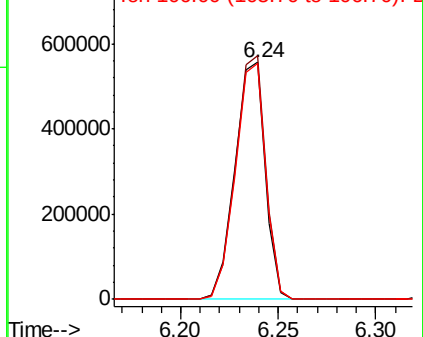
106 99.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.305 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

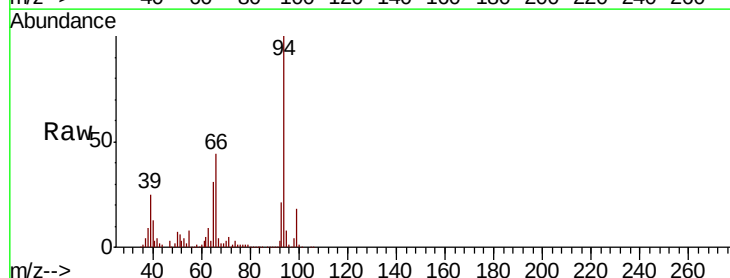
Tgt Ion: 94 Resp: 1258406

Ion Ratio Lower Upper

94 100

65 31.4 11.0 51.0

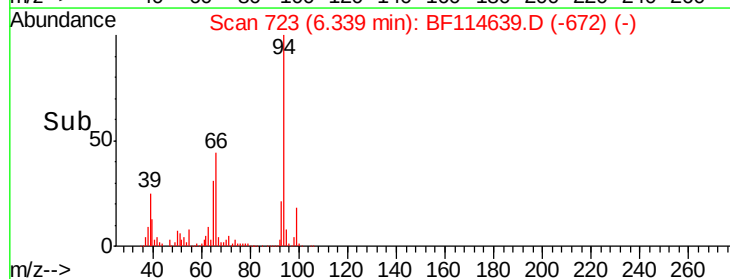
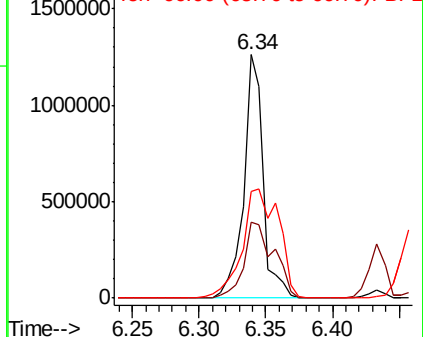
66 43.8 23.0 63.0

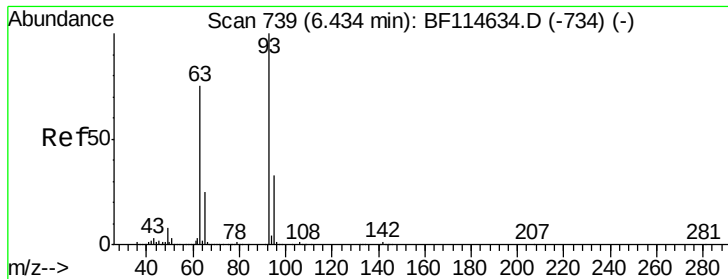


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

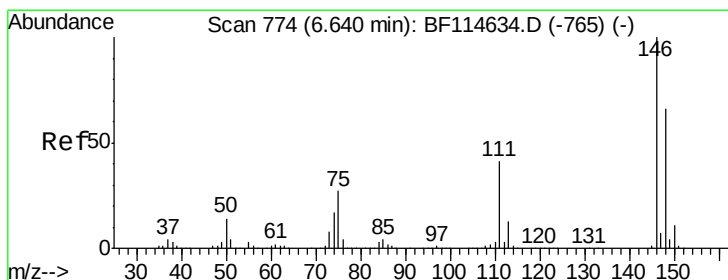
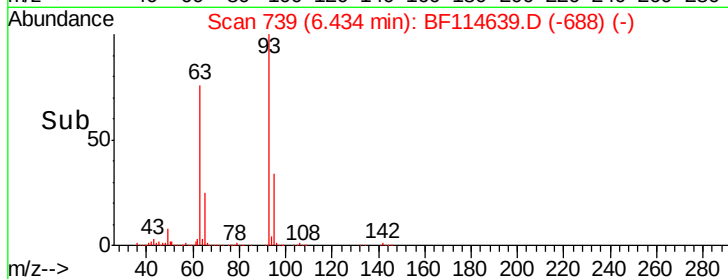
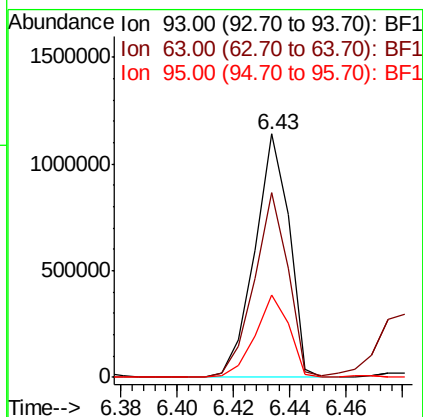
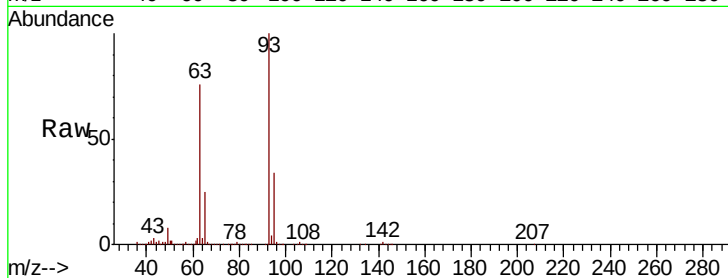




#11
bis(2-Chloroethyl)ether
Concen: 41.310 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

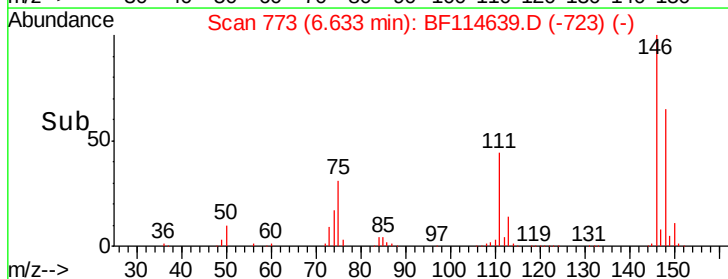
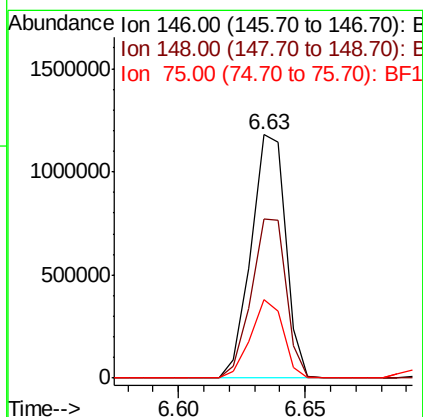
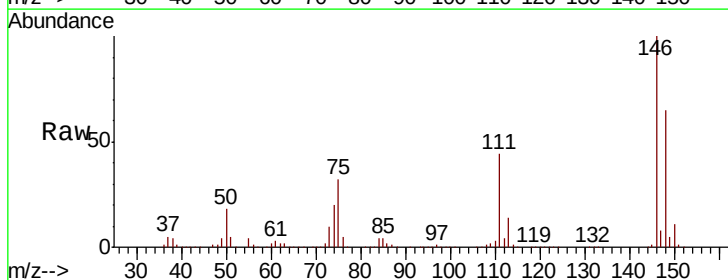
Instrument :
BNA_F
ClientSampleId :
ICVBF052919

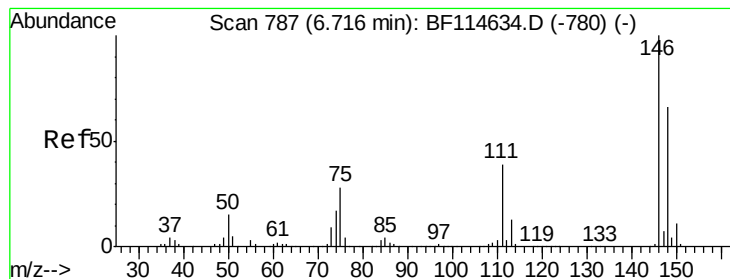
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	55.0	95.0
95	33.8	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 41.004 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
75	32.4	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 41.639 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

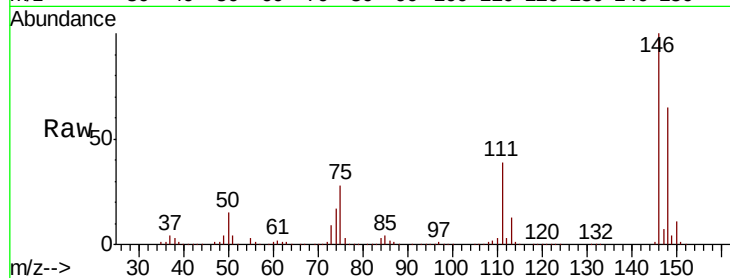
Tot Ion:146 Resp: 1150250

Ion Ratio Lower Upper

146 100

148 65.3 52.5 78.7

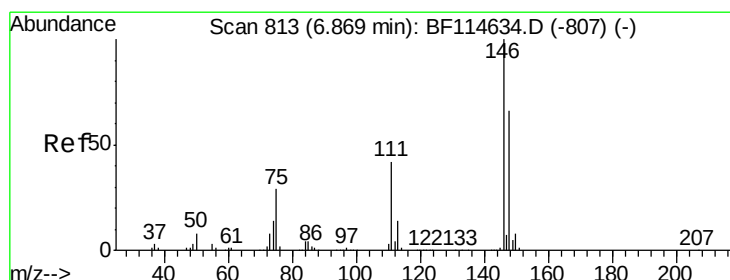
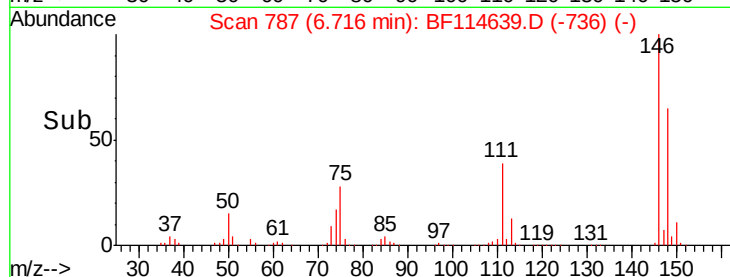
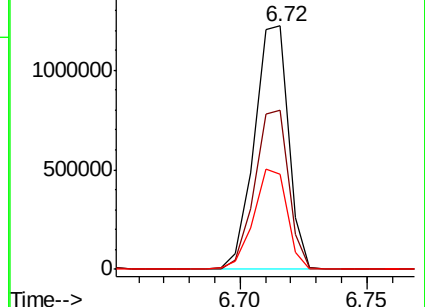
111 39.3 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.173 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

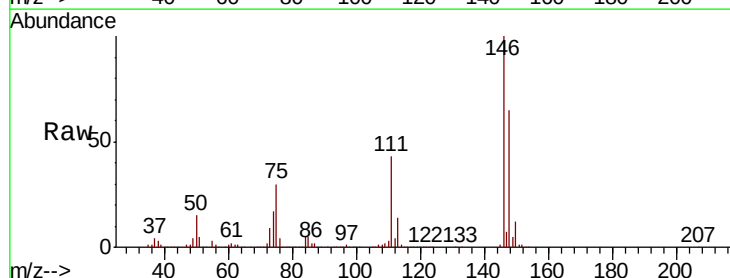
Tgt Ion:146 Resp: 1035504

Ion Ratio Lower Upper

146 100

148 65.5 52.6 79.0

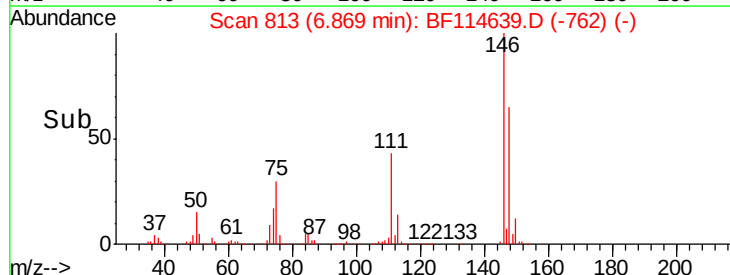
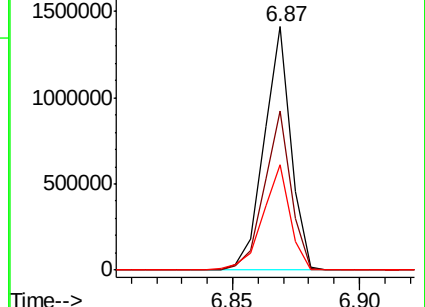
111 43.1 34.1 51.1

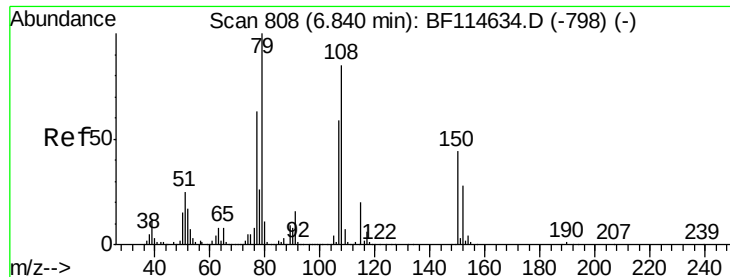


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.573 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

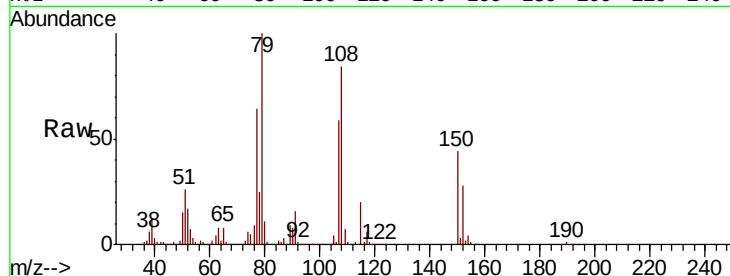
Tot Ion: 79 Resp: 824720

Ion Ratio Lower Upper

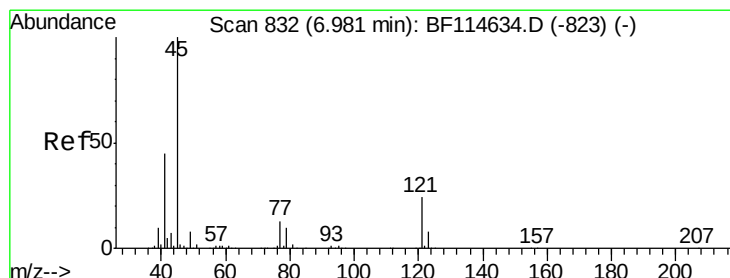
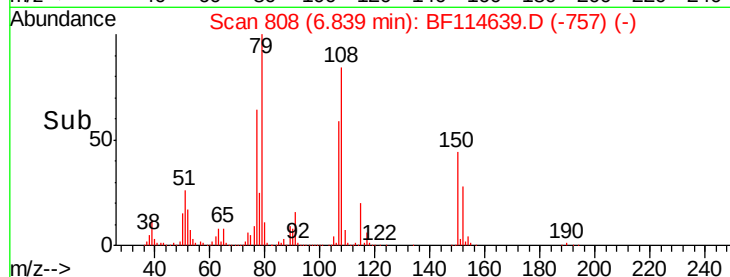
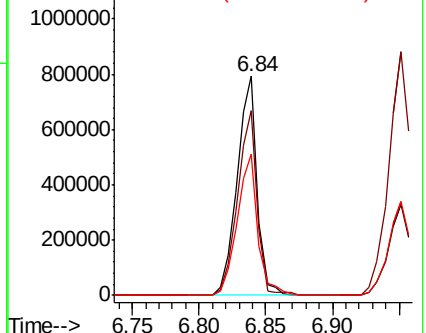
79 100

108 84.2 67.8 101.8

77 64.3 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.988 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

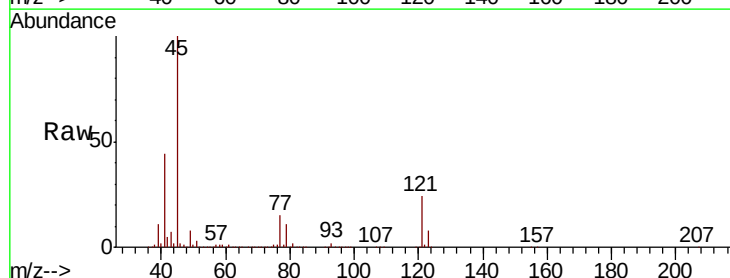
Tgt Ion: 45 Resp: 1465017

Ion Ratio Lower Upper

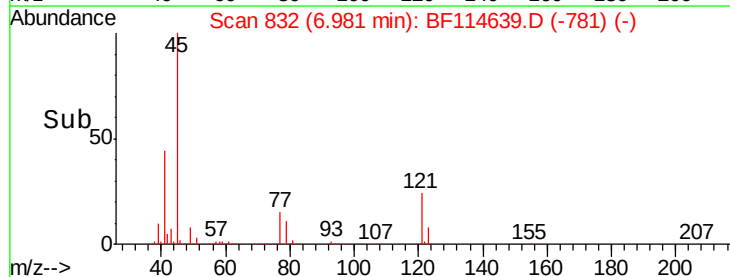
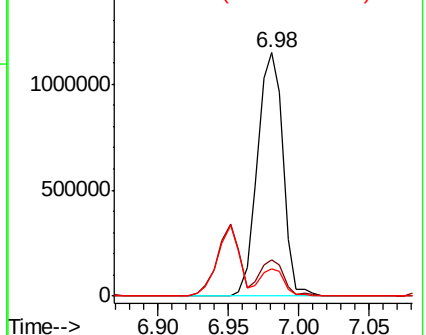
45 100

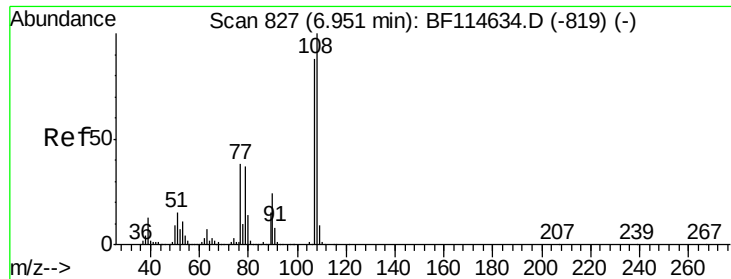
77 14.7 0.0 34.7

79 11.3 0.0 31.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.786 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

Tot Ion:107 Resp: 833780

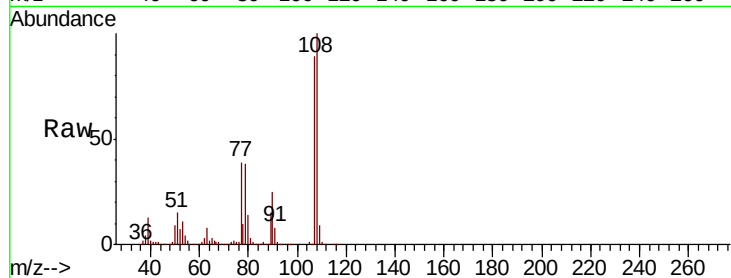
Ion Ratio Lower Upper

107 100

108 112.6 91.1 136.7

77 43.5 34.9 52.3

79 42.3 33.8 50.6

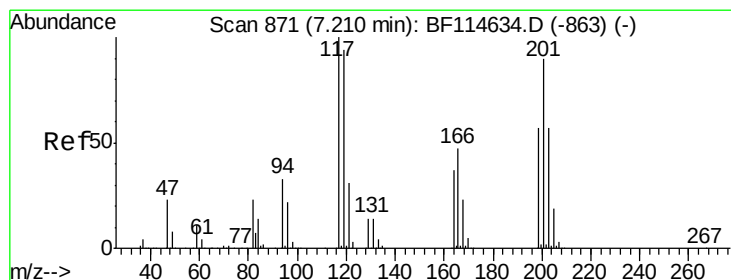
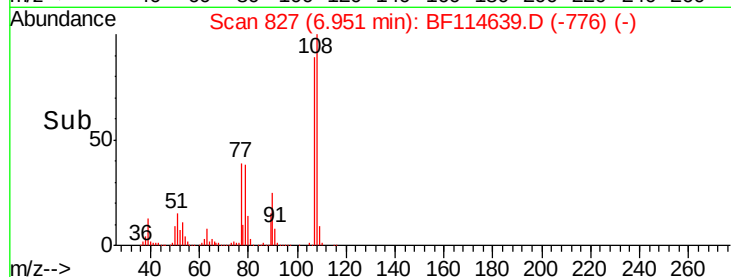
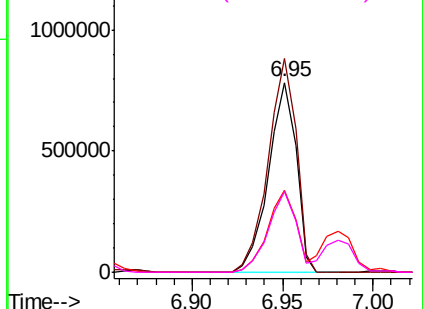


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.232 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

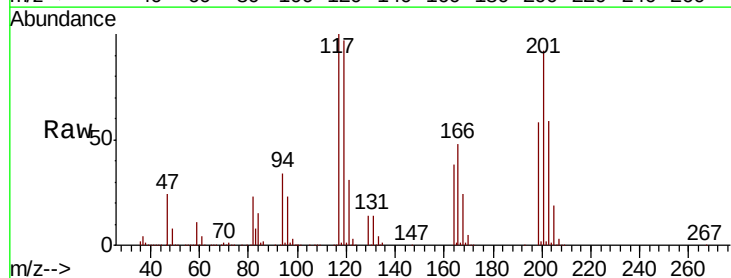
Tgt Ion:117 Resp: 431250

Ion Ratio Lower Upper

117 100

119 96.7 75.6 113.4

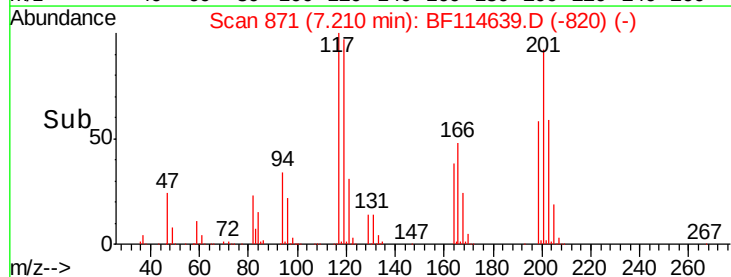
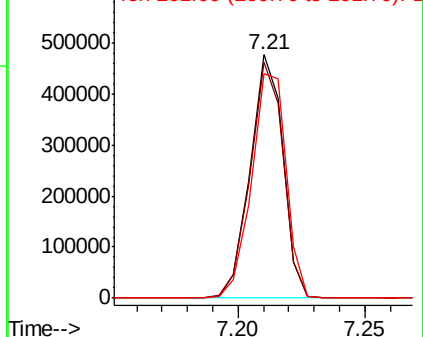
201 92.1 71.7 107.5

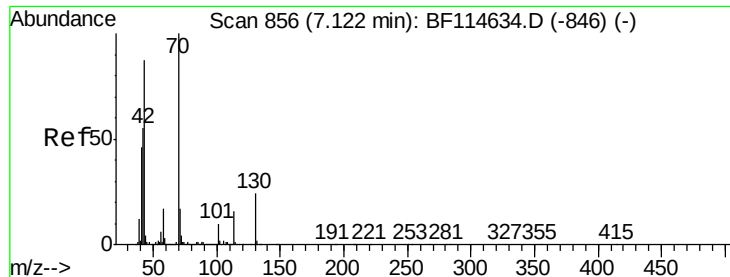


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

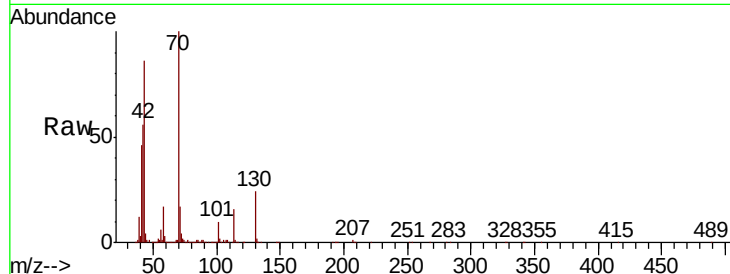




#19
n-Nitroso-di-n-propylamine
Concen: 40.736 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:	70	Resp:	709126
Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.4	66.6
101	9.7	8.2	12.4
130	23.9	19.4	29.0



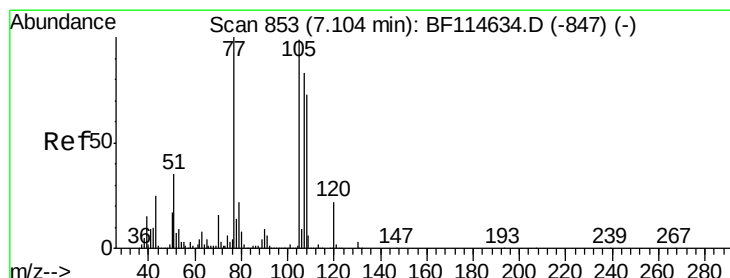
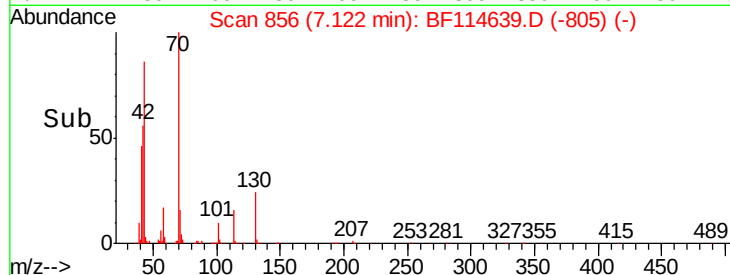
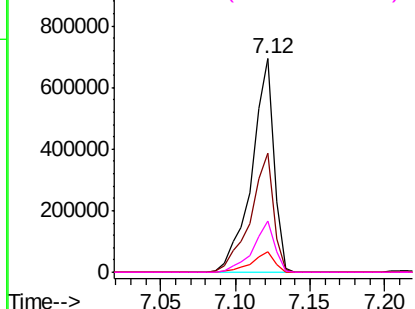
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

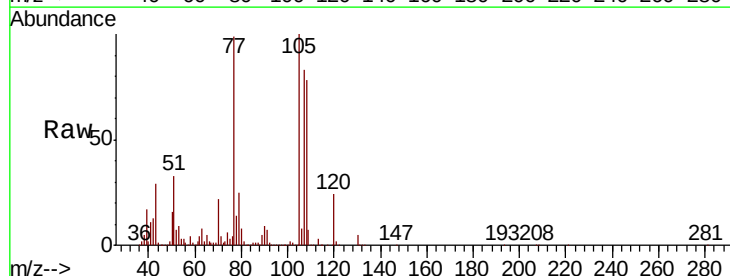
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.160 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:	107	Resp:	917482
Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.6	108.6
77	120.1	100.5	140.5
79	30.1	7.0	47.0



