

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114938.D
 Acq On : 11 Jun 2019 11:32
 Operator : HP/JU
 Sample : PB120177BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 12:56:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	207014	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	818091	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	407312	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	833885	20.00	ng	0.00
76) Chrysene-d12	13.79	240	553143	20.00	ng	0.00
87) Perylene-d12	15.16	264	664330	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1442482	117.93	ng	0.00
7) Phenol-d6	6.30	99	1744639	118.25	ng	0.00
23) Nitrobenzene-d5	7.22	82	1087418	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	534968	120.74	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2160972	84.20	ng	0.00
79) Terphenyl-d14	12.74	244	2539200	91.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	246436	42.457	ng	99
3) Pyridine	3.00	79	660916	40.905	ng	100
4) n-Nitrosodimethylamine	2.93	42	240058	41.364	ng	98
6) Aniline	6.32	93	542919	27.166	ng	# 40
8) 2-Chlorophenol	6.45	128	634368	45.442	ng	100
9) Benzaldehyde	6.20	77	144851	15.339	ng	97
10) Phenol	6.32	94	718135	43.651	ng	88
11) bis(2-Chloroethyl)ether	6.40	93	575489	43.891	ng	98
12) 1,3-Dichlorobenzene	6.60	146	696210	42.971	ng	99
13) 1,4-Dichlorobenzene	6.67	146	710256	43.716	ng	100
14) 1,2-Dichlorobenzene	6.83	146	660348	44.779	ng	98
15) Benzyl Alcohol	6.80	79	492012	46.215	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	774110	42.928	ng	99
17) 2-Methylphenol	6.92	107	515648	44.114	ng	99
18) Hexachloroethane	7.17	117	249036	41.592	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	393333	42.633	ng	99
20) 3+4-Methylphenols	6.92	107	515648	39.399	ng	82
22) Acetophenone	7.07	105	844105	46.094	ng	97
24) Nitrobenzene	7.24	77	629205	45.426	ng	96
25) Isophorone	7.48	82	1151958	44.181	ng	98
26) 2-Nitrophenol	7.56	139	358361	46.570	ng	98
27) 2,4-Dimethylphenol	7.60	122	574920	51.056	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	733169	43.957	ng	99
29) 2,4-Dichlorophenol	7.80	162	544236	46.152	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	603358	44.583	ng	99
31) Naphthalene	7.96	128	1819037	48.256	ng	98
32) Benzoic acid	7.68	122	53536	6.365	ng	99
33) 4-Chloroaniline	8.01	127	437922	24.618	ng	98
34) Hexachlorobutadiene	8.09	225	321149	42.309	ng	98
35) Caprolactam	8.40	113	68422	17.225	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	556836	46.491	ng	99
37) 2-Methylnaphthalene	8.65	142	1248598	48.743	ng	99
38) 1-Methylnaphthalene	8.75	142	1170212	48.302	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	531369	45.374	ng	99

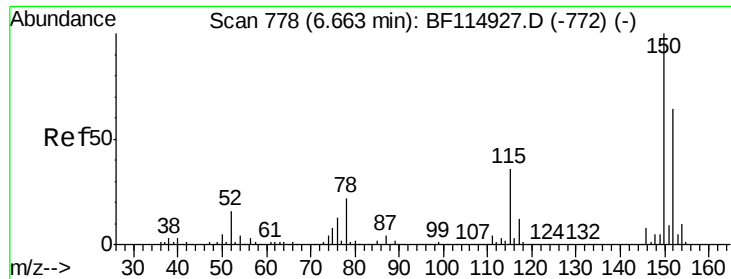
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	645861	97.024	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	396918	44.635	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	432398	47.158	ng	96
46) 1,1'-Biphenyl	9.12	154	1482538	48.652	ng	99
47) 2-Chloronaphthalene	9.13	162	1182788	45.980	ng	98
48) 2-Nitroaniline	9.23	65	337757	43.135	ng	91
49) Acenaphthylene	9.55	152	1856166	48.966	ng	98
50) Dimethylphthalate	9.42	163	1380355	45.090	ng	98
51) 2,6-Dinitrotoluene	9.47	165	324991	46.220	ng	94
52) Acenaphthene	9.72	154	1083834	47.194	ng	99
53) 3-Nitroaniline	9.64	138	260667	30.872	ng	95
54) 2,4-Dinitrophenol	9.75	184	165253	47.485	ng	94
55) Dibenzofuran	9.89	168	1612786	49.196	ng	97
56) 4-Nitrophenol	9.81	139	551457	91.641	ng	93
57) 2,4-Dinitrotoluene	9.87	165	435574	49.008	ng	96
58) Fluorene	10.23	166	1174440	46.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	347708	46.909	ng	100
60) Diethylphthalate	10.12	149	1376364	46.258	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	576013	45.531	ng	99
62) 4-Nitroaniline	10.25	138	364831	42.162	ng	100
63) Azobenzene	10.39	77	1227038	47.381	ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	147929	31.633	ng	94
66) n-Nitrosodiphenylamine	10.35	169	1130821	45.645	ng	99
67) 4-Bromophenyl-phenylether	10.71	248	389852	43.161	ng	98
68) Hexachlorobenzene	10.78	284	419317	42.039	ng	99
69) Atrazine	10.87	200	367994	44.083	ng	99
70) Pentachlorophenol	10.97	266	398704	71.283	ng	100
71) Phenanthrene	11.19	178	1896379	46.873	ng	98
72) Anthracene	11.24	178	1965695	47.869	ng	99
73) Carbazole	11.39	167	1767511	47.277	ng	99
74) Di-n-butylphthalate	11.73	149	2178821	47.155	ng	99
75) Fluoranthene	12.36	202	2009334	48.016	ng	99
77) Benzidine	12.49	184	926737	38.284	ng	99
78) Pyrene	12.59	202	2028296	42.104	ng	99
80) Butylbenzylphthalate	13.22	149	1032395	43.500	ng	95
81) Benzo(a)anthracene	13.77	228	1819649	44.490	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	479072	28.696	ng	98
83) Chrysene	13.81	228	1816369	44.225	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1311020	47.167	ng	100
85) Di-n-octyl phthalate	14.39	149	2323920	45.769	ng	99
86) Indeno(1,2,3-cd)pyrene	16.47	276	1879453	48.675	ng	100
88) Benzo(b)fluoranthene	14.78	252	1794987	41.503	ng	99
89) Benzo(k)fluoranthene	14.81	252	1761860	46.940	ng	99
90) Benzo(a)pyrene	15.11	252	1750523	46.599	ng	100
91) Dibenzo(a,h)anthracene	16.49	278	1543279	48.635	ng	99
92) Benzo(g,h,i)perylene	16.86	276	1607785	50.831	ng	98

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

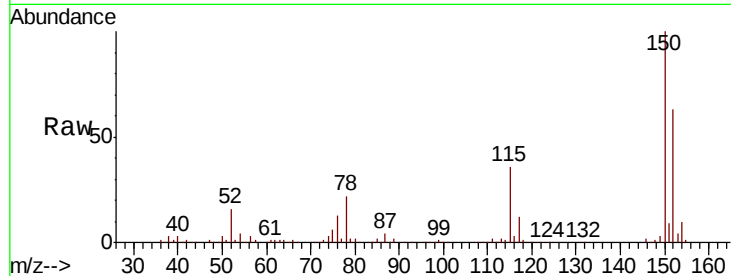


#1

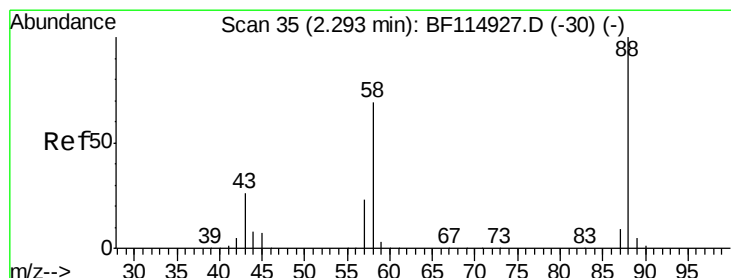
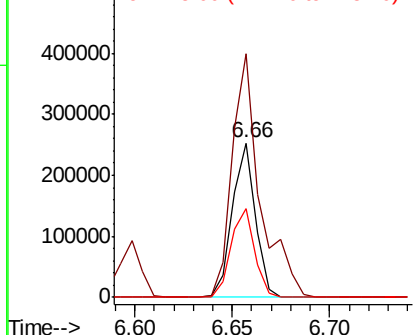
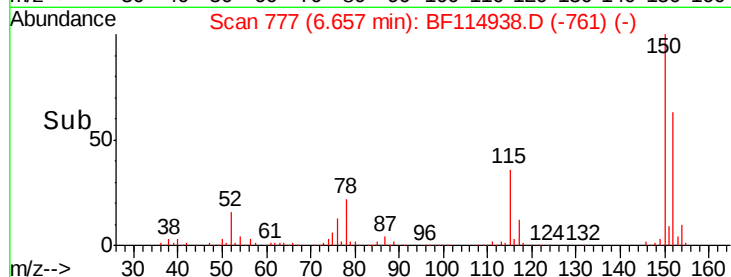
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 207014
Ion Ratio Lower Upper
152 100
150 157.5 125.2 187.8
115 57.3 45.0 67.4



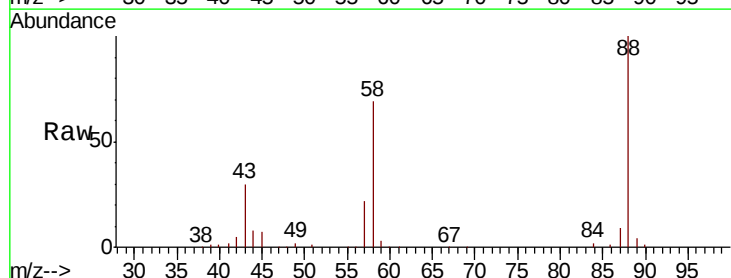
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



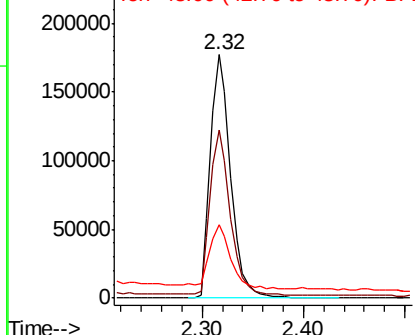
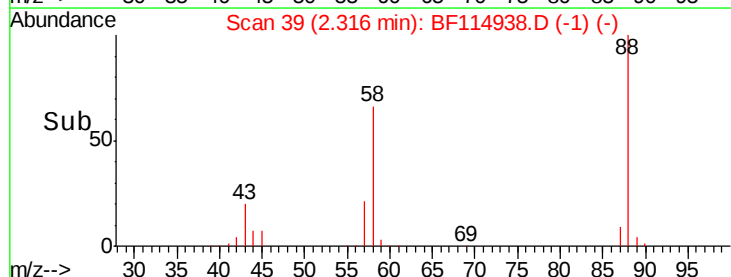
#2

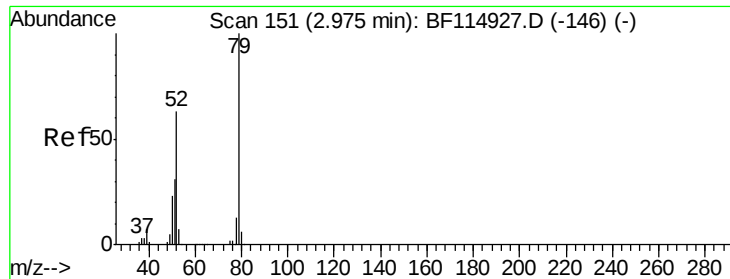
1,4-Dioxane
Concen: 42.457 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.02 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 88 Resp: 246436
Ion Ratio Lower Upper
88 100
58 66.8 54.2 81.2
43 26.0 20.6 30.8



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: 40.905 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.02 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

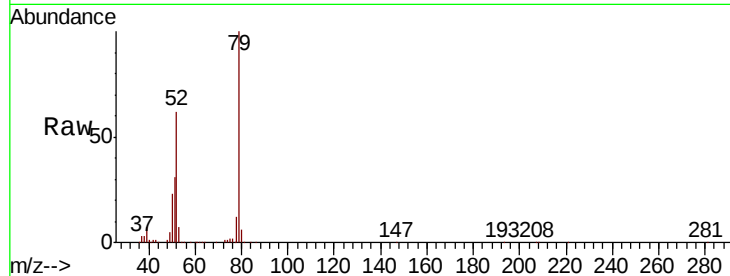
Tot Ion: 79 Resp: 660916

Ion Ratio Lower Upper

79 100

52 62.5 50.2 75.2

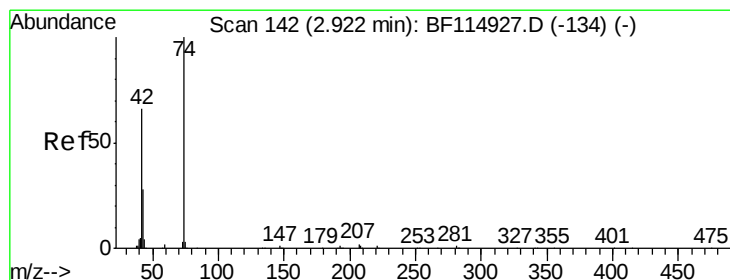
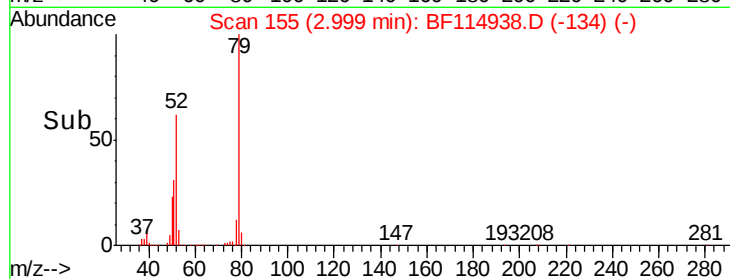
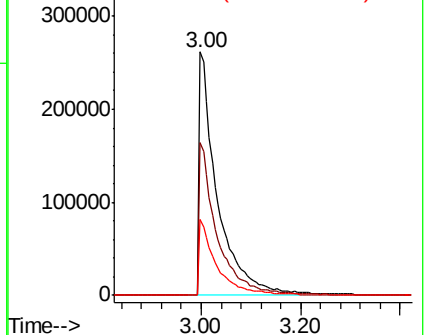
51 30.9 24.6 37.0



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: 41.364 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

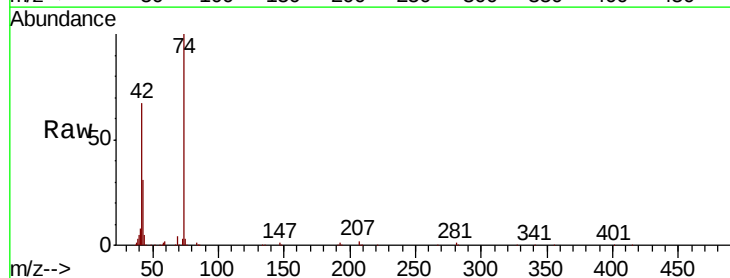
Tgt Ion: 42 Resp: 240058

Ion Ratio Lower Upper

42 100

74 150.0 121.9 182.9

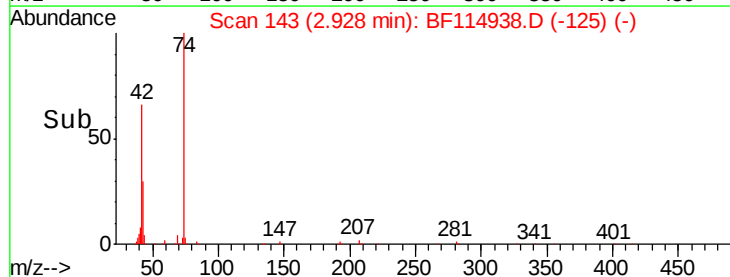
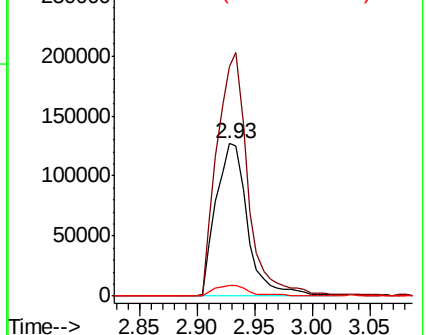
44 6.9 5.1 7.7

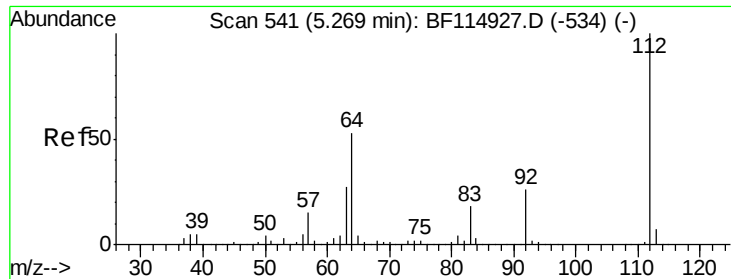


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.928 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

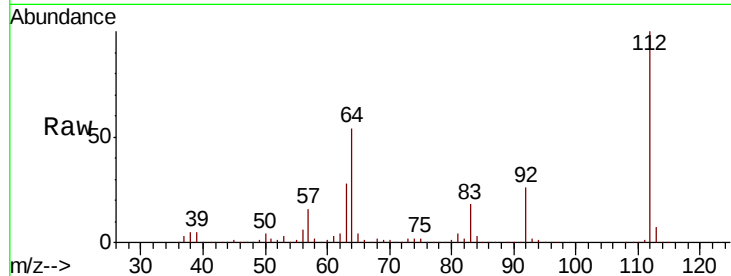
Tot Ion:112 Resp: 1442482

Ion Ratio Lower Upper

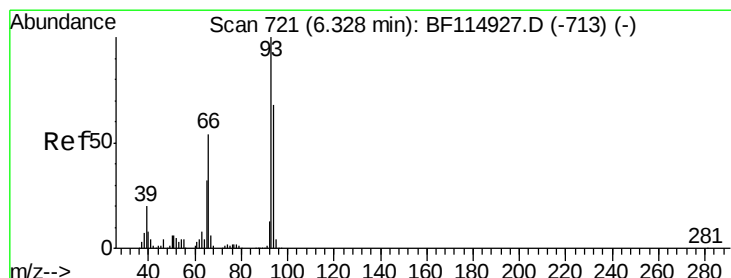
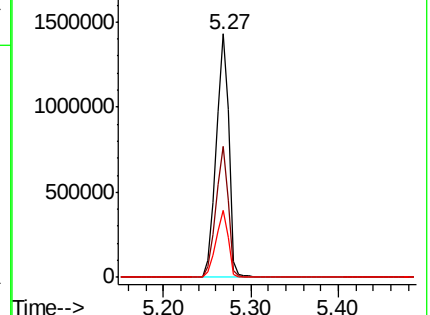
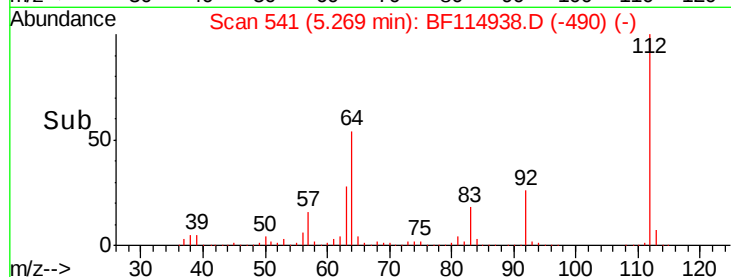
112 100

64 54.0 42.1 63.1

63 27.8 21.8 32.8



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: 27.166 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

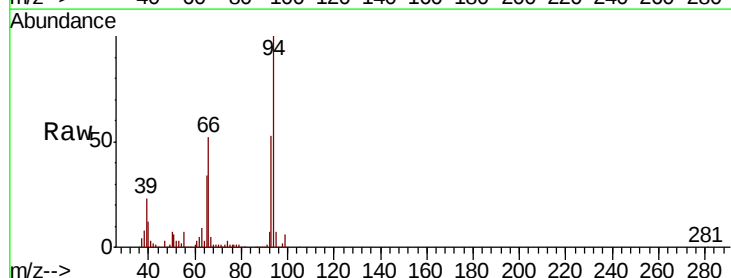
Tgt Ion: 93 Resp: 542919

Ion Ratio Lower Upper

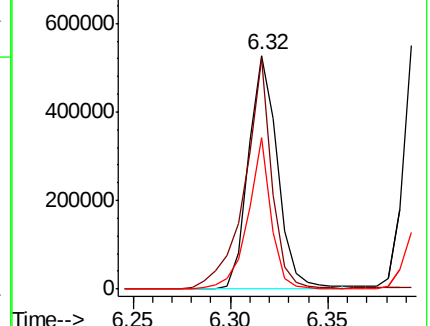
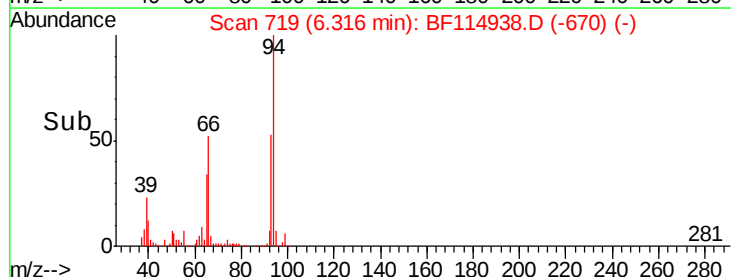
93 100

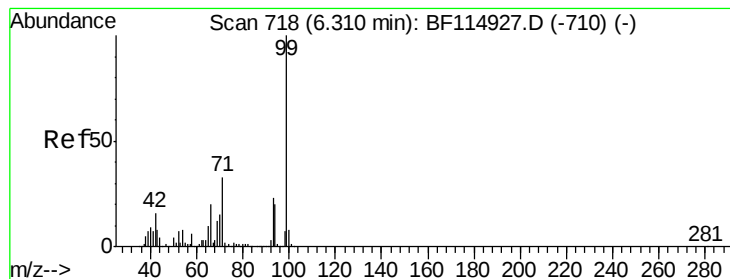
66 98.6 43.6 65.4#

65 64.8 25.7 38.5#



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: 118.249 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

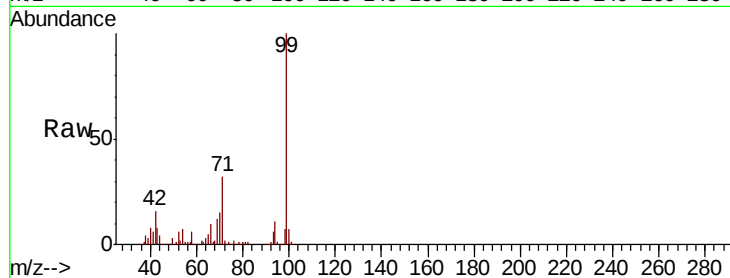
Tot Ion: 99 Resp: 1744639

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.1	19.7
71	32.5	26.8	40.2

99 100

42 16.2 13.1 19.7

71 32.5 26.8 40.2



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

2000000

1500000

1000000

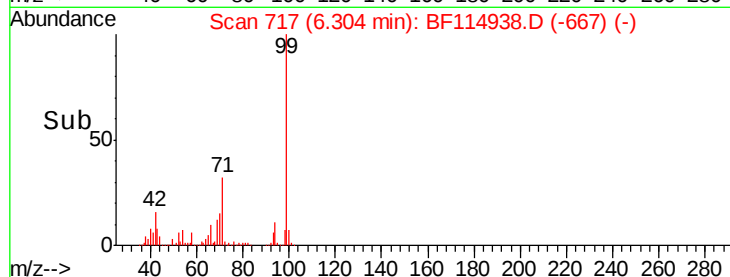
500000

0

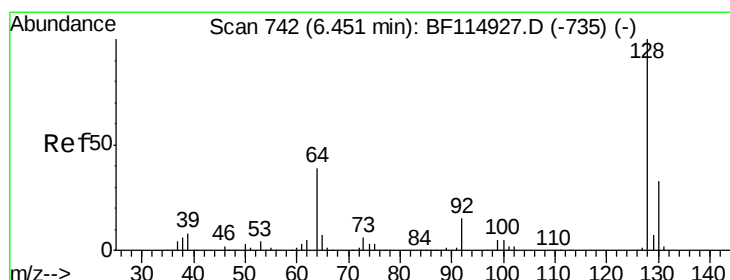
6.30

6.20

6.40



Time-->



#8

2-Chlorophenol

Concen: 45.442 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

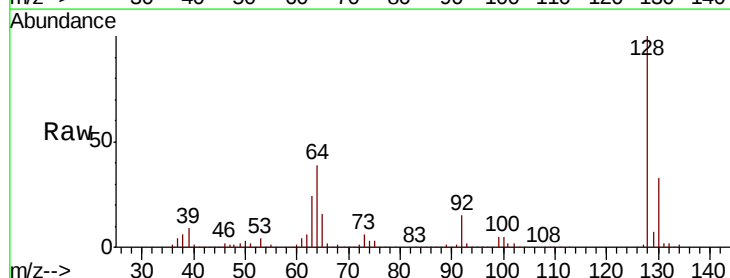
Tgt Ion: 128 Resp: 634368

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	39.4	19.5	59.5

128 100

130 32.8 13.3 53.3

64 39.4 19.5 59.5



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

1000000

800000

600000

400000

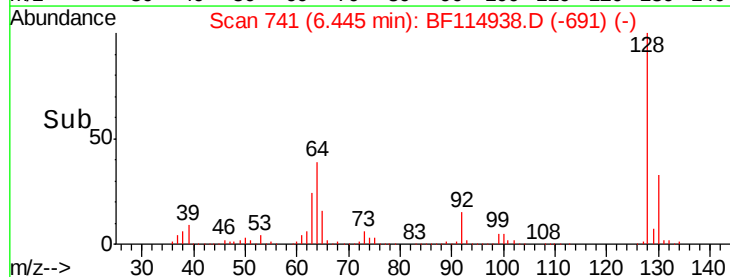
200000

0

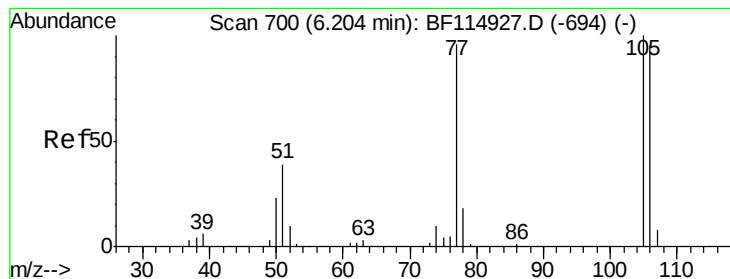
6.45

6.40

6.50



Time-->



#9

Benzaldehyde

Concen: 15.339 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

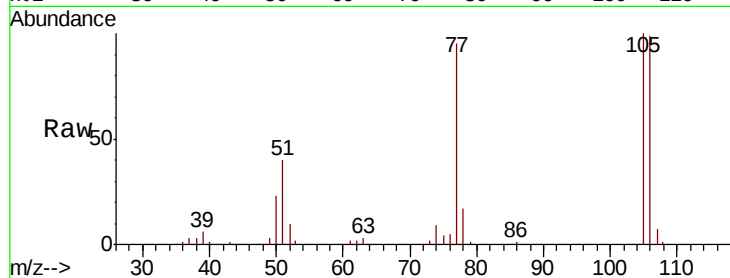
Tot Ion: 77 Resp: 144851

Ion Ratio Lower Upper

77 100

105 105.7 84.5 124.5

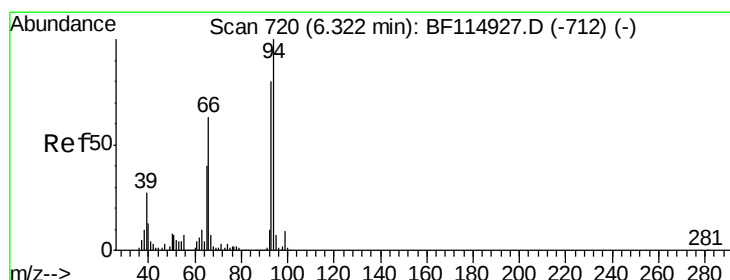
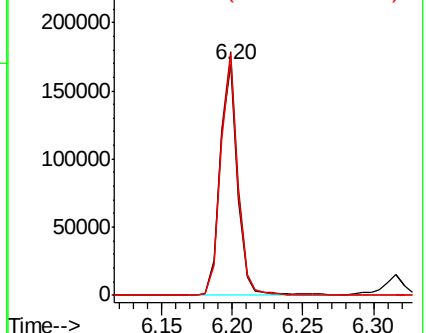
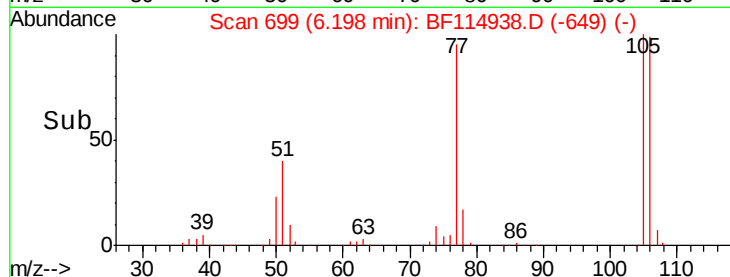
106 104.1 79.2 119.2



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: 43.651 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

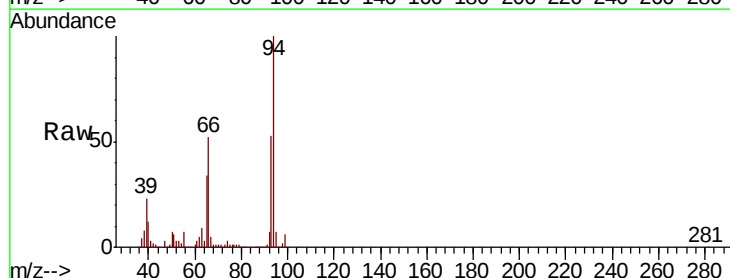
Tgt Ion: 94 Resp: 718135

Ion Ratio Lower Upper

94 100

65 34.3 19.6 59.6

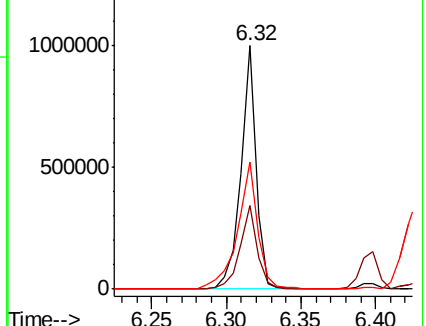
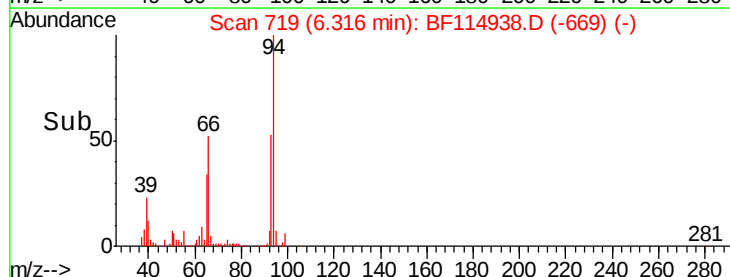
66 52.1 42.6 82.6

