

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114694.D
 Acq On : 31 May 2019 8:55
 Operator : HP/JU
 Sample : PB119779BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:12:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	439115	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1775929	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	895637	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1644318	20.00	ng	0.00
76) Chrysene-d12	13.83	240	876513	20.00	ng	0.00
87) Perylene-d12	15.22	264	868461	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	2560556	102.38	ng	0.02
7) Phenol-d6	6.35	99	3175575	105.37	ng	0.00
23) Nitrobenzene-d5	7.26	82	2300776	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	959258	112.40	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4047851	84.88	ng	0.00
79) Terphenyl-d14	12.79	244	3947347	84.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	390924	32.571	ng	99
3) Pyridine	3.17	79	1075626	30.794	ng	99
4) n-Nitrosodimethylamine	3.11	42	435149	30.784	ng	98
6) Aniline	6.36	93	1061538	23.318	ng	97
8) 2-Chlorophenol	6.49	128	1061053	36.735	ng	99
9) Benzaldehyde	6.24	77	587781	32.951	ng	100
10) Phenol	6.36	94	1203624	33.059	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	959818	34.465	ng	100
12) 1,3-Dichlorobenzene	6.64	146	1115160	33.888	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1134963	34.380	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1040630	34.624	ng	97
15) Benzyl Alcohol	6.85	79	863272	36.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1371686	32.113	ng	99
17) 2-Methylphenol	6.96	107	904374	37.019	ng	99
18) Hexachloroethane	7.22	117	422798	33.826	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	709345	34.098	ng	98
20) 3+4-Methylphenols	7.12	107	1017167	35.401	ng	# 85
22) Acetophenone	7.11	105	1388635	36.698	ng	# 100
24) Nitrobenzene	7.28	77	1078853	35.679	ng	97
25) Isophorone	7.53	82	2028965	35.517	ng	100
26) 2-Nitrophenol	7.60	139	607025	41.242	ng	97
27) 2,4-Dimethylphenol	7.64	122	1010721	41.289	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	1284737	35.329	ng	99
29) 2,4-Dichlorophenol	7.84	162	952661	38.235	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	1020307	35.943	ng	98
31) Naphthalene	8.00	128	2924115	35.746	ng	99
32) Benzoic acid	7.78	122	714939	44.966	ng	98
33) 4-Chloroaniline	8.05	127	870869	22.345	ng	98
34) Hexachlorobutadiene	8.13	225	553408	35.093	ng	99
35) Caprolactam	8.43	113	181229	21.553	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	960451	38.438	ng	99
37) 2-Methylnaphthalene	8.69	142	2086018	38.380	ng	99
38) 1-Methylnaphthalene	8.79	142	1988586	38.617	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	880852	36.931	ng	99

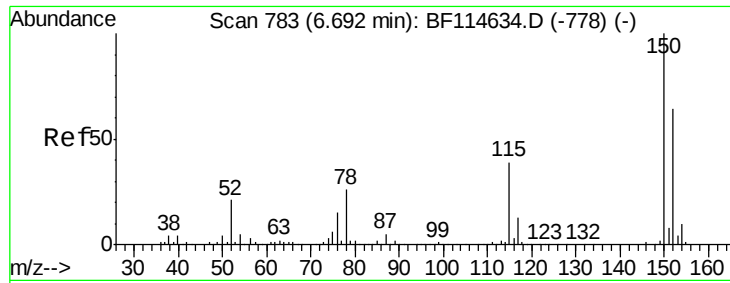
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1130838	71.747	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	705930	37.615	nq	99
44) 2,4,5-Trichlorophenol	9.01	196	719856	38.438	nq	99
46) 1,1'-Biphenyl	9.16	154	2428489	36.527	nq	99
47) 2-Chloronaphthalene	9.18	162	1936763	35.513	nq	98
48) 2-Nitroaniline	9.27	65	579872	34.455	nq	93
49) Acenaphthylene	9.59	152	2984753	35.426	nq	99
50) Dimethylphthalate	9.46	163	2248626	36.030	nq	99
51) 2,6-Dinitrotoluene	9.52	165	542733	37.426	nq	95
52) Acenaphthene	9.76	154	1833787	35.490	nq	100
53) 3-Nitroaniline	9.68	138	422104	23.783	nq	93
54) 2,4-Dinitrophenol	9.79	184	507506	88.724	nq	97
55) Dibenzofuran	9.93	168	2608612	35.467	nq	99
56) 4-Nitrophenol	9.85	139	943923	71.767	nq	98
57) 2,4-Dinitrotoluene	9.92	165	704051	37.829	nq	98
58) Fluorene	10.27	166	1810696	34.926	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	601839	39.261	nq	100
60) Diethylphthalate	10.16	149	2248149	35.270	nq	100
61) 4-Chlorophenyl-phenylether	10.27	204	929356	35.758	nq	99
62) 4-Nitroaniline	10.29	138	567117	32.791	nq	98
63) Azobenzene	10.43	77	2016116	34.451	nq	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	313170	42.952	nq	95
66) n-Nitrosodiphenylamine	10.39	169	1829143	37.651	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	643692	36.505	nq	99
68) Hexachlorobenzene	10.83	284	685863	35.911	nq	98
69) Atrazine	10.92	200	603443	38.302	nq	99
70) Pentachlorophenol	11.02	266	759336	68.971	nq	97
71) Phenanthrene	11.23	178	2794766	33.319	nq	99
72) Anthracene	11.28	178	2902026	34.184	nq	100
73) Carbazole	11.43	167	2563902	34.364	nq	100
74) Di-n-butylphthalate	11.77	149	3147539	32.472	nq	99
75) Fluoranthene	12.41	202	2780670	32.015	nq	99
77) Benzidine	12.53	184	1687573	46.756	nq	99
78) Pyrene	12.63	202	2771352	37.377	nq	100
80) Butylbenzylphthalate	13.26	149	1388650	37.266	nq	98
81) Benzo(a)anthracene	13.82	228	2225375	33.039	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	736357	28.308	nq	99
83) Chrysene	13.86	228	2235793	34.742	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	1619488	35.154	nq	100
85) Di-n-octyl phthalate	14.44	149	2767407	34.575	nq	99
86) Indeno(1,2,3-cd)pyrene	16.55	276	1961302	30.429	nq	100
88) Benzo(b)fluoranthene	14.83	252	2107726	38.533	nq	99
89) Benzo(k)fluoranthene	14.86	252	1792778	37.709	nq	99
90) Benzo(a)pyrene	15.16	252	1835051	38.188	nq	99
91) Dibenzo(a,h)anthracene	16.57	278	1626868	38.313	nq	99
92) Benzo(g,h,i)perylene	16.96	276	1653992	40.134	nq	99

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

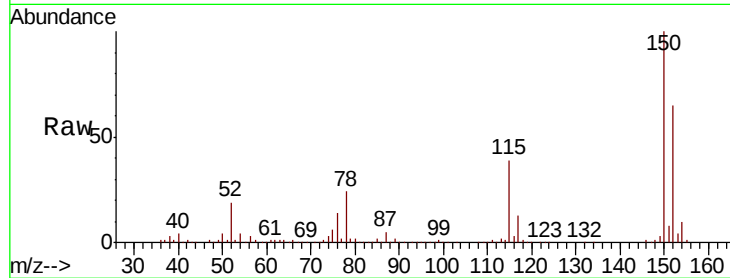


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.3	186.5
115	59.7	48.8	73.2

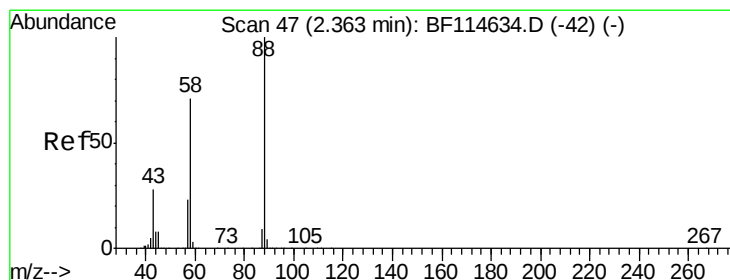
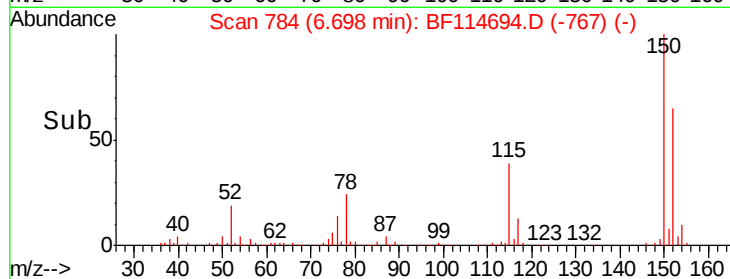
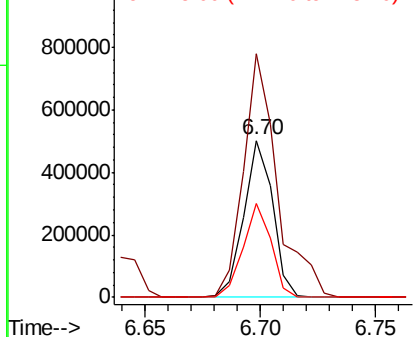


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

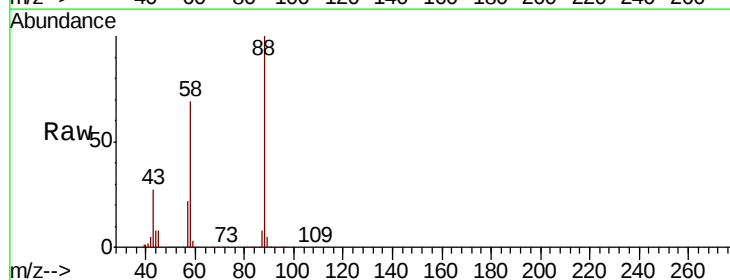
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 32.571 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.12 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	55.0	82.4
43	27.1	21.0	31.4

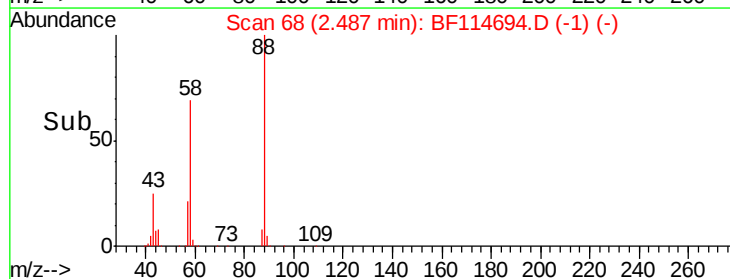
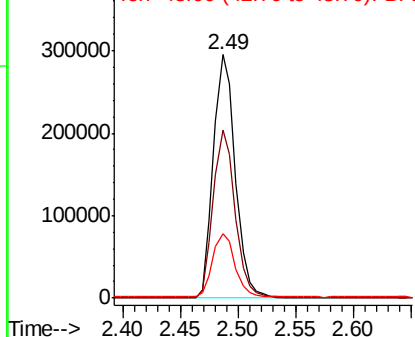


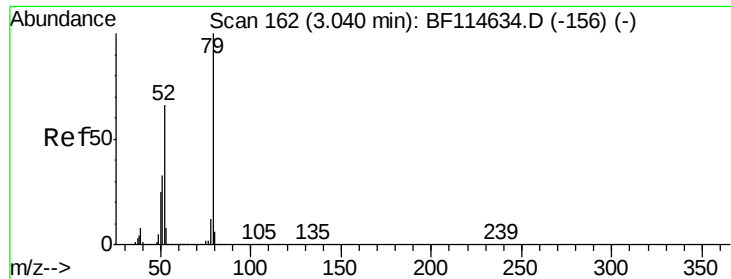
Abundance

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: 30.794 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.11 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampled :

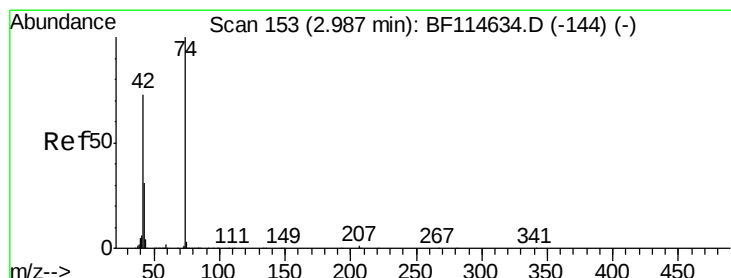
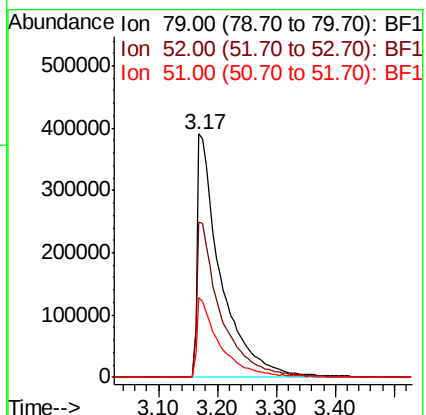
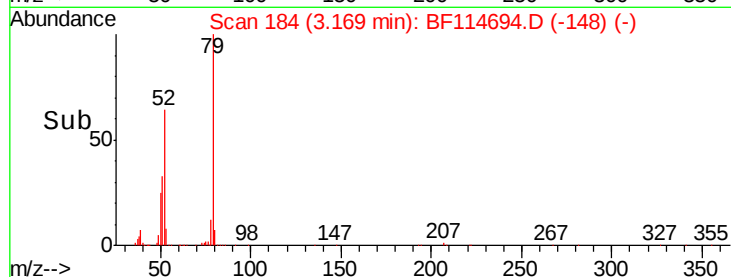
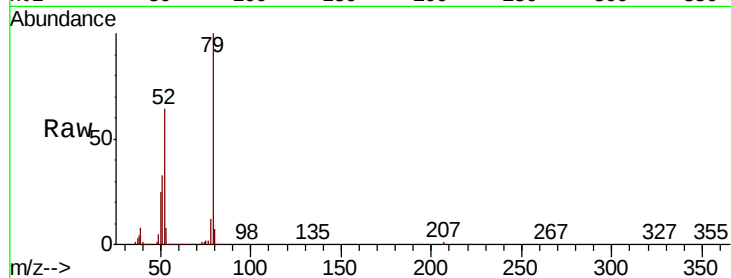
Tot Ion: 79 Resp: 1075626

Ion Ratio Lower Upper

79 100

52 64.0 51.9 77.9

51 32.6 25.9 38.9



#4

n-Nitrosodimethylamine

Concen: 30.784 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.10 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

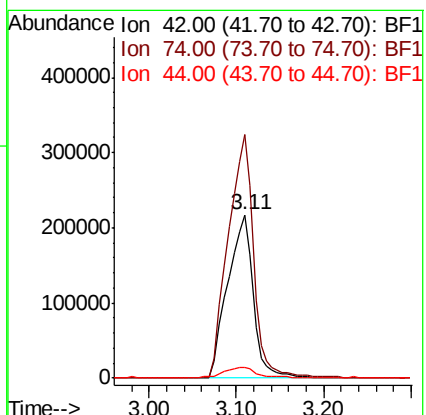
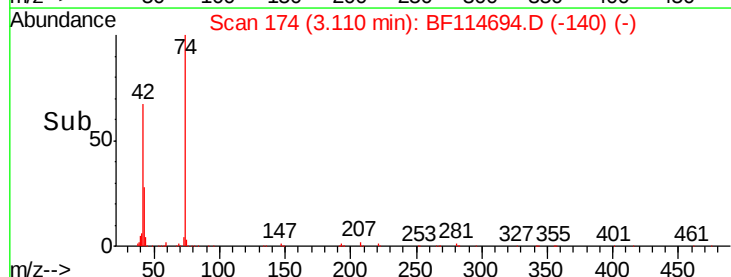
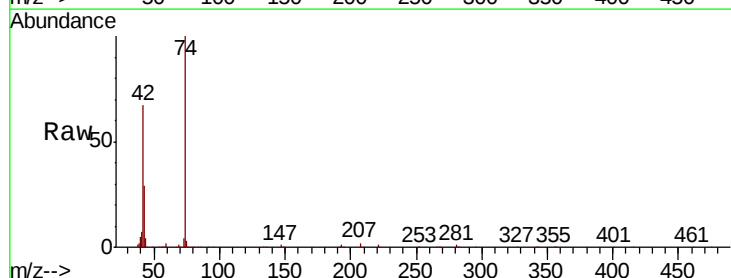
Tgt Ion: 42 Resp: 435149

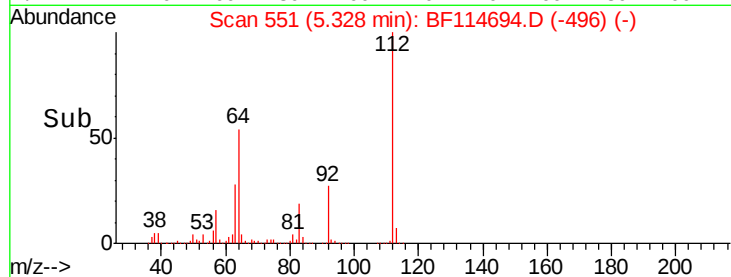
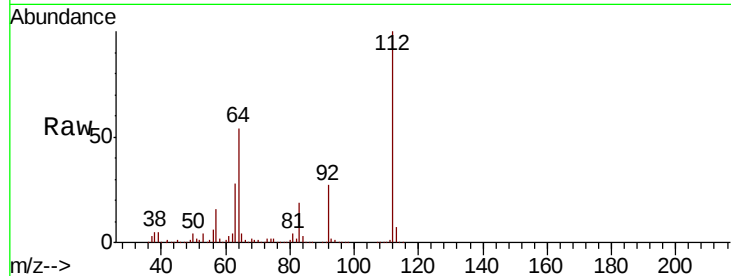
Ion Ratio Lower Upper

42 100

74 148.9 116.8 175.2

44 6.5 5.3 7.9





#5

2-Fluorophenol

Concen: 102.378 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

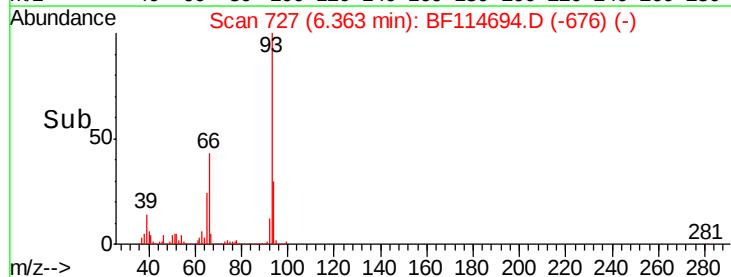
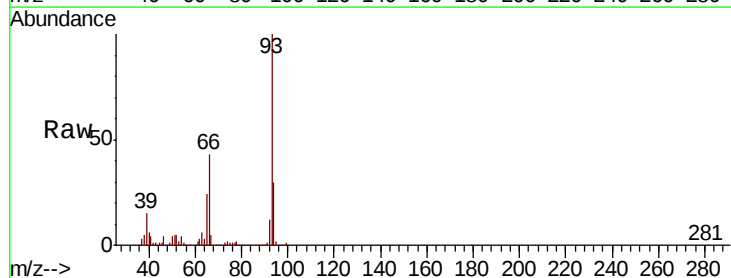
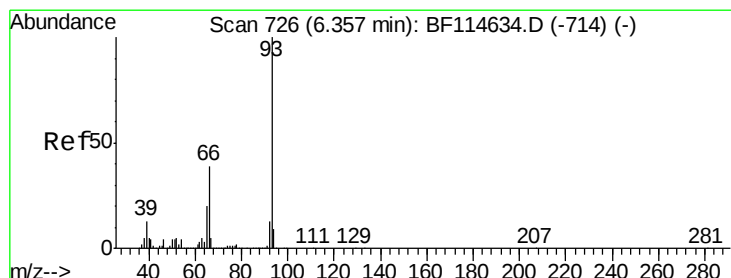
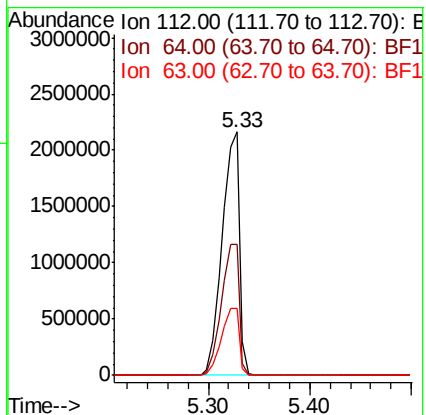
Tot Ion:112 Resp: 2560556

Ion Ratio Lower Upper

112 100

64 53.7 44.8 67.2

63 27.7 23.0 34.6



#6

Aniline

Concen: 23.318 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

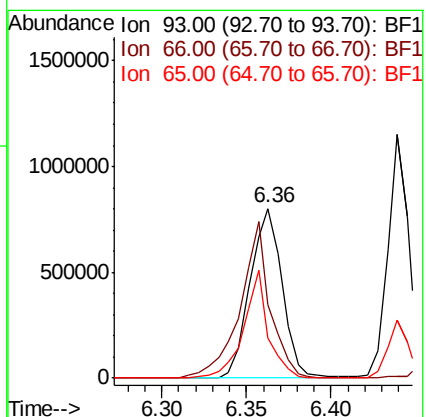
Tgt Ion: 93 Resp: 1061538

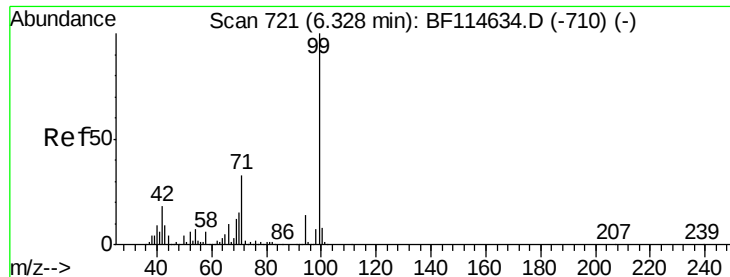
Ion Ratio Lower Upper

93 100

66 42.9 33.1 49.7

65 23.5 17.0 25.4





#7

Phenol-d6

Concen: 105.365 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

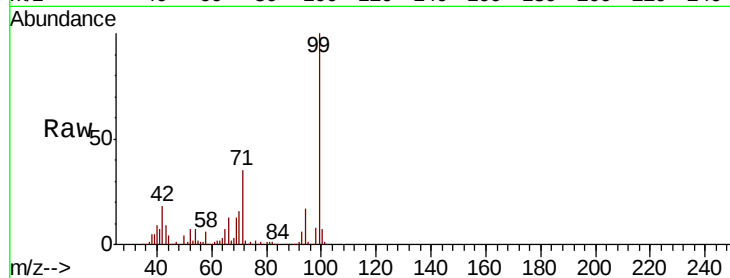
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 3175575

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	34.8	27.3	40.9

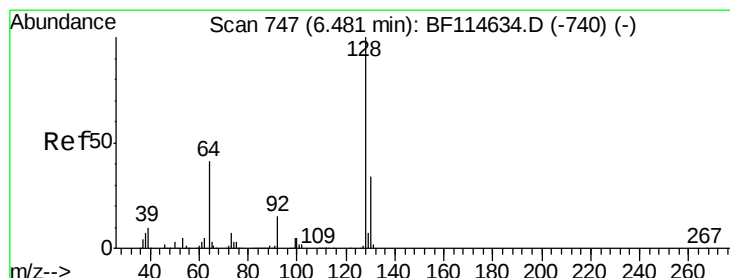
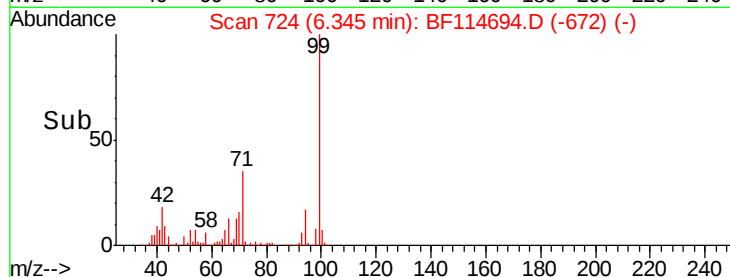
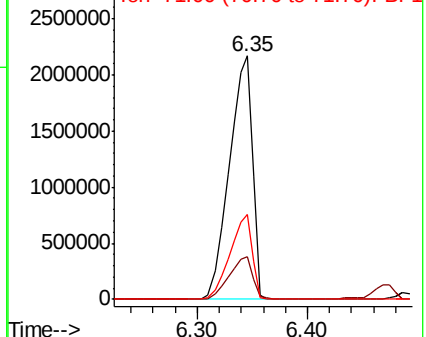


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.735 ng

RT: 6.49 min Scan# 748

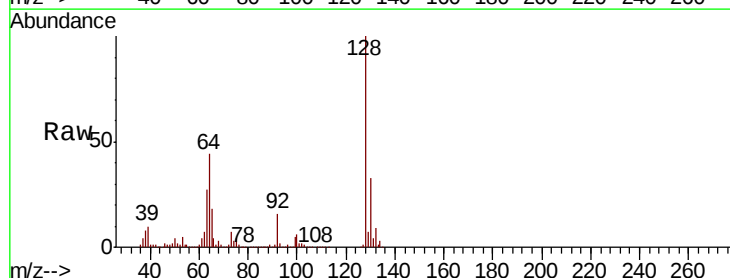
Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion: 128 Resp: 1061053

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.6	53.6
64	44.2	24.0	64.0

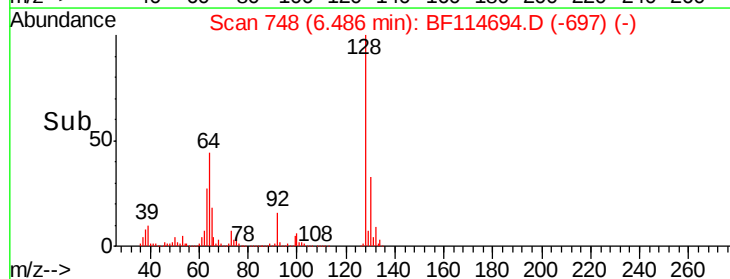
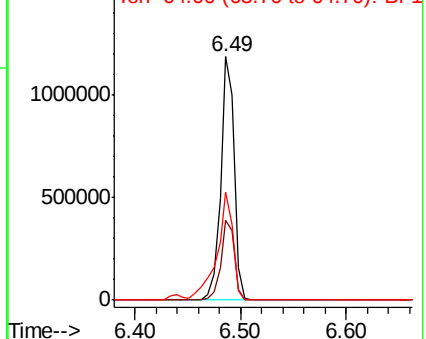


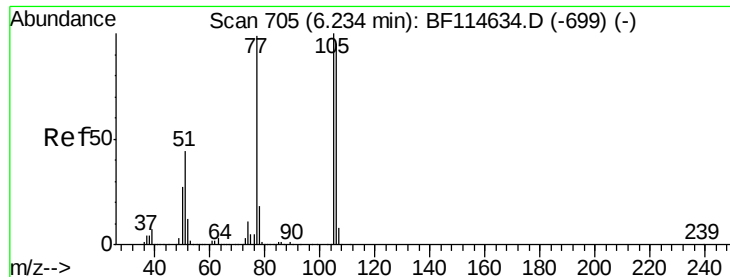
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.951 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

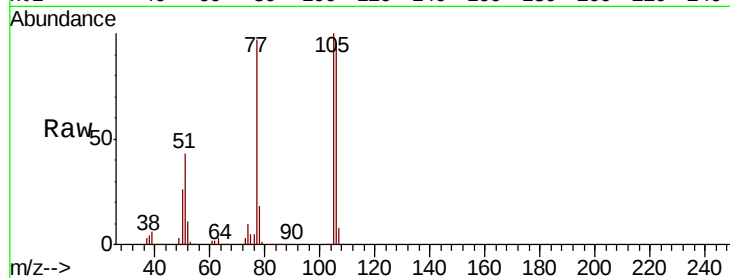
Tot Ion: 77 Resp: 587781

Ion Ratio Lower Upper

77 100

105 102.8 83.0 123.0

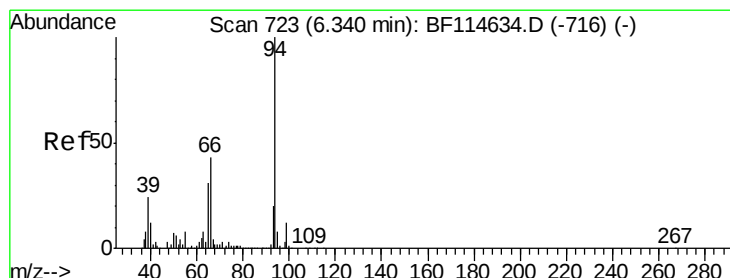
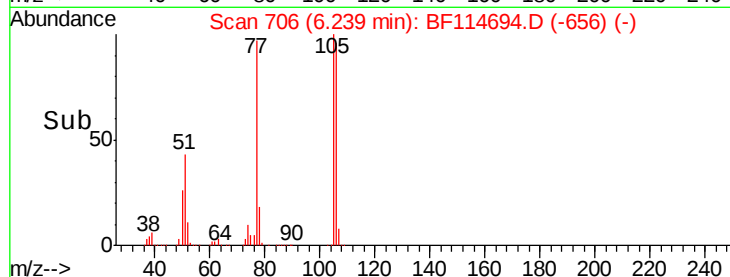
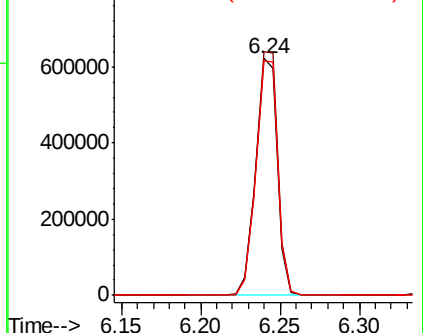
106 98.8 79.2 119.2



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: 33.059 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