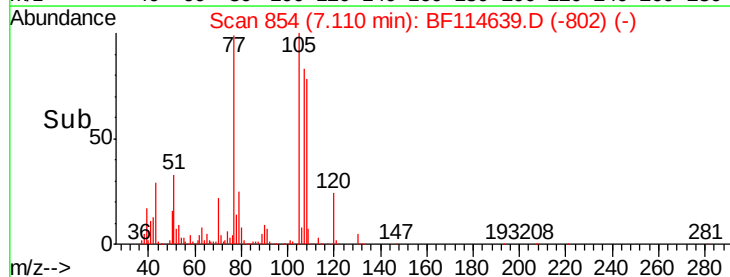
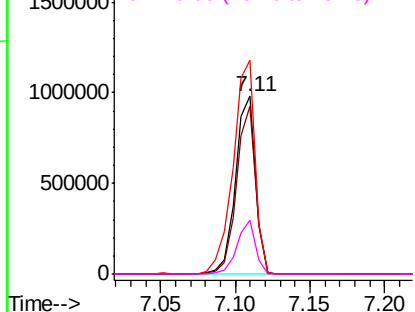
Abundance

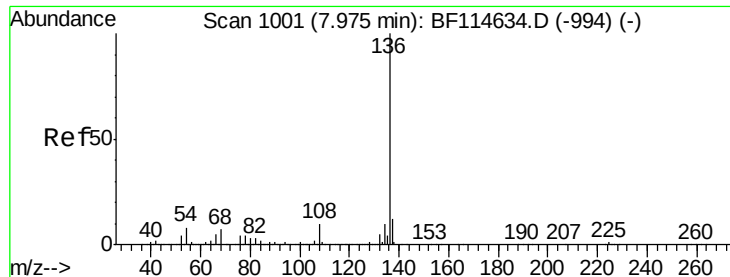
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



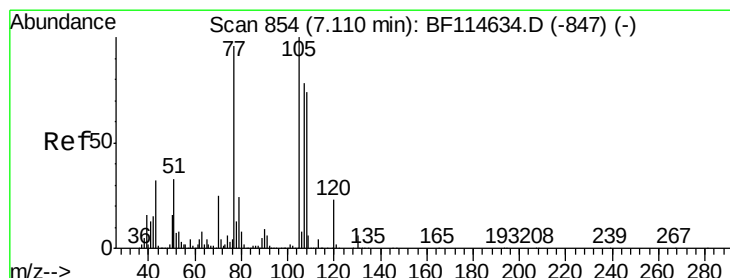
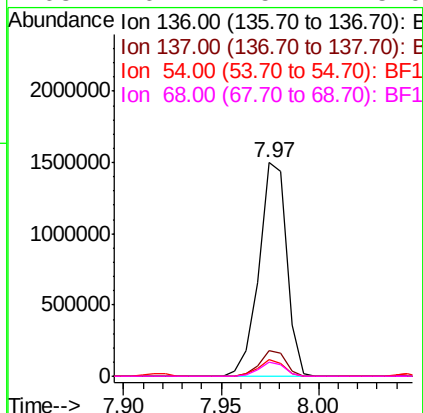
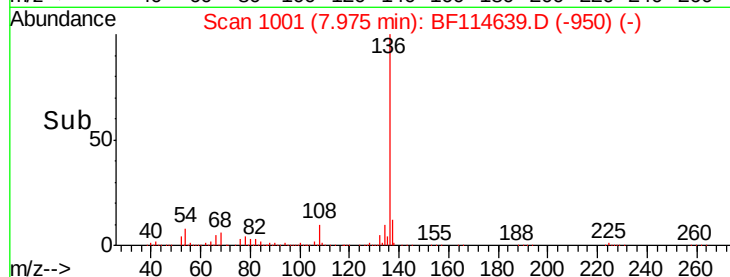
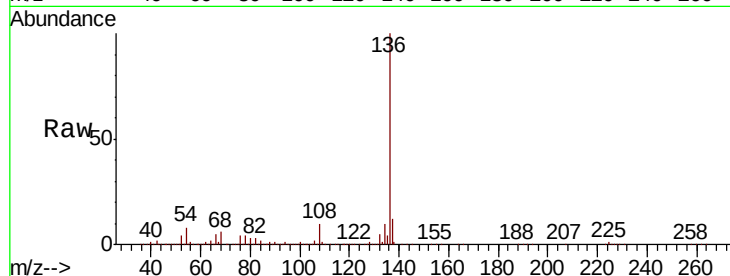


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:136 Resp: 1479091

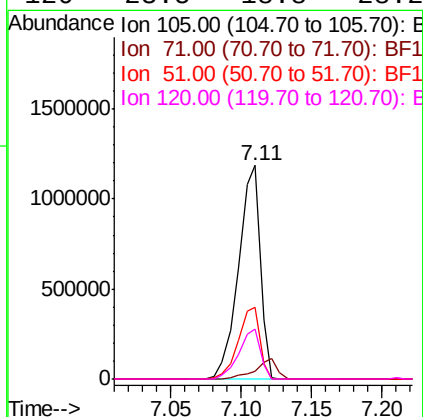
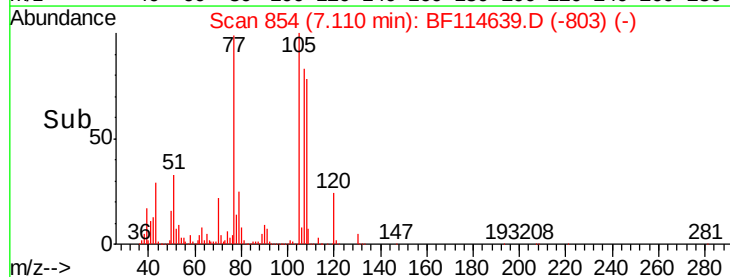
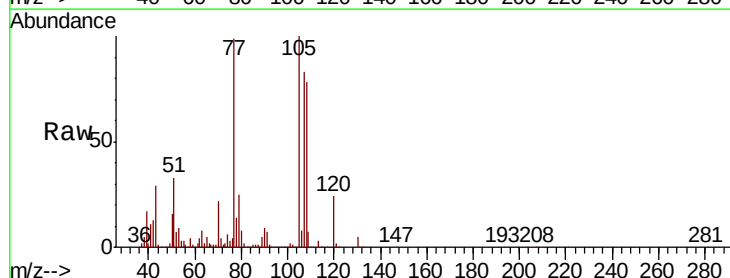
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	8.0	6.3	9.5
68	6.4	5.4	8.0

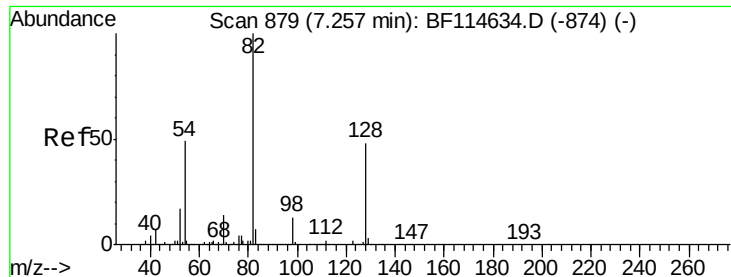


#22
Acetophenone
Concen: 40.138 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:105 Resp: 1264955

Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.6	5.4
51	33.3	26.0	39.0
120	23.5	18.8	28.2



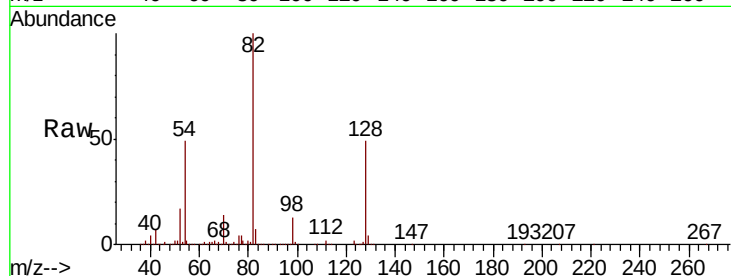


#23
 Nitrobenzene-d5
 Concen: 82.589 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

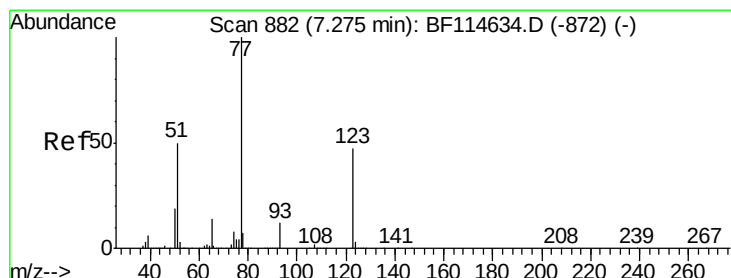
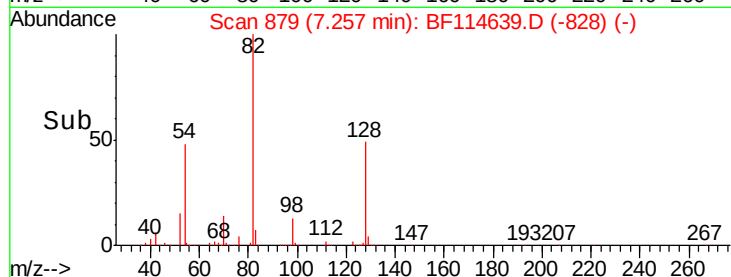
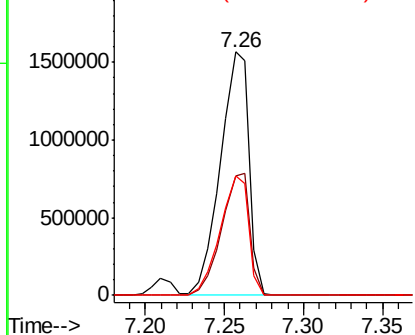
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion: 82 Resp: 1957980

Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.5	57.7
54	48.9	39.1	58.7



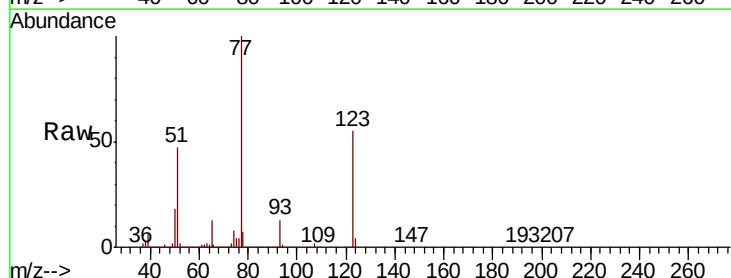
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



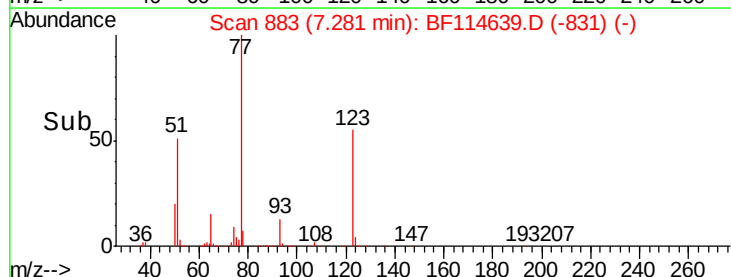
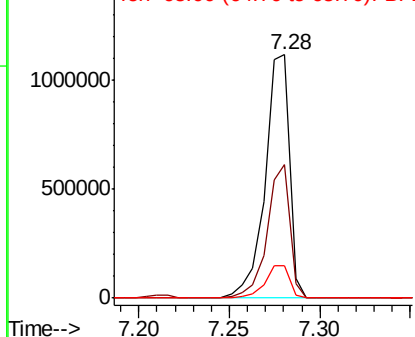
#24
 Nitrobenzene
 Concen: 41.577 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

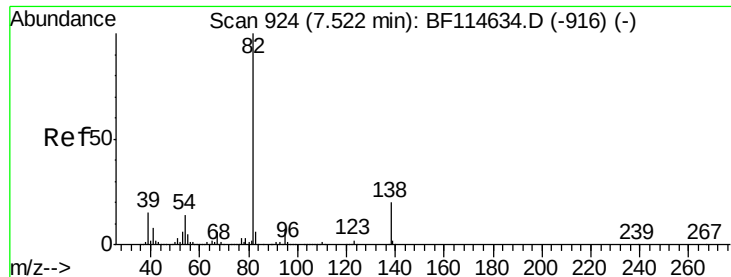
Tgt Ion: 77 Resp: 1047049

Ion	Ratio	Lower	Upper
77	100		
123	54.9	38.5	57.7
65	13.3	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.050 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

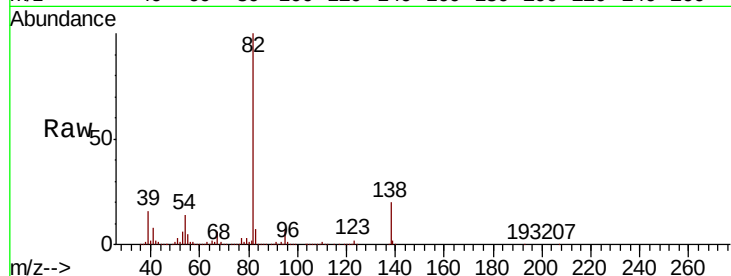
Tot Ion: 82 Resp: 1905475

Ion Ratio Lower Upper

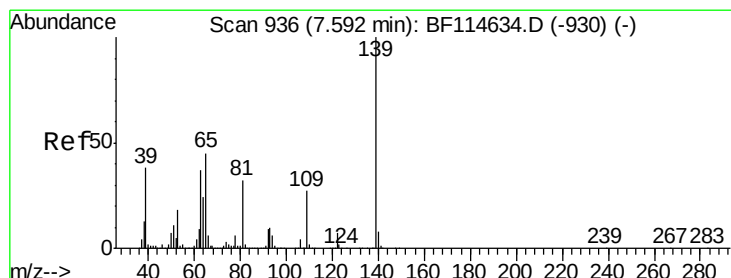
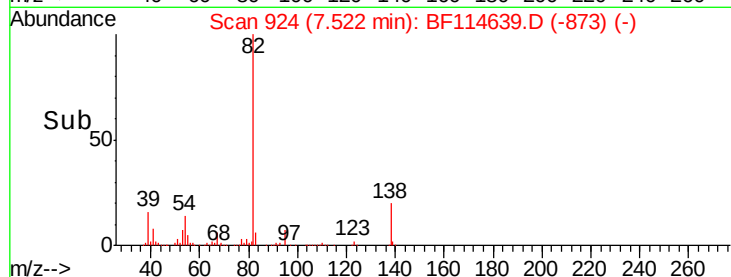
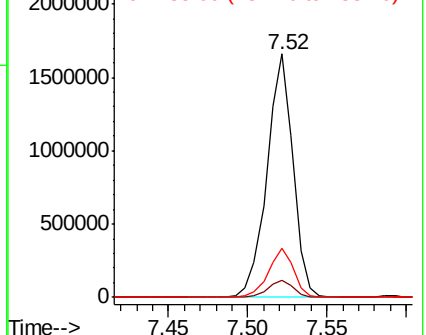
82 100

95 7.1 5.6 8.4

138 20.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.159 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

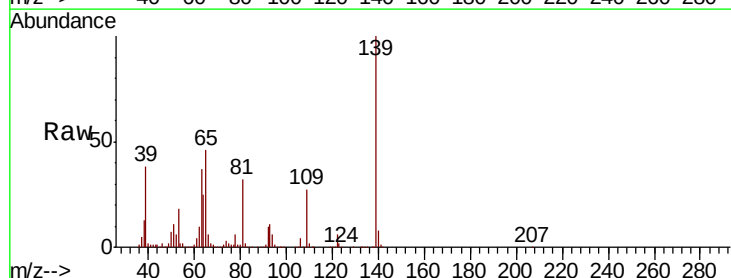
Tgt Ion: 139 Resp: 516811

Ion Ratio Lower Upper

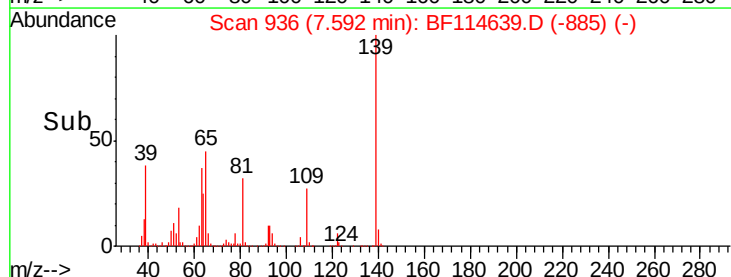
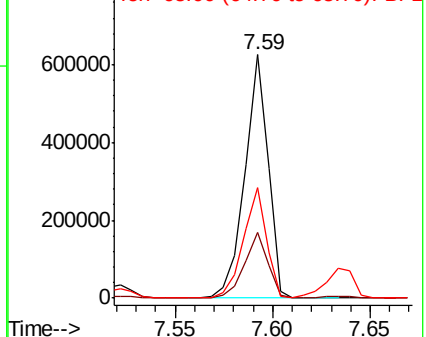
139 100

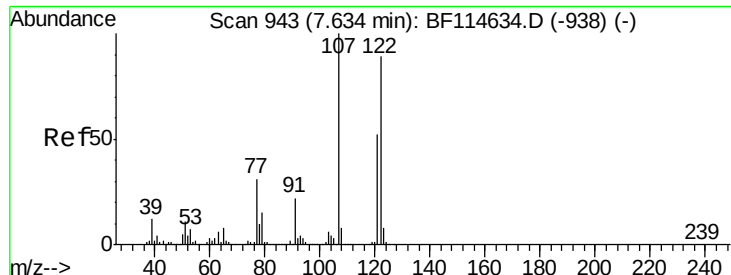
109 26.9 21.7 32.5

65 45.5 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

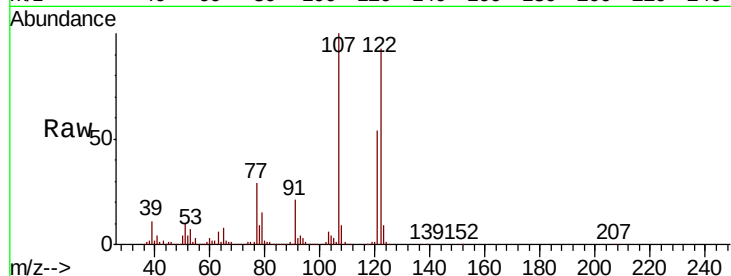




#27
2,4-Dimethylphenol
Concen: 40.736 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.0	89.3	133.9
121	57.8	46.8	70.2

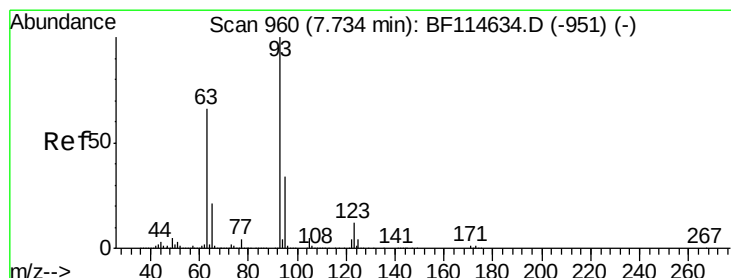
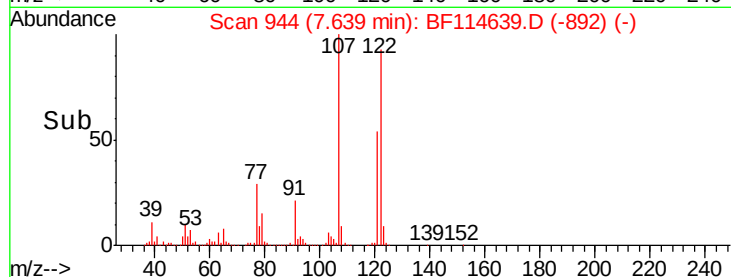
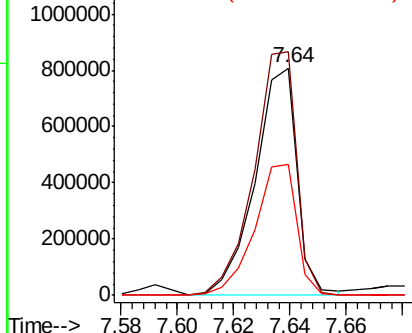


Abundance

Ion 122.00 (121.70 to 122.70): E

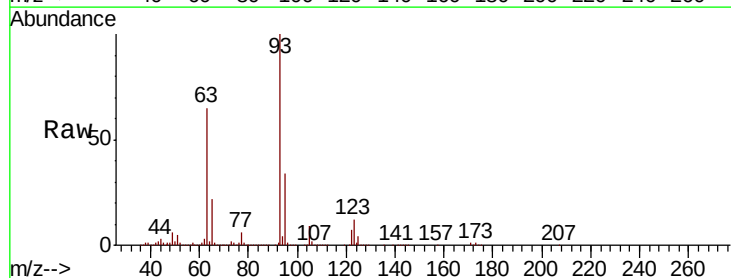
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.939 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.4
123	12.4	10.2	15.2

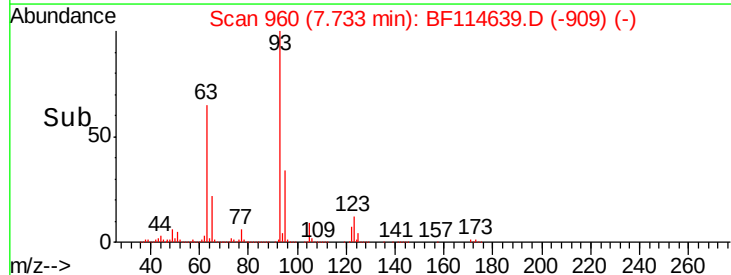
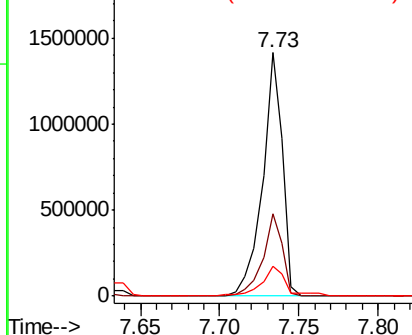


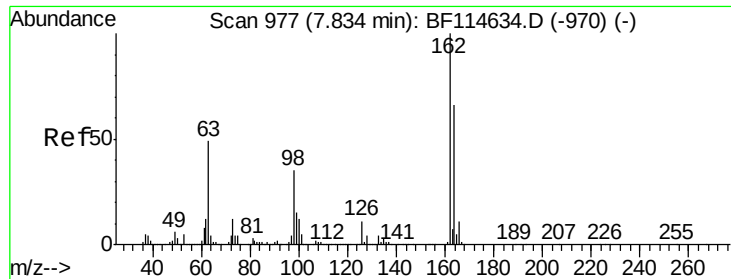
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

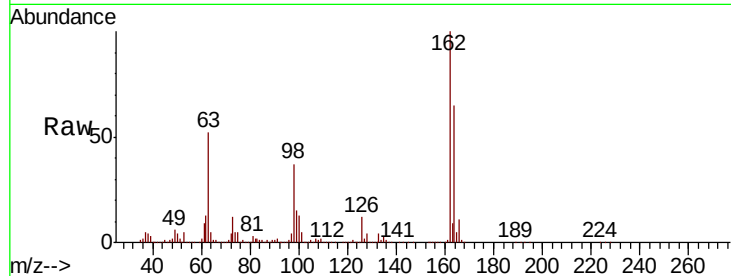




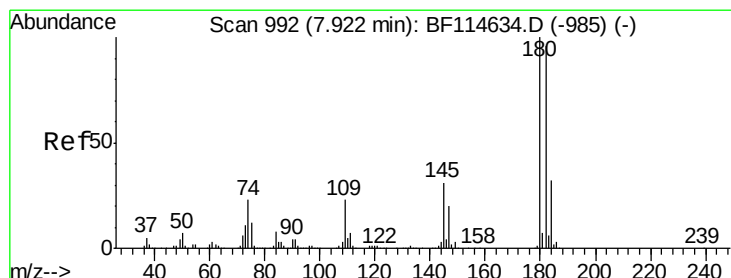
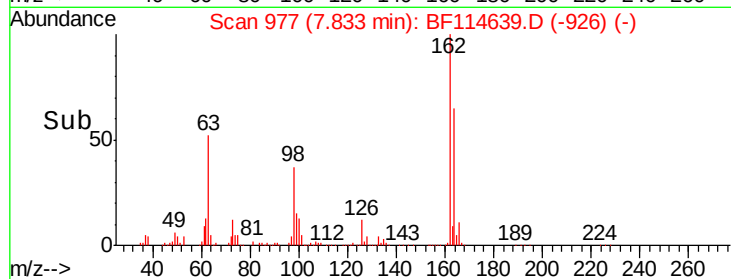
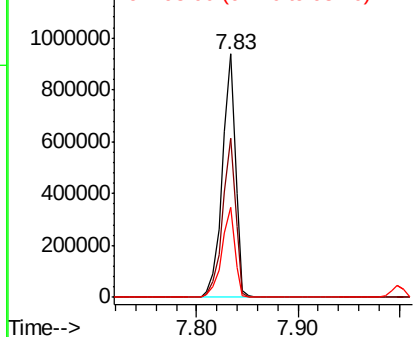
#29
2,4-Dichlorophenol
Concen: 40.765 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:	162	Resp:	845937
Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.8	85.8
98	36.8	14.9	54.9

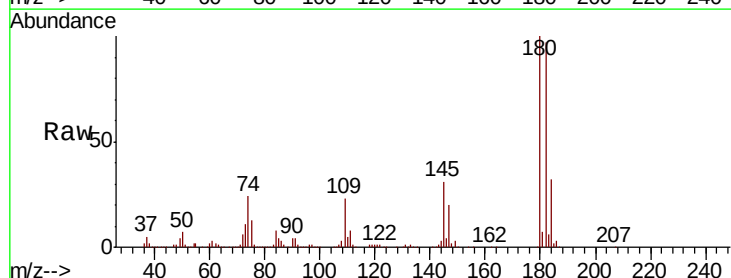


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

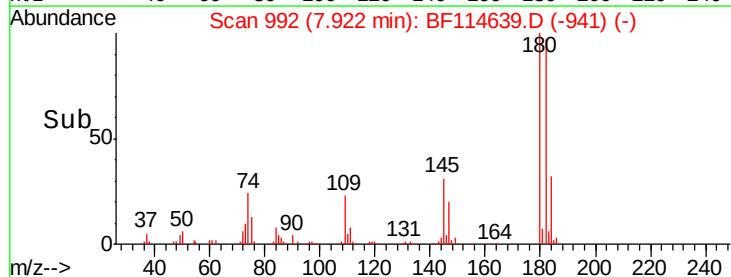
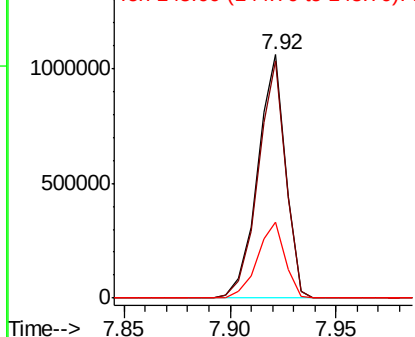