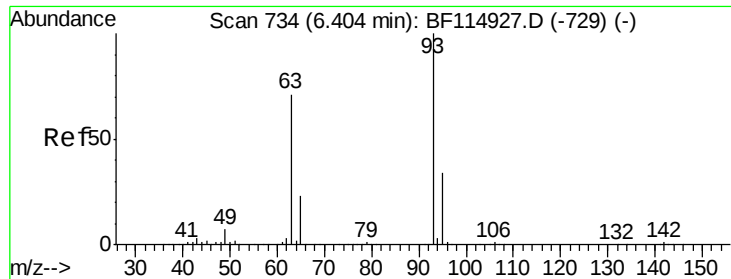


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

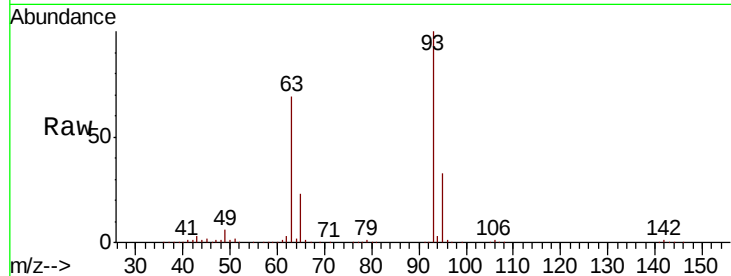




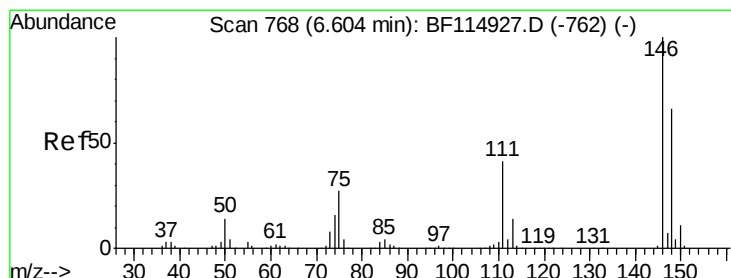
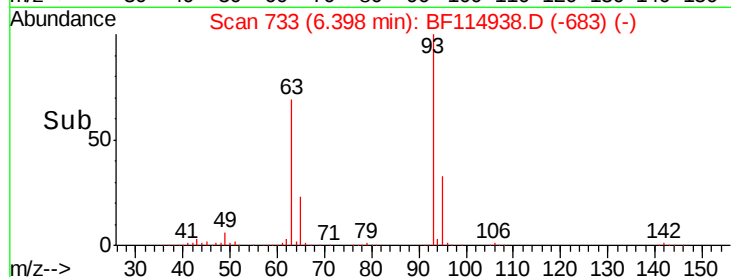
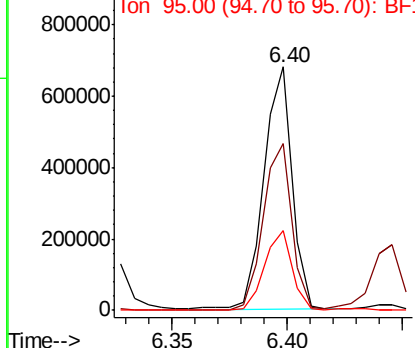
#11
bis(2-Chloroethyl)ether
Concen: 43.891 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 575489
Ion Ratio Lower Upper
93 100
63 68.6 50.5 90.5
95 32.7 13.6 53.6

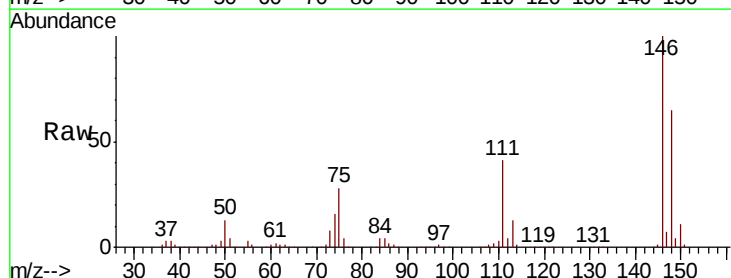


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

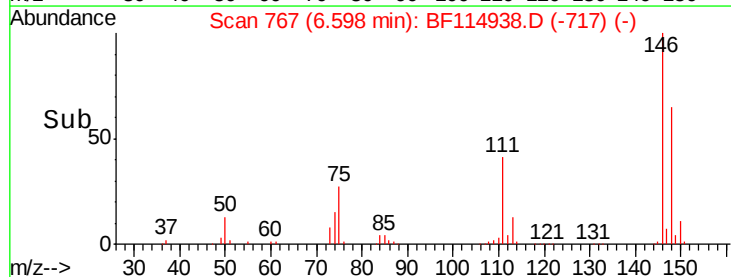
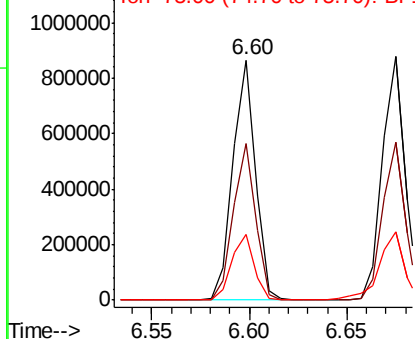


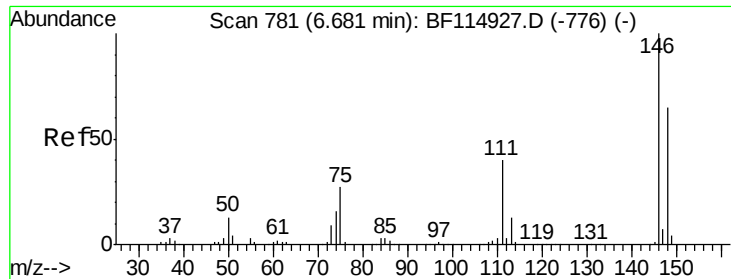
#12
1,3-Dichlorobenzene
Concen: 42.971 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 146 Resp: 696210
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 27.6 21.9 32.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

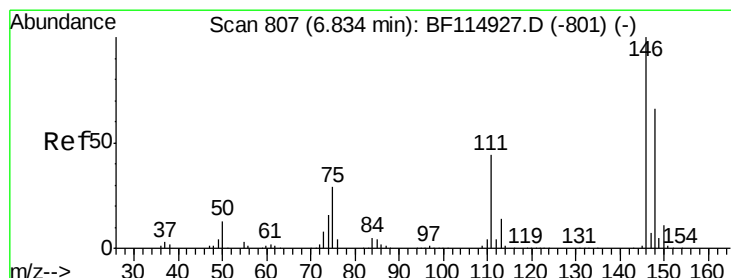
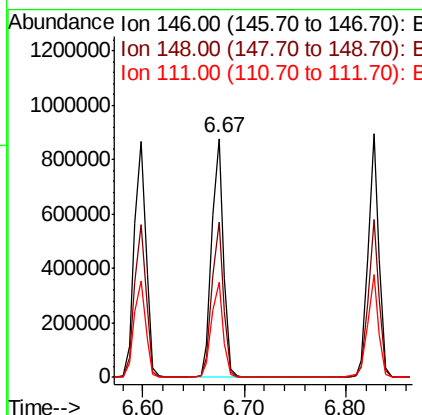
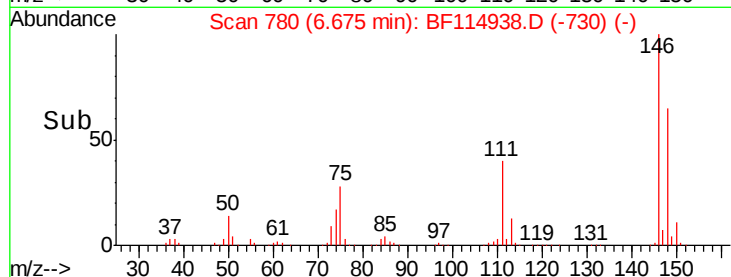
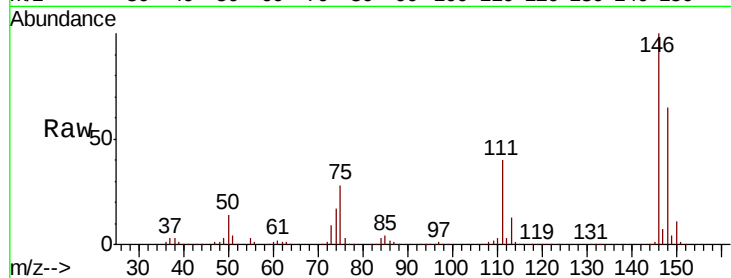




#13
 1,4-Dichlorobenzene
 Concen: 43.716 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

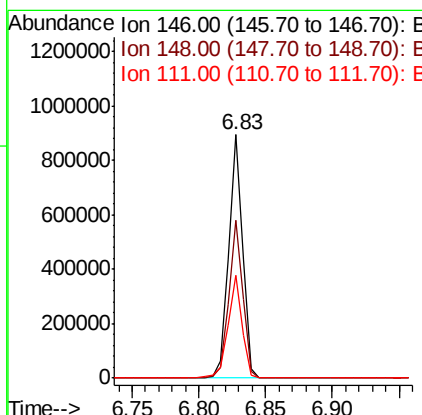
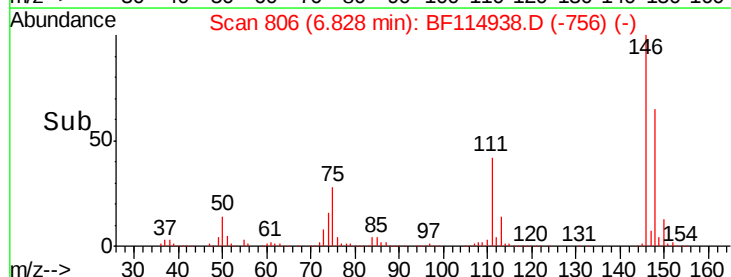
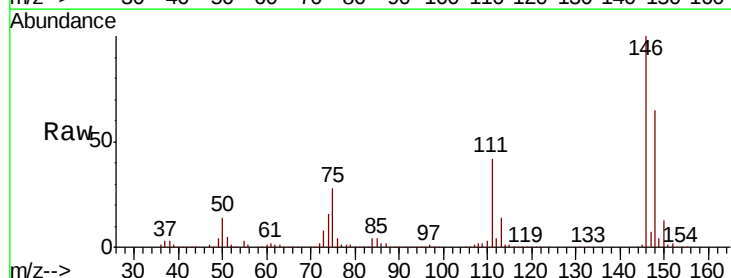
Instrument :
 BNA_F
 ClientSampled :

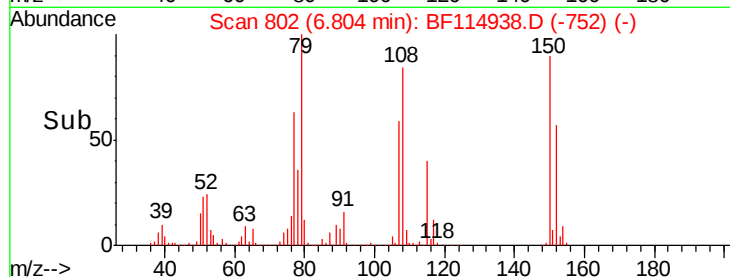
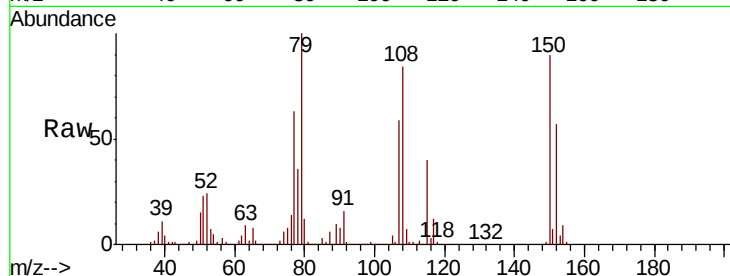
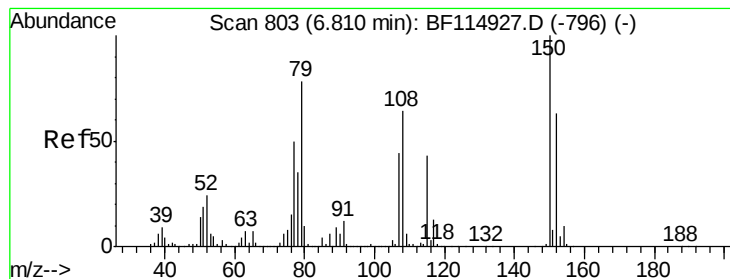
Tot Ion:146 Resp: 710256
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 39.7 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 44.779 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion:146 Resp: 660348
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.7 79.1
 111 42.0 35.4 53.2





#15

Benzyl Alcohol

Concen: 46.215 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

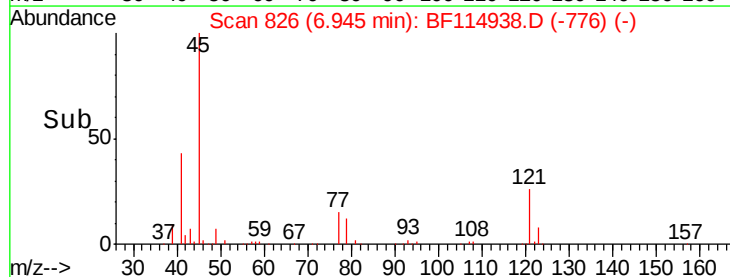
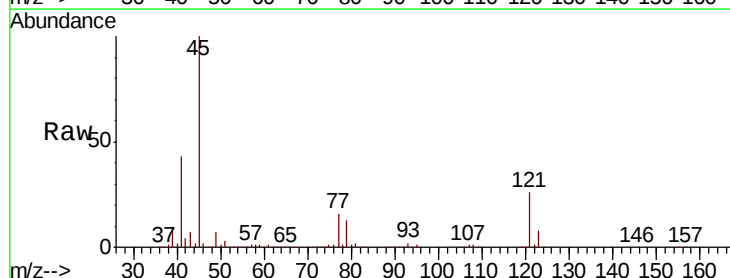
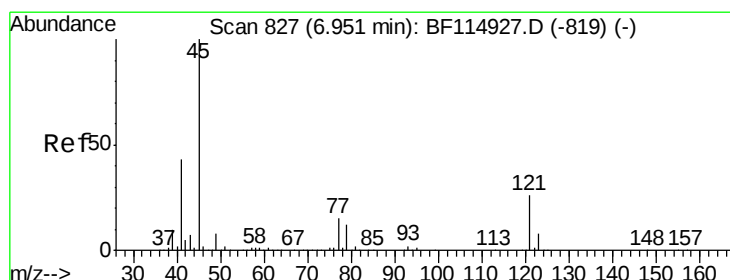
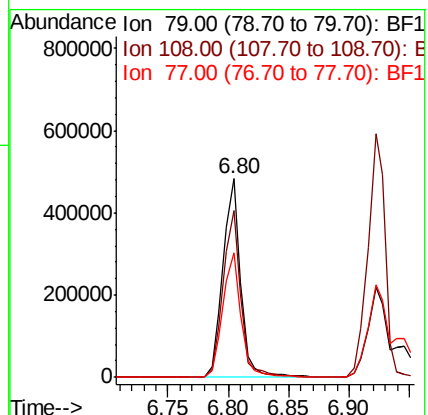
Tot Ion: 79 Resp: 492012

Ion Ratio Lower Upper

79 100

108 84.2 65.5 98.3

77 63.0 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.928 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

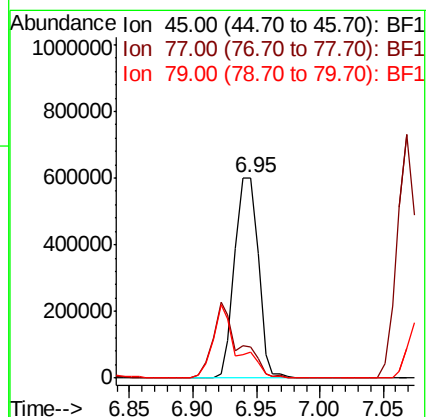
Tgt Ion: 45 Resp: 774110

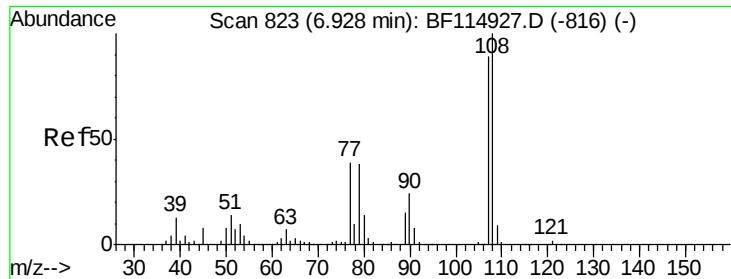
Ion Ratio Lower Upper

45 100

77 15.7 0.0 36.2

79 12.8 0.0 32.7

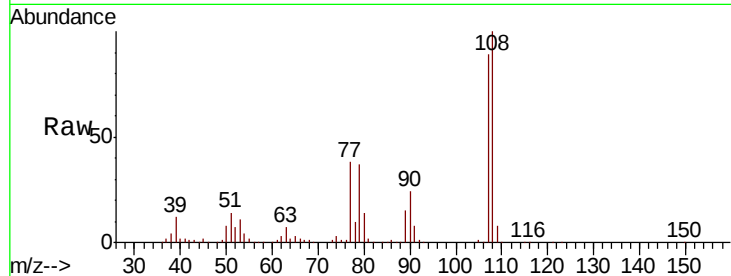




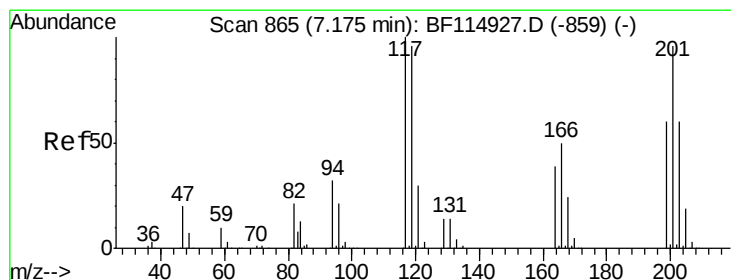
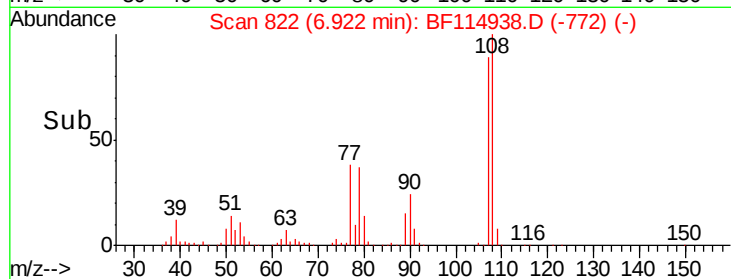
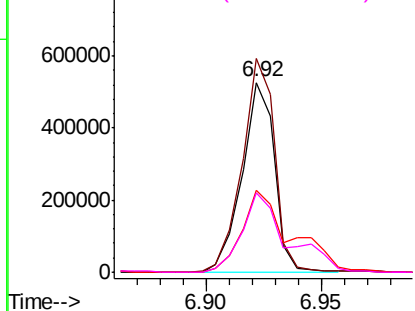
#17
2-Methylphenol
Concen: 44.114 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	515648
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.2	135.2
77	42.9	35.4	53.0
79	41.8	34.6	52.0

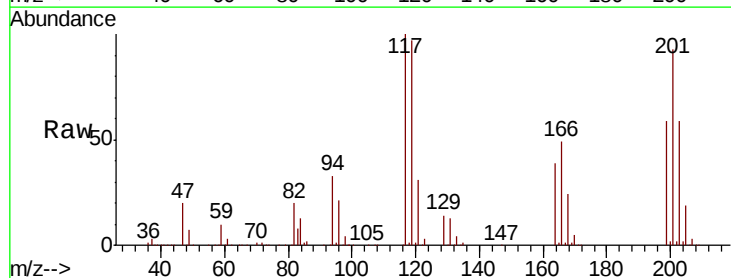


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

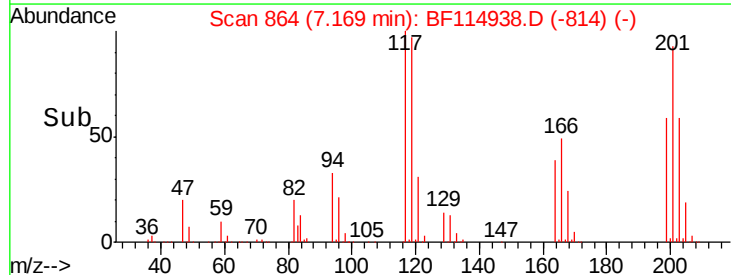
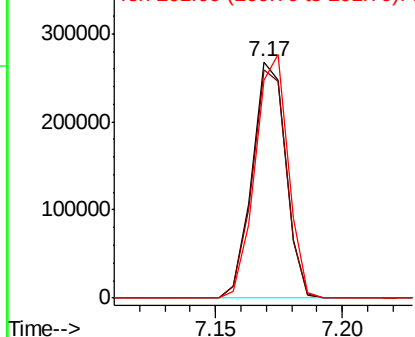


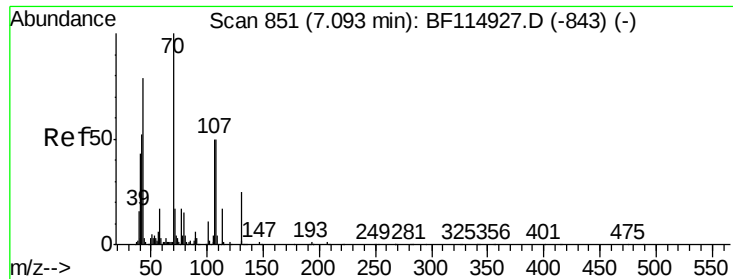
#18
Hexachloroethane
Concen: 41.592 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:	117	Resp:	249036
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	114.8
201	92.7	77.0	115.6



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

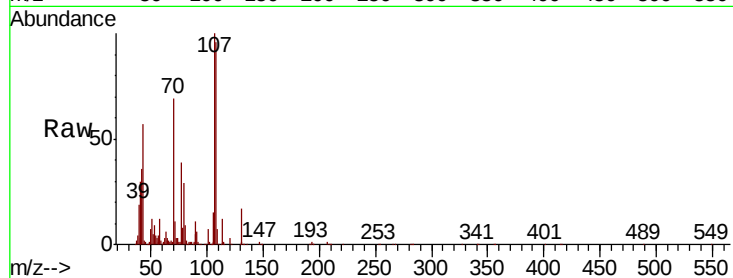




#19
n-Nitroso-di-n-propylamine
Concen: 42.633 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	393333
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.7	62.5
101	10.8	8.4	12.6
130	25.3	19.9	29.9



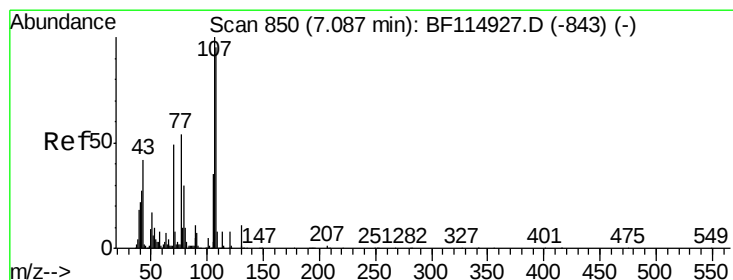
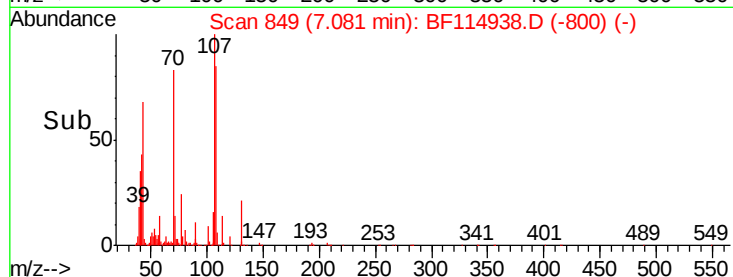
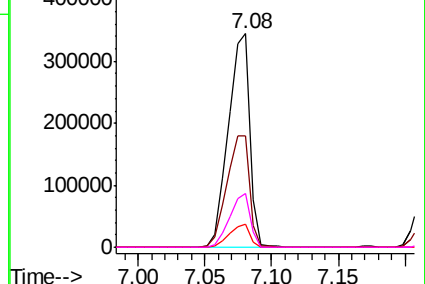
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

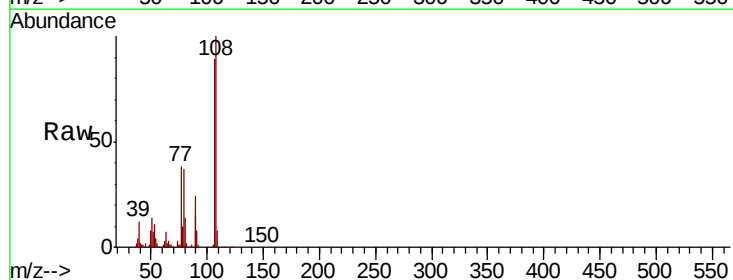
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.399 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.16 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:	107	Resp:	515648
Ion	Ratio	Lower	Upper
107	100		
108	112.4	74.7	114.7
77	42.9	33.7	73.7
79	41.8	10.2	50.2



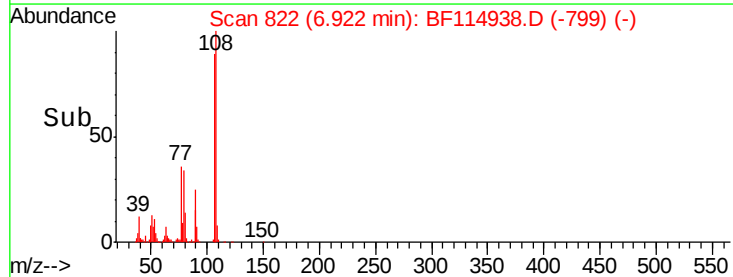
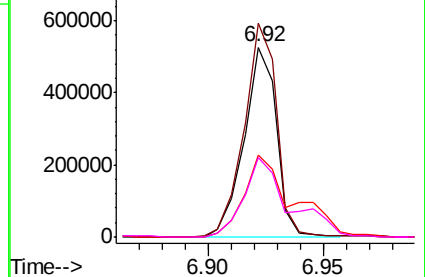
Abundance

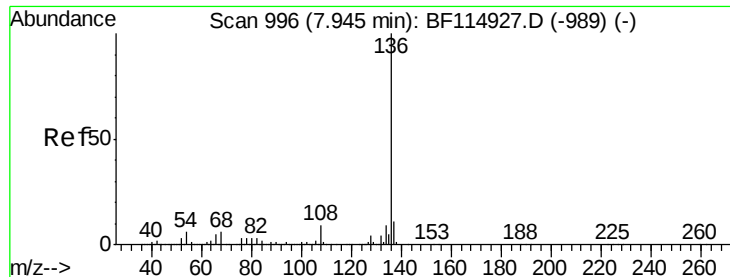
Ion 107.00 (106.70 to 107.70): BF1

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

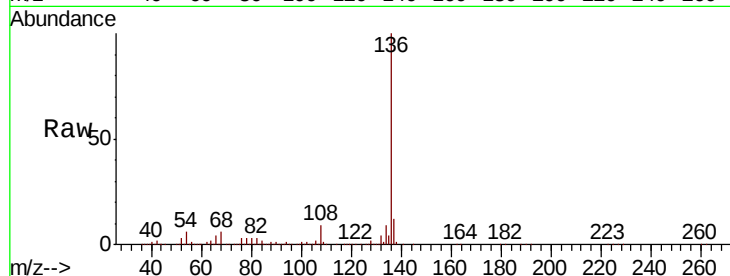




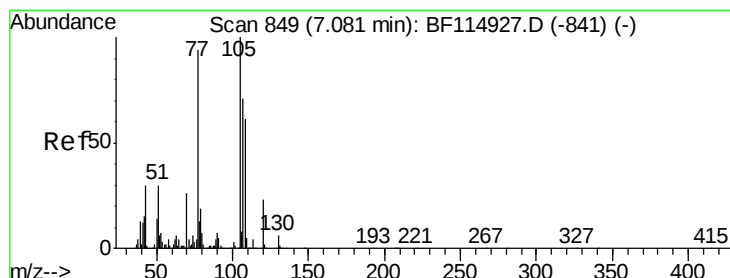
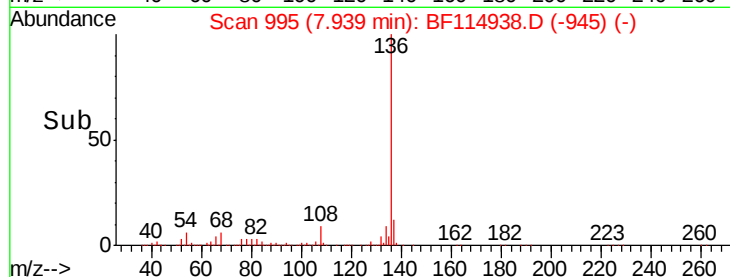
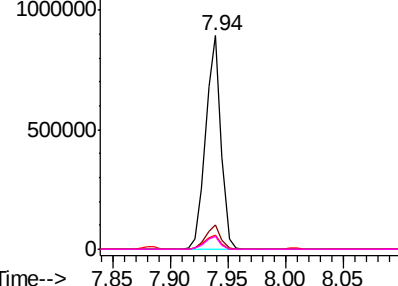
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	818091
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.4	5.2	7.8
68	5.8	4.6	7.0

