

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114715.D
 Acq On : 31 May 2019 18:22
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 01 00:26:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	388259	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1572044	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	769551	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1446447	20.00	ng	0.00
76) Chrysene-d12	13.82	240	780691	20.00	ng	0.00
87) Perylene-d12	15.21	264	846781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1717148	77.65	ng	0.00
7) Phenol-d6	6.33	99	2105218	79.00	ng	0.00
23) Nitrobenzene-d5	7.26	82	2011592	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	618891	84.40	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3434693	83.57	ng	0.00
79) Terphenyl-d14	12.78	244	3505963	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	416246	39.223	ng	96
3) Pyridine	3.05	79	1199580	38.841	ng	98
4) n-Nitrosodimethylamine	2.99	42	447007	35.766	ng	90
6) Aniline	6.36	93	1556455	38.667	ng	100
8) 2-Chlorophenol	6.48	128	1027696	40.241	ng	99
9) Benzaldehyde	6.24	77	613152	41.616	ng	97
10) Phenol	6.35	94	1237393	38.438	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	963742	39.139	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1173121	40.318	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1180251	40.434	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1094148	41.173	ng	99
15) Benzyl Alcohol	6.84	79	851023	40.599	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1394761	36.931	ng	99
17) 2-Methylphenol	6.96	107	861379	39.878	ng	99
18) Hexachloroethane	7.21	117	432672	39.150	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	692127	37.628	ng	99
20) 3+4-Methylphenols	7.11	107	970532	38.203	ng	97
22) Acetophenone	7.11	105	1332734	39.788	ng	# 99
24) Nitrobenzene	7.28	77	1058975	39.564	ng	92
25) Isophorone	7.52	82	1926402	38.095	ng	100
26) 2-Nitrophenol	7.59	139	572302	43.926	ng	99
27) 2,4-Dimethylphenol	7.64	122	857525	39.574	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1264598	39.285	ng	100
29) 2,4-Dichlorophenol	7.83	162	907031	41.125	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	1029235	40.960	ng	98
31) Naphthalene	8.00	128	2820345	38.949	ng	100
32) Benzoic acid	7.76	122	657755	46.735	ng	98
33) 4-Chloroaniline	8.05	127	1356800	39.329	ng	99
34) Hexachlorobutadiene	8.13	225	573557	41.088	ng	100
35) Caprolactam	8.43	113	295625	39.718	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	897527	40.578	ng	99
37) 2-Methylnaphthalene	8.69	142	1939571	40.314	ng	98
38) 1-Methylnaphthalene	8.79	142	1849394	40.572	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	881241	43.001	ng	99

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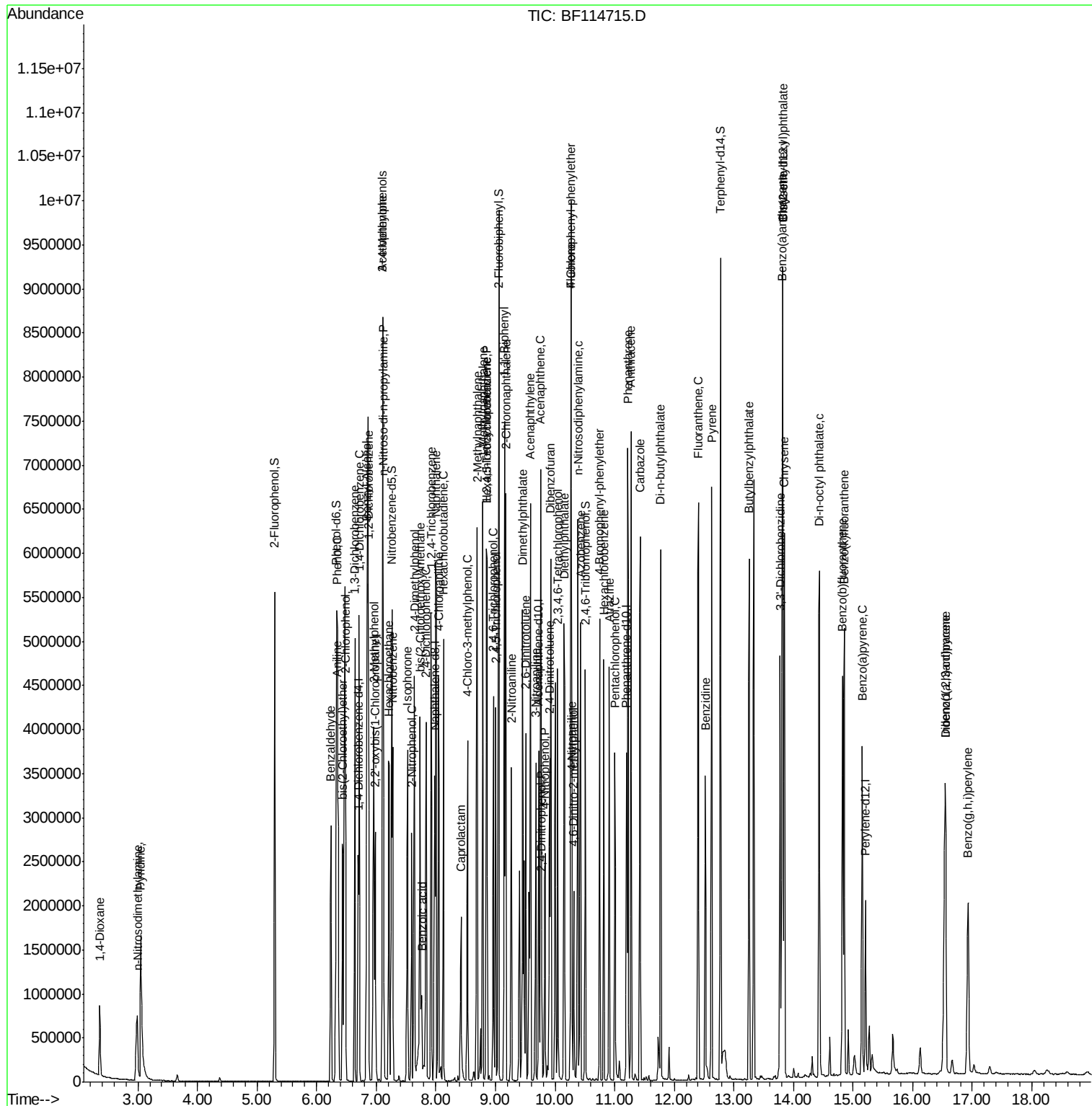
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41) Hexachlorocyclopentadiene	8.85	237	457788	33.803	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	677911	42.040	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	693988	43.128	ng	98
46) 1,1'-Biphenyl	9.15	154	2311972	40.473	ng	99
47) 2-Chloronaphthalene	9.17	162	1946669	41.543	ng	98
48) 2-Nitroaniline	9.27	65	604821	41.826	ng	88
49) Acenaphthylene	9.59	152	2836989	39.190	ng	98
50) Dimethylphthalate	9.46	163	2222561	41.448	ng	99
51) 2,6-Dinitrotoluene	9.51	165	523920	42.048	ng	95
52) Acenaphthene	9.76	154	1803918	40.632	ng	100
53) 3-Nitroaniline	9.67	138	621590	40.761	ng	100
54) 2,4-Dinitrophenol	9.77	184	219928	44.748	ng	# 87
55) Dibenzofuran	9.93	168	2474601	39.158	ng	98
56) 4-Nitrophenol	9.83	139	466120	41.246	ng	99
57) 2,4-Dinitrotoluene	9.91	165	677073	42.340	ng	92
58) Fluorene	10.27	166	1727069	40.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	561721	42.648	ng	99
60) Diethylphthalate	10.15	149	2230205	40.721	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	898761	41.842	ng	99
62) 4-Nitroaniline	10.29	138	600182	40.389	ng	97
63) Azobenzene	10.43	77	1937017	38.522	ng	95
65) 4,6-Dinitro-2-methylphenol	10.32	198	280809	43.783	ng	88
66) n-Nitrosodiphenylamine	10.38	169	1762595	41.244	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	639473	41.226	ng	97
68) Hexachlorobenzene	10.82	284	705549	41.995	ng	# 91
69) Atrazine	10.91	200	560836	41.183	ng	99
70) Pentachlorophenol	11.00	266	413078	42.653	ng	98
71) Phenanthrene	11.22	178	2716448	36.815	ng	100
72) Anthracene	11.27	178	2751278	36.842	ng	98
73) Carbazole	11.43	167	2463846	37.540	ng	100
74) Di-n-butylphthalate	11.77	149	3158379	38.406	ng	99
75) Fluoranthene	12.40	202	2683669	35.125	ng	98
77) Benzidine	12.52	184	1295036	40.284	ng	100
78) Pyrene	12.63	202	2702626	40.924	ng	100
80) Butylbenzylphthalate	13.26	149	1351921	40.733	ng	98
81) Benzo(a)anthracene	13.81	228	2307647	38.465	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	936628	40.426	ng	97
83) Chrysene	13.84	228	2239321	39.068	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1704875	41.550	ng	99
85) Di-n-octyl phthalate	14.43	149	2830060	39.697	ng	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	1958701	34.119	ng	99
88) Benzo(b)fluoranthene	14.82	252	2059958	38.624	ng	100
89) Benzo(k)fluoranthene	14.85	252	1969180	42.479	ng	99
90) Benzo(a)pyrene	15.16	252	1858050	39.657	ng	100
91) Dibenzo(a,h)anthracene	16.55	278	1624367	39.234	ng	99
92) Benzo(g,h,i)perylene	16.93	276	1566034	38.972	ng	98