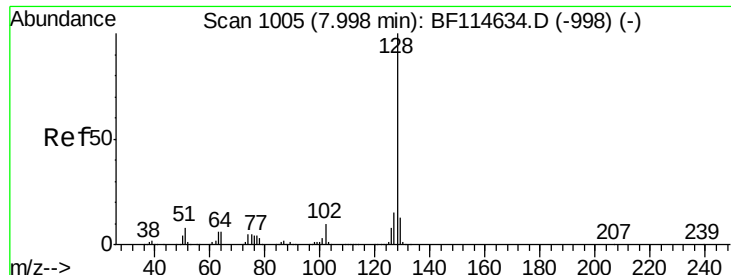
#30
1,2,4-Trichlorobenzene
Concen: 41.068 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:	180	Resp:	970941
Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.9	115.3
145	31.2	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

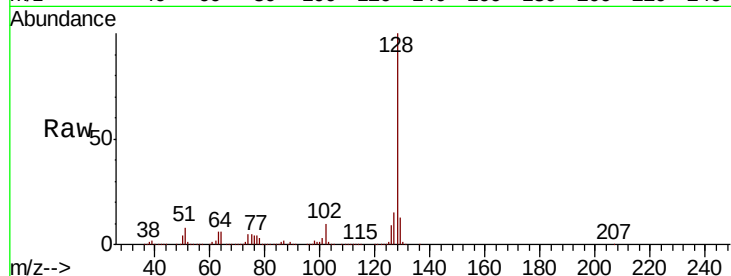




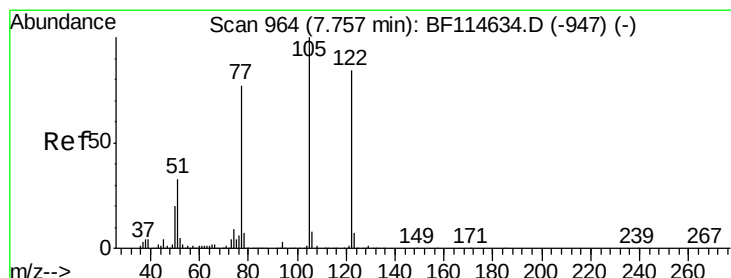
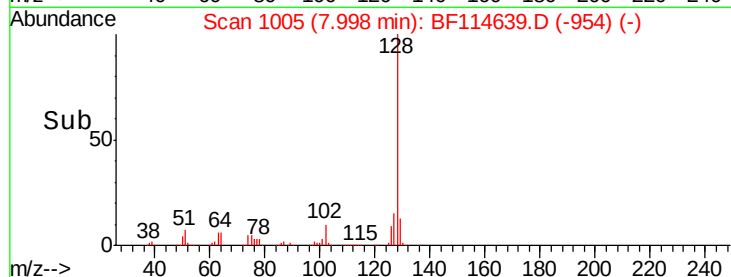
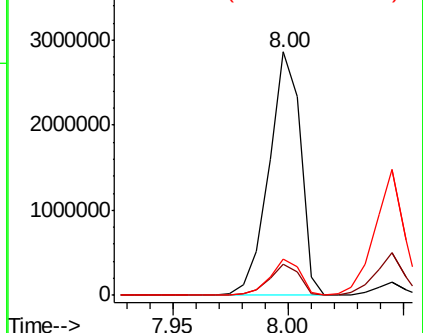
#31
Naphthalene
Concen: 39.735 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:128 Resp: 2707114
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 15.0 11.9 17.9

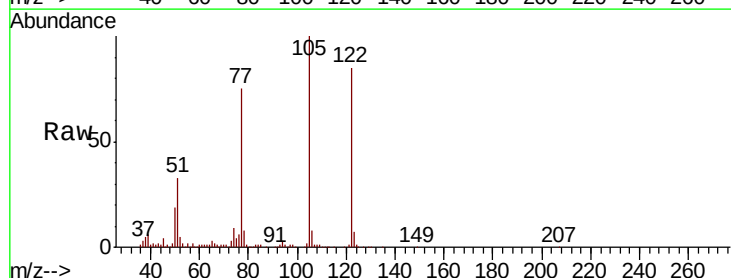


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

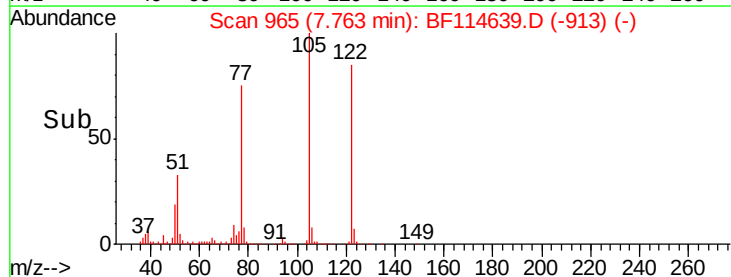
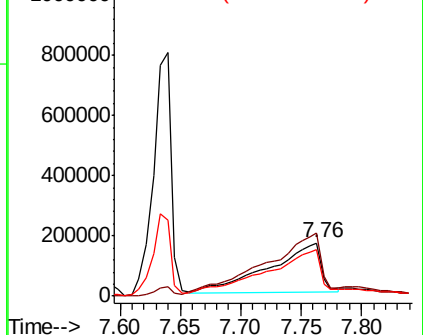


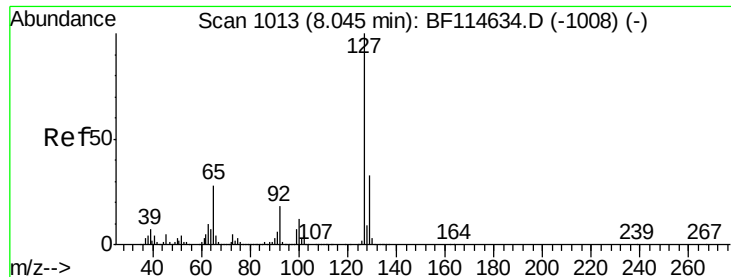
#32
Benzoic acid
Concen: 37.026 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:122 Resp: 490298
Ion Ratio Lower Upper
122 100
105 117.7 98.3 138.3
77 88.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

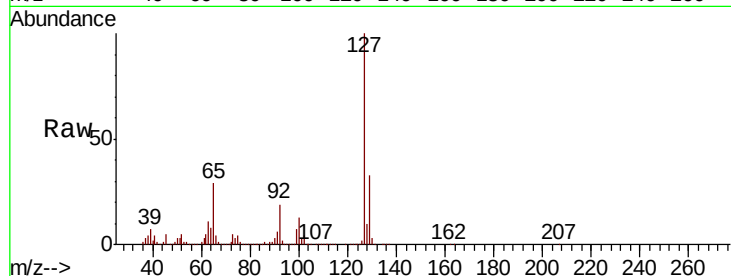




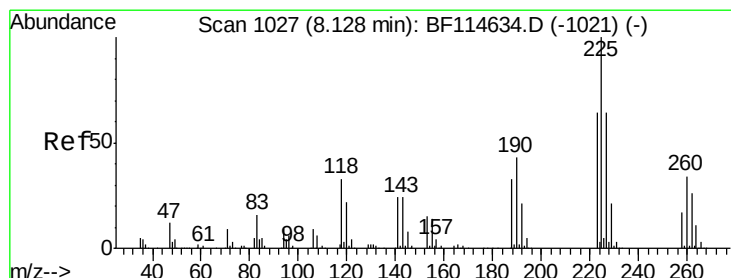
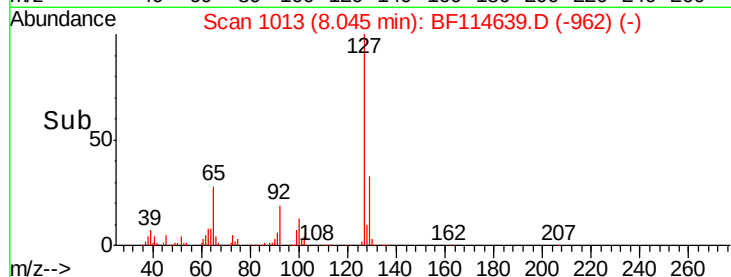
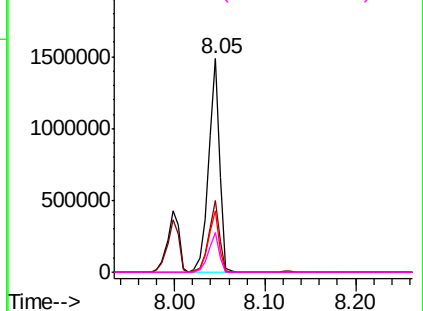
#33
4-Chloroaniline
Concen: 39.397 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:127	Resp: 1278794
Ion Ratio	Lower Upper
127 100	
129 33.4	26.7 40.1
65 28.9	22.5 33.7
92 18.9	14.6 22.0

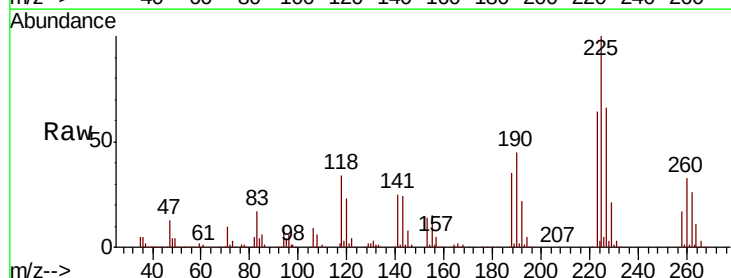


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

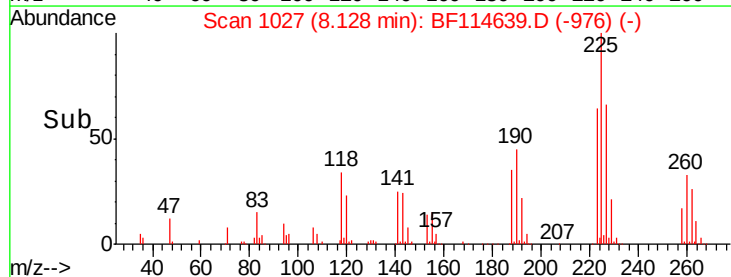
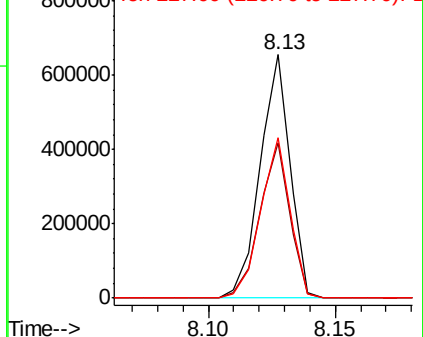


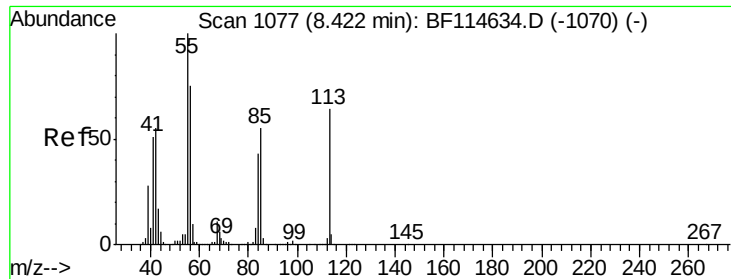
#34
Hexachlorobutadiene
Concen: 41.139 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt	Ion:225	Resp:	540314
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	65.8	51.3	76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

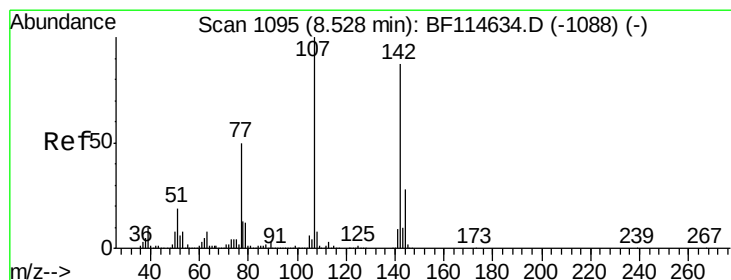
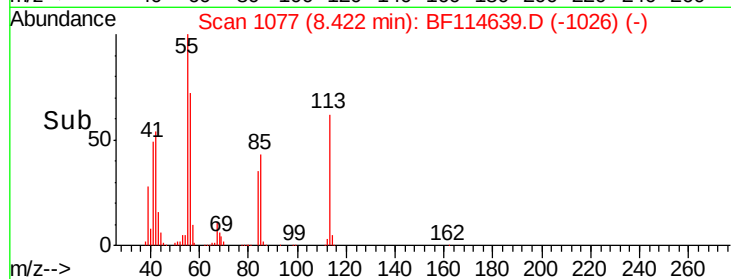
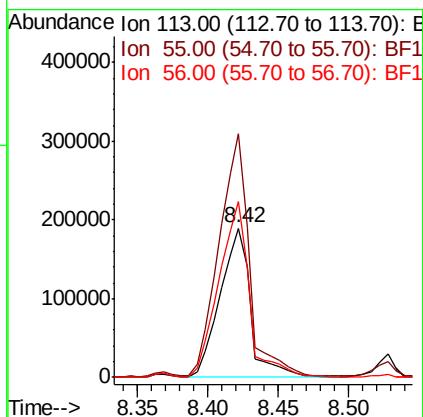
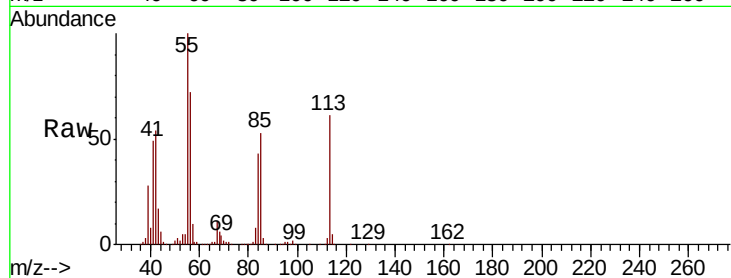




#35
 Caprolactam
 Concen: 40.397 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

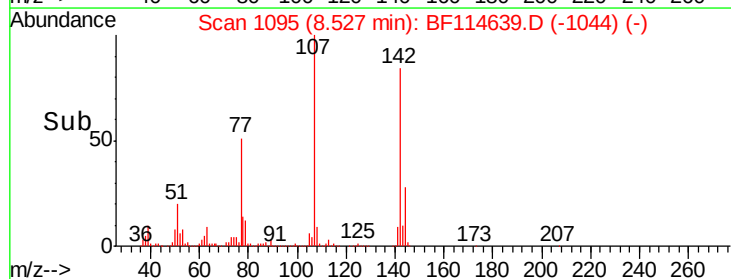
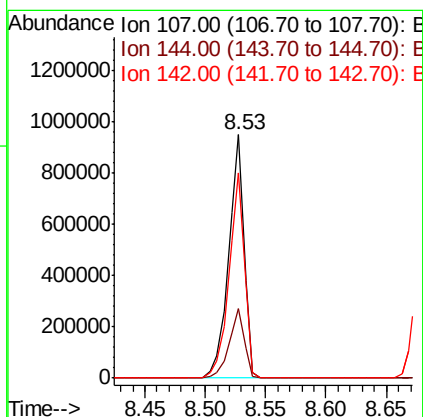
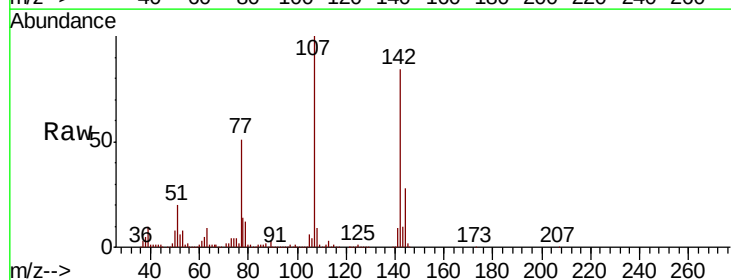
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

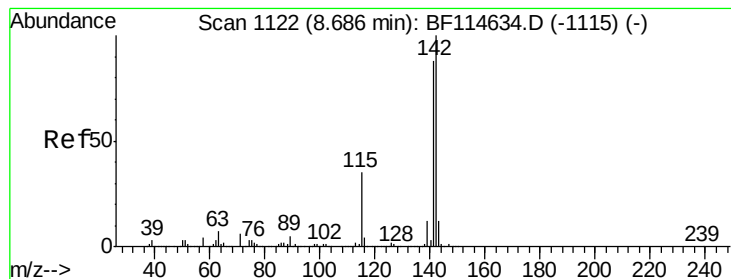
Tot Ion	Ratio	Lower	Upper
113	100		
55	163.1	136.4	176.4
56	117.8	97.0	137.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.619 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	84.4	69.8	104.6

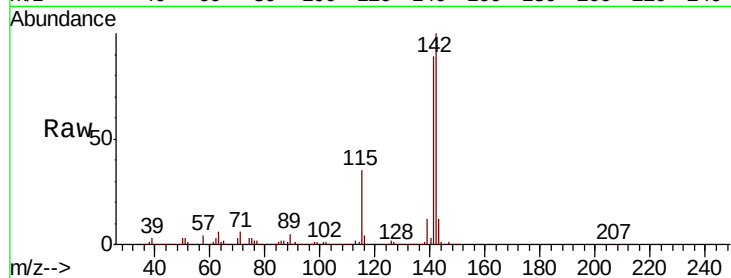




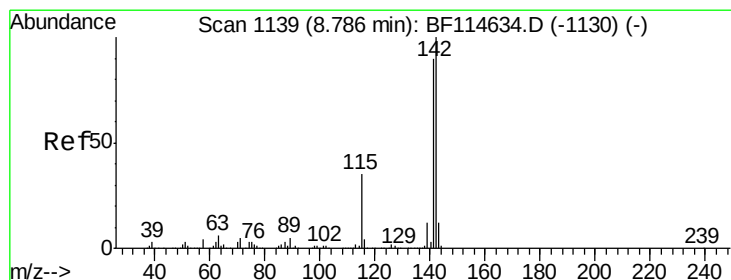
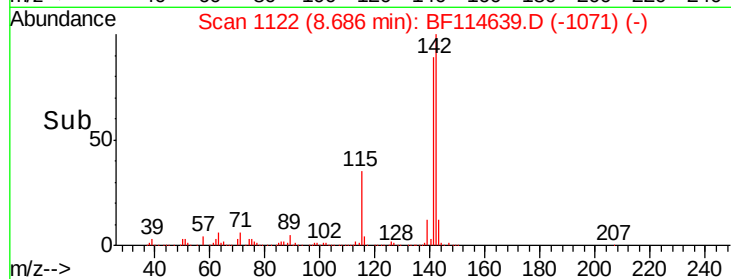
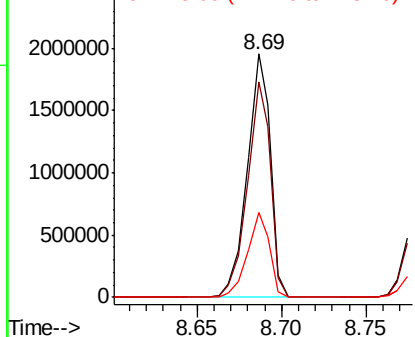
#37
 2-Methylnaphthalene
 Concen: 41.387 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion:142 Resp: 1873462
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.3 105.5
 115 35.1 28.0 42.0

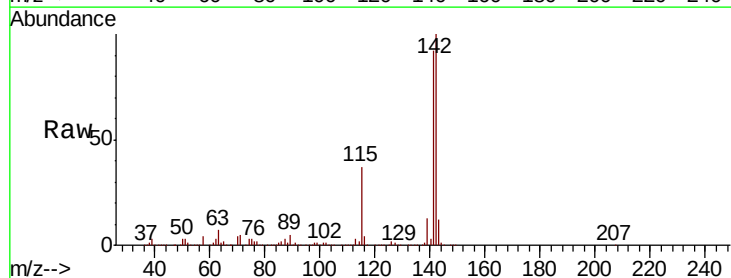


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

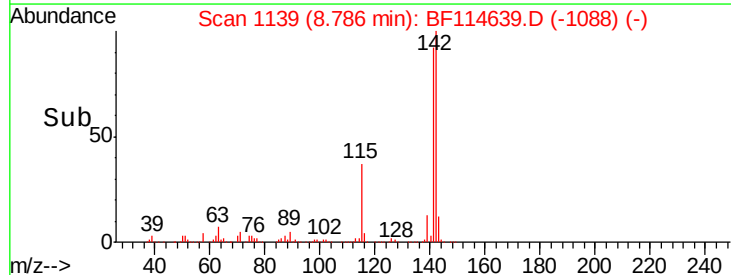
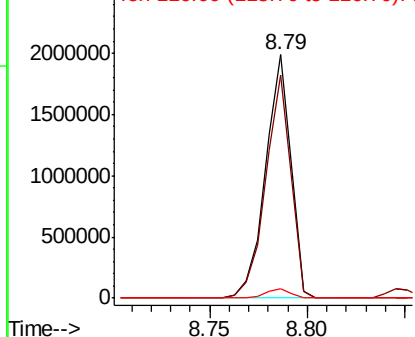


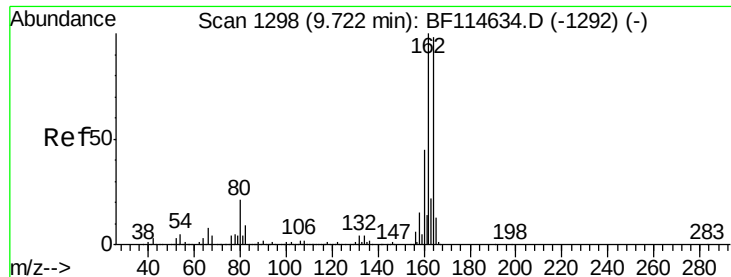
#38
 1-Methylnaphthalene
 Concen: 41.502 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:142 Resp: 1779968
 Ion Ratio Lower Upper
 142 100
 141 91.8 72.3 108.5
 116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

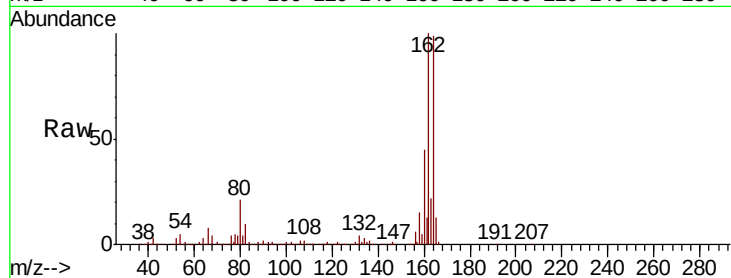
Tot Ion:164 Resp: 731102

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

160 45.7 36.6 54.8

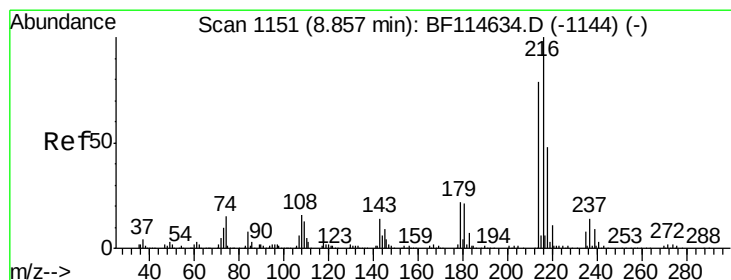
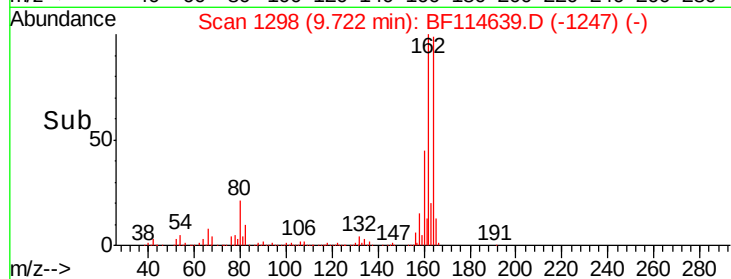
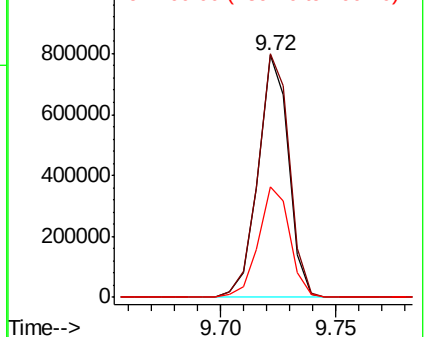


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.153 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Tgt Ion:216 Resp: 820709

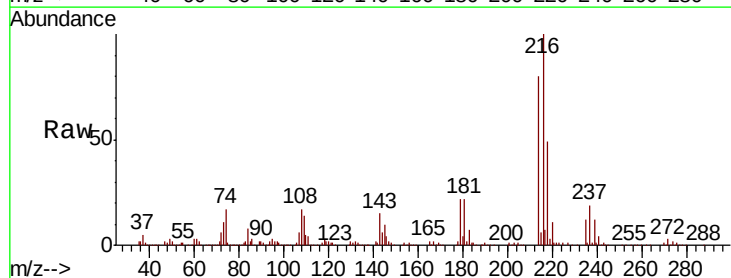
Ion Ratio Lower Upper

216 100

214 79.3 63.2 94.8

179 22.3 17.9 26.9

108 19.7 15.8 23.8



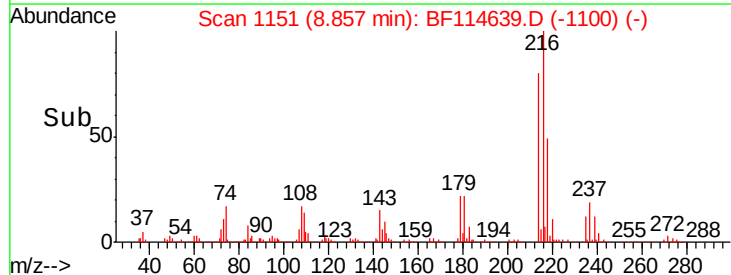
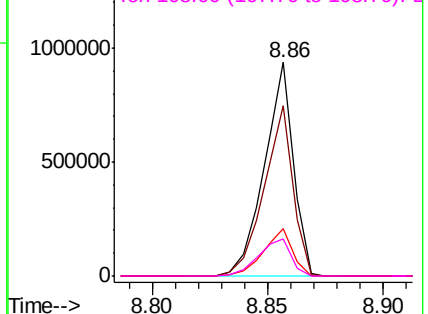
Abundance

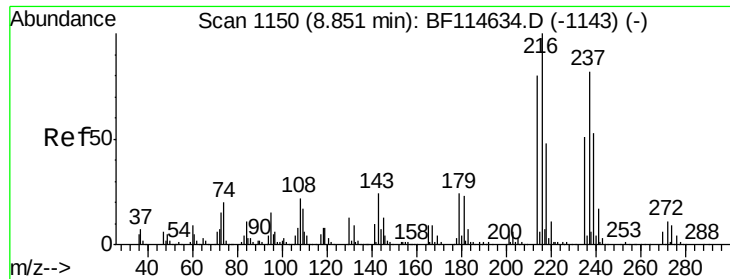
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.097 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