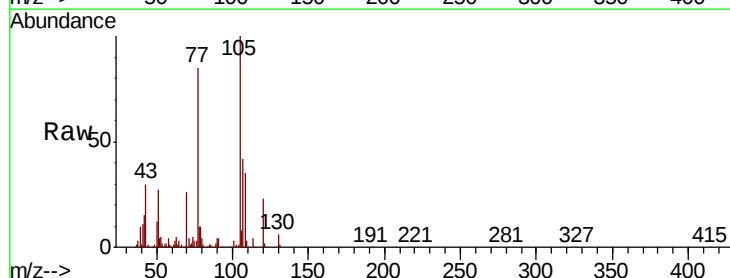


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

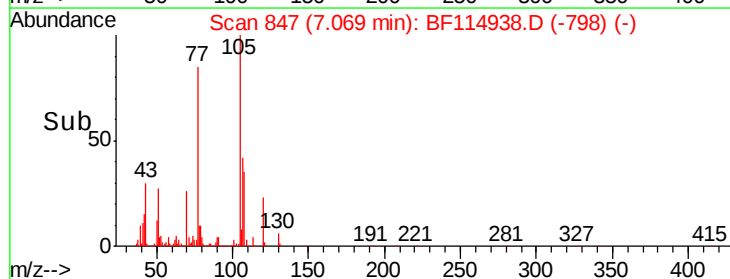
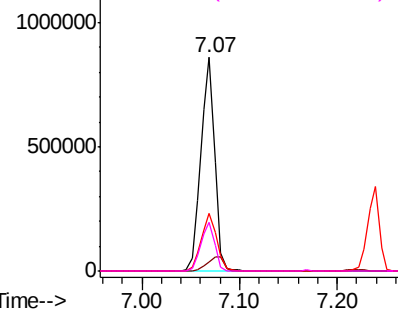


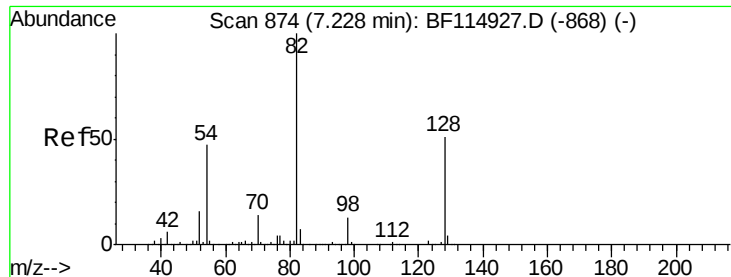
#22
Acetophenone
Concen: 46.094 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:	105	Resp:	844105
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.2
51	26.9	24.0	36.0
120	23.1	18.8	28.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

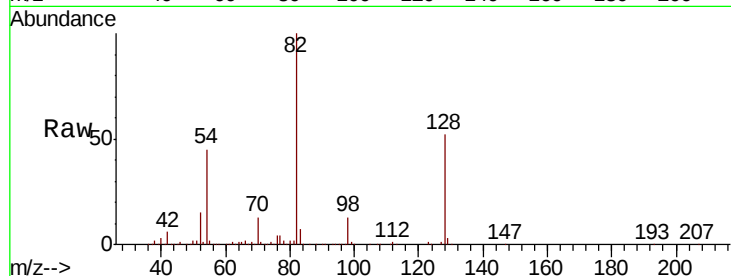




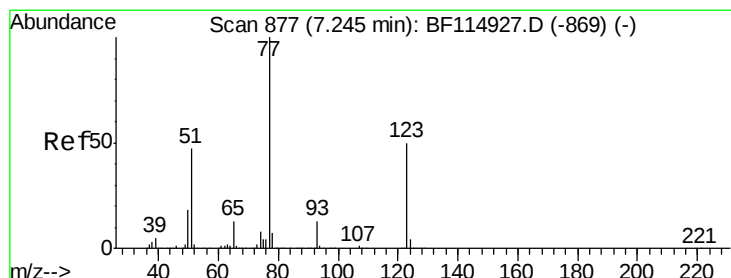
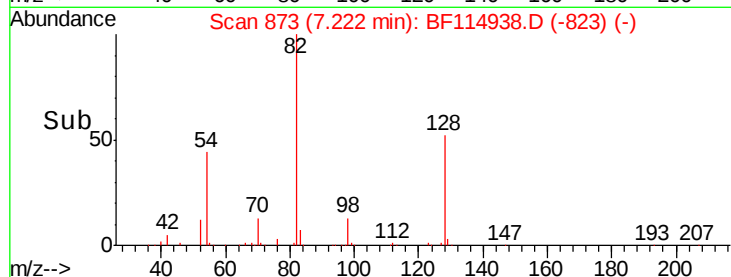
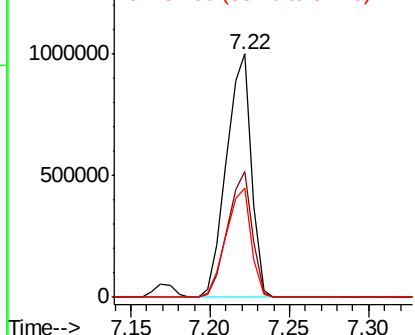
#23
 Nitrobenzene-d5
 Concen: 81.670 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1087418
 Ion Ratio Lower Upper
 82 100
 128 51.9 40.9 61.3
 54 45.0 37.4 56.0

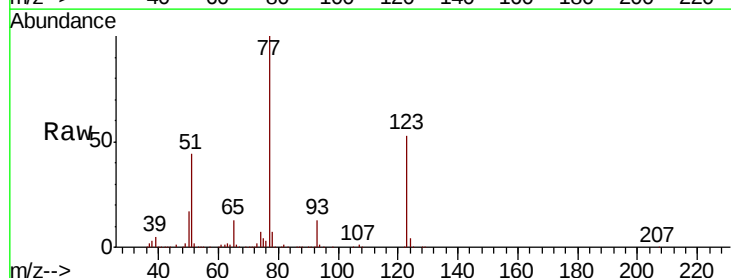


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

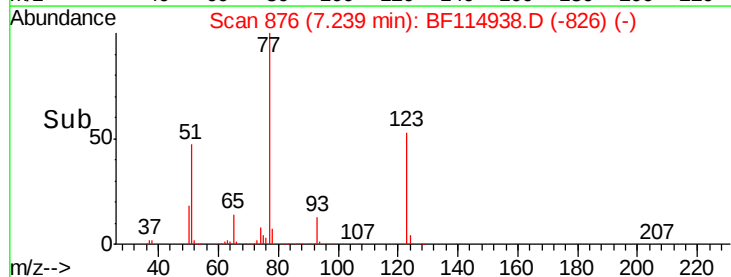
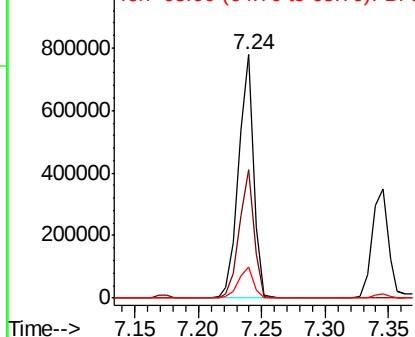


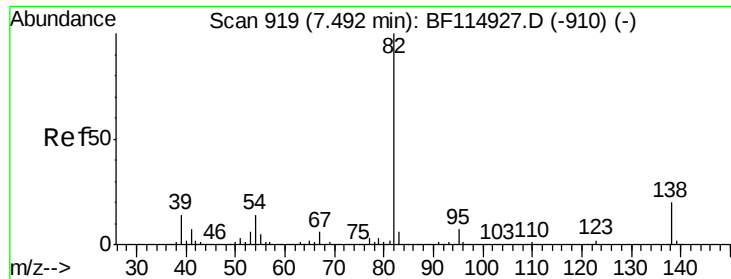
#24
 Nitrobenzene
 Concen: 45.426 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion: 77 Resp: 629205
 Ion Ratio Lower Upper
 77 100
 123 53.0 39.8 59.6
 65 12.6 10.7 16.1



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: 44.181 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

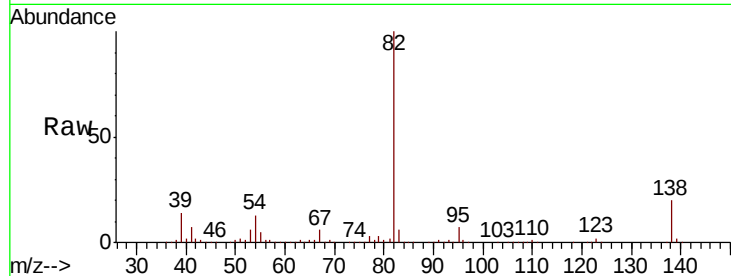
Tot Ion: 82 Resp: 1151958

Ion Ratio Lower Upper

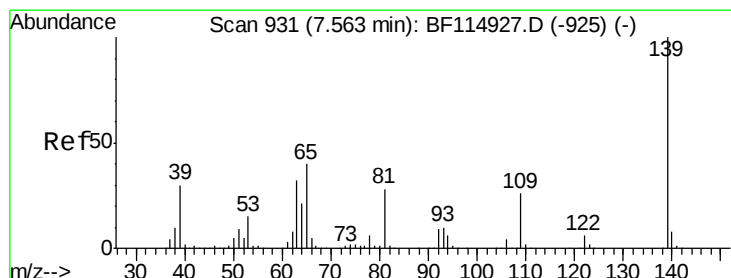
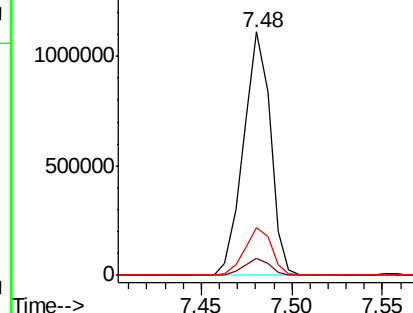
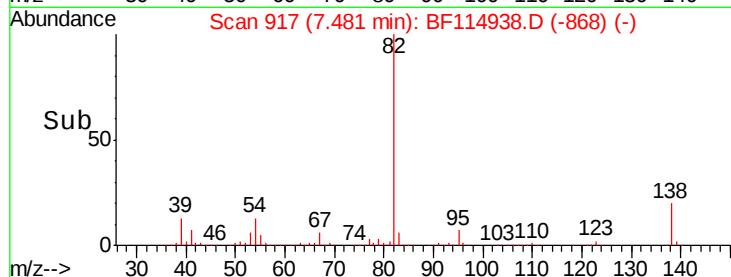
82 100

95 6.8 5.7 8.5

138 19.7 16.4 24.6



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: 46.570 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

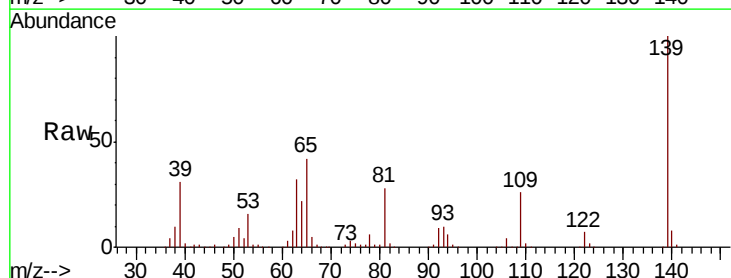
Tgt Ion: 139 Resp: 358361

Ion Ratio Lower Upper

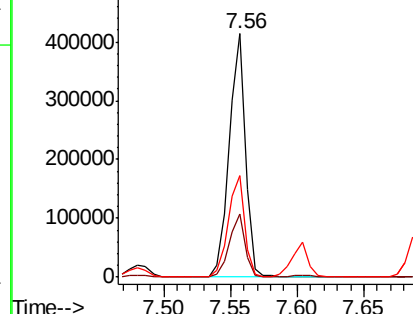
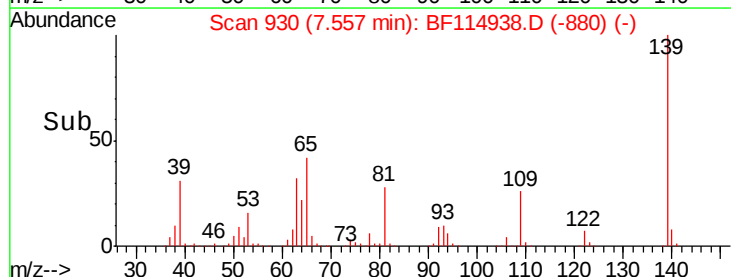
139 100

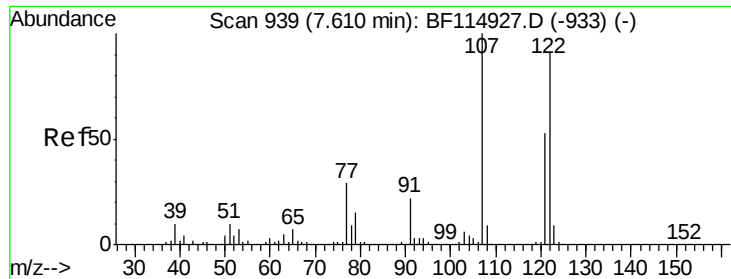
109 26.0 20.6 30.8

65 41.6 32.2 48.2



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: 51.056 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

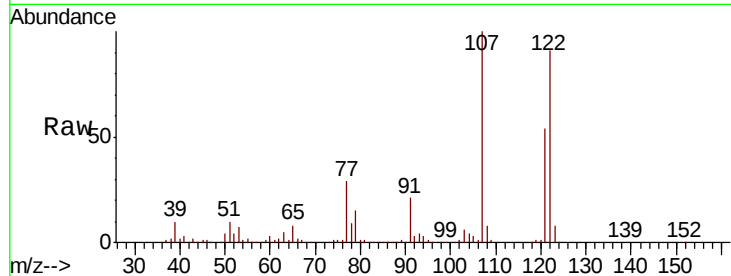
Tot Ion:122 Resp: 574920

Ion Ratio Lower Upper

122 100

107 109.5 88.0 132.0

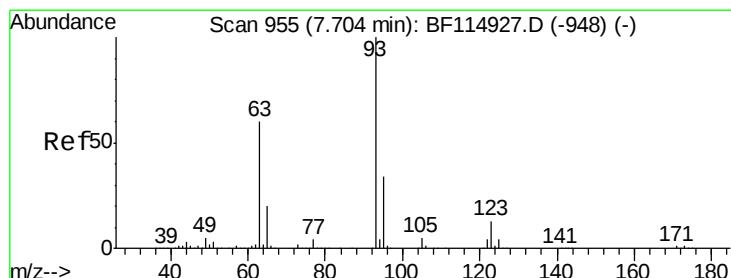
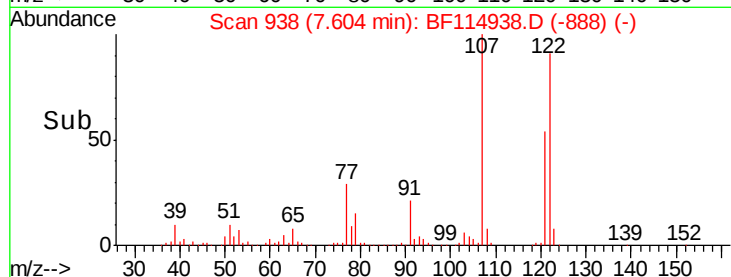
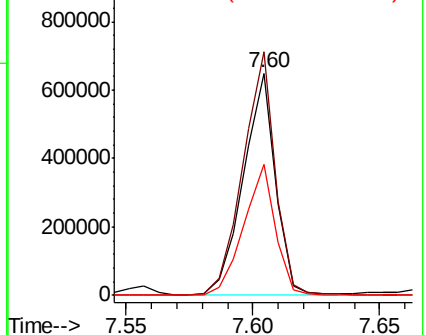
121 58.9 47.0 70.6



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: 43.957 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

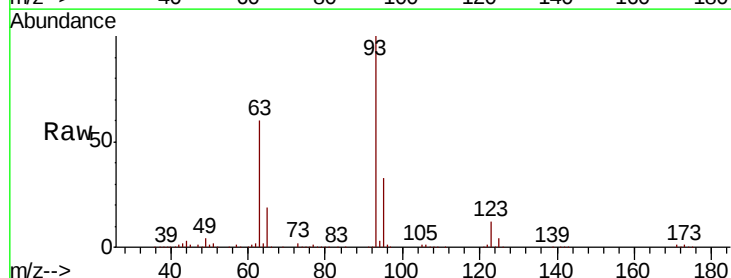
Tgt Ion: 93 Resp: 733169

Ion Ratio Lower Upper

93 100

95 33.1 27.0 40.4

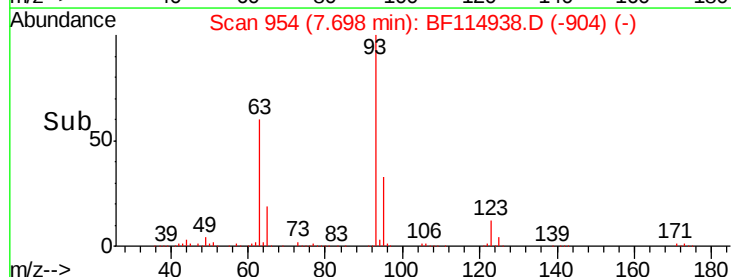
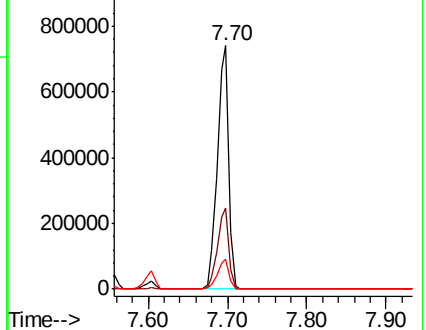
123 12.3 10.3 15.5

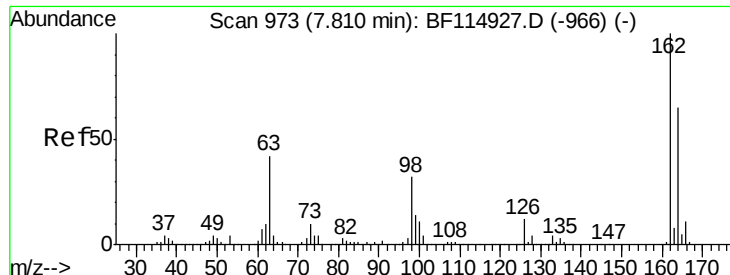


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

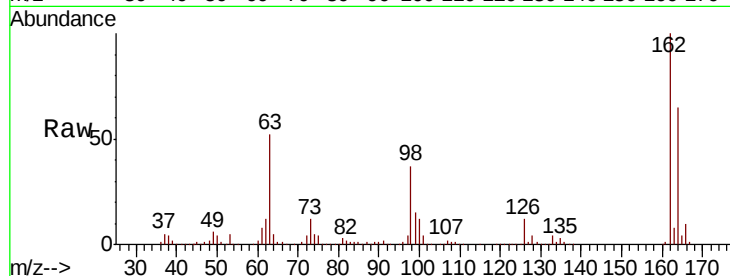




#29
2,4-Dichlorophenol
Concen: 46.152 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	36.6	12.5	52.5

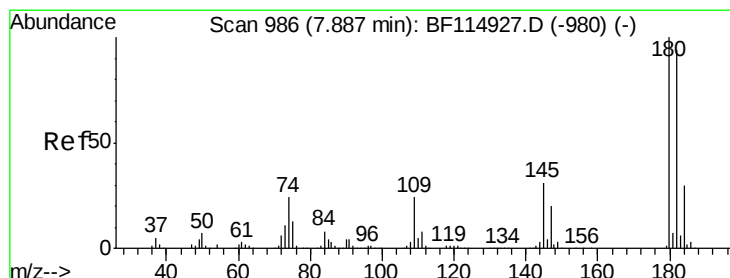
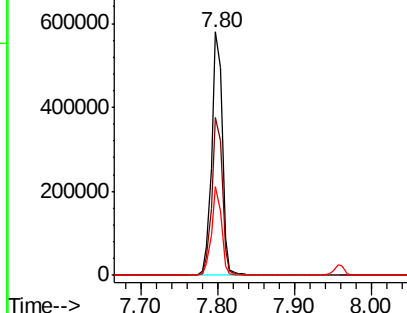
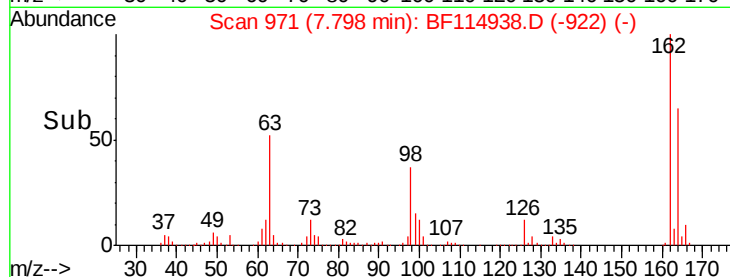


Abundance

Ion 162.00 (161.70 to 162.70): E

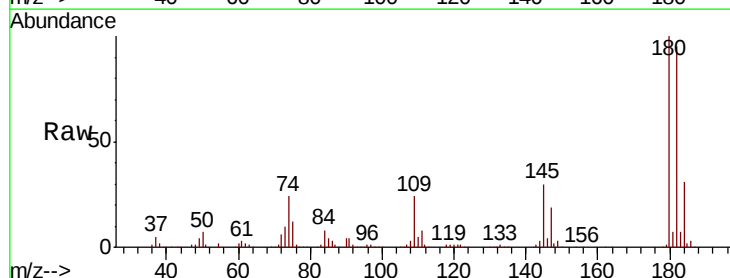
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.583 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	30.3	25.1	37.7

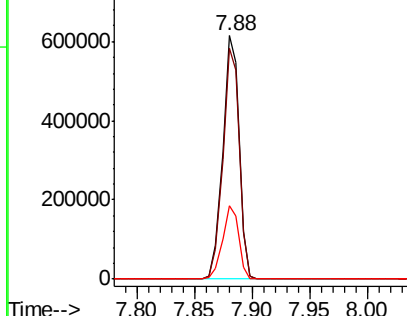
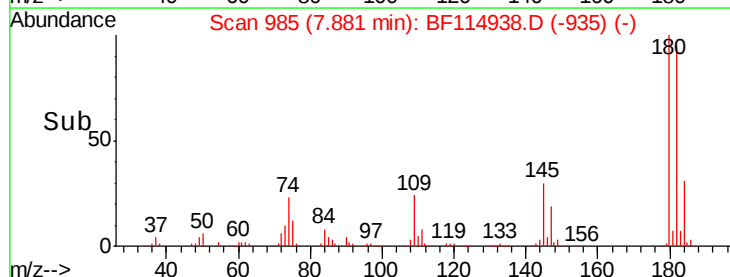


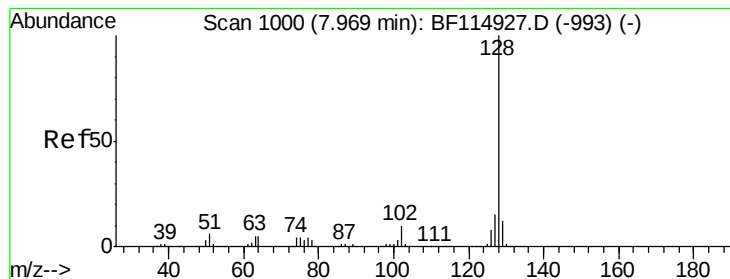
Abundance

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: 48.256 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

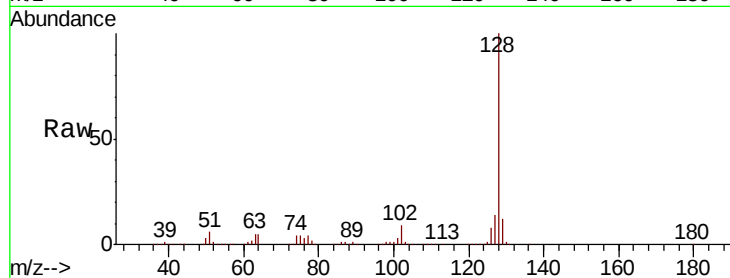
Tot Ion:128 Resp: 1819037

Ion Ratio Lower Upper

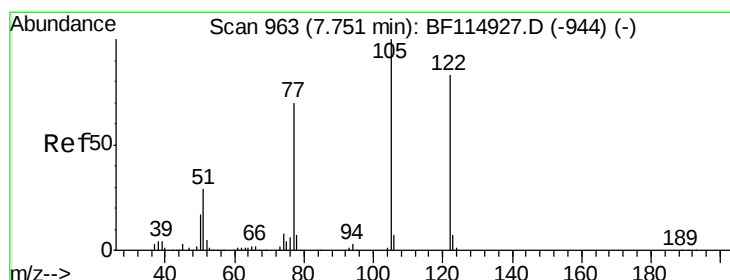
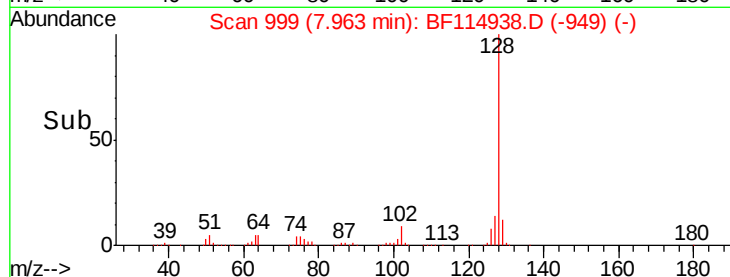
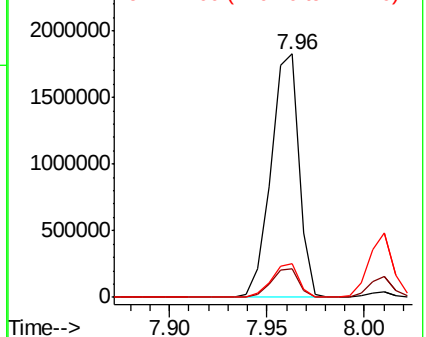
128 100

129 11.7 9.8 14.8

127 13.7 11.8 17.6



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: 6.365 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.07 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

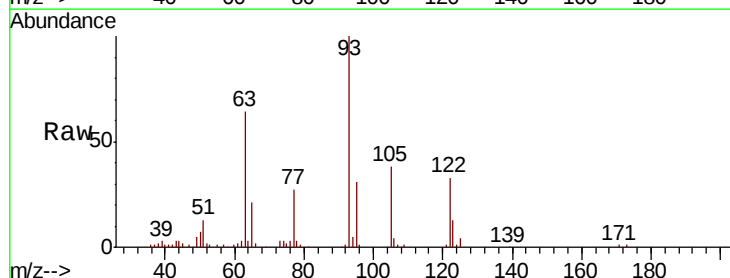
Tgt Ion:122 Resp: 53536

Ion Ratio Lower Upper

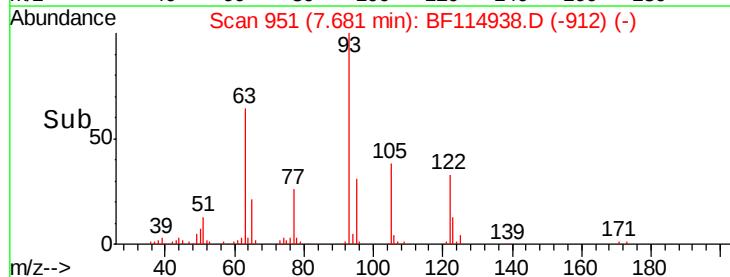
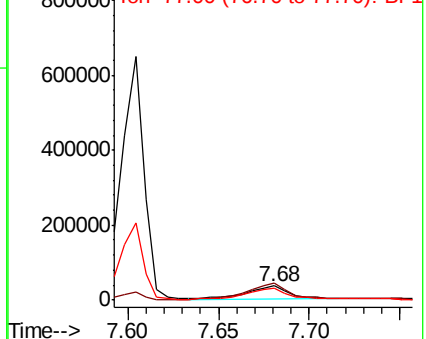
122 100

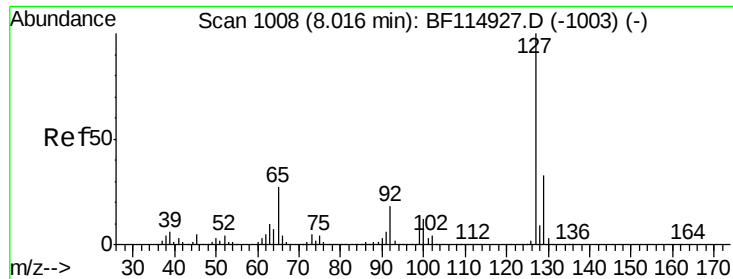
105 116.7 97.7 137.7

77 82.5 63.0 103.0



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

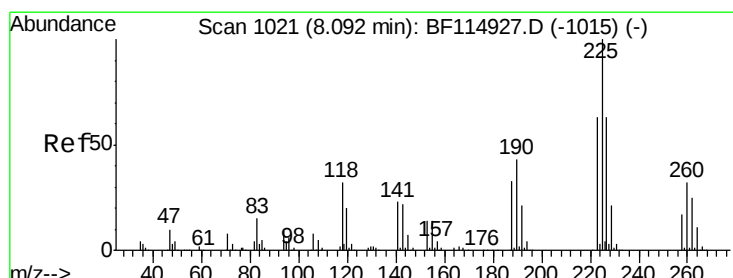
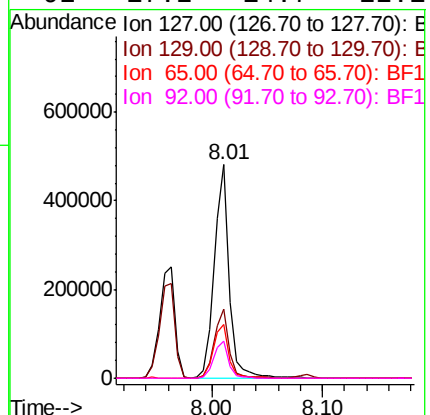
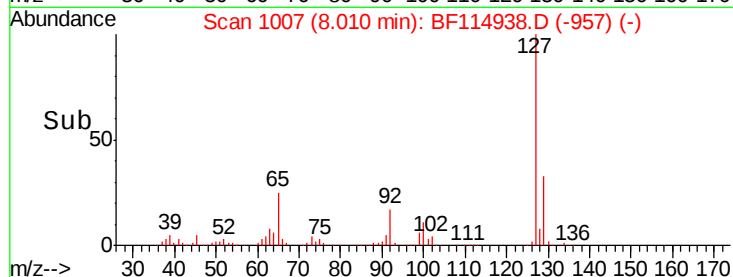
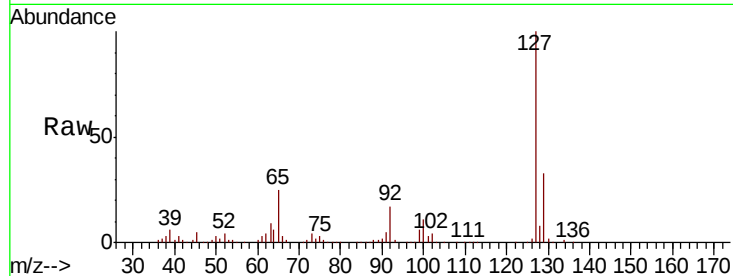




#33
4-Chloroaniline
Concen: 24.618 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