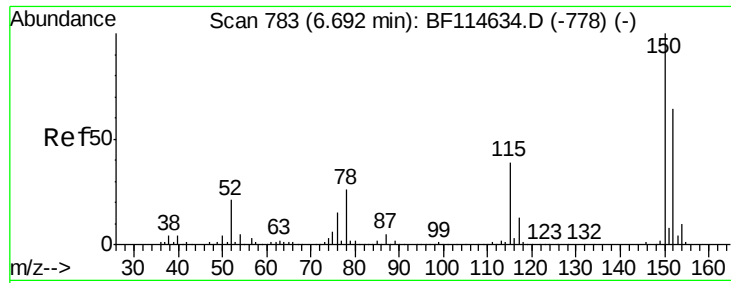
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2      Sample Multiplier: 1
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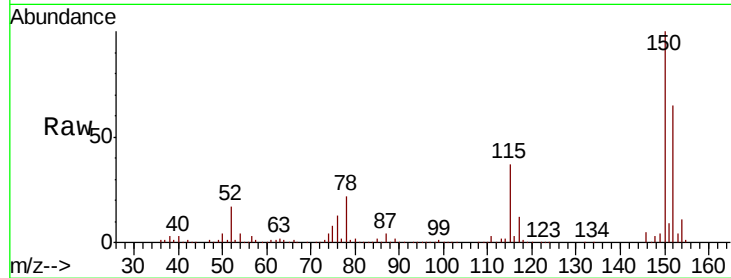


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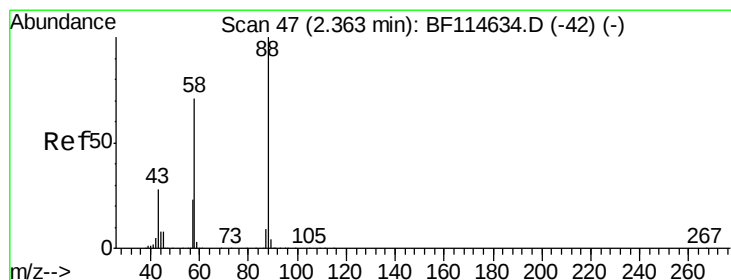
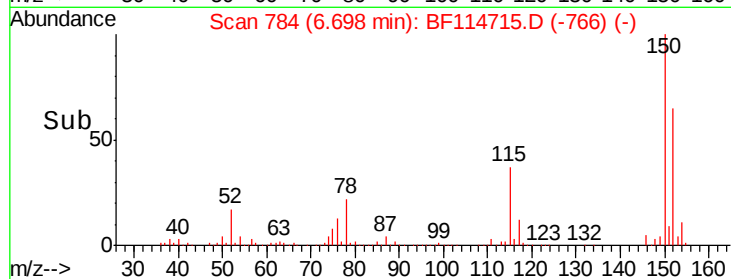
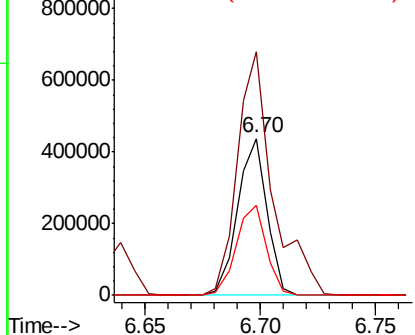
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 152 Resp: 388259
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 57.5 48.7 73.1



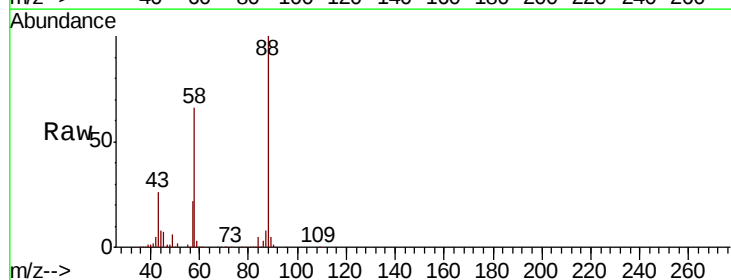
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



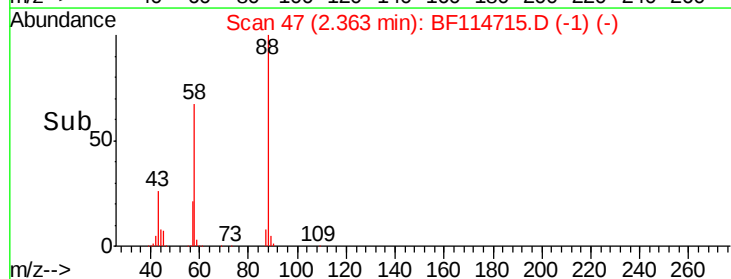
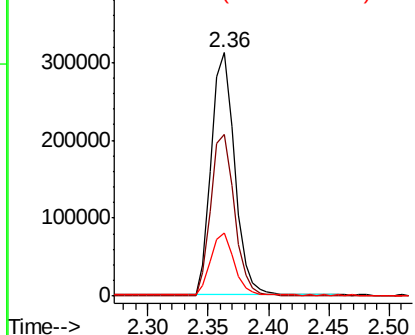
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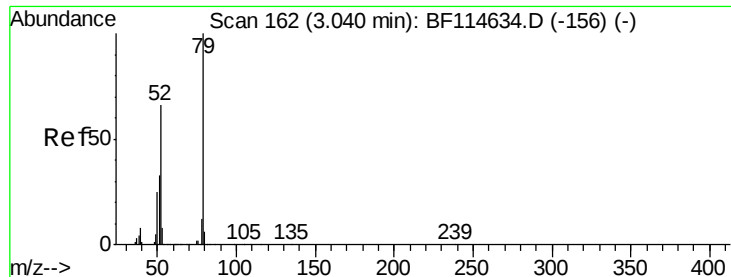
1,4-Dioxane
Concen: 39.223 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion: 88 Resp: 416246
Ion Ratio Lower Upper
88 100
58 68.1 57.2 85.8
43 25.6 22.6 33.8



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





#3

Pyridine

Concen: 38.841 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

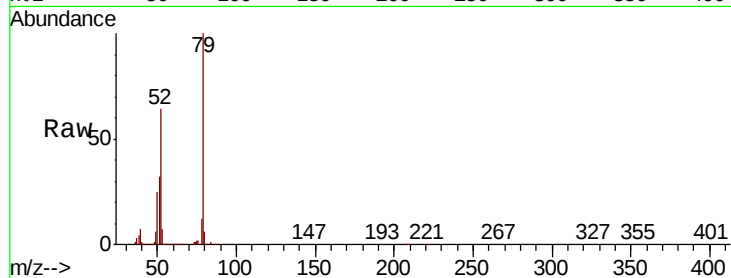
Tgt Ion: 79 Resp: 1199580

Ion Ratio Lower Upper

79 100

52 64.0 52.8 79.2

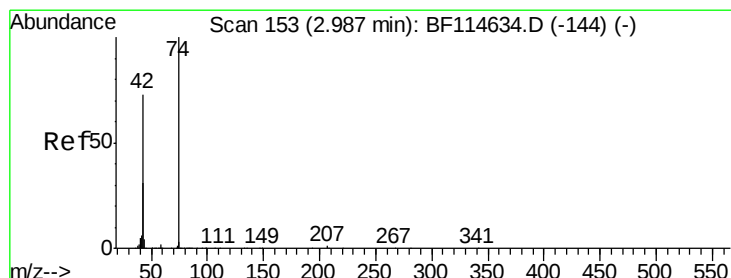
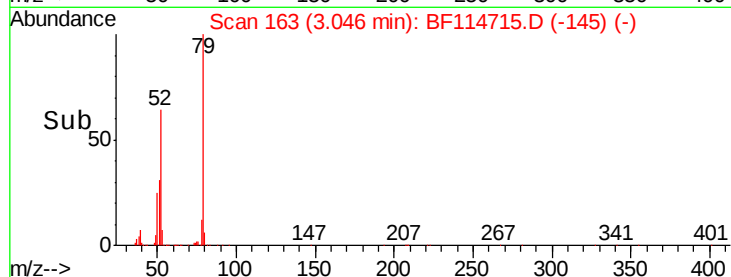
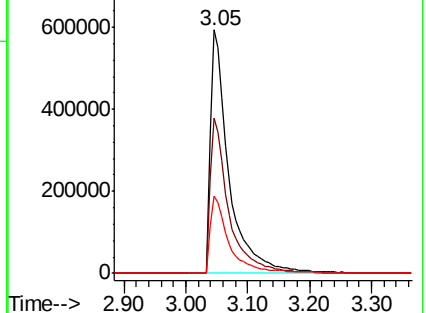
51 31.7 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.766 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