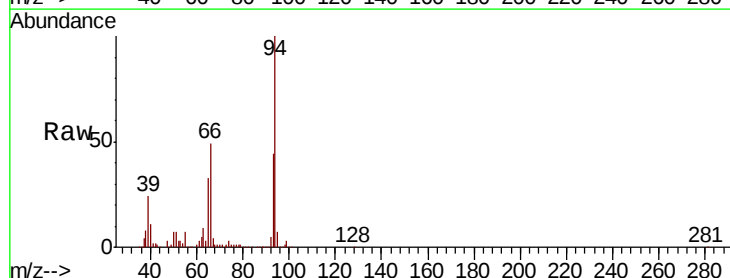
Tgt Ion: 94 Resp: 1203624

Ion Ratio Lower Upper

94 100

65 33.5 16.5 56.5

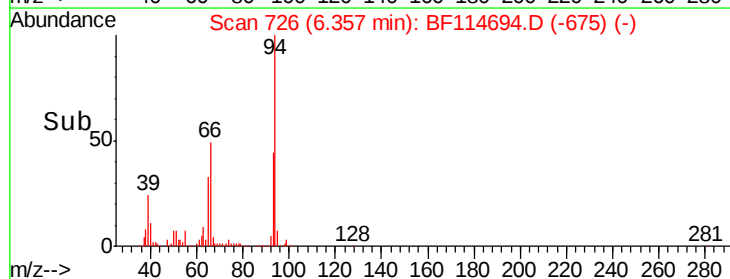
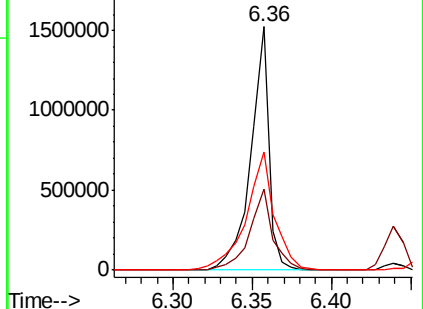
66 48.7 36.3 76.3

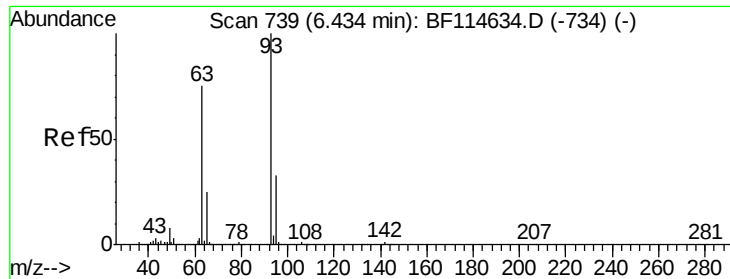


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.465 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

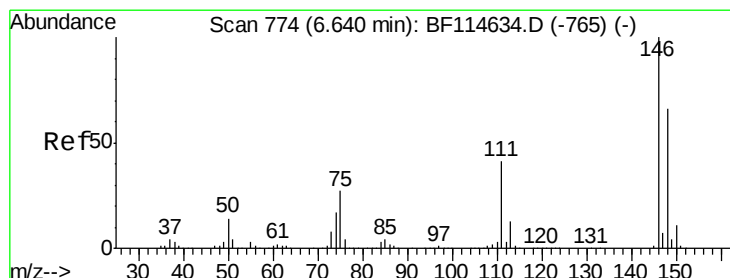
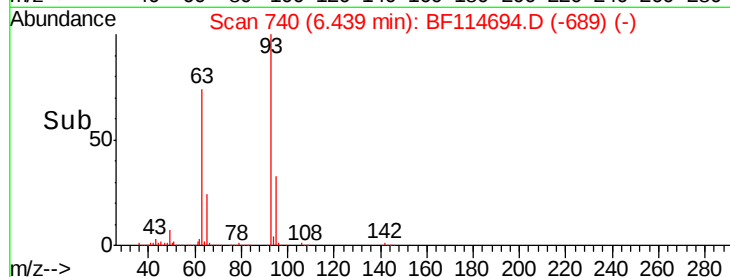
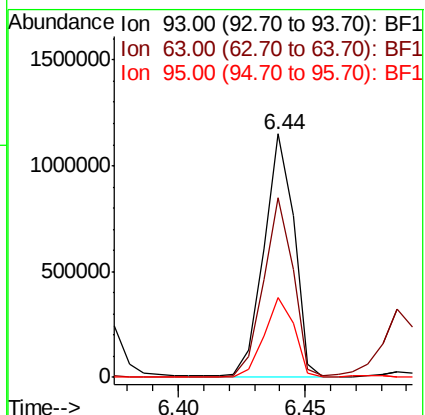
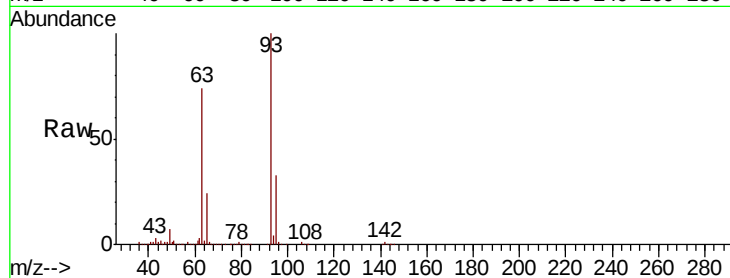
Tot Ion: 93 Resp: 959818

Ion Ratio Lower Upper

93 100

63 73.7 53.5 93.5

95 33.0 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 33.888 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

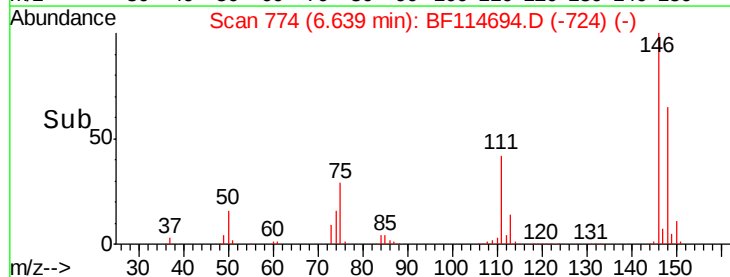
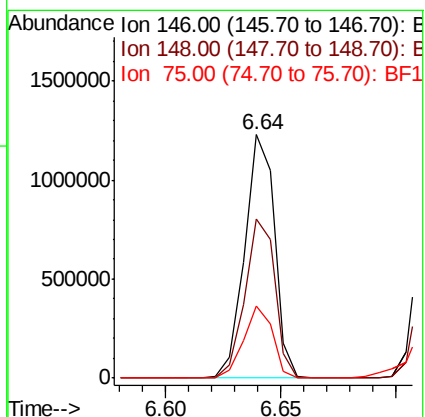
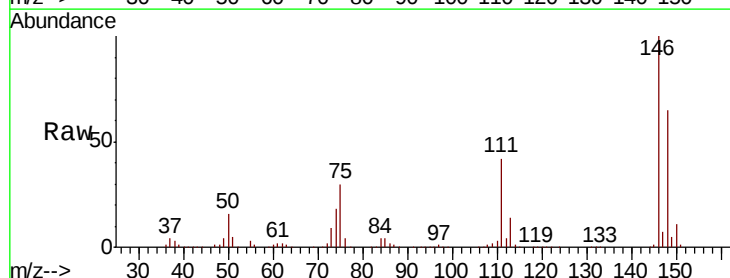
Tgt Ion: 146 Resp: 1115160

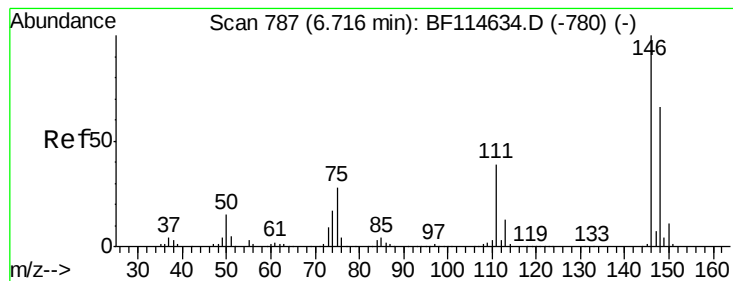
Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

75 29.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 34.380 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

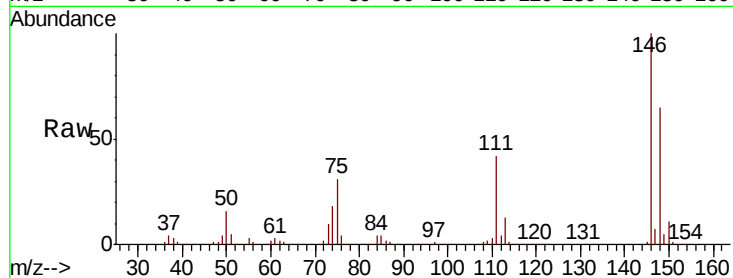
Tot Ion:146 Resp: 1134963

Ion Ratio Lower Upper

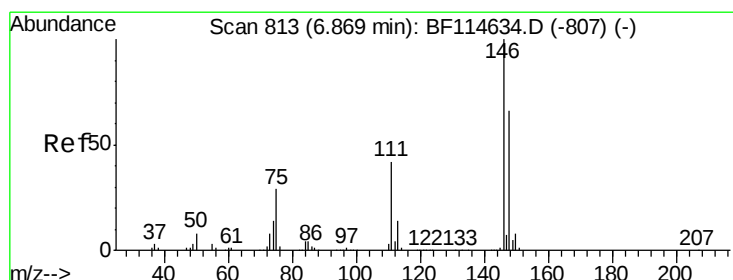
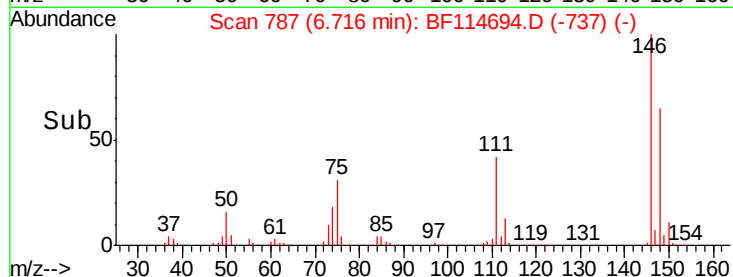
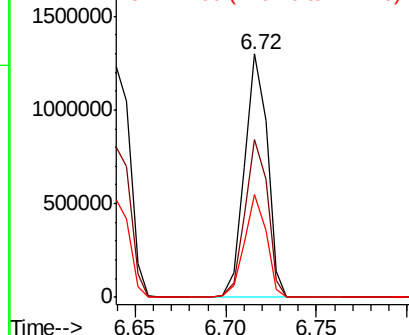
146 100

148 65.1 53.2 79.8

111 42.1 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.624 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

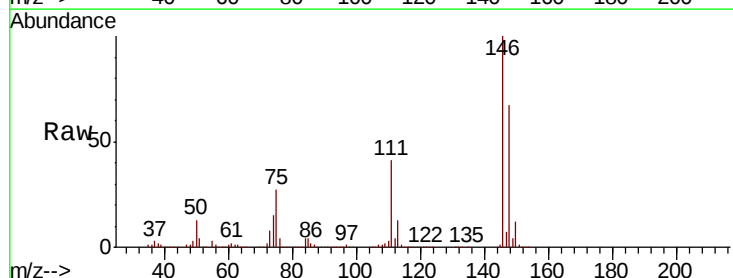
Tgt Ion:146 Resp: 1040630

Ion Ratio Lower Upper

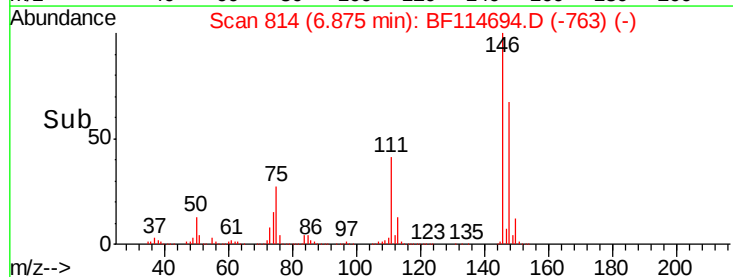
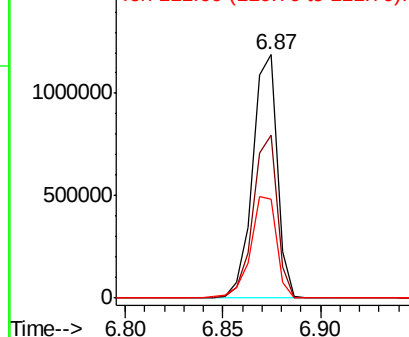
146 100

148 66.7 52.9 79.3

111 40.8 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.414 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampled :

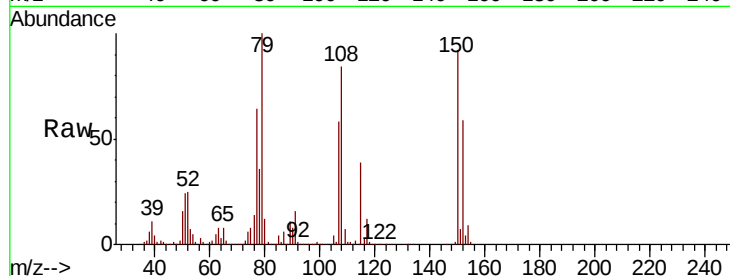
Tot Ion: 79 Resp: 863272

Ion Ratio Lower Upper

79 100

108 84.1 66.4 99.6

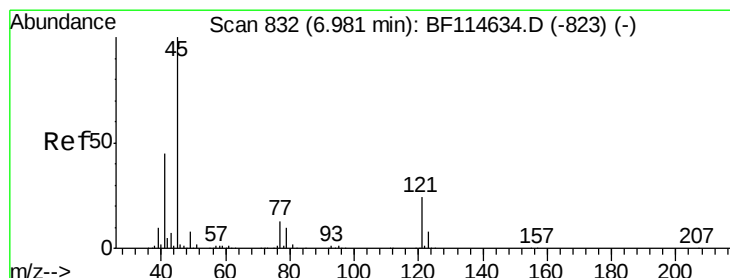
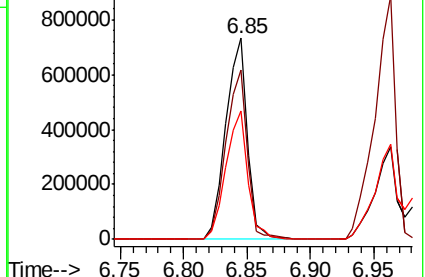
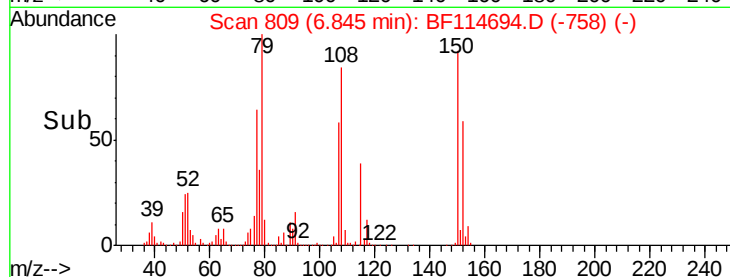
77 63.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.113 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

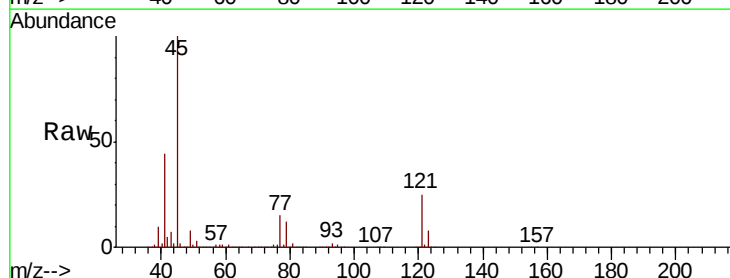
Tgt Ion: 45 Resp: 1371686

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.3

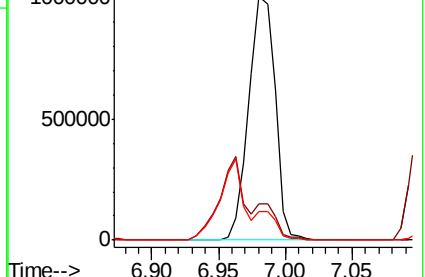
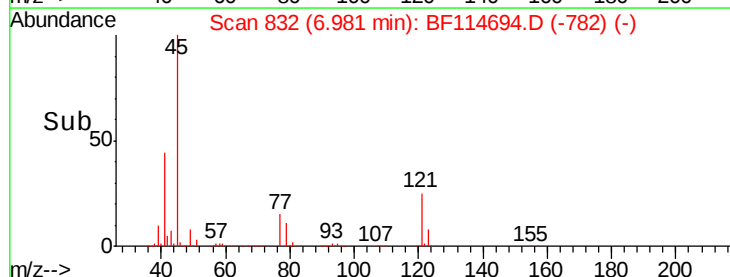
79 11.7 0.0 32.0

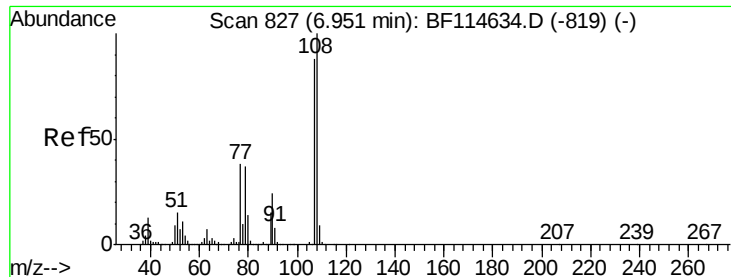


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

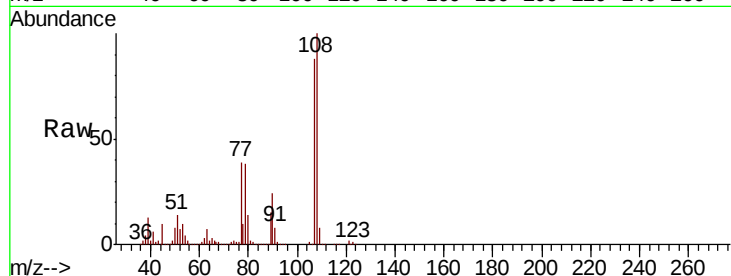




#17
2-Methylphenol
Concen: 37.019 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.7	134.5
77	44.3	34.9	52.3
79	42.9	34.2	51.2



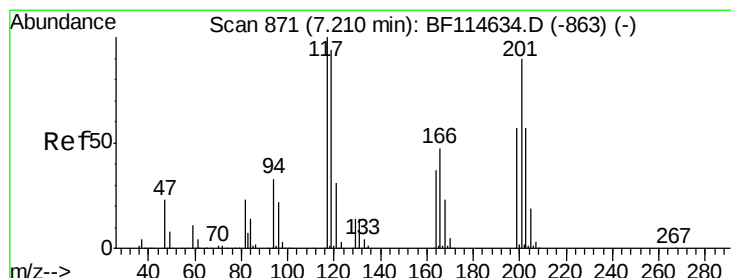
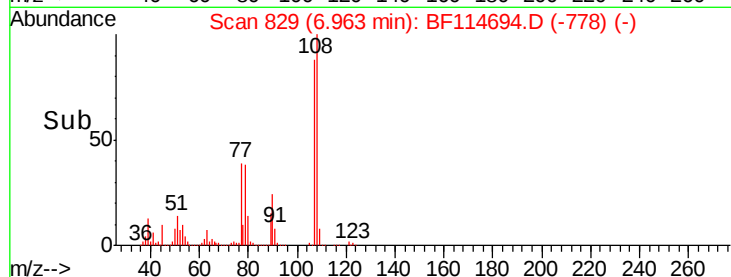
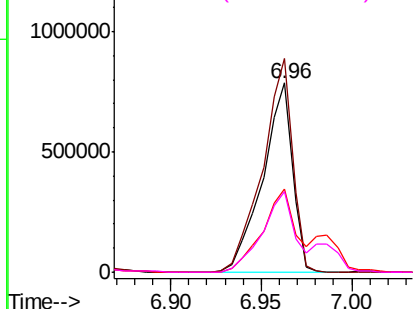
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

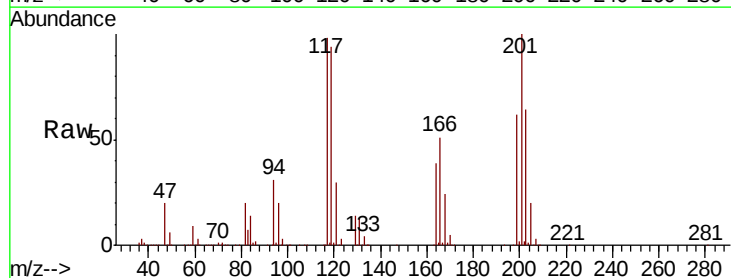
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.826 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.9	116.9
201	102.4	77.9	116.9

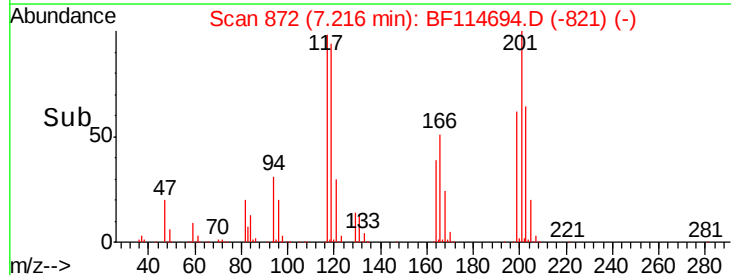
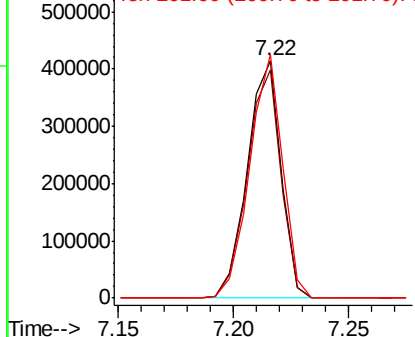


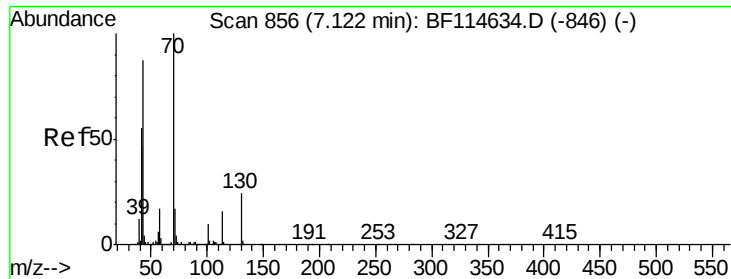
Abundance

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

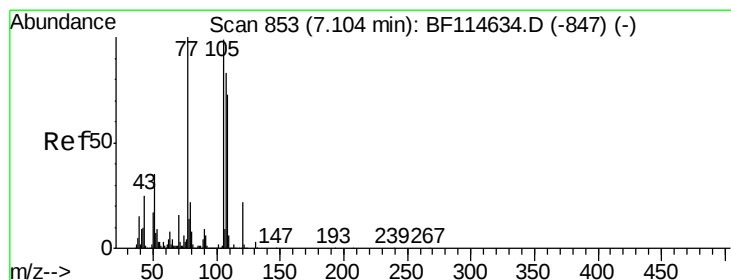
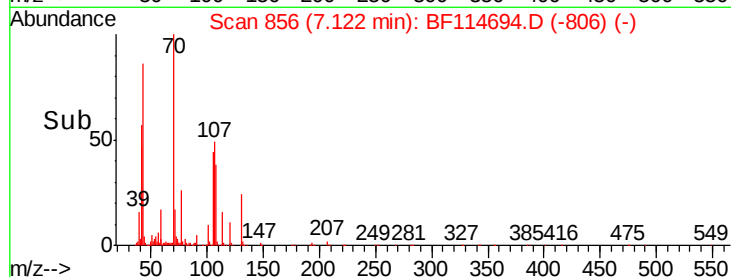
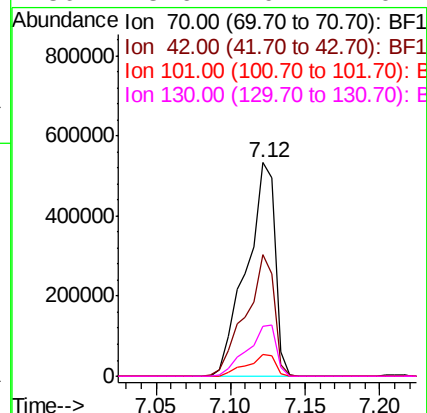
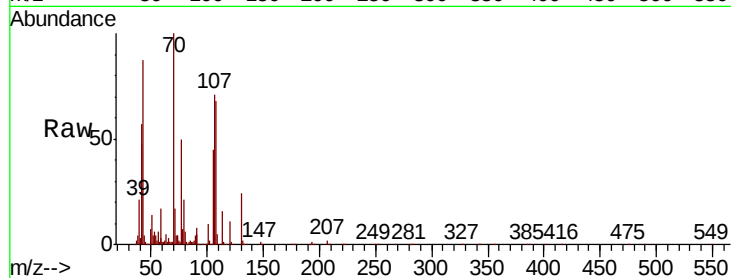




#19
n-Nitroso-di-n-propylamine
Concen: 34.098 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

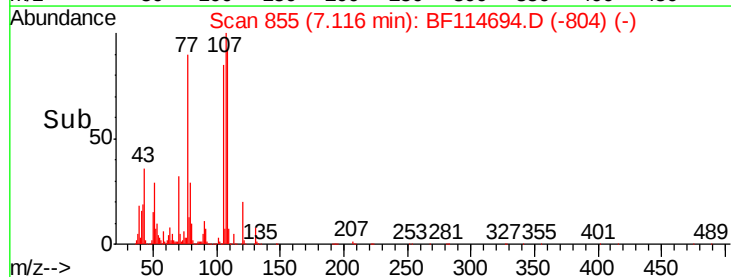
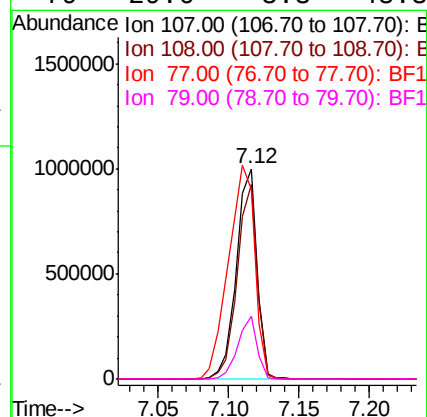
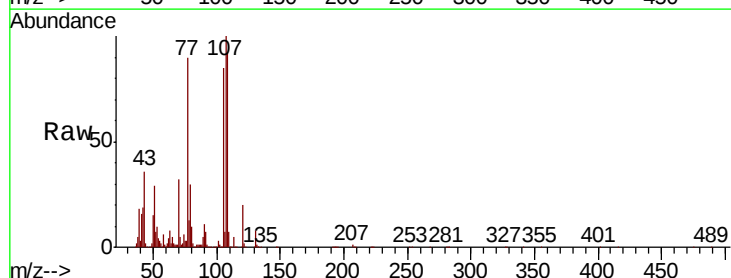
Instrument :
BNA_F
ClientSampleId :

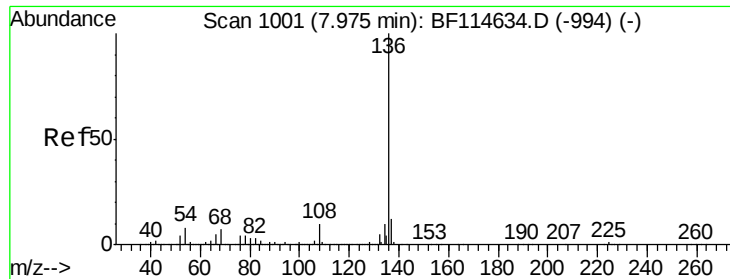
Tot Ion:	70	Resp:	709345
Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.9	65.9
101	10.0	8.3	12.5
130	23.6	19.4	29.2



#20
3+4-Methylphenols
Concen: 35.401 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:	107	Resp:	1017167
Ion	Ratio	Lower	Upper
107	100		
108	92.2	69.7	109.7
77	90.2	99.5	139.5#
79	29.6	8.3	48.3

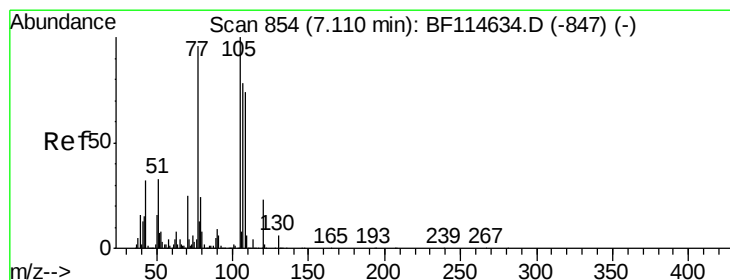
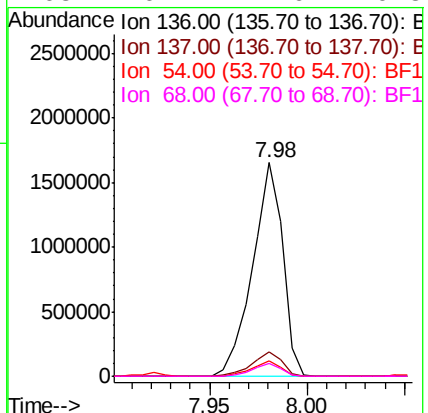
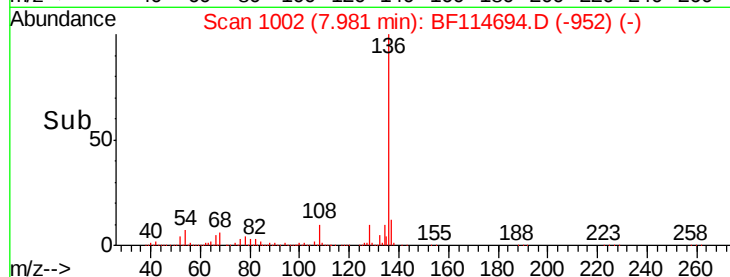
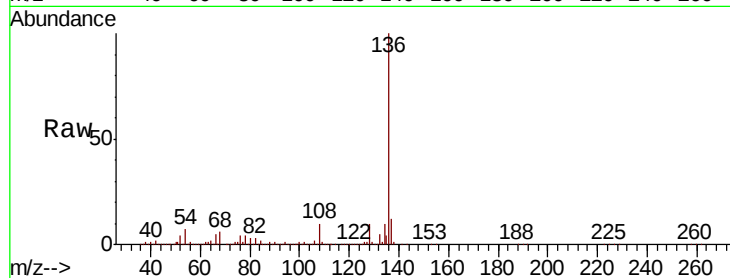