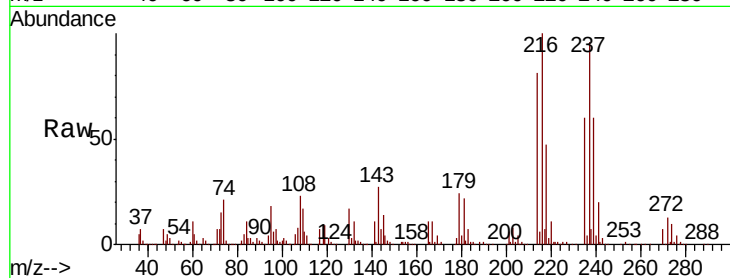
Tot Ion:237 Resp: 528751

Ion Ratio Lower Upper

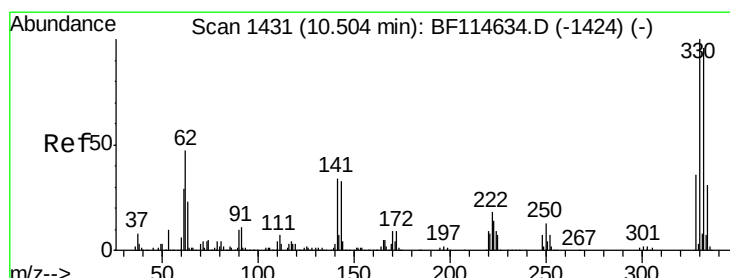
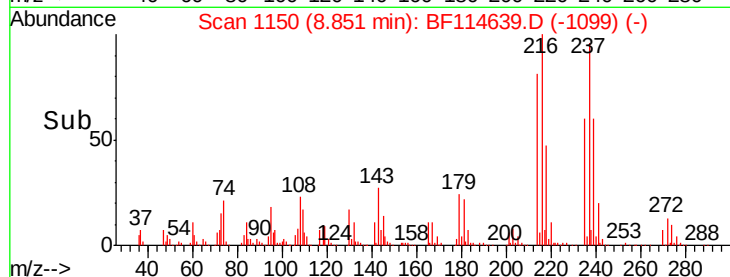
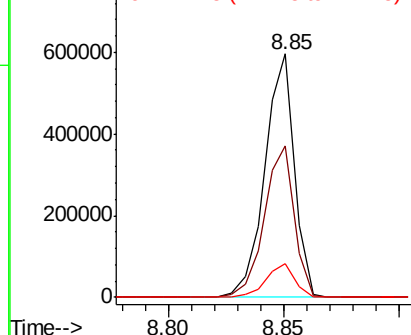
237 100

235 62.4 42.8 82.8

272 13.7 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
800000 Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.355 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

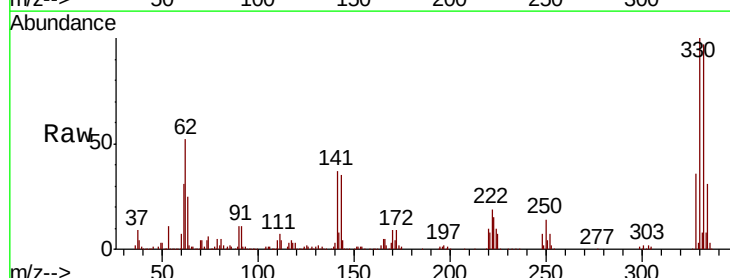
Tgt Ion:330 Resp: 580673

Ion Ratio Lower Upper

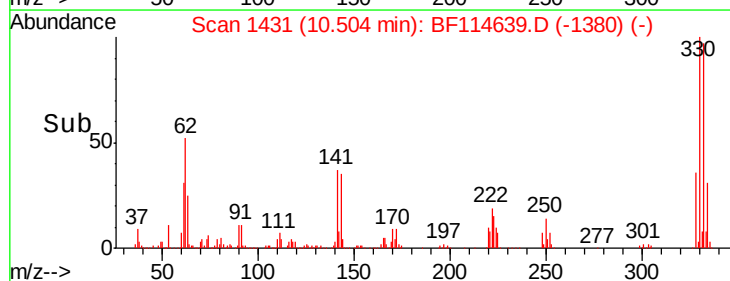
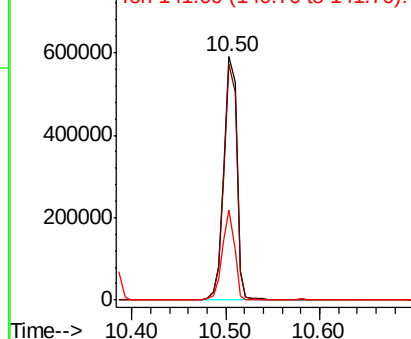
330 100

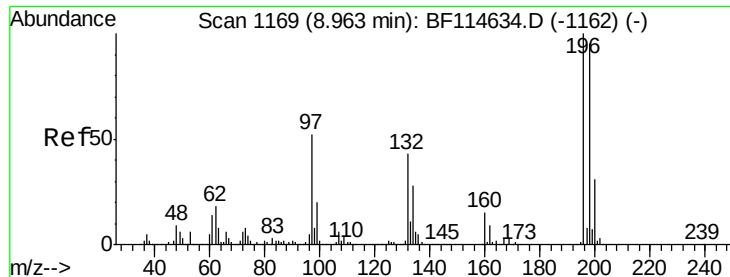
332 95.9 75.8 113.8

141 34.7 27.8 41.8



Abundance Ion 329.80 (329.50 to 330.50): E
800000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

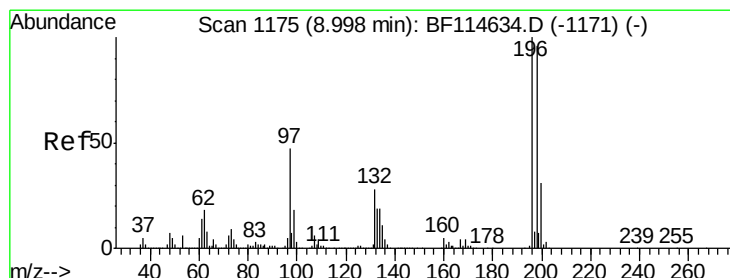
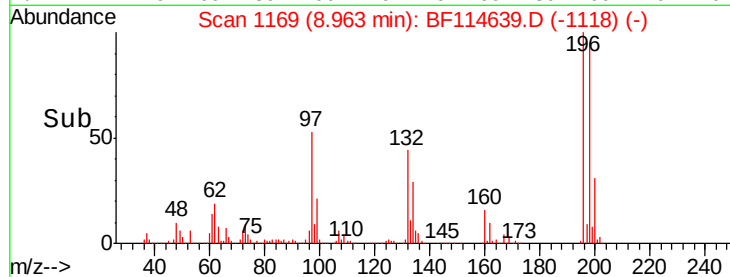
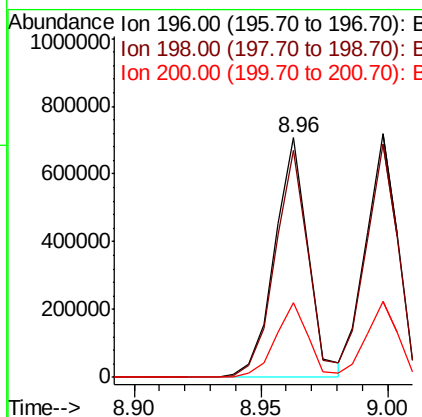
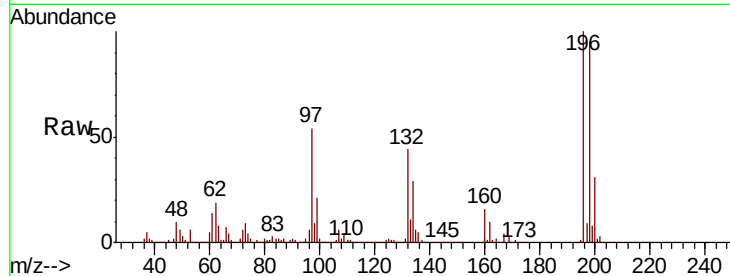




#43
 2,4,6-Trichlorophenol
 Concen: 42.045 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

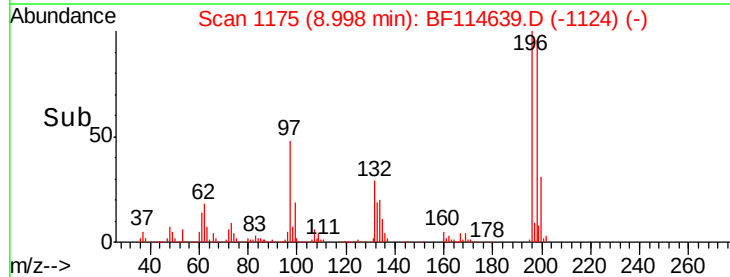
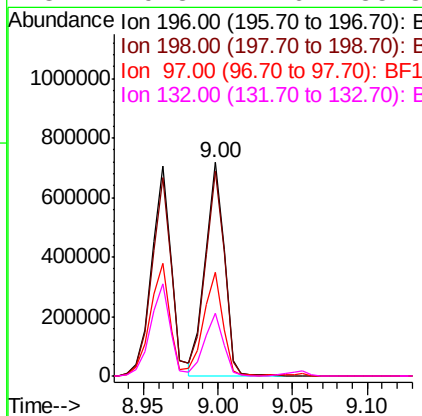
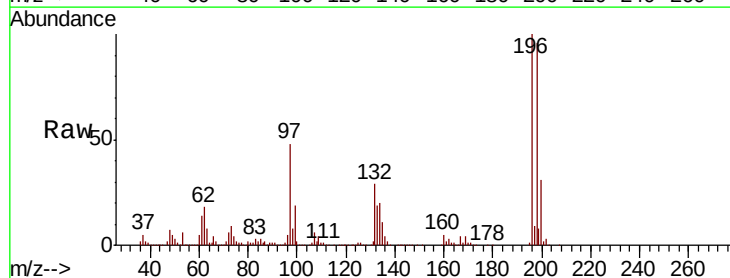
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

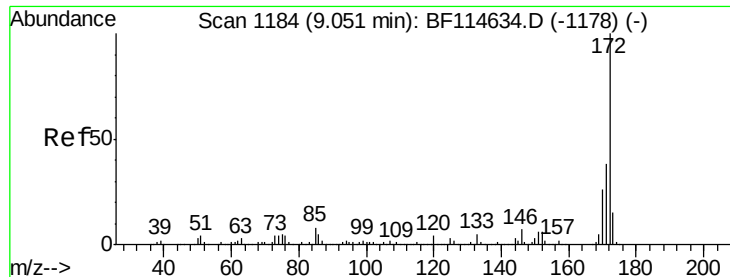
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.1	114.1
200	31.1	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.193 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.8	115.2
97	48.3	37.8	56.8
132	29.3	22.6	33.8

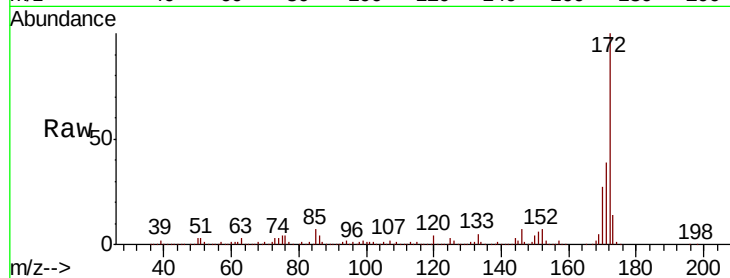




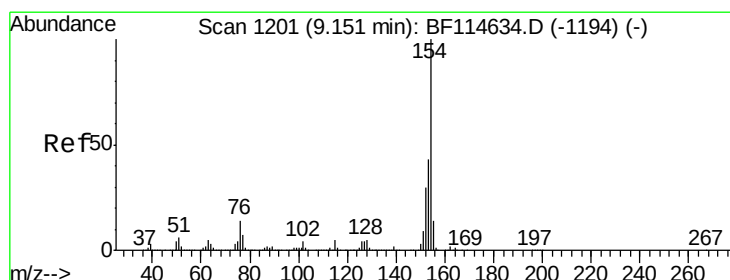
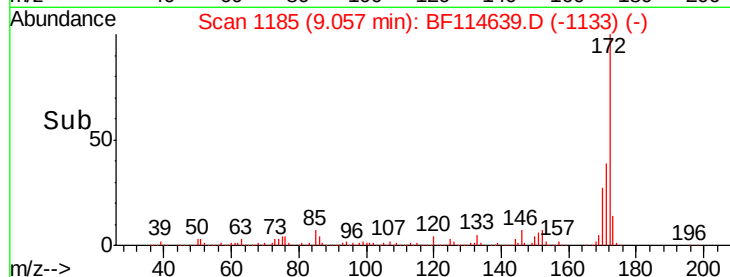
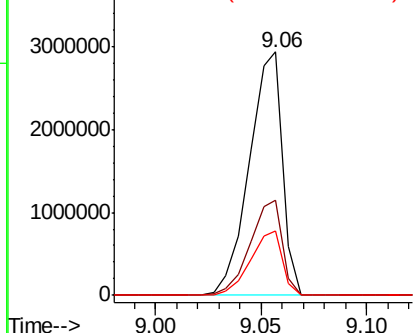
#45
 2-Fluorobiphenyl
 Concen: 81.710 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion:172 Resp: 3204225
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.6 45.8
 170 26.7 20.7 31.1

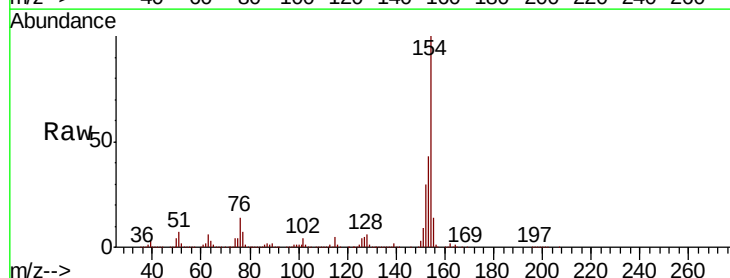


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

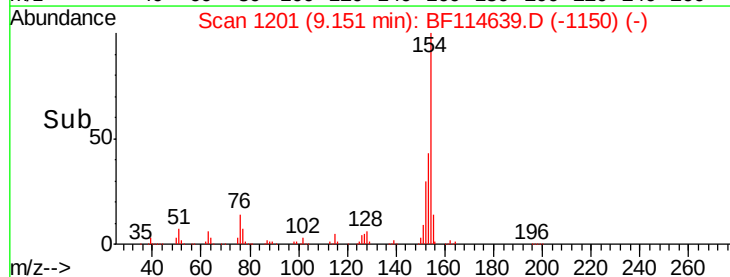
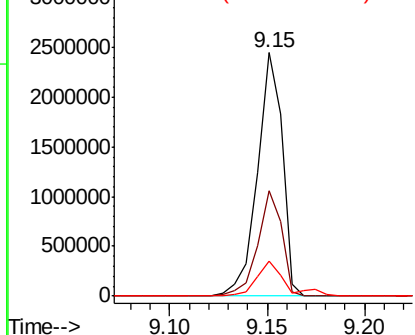


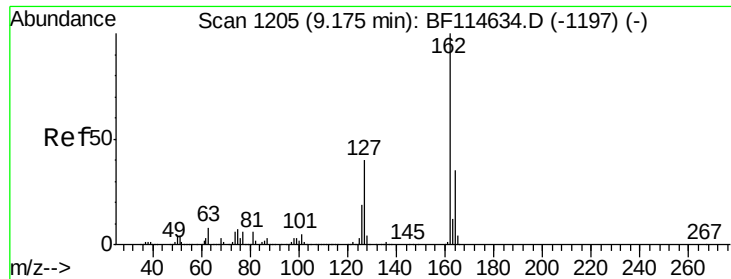
#46
 1,1'-Biphenyl
 Concen: 39.793 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:154 Resp: 2159573
 Ion Ratio Lower Upper
 154 100
 153 43.3 23.0 63.0
 76 14.3 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.715 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

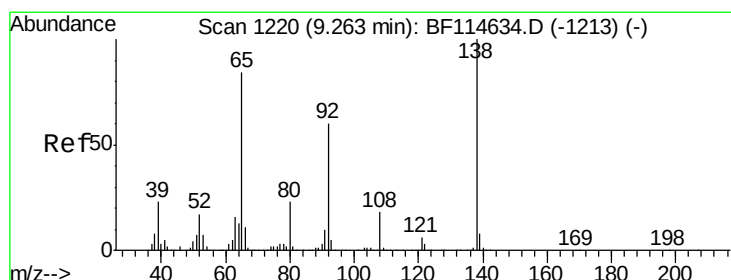
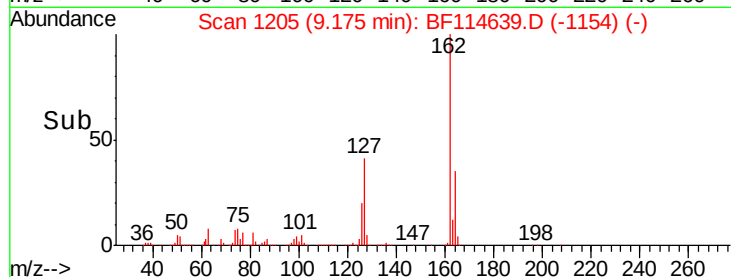
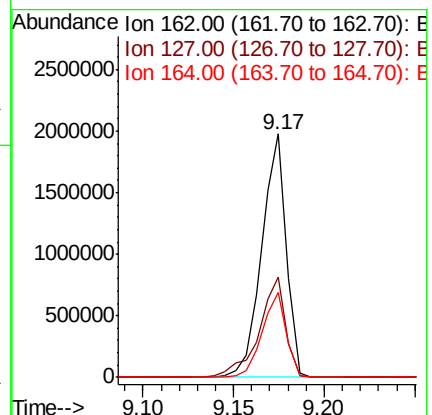
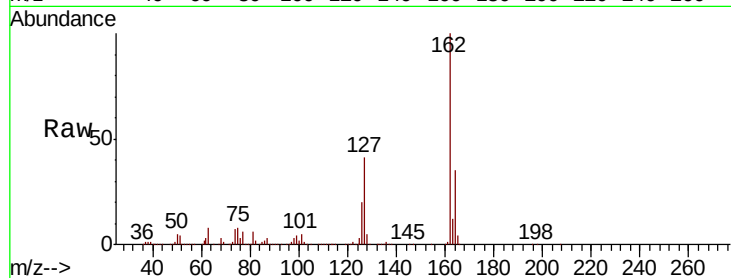
Tot Ion:162 Resp: 1857065

Ion Ratio Lower Upper

162 100

127 41.3 32.2 48.2

164 34.8 27.8 41.6



#48

2-Nitroaniline

Concen: 41.966 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

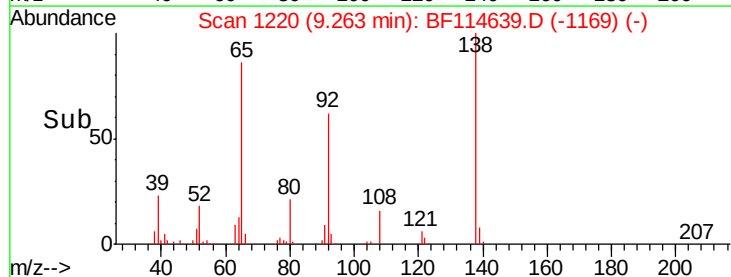
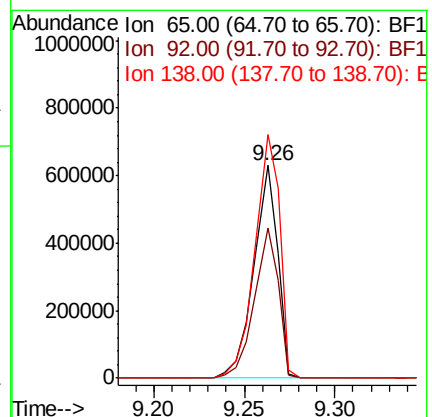
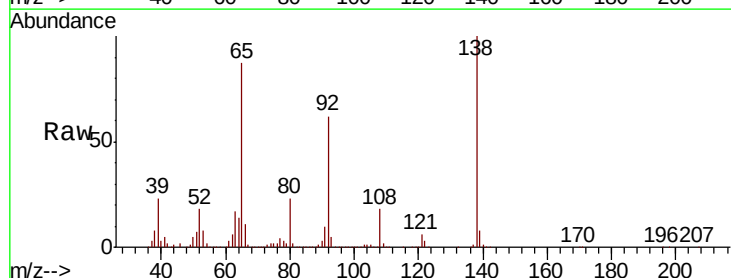
Tgt Ion: 65 Resp: 576520

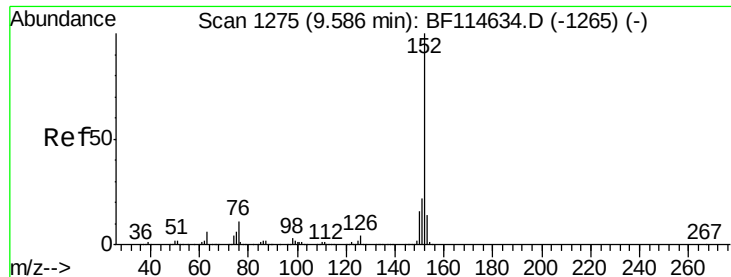
Ion Ratio Lower Upper

65 100

92 71.0 57.1 85.7

138 114.7 95.8 143.6





#49

Acenaphthylene

Concen: 39.984 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

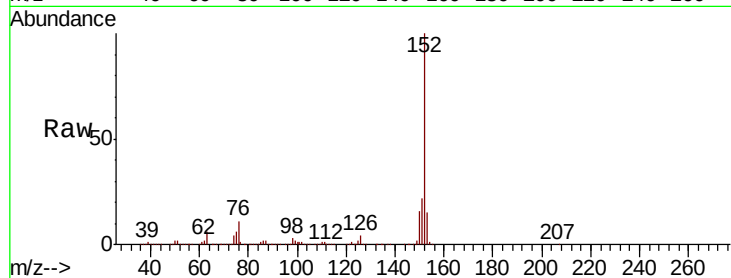
Tot Ion:152 Resp: 2749903

Ion Ratio Lower Upper

152 100

151 22.4 17.5 26.3

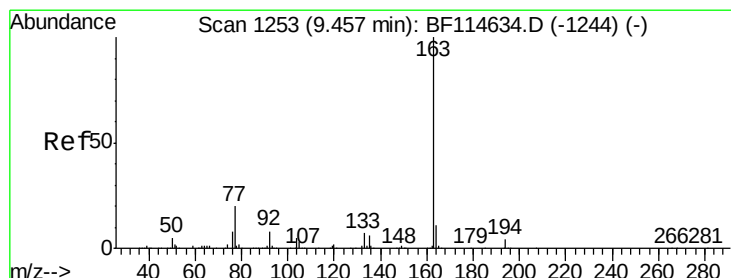
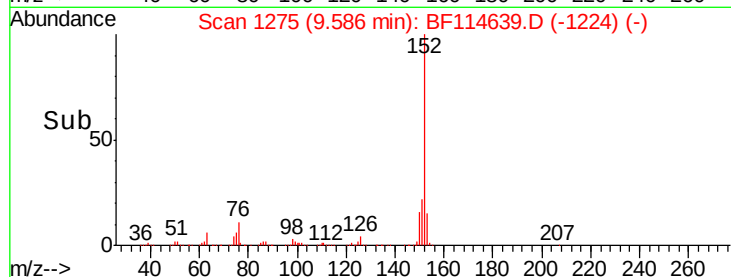
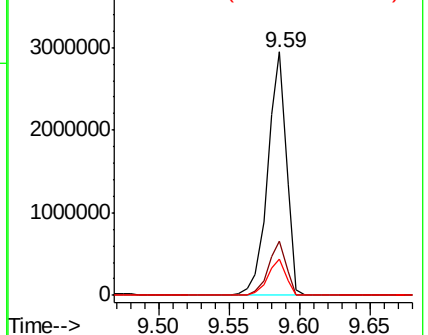
153 14.9 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.625 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

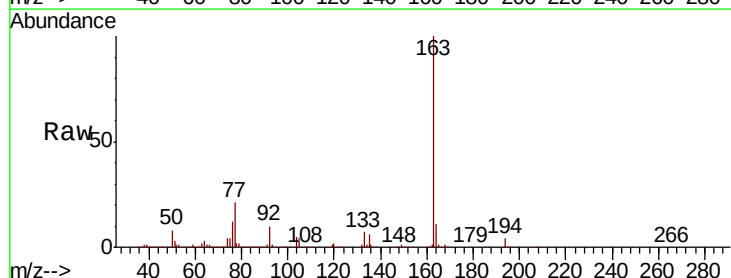
Tgt Ion:163 Resp: 2120560

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

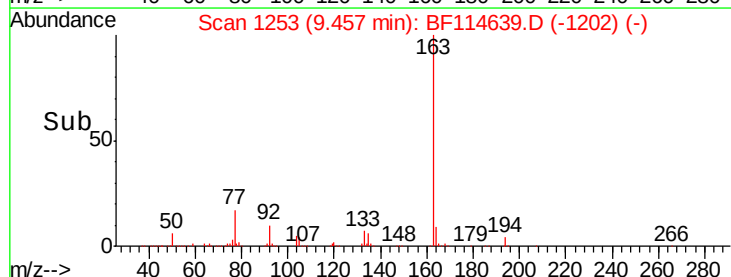
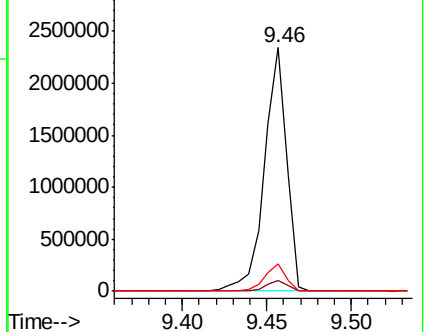
164 11.0 8.6 13.0