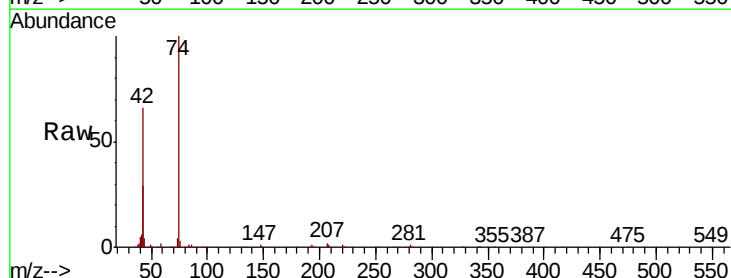
Tgt Ion: 42 Resp: 447007

Ion Ratio Lower Upper

42 100

74 150.7 110.0 165.0

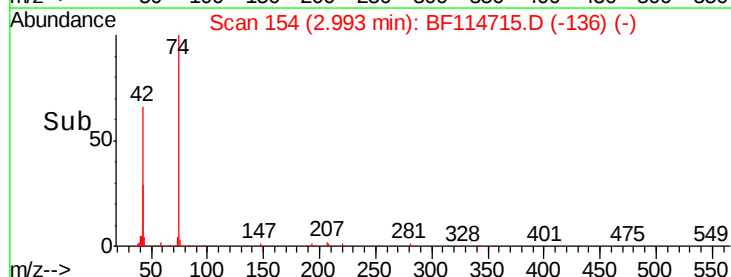
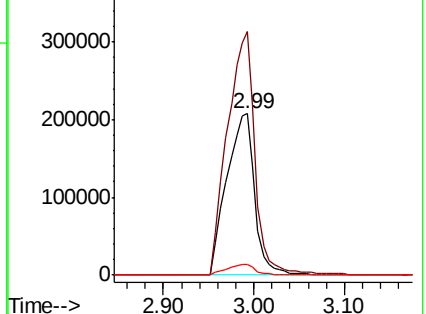
44 6.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.649 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

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ClientSampleId :

SSTDCCC040EC

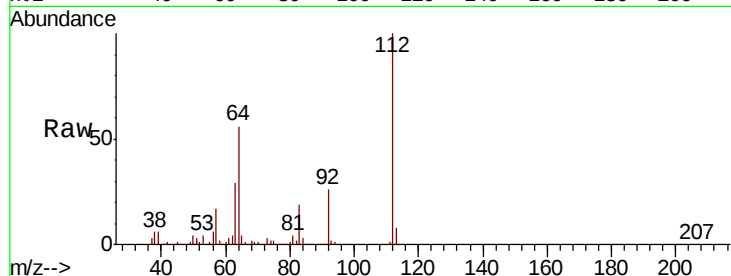
Tgt Ion: 112 Resp: 1717148

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

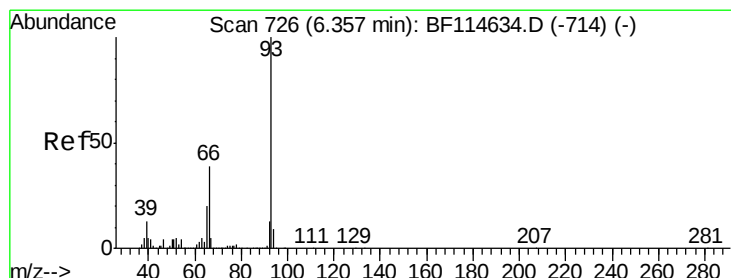
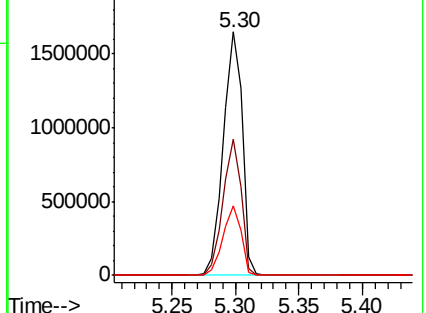
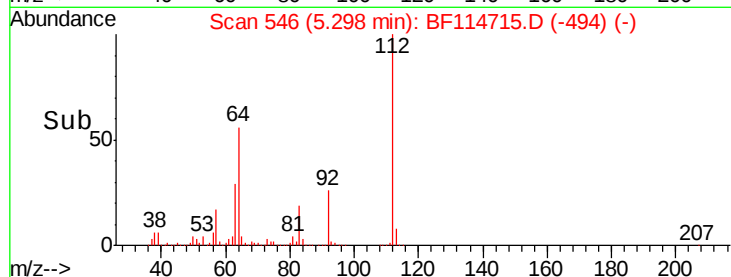
63 28.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.667 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

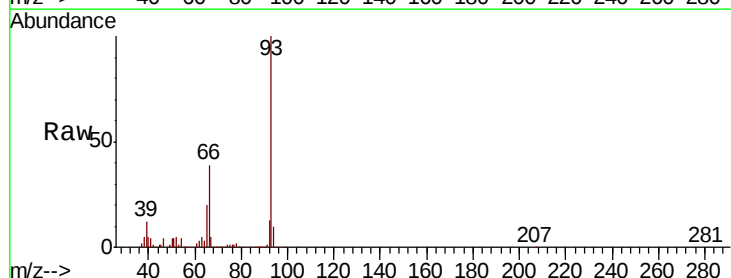
Tgt Ion: 93 Resp: 1556455

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.2

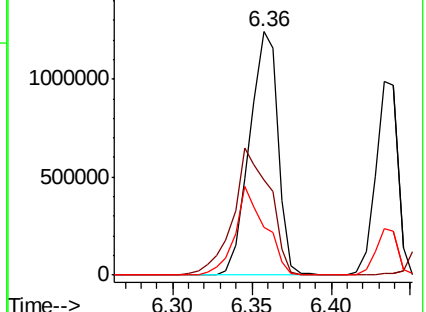
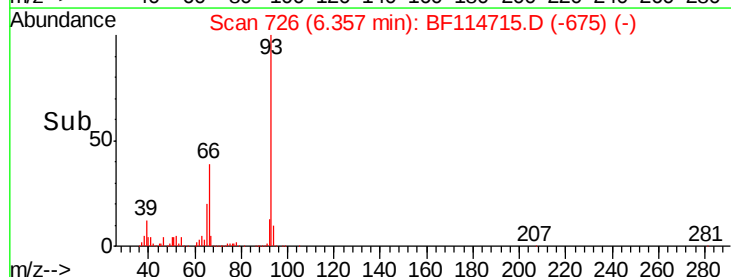
65 19.7 16.2 24.2

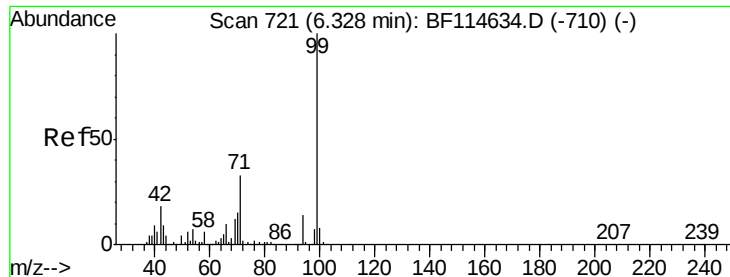


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.000 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114715.D

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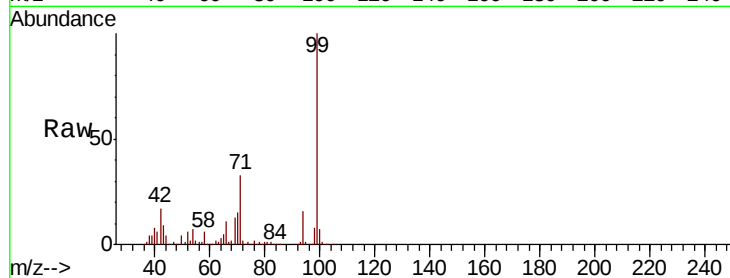
Tgt Ion: 99 Resp: 2105218