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

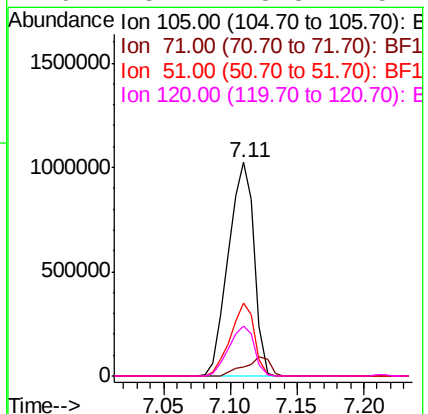
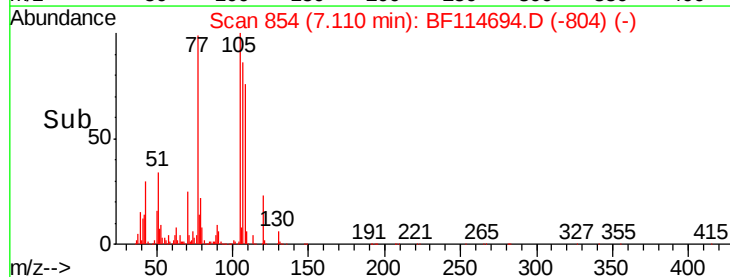
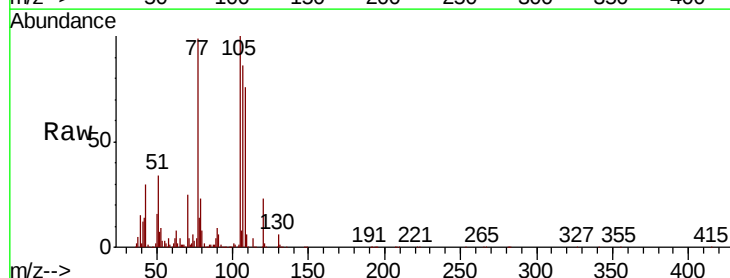
Instrument :
BNA_F
ClientSampleId :

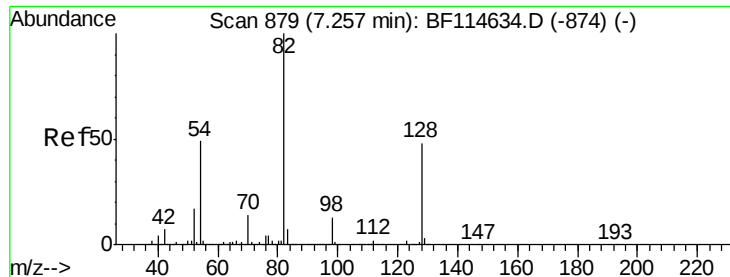
Tot Ion:136	Resp: 1775929
Ion Ratio	Lower Upper
136 100	
137 11.6	9.1 13.7
54 7.2	5.2 7.8
68 6.1	4.6 6.8



#22
Acetophenone
Concen: 36.698 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt	Ion:105	Resp:	1388635
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.5	3.7#
51	34.1	27.4	41.0
120	23.2	18.8	28.2

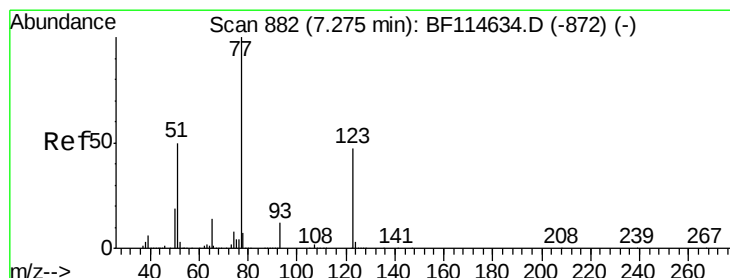
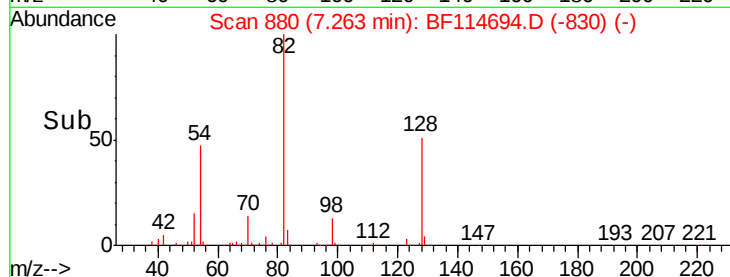
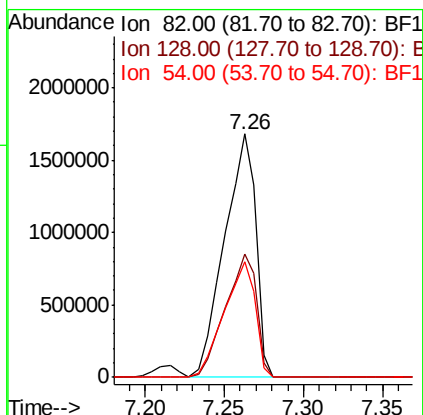
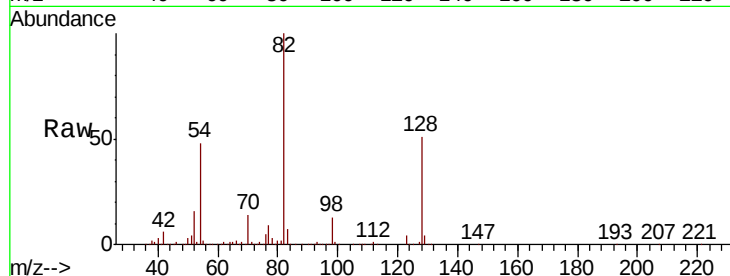




#23
 Nitrobenzene-d5
 Concen: 80.827 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

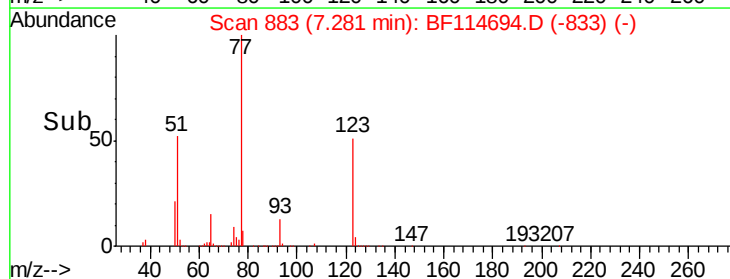
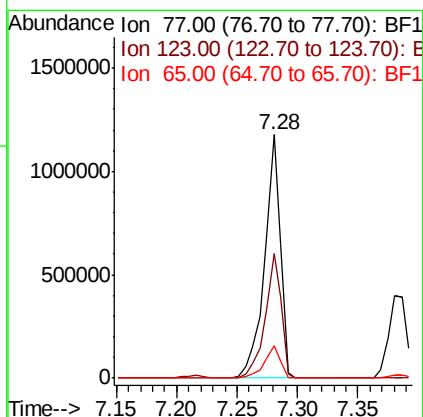
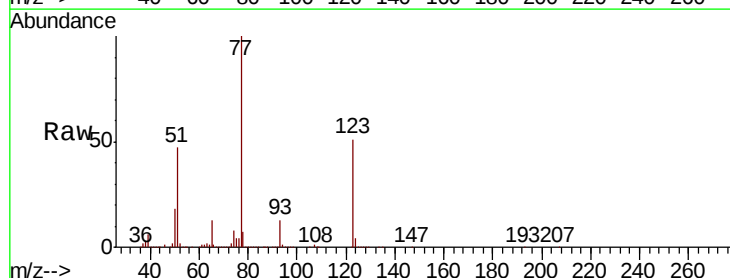
Instrument :
 BNA_F
 ClientSampled :

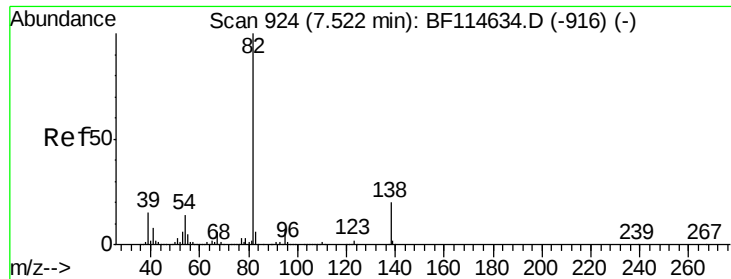
Tot Ion: 82 Resp: 2300776
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.7 62.5
 54 47.5 37.5 56.3



#24
 Nitrobenzene
 Concen: 35.679 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion: 77 Resp: 1078853
 Ion Ratio Lower Upper
 77 100
 123 51.3 42.8 64.2
 65 13.1 10.8 16.2





#25

Isophorone

Concen: 35.517 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

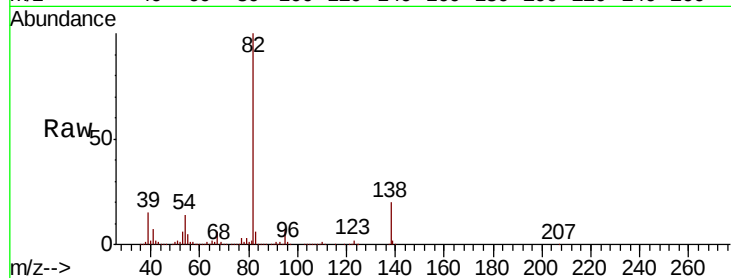
Tot Ion: 82 Resp: 2028965

Ion Ratio Lower Upper

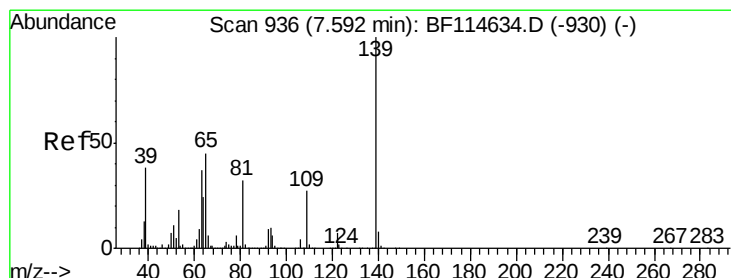
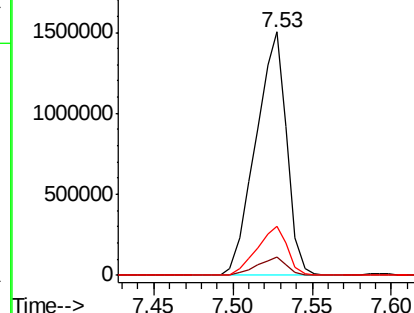
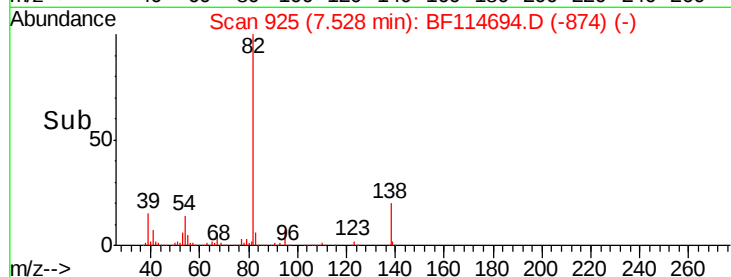
82 100

95 7.3 5.8 8.8

138 20.1 16.1 24.1



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: 41.242 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

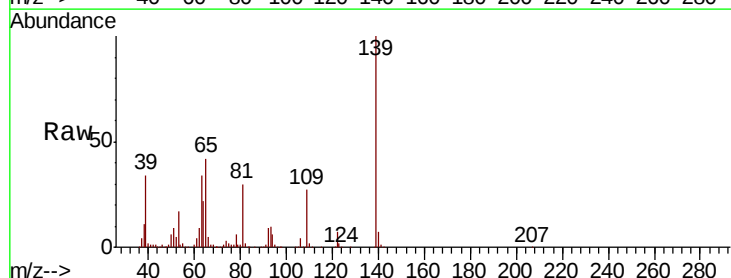
Tgt Ion: 139 Resp: 607025

Ion Ratio Lower Upper

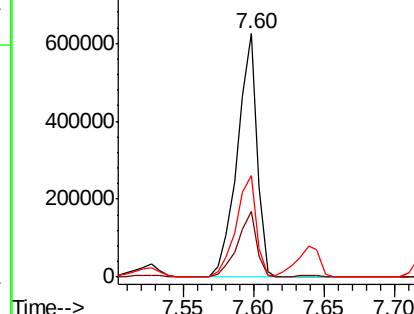
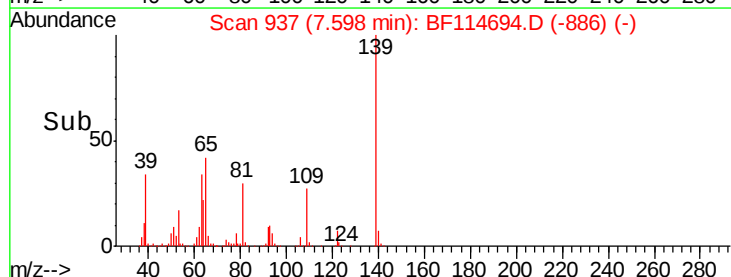
139 100

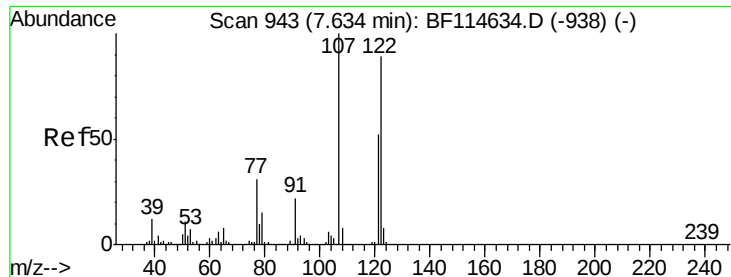
109 26.8 21.7 32.5

65 41.8 36.2 54.2



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

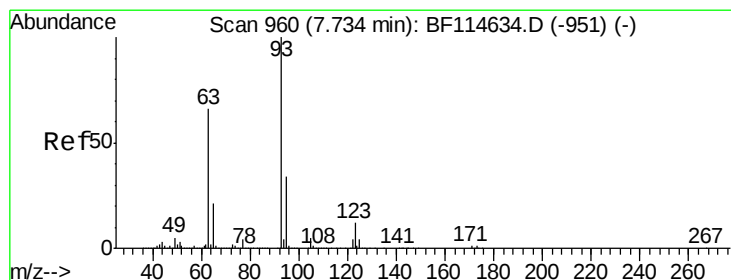
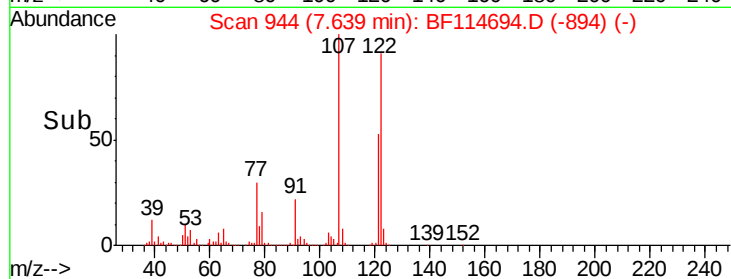
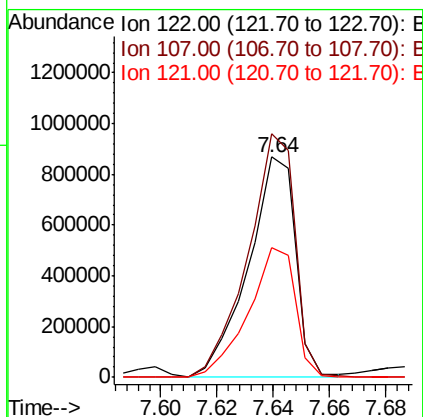
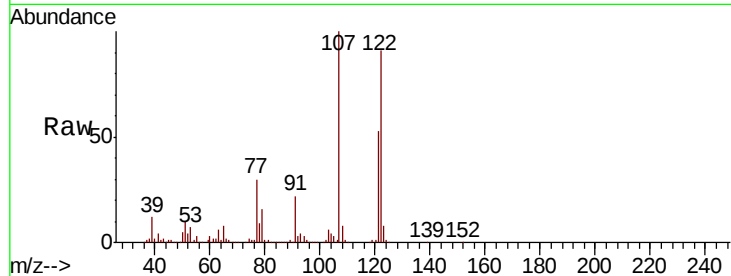




#27
 2,4-Dimethylphenol
 Concen: 41.289 ng
 RT: 7.64 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

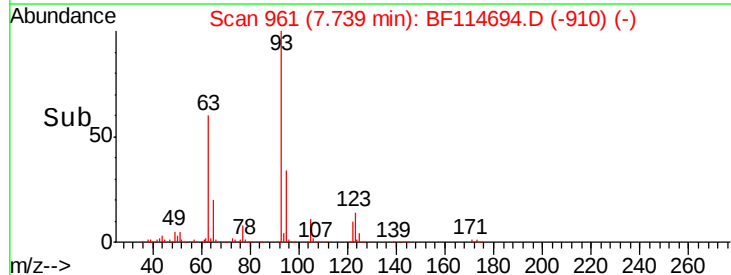
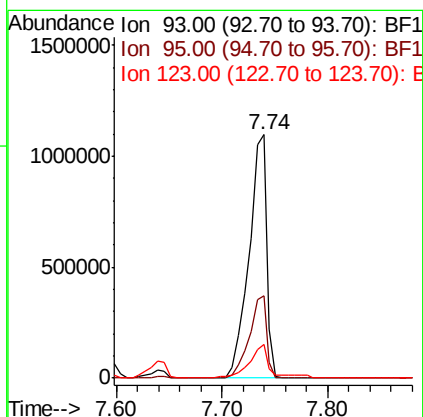
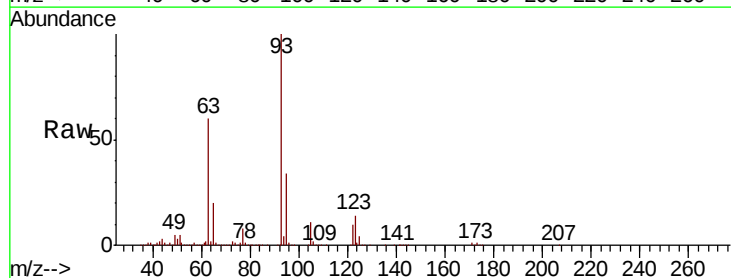
Instrument :
 BNA_F
 ClientSampleId :

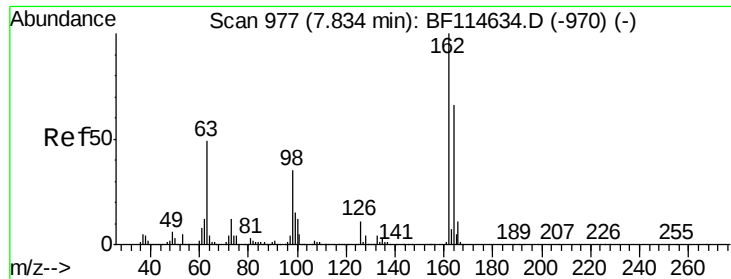
Tot Ion:122 Resp: 1010721
 Ion Ratio Lower Upper
 122 100
 107 110.4 87.7 131.5
 121 58.8 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.329 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion: 93 Resp: 1284737
 Ion Ratio Lower Upper
 93 100
 95 33.6 27.2 40.8
 123 13.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 38.235 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

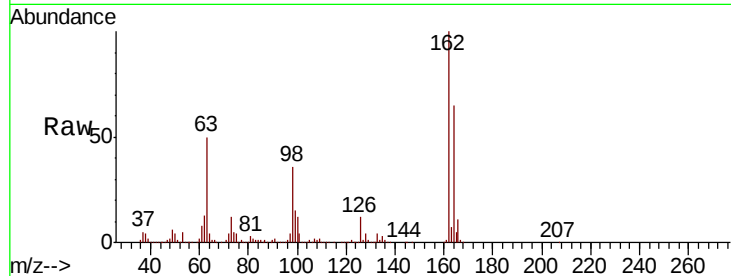
Tot Ion:162 Resp: 952661

Ion Ratio Lower Upper

162 100

164 64.5 45.9 85.9

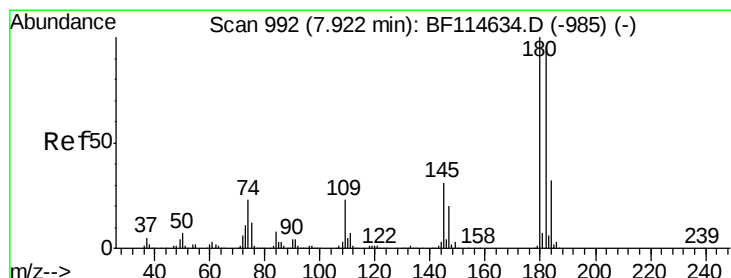
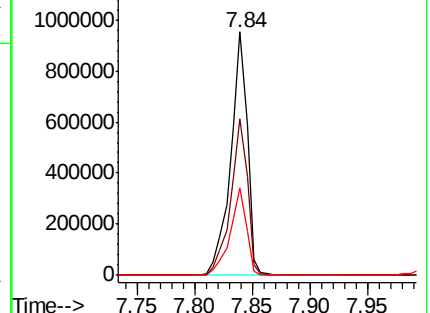
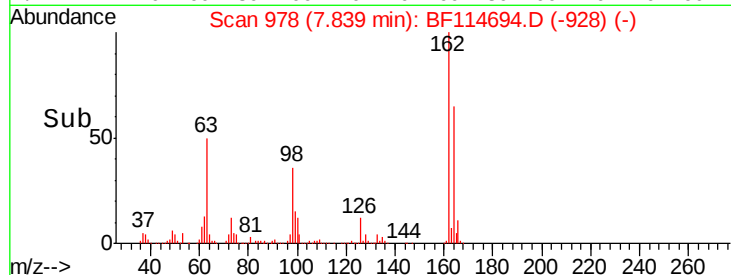
98 36.1 13.0 53.0



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: 35.943 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

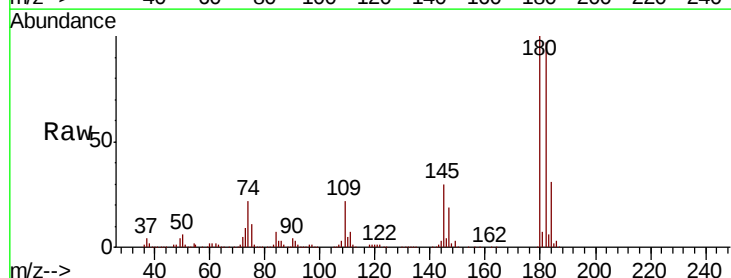
Tgt Ion:180 Resp: 1020307

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.8

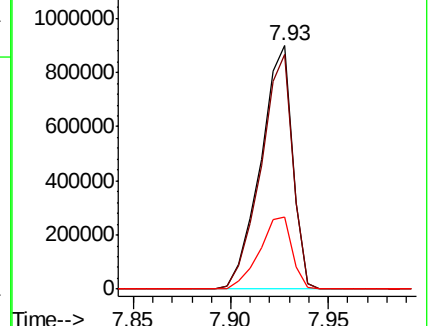
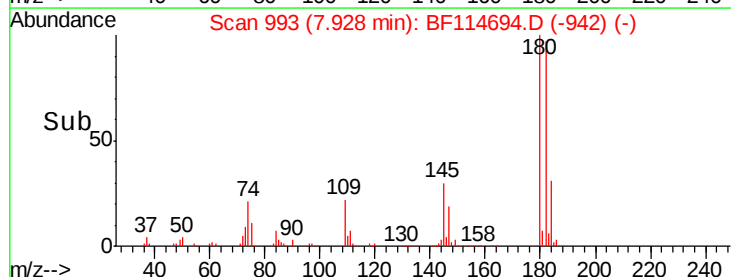
145 29.7 24.7 37.1

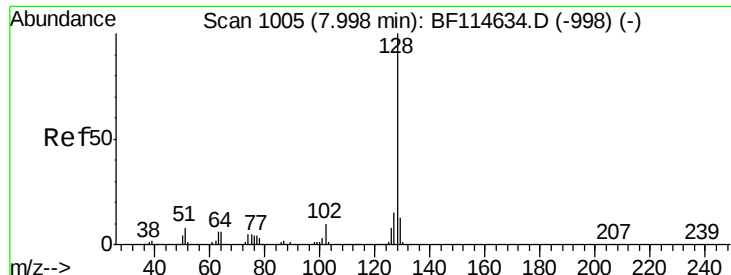


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

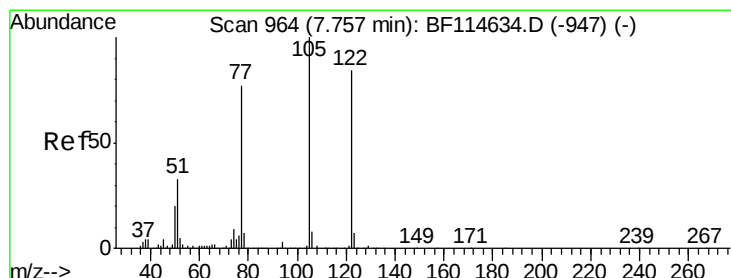
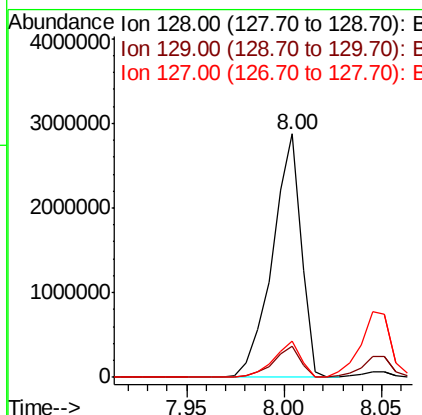
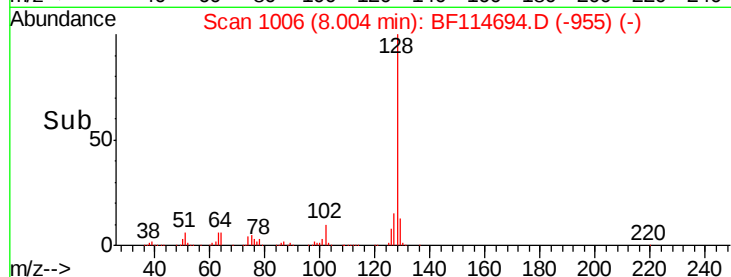
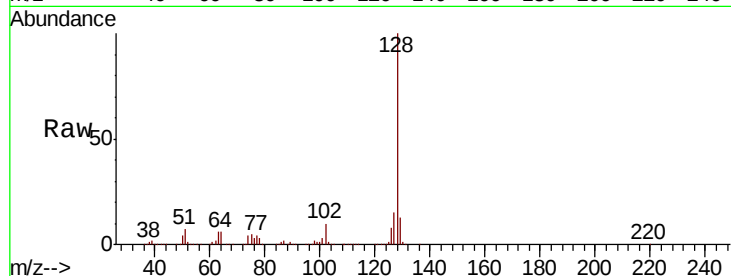




#31
Naphthalene
Concen: 35.746 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

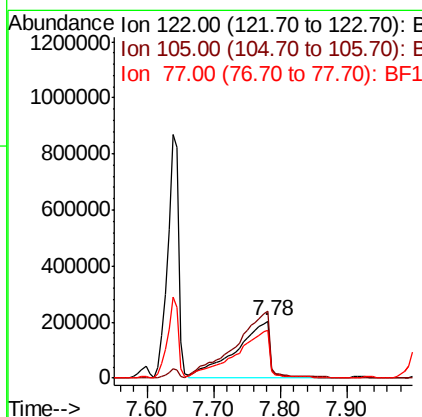
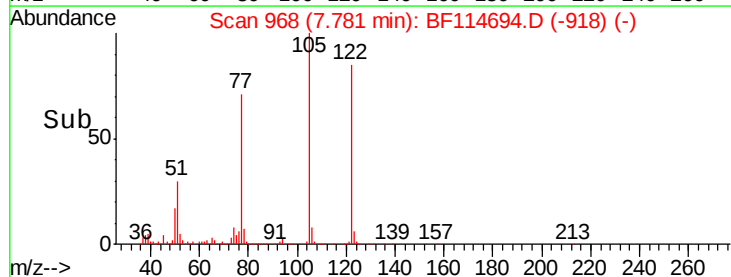
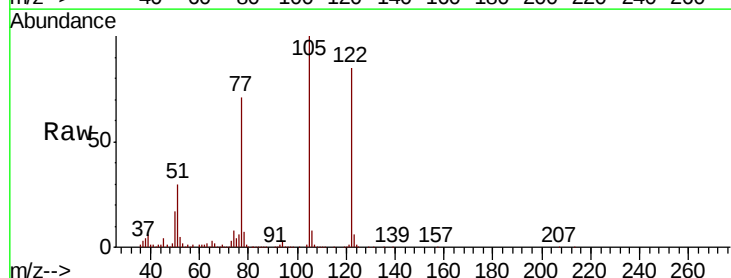
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2924115
Ion Ratio Lower Upper
128 100
129 12.7 10.7 16.1
127 14.9 12.3 18.5



#32
Benzoic acid
Concen: 44.966 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:122 Resp: 714939
Ion Ratio Lower Upper
122 100
105 117.4 99.1 139.1
77 83.9 65.3 105.3

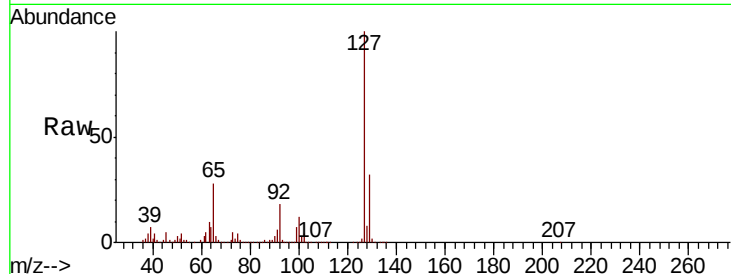




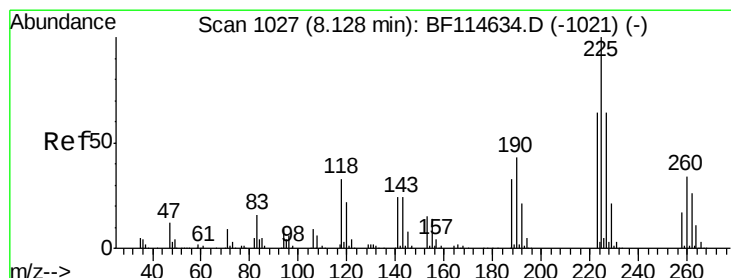
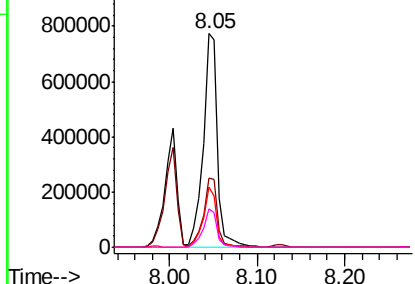
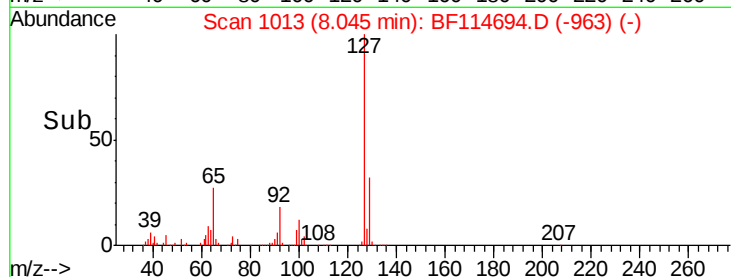
#33
4-Chloroaniline
Concen: 22.345 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	870869
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	28.0	22.9	34.3
92	17.9	15.2	22.8