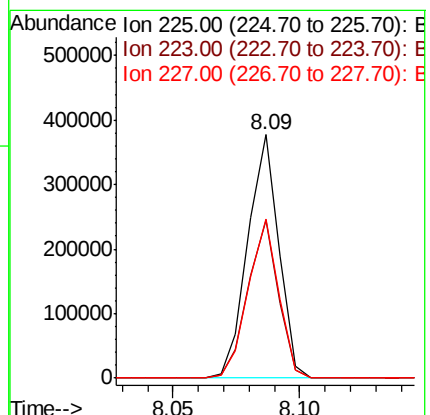
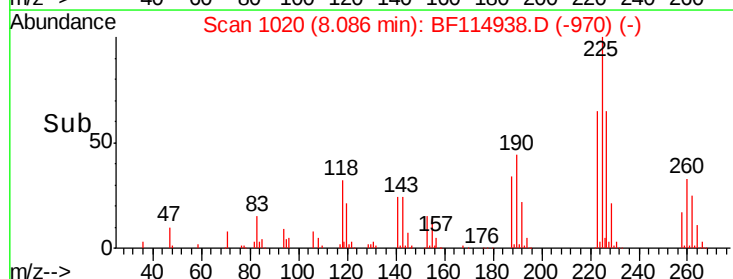
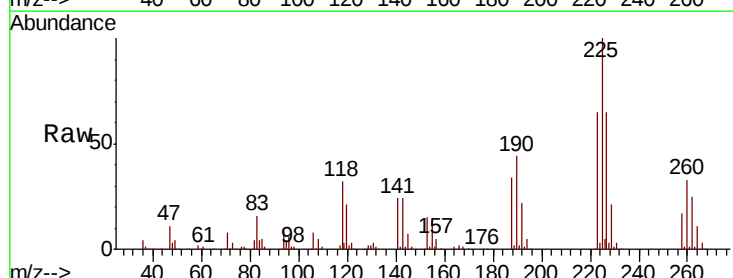
Instrument :
BNA_F
ClientSampleId :

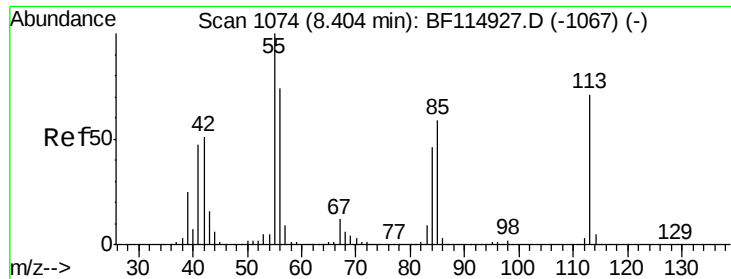
Tot Ion:	127	Resp:	437922
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	24.9	21.5	32.3
92	17.2	14.7	22.1



#34
Hexachlorobutadiene
Concen: 42.309 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:	225	Resp:	321149
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	75.8
227	65.4	50.6	75.8

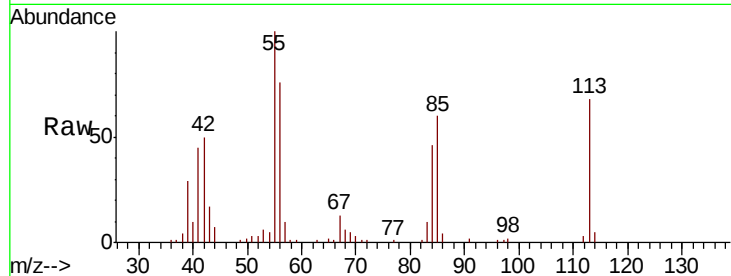




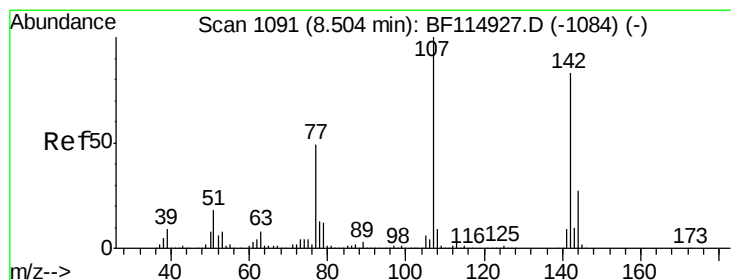
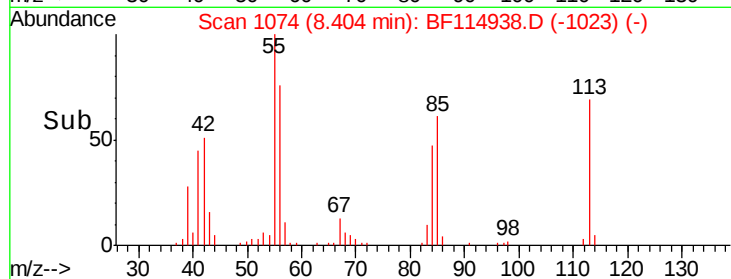
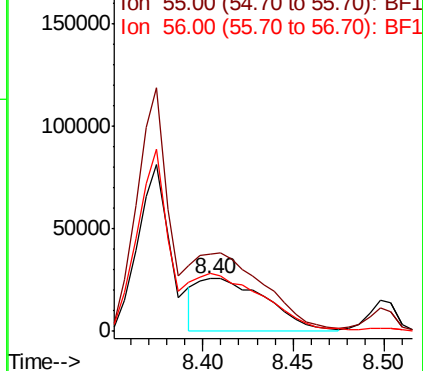
#35
Caprolactam
Concen: 17.225 ng
RT: 8.40 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 68422
Ion Ratio Lower Upper
113 100
55 146.2 120.9 160.9
56 110.4 84.3 124.3

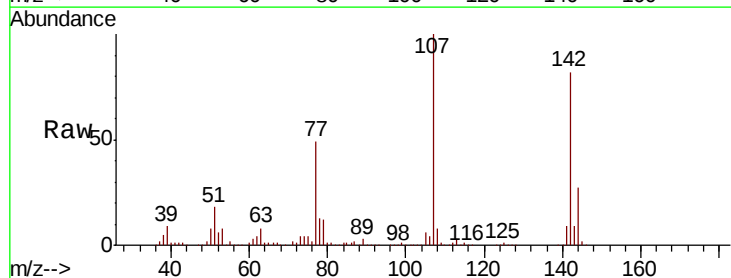


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

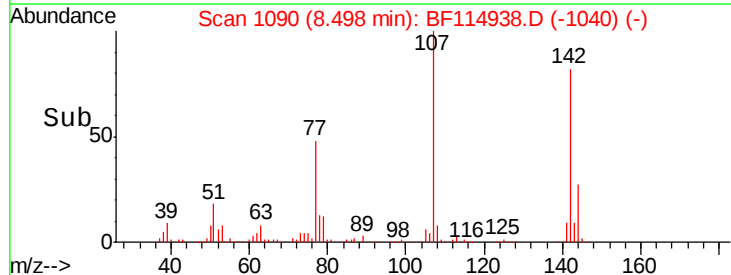
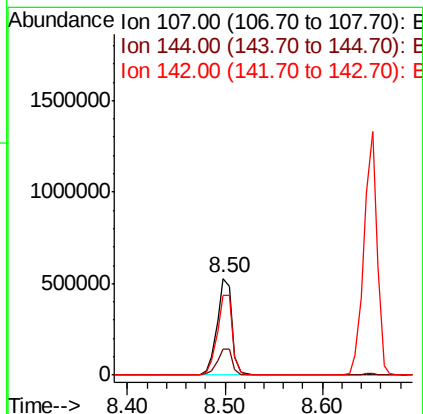


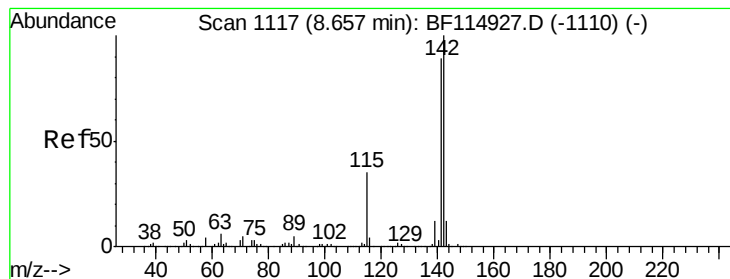
#36
4-Chloro-3-methylphenol
Concen: 46.491 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:107 Resp: 556836
Ion Ratio Lower Upper
107 100
144 27.0 21.6 32.4
142 81.9 66.1 99.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.743 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

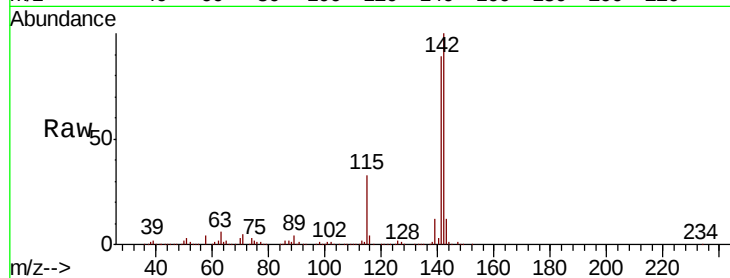
Tot Ion:142 Resp: 1248598

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7

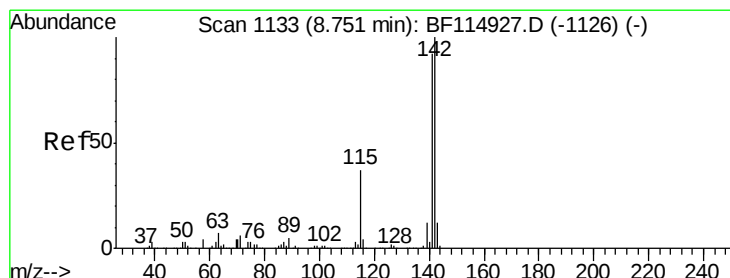
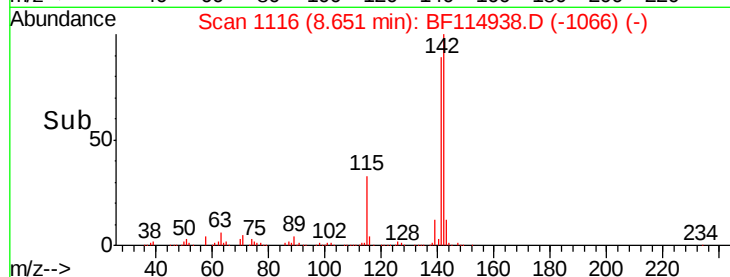
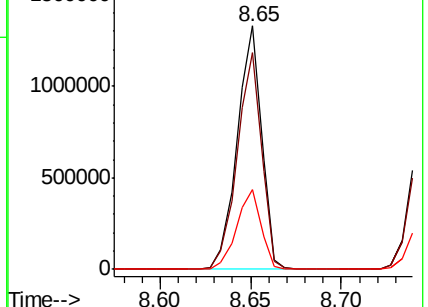
115 32.6 27.8 41.6



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: 48.302 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

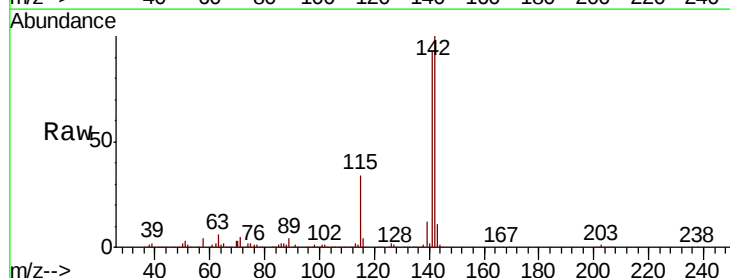
Tgt Ion:142 Resp: 1170212

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

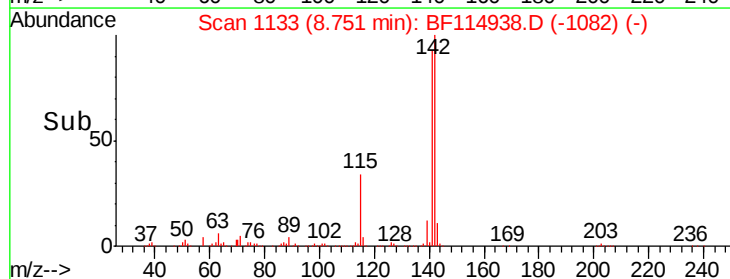
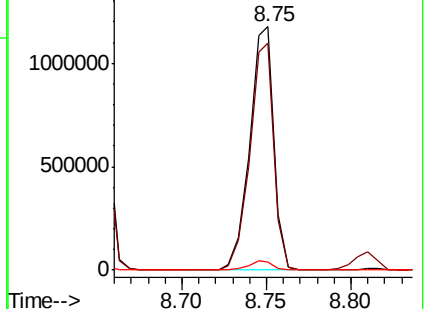
116 3.5 3.1 4.7

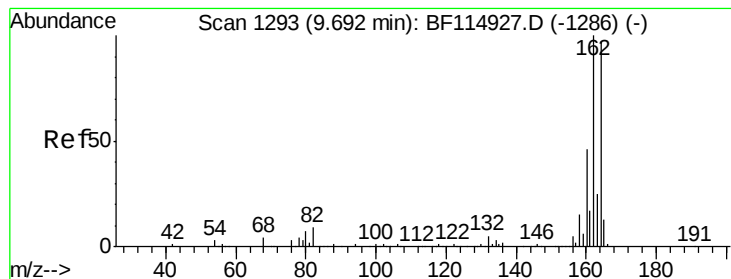


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

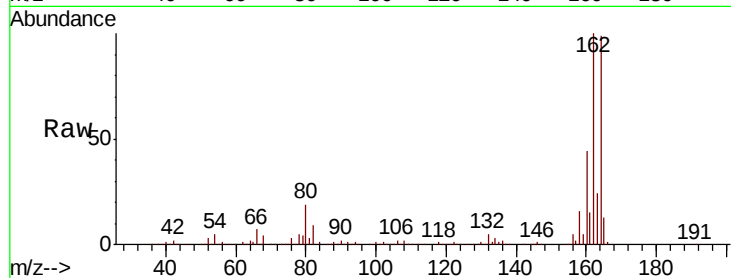
Tot Ion:164 Resp: 407312

Ion Ratio Lower Upper

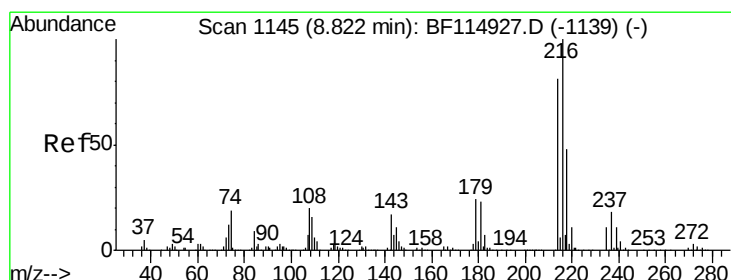
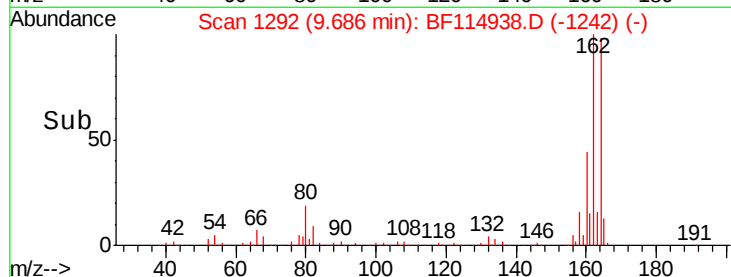
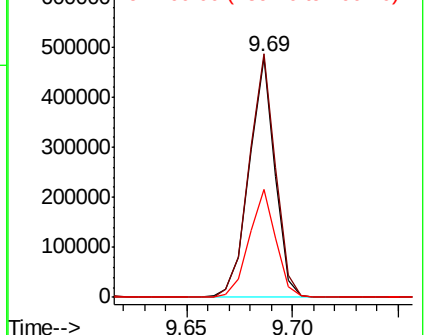
164 100

162 101.3 82.4 123.6

160 44.6 37.5 56.3



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: 45.374 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:216 Resp: 531369

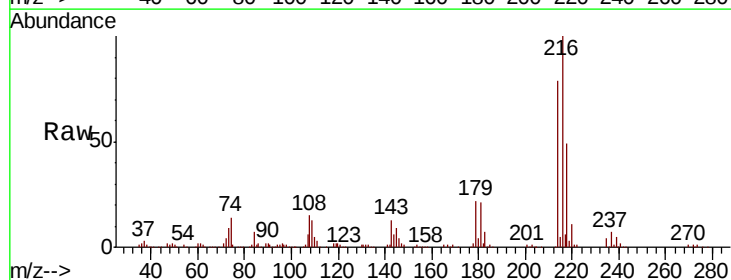
Ion Ratio Lower Upper

216 100

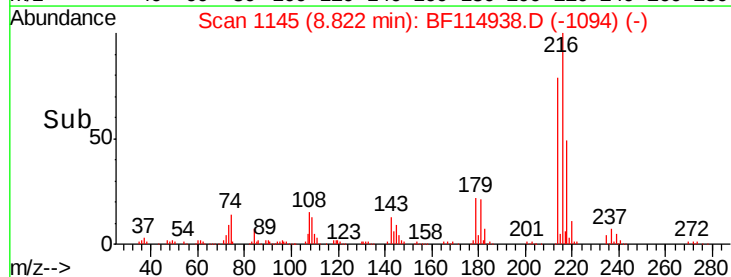
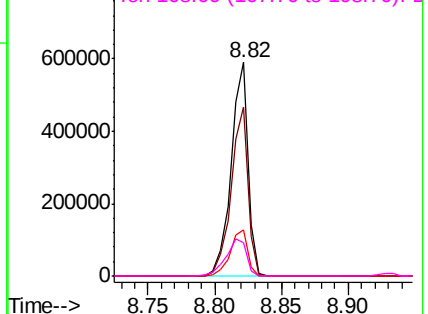
214 79.1 63.8 95.8

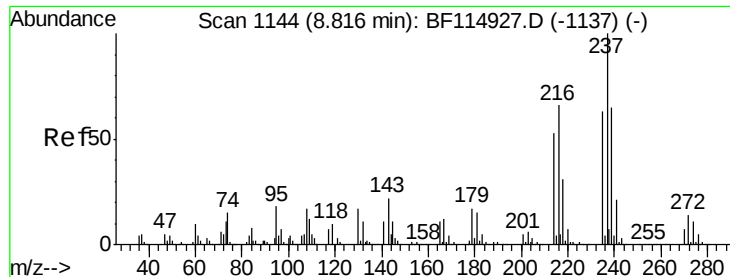
179 22.5 18.5 27.7

108 20.7 15.6 23.4



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: 97.024 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

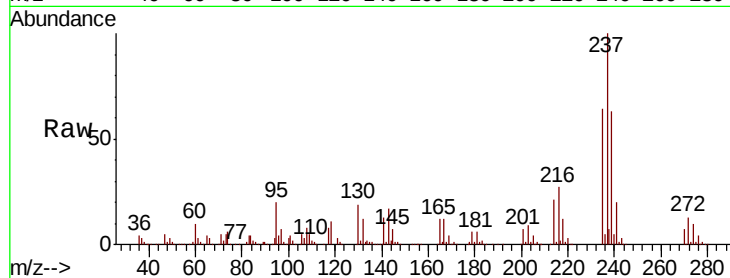
Tot Ion:237 Resp: 645861

Ion Ratio Lower Upper

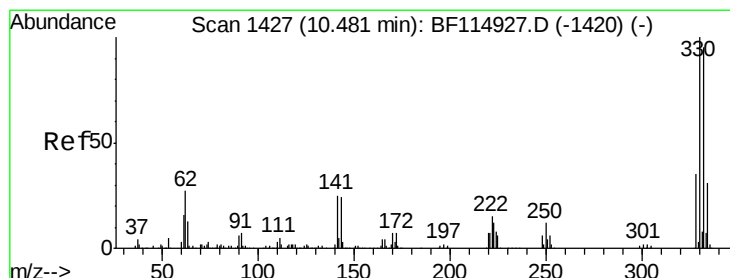
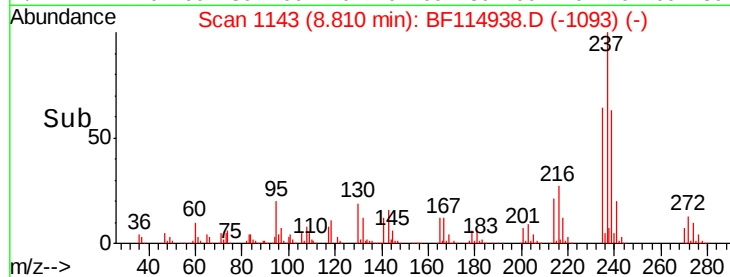
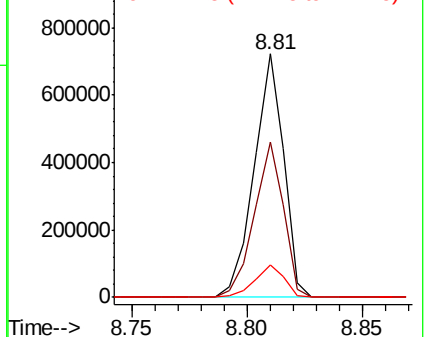
237 100

235 63.8 43.3 83.3

272 13.1 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 120.739 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

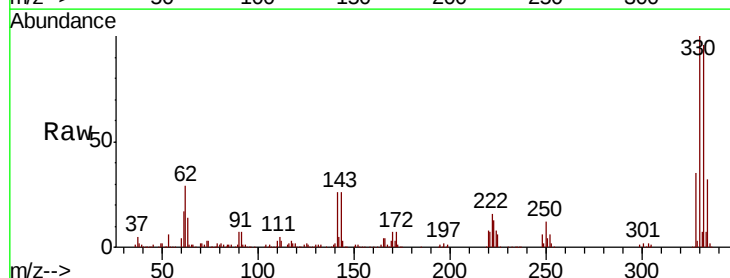
Tgt Ion:330 Resp: 534968

Ion Ratio Lower Upper

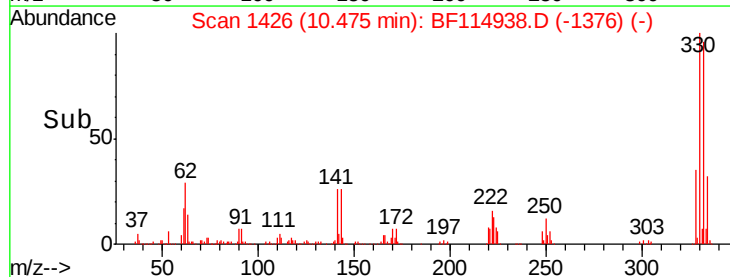
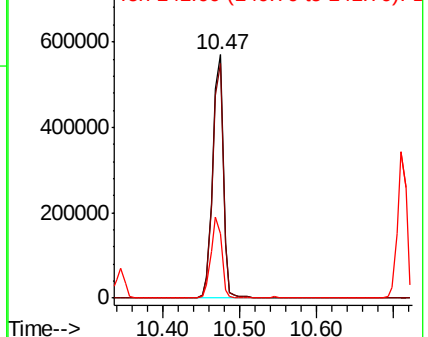
330 100

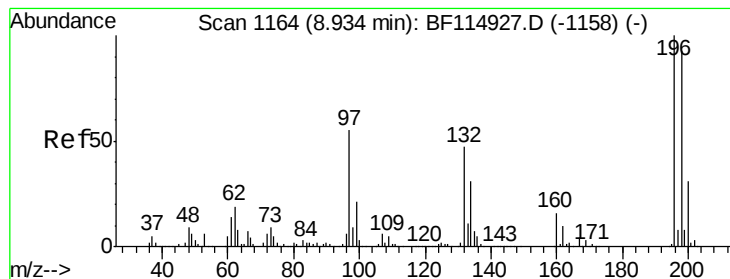
332 96.6 76.4 114.6

141 34.1 26.8 40.2



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





#43

2,4,6-Trichlorophenol

Concen: 44.635 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

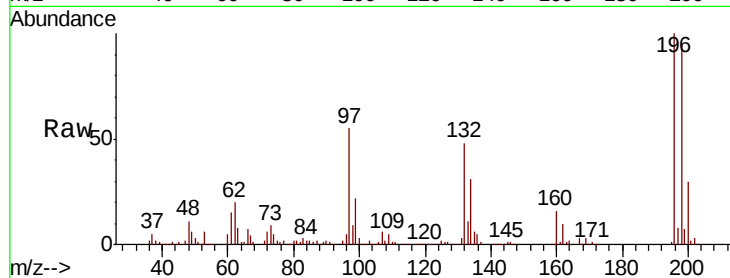
Tot Ion:196 Resp: 396918

Ion Ratio Lower Upper

196 100

198 95.2 74.8 112.2

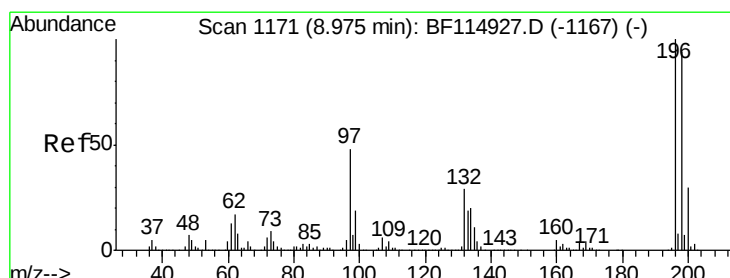
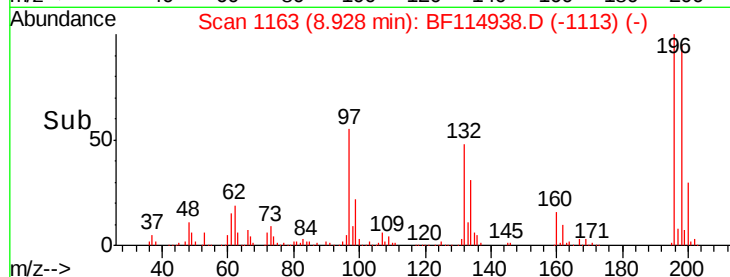
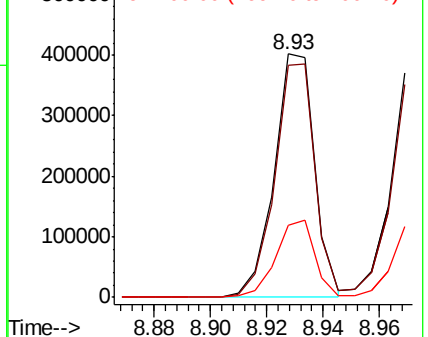
200 29.8 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.158 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:196 Resp: 432398

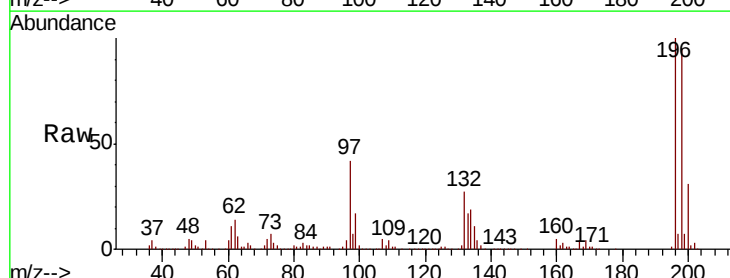
Ion Ratio Lower Upper

196 100

198 95.4 75.6 113.4

97 41.8 38.6 57.8

132 27.4 23.7 35.5

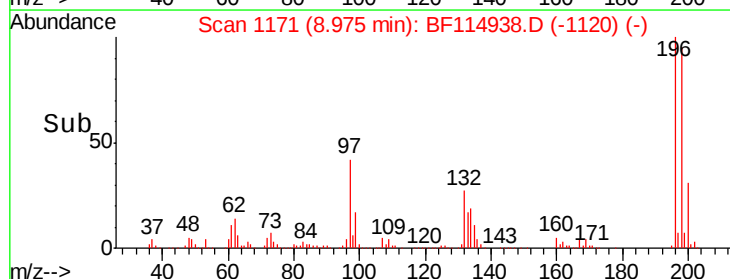
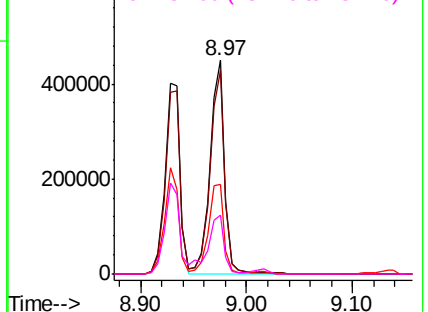


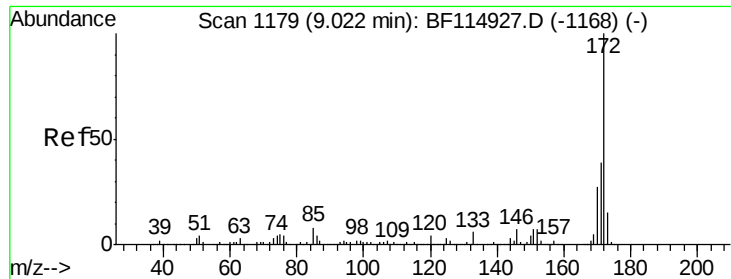
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

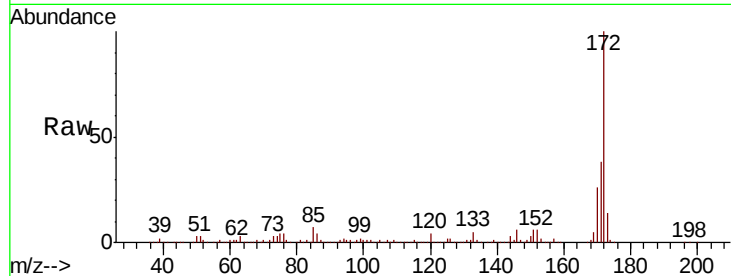




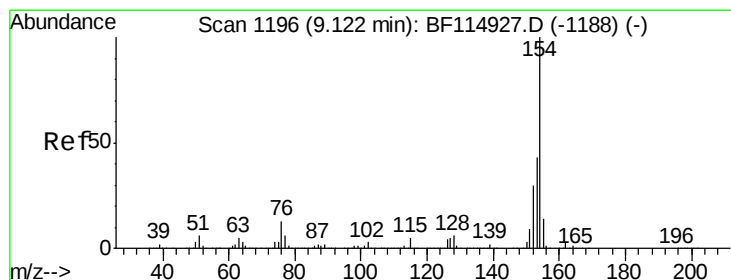
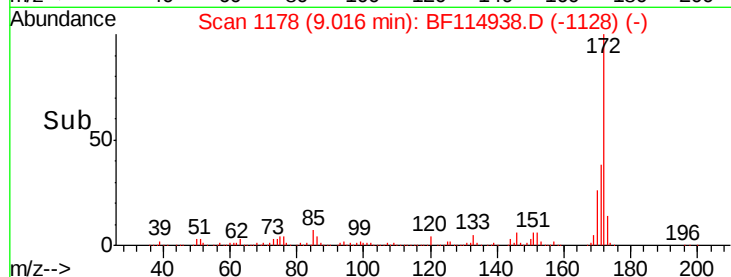
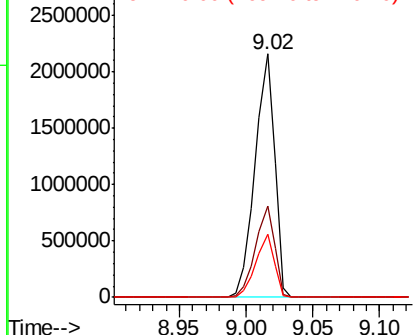
#45
2-Fluorobiphenyl
Concen: 84.201 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2160972
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.7 21.4 32.0