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

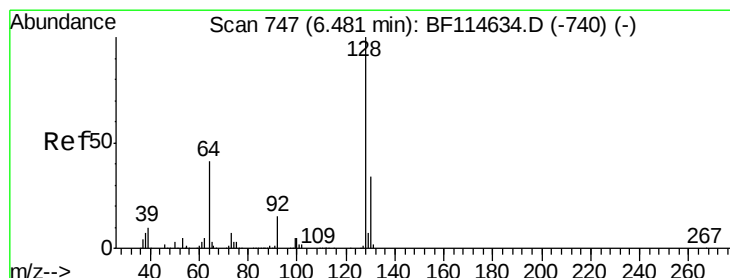
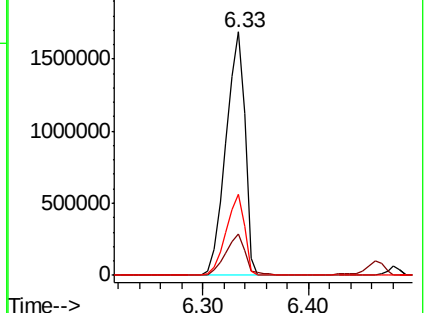
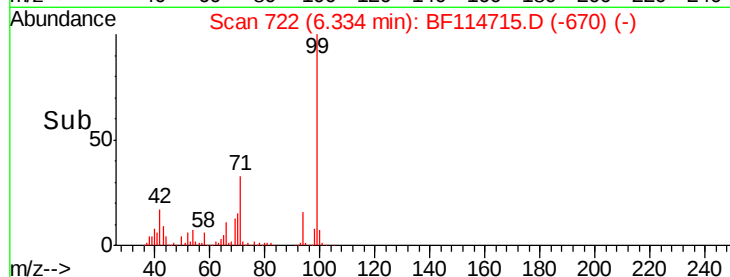
71 33.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.241 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

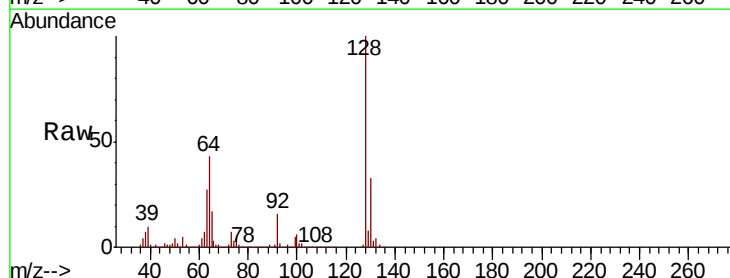
Tgt Ion: 128 Resp: 1027696

Ion Ratio Lower Upper

128 100

130 33.3 13.9 53.9

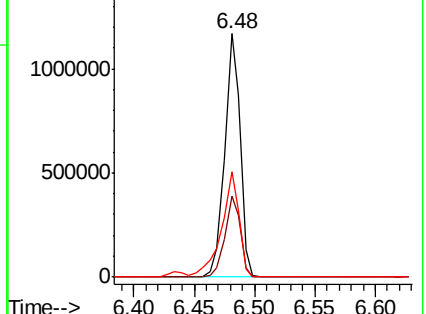
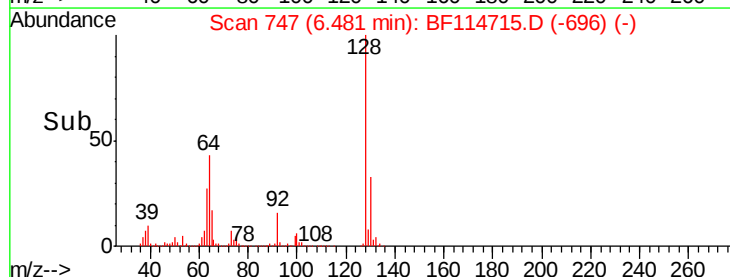
64 43.1 22.0 62.0

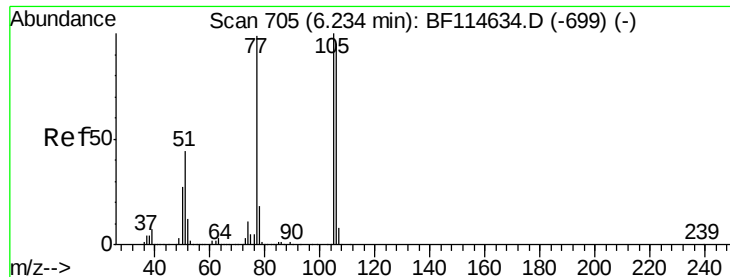


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.616 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

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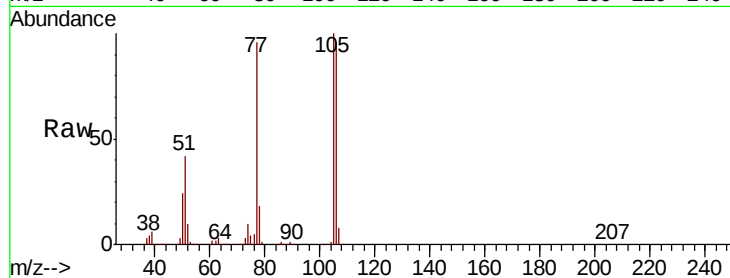
Tgt Ion: 77 Resp: 613152

Ion Ratio Lower Upper

77 100

105 103.7 80.8 120.8

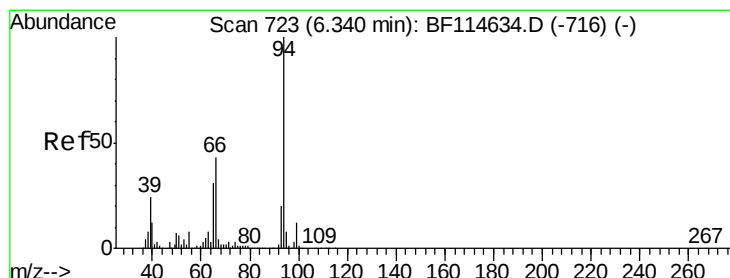
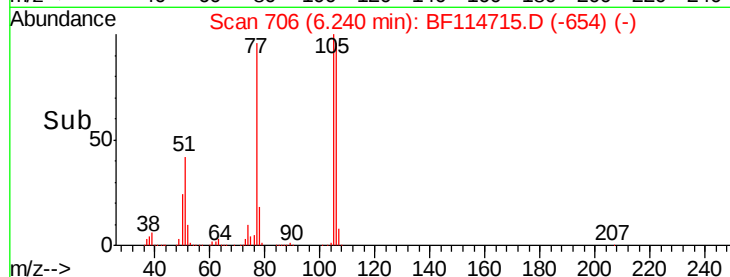
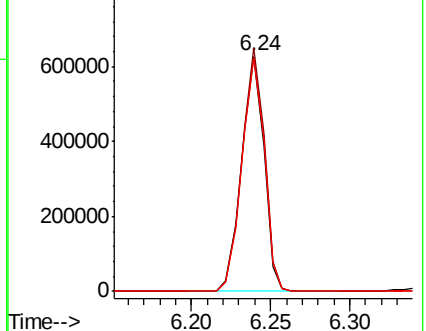
106 99.4 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.438 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

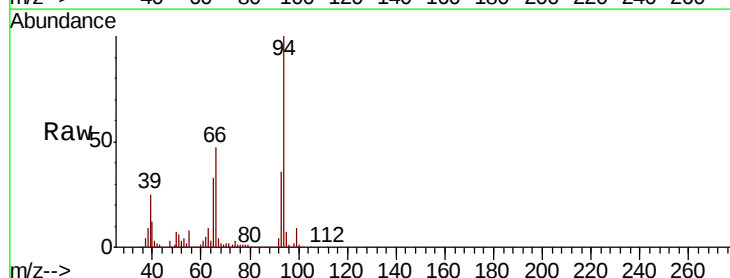
Tgt Ion: 94 Resp: 1237393

Ion Ratio Lower Upper

94 100

65 33.4 11.0 51.0

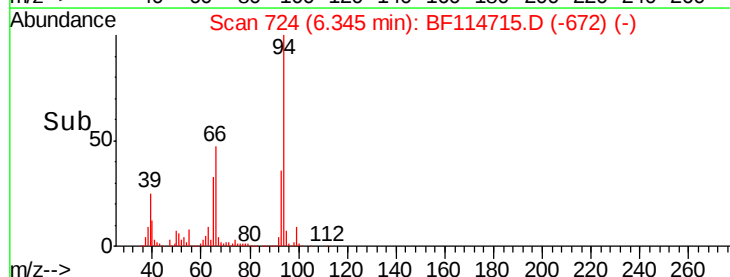
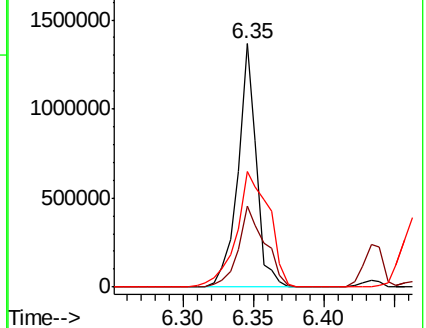
66 47.4 23.0 63.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