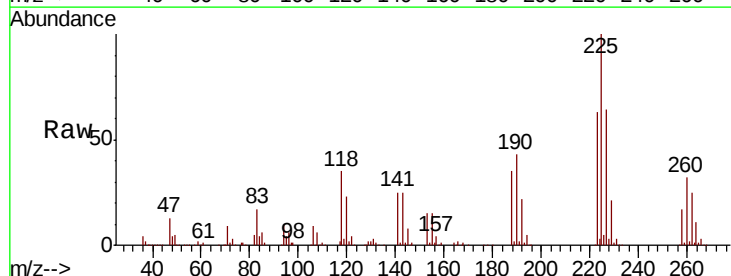


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

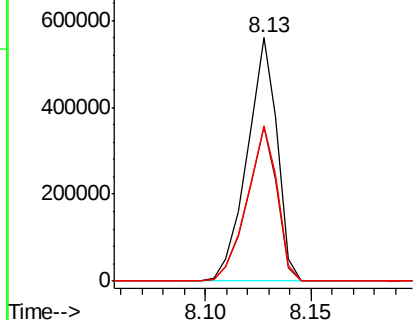
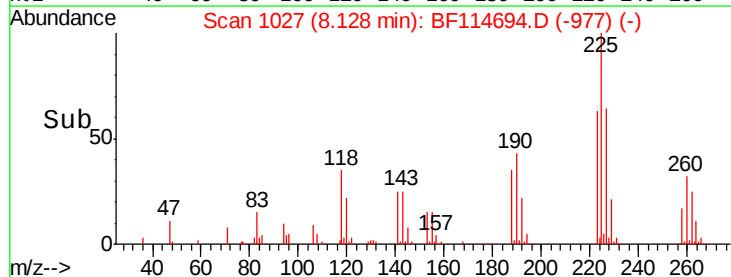


#34
Hexachlorobutadiene
Concen: 35.093 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:	225	Resp:	553408
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.3	75.5
227	63.9	52.4	78.6



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

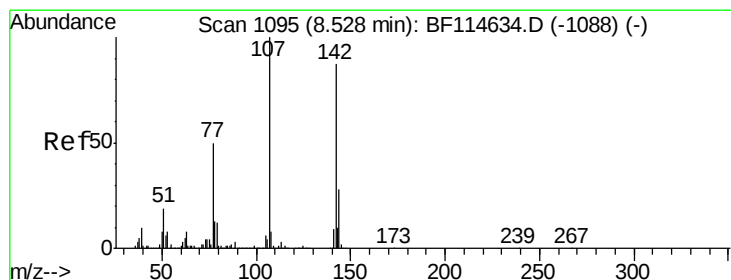
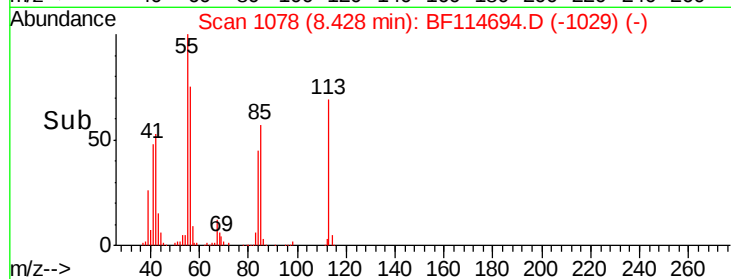
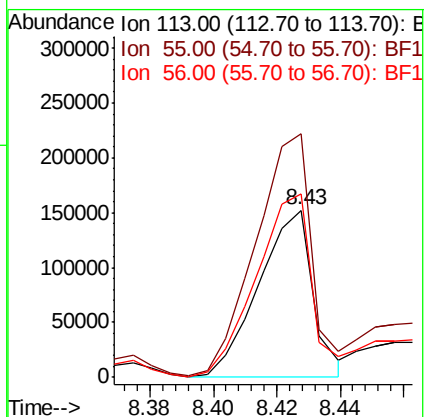
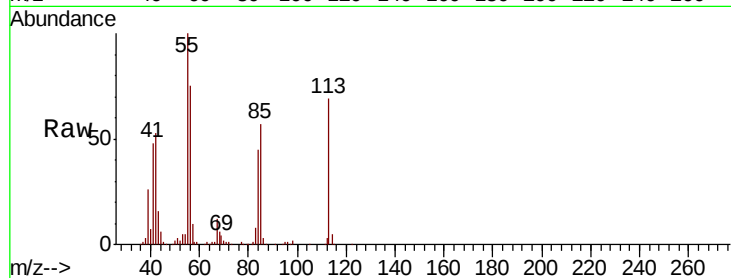




#35
 Caprolactam
 Concen: 21.553 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

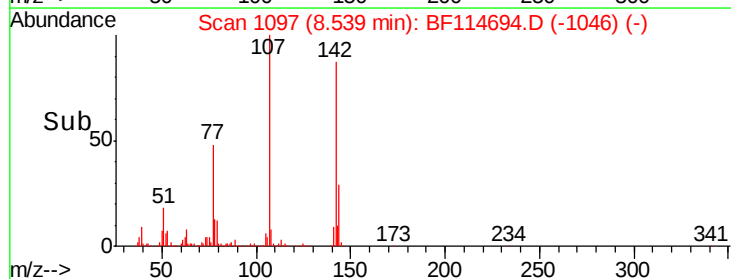
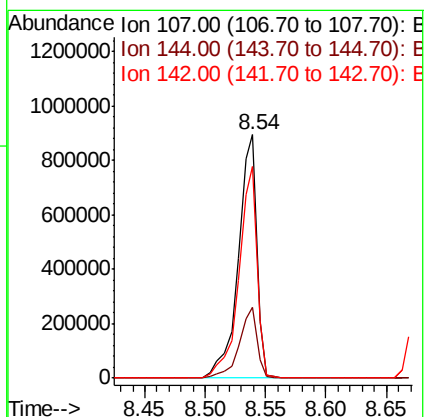
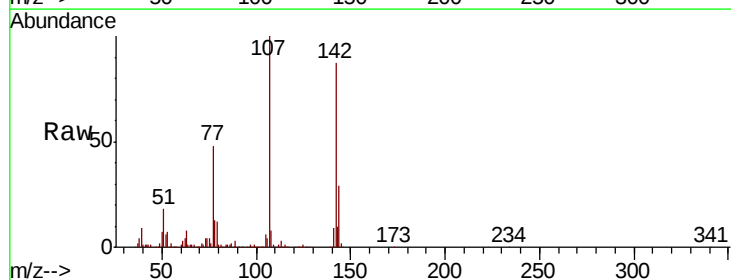
Instrument :
 BNA_F
 ClientSampleId :

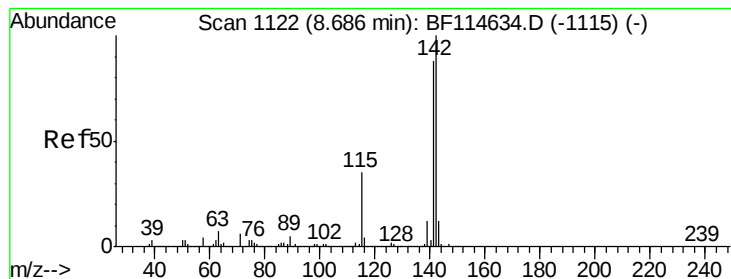
Tot Ion:113 Resp: 181229
 Ion Ratio Lower Upper
 113 100
 55 145.6 130.4 170.4
 56 109.6 91.4 131.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.438 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:107 Resp: 960451
 Ion Ratio Lower Upper
 107 100
 144 28.9 22.6 33.8
 142 87.1 69.4 104.2





#37

2-Methylnaphthalene

Concen: 38.380 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

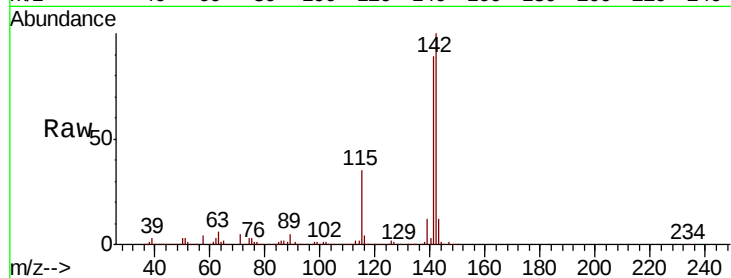
Tot Ion:142 Resp: 2086018

Ion Ratio Lower Upper

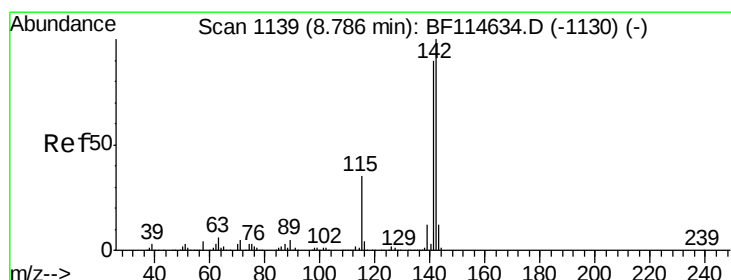
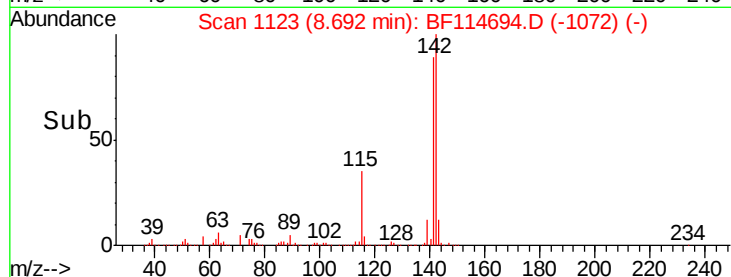
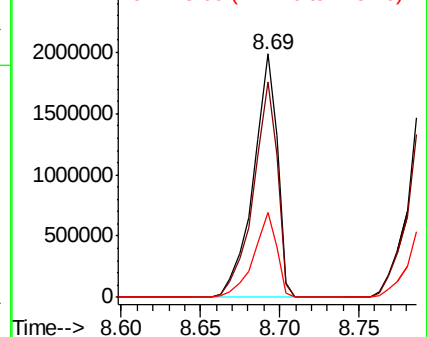
142 100

141 88.6 70.5 105.7

115 34.9 28.4 42.6



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: 38.617 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

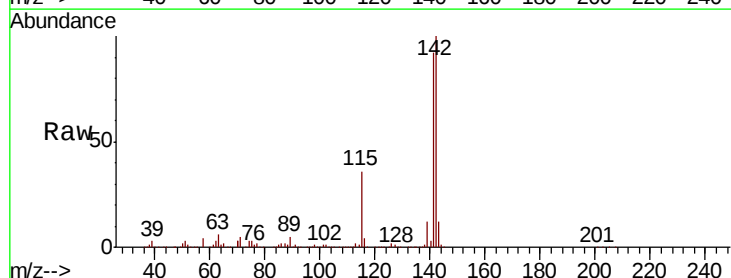
Tgt Ion:142 Resp: 1988586

Ion Ratio Lower Upper

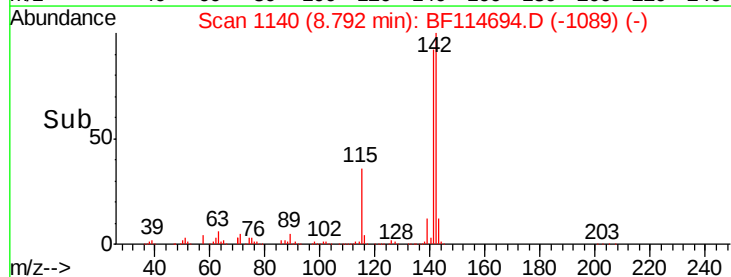
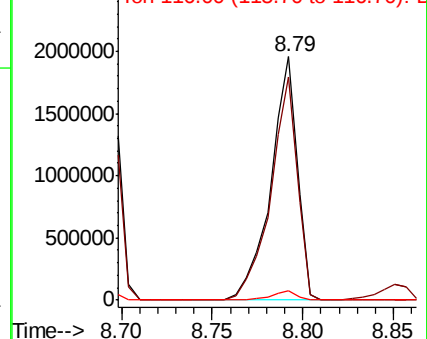
142 100

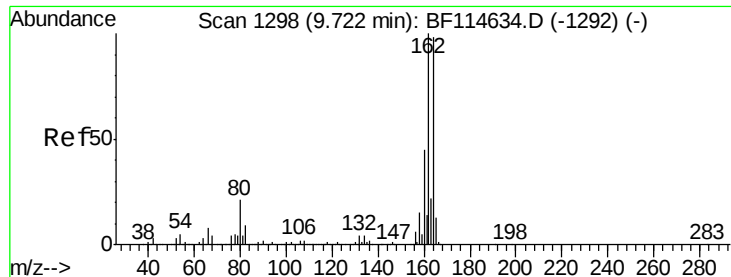
141 91.8 73.8 110.6

116 3.8 3.2 4.8



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

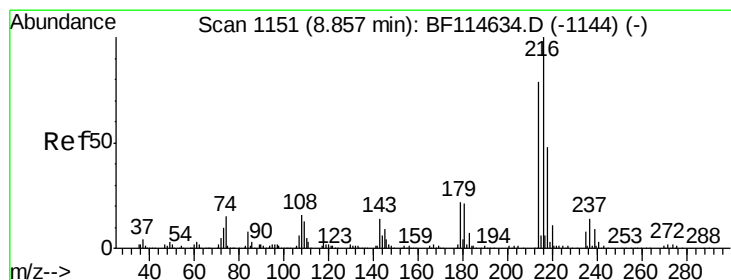
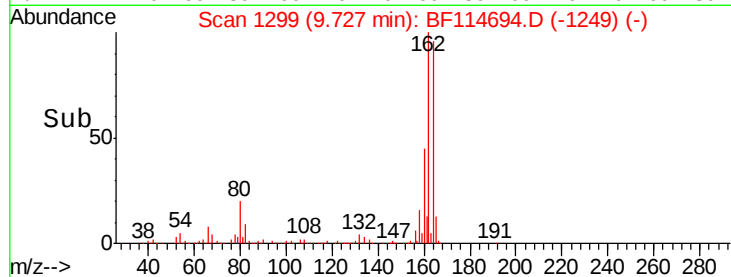
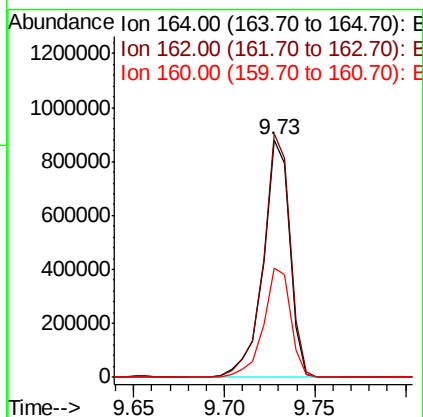
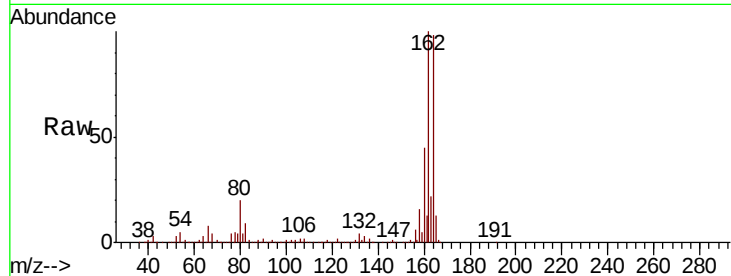




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

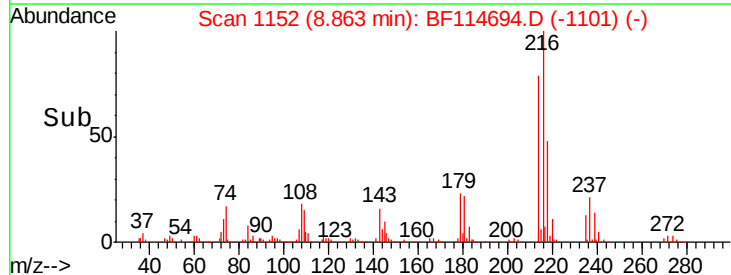
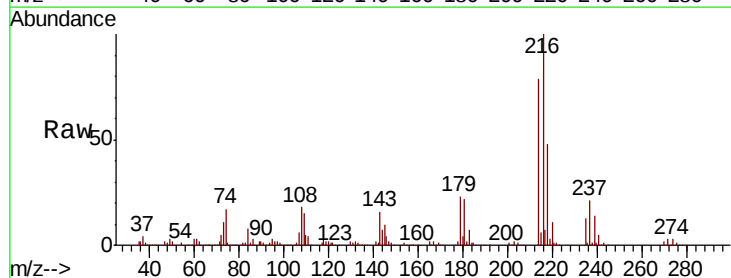
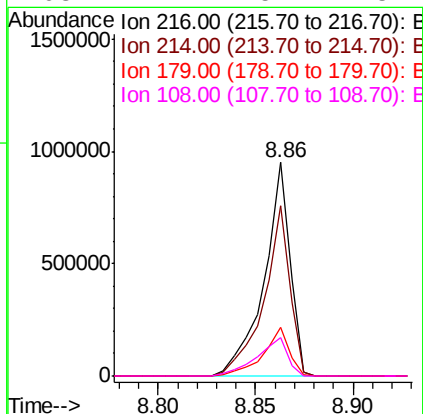
Instrument :
BNA_F
ClientSampleId :

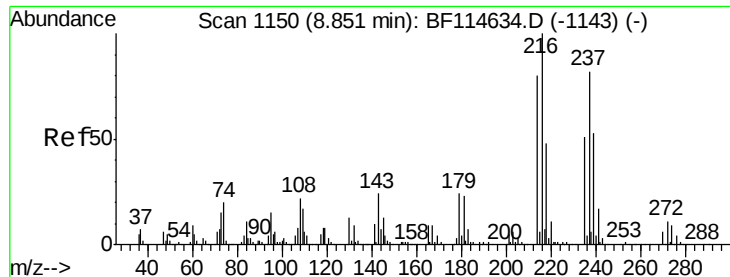
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.4
160	46.0	38.2	57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.931 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	22.5	18.1	27.1
108	21.1	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 71.747 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

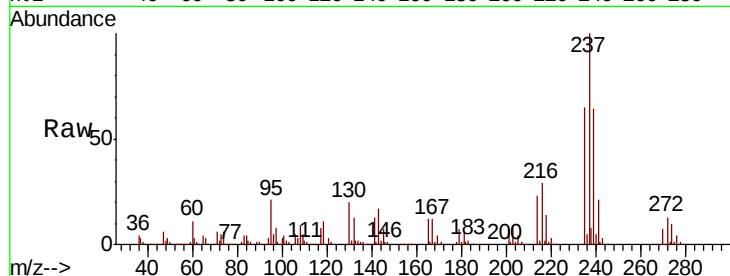
Tot Ion:237 Resp: 1130838

Ion Ratio Lower Upper

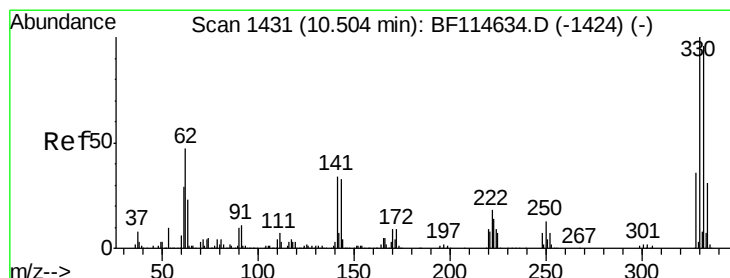
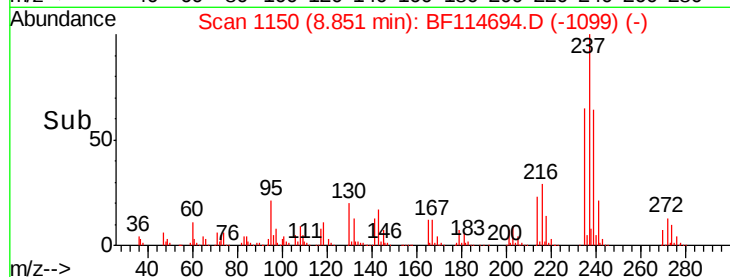
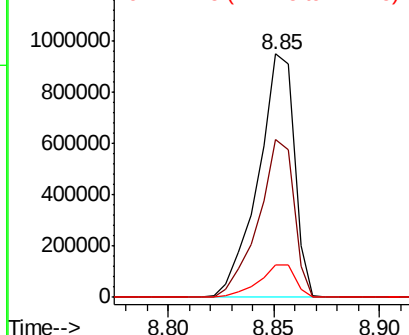
237 100

235 64.7 44.1 84.1

272 13.3 0.0 33.0



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: 112.404 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

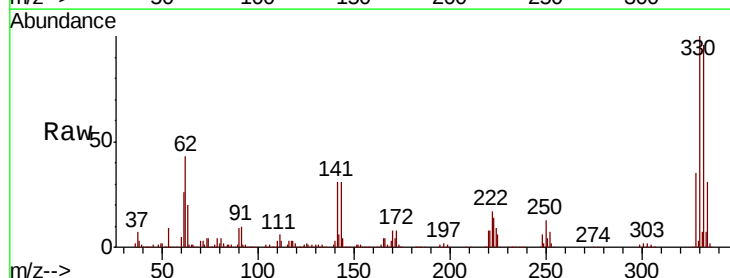
Tgt Ion:330 Resp: 959258

Ion Ratio Lower Upper

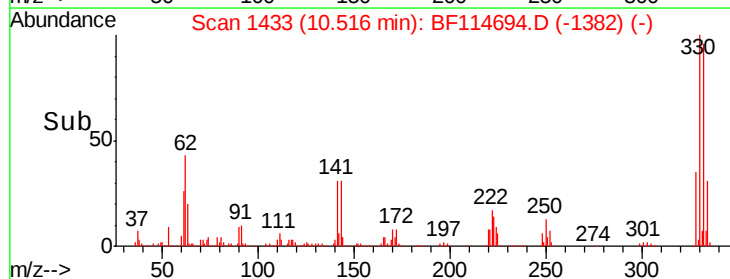
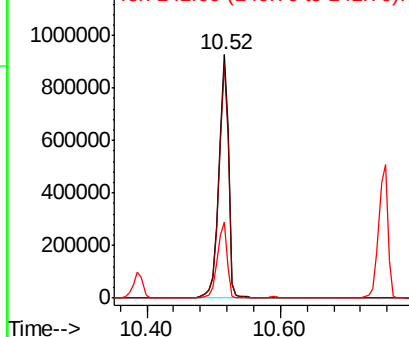
330 100

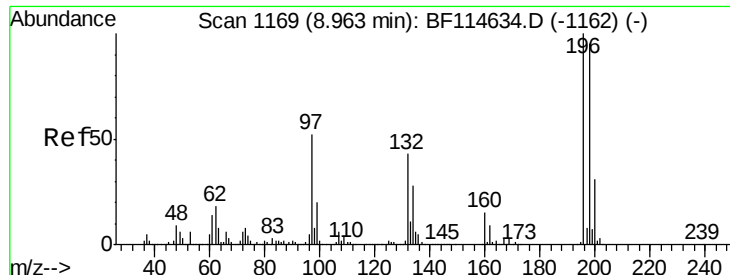
332 95.2 77.1 115.7

141 31.7 26.2 39.2



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

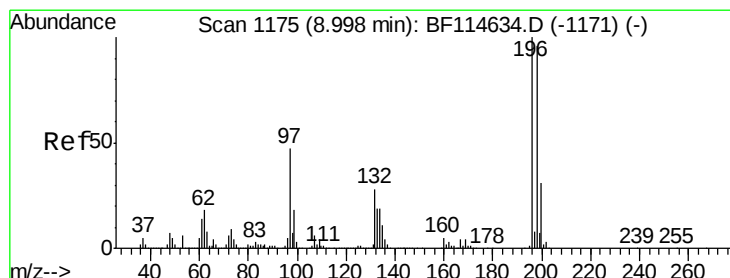
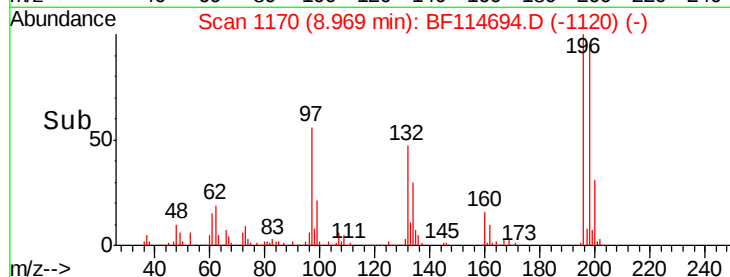
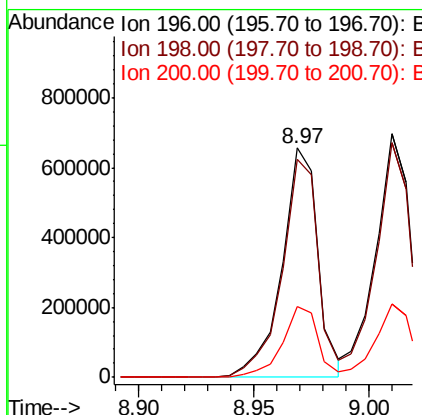
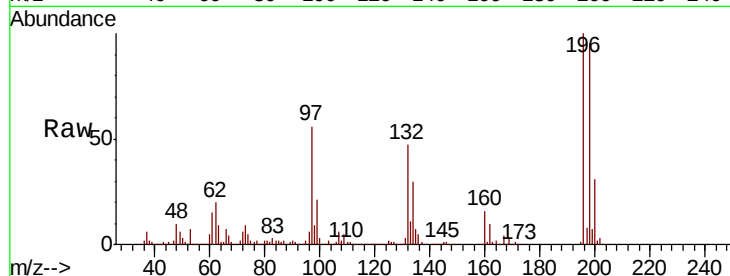




#43
2,4,6-Trichlorophenol
Concen: 37.615 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

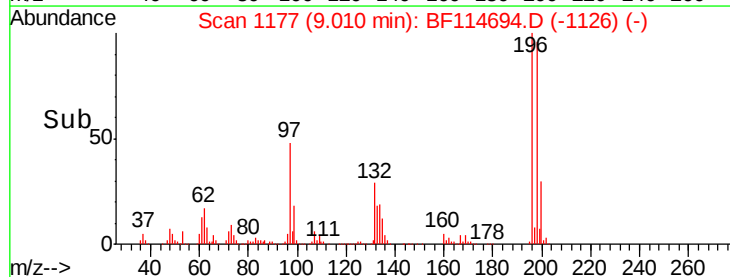
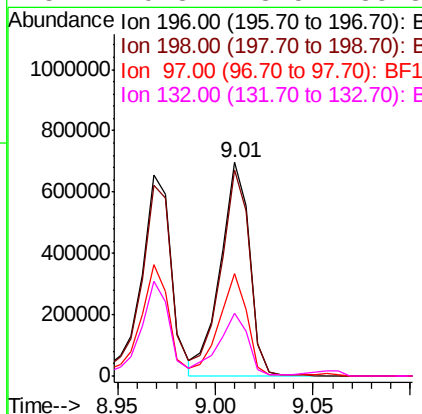
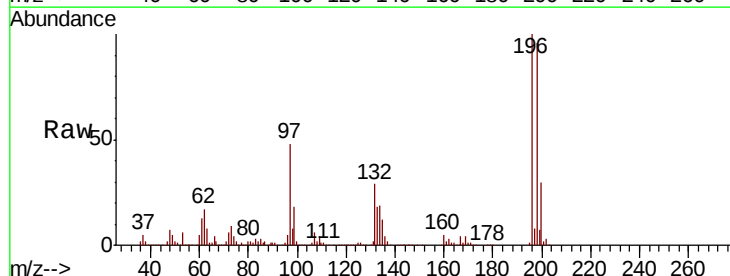
Instrument :
BNA_F
ClientSampled :

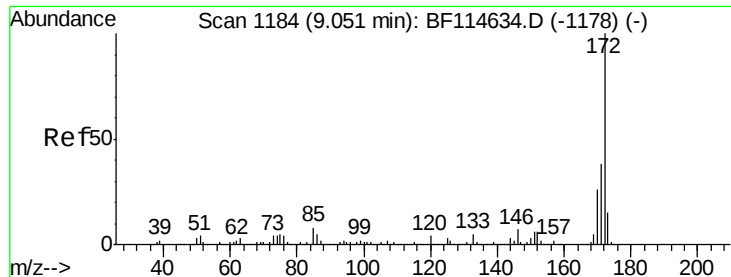
Tot Ion:196 Resp: 705930
Ion Ratio Lower Upper
196 100
198 95.0 77.0 115.6
200 30.8 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 38.438 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:196 Resp: 719856
Ion Ratio Lower Upper
196 100
198 96.4 76.3 114.5
97 47.7 37.8 56.8
132 29.3 23.5 35.3