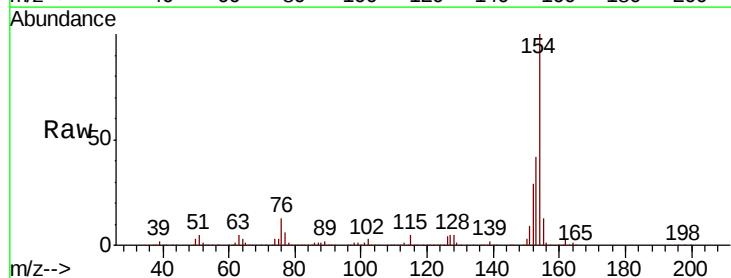


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

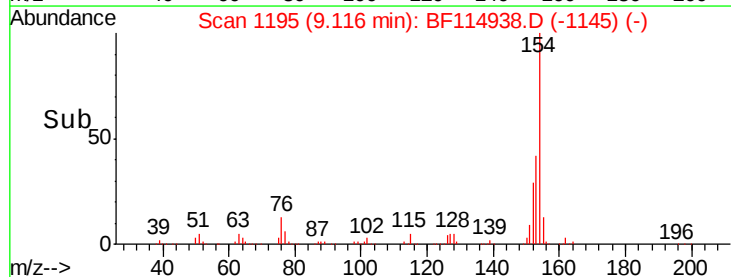
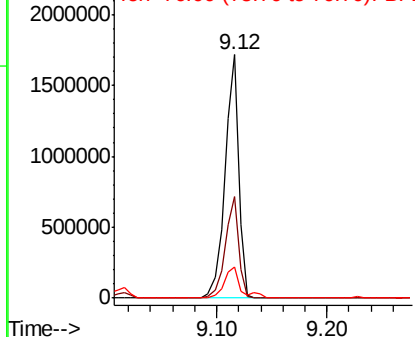


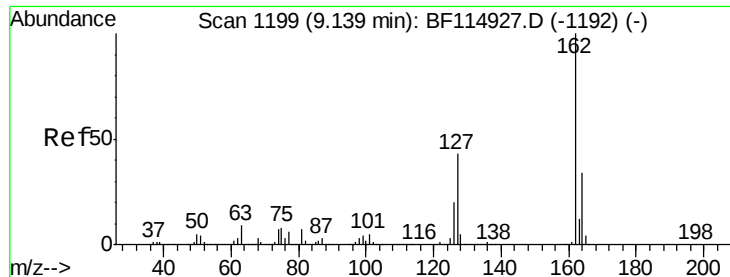
#46
1,1'-Biphenyl
Concen: 48.652 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:154 Resp: 1482538
Ion Ratio Lower Upper
154 100
153 41.9 22.8 62.8
76 12.5 0.0 33.0



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

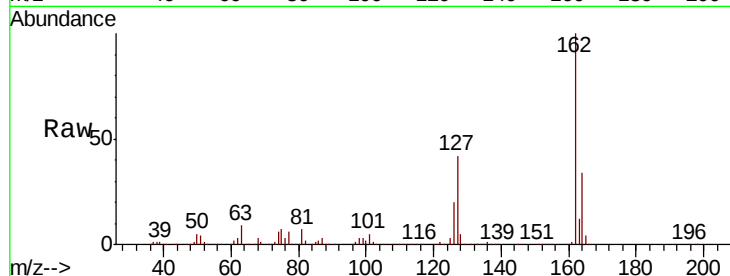




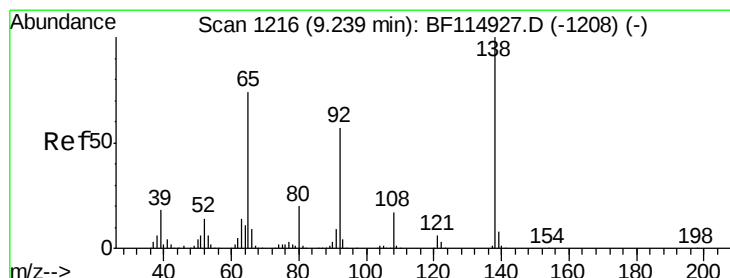
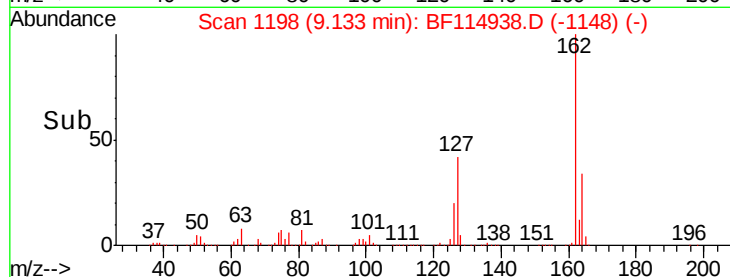
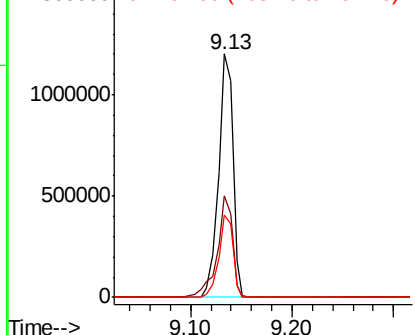
#47
 2-Chloronaphthalene
 Concen: 45.980 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1182788
 Ion Ratio Lower Upper
 162 100
 127 42.0 34.6 51.8
 164 33.7 27.5 41.3

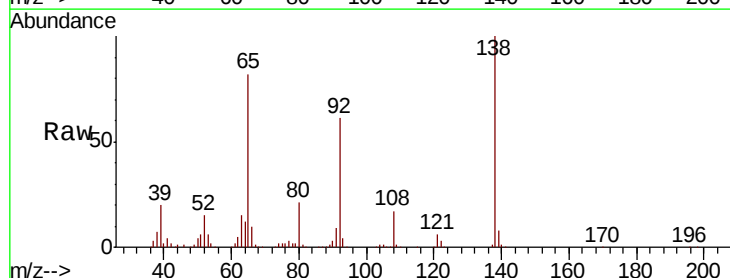


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

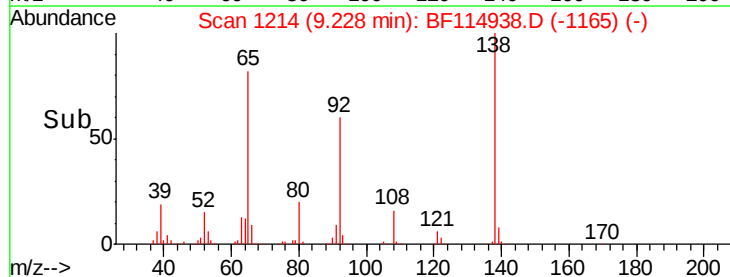
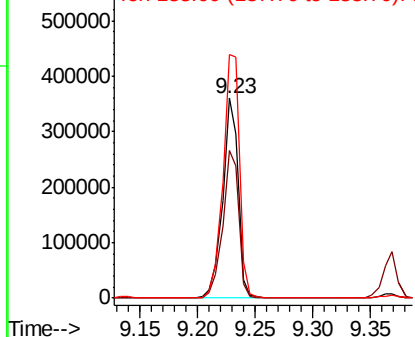


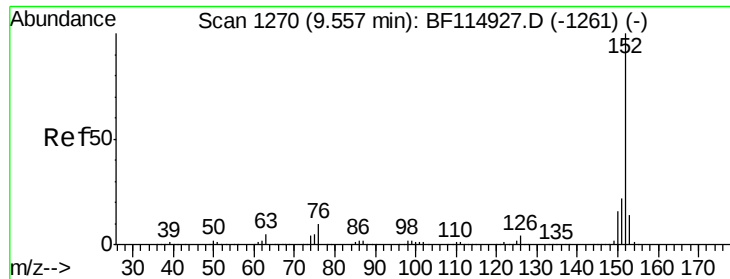
#48
 2-Nitroaniline
 Concen: 43.135 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion: 65 Resp: 337757
 Ion Ratio Lower Upper
 65 100
 92 73.9 61.9 92.9
 138 121.9 108.6 162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.966 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

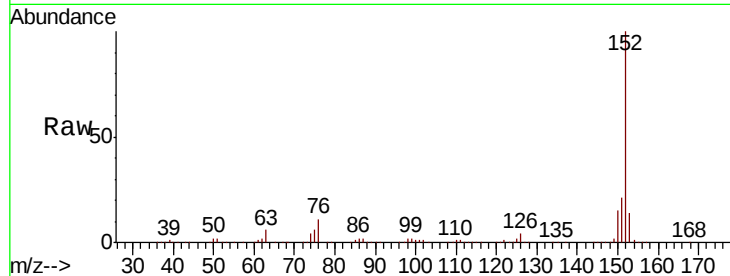
Tot Ion:152 Resp: 1856166

Ion Ratio Lower Upper

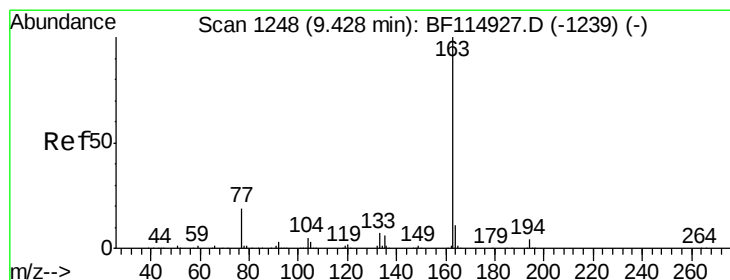
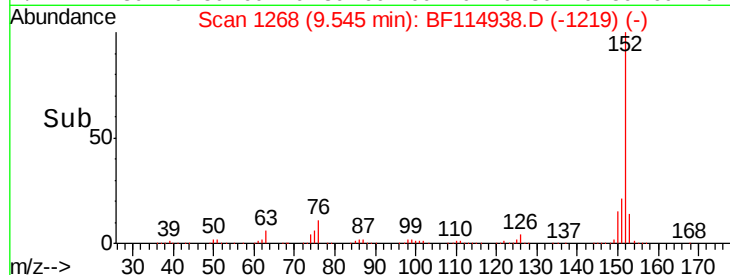
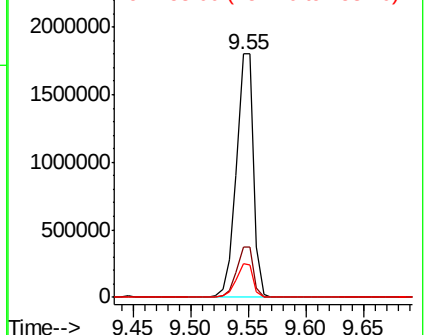
152 100

151 20.9 17.6 26.4

153 14.1 11.4 17.0



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: 45.090 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

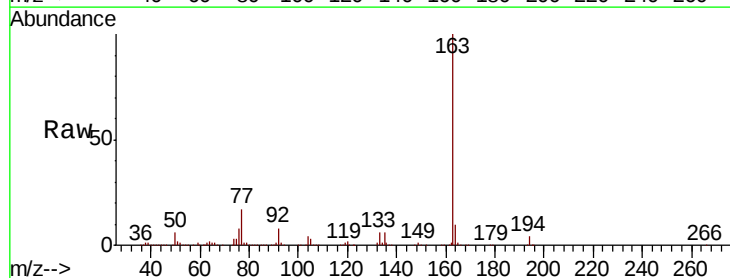
Tgt Ion:163 Resp: 1380355

Ion Ratio Lower Upper

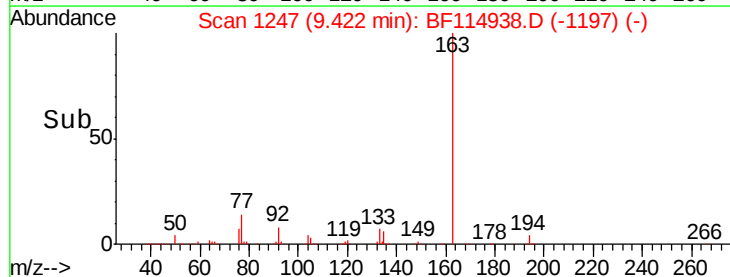
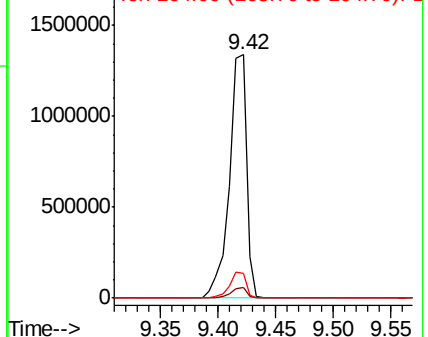
163 100

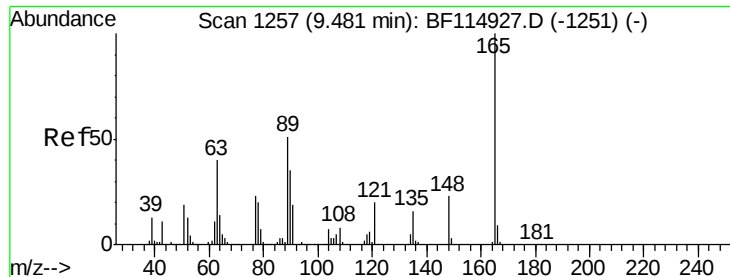
194 4.2 3.4 5.0

164 9.9 8.7 13.1



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: 46.220 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

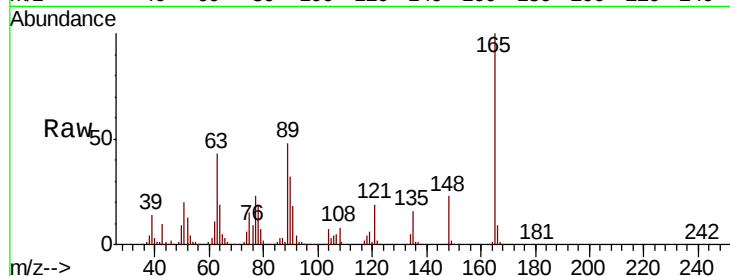
Tot Ion:165 Resp: 324991

Ion Ratio Lower Upper

165 100

63 42.9 38.3 57.5

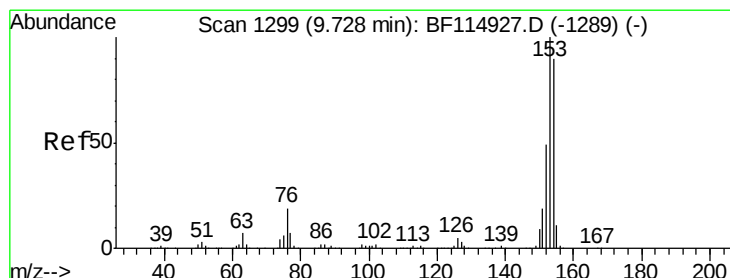
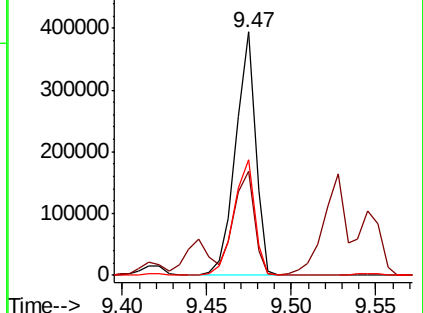
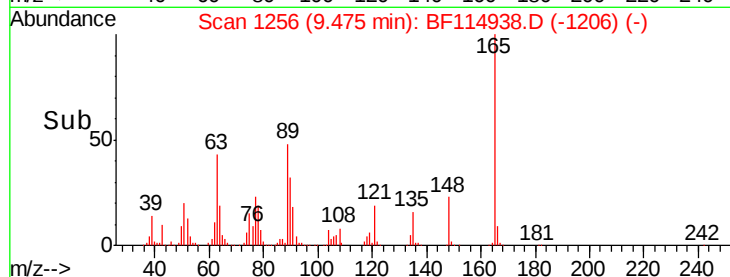
89 47.6 40.8 61.2



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: 47.194 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

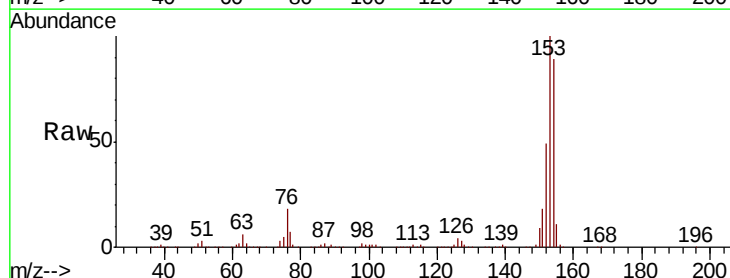
Tgt Ion:154 Resp: 1083834

Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

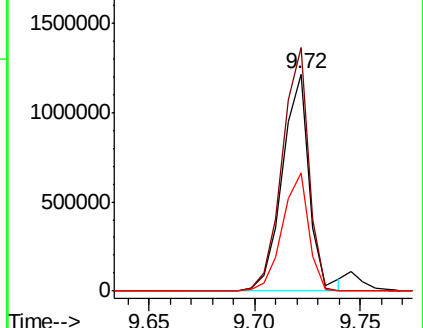
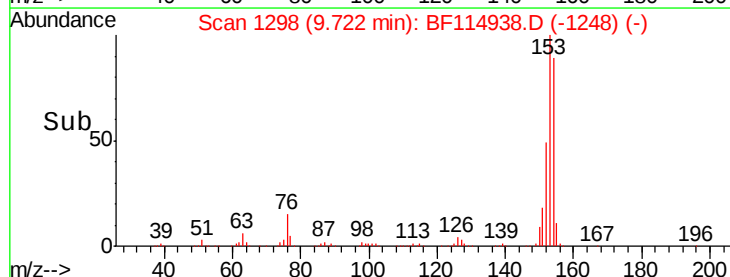
152 54.7 43.8 65.6

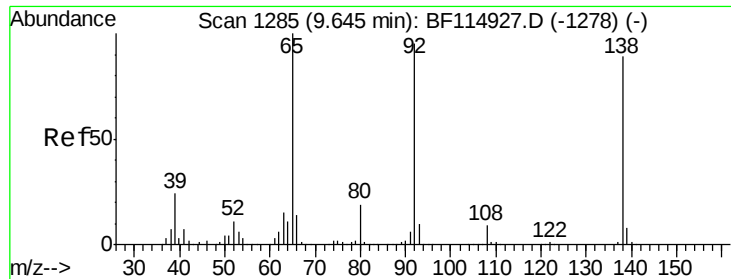


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

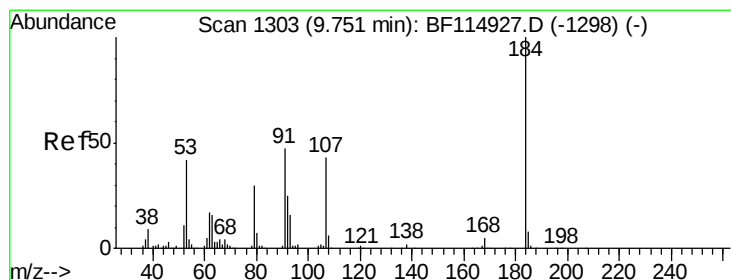
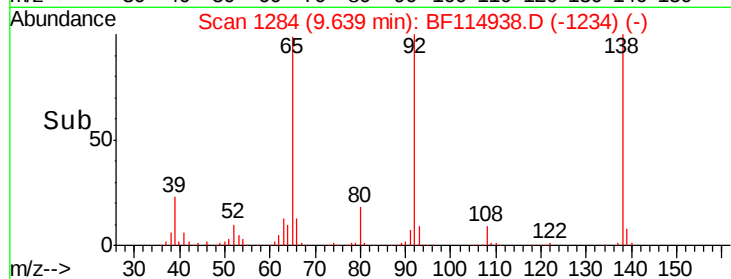
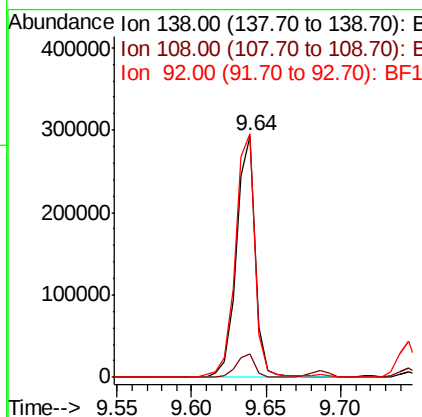
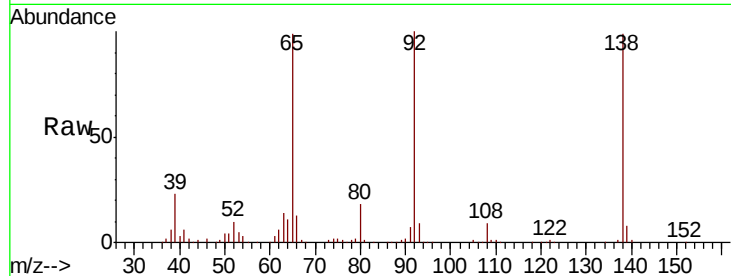




#53
 3-Nitroaniline
 Concen: 30.872 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

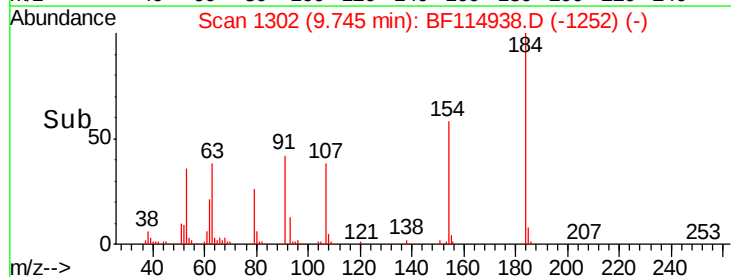
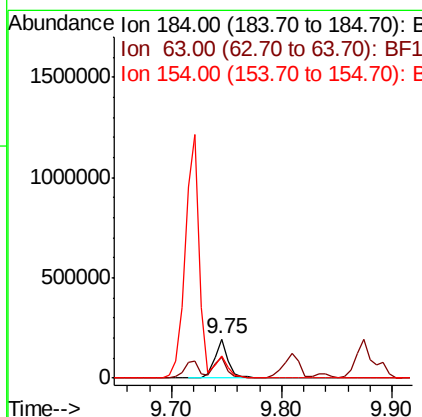
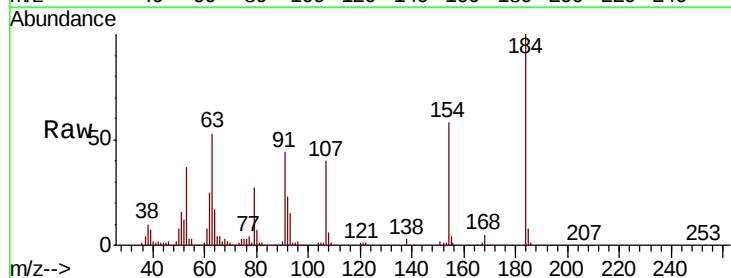
Instrument :
 BNA_F
 ClientSampleId :

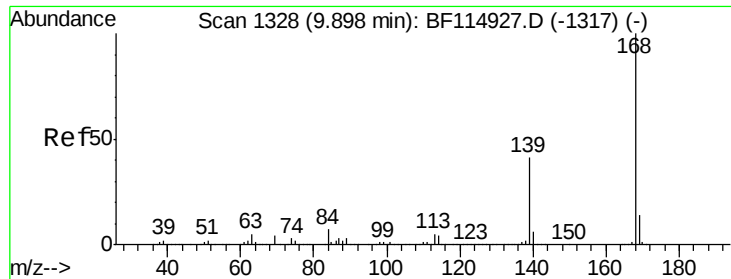
Tot Ion:138 Resp: 260667
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 100.8 85.0 127.6



#54
 2,4-Dinitrophenol
 Concen: 47.485 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion:184 Resp: 165253
 Ion Ratio Lower Upper
 184 100
 63 52.9 47.4 71.0
 154 58.1 48.6 73.0

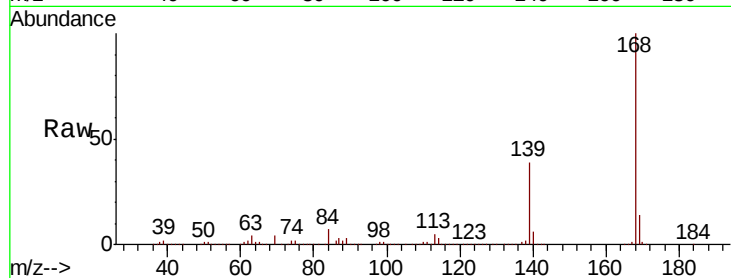




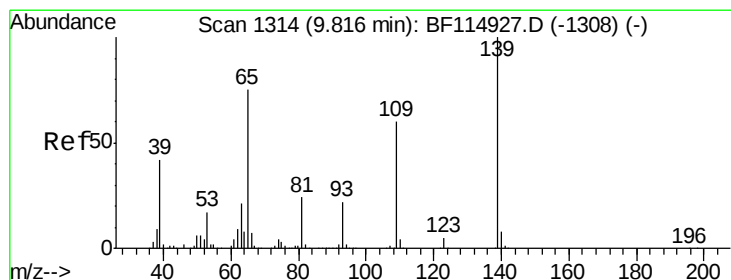
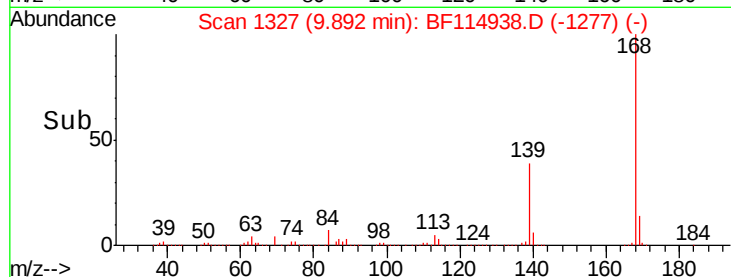
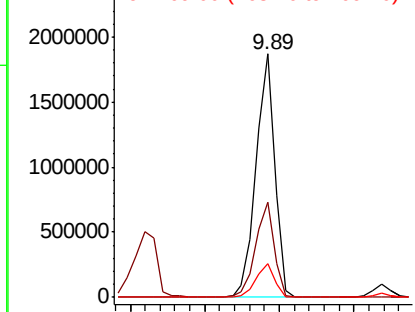
#55
Dibenzofuran
Concen: 49.196 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1612786
Ion Ratio Lower Upper
168 100
139 39.0 33.0 49.4
169 14.0 11.6 17.4

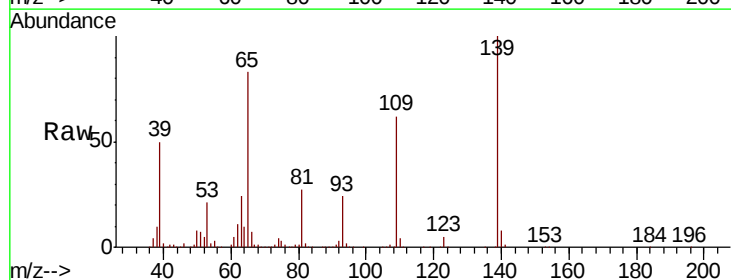


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

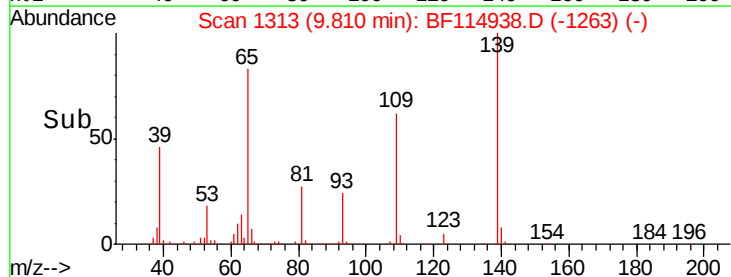
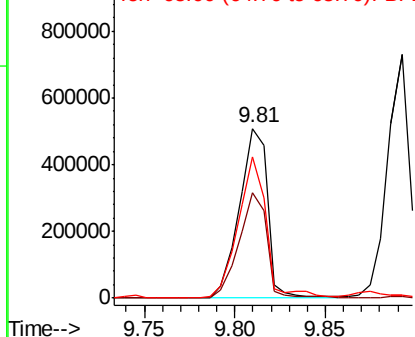


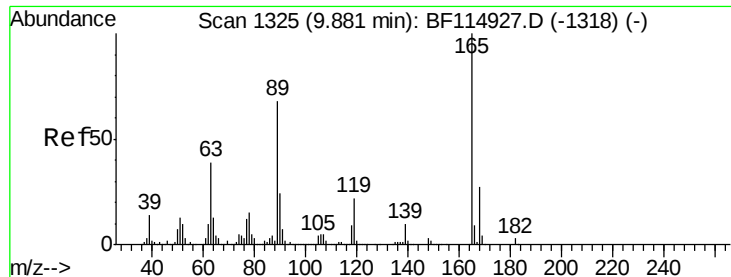
#56
4-Nitrophenol
Concen: 91.641 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:139 Resp: 551457
Ion Ratio Lower Upper
139 100
109 62.3 40.0 80.0
65 83.3 55.0 95.0