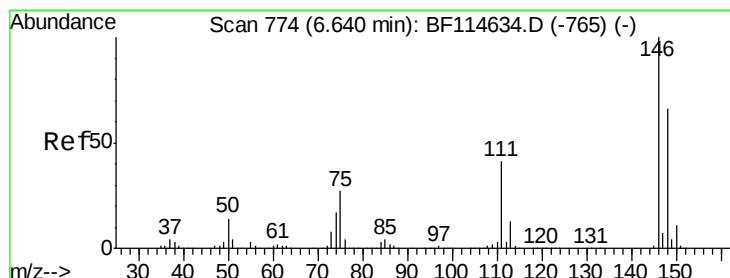
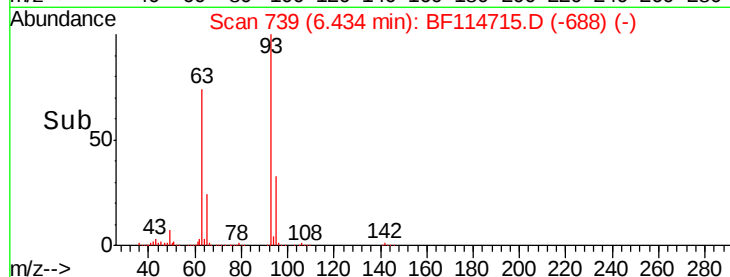
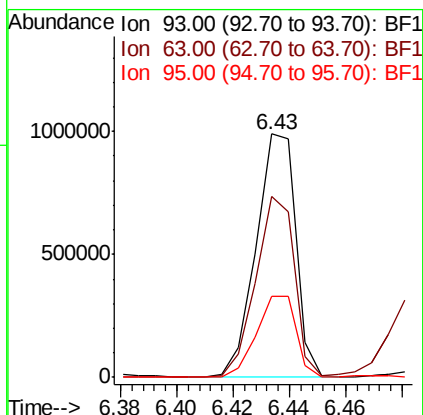
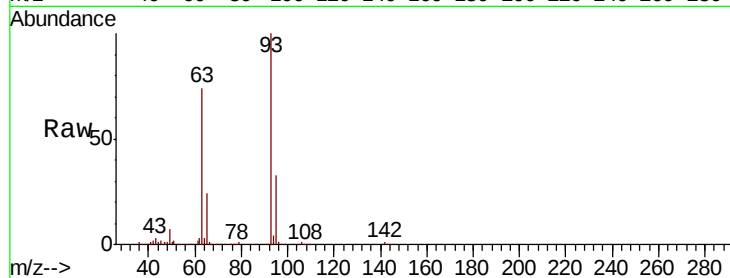




#11
bis(2-Chloroethyl)ether
Concen: 39.139 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

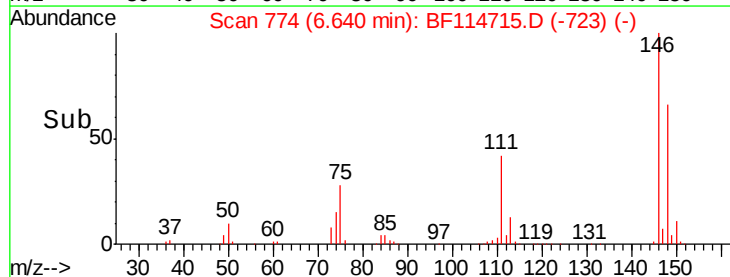
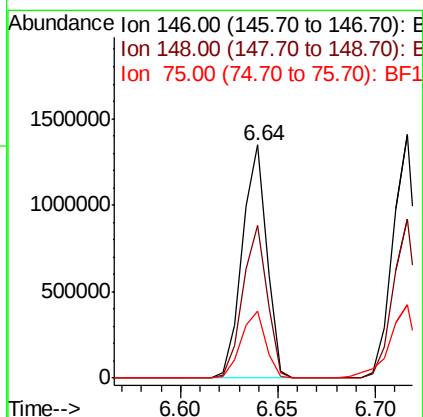
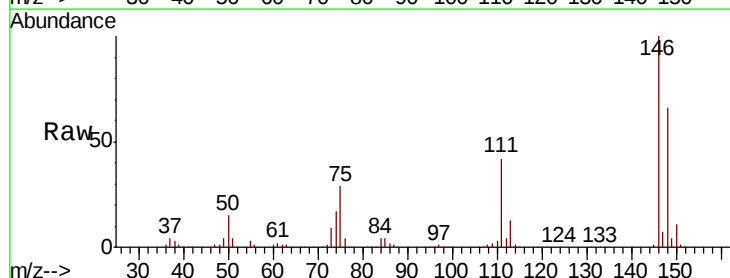
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

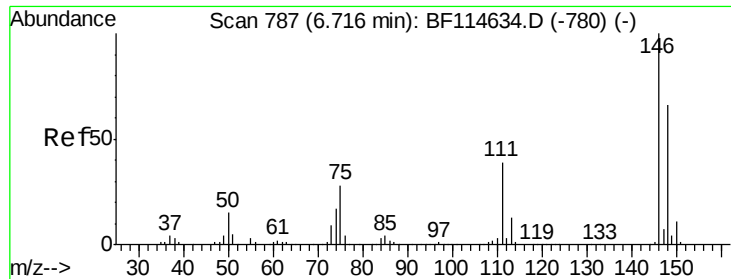
Tgt Ion: 93 Resp: 963742
Ion Ratio Lower Upper
93 100
63 74.1 55.0 95.0
95 33.1 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.318 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion: 146 Resp: 1173121
Ion Ratio Lower Upper
146 100
148 65.6 52.9 79.3
75 28.6 22.0 33.0

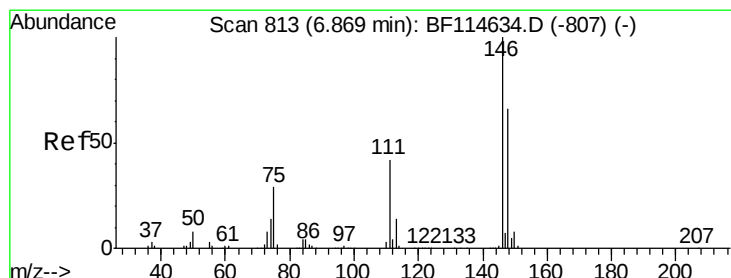
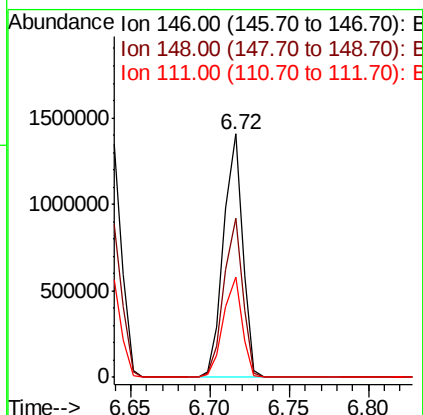
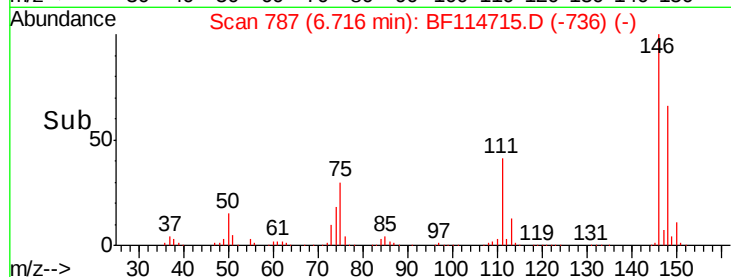
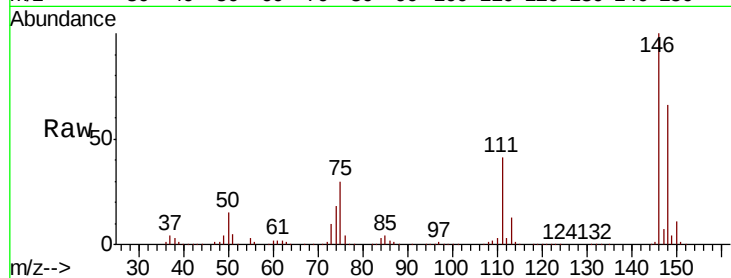




#13
 1,4-Dichlorobenzene
 Concen: 40.434 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