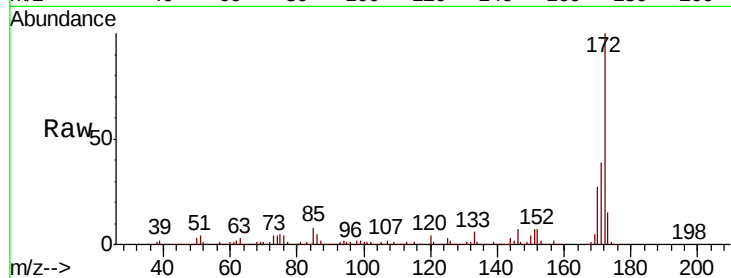




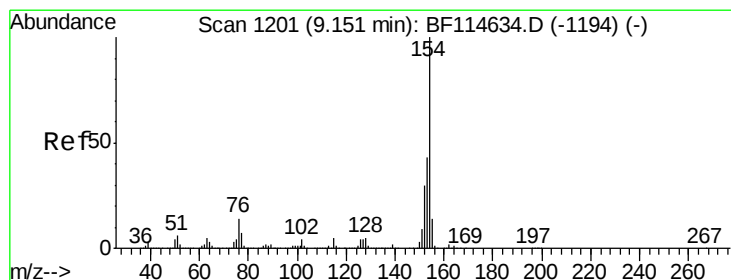
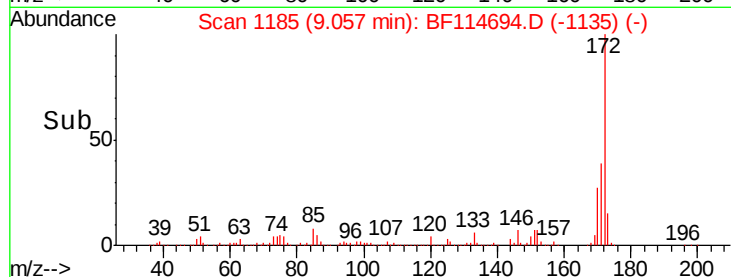
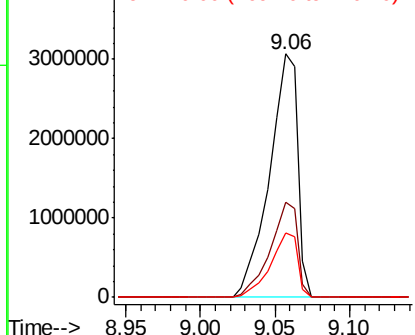
#45
 2-Fluorobiphenyl
 Concen: 84.875 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 4047851
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.6 47.4
 170 26.6 21.5 32.3

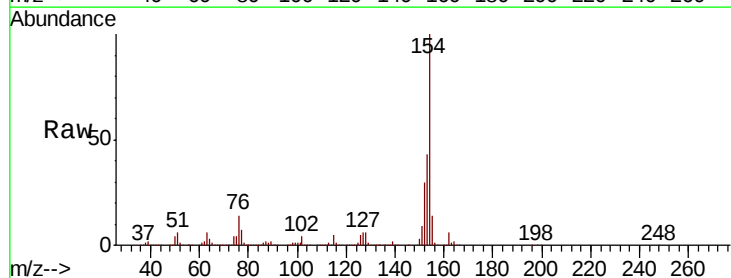


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

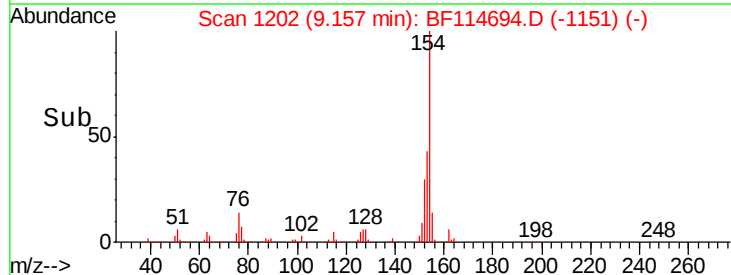
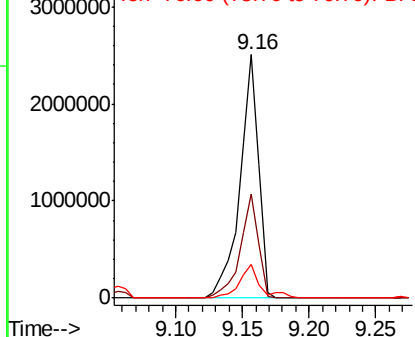


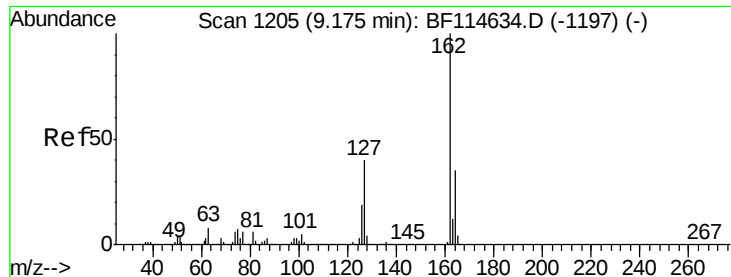
#46
 1,1'-Biphenyl
 Concen: 36.527 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:154 Resp: 2428489
 Ion Ratio Lower Upper
 154 100
 153 43.0 23.3 63.3
 76 13.7 0.0 34.4



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

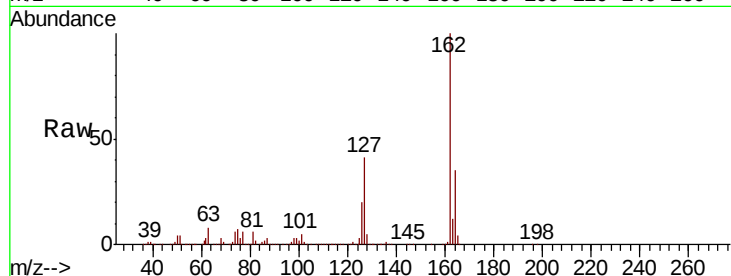




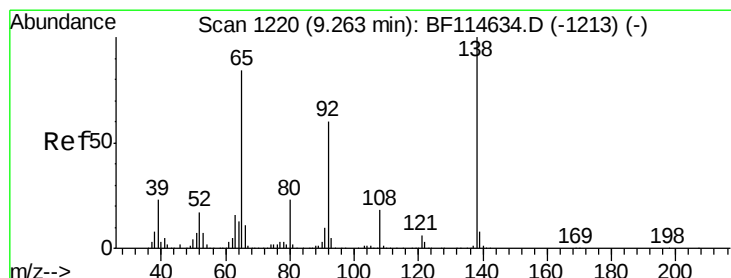
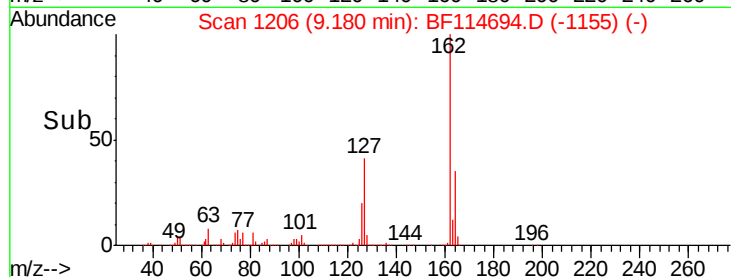
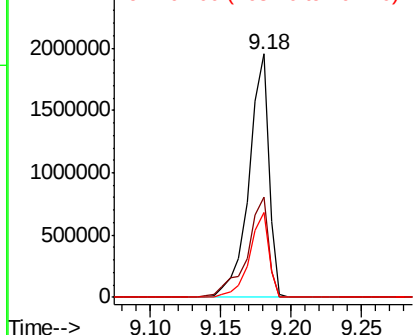
#47
2-Chloronaphthalene
Concen: 35.513 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1936763
Ion Ratio Lower Upper
162 100
127 41.3 34.8 52.2
164 34.9 28.5 42.7

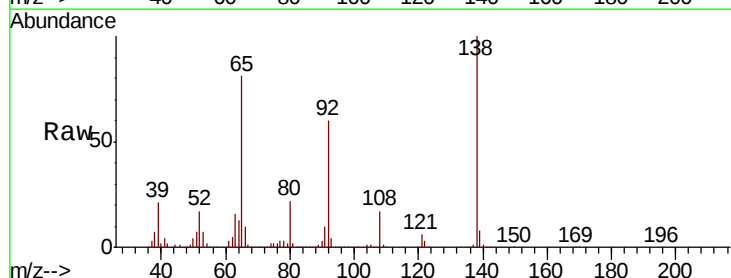


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

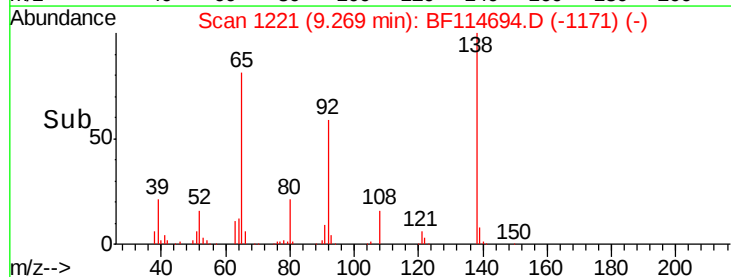
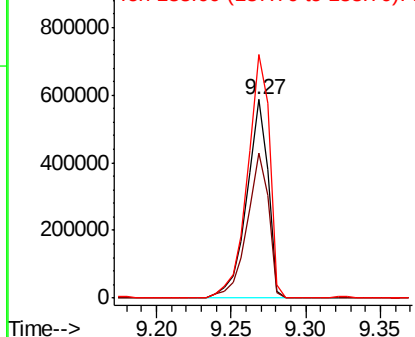


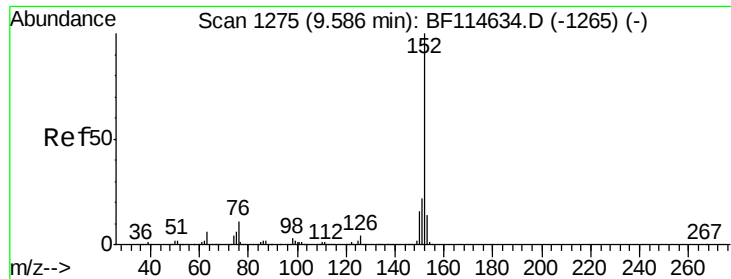
#48
2-Nitroaniline
Concen: 34.455 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion: 65 Resp: 579872
Ion Ratio Lower Upper
65 100
92 73.1 60.2 90.4
138 122.8 107.2 160.8



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: 35.426 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

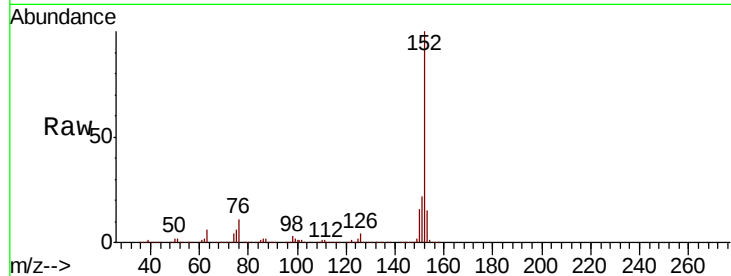
Tot Ion:152 Resp: 2984753

Ion Ratio Lower Upper

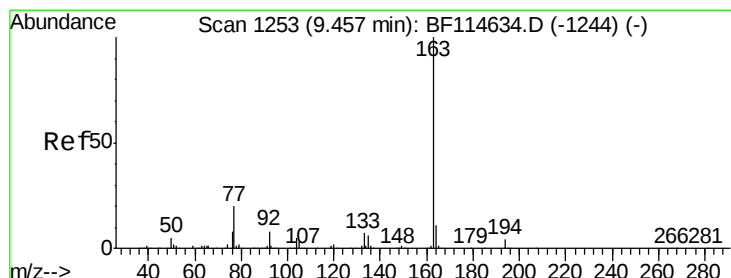
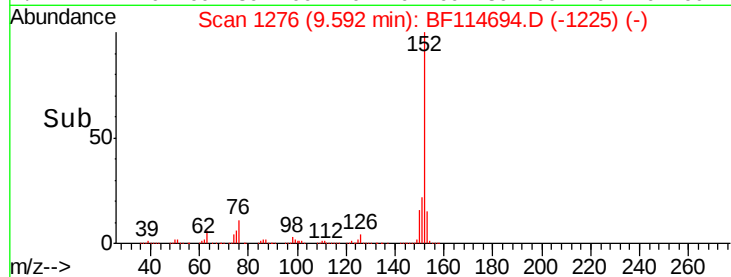
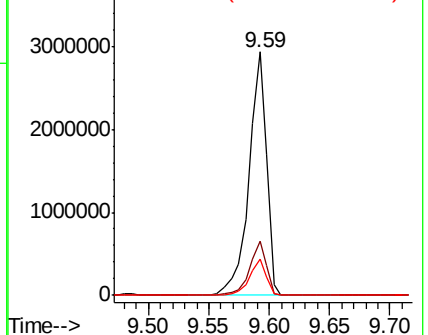
152 100

151 22.4 18.3 27.5

153 14.8 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.030 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

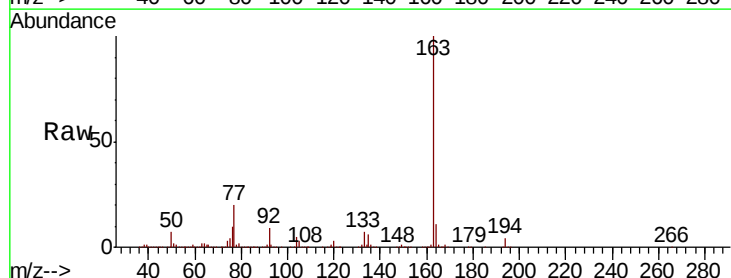
Tgt Ion:163 Resp: 2248626

Ion Ratio Lower Upper

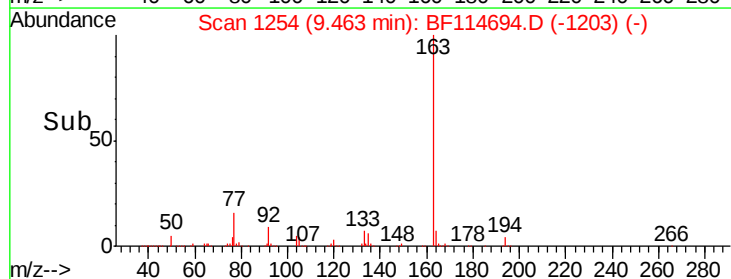
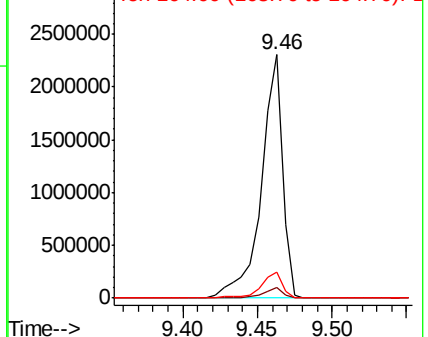
163 100

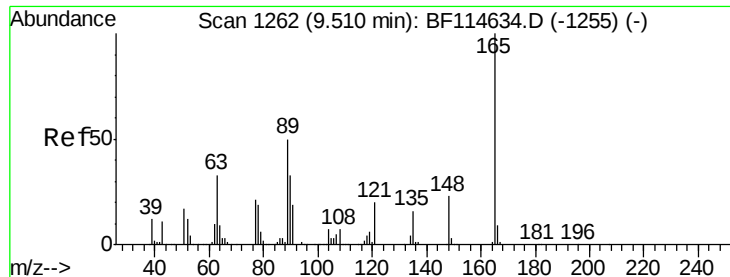
194 4.4 3.4 5.2

164 10.9 9.1 13.7



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

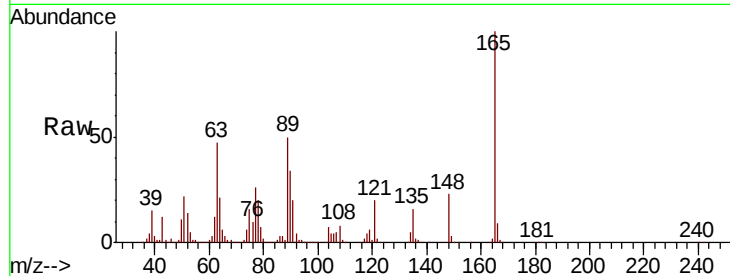




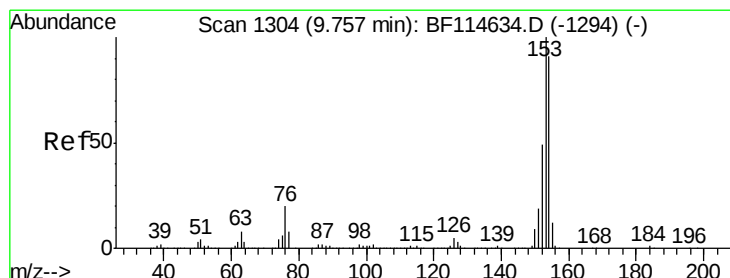
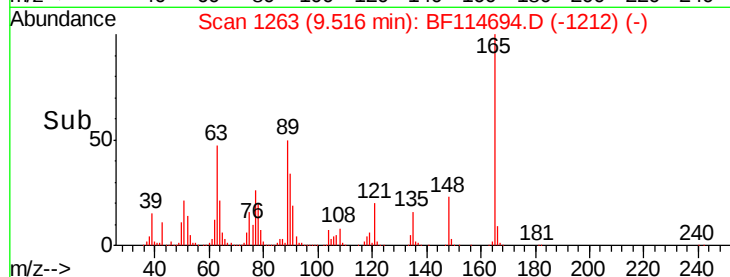
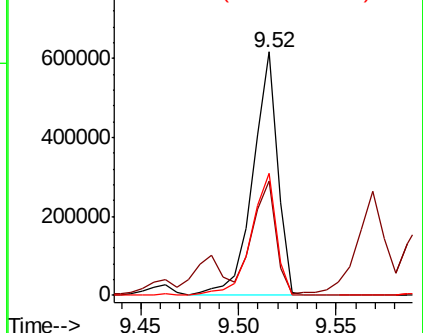
#51
 2,6-Dinitrotoluene
 Concen: 37.426 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 542733
 Ion Ratio Lower Upper
 165 100
 63 47.2 40.7 61.1
 89 50.1 42.6 63.8

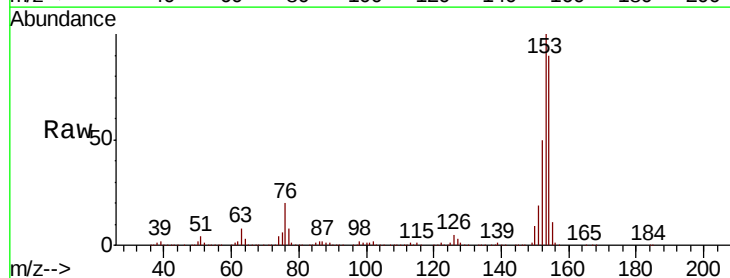


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

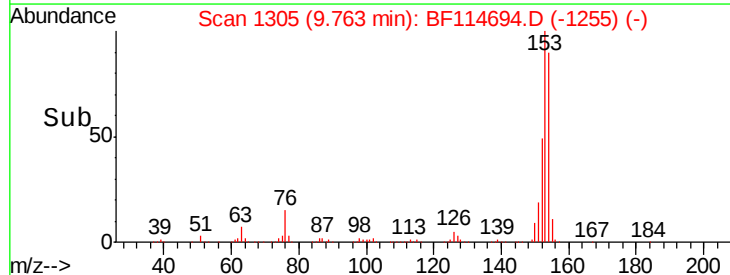
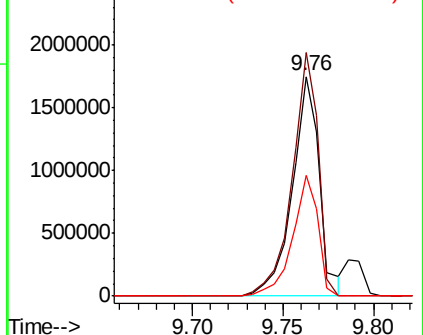


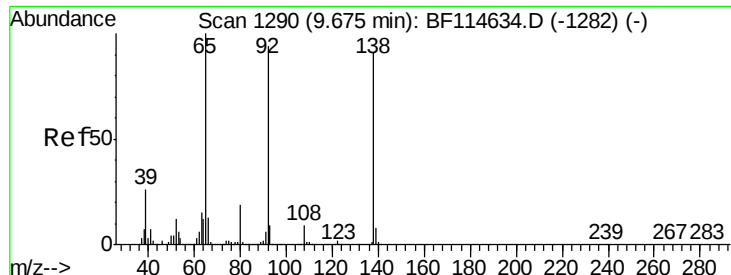
#52
 Acenaphthene
 Concen: 35.490 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:154 Resp: 1833787
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.0 133.6
 152 55.0 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

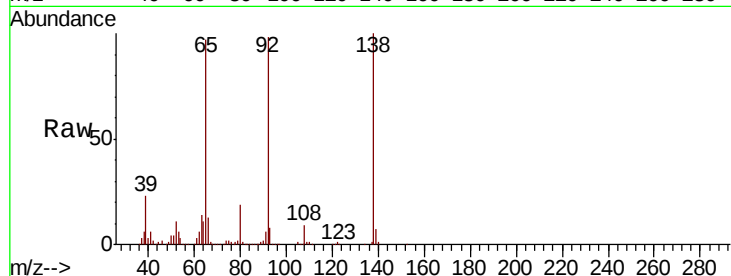




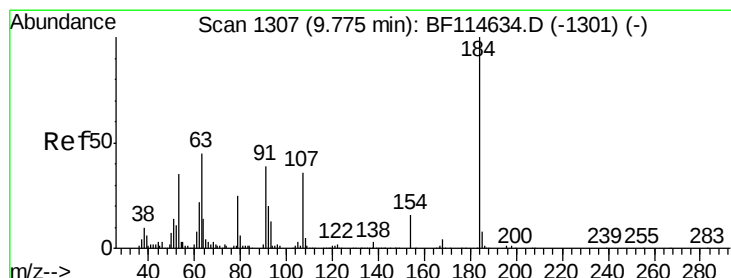
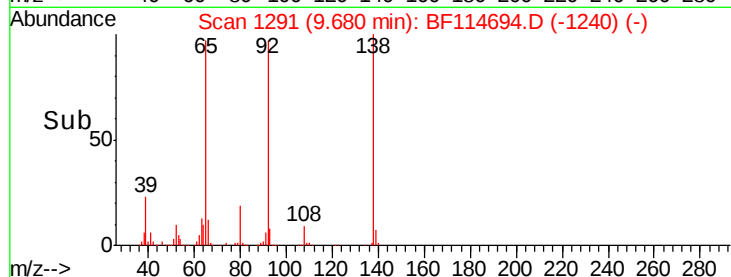
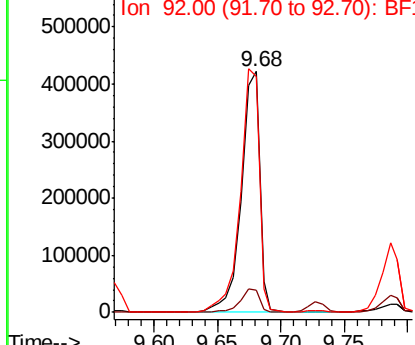
#53
3-Nitroaniline
Concen: 23.783 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 422104
Ion Ratio Lower Upper
138 100
108 9.4 8.1 12.1
92 97.9 84.2 126.4

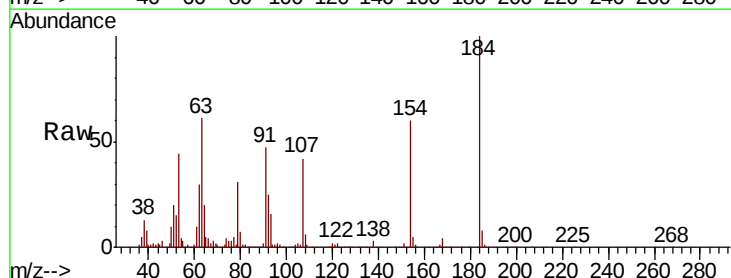


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

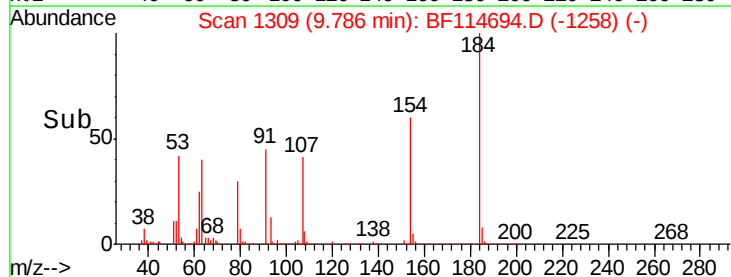
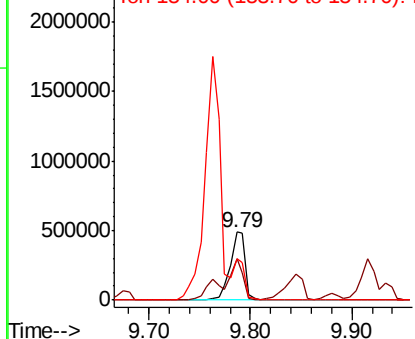


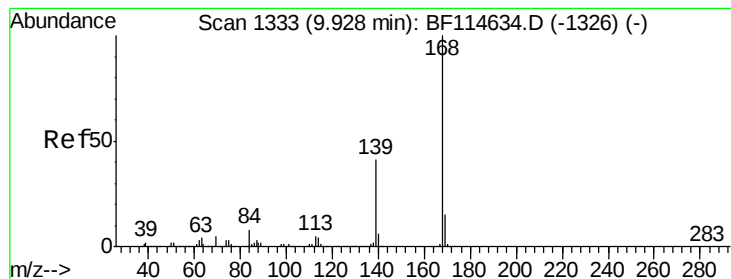
#54
2,4-Dinitrophenol
Concen: 88.724 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:184 Resp: 507506
Ion Ratio Lower Upper
184 100
63 61.1 47.2 70.8
154 60.2 46.7 70.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 35.467 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

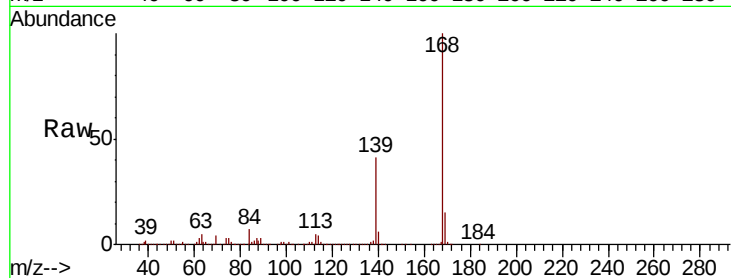
Tot Ion:168 Resp: 2608612

Ion Ratio Lower Upper

168 100

139 41.2 32.2 48.4

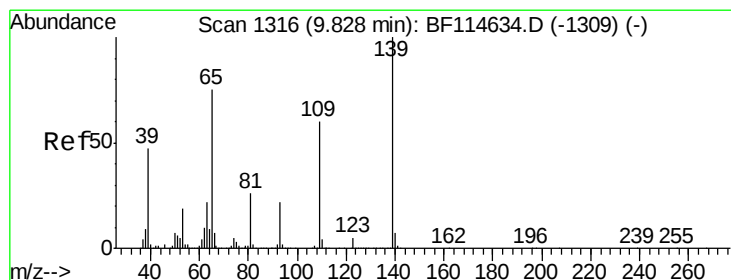
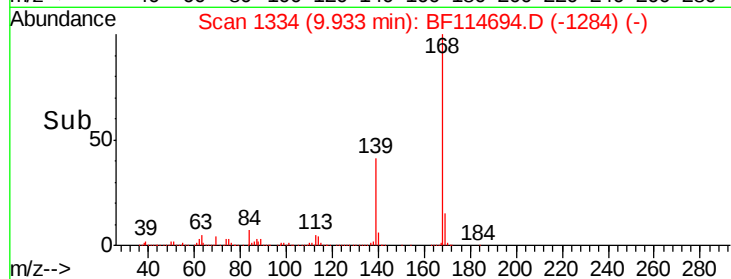
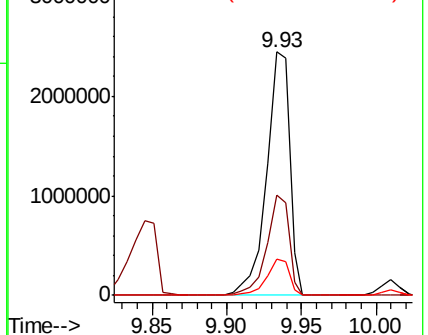
169 14.9 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.767 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

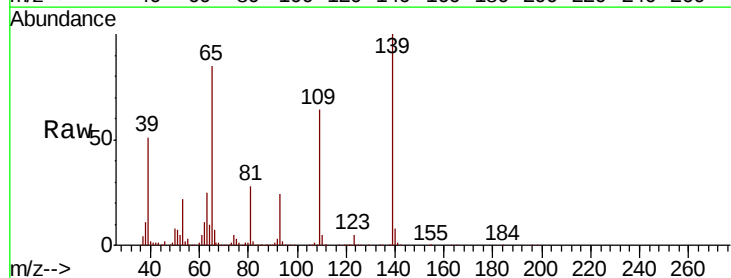
Tgt Ion:139 Resp: 943923

Ion Ratio Lower Upper

139 100

109 63.8 41.9 81.9

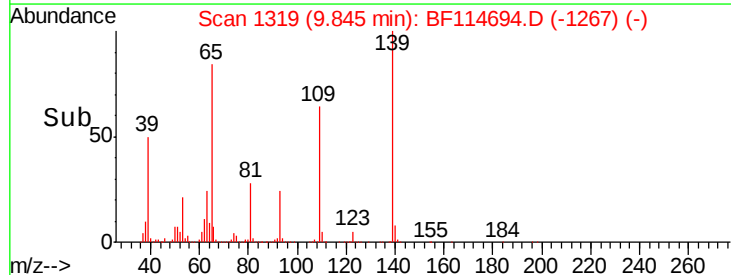
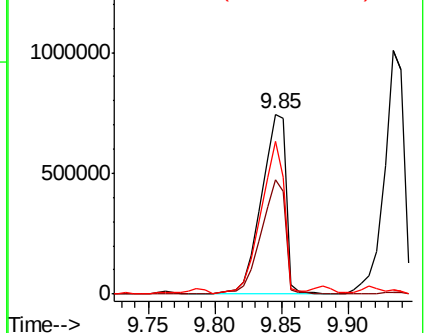
65 84.5 62.7 102.7