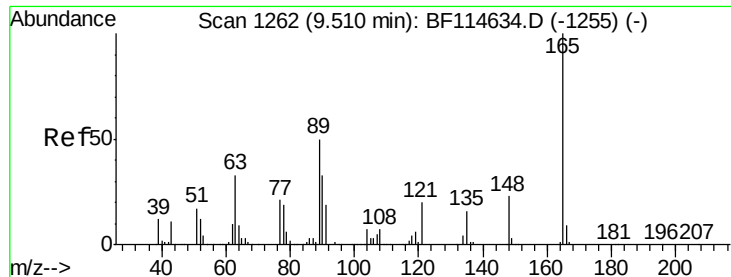


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

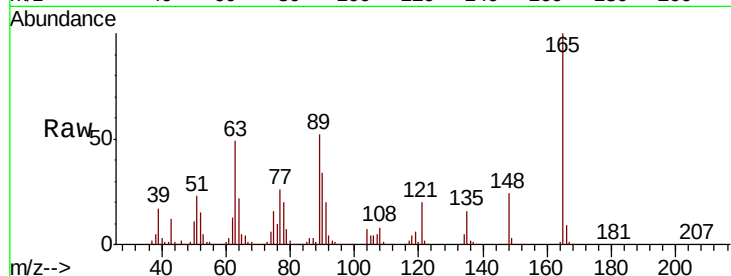




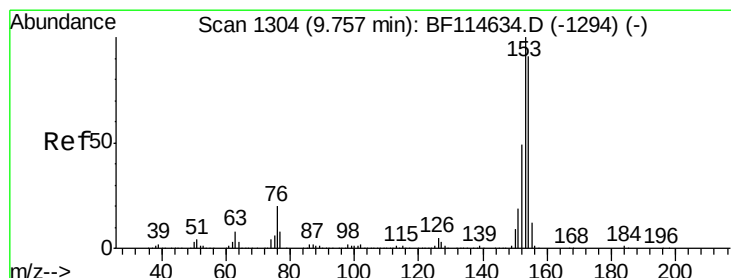
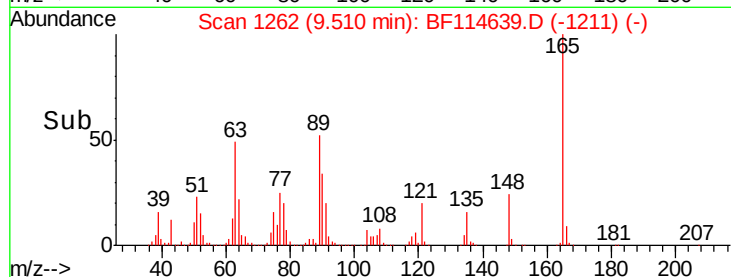
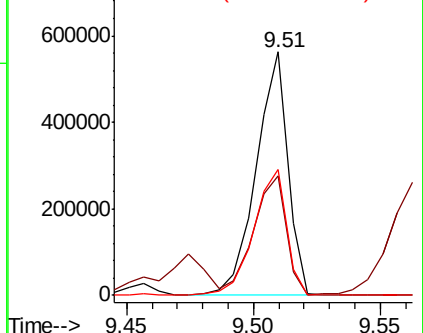
#51
 2,6-Dinitrotoluene
 Concen: 41.526 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion:165 Resp: 491573
 Ion Ratio Lower Upper
 165 100
 63 48.9 36.6 54.8
 89 51.9 40.2 60.4

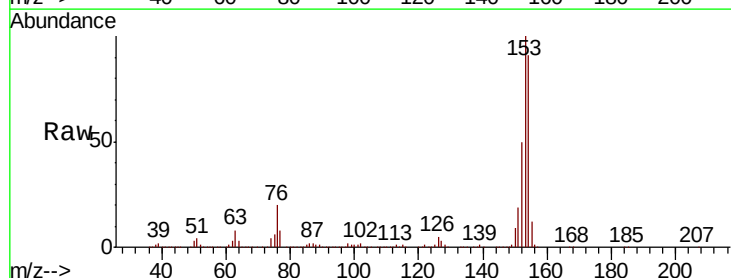


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

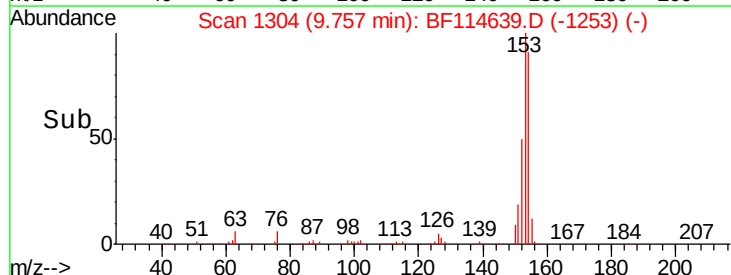
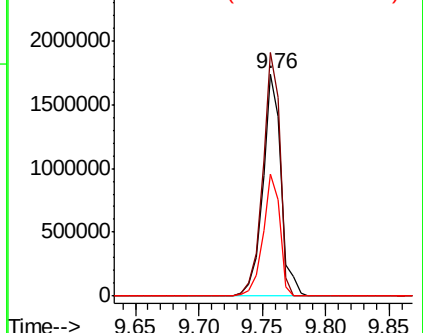


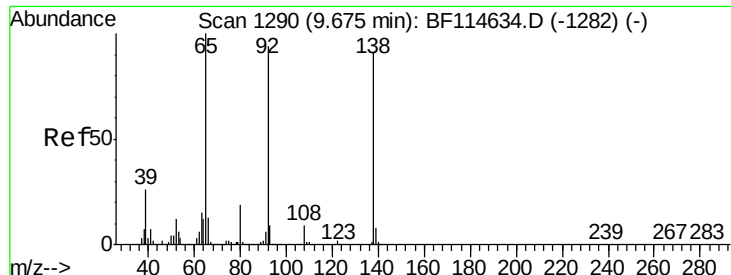
#52
 Acenaphthene
 Concen: 41.451 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:154 Resp: 1748296
 Ion Ratio Lower Upper
 154 100
 153 109.5 88.4 132.6
 152 54.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

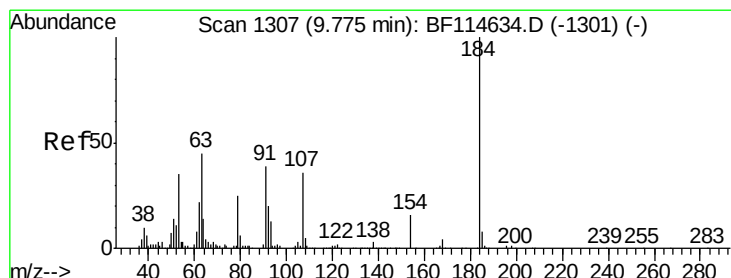
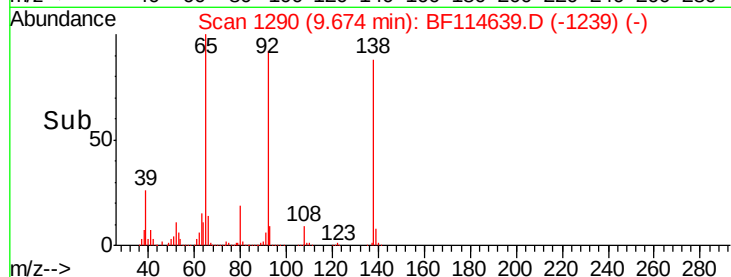
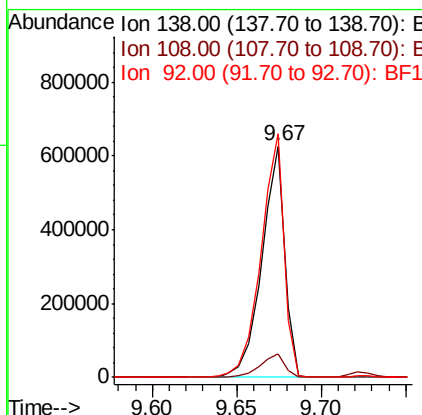
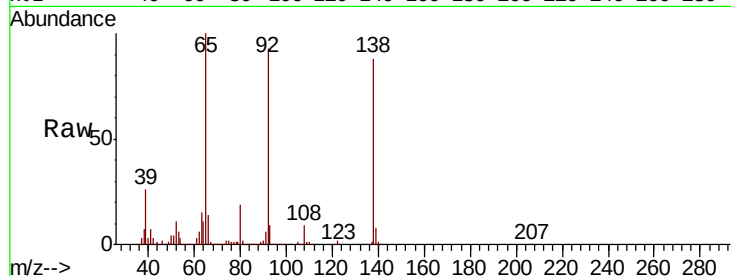




#53
 3-Nitroaniline
 Concen: 40.429 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

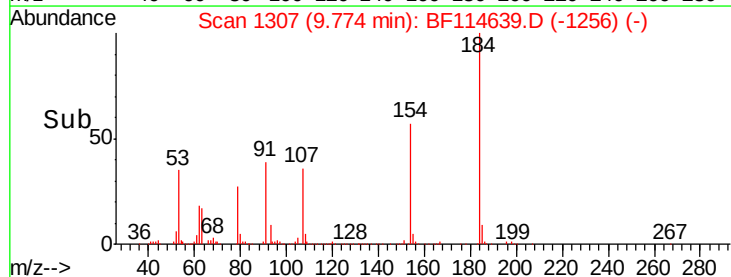
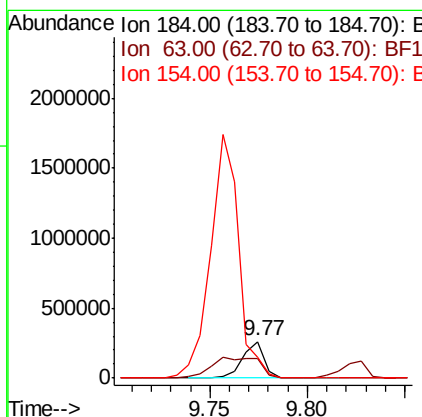
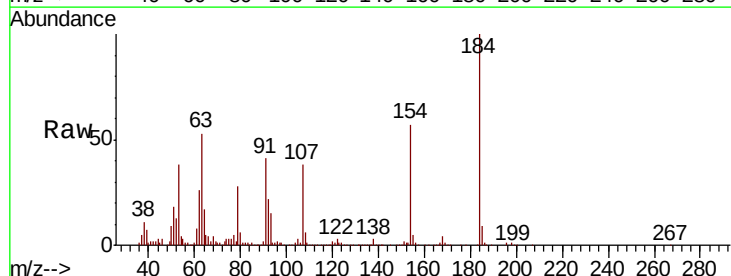
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

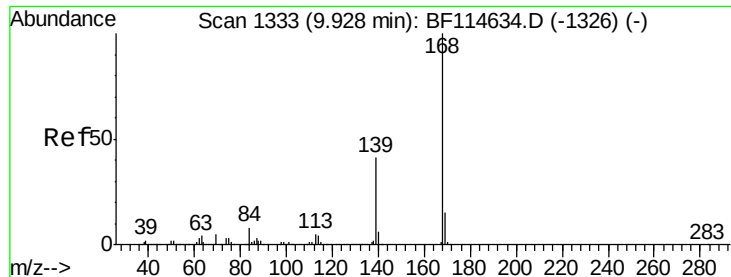
Tot Ion:138 Resp: 585727
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.3 12.5
 92 105.4 83.1 124.7



#54
 2,4-Dinitrophenol
 Concen: 43.078 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:184 Resp: 201143
 Ion Ratio Lower Upper
 184 100
 63 53.4 38.8 58.2
 154 57.3 43.7 65.5

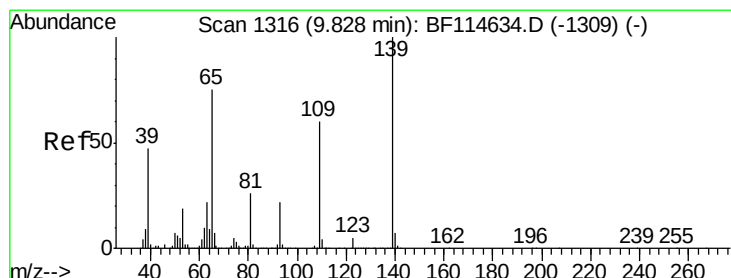
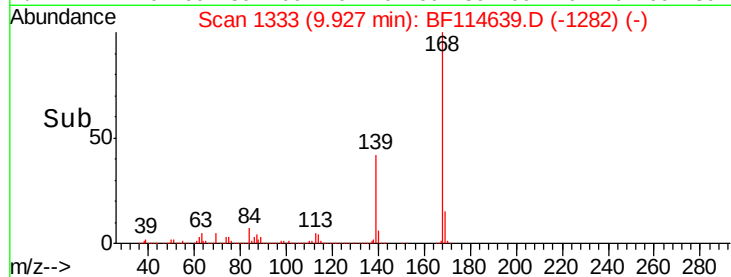
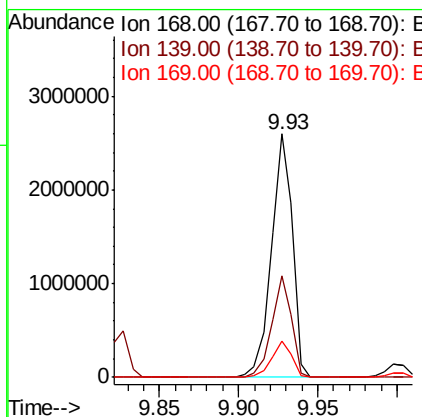
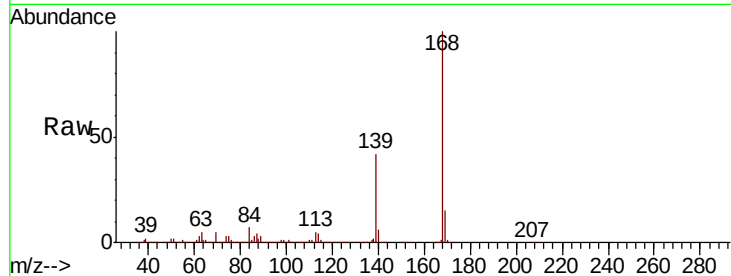




#55
Dibenzofuran
Concen: 39.793 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

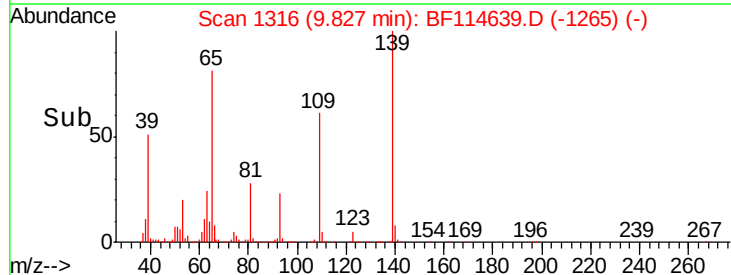
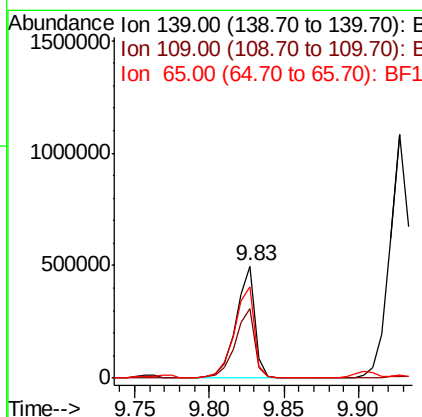
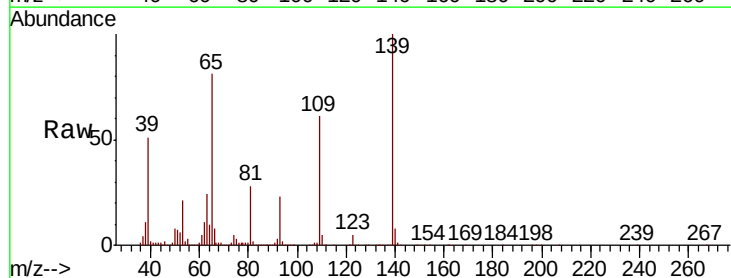
Instrument :
BNA_F
ClientSampleId :
ICVBF052919

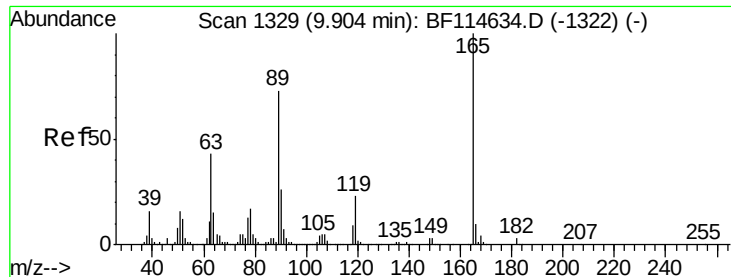
Tot Ion:168 Resp: 2389096
Ion Ratio Lower Upper
168 100
139 41.7 32.6 48.8
169 15.0 11.8 17.8



#56
4-Nitrophenol
Concen: 41.184 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:139 Resp: 442171
Ion Ratio Lower Upper
139 100
109 61.5 40.4 80.4
65 81.4 54.7 94.7

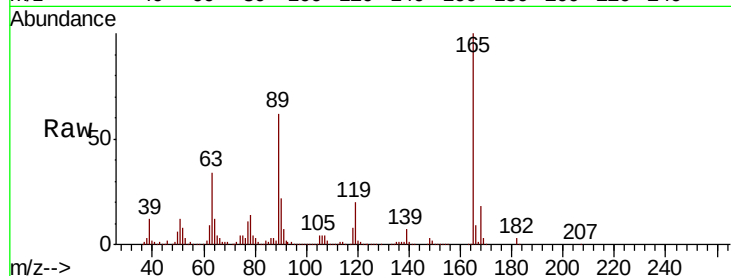




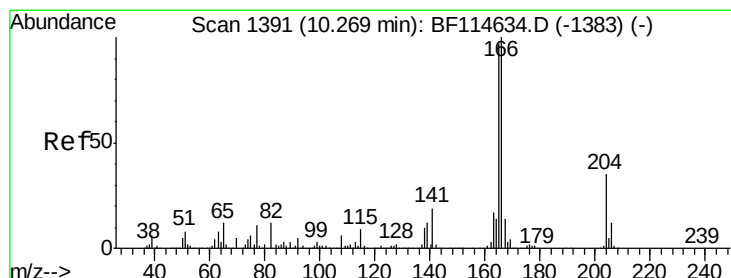
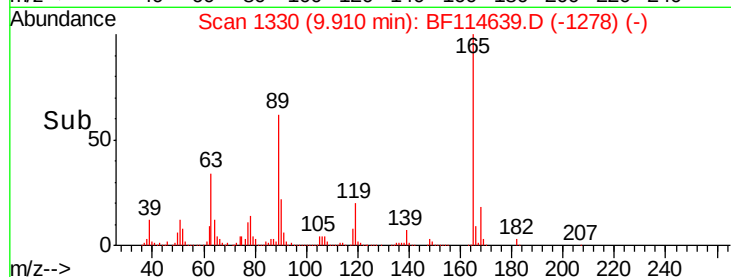
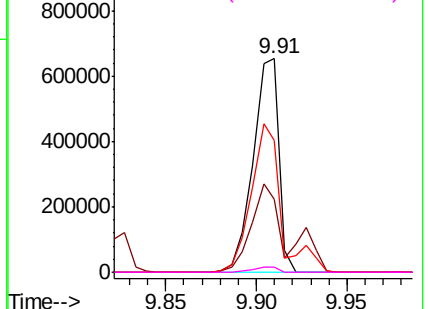
#57
2,4-Dinitrotoluene
Concen: 42.737 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:165 Resp: 649268
Ion Ratio Lower Upper
165 100
63 34.3 34.8 52.2#
89 61.7 58.5 87.7
182 2.6 2.2 3.2

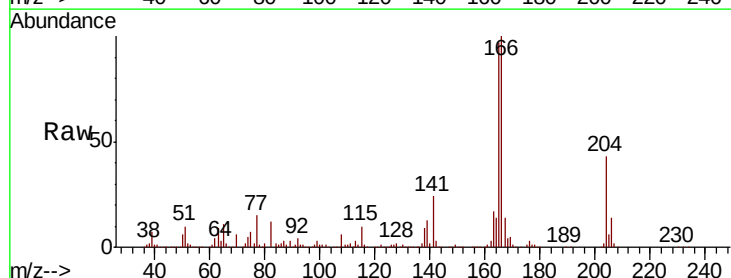


Abundance Ion 165.00 (164.70 to 165.70): E
1000000 Ion 63.00 (62.70 to 63.70): BF1
800000 Ion 89.00 (88.70 to 89.70): BF1
600000 Ion 182.00 (181.70 to 182.70): E
400000
200000
0

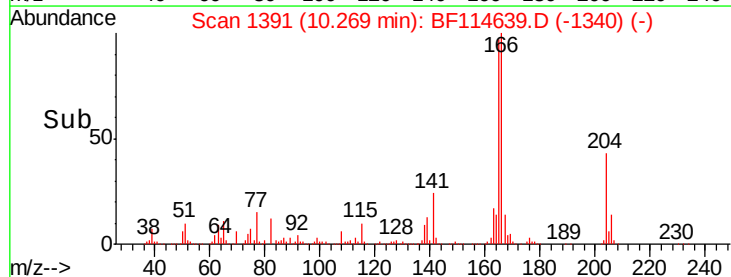
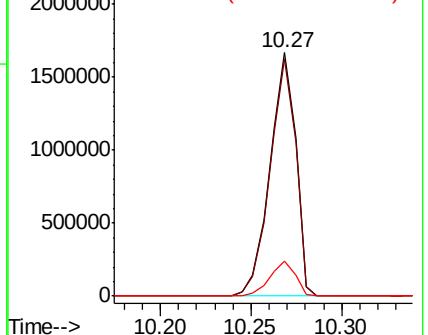


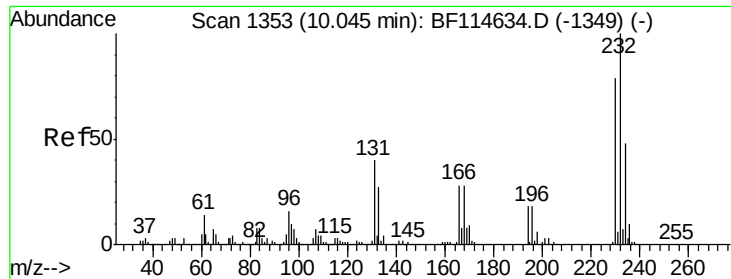
#58
Fluorene
Concen: 40.511 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:166 Resp: 1652592
Ion Ratio Lower Upper
166 100
165 97.3 77.6 116.4
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
2000000 Ion 165.00 (164.70 to 165.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
1000000
500000
0

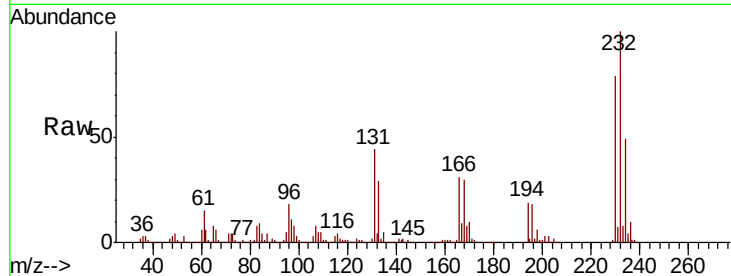




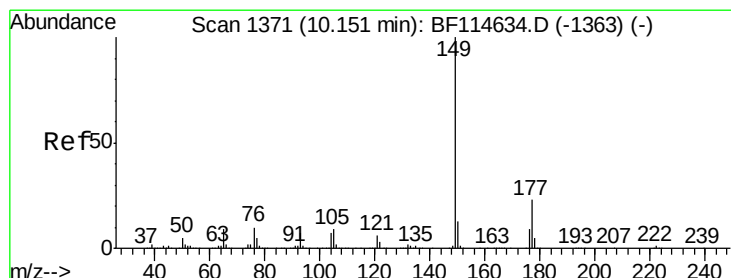
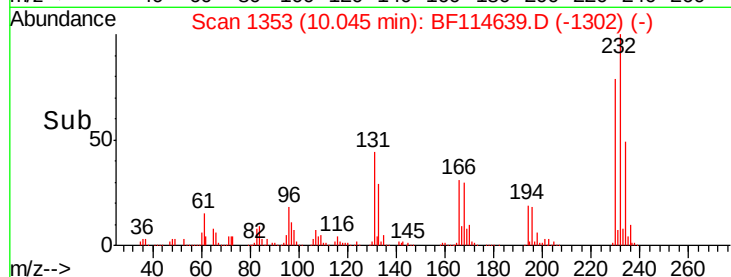
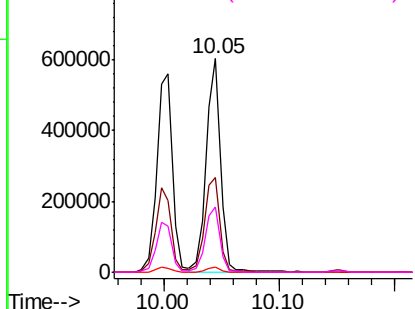
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.667 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:	232	Resp:	521386
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.2	55.8
130	2.3	1.8	2.8
166	31.4	24.8	37.2

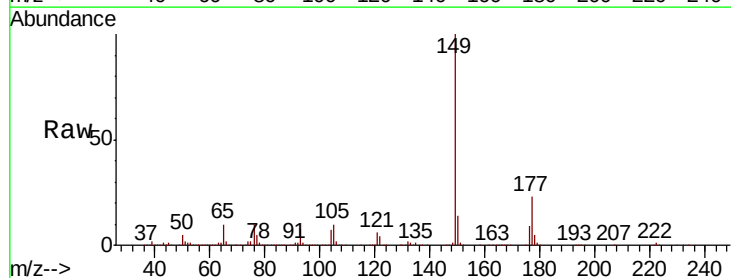


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

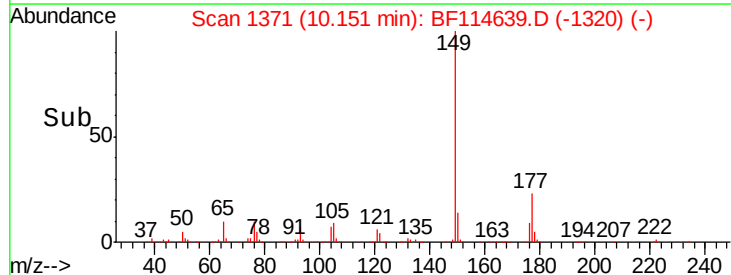
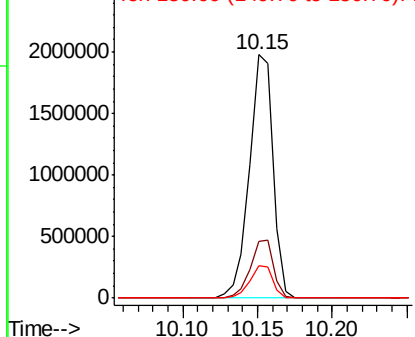


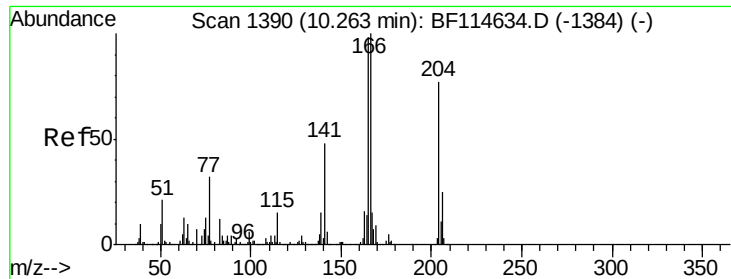
#60
Diethylphthalate
Concen: 41.377 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:	149	Resp:	2152919
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	28.0
150	13.5	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