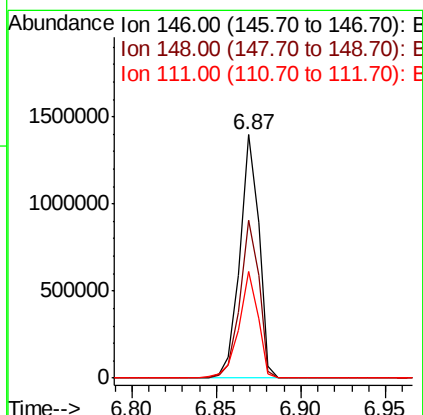
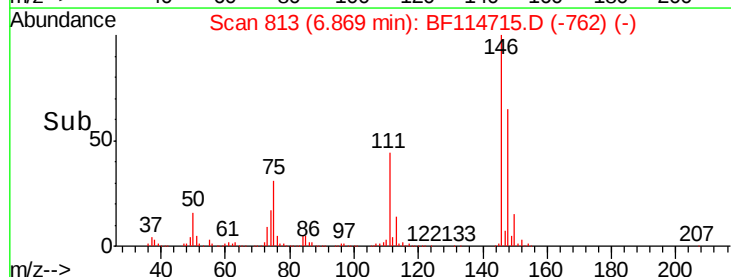
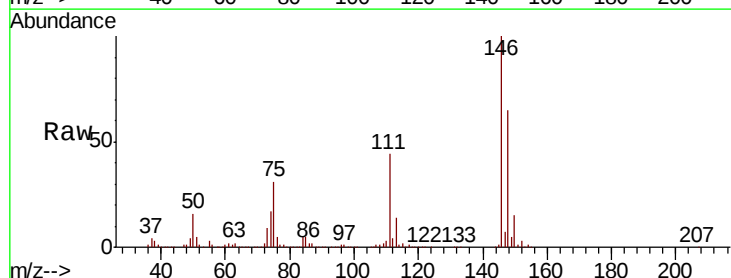
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 1180251
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 41.2 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 41.173 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:146 Resp: 1094148
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 79.0
 111 43.7 34.1 51.1





#15

Benzyl Alcohol

Concen: 40.599 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

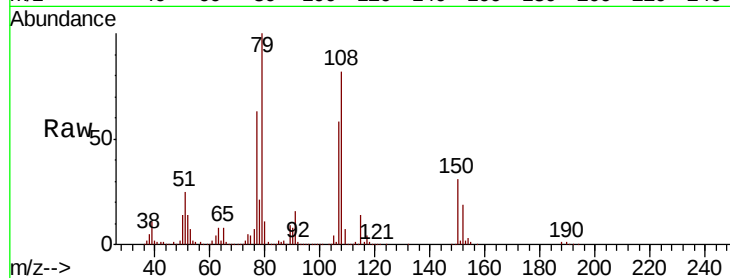
Tgt Ion: 79 Resp: 851023

Ion Ratio Lower Upper

79 100

108 82.0 67.8 101.8

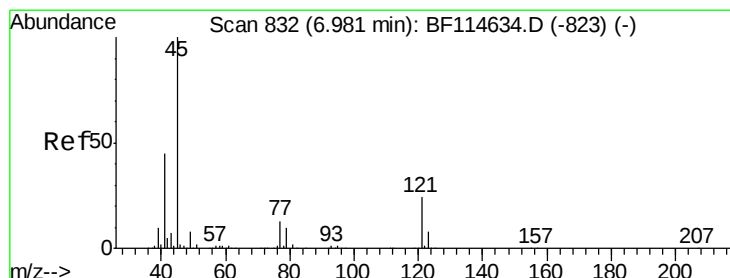
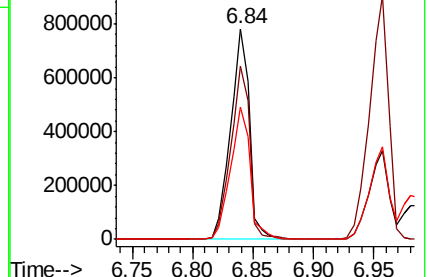
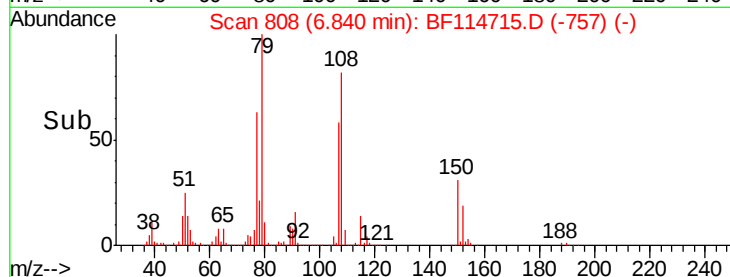
77 63.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.931 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

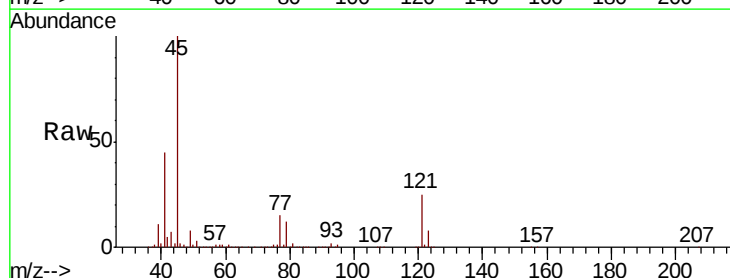
Tgt Ion: 45 Resp: 1394761

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.7

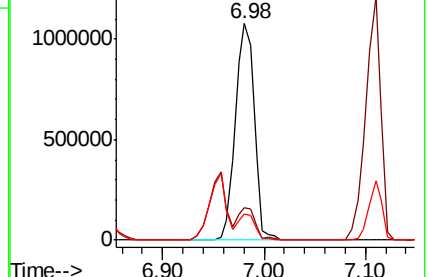
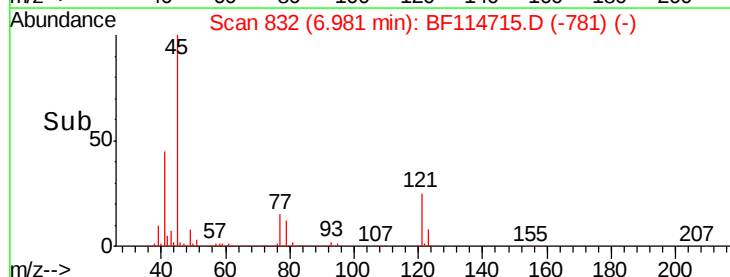
79 11.8 0.0 31.3

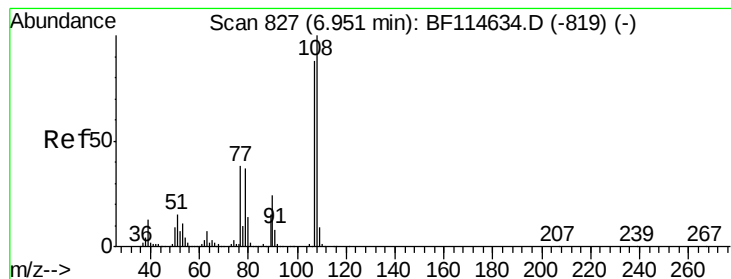


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.878 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 861379

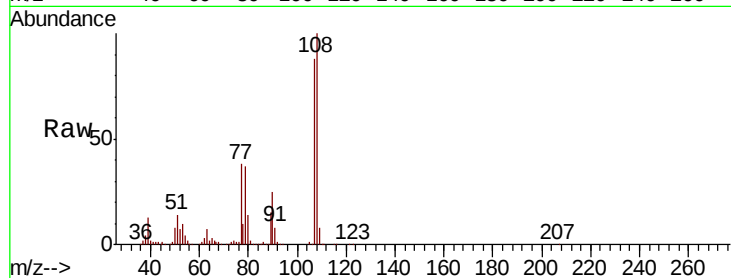
Ion Ratio Lower Upper

107 100

108 113.0 91.1 136.7

77 42.8 34.9 52.3

79 41.4 33.8 50.6

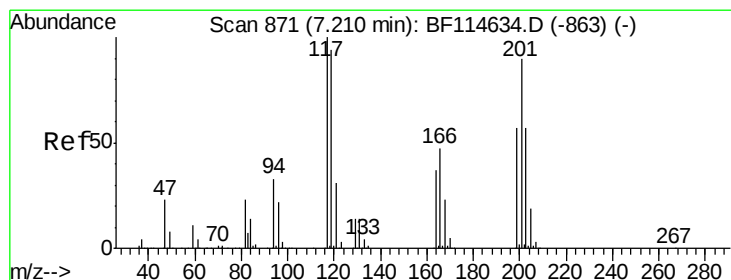
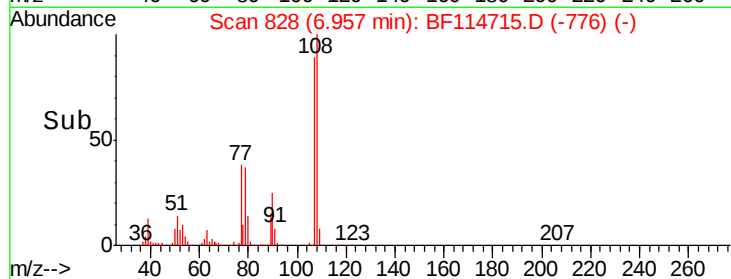
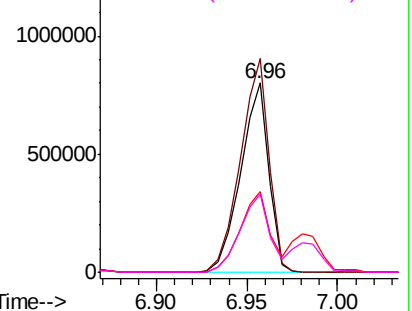