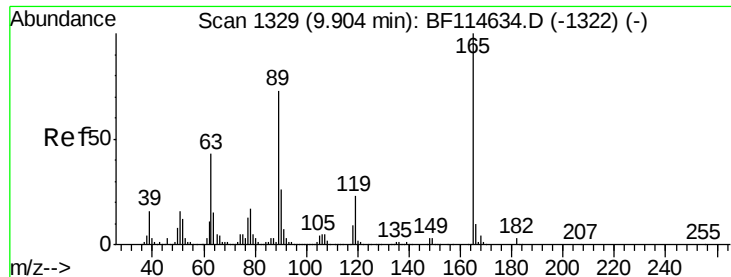


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

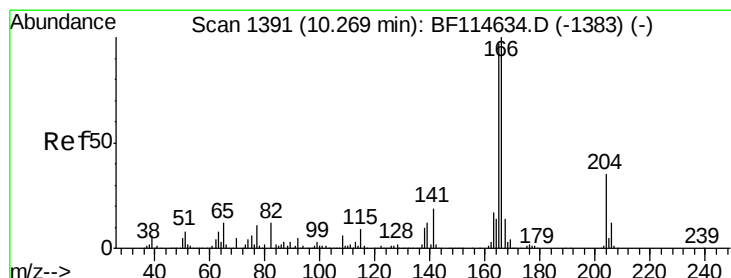
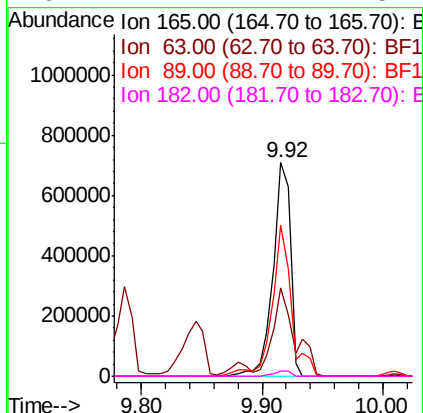
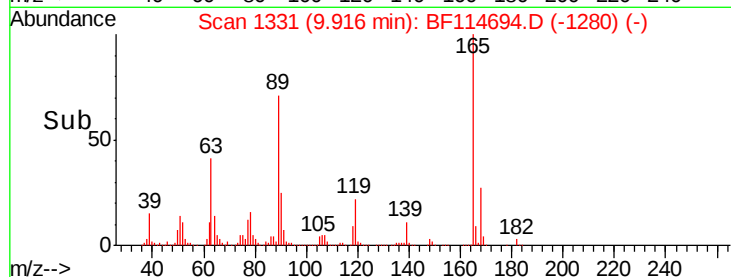
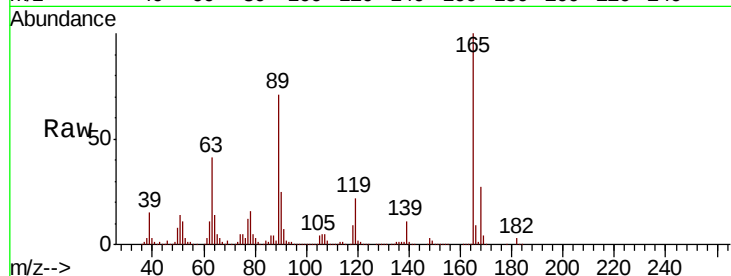




#57
2,4-Dinitrotoluene
Concen: 37.829 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

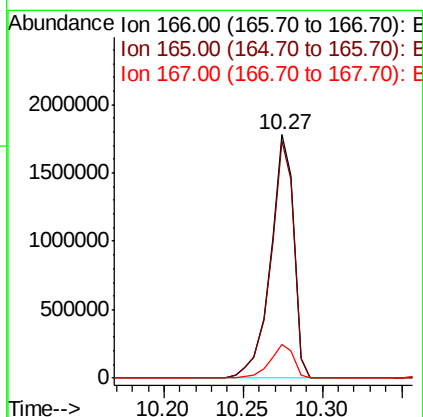
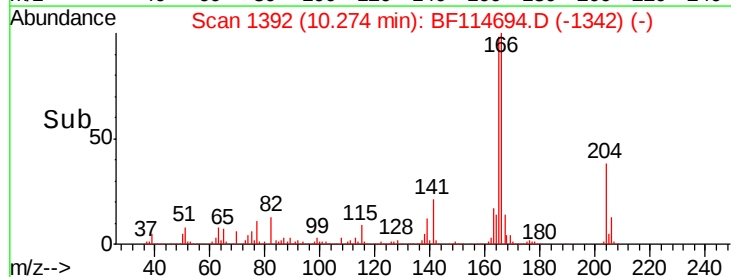
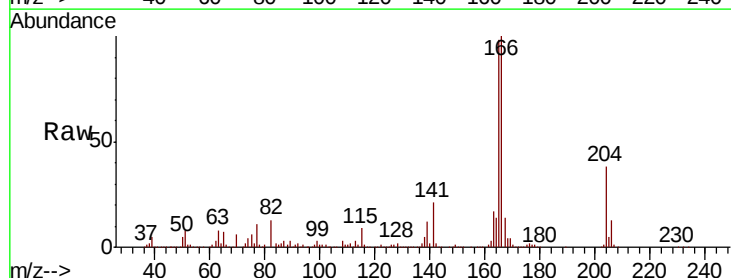
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 704051
Ion Ratio Lower Upper
165 100
63 41.4 32.5 48.7
89 70.9 54.9 82.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 34.926 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:166 Resp: 1810696
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 14.1 10.7 16.1

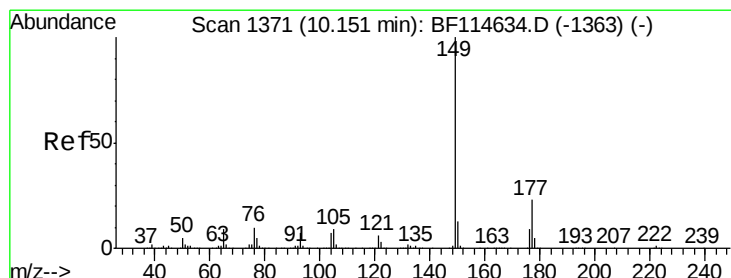
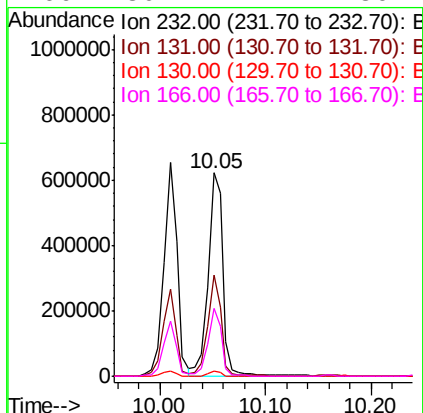
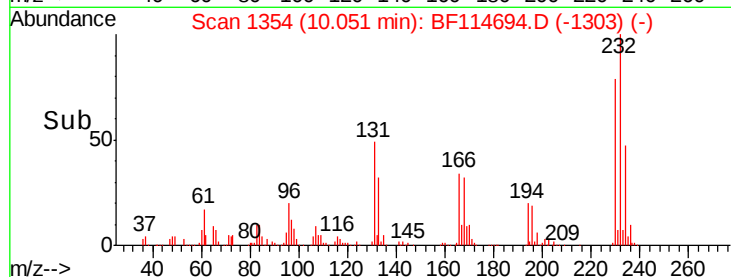
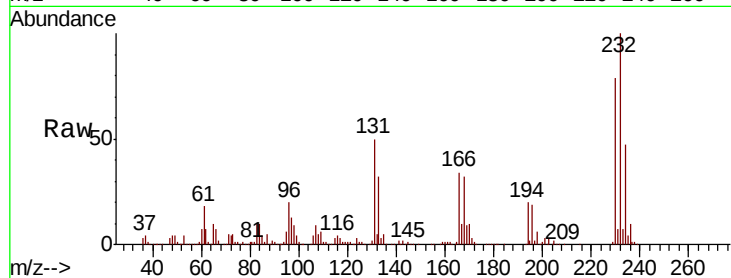




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.261 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

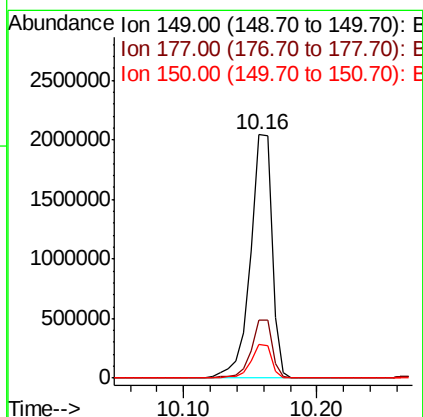
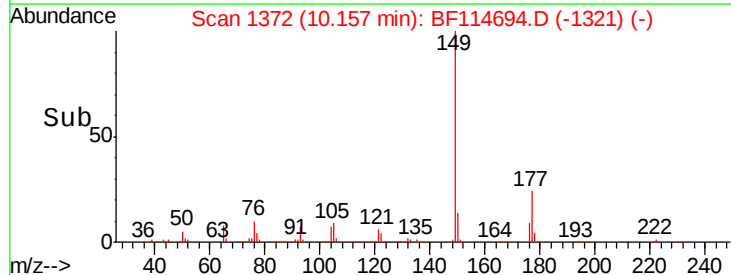
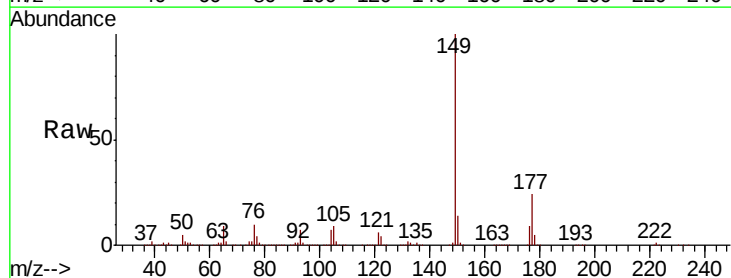
Instrument :
BNA_F
ClientSampled :

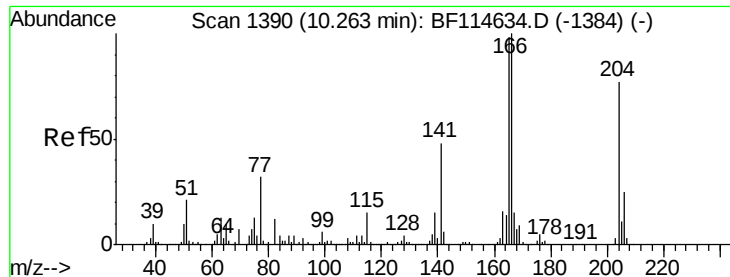
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	36.2	54.2
130	2.2	1.8	2.6
166	30.7	24.1	36.1



#60
Diethylphthalate
Concen: 35.270 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.6
150	13.7	10.9	16.3

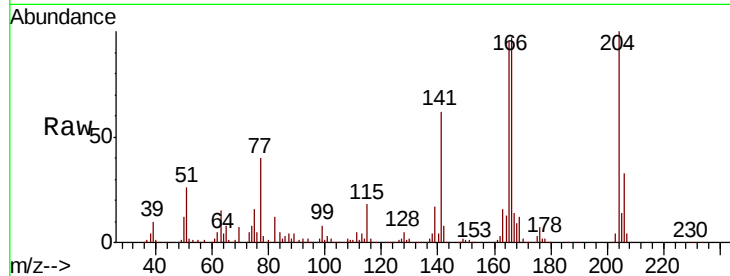




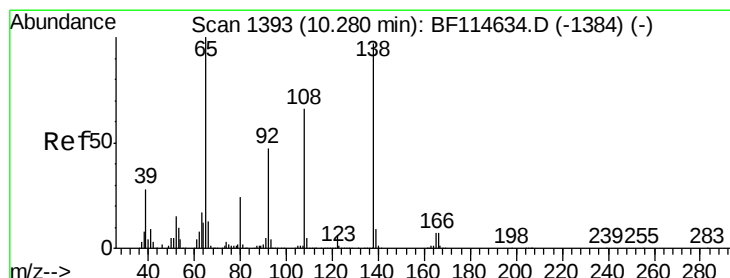
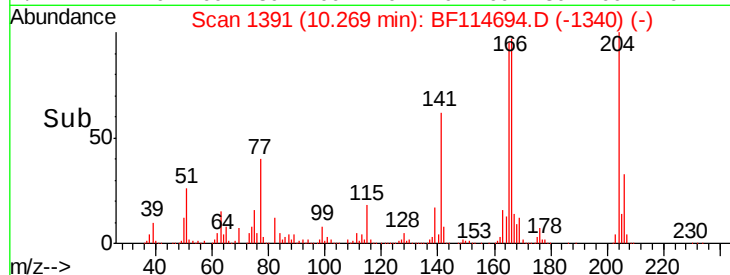
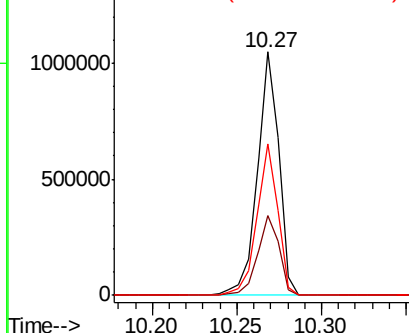
#61
4-Chlorophenyl-phenylether
Concen: 35.758 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 929356
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 62.3 50.2 75.4

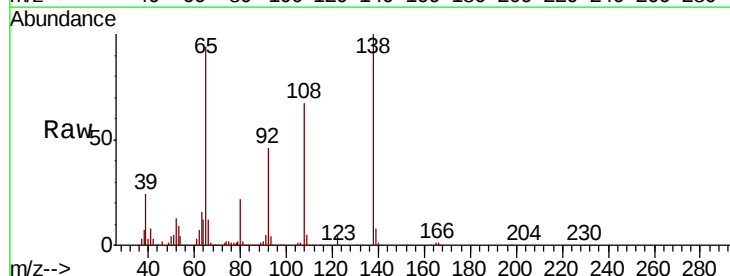


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

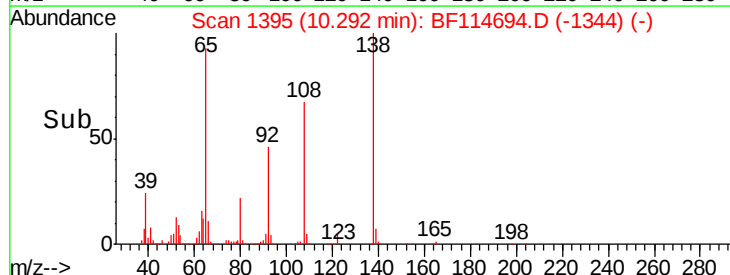
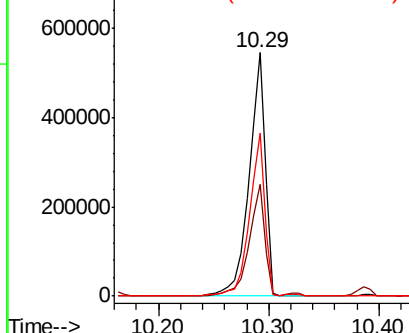


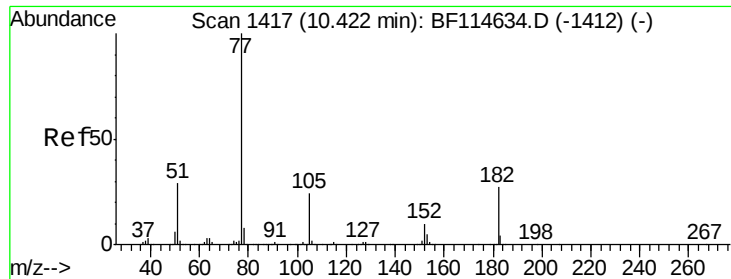
#62
4-Nitroaniline
Concen: 32.791 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:138 Resp: 567117
Ion Ratio Lower Upper
138 100
92 45.9 27.1 67.1
108 67.1 45.4 85.4



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





#63

Azobenzene

Concen: 34.451 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

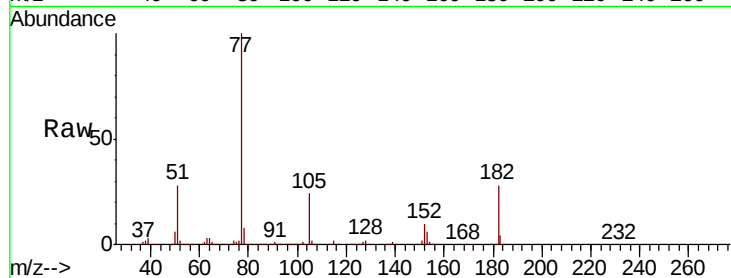
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2016116

Ion	Ratio	Lower	Upper
77	100		
182	28.0	8.1	48.1
105	23.9	4.7	44.7
51	28.1	8.6	48.6



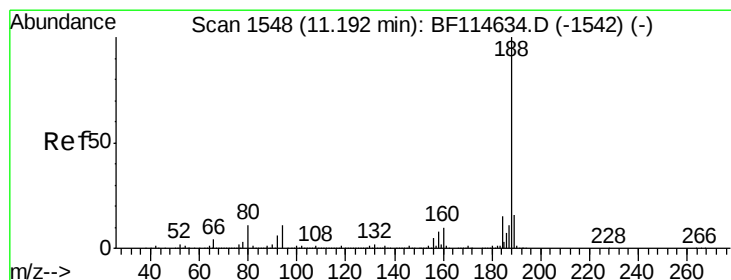
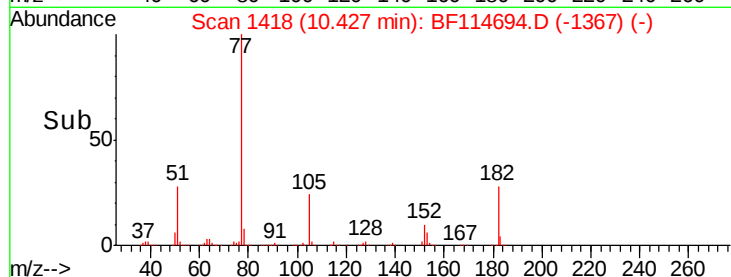
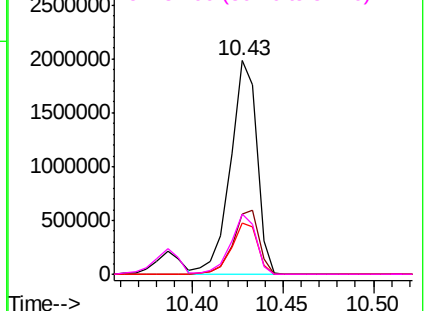
Abundance

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: 11.20 min Scan# 1550

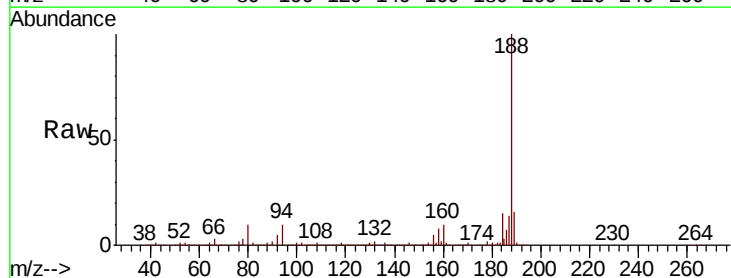
Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion: 188 Resp: 1644318

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.1	8.2	12.2

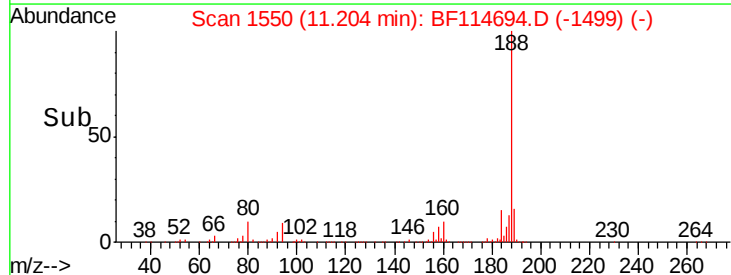
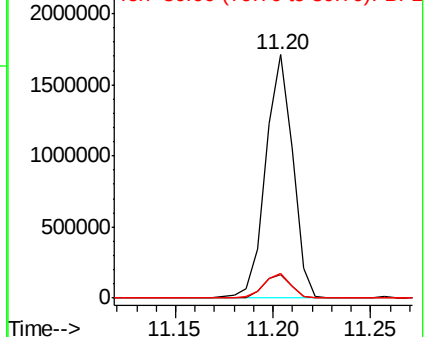


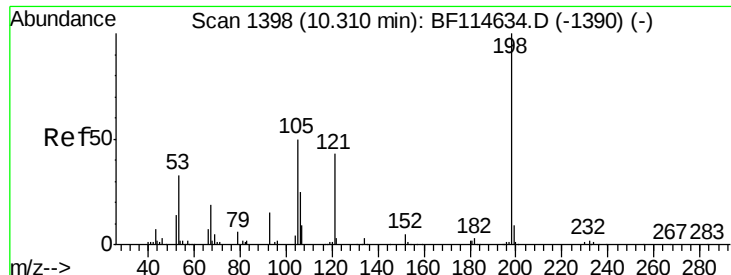
Abundance

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

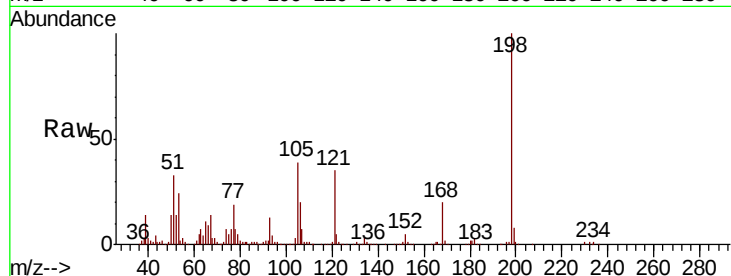




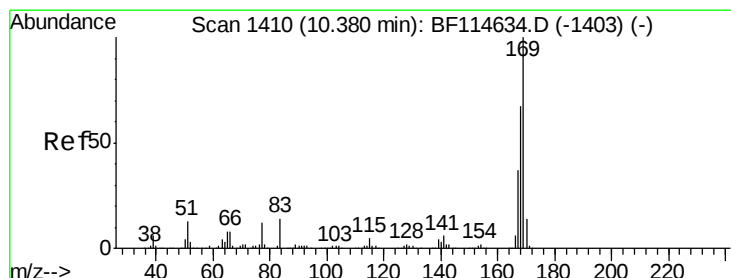
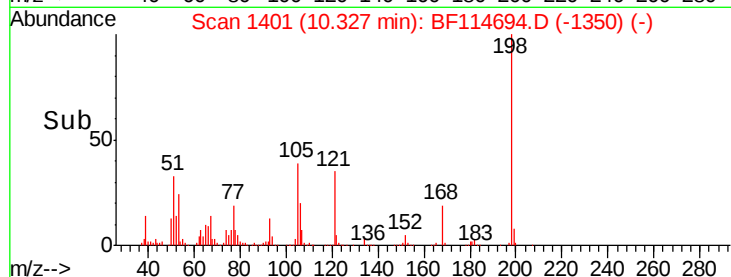
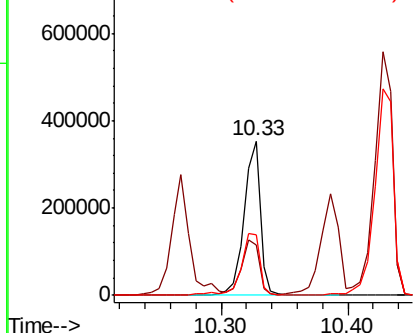
#65
4,6-Dinitro-2-methylphenol
Concen: 42.952 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 313170
Ion Ratio Lower Upper
198 100
51 32.7 16.4 56.4
105 39.3 21.6 61.6

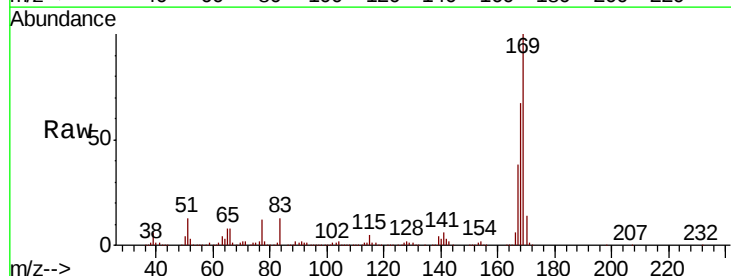


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

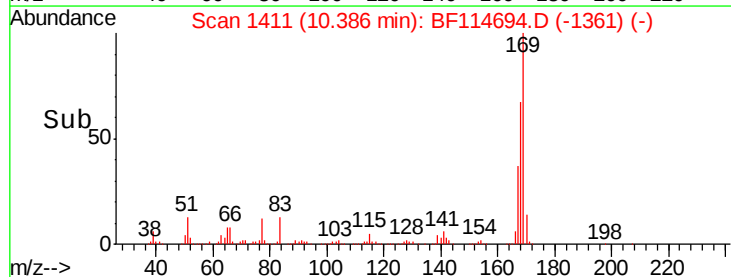
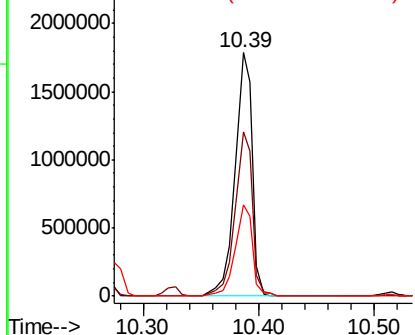


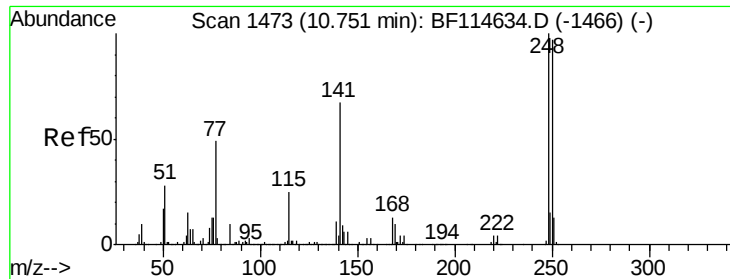
#66
n-Nitrosodiphenylamine
Concen: 37.651 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:169 Resp: 1829143
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 37.5 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

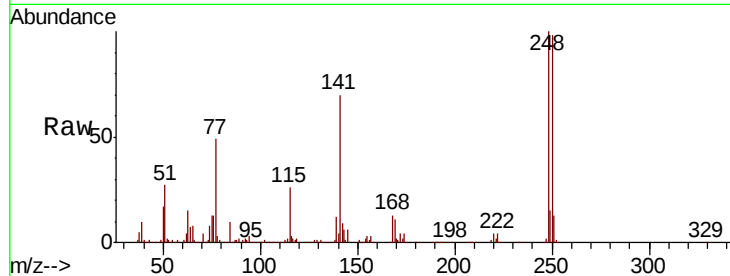




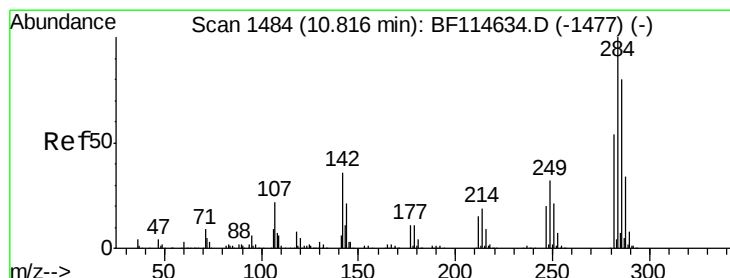
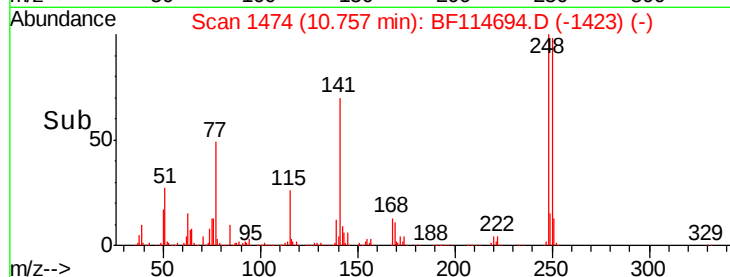
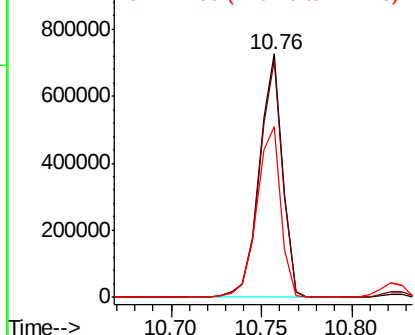
#67
4-Bromophenyl-phenylether
Concen: 36.505 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 643692
Ion Ratio Lower Upper
248 100
250 97.6 76.8 115.2
141 69.9 56.6 84.8

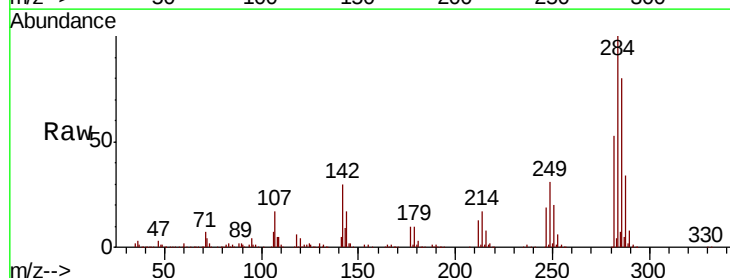


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

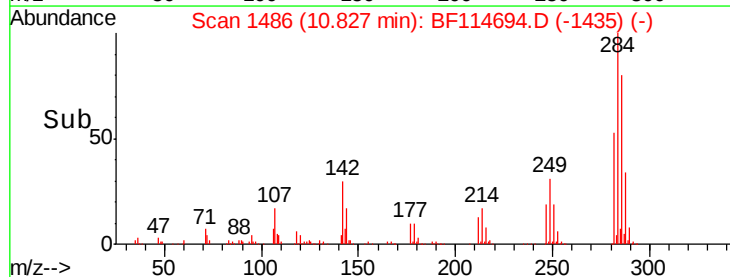
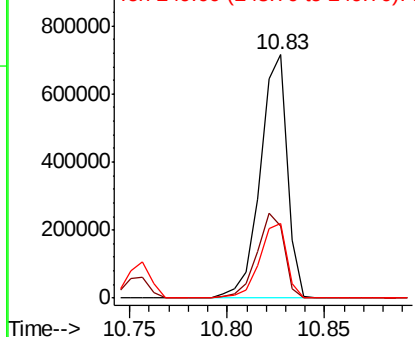


#68
Hexachlorobenzene
Concen: 35.911 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:284 Resp: 685863
Ion Ratio Lower Upper
284 100
142 29.9 25.0 37.6
249 30.9 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