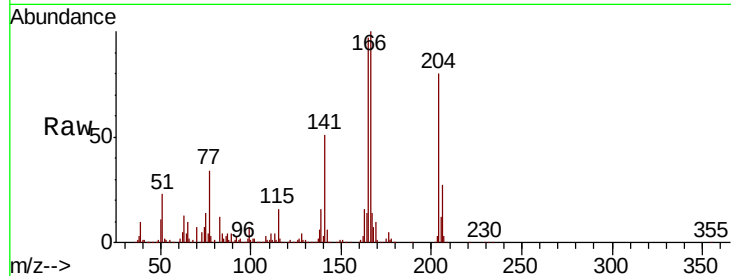




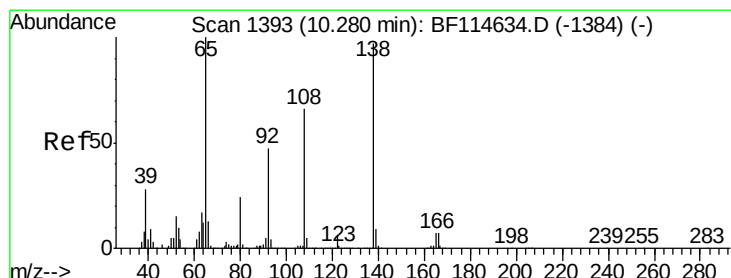
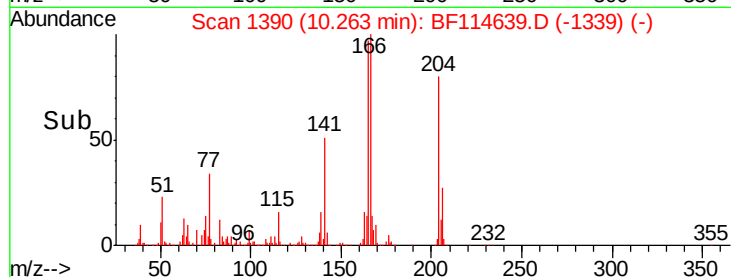
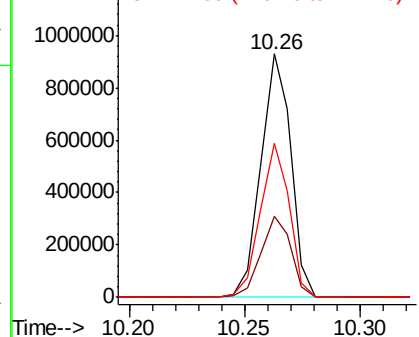
#61
 4-Chlorophenyl-phenylether
 Concen: 41.214 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion:204 Resp: 844297
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.4 39.6
 141 63.3 50.0 75.0

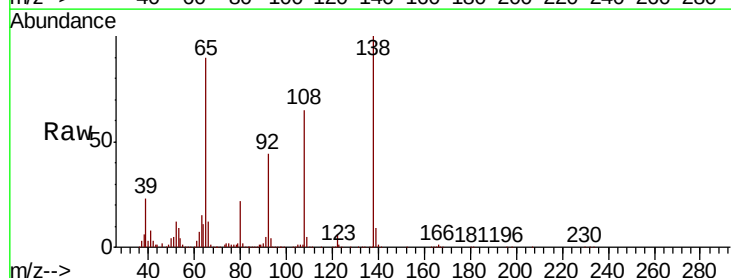


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

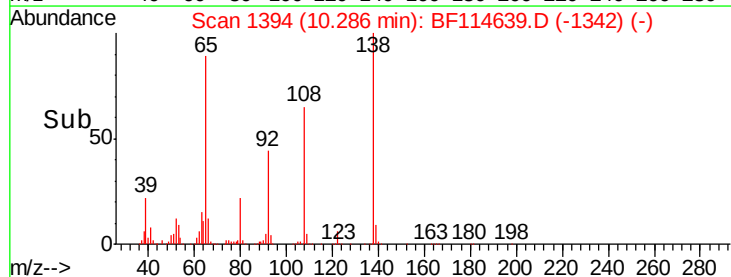
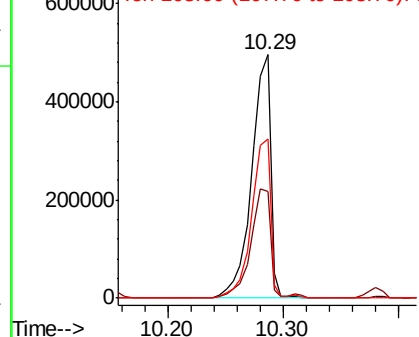


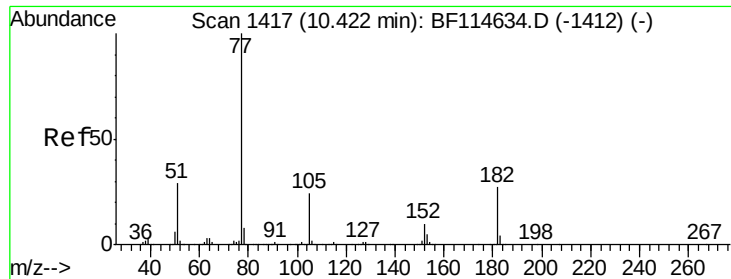
#62
 4-Nitroaniline
 Concen: 40.069 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:138 Resp: 565679
 Ion Ratio Lower Upper
 138 100
 92 43.8 28.0 68.0
 108 65.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.414 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

Tot Ion: 77 Resp: 1978385

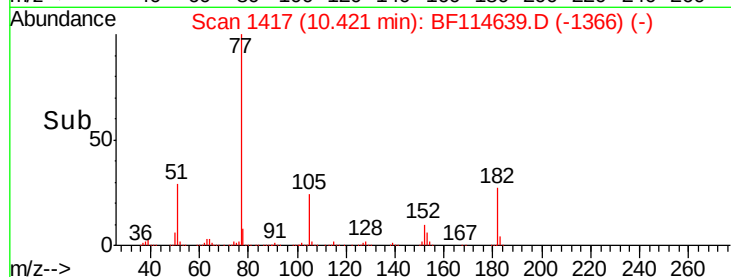
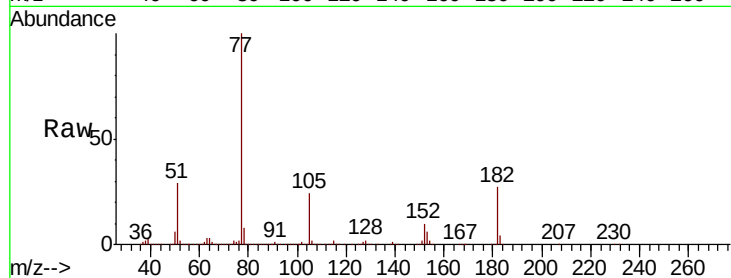
Ion Ratio Lower Upper

77 100

182 26.9 7.0 47.0

105 24.2 3.7 43.7

51 28.9 9.1 49.1

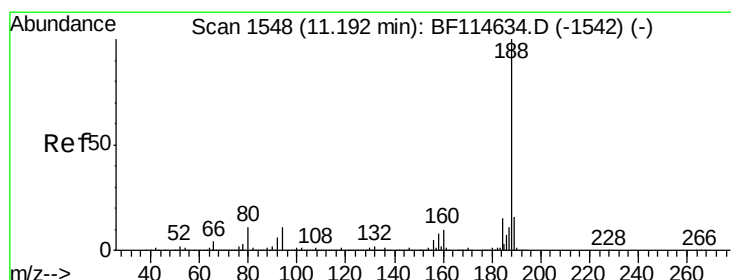
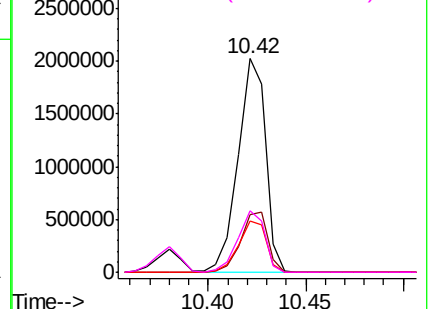


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

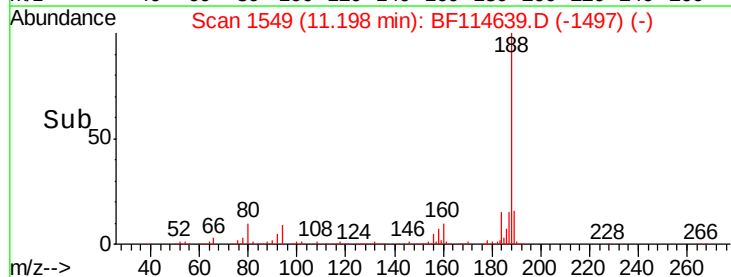
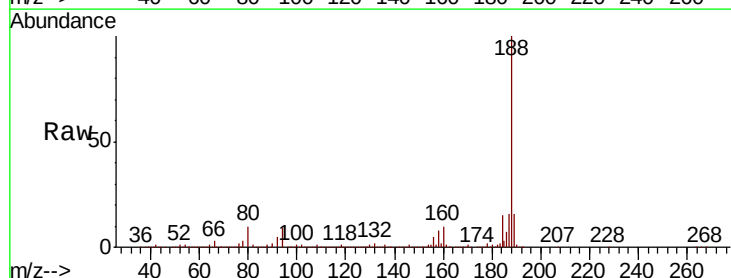
Tgt Ion: 188 Resp: 1385876

Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

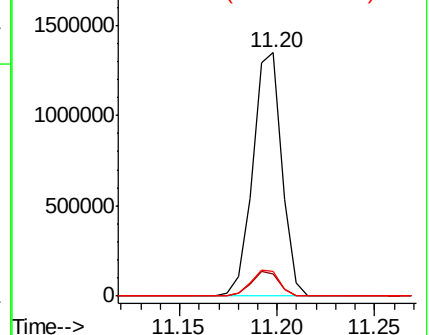
80 9.9 9.0 13.6

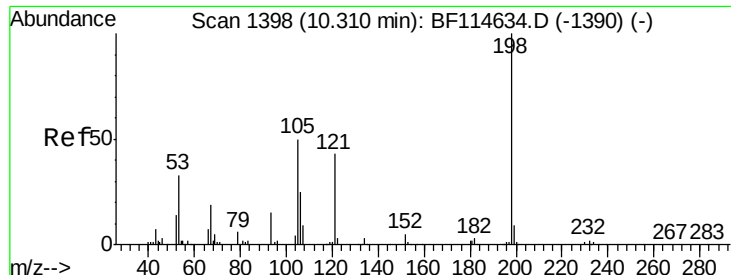


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.004 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

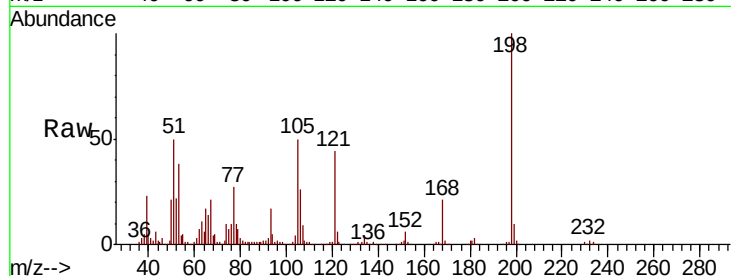
Tot Ion:198 Resp: 270413

Ion	Ratio	Lower	Upper
198	100		
51	49.9	29.0	69.0
105	49.6	30.4	70.4

198 100

51 49.9 29.0 69.0

105 49.6 30.4 70.4

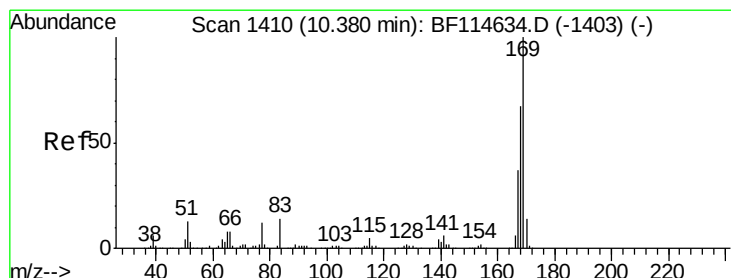
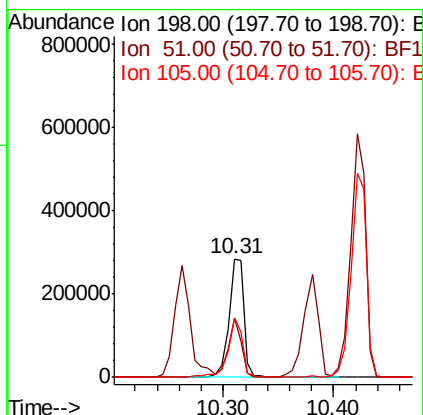
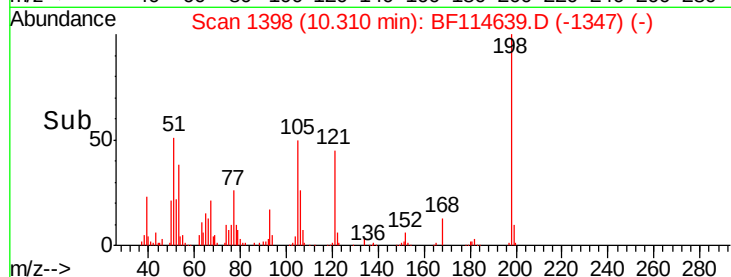


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.735 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

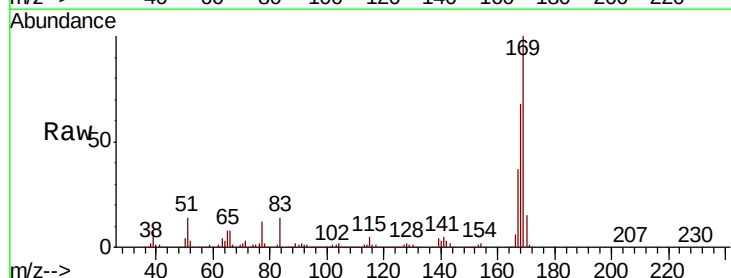
Tgt Ion:169 Resp: 1708863

Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.8	80.8
167	37.3	29.8	44.6

169 100

168 68.3 53.8 80.8

167 37.3 29.8 44.6

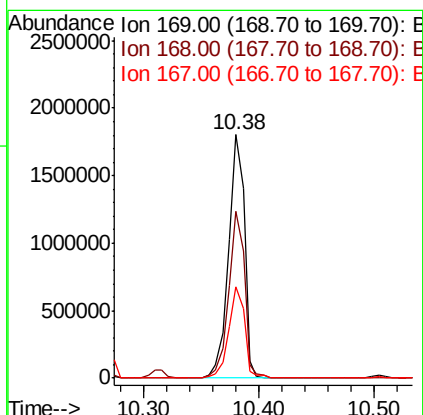
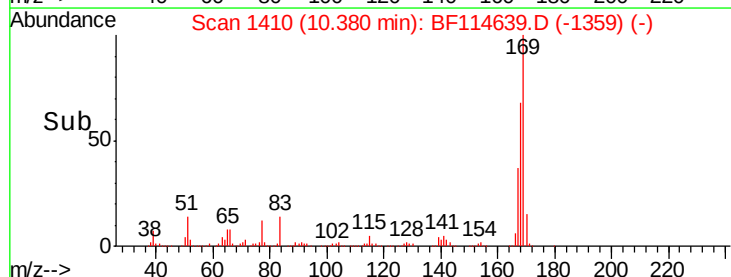


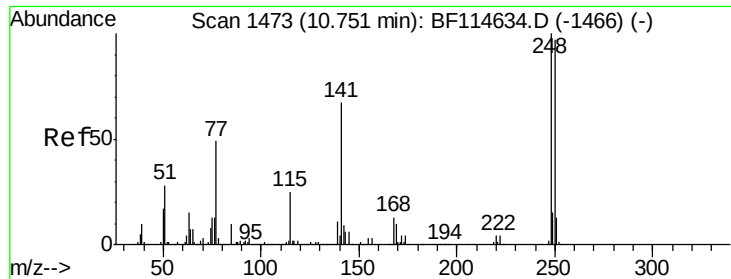
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

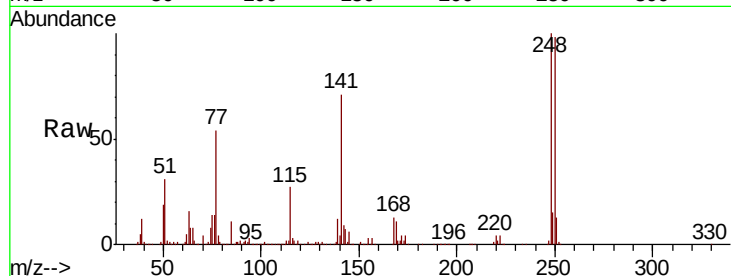




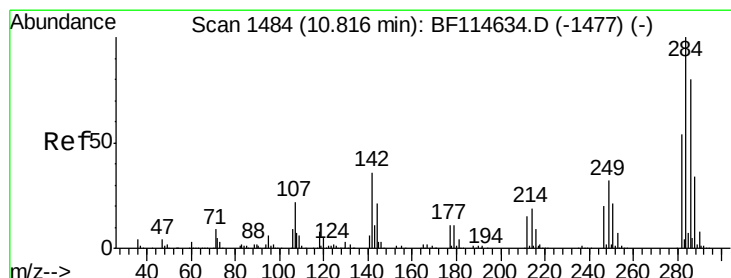
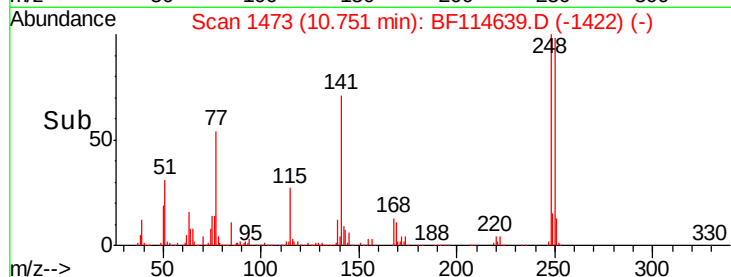
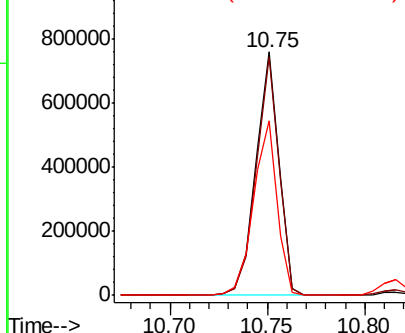
#67
4-Bromophenyl-phenylether
Concen: 41.748 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:248 Resp: 620447
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 71.4 53.8 80.8

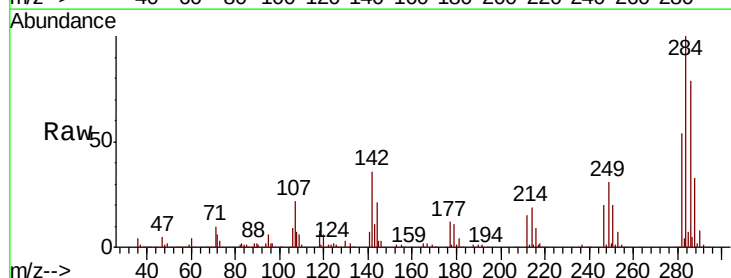


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

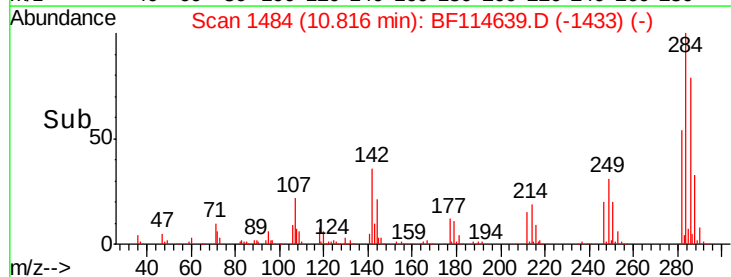
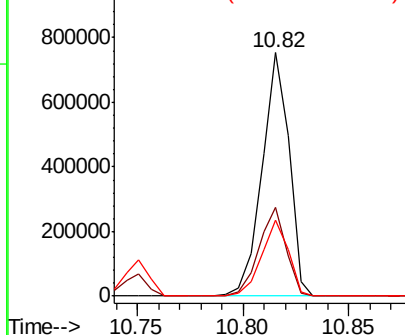


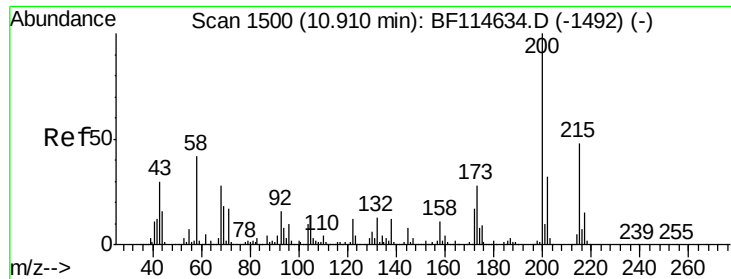
#68
Hexachlorobenzene
Concen: 41.623 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:284 Resp: 670006
Ion Ratio Lower Upper
284 100
142 36.2 28.9 43.3
249 31.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.612 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

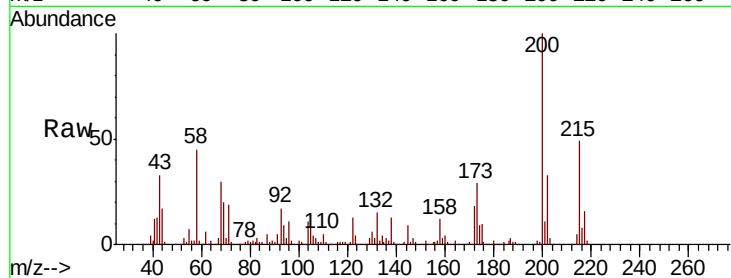
Tot Ion:200 Resp: 521840

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

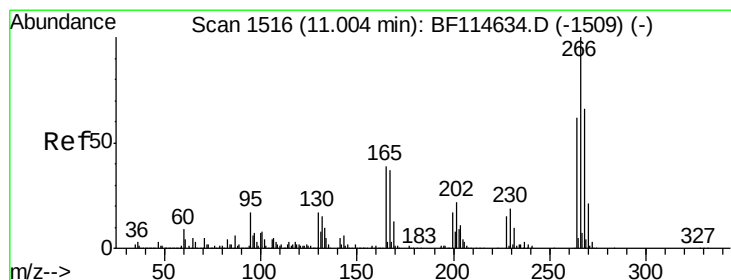
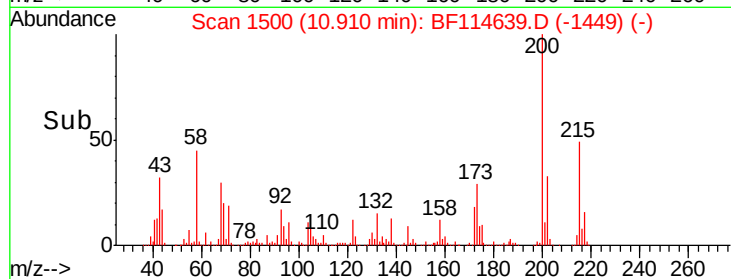
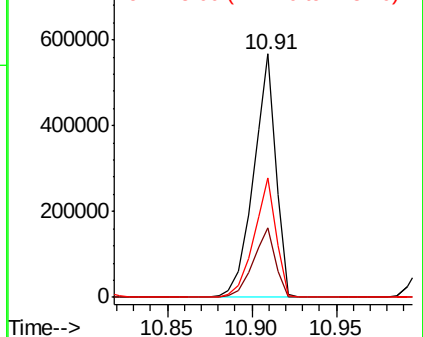
215 48.9 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.881 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

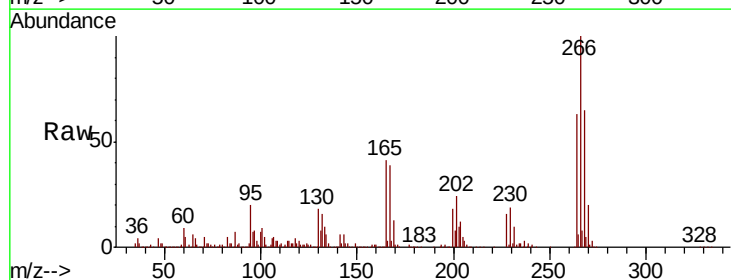
Tgt Ion:266 Resp: 397897

Ion Ratio Lower Upper

266 100

268 64.6 52.8 79.2

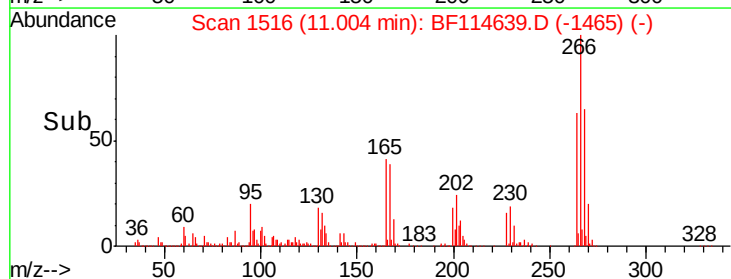
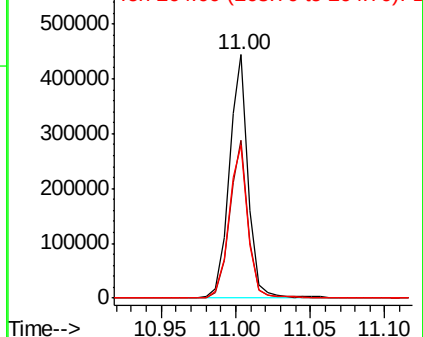
264 62.9 49.9 74.9

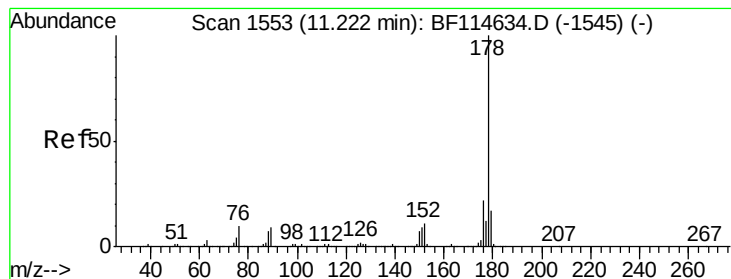


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.456 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

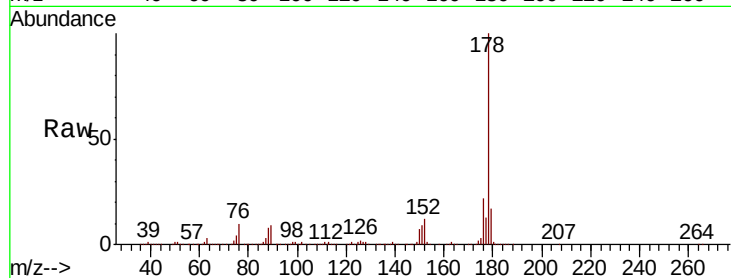
Tot Ion:178 Resp: 2724023

Ion Ratio Lower Upper

178 100

176 21.8 17.2 25.8

179 17.4 13.9 20.9

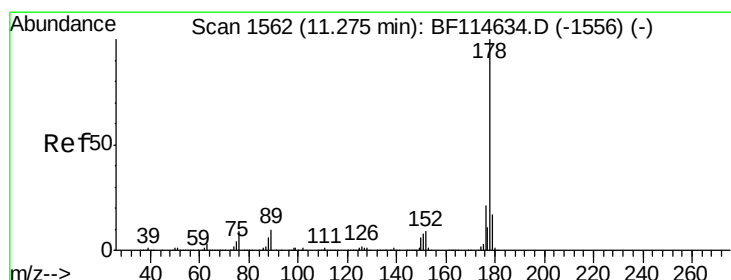
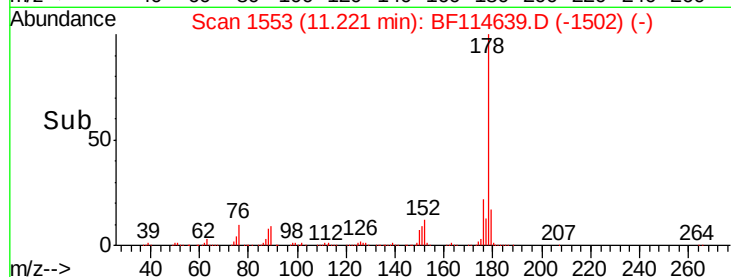
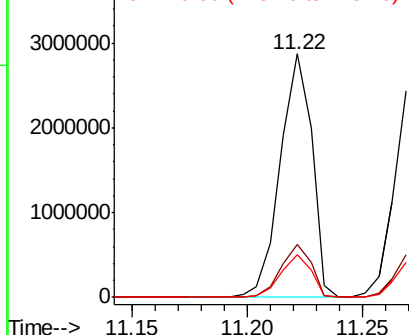