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.150 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

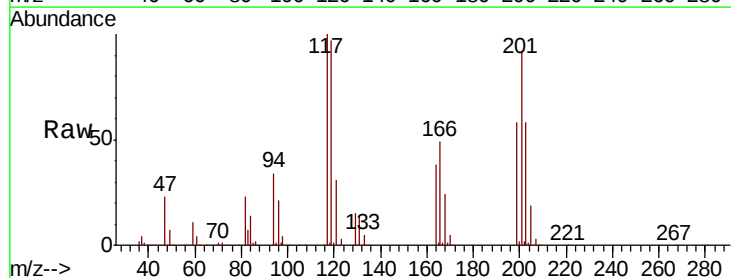
Tgt Ion:117 Resp: 432672

Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

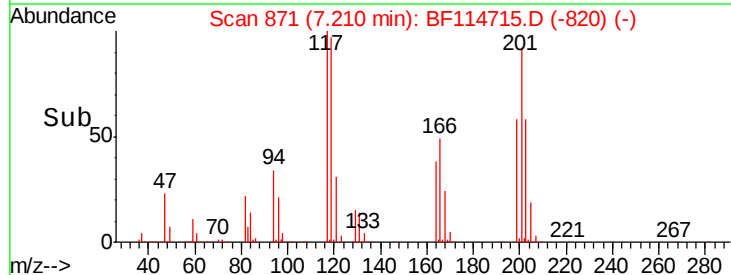
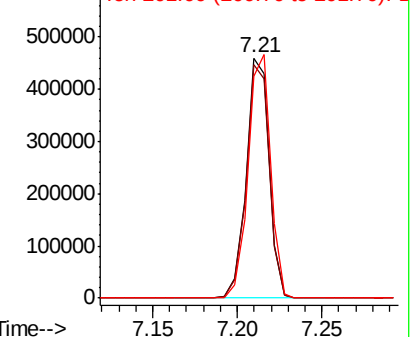
201 92.3 71.7 107.5

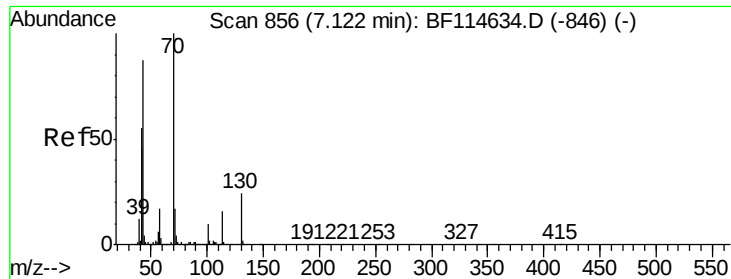


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

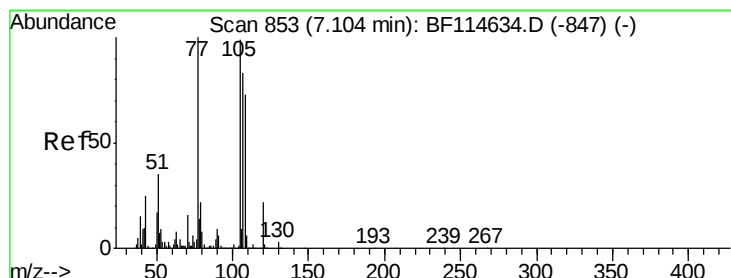
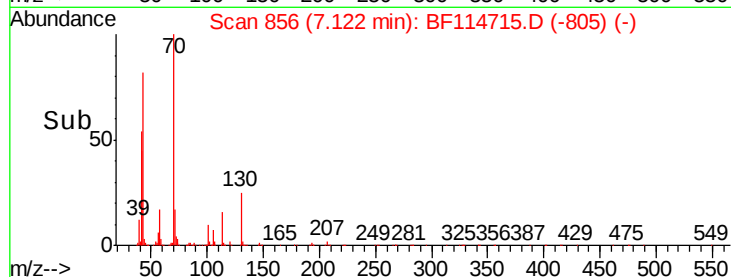
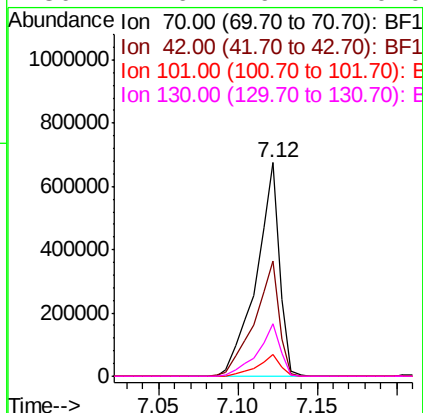
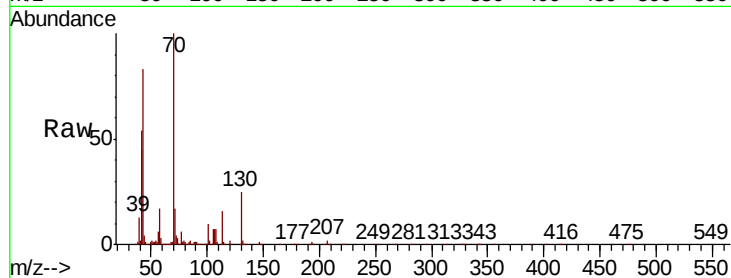




#19
n-Nitroso-di-n-propylamine
Concen: 37.628 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

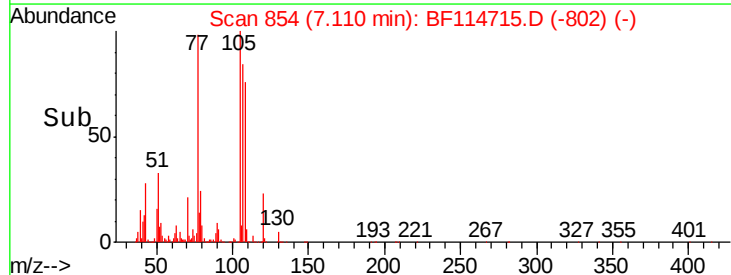
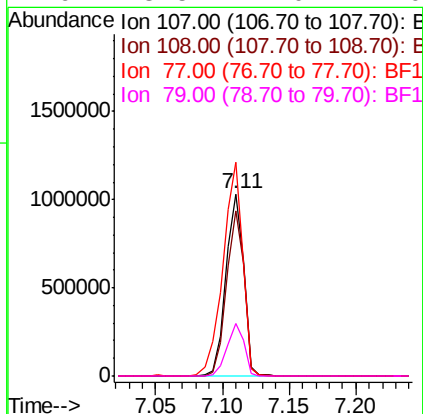
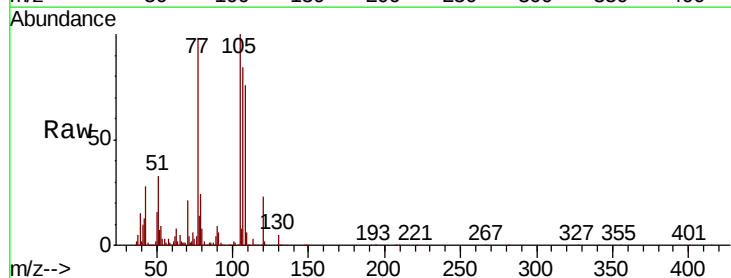
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

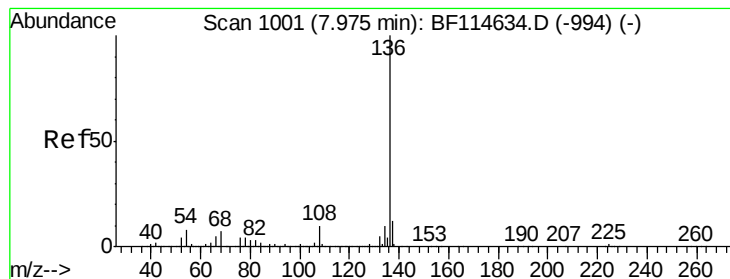
Tgt Ion:	70	Resp:	692127
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.4	66.6
101	10.3	8.2	12.4
130	24.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 38.203 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:	107	Resp:	970532
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.6	108.6
77	117.3	100.5	140.5
79	28.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 1572044