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

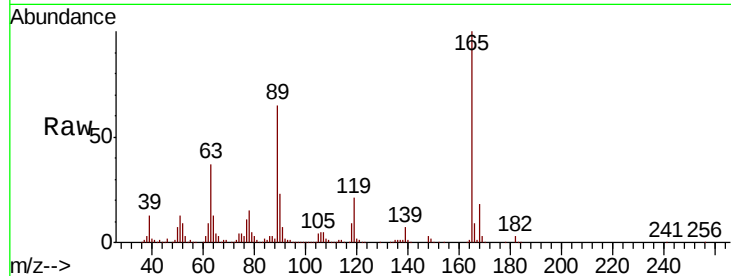




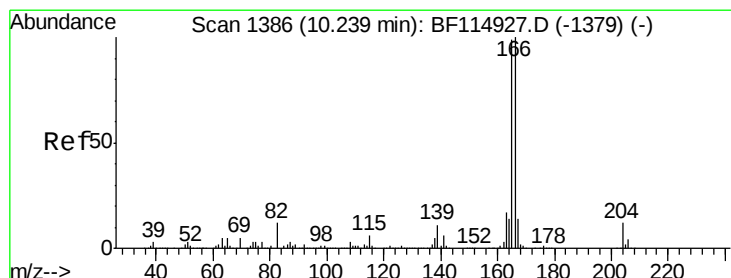
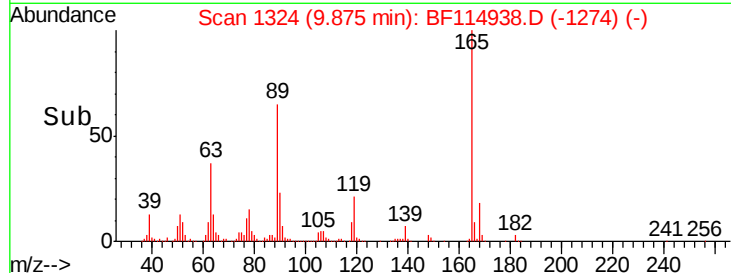
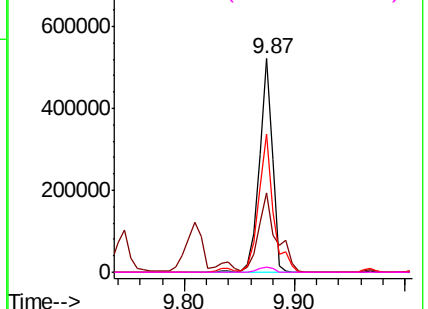
#57
2,4-Dinitrotoluene
Concen: 49.008 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 435574
Ion Ratio Lower Upper
165 100
63 37.0 31.8 47.6
89 65.0 54.2 81.2
182 2.5 2.1 3.1

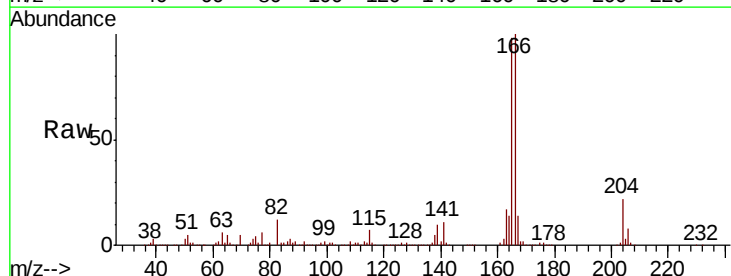


Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

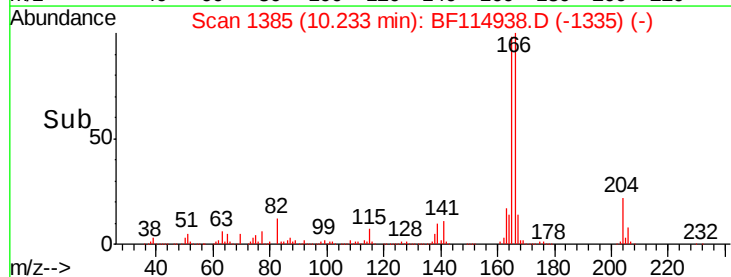
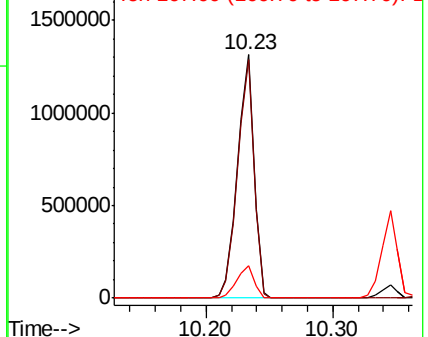


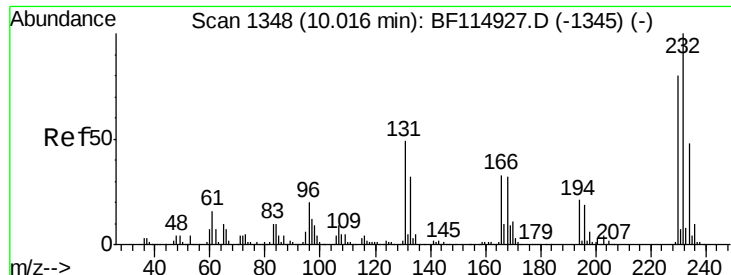
#58
Fluorene
Concen: 46.475 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:166 Resp: 1174440
Ion Ratio Lower Upper
166 100
165 97.8 79.2 118.8
167 13.5 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
1500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

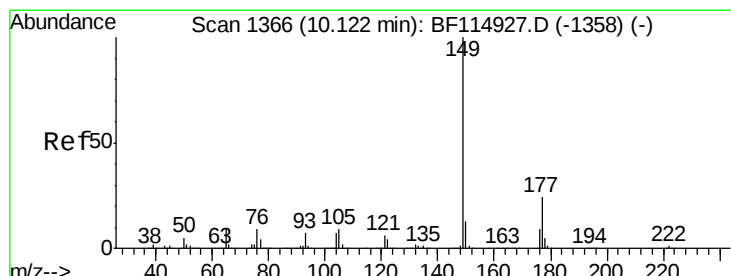
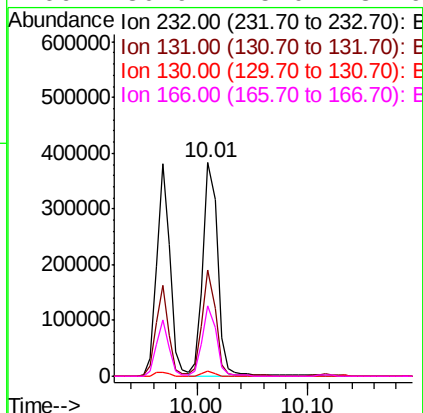
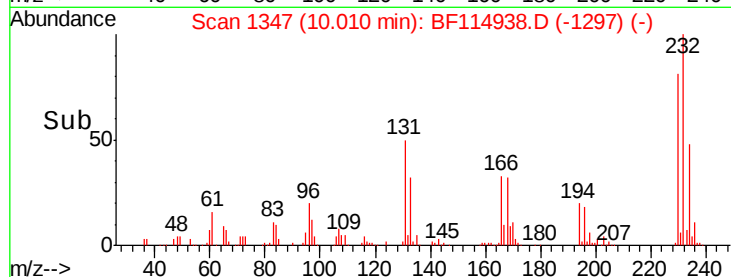
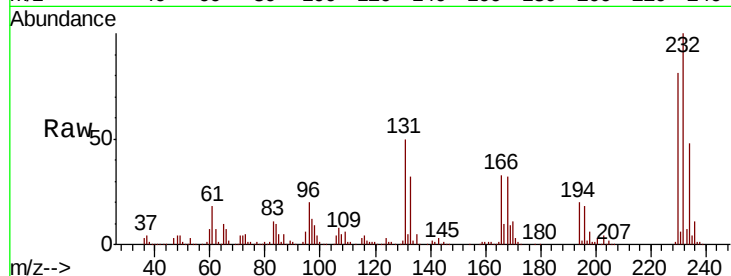




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.909 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

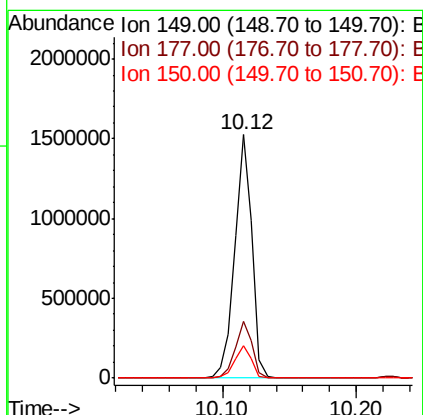
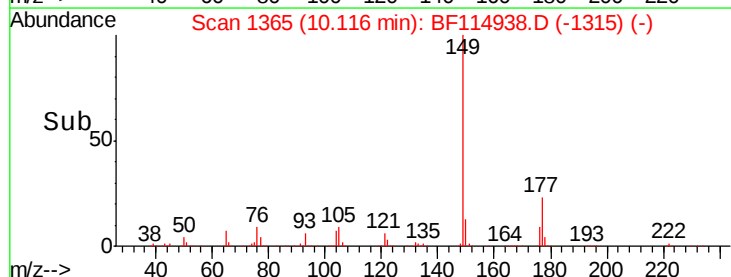
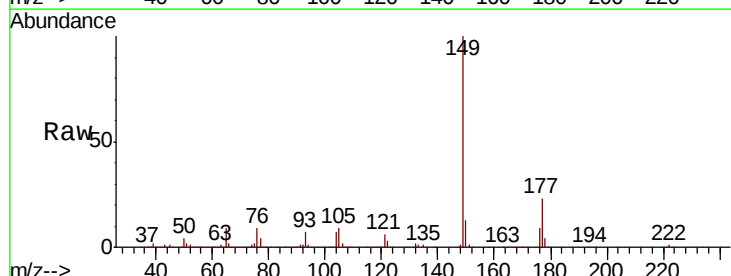
Instrument :
 BNA_F
 ClientSampled :

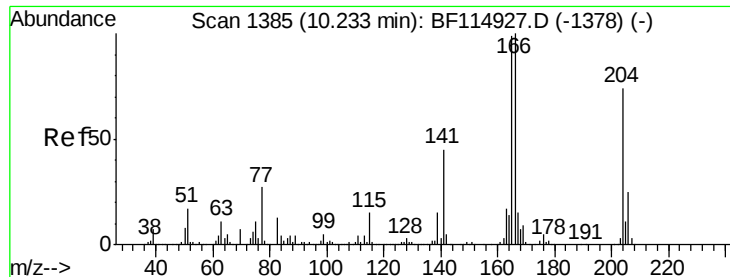
Tot Ion:232 Resp: 347708
 Ion Ratio Lower Upper
 232 100
 131 45.9 37.0 55.4
 130 2.2 1.8 2.6
 166 30.9 25.0 37.6



#60
 Diethylphthalate
 Concen: 46.258 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion:149 Resp: 1376364
 Ion Ratio Lower Upper
 149 100
 177 23.1 19.1 28.7
 150 13.1 10.6 16.0

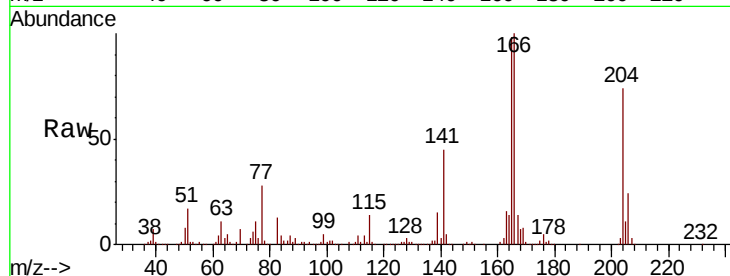




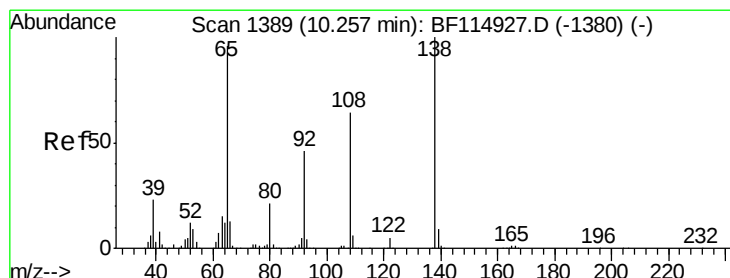
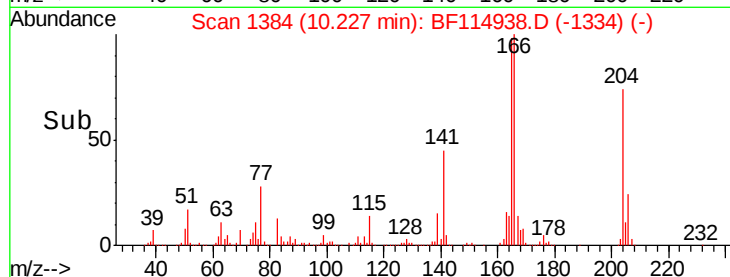
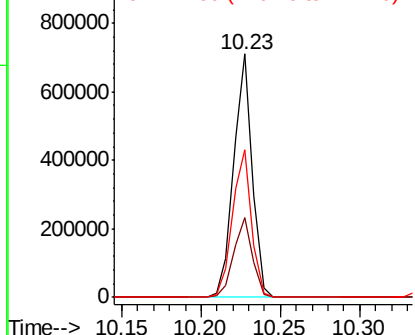
#61
4-Chlorophenyl-phenylether
Concen: 45.531 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 576013
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 60.5 48.5 72.7

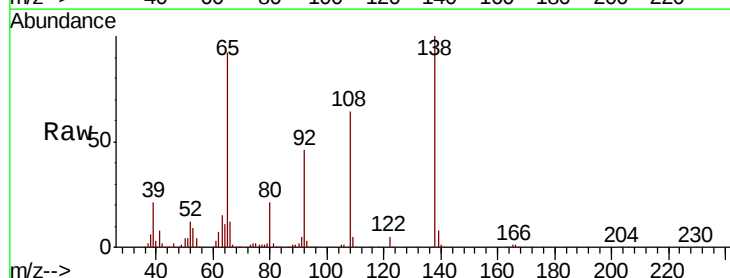


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

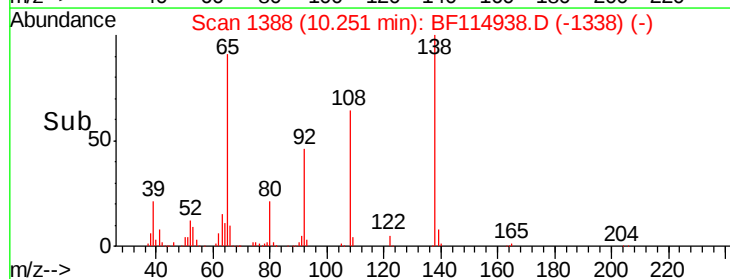
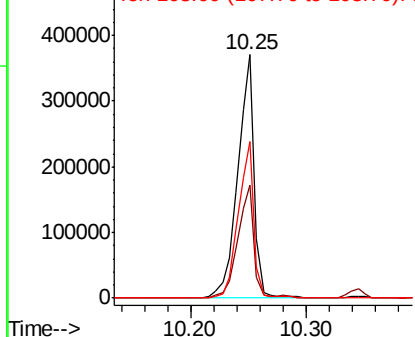


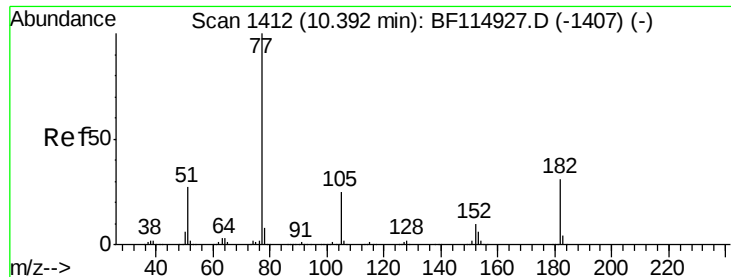
#62
4-Nitroaniline
Concen: 42.162 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:138 Resp: 364831
Ion Ratio Lower Upper
138 100
92 46.3 26.0 66.0
108 64.2 44.0 84.0



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

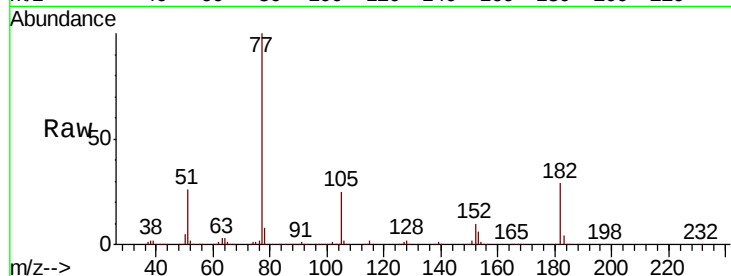




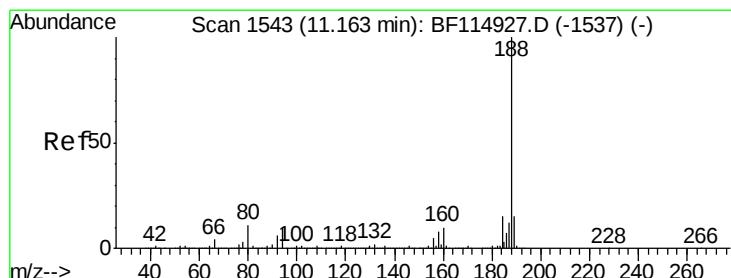
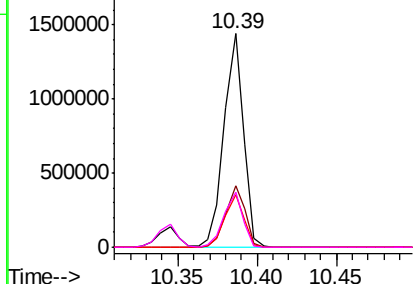
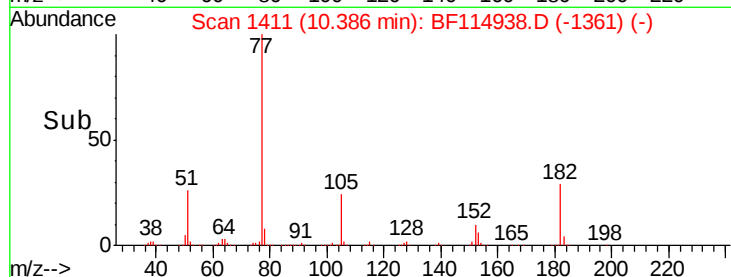
#63
Azobenzene
Concen: 47.381 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1227038
Ion Ratio Lower Upper
77 100
182 28.6 10.8 50.8
105 24.5 5.3 45.3
51 26.0 6.8 46.8

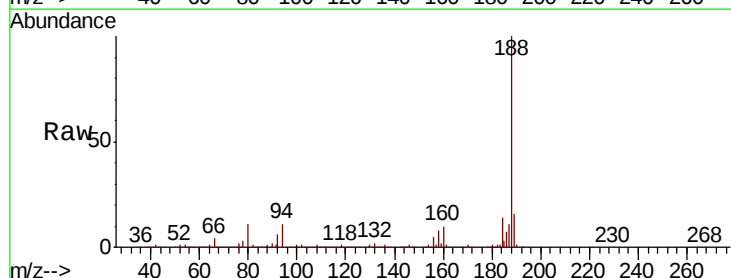


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

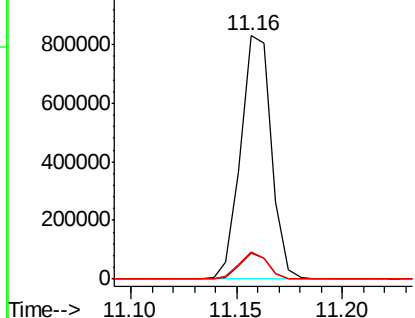
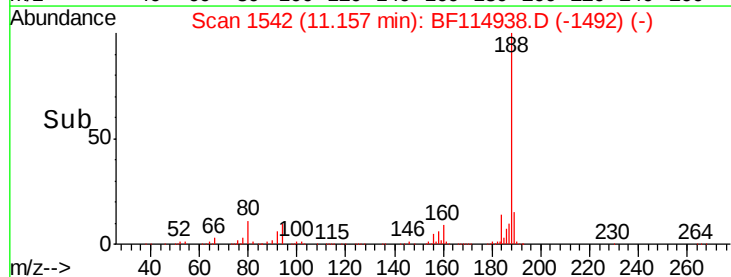


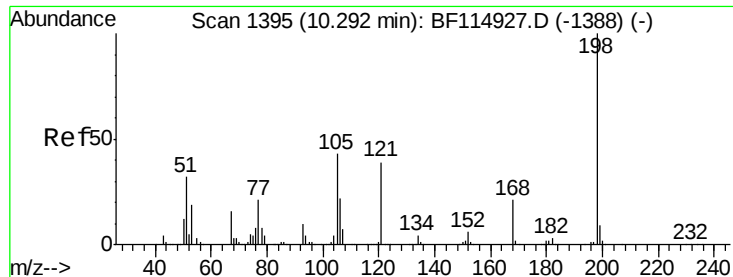
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion: 188 Resp: 833885
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.1 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

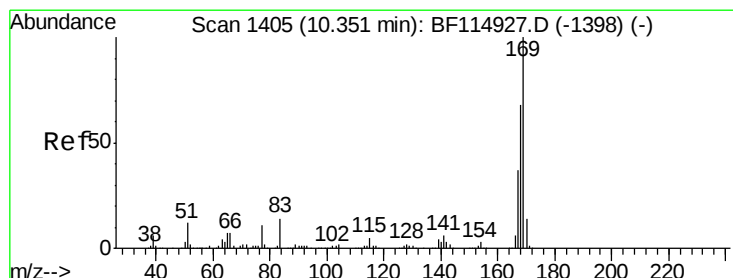
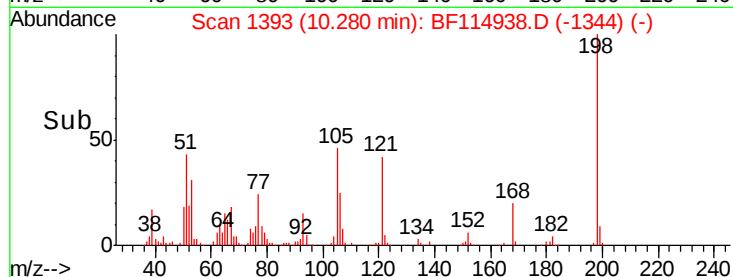
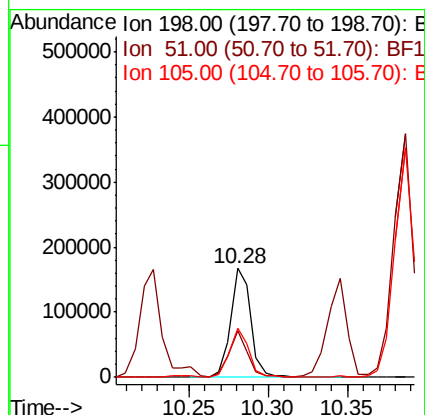
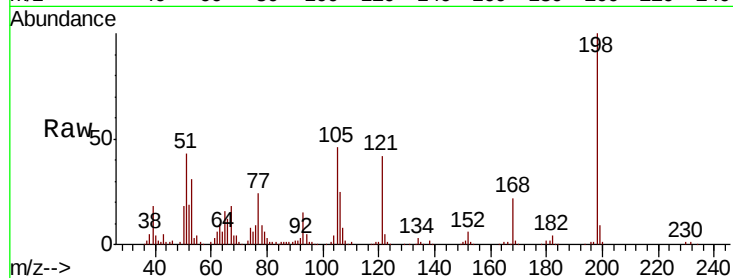




#65
4,6-Dinitro-2-methylphenol
Concen: 31.633 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

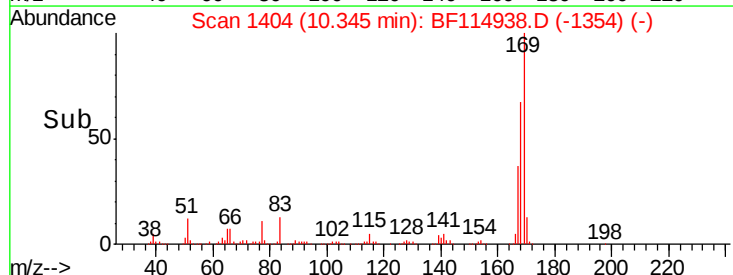
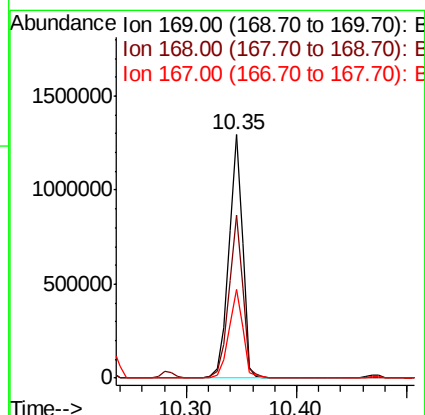
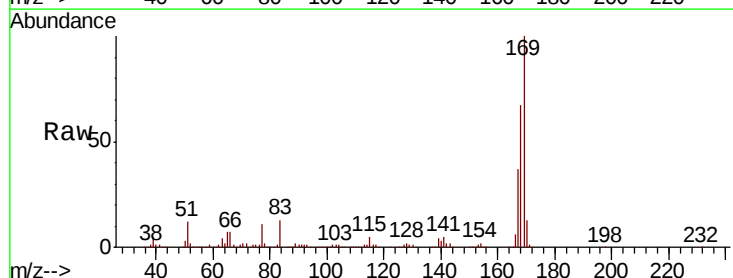
Instrument :
BNA_F
ClientSampleId :

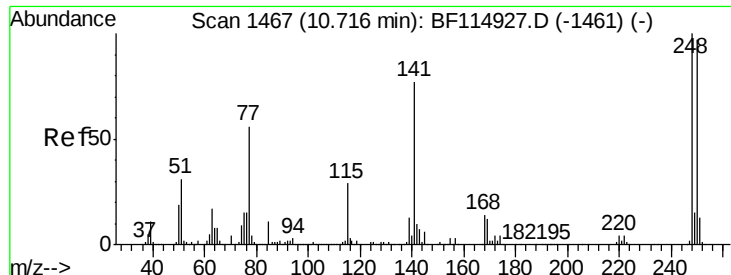
Tot Ion:198 Resp: 147929
Ion Ratio Lower Upper
198 100
51 42.7 16.8 56.8
105 45.7 23.5 63.5



#66
n-Nitrosodiphenylamine
Concen: 45.645 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:169 Resp: 1130821
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 36.7 29.4 44.2

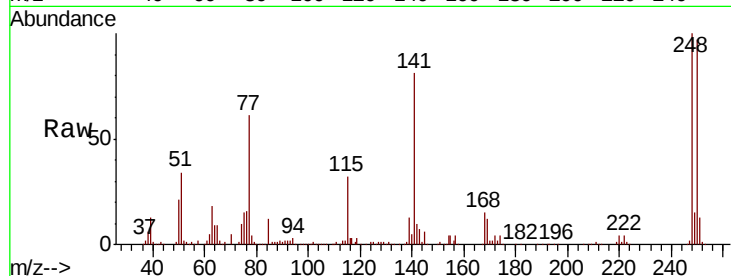




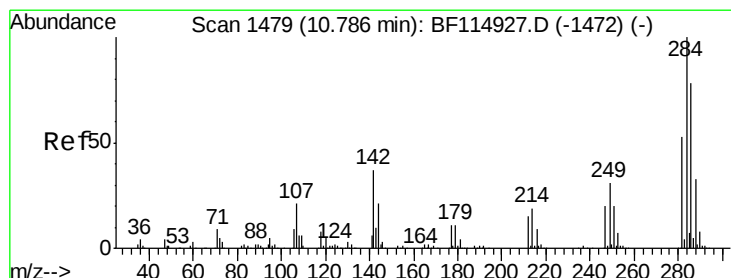
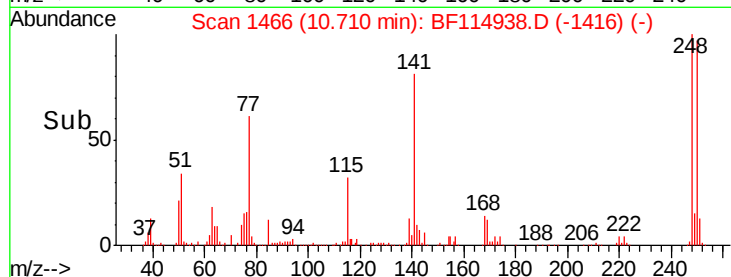
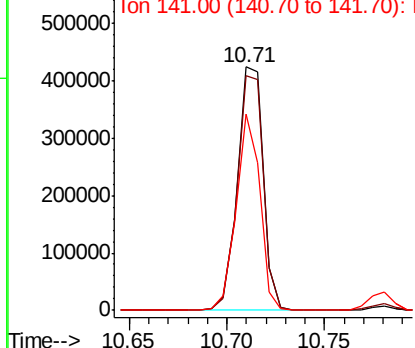
#67
 4-Bromophenyl-phenylether
 Concen: 43.161 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 389852
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.4 116.0
 141 80.7 61.8 92.6

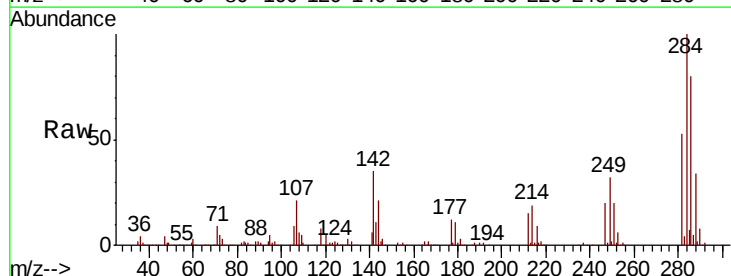


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

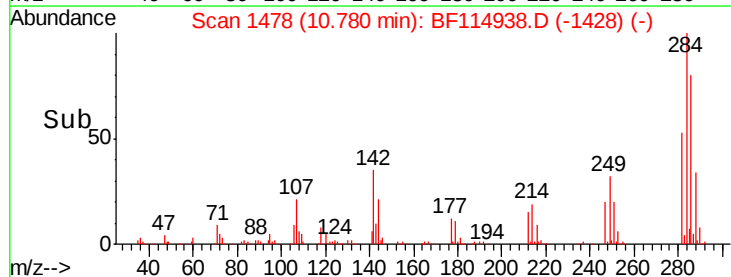
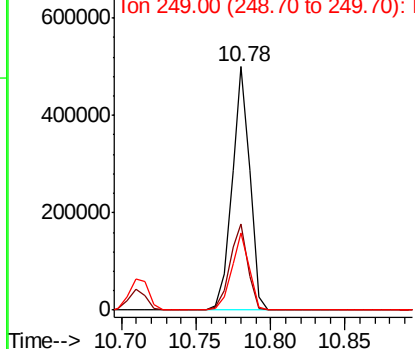


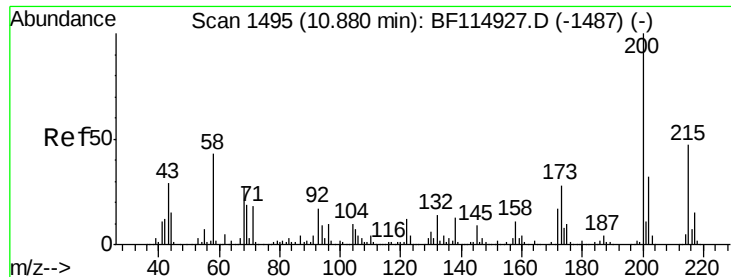
#68
 Hexachlorobenzene
 Concen: 42.039 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion:284 Resp: 419317
 Ion Ratio Lower Upper
 284 100
 142 35.5 29.3 43.9
 249 31.7 25.1 37.7