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.405 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

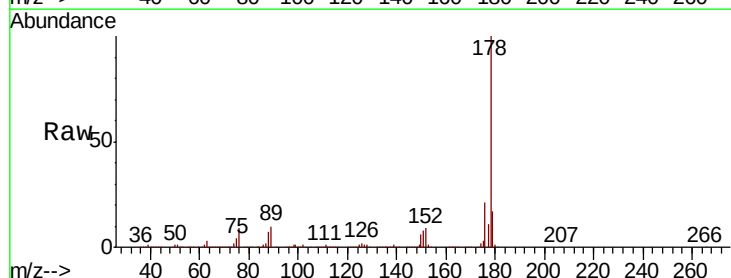
Tgt Ion:178 Resp: 2759563

Ion Ratio Lower Upper

178 100

176 21.1 16.6 24.8

179 17.4 13.4 20.0

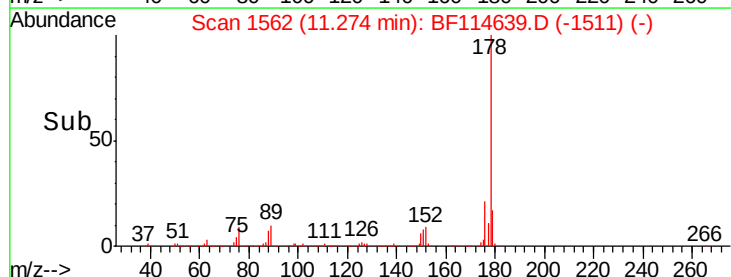
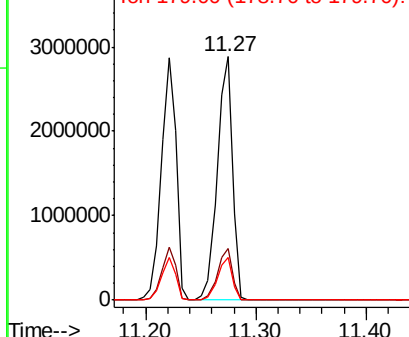


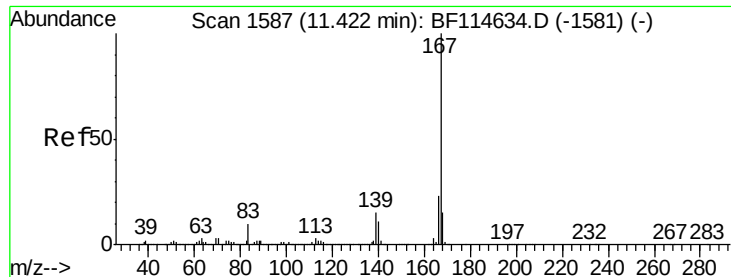
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



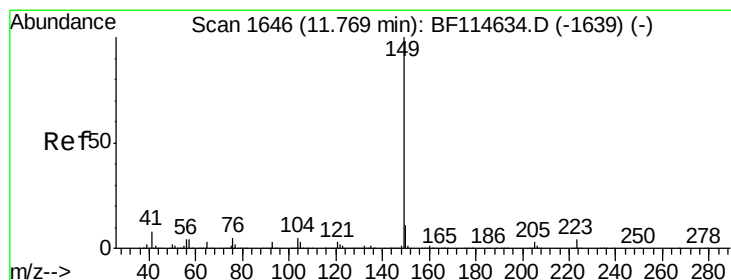
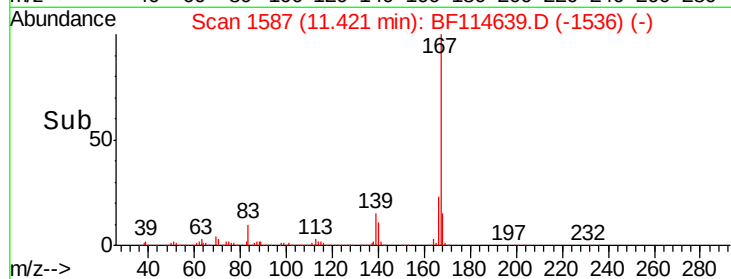
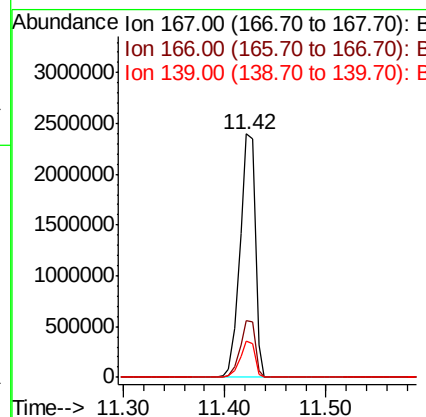
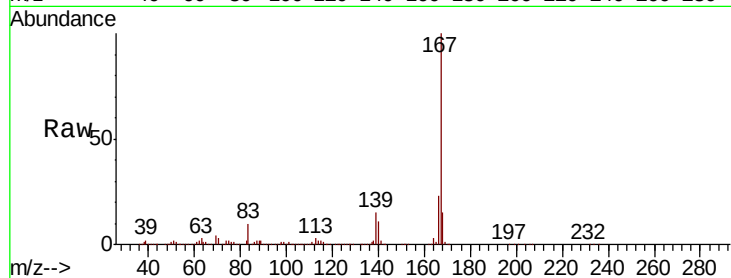


#73
 Carbazole
 Concen: 40.396 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052919

Tot Ion:167 Resp: 2505293

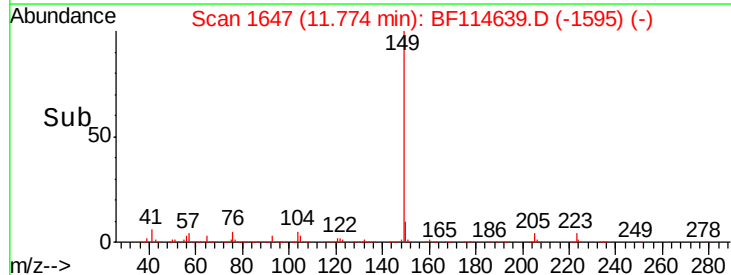
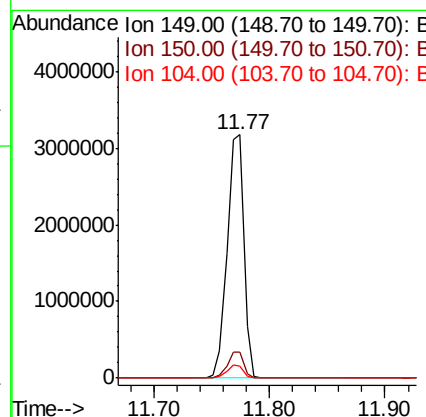
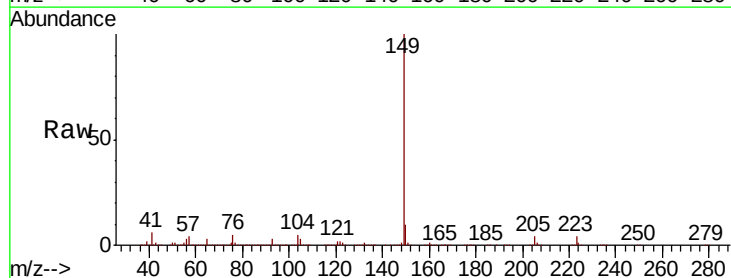
Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.7	28.1
139	14.9	11.8	17.8

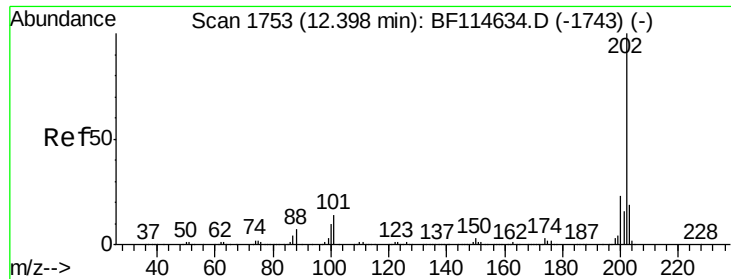


#74
 Di-n-butylphthalate
 Concen: 40.910 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114639.D
 Acq: 29 May 2019 18:00

Tgt Ion:149 Resp: 3177429

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.6	12.8
104	5.0	4.3	6.5

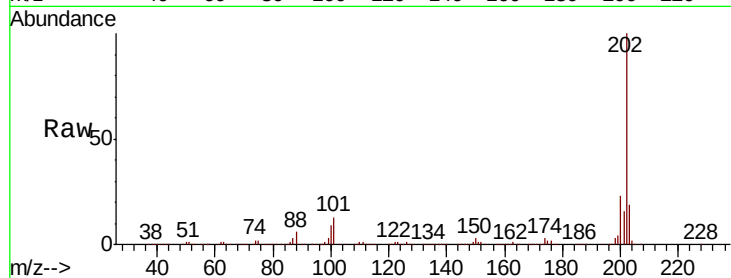




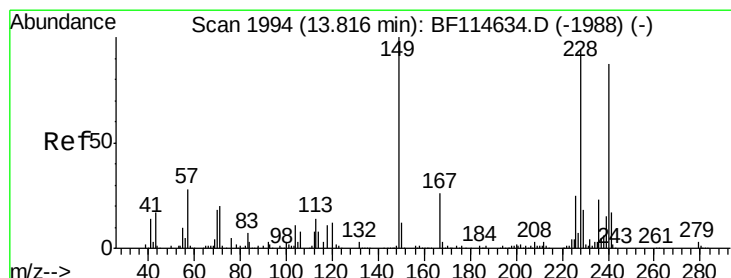
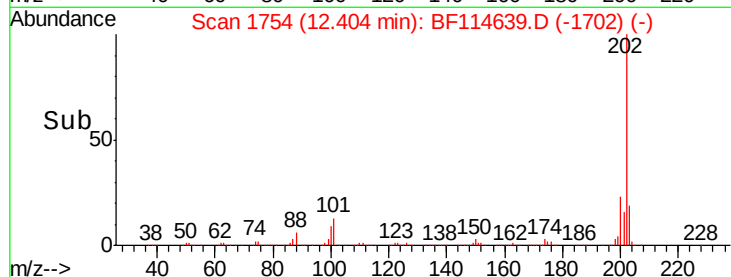
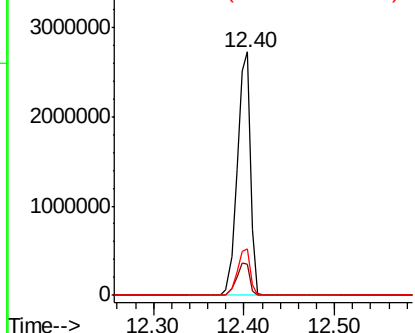
#75
Fluoranthene
Concen: 40.452 ng
RT: 12.40 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:202 Resp: 2805262
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.9
203 19.3 0.0 39.1

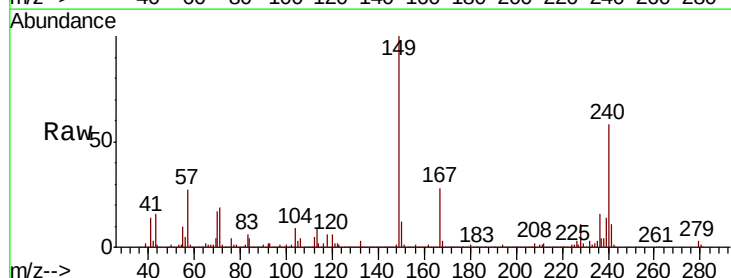


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

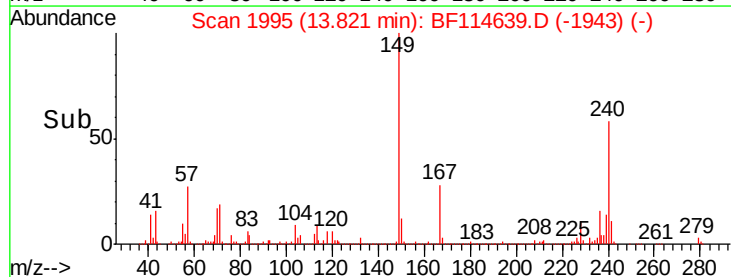
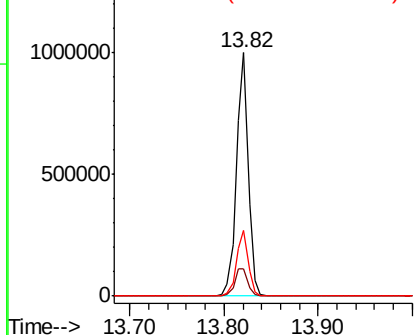


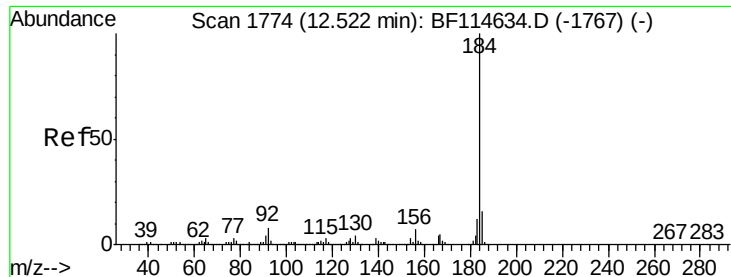
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:240 Resp: 862505
Ion Ratio Lower Upper
240 100
120 11.2 11.2 16.8#
236 26.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.703 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

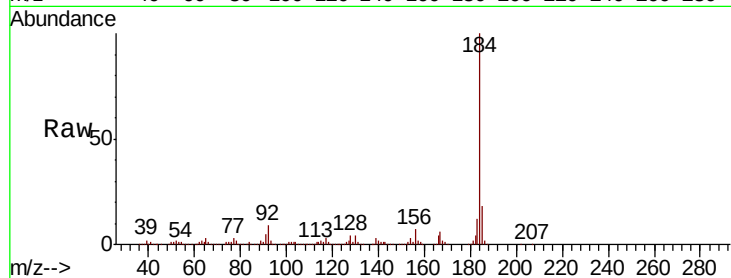
Tot Ion:184 Resp: 1445610

Ion	Ratio	Lower	Upper
184	100		
185	18.4	12.6	18.8
183	12.3	9.4	14.2

184 100

185 18.4 12.6 18.8

183 12.3 9.4 14.2

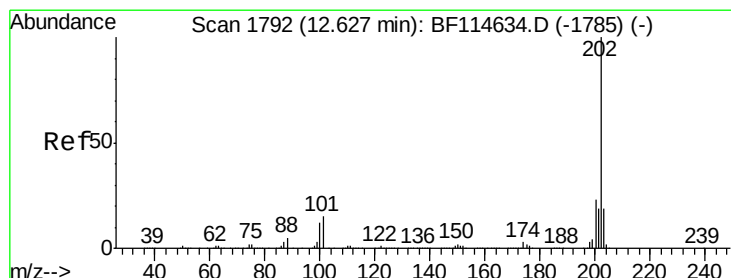
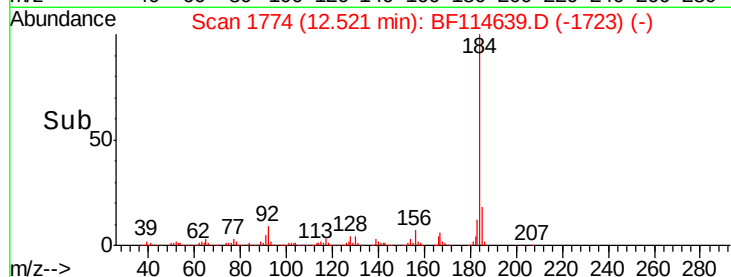
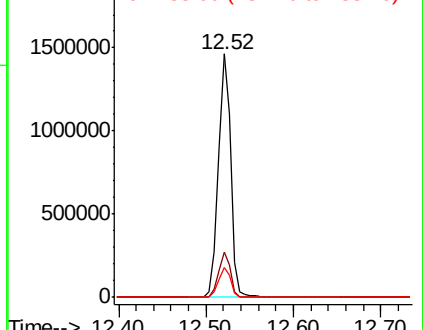


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.772 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

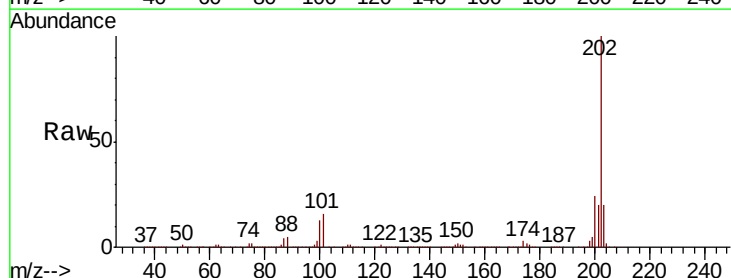
Tgt Ion:202 Resp: 2828831

Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.6	28.0
203	19.8	15.4	23.2

202 100

200 23.7 18.6 28.0

203 19.8 15.4 23.2

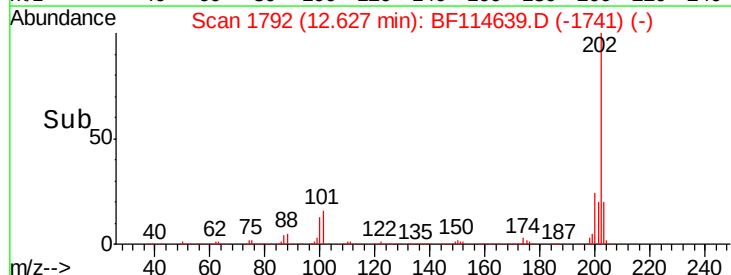
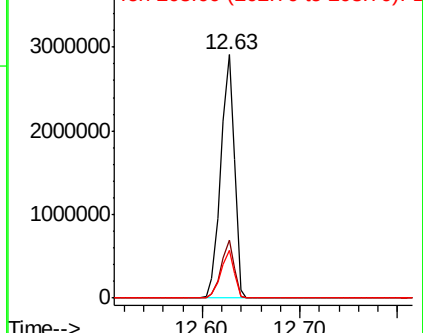


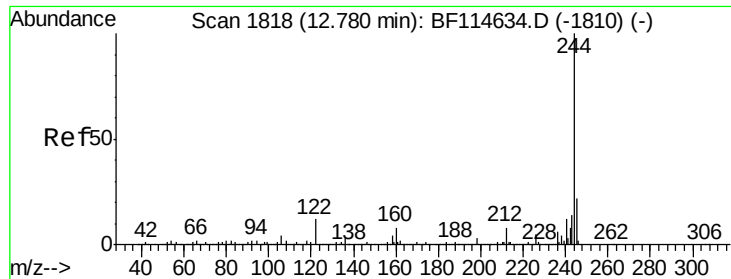
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.819 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

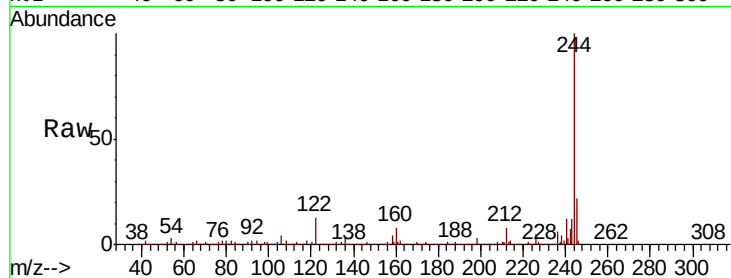
Tot Ion:244 Resp: 3615767

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

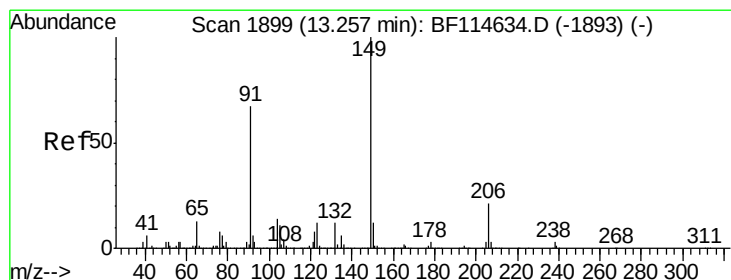
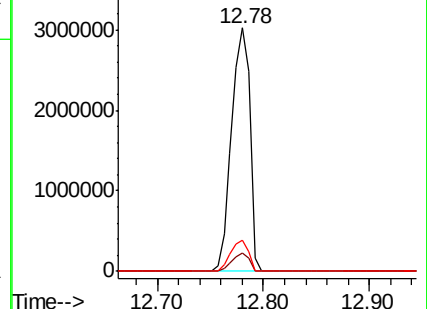
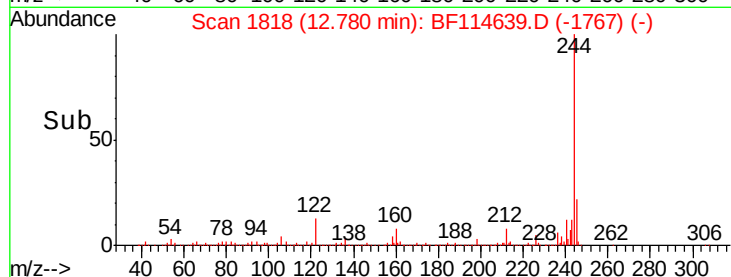
122 12.7 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.962 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

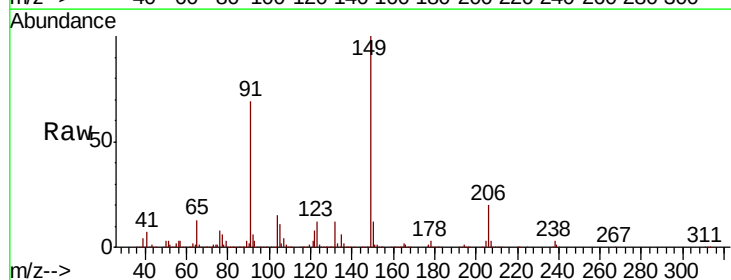
Tgt Ion:149 Resp: 1465329

Ion Ratio Lower Upper

149 100

91 68.7 53.8 80.8

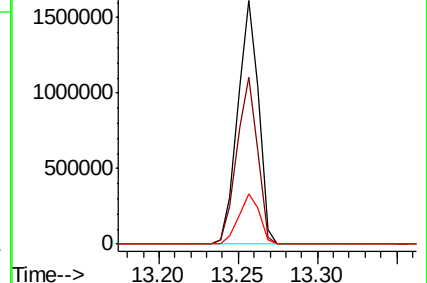
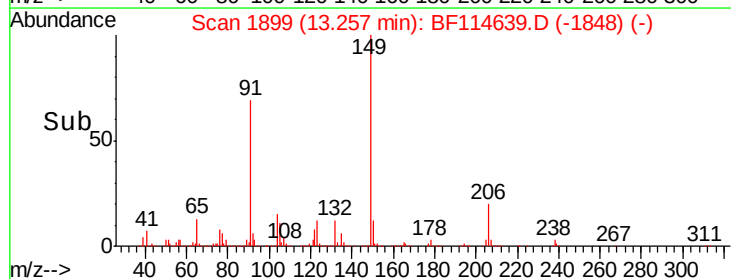
206 20.5 16.9 25.3

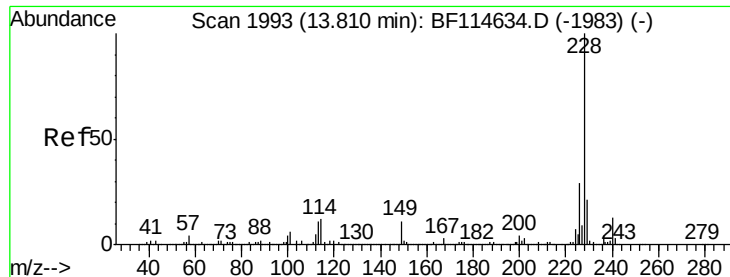


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.208 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

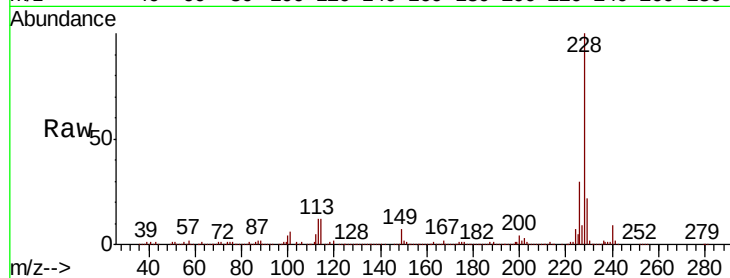
BNA_F

ClientSampleId :

ICVBF052919

Tot Ion:228 Resp: 2665028

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	21.6	17.0	25.4

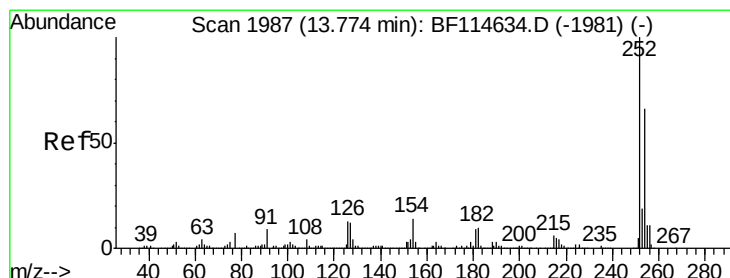
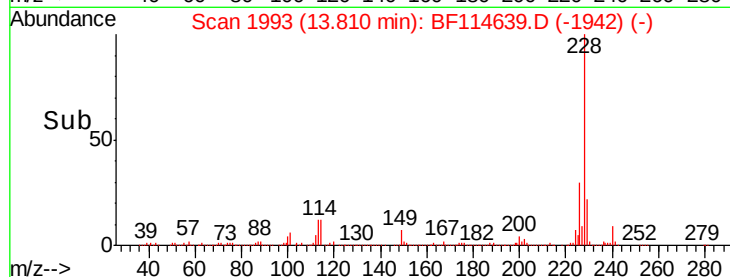
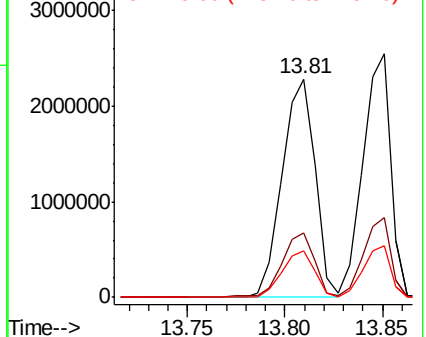