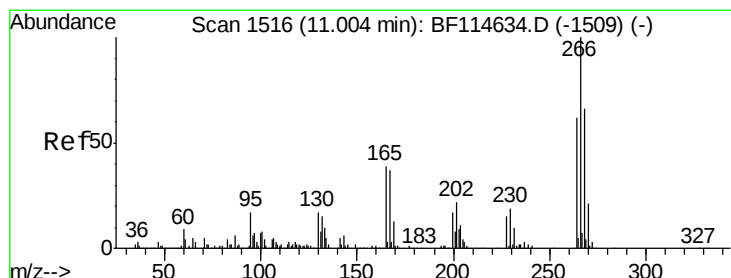
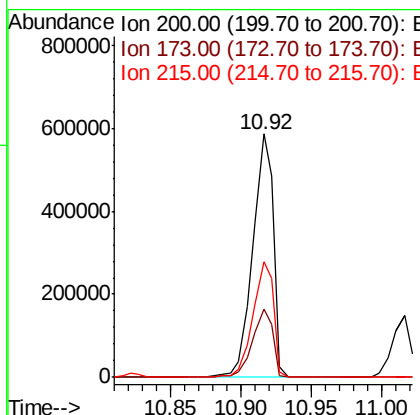
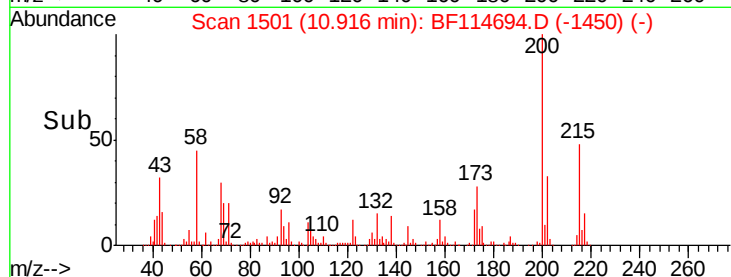
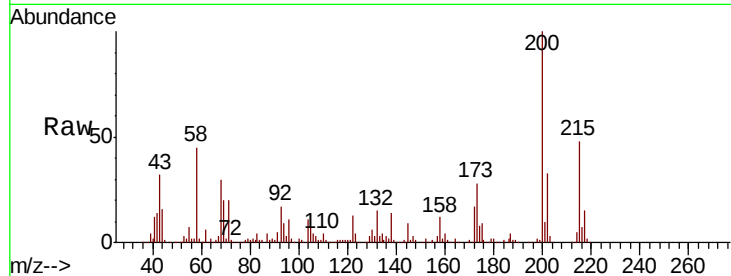




#69
Atrazine
Concen: 38.302 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

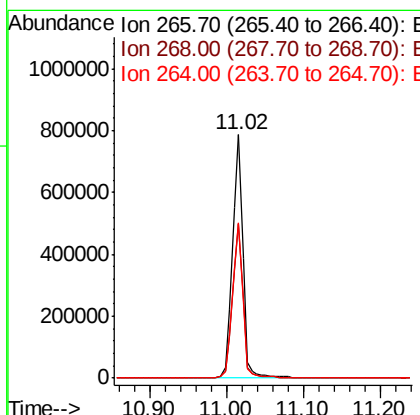
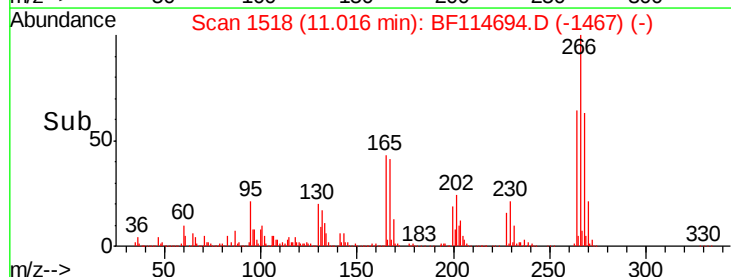
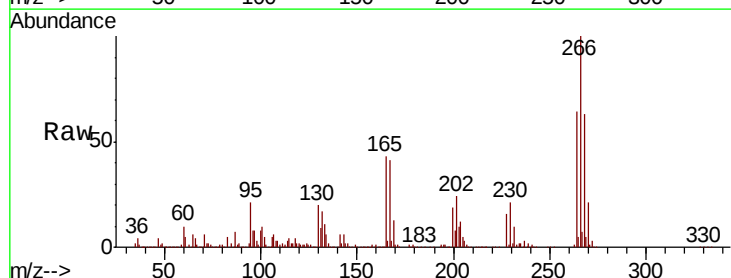
Instrument :
BNA_F
ClientSampleId :

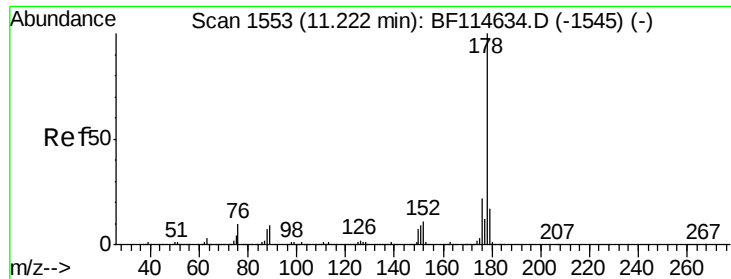
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.5	48.5
215	47.6	27.2	67.2



#70
Pentachlorophenol
Concen: 68.971 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.6	78.8
264	63.7	49.6	74.4

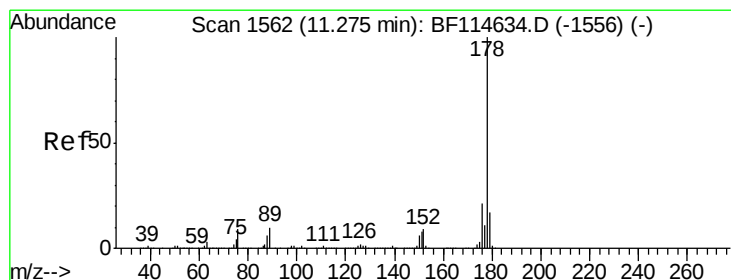
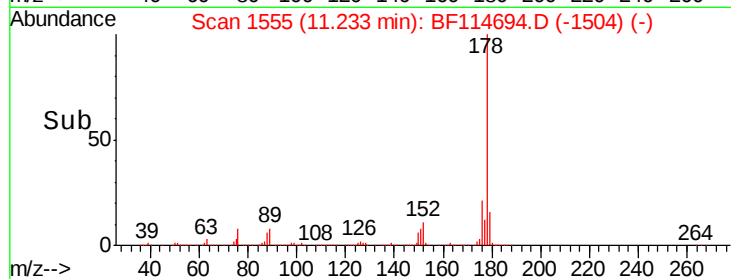
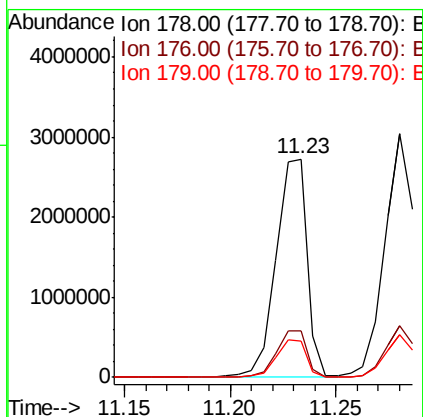
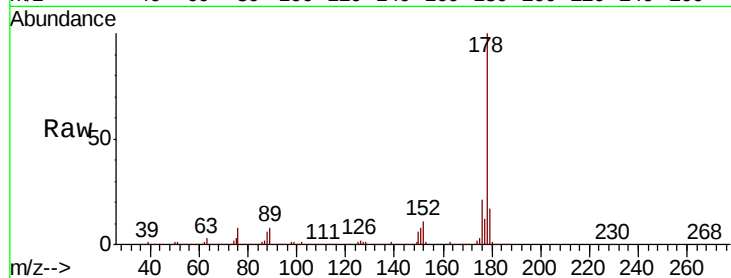




#71
Phenanthrene
Concen: 33.319 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

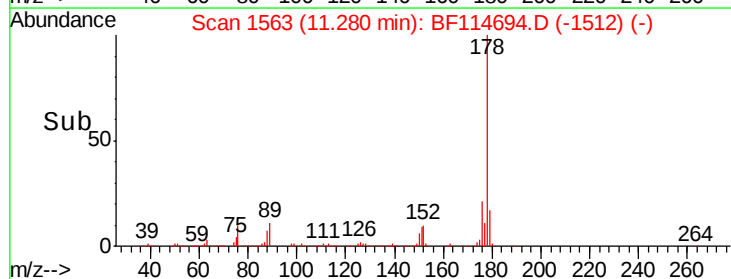
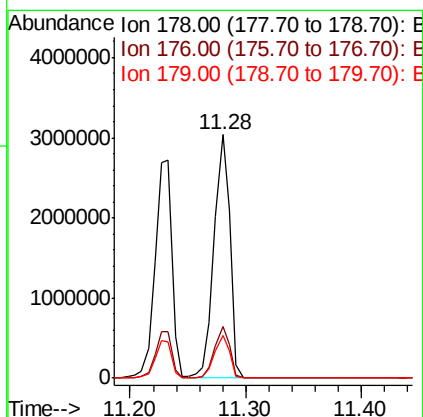
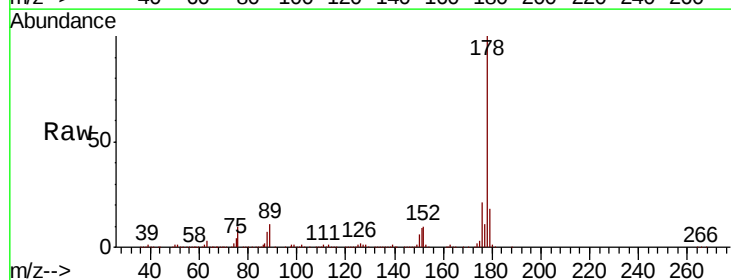
Instrument :
BNA_F
ClientSampleId :

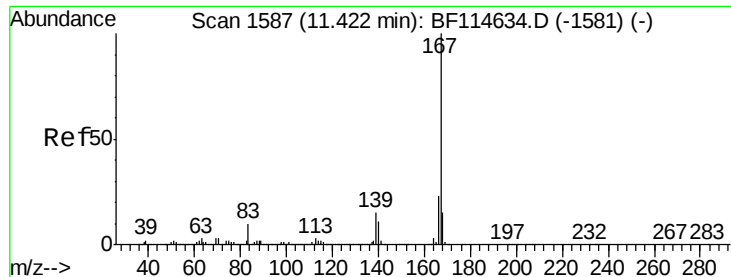
Tot Ion:178 Resp: 2794766
Ion Ratio Lower Upper
178 100
176 21.1 17.4 26.2
179 16.5 13.6 20.4



#72
Anthracene
Concen: 34.184 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:178 Resp: 2902026
Ion Ratio Lower Upper
178 100
176 21.2 17.1 25.7
179 17.5 14.2 21.2



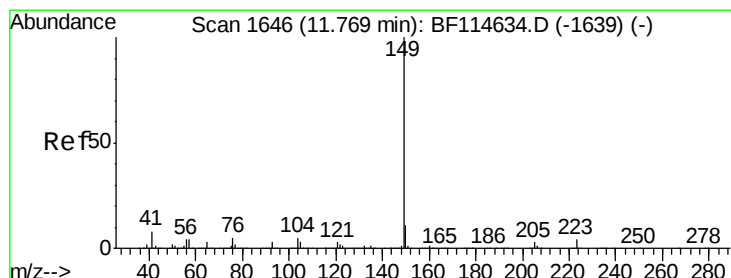
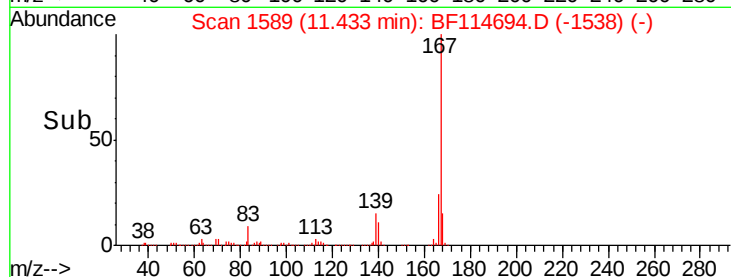
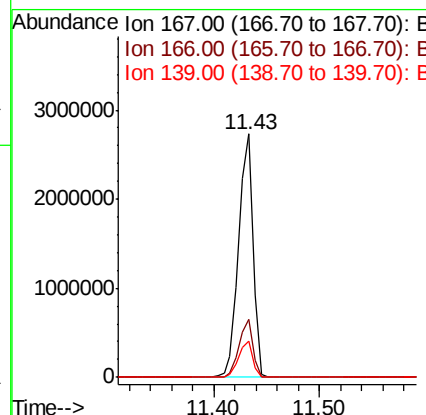
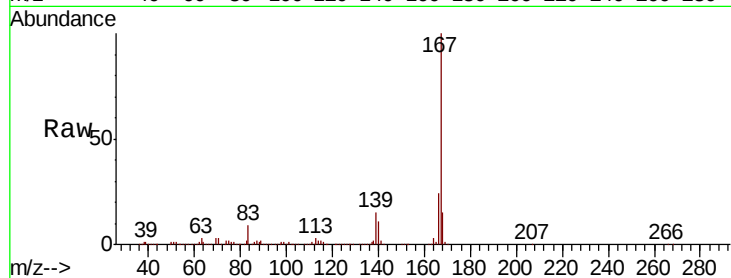


#73
 Carbazole
 Concen: 34.364 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2563902

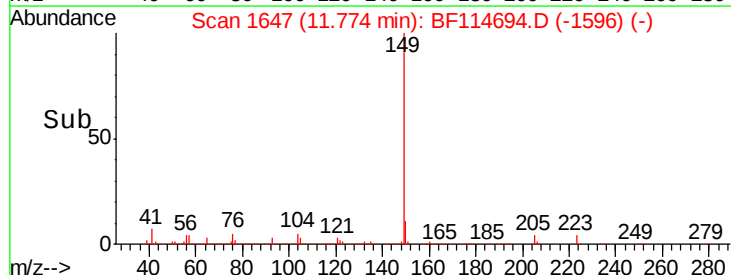
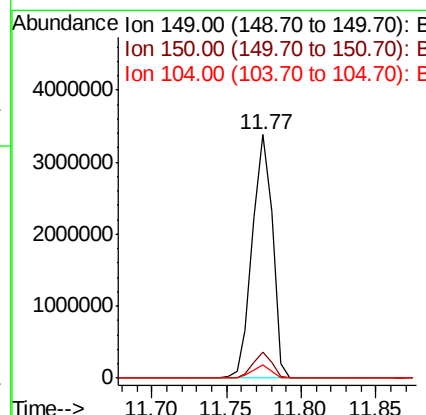
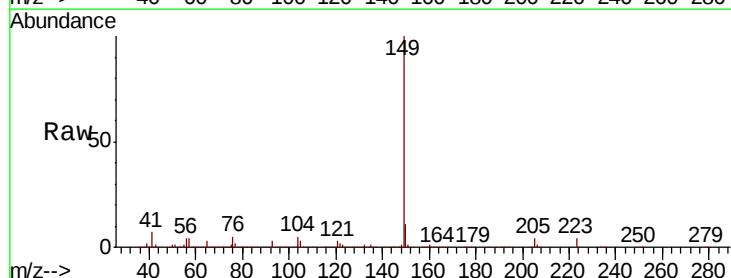
Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.0	28.4
139	14.6	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 32.472 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:149 Resp: 3147539

Ion	Ratio	Lower	Upper
149	100		
150	10.8	9.0	13.6
104	5.4	4.6	6.8





#75

Fluoranthene

Concen: 32.015 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

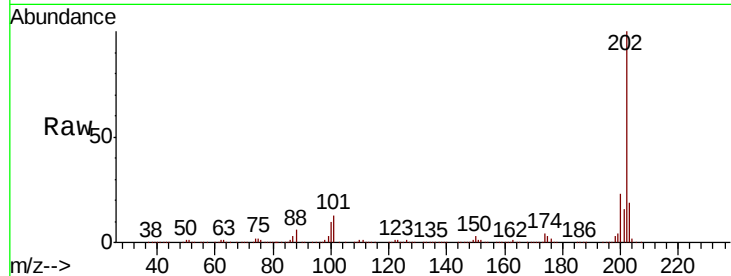
Tot Ion:202 Resp: 2780670

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.5

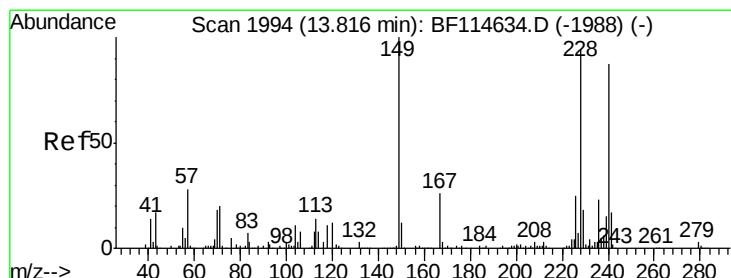
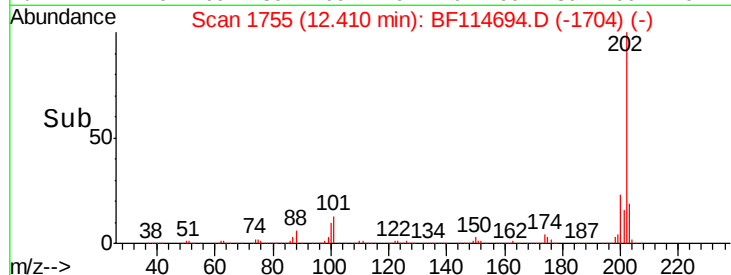
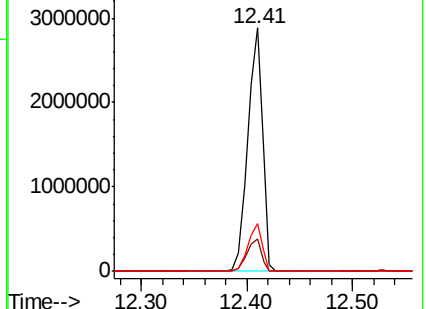
203 19.4 0.1 40.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

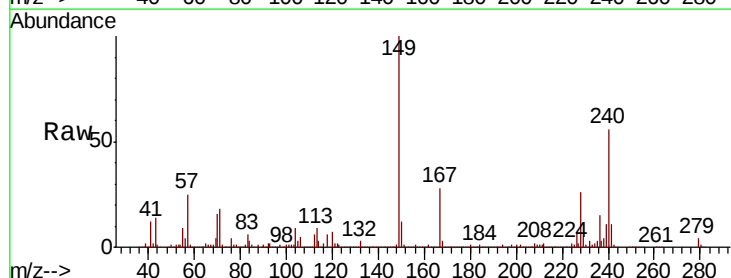
Tgt Ion:240 Resp: 876513

Ion Ratio Lower Upper

240 100

120 12.4 10.8 16.2

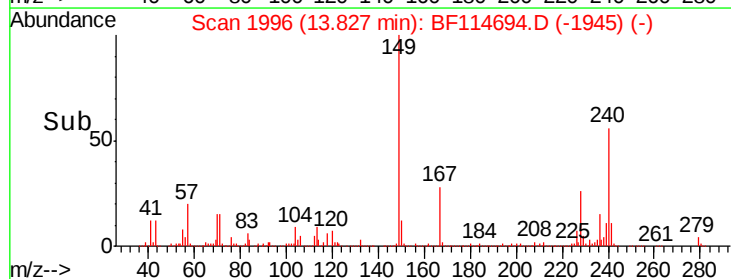
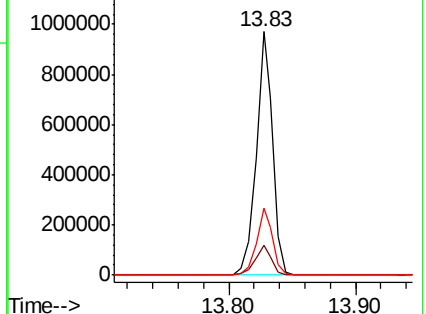
236 27.5 21.9 32.9

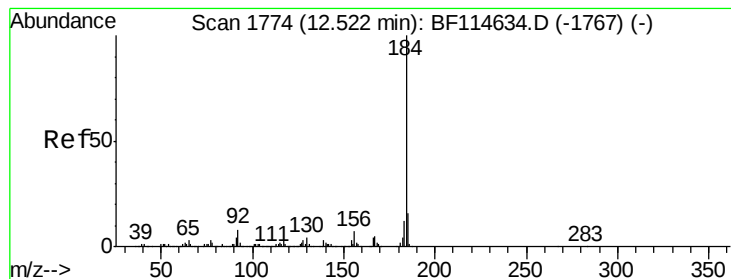


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.756 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

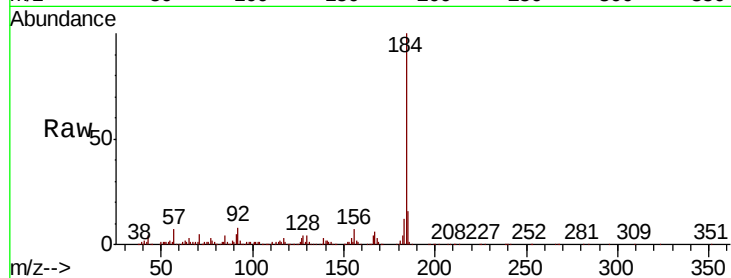
Tot Ion:184 Resp: 1687573

Ion Ratio Lower Upper

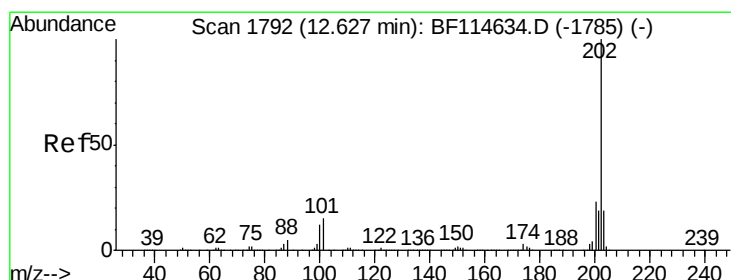
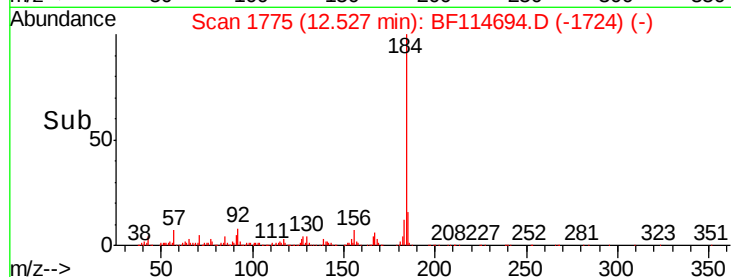
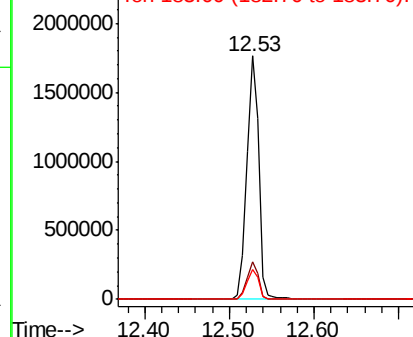
184 100

185 15.5 12.7 19.1

183 12.4 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: 37.377 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

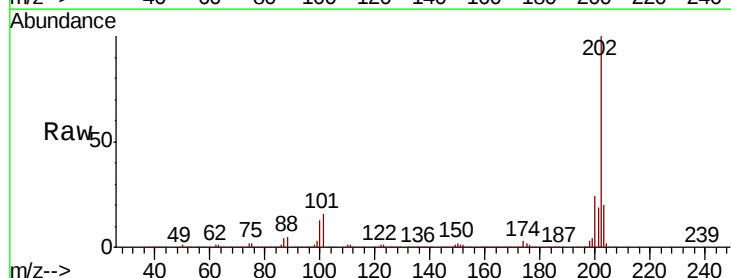
Tgt Ion:202 Resp: 2771352

Ion Ratio Lower Upper

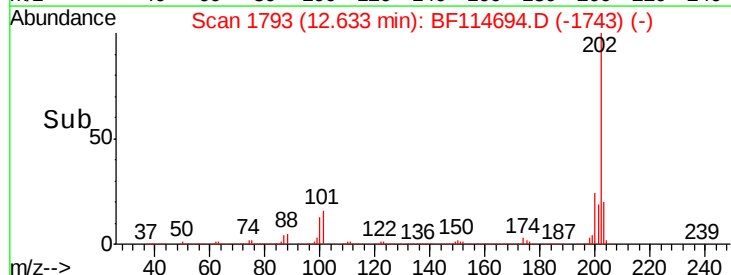
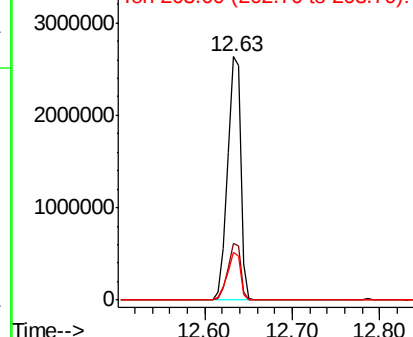
202 100

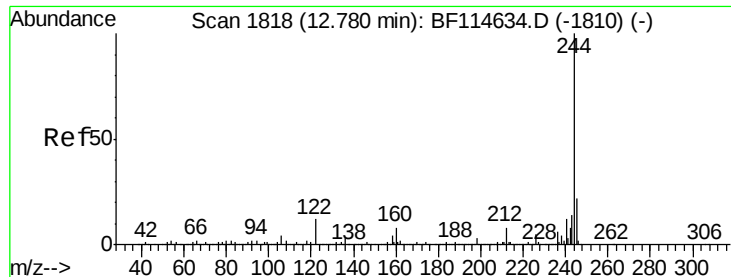
200 23.5 19.0 28.4

203 19.6 15.5 23.3



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: 84.672 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

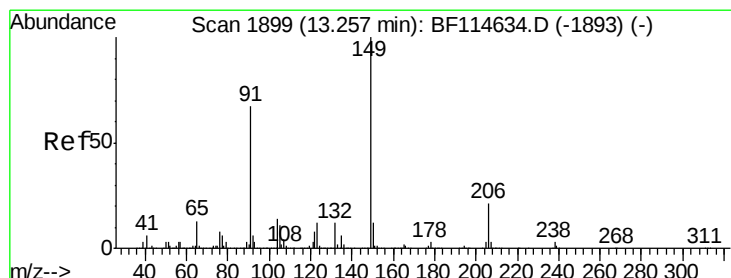
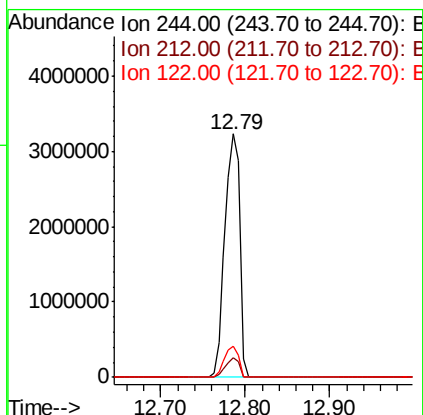
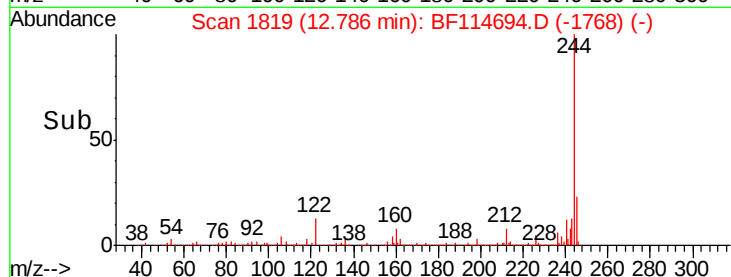
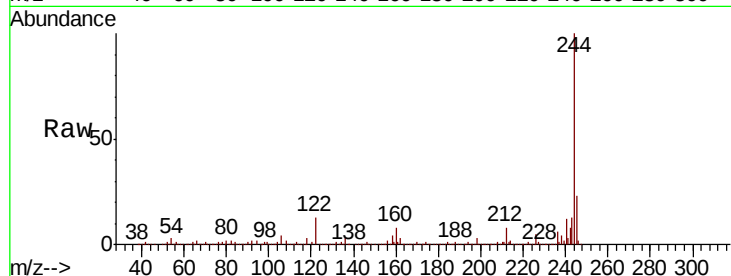
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3947347

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	13.0	10.2	15.2



#80

Butylbenzylphthalate

Concen: 37.266 ng

RT: 13.26 min Scan# 1900

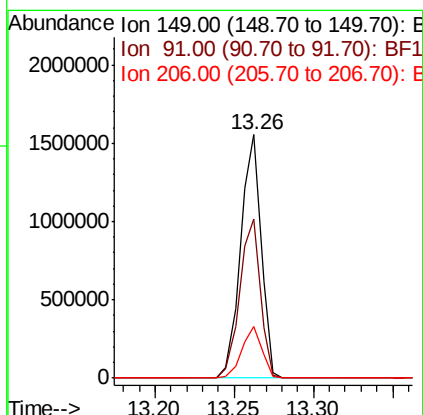
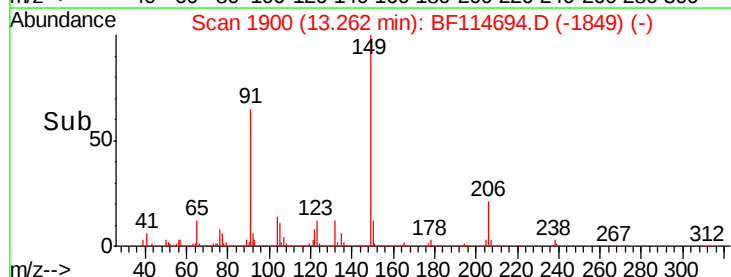
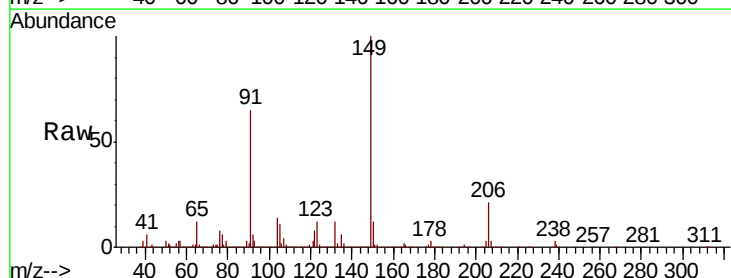
Delta R.T. -0.00 min