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: 44.083 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

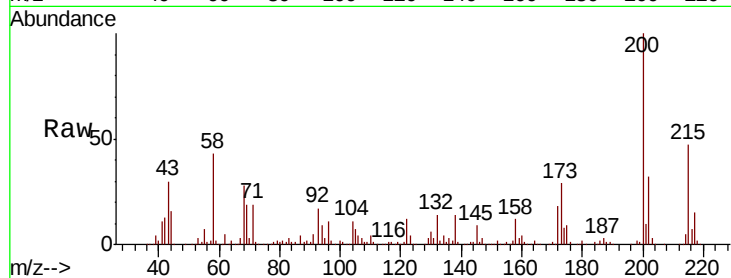
Tot Ion:200 Resp: 367994

Ion Ratio Lower Upper

200 100

173 29.1 8.3 48.3

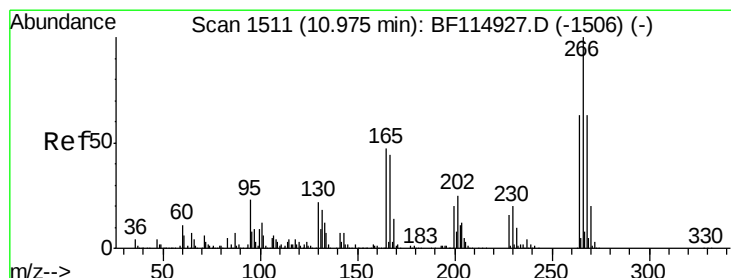
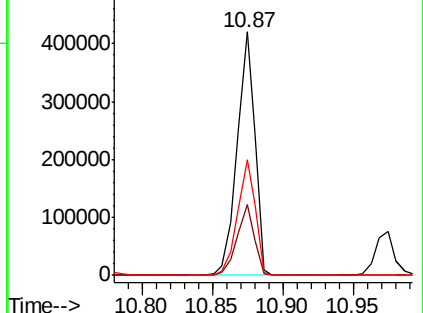
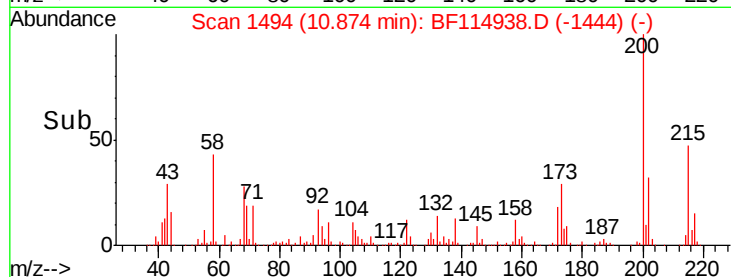
215 47.4 26.6 66.6



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: 71.283 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

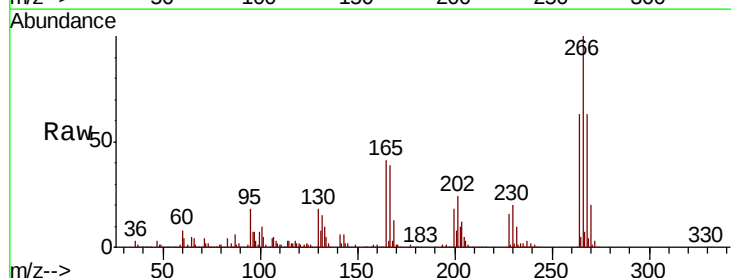
Tgt Ion:266 Resp: 398704

Ion Ratio Lower Upper

266 100

268 63.2 50.8 76.2

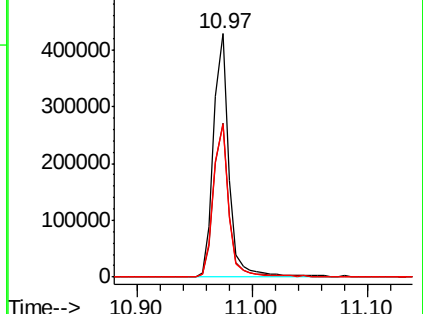
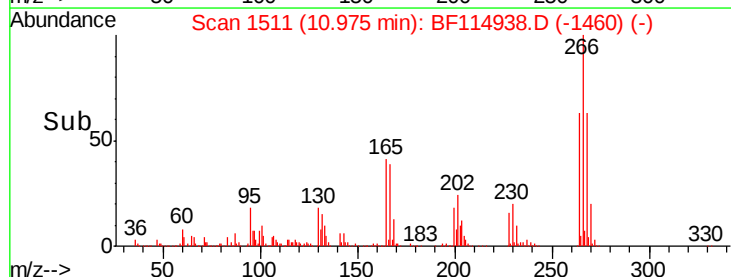
264 62.6 50.4 75.6

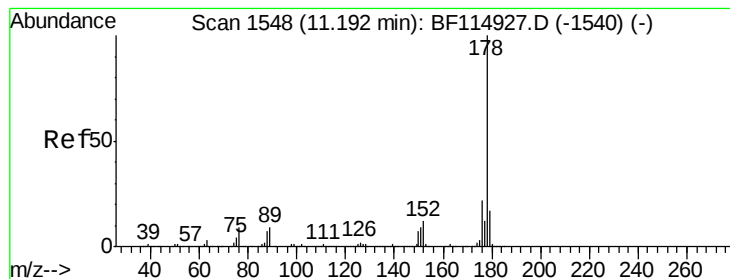


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.873 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

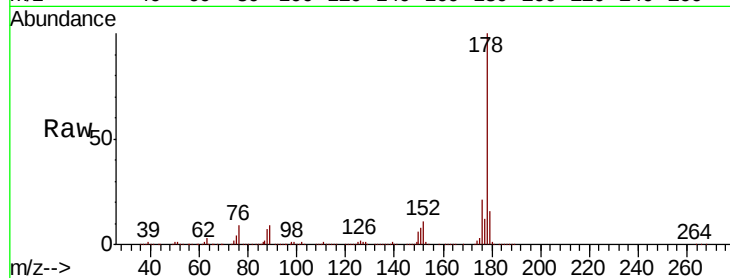
Tot Ion:178 Resp: 1896379

Ion Ratio Lower Upper

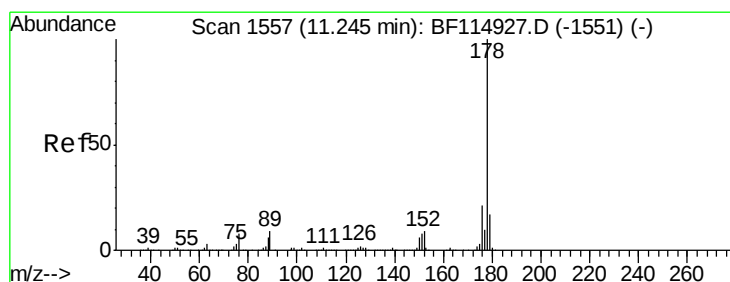
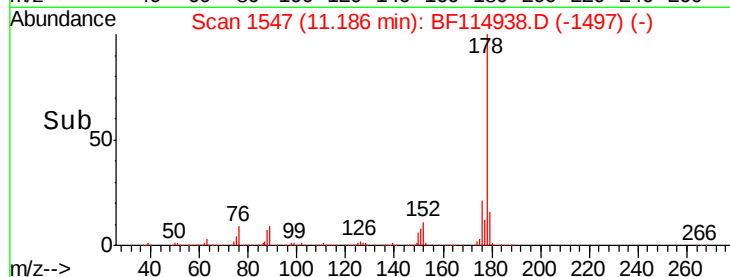
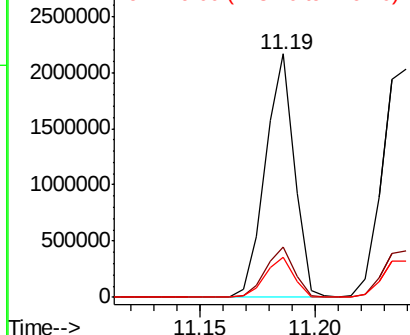
178 100

176 20.9 17.4 26.2

179 16.3 13.6 20.4



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: 47.869 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

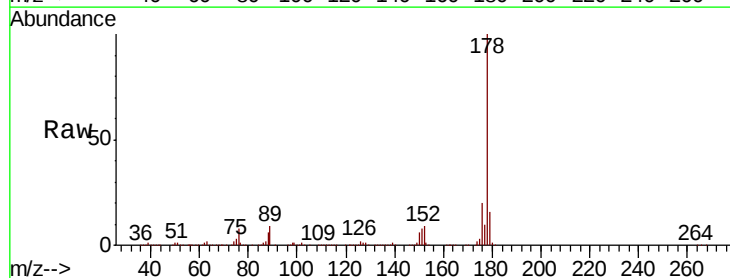
Tgt Ion:178 Resp: 1965695

Ion Ratio Lower Upper

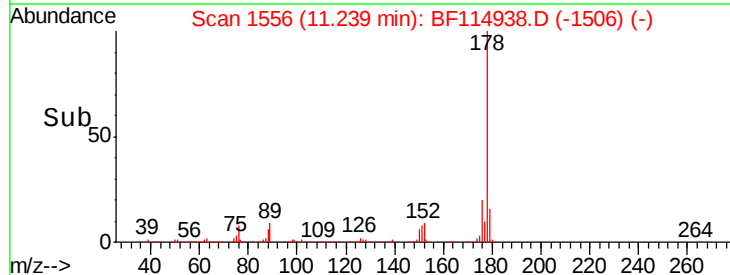
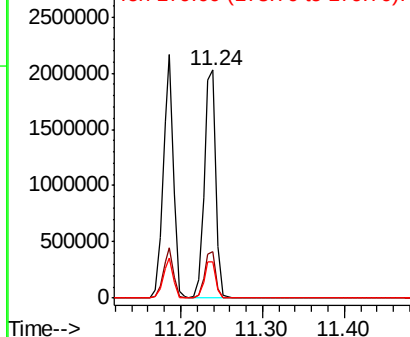
178 100

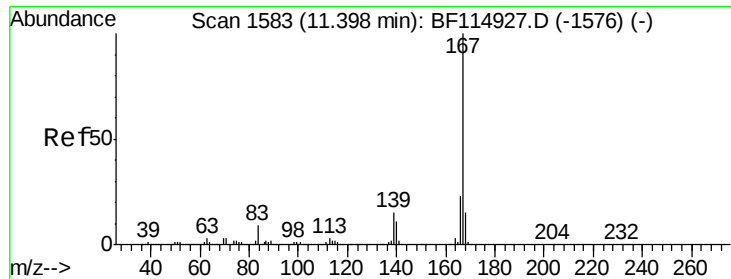
176 20.4 16.6 25.0

179 16.1 13.4 20.2



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

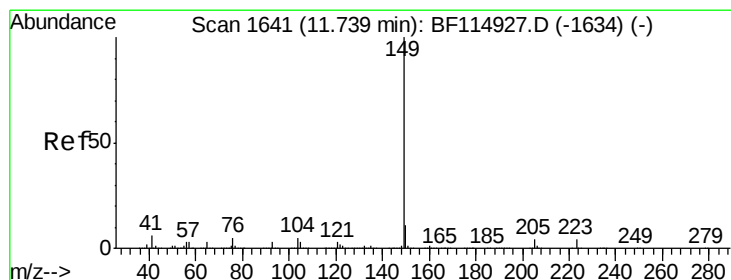
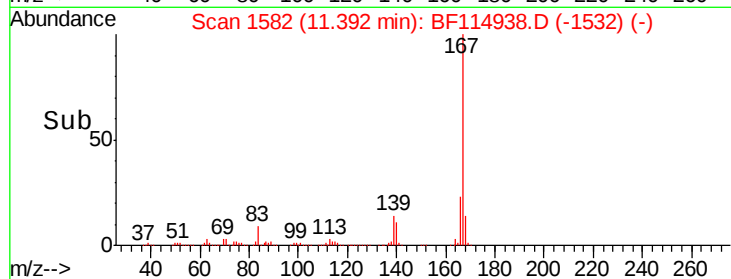
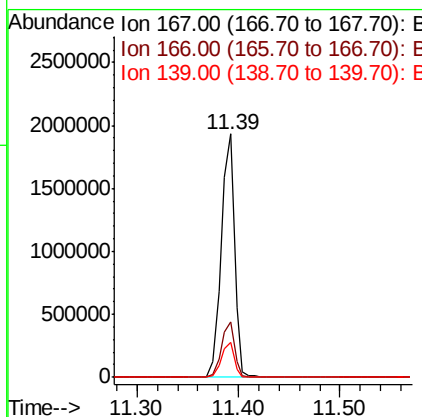
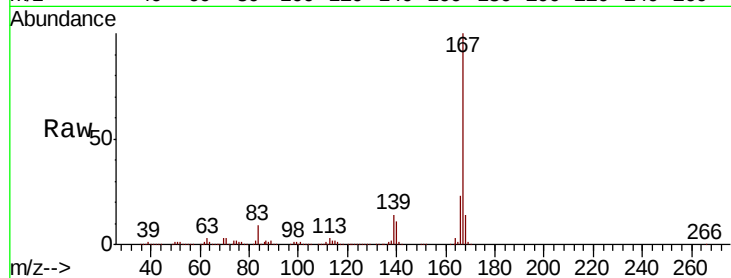




#73
 Carbazole
 Concen: 47.277 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

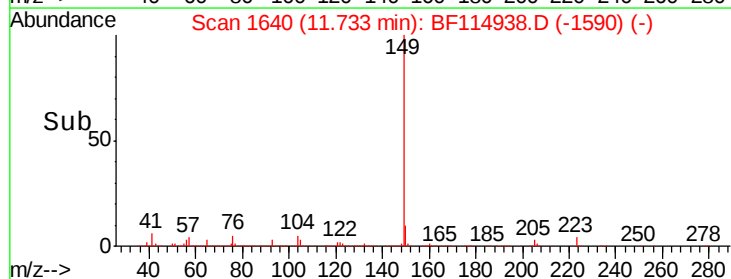
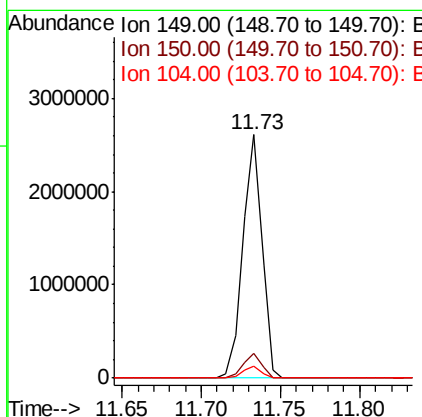
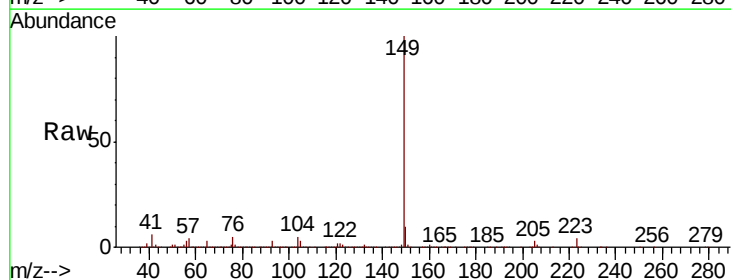
Instrument :
 BNA_F
 ClientSampled :

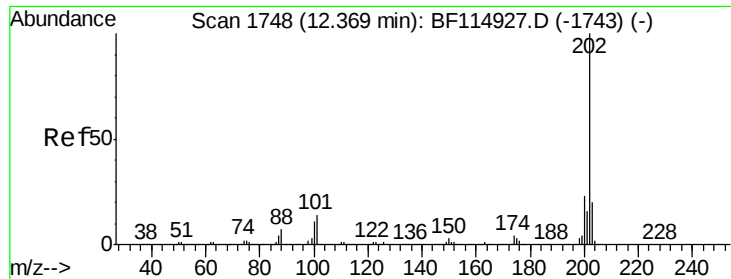
Tot Ion:167 Resp: 1767511
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.8 28.2
 139 14.3 11.6 17.4



#74
 Di-n-butylphthalate
 Concen: 47.155 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF114938.D
 Acq: 11 Jun 2019 11:32

Tgt Ion:149 Resp: 2178821
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.5 12.7
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 48.016 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

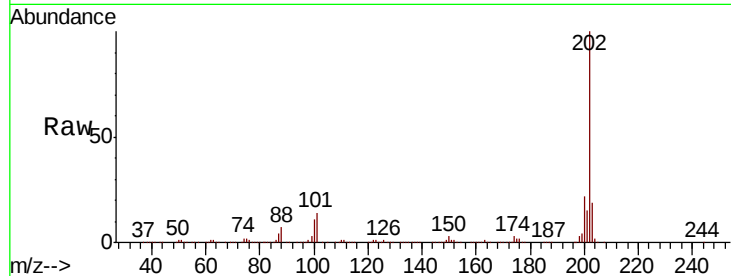
Tot Ion:202 Resp: 2009334

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.3

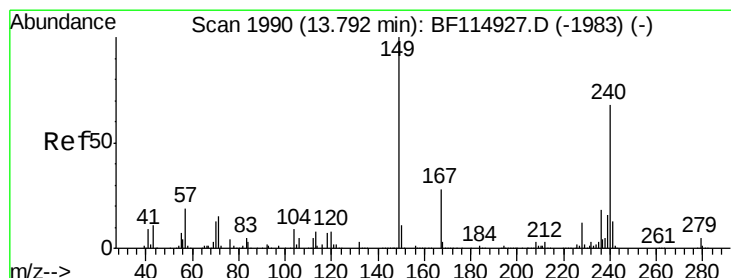
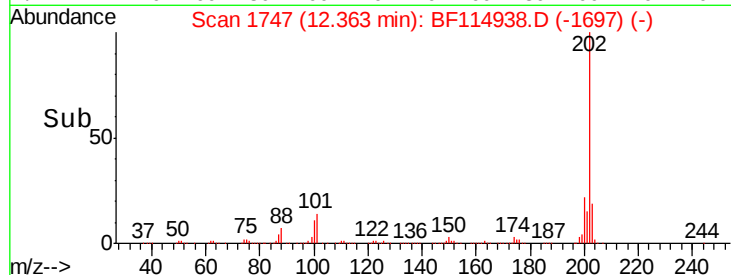
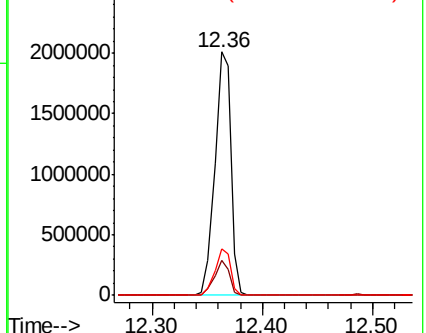
203 19.1 0.0 39.6



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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

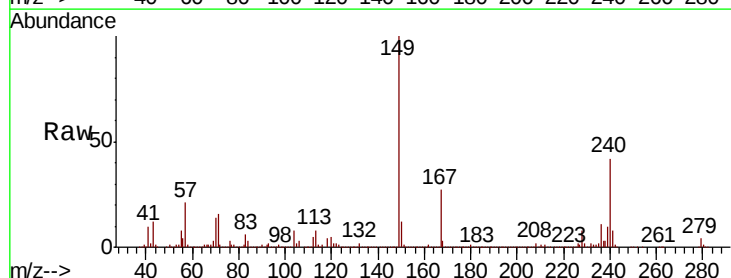
Tgt Ion:240 Resp: 553143

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

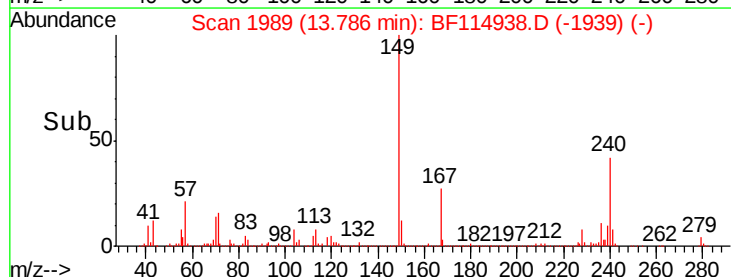
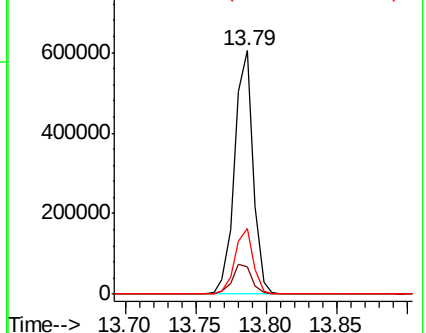
236 26.8 21.7 32.5

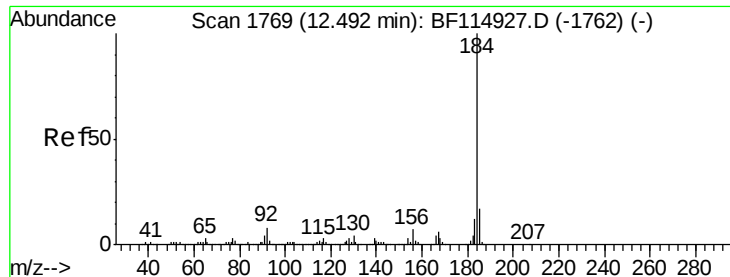


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.284 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampled :

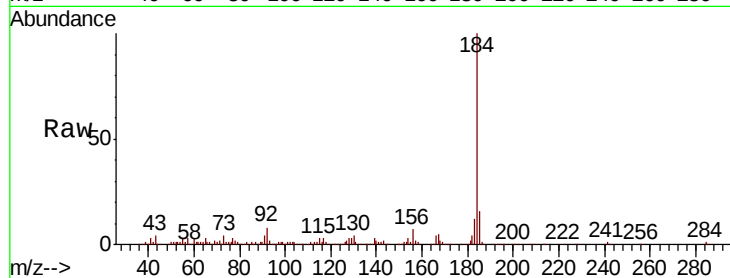
Tot Ion:184 Resp: 926737

Ion Ratio Lower Upper

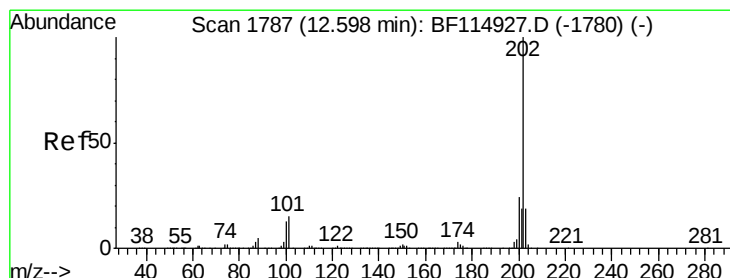
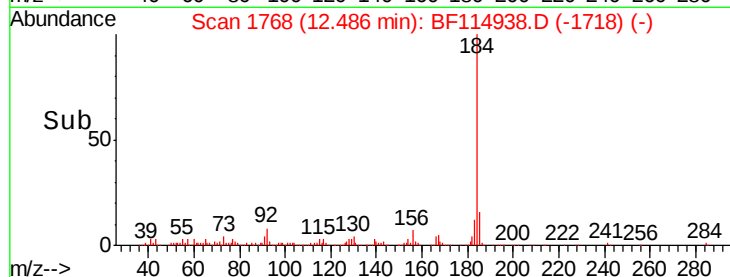
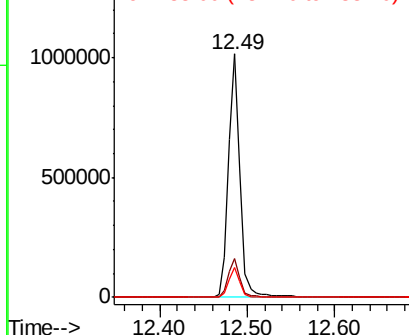
184 100

185 16.1 13.4 20.0

183 12.1 9.8 14.6



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: 42.104 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

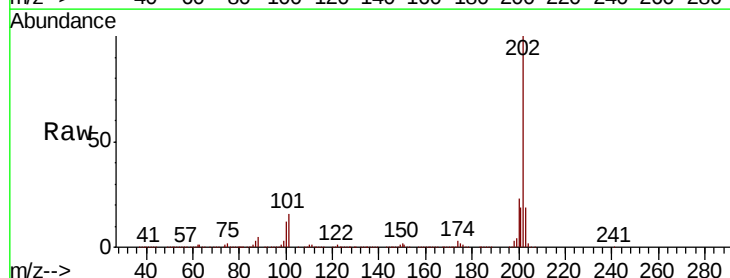
Tgt Ion:202 Resp: 2028296

Ion Ratio Lower Upper

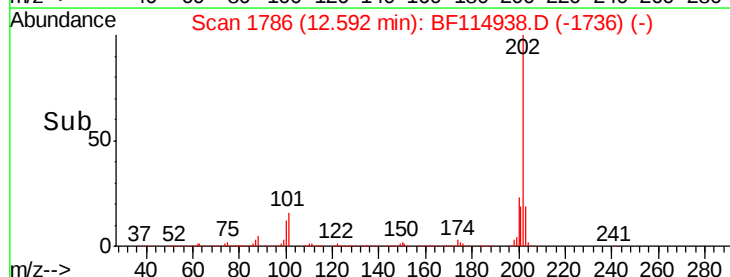
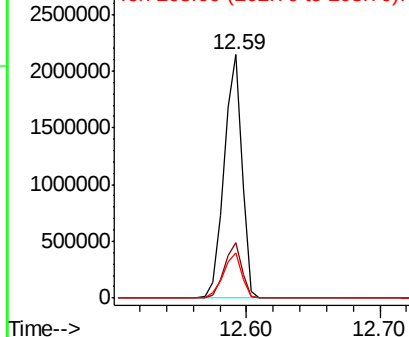
202 100

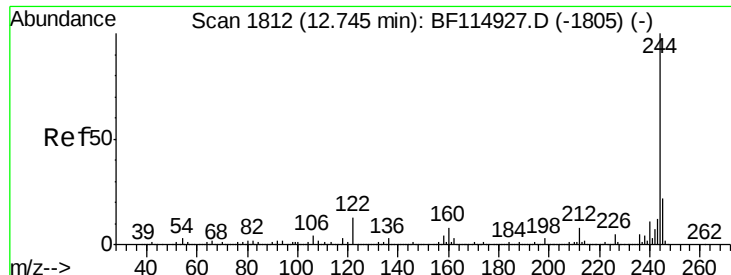
200 23.0 18.9 28.3

203 18.7 15.2 22.8



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: 91.292 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

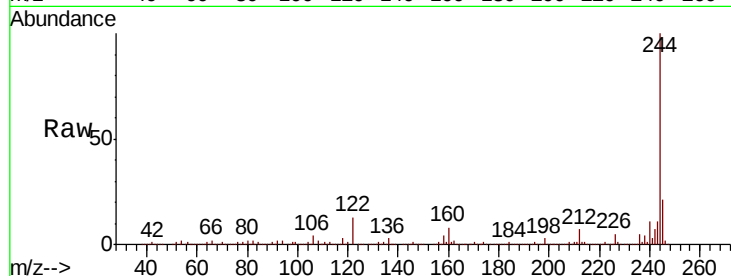
Tot Ion:244 Resp: 2539200

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

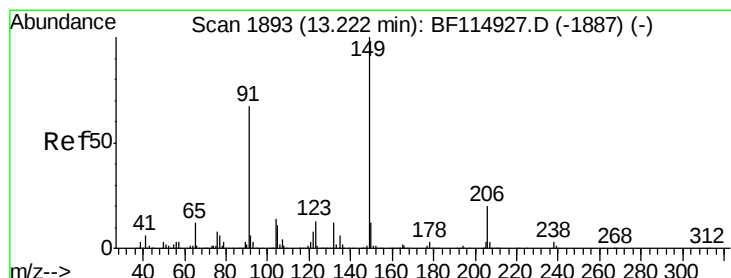
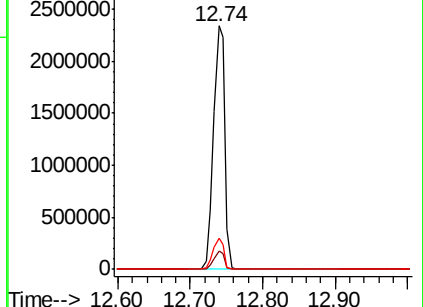
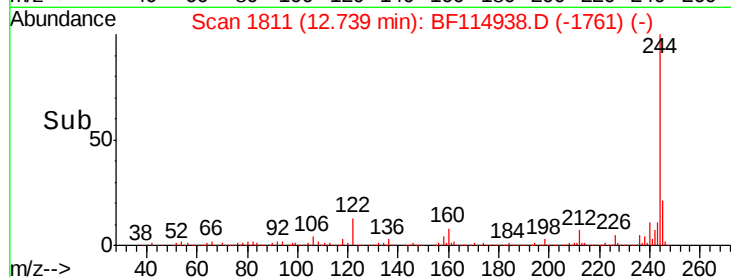
122 12.9 10.2 15.4



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: 43.500 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

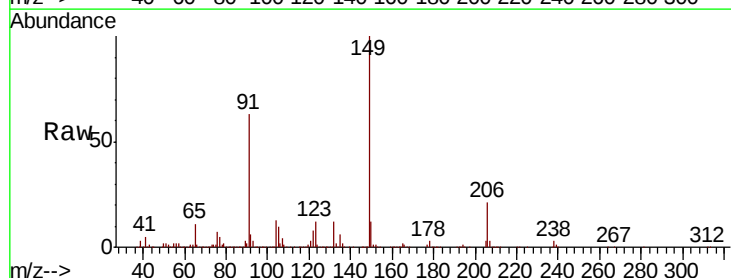
Tgt Ion:149 Resp: 1032395

Ion Ratio Lower Upper

149 100

91 62.7 53.8 80.8

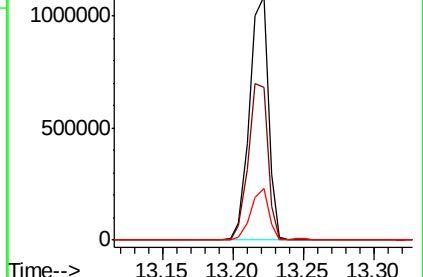
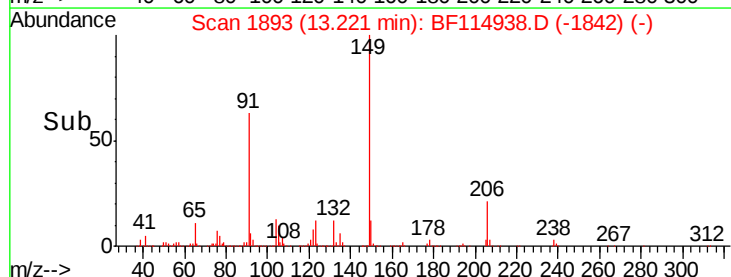
206 21.0 16.3 24.5