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.321 ng

RT: 13.77 min Scan# 1987

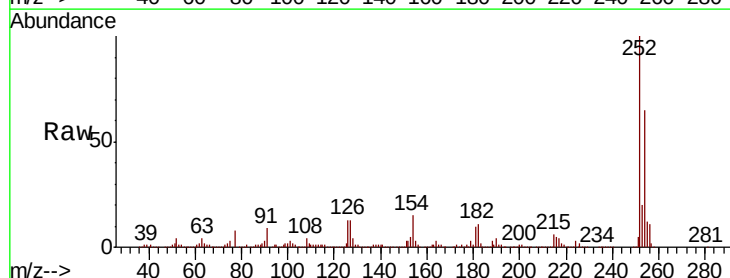
Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Tgt Ion:252 Resp: 1057698

Ion	Ratio	Lower	Upper
252	100		
254	65.3	53.1	79.7
126	13.2	10.2	15.2

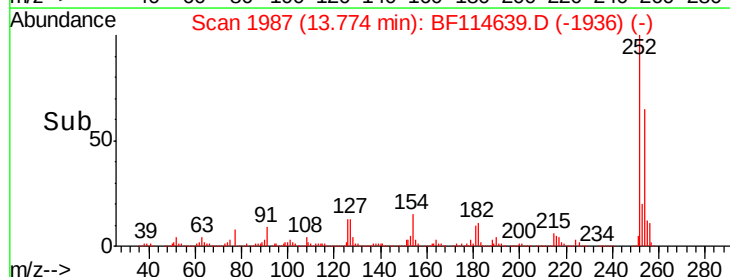
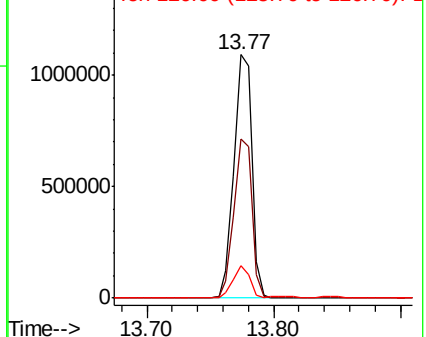


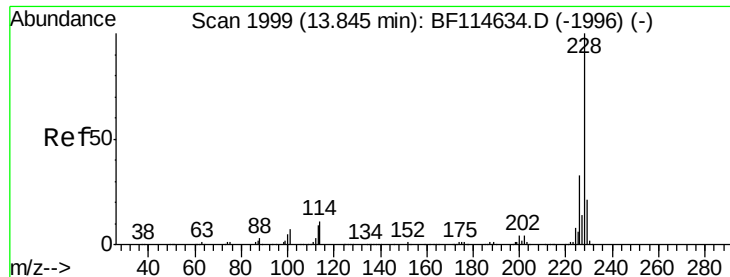
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.615 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

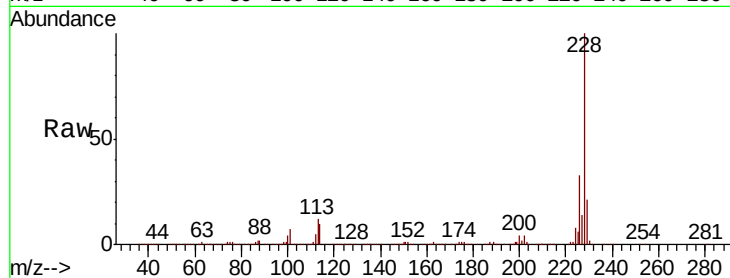
BNA_F

ClientSampleId :

ICVBF052919

Tot Ion:228 Resp: 2508610

Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.4	39.6
229	21.4	17.1	25.7

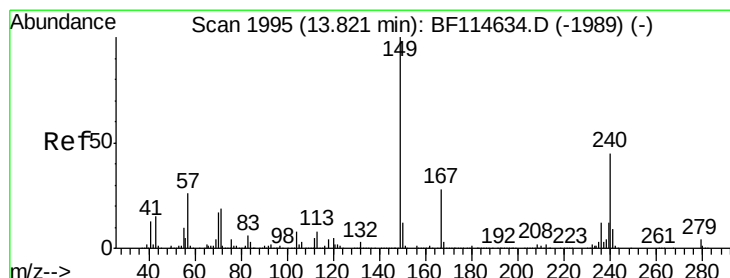
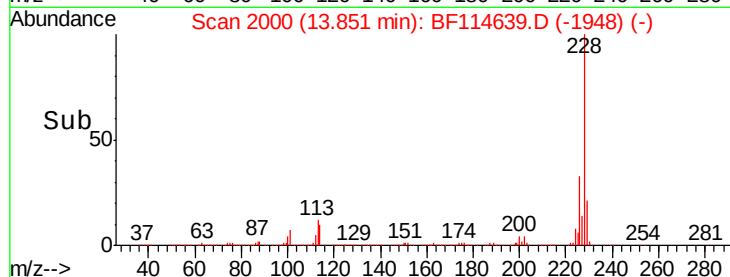
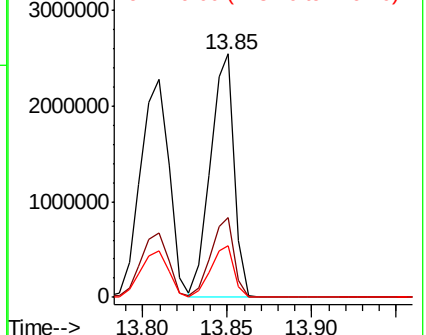


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.042 ng

RT: 13.83 min Scan# 1996

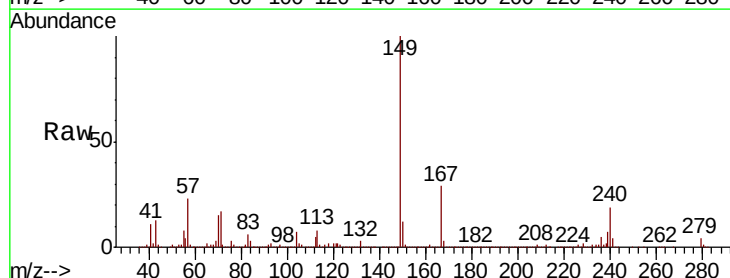
Delta R.T. 0.01 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Tgt Ion:149 Resp: 1860497

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	33.8
279	4.4	3.0	4.4

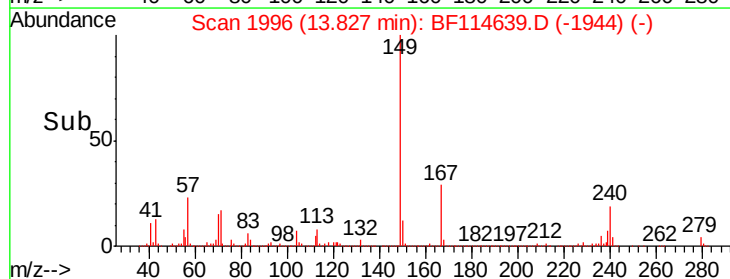
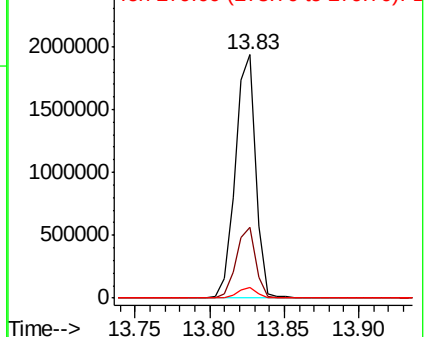


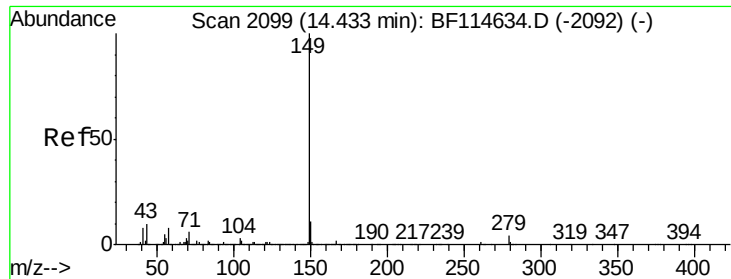
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

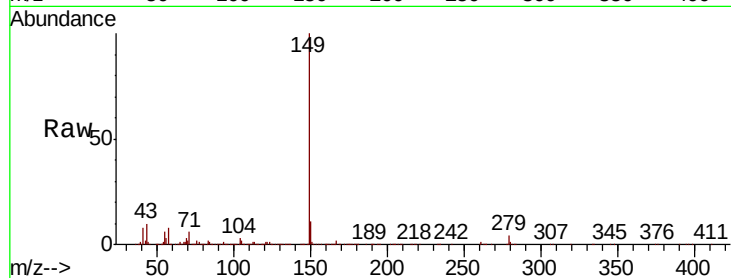




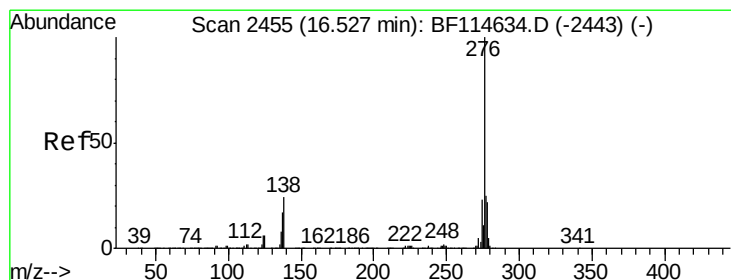
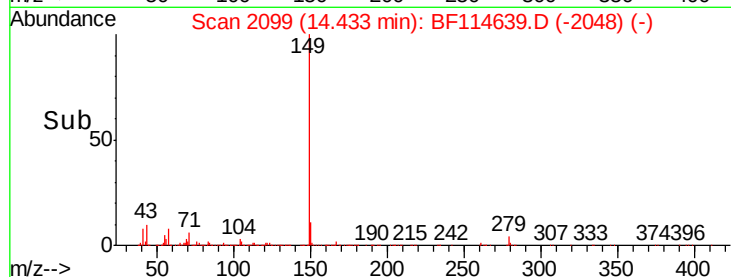
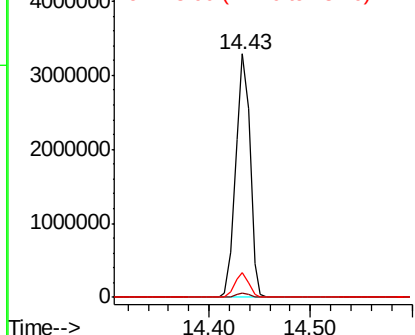
#85
Di-n-octyl phthalate
Concen: 41.142 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:149 Resp: 3240460
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.8 8.0 12.0

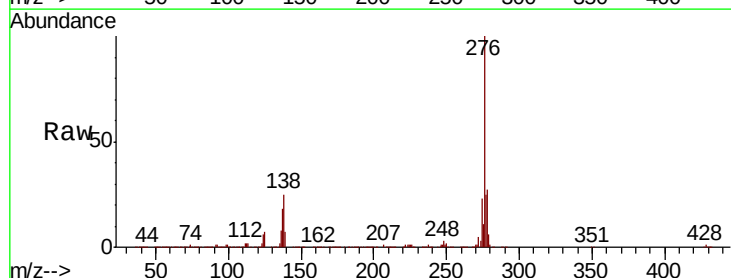


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

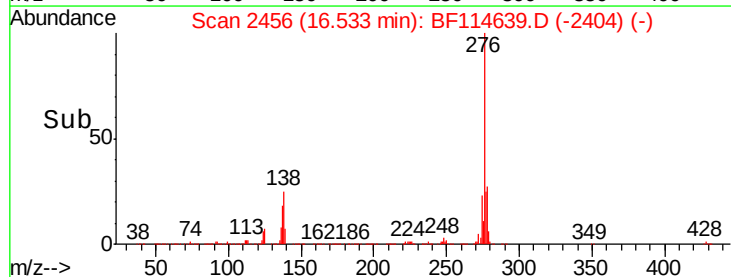
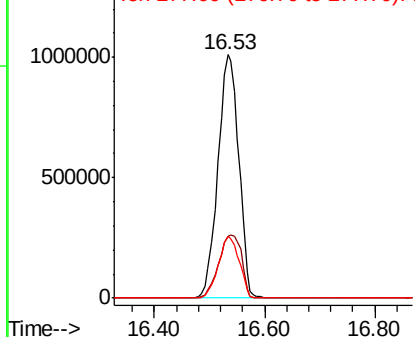


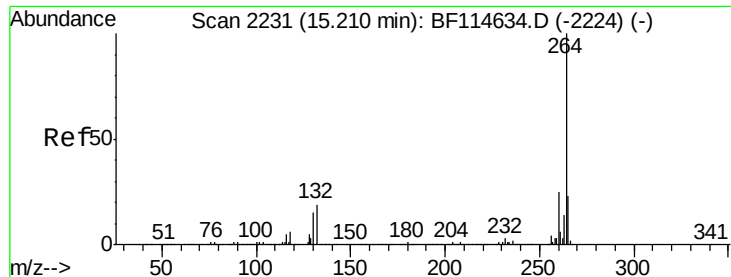
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.026 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:276 Resp: 2665426
Ion Ratio Lower Upper
276 100
138 28.6 23.0 34.6
277 25.5 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

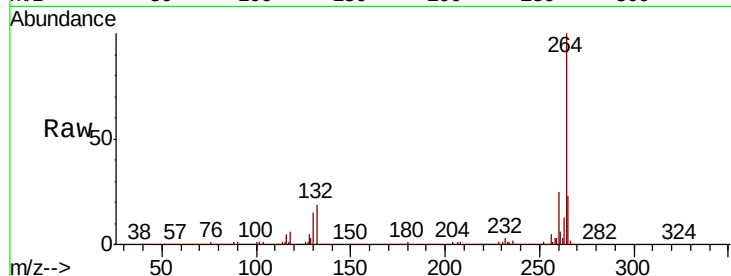
Tot Ion:264 Resp: 1078452

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

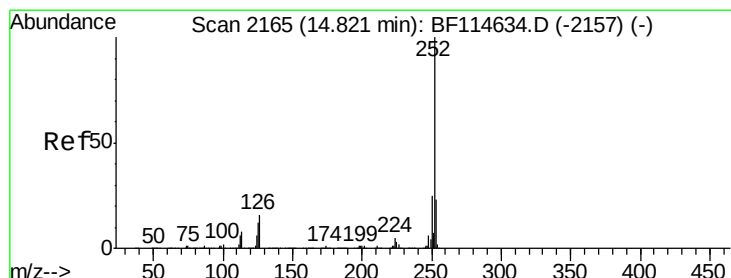
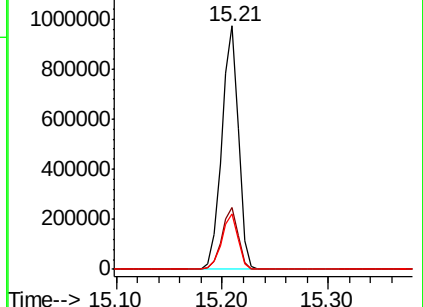
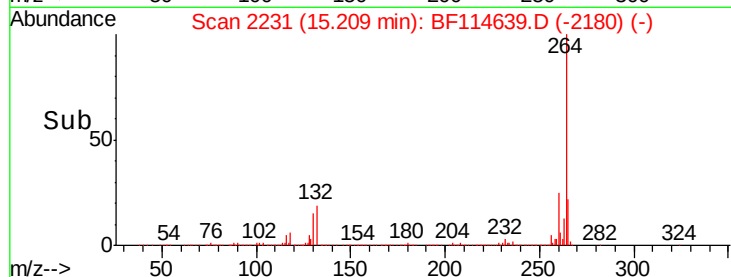
265 22.5 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.376 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

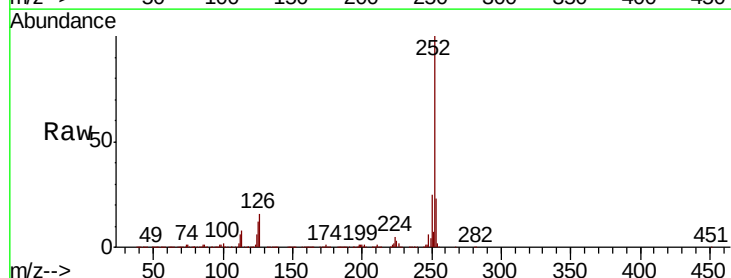
Tgt Ion:252 Resp: 2606662

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

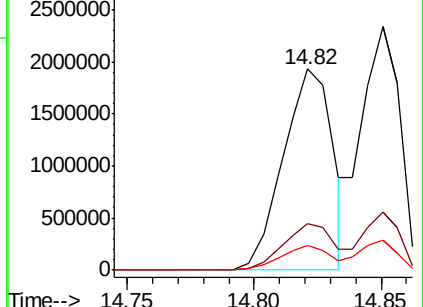
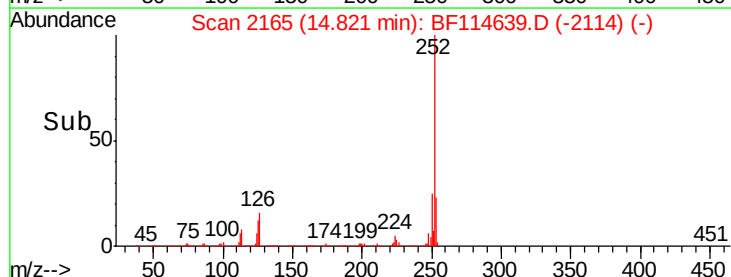
125 12.2 9.4 14.2

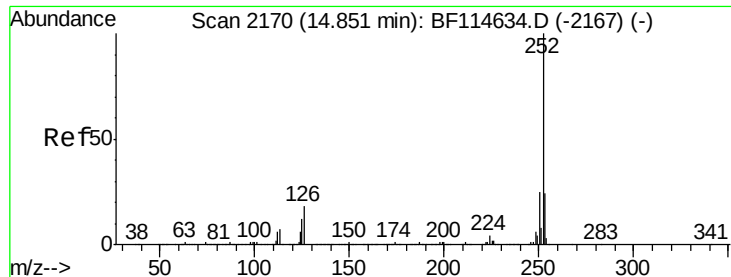


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.310 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

ICVBF052919

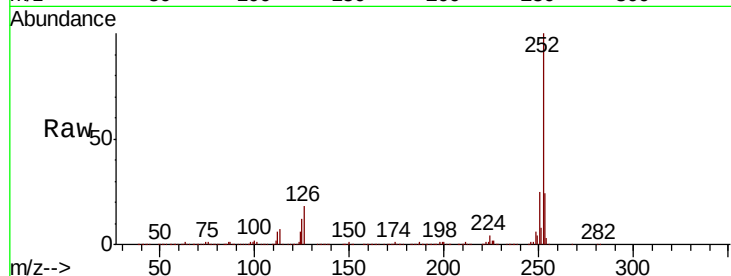
Tot Ion:252 Resp: 2497913

Ion Ratio Lower Upper

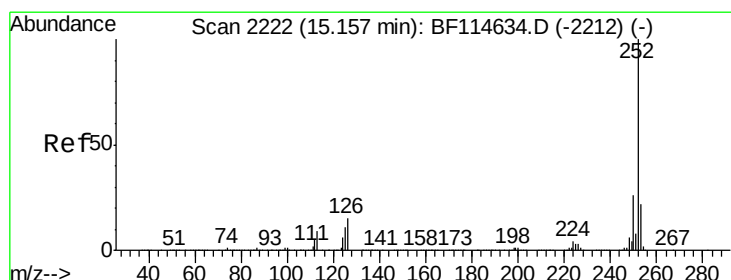
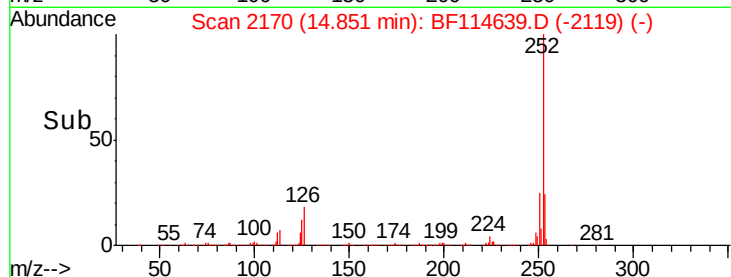
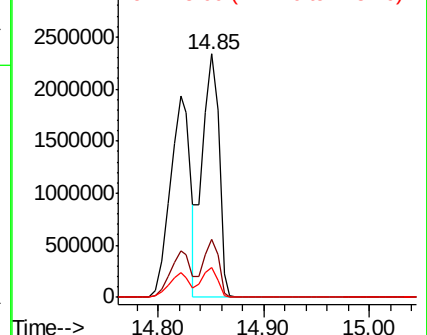
252 100

253 23.7 18.9 28.3

125 12.3 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.492 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BF114639.D

Acq: 29 May 2019 18:00

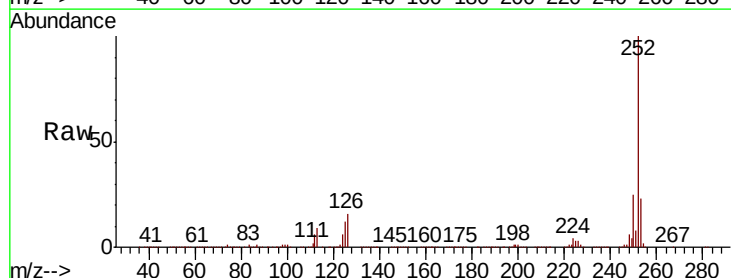
Tgt Ion:252 Resp: 2416222

Ion Ratio Lower Upper

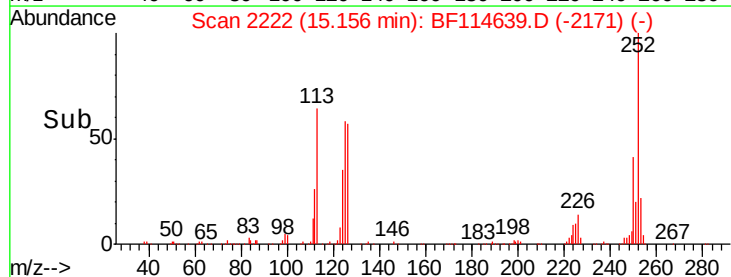
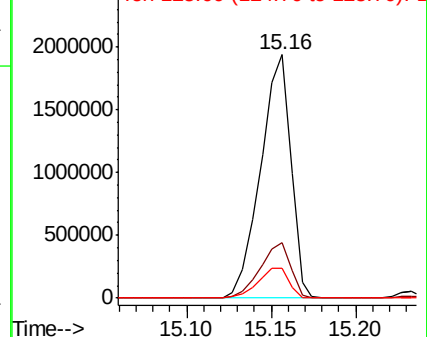
252 100

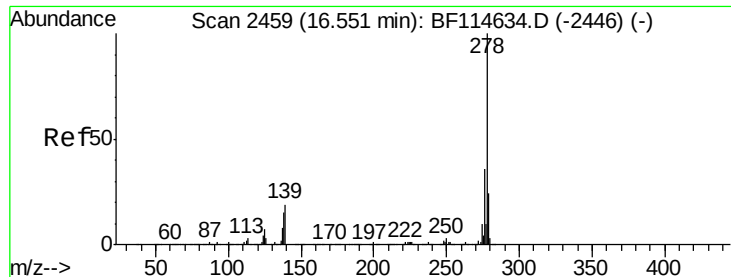
253 22.7 18.0 27.0

125 12.4 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

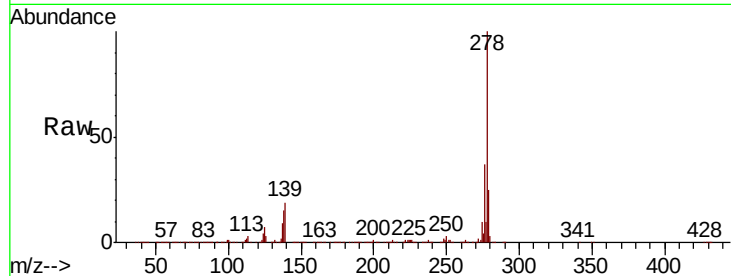




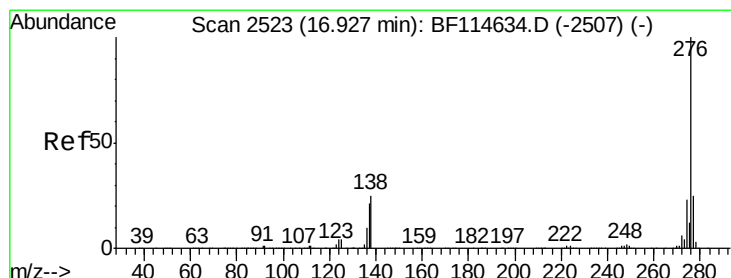
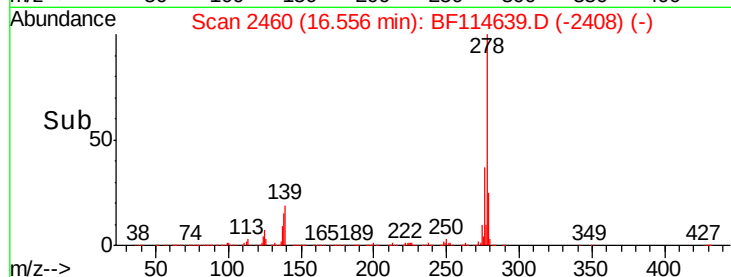
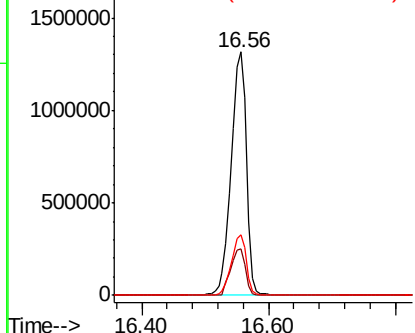
#91
Dibenzo(a,h)anthracene
Concen: 41.079 ng
RT: 16.56 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
ICVBF052919

Tot Ion:278 Resp: 2166044
Ion Ratio Lower Upper
278 100
139 19.1 14.9 22.3
279 24.9 19.5 29.3

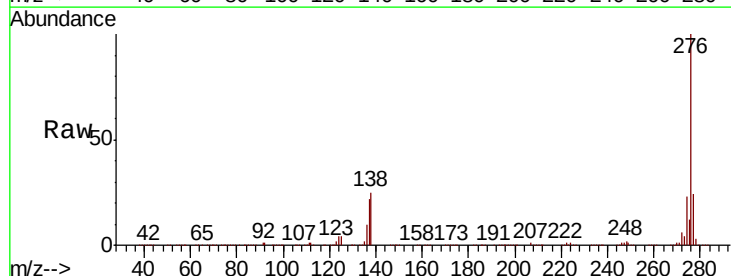


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.065 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BF114639.D
Acq: 29 May 2019 18:00

Tgt Ion:276 Resp: 2101614
Ion Ratio Lower Upper
276 100
277 24.5 19.7 29.5
138 25.3 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