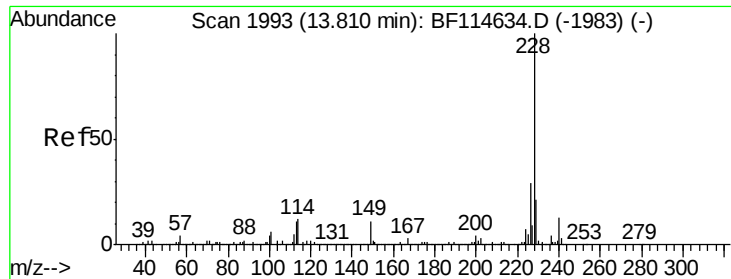
Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:149 Resp: 1388650

Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.6	80.4
206	21.3	17.1	25.7





#81

Benzo(a)anthracene

Concen: 33.039 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

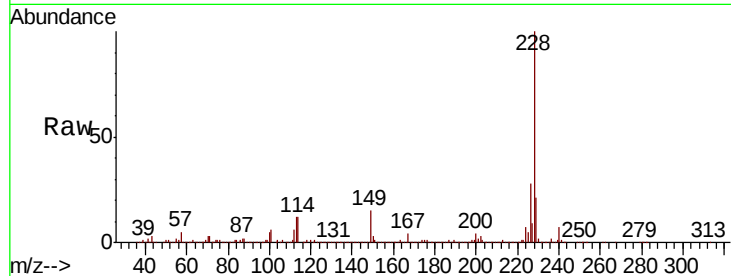
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2225375

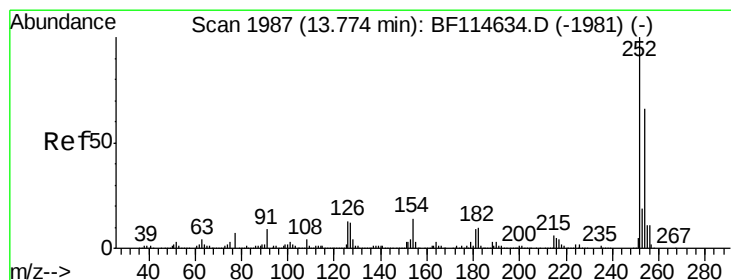
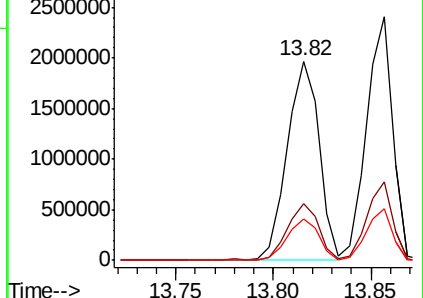
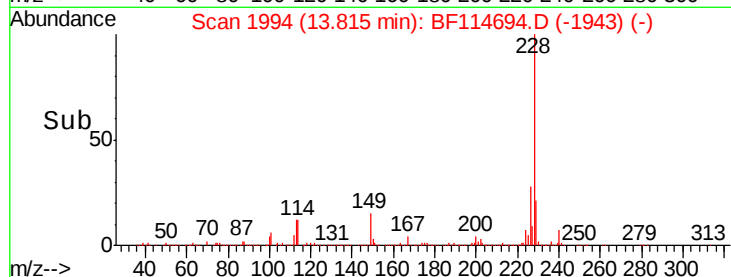
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.8	34.2
229	20.8	17.0	25.6



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: 28.308 ng

RT: 13.78 min Scan# 1988

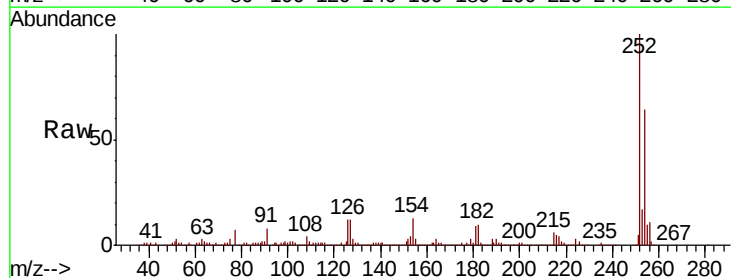
Delta R.T. -0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Tgt Ion:252 Resp: 736357

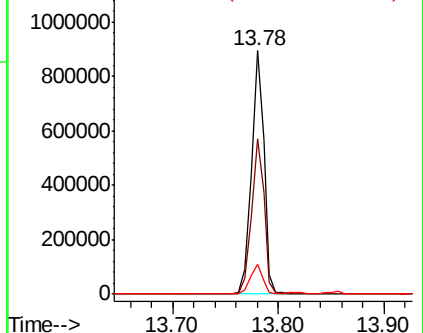
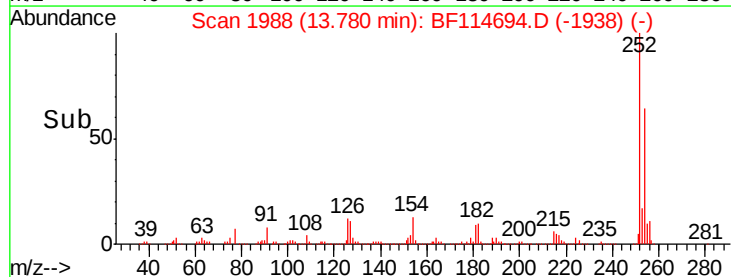
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	12.0	8.2	12.2

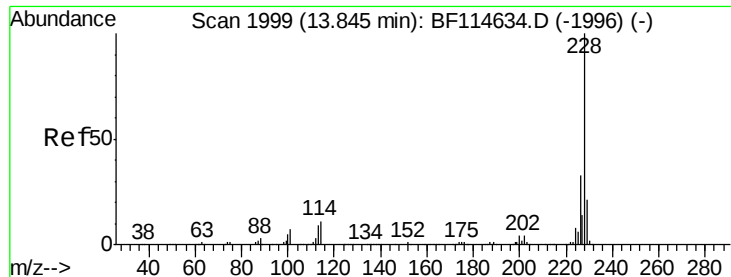


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

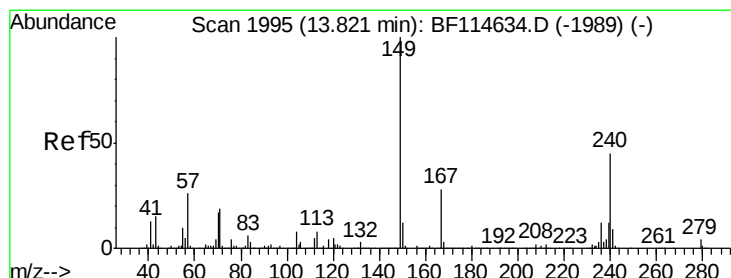
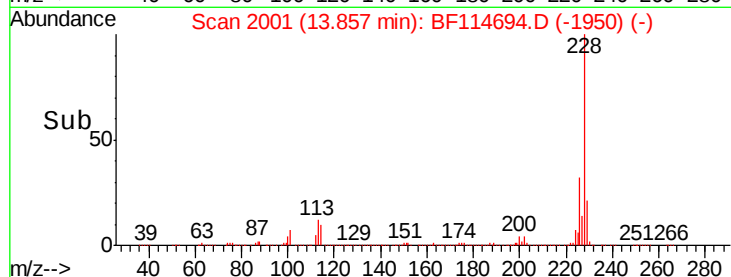
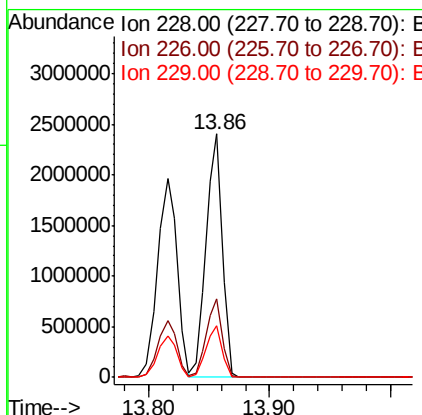
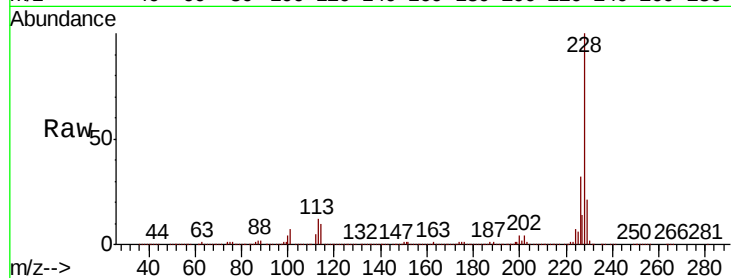




#83
 Chrysene
 Concen: 34.742 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

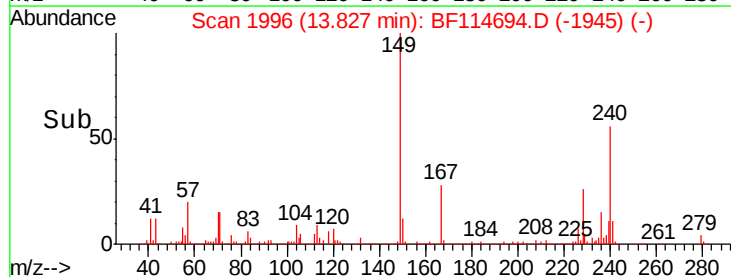
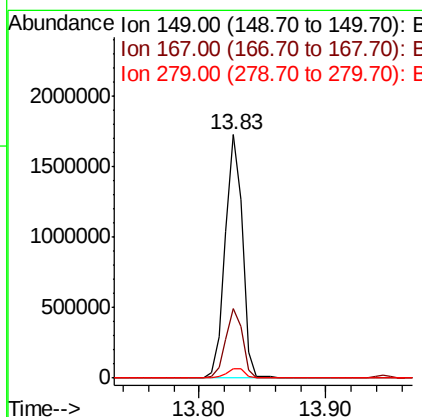
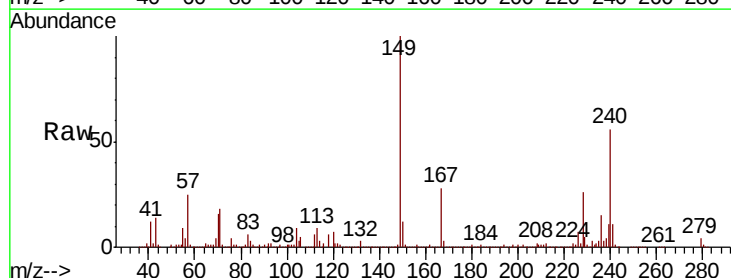
Instrument :
 BNA_F
 ClientSampleId :

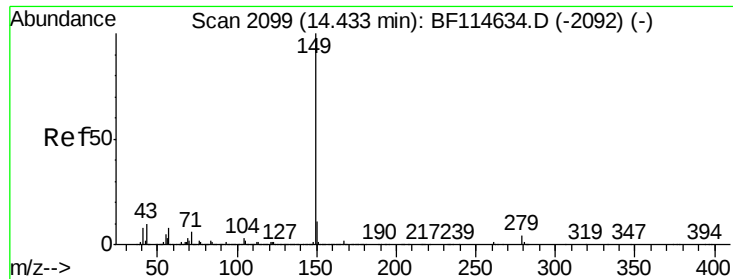
Tot Ion:228 Resp: 2235793
 Ion Ratio Lower Upper
 228 100
 226 32.5 26.6 39.8
 229 21.4 17.4 26.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.154 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF114694.D
 Acq: 31 May 2019 8:55

Tgt Ion:149 Resp: 1619488
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.9 34.3
 279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 34.575 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

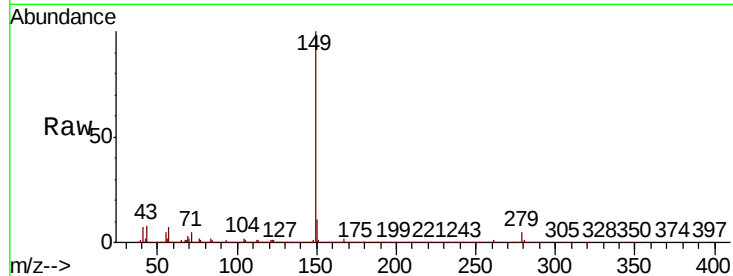
Tot Ion:149 Resp: 2767407

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

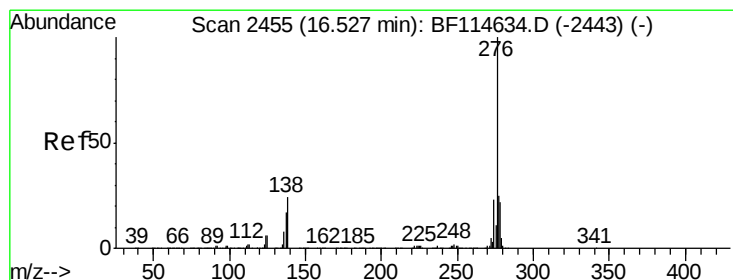
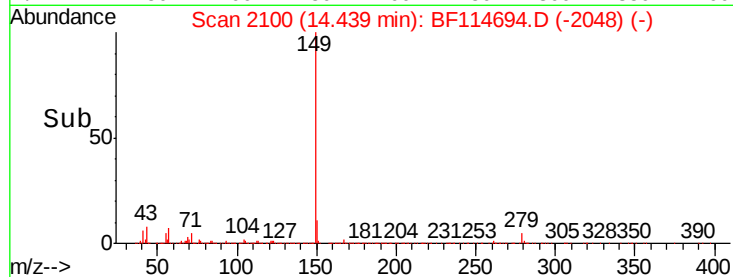
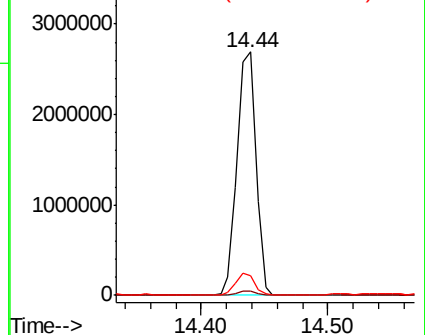
43 8.5 7.2 10.8



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: 30.429 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

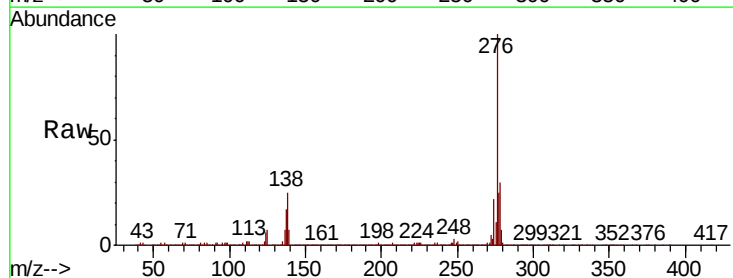
Tgt Ion:276 Resp: 1961302

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

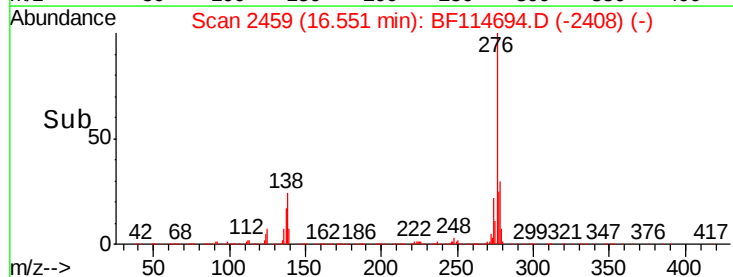
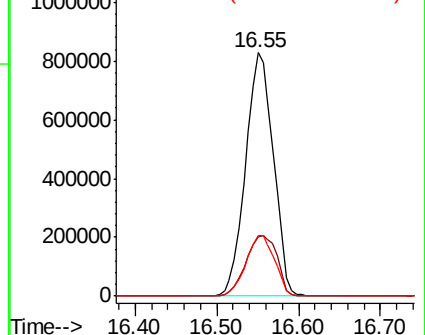
277 25.5 20.5 30.7

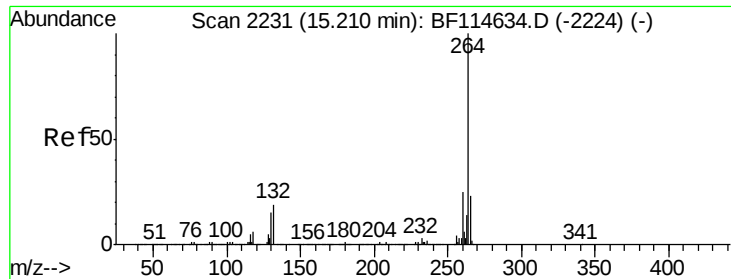


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

Instrument :

BNA_F

ClientSampleId :

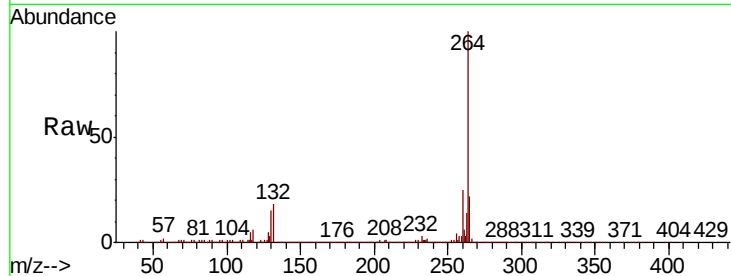
Tot Ion:264 Resp: 868461

Ion Ratio Lower Upper

264 100

260 24.9 20.3 30.5

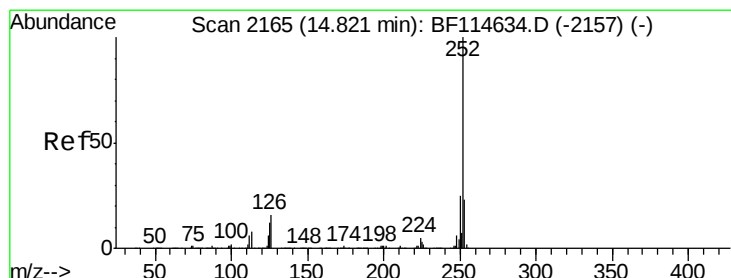
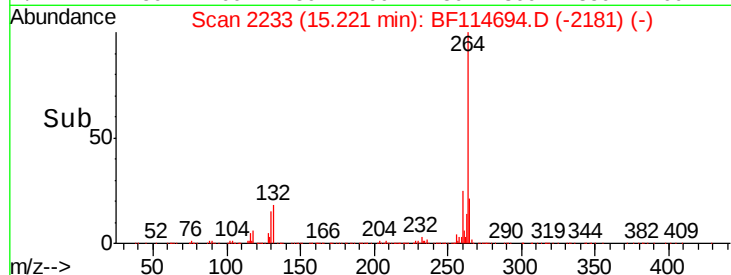
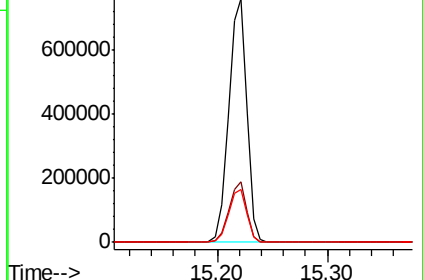
265 21.7 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.533 ng

RT: 14.83 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BF114694.D

Acq: 31 May 2019 8:55

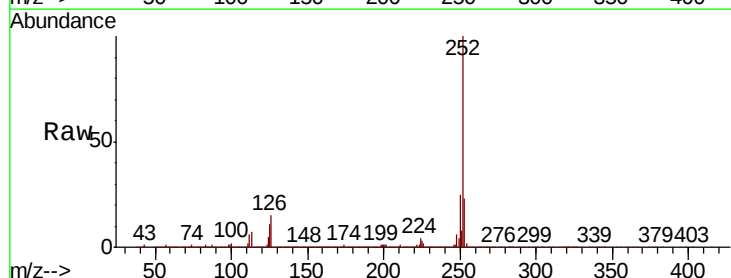
Tgt Ion:252 Resp: 2107726

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

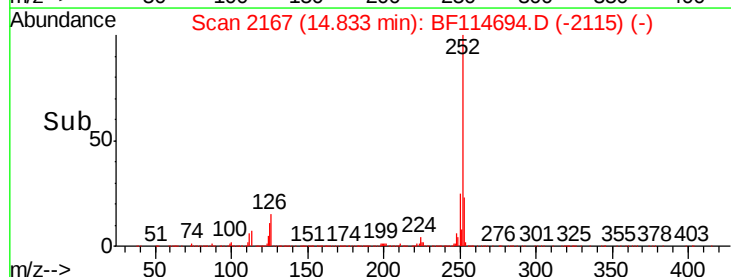
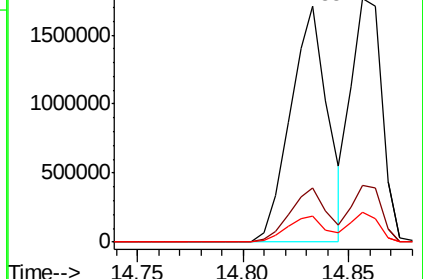
125 10.8 9.4 14.0

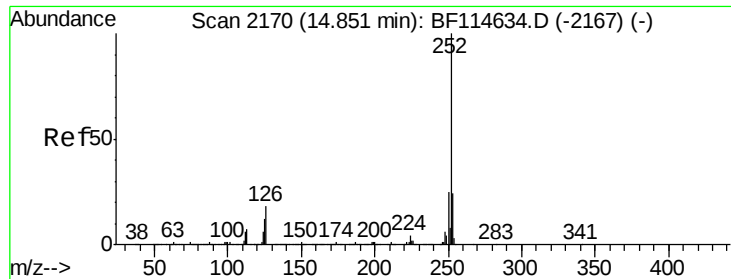


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

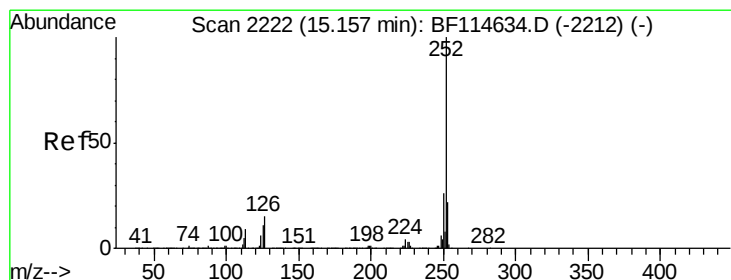
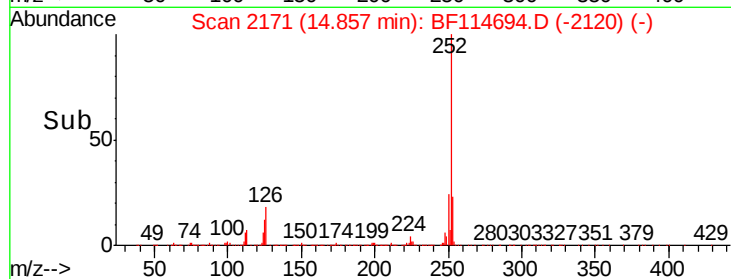
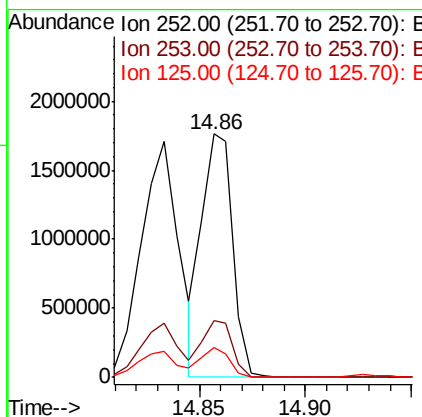
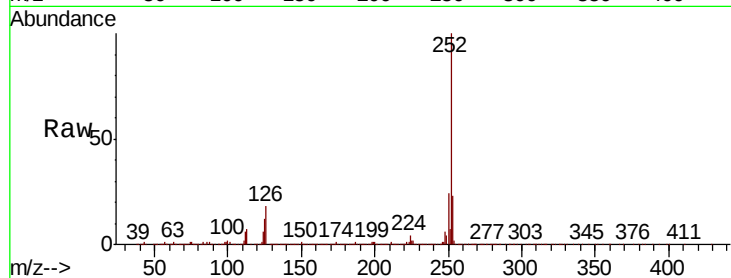




#89
Benzo(k)fluoranthene
Concen: 37.709 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

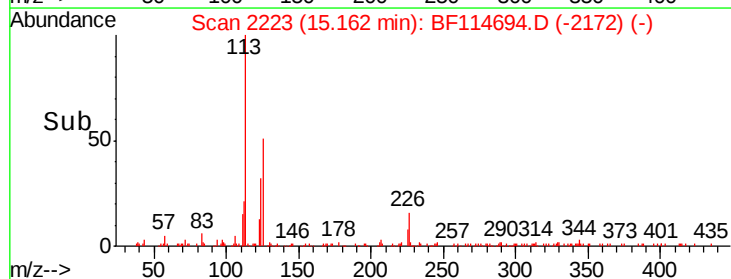
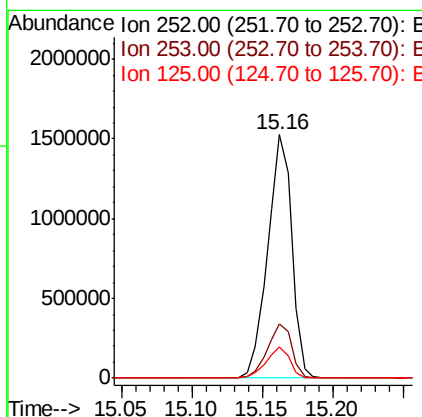
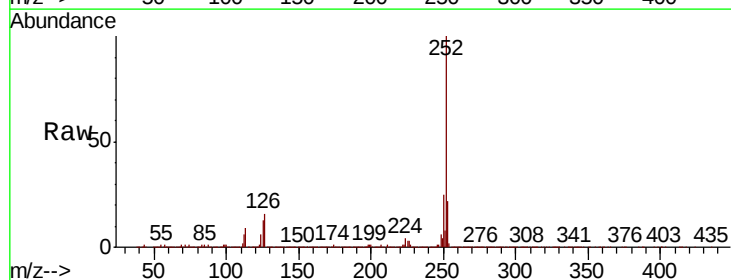
Instrument :
BNA_F
ClientSampleId :

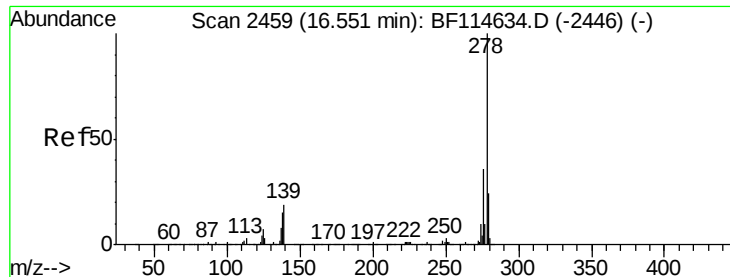
Tot Ion:252 Resp: 1792778
Ion Ratio Lower Upper
252 100
253 23.3 18.6 27.8
125 12.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.188 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:252 Resp: 1835051
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.6 9.9 14.9

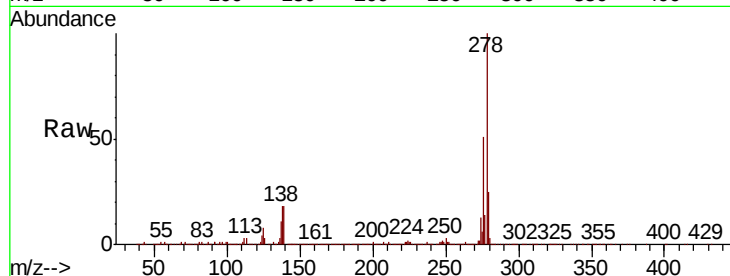




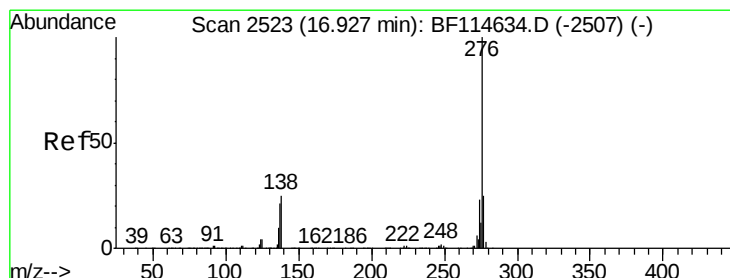
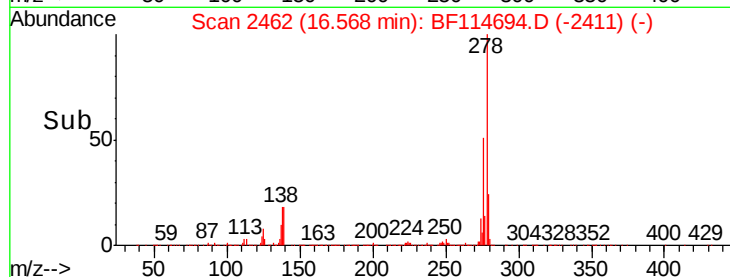
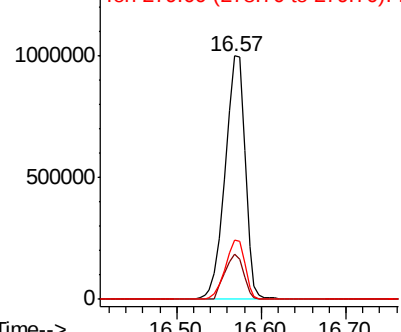
#91
Dibenzo(a,h)anthracene
Concen: 38.313 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1626868
Ion Ratio Lower Upper
278 100
139 18.4 13.8 20.6
279 24.5 19.6 29.4

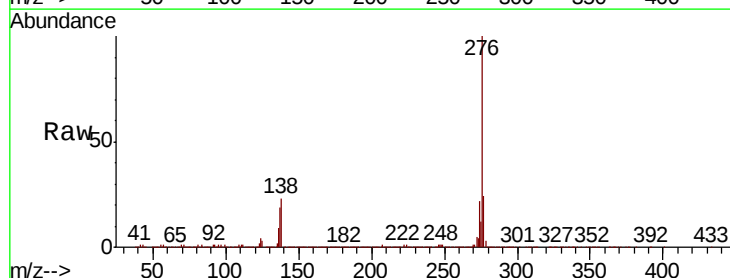


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.134 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114694.D
Acq: 31 May 2019 8:55

Tgt Ion:276 Resp: 1653992
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 23.3 19.5 29.3



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