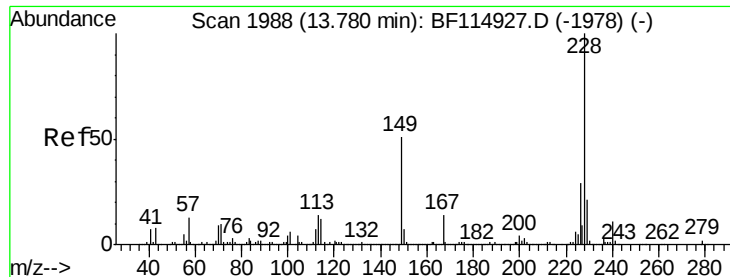


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.490 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

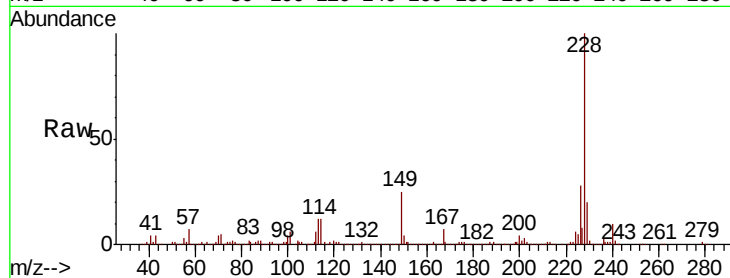
Tot Ion:228 Resp: 1819649

Ion Ratio Lower Upper

228 100

226 28.1 22.8 34.2

229 20.4 16.6 25.0

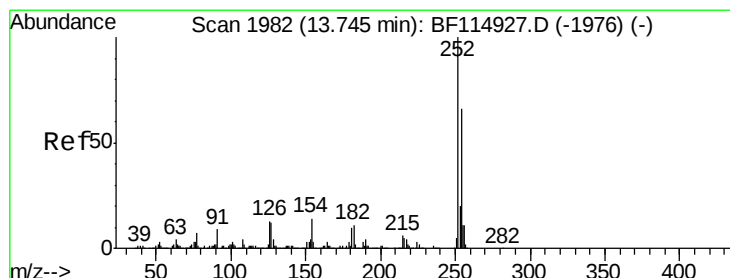
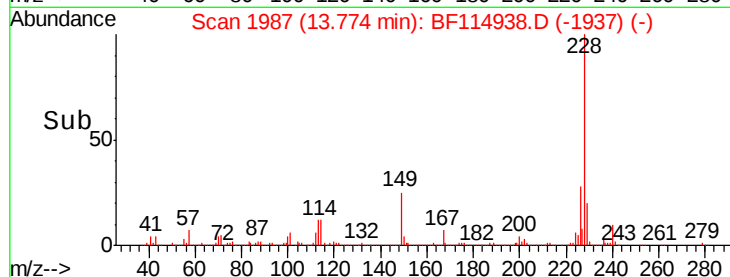
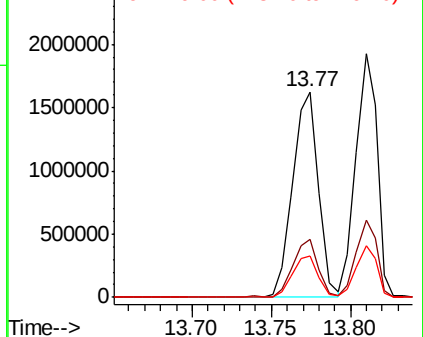


Abundance

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: 28.696 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

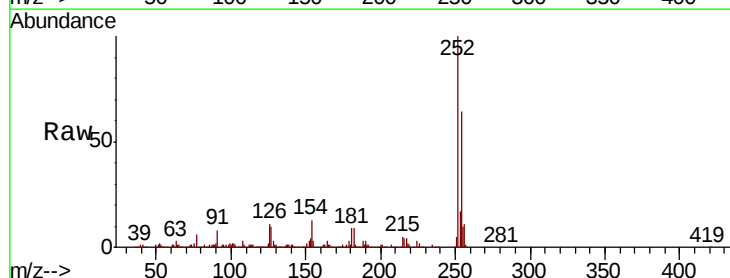
Tgt Ion:252 Resp: 479072

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

126 11.3 10.4 15.6

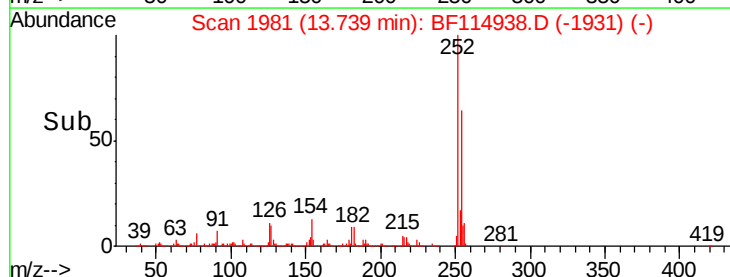
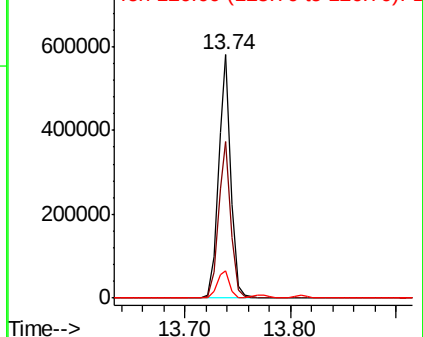


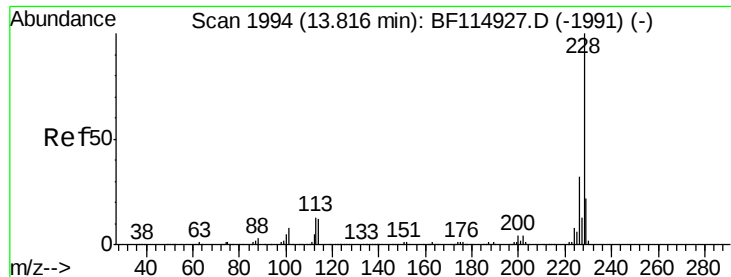
Abundance

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

Chrvsene

Concen: 44.225 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

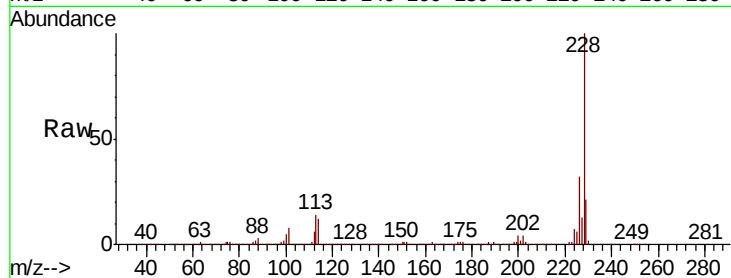
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1816369

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.8
229	21.3	17.2	25.8

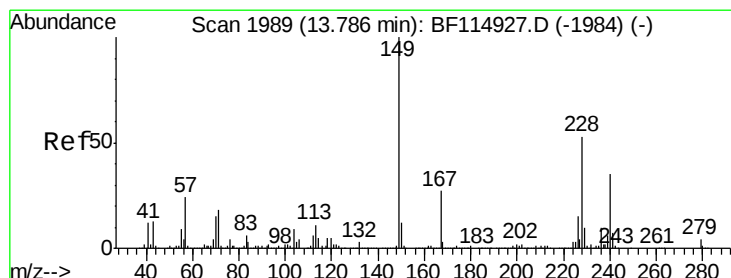
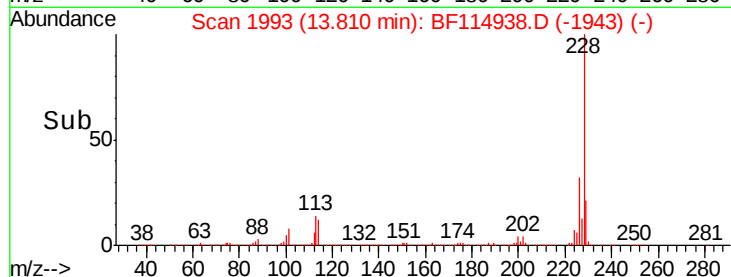
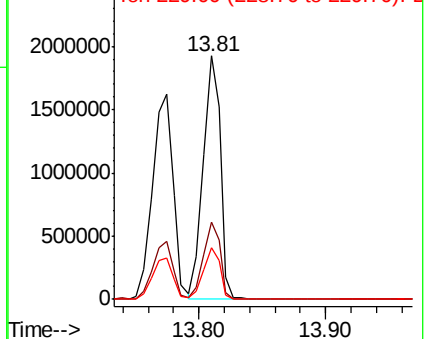


Abundance

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: 47.167 ng

RT: 13.79 min Scan# 1989

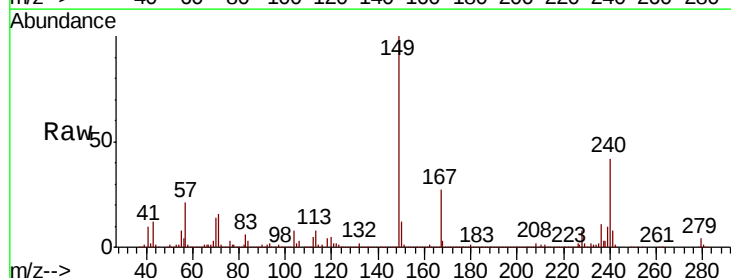
Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:149 Resp: 1311020

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.9	32.9
279	4.0	3.2	4.8

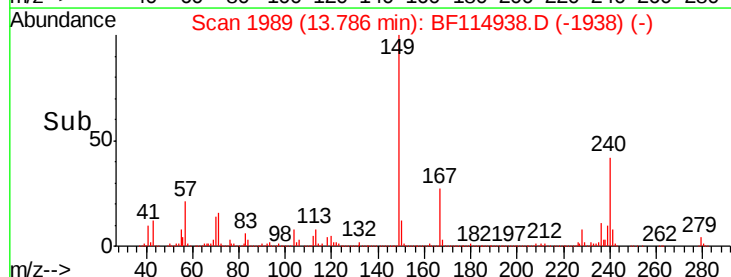
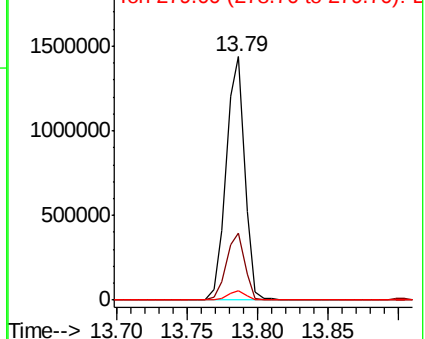


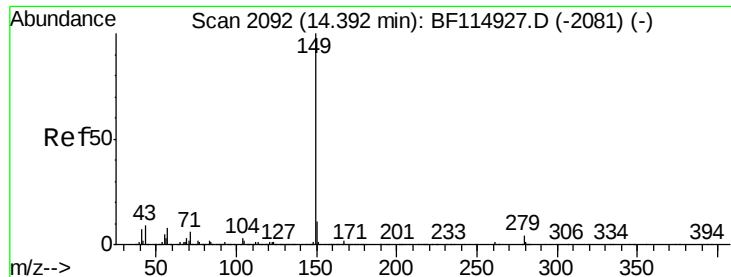
Abundance

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: 45.769 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Instrument :

BNA_F

ClientSampleId :

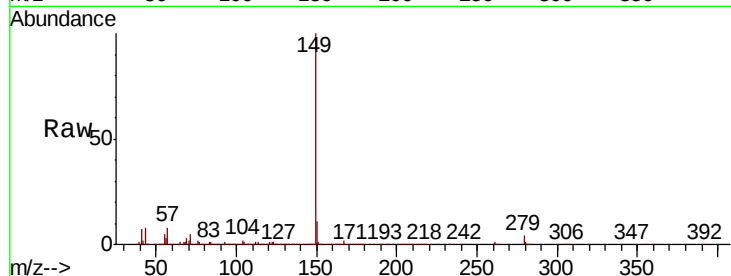
Tot Ion:149 Resp: 2323920

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

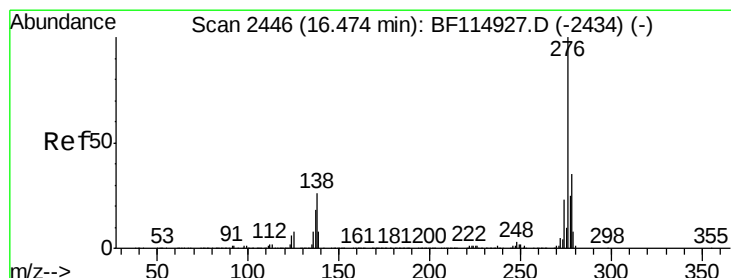
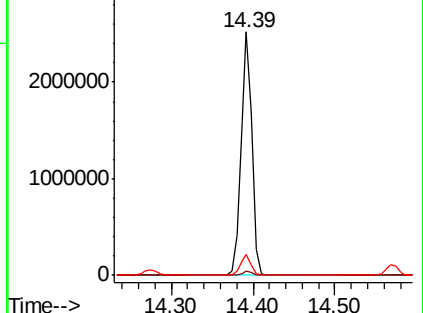
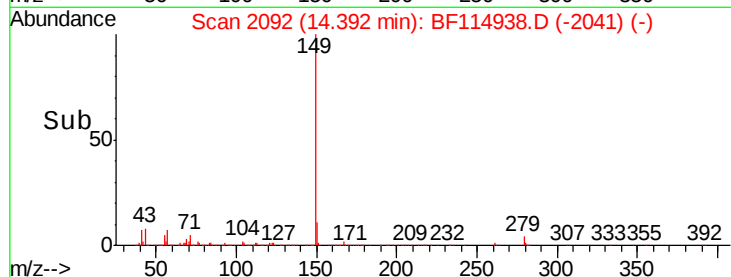
43 8.1 6.8 10.2



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: 48.675 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

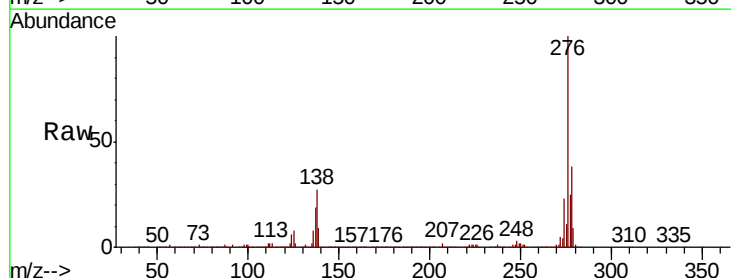
Tgt Ion:276 Resp: 1879453

Ion Ratio Lower Upper

276 100

138 29.2 23.3 34.9

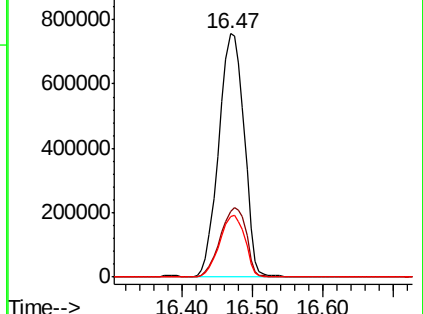
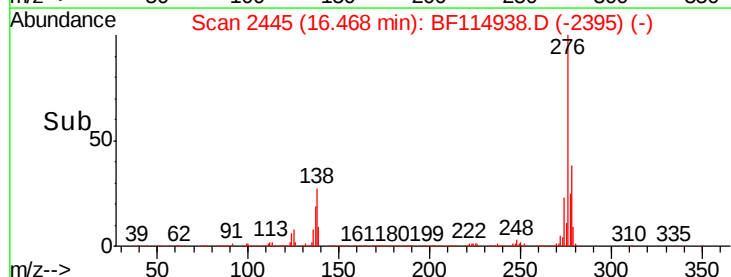
277 25.4 20.5 30.7

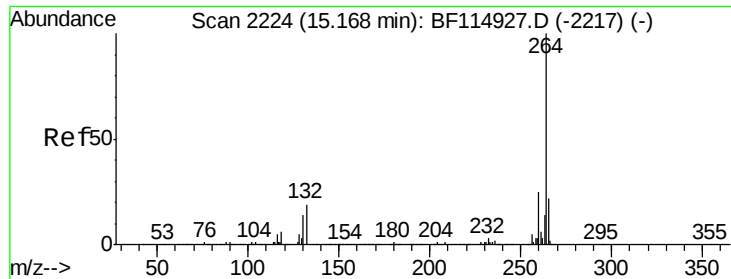


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



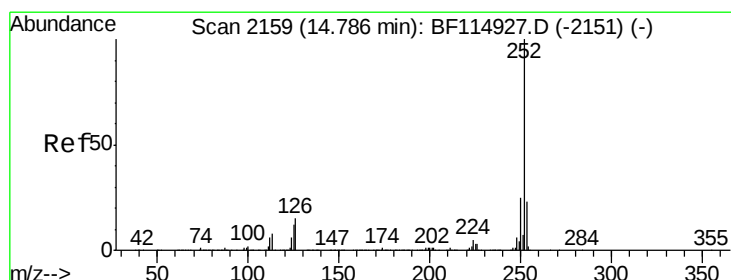
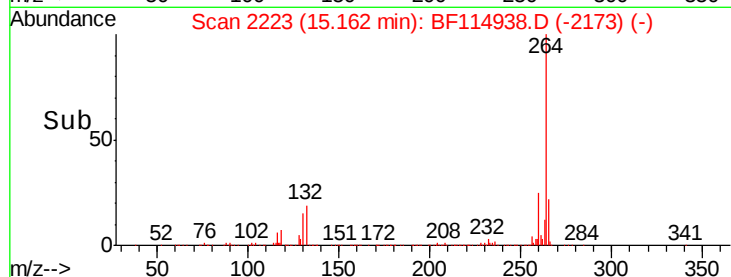
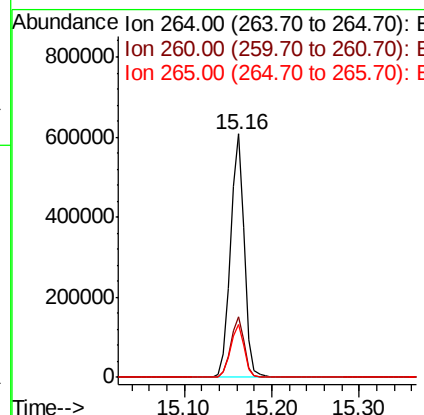
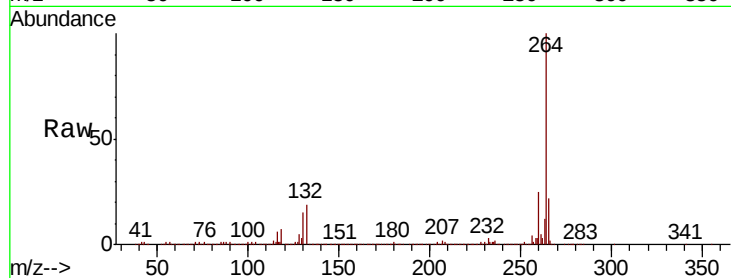


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 664330

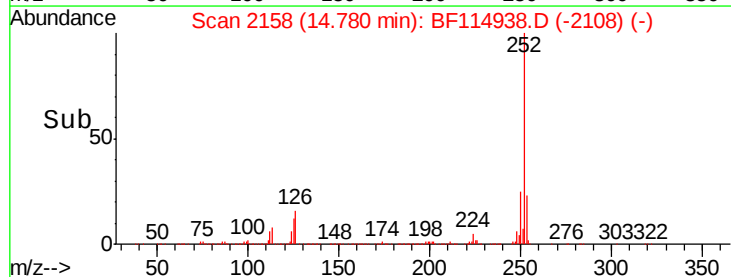
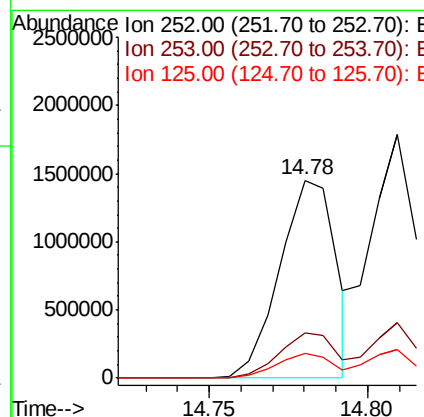
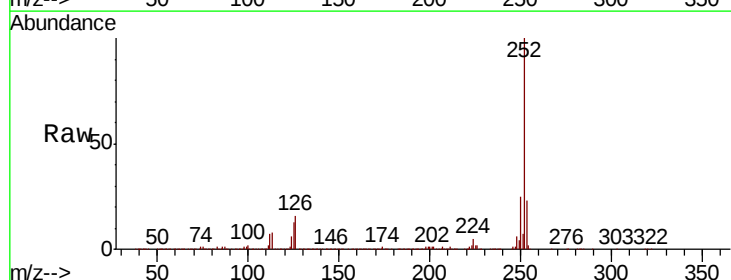
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.8	17.5	26.3

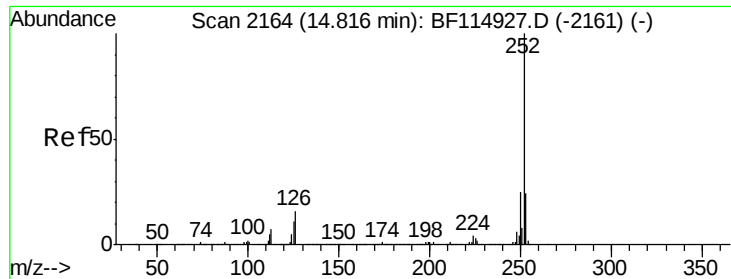


#88
Benzo(b)fluoranthene
Concen: 41.503 ng
RT: 14.78 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:252 Resp: 1794987

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	12.5	9.5	14.3

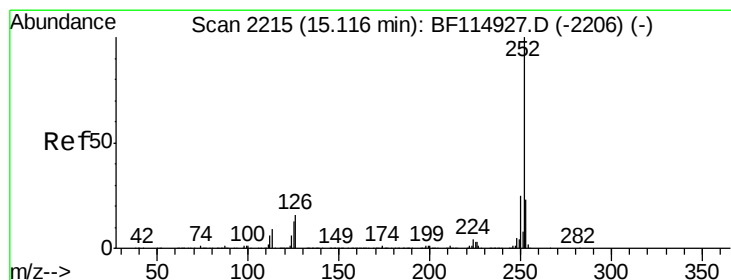
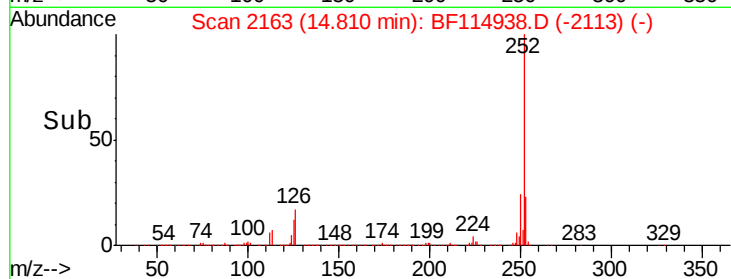
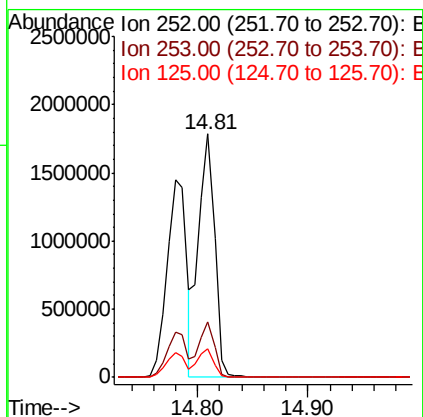
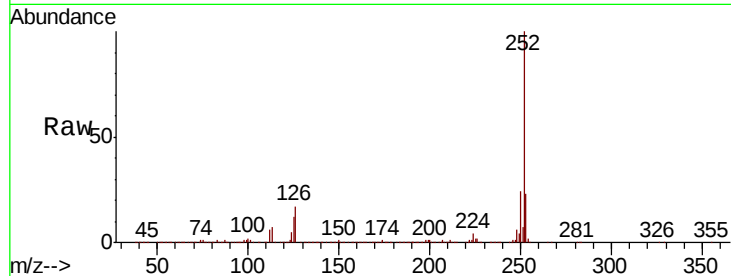




#89
Benzo(k)fluoranthene
Concen: 46.940 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

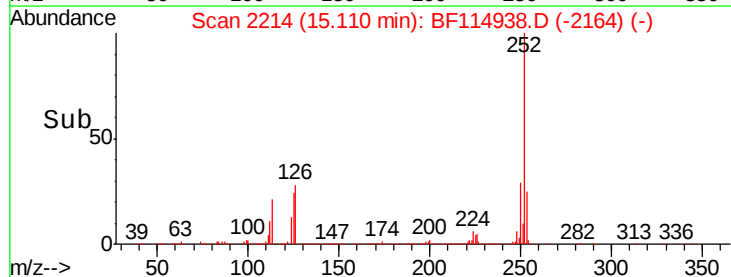
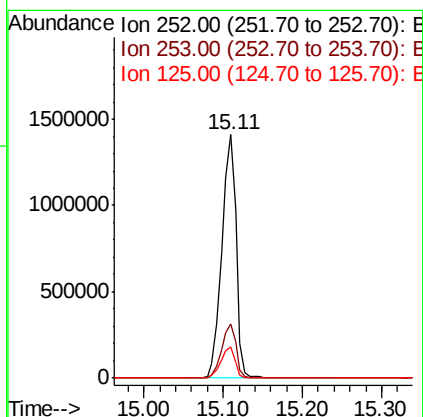
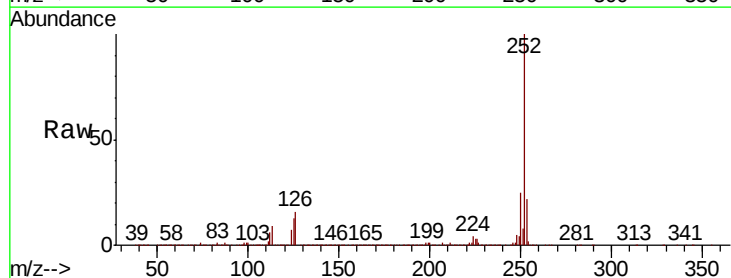
Instrument :
BNA_F
ClientSampleId :

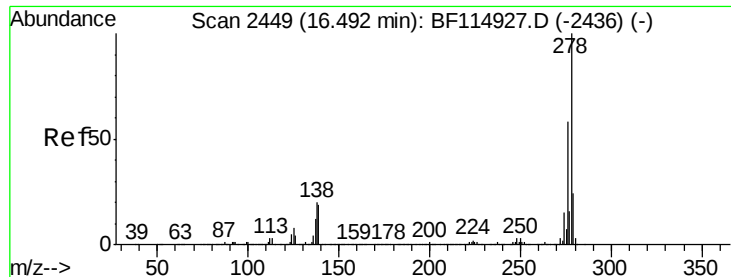
Tot Ion:252 Resp: 1761860
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 12.0 9.2 13.8



#90
Benzo(a)pyrene
Concen: 46.599 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114938.D
Acq: 11 Jun 2019 11:32

Tgt Ion:252 Resp: 1750523
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 48.635 ng

RT: 16.49 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

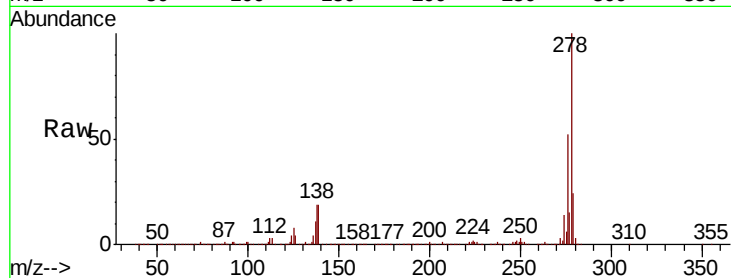
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1543279

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.1	22.7
279	24.3	19.6	29.4

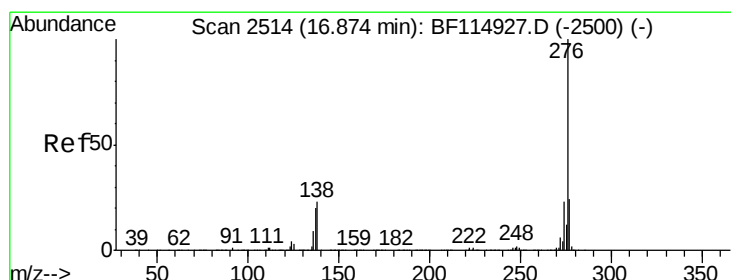
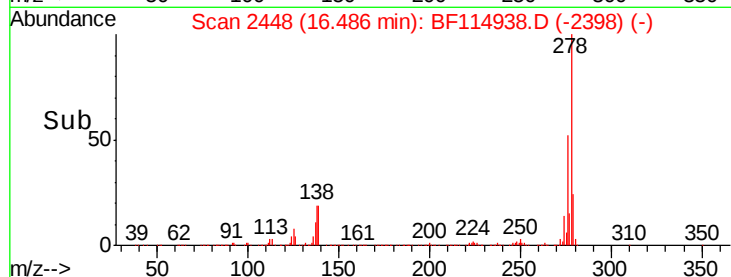
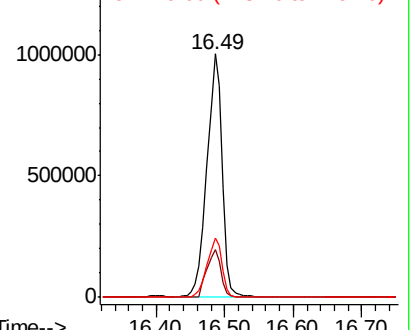


Abundance

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: 50.831 ng

RT: 16.86 min Scan# 2512

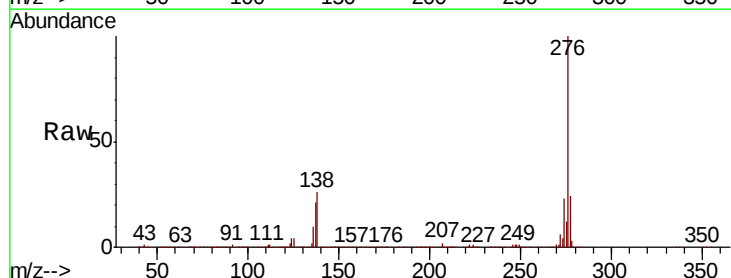
Delta R.T. -0.01 min

Lab File: BF114938.D

Acq: 11 Jun 2019 11:32

Tgt Ion:276 Resp: 1607785

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	25.5	18.7	28.1



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