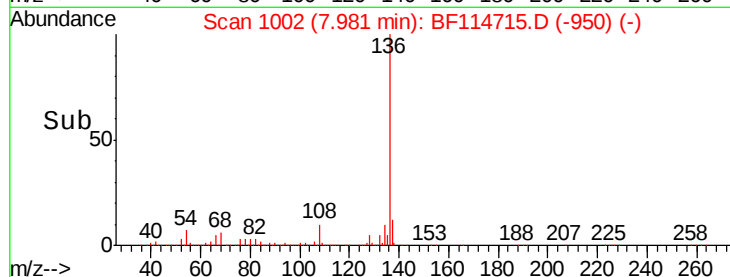
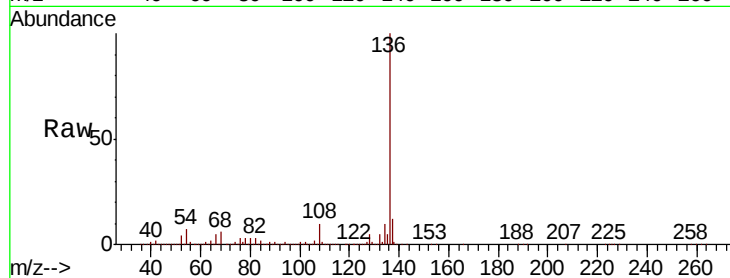
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 6.5 6.3 9.5

68 5.6 5.4 8.0



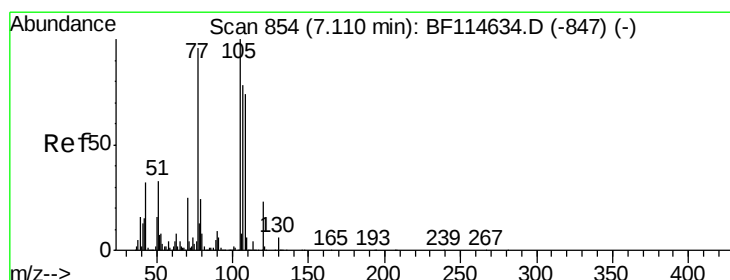
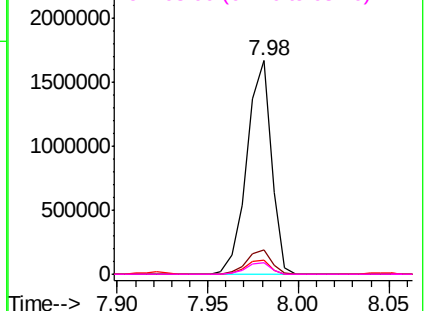
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.788 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Tgt Ion:105 Resp: 1332734

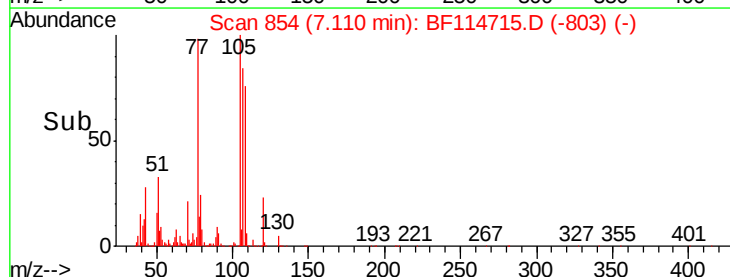
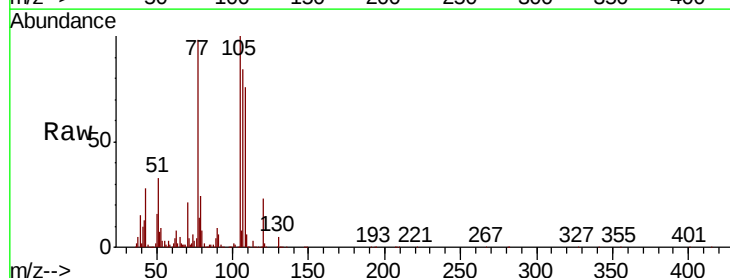
Ion Ratio Lower Upper

105 100

71 3.5 3.6 5.4#

51 32.7 26.0 39.0

120 23.1 18.8 28.2



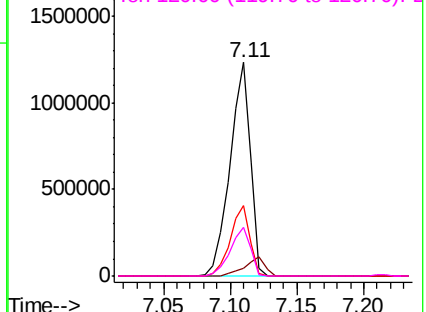
Abundance

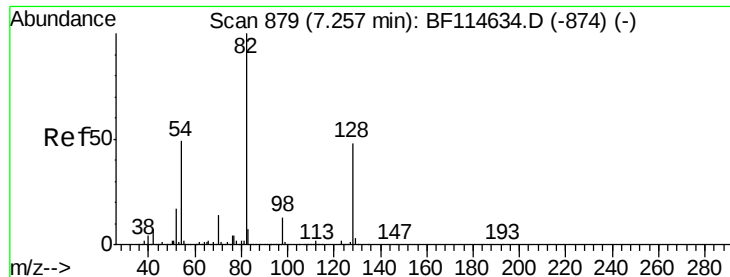
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

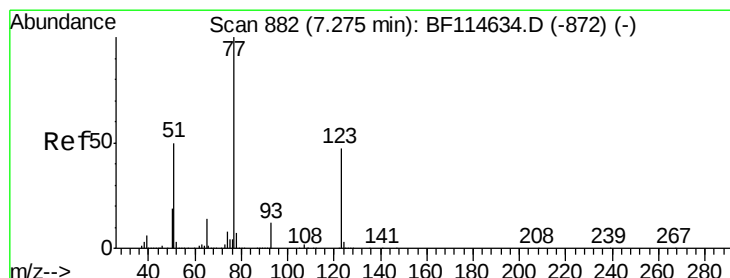
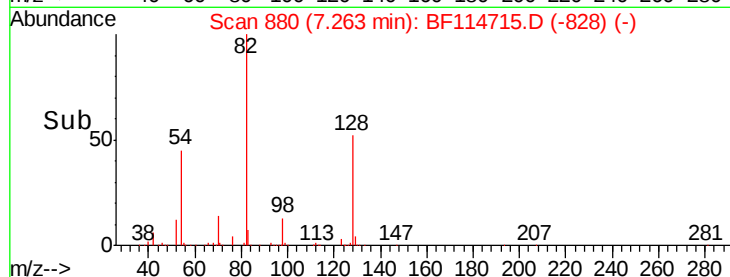
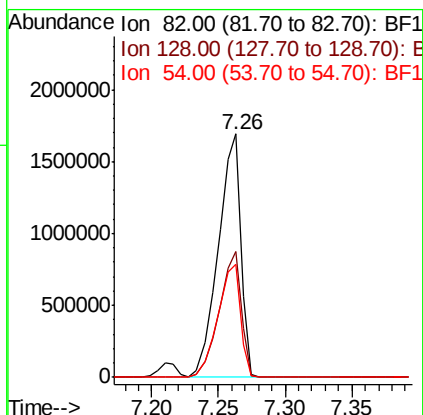
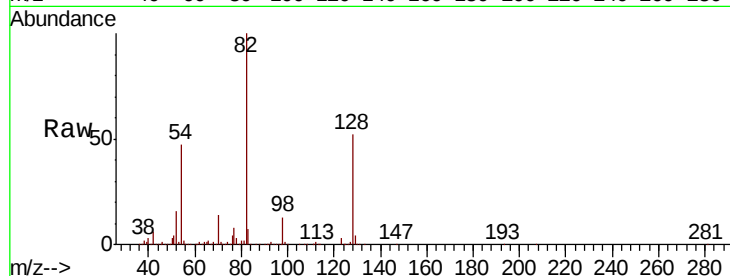




#23
 Nitrobenzene-d5
 Concen: 79.833 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

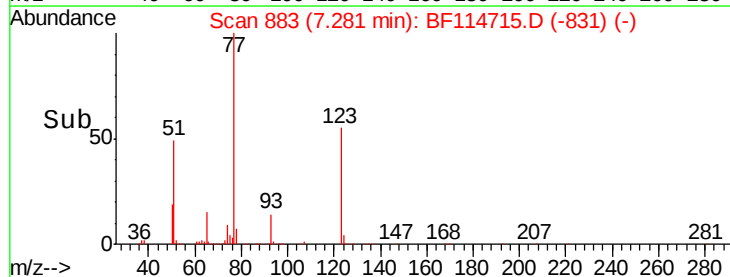
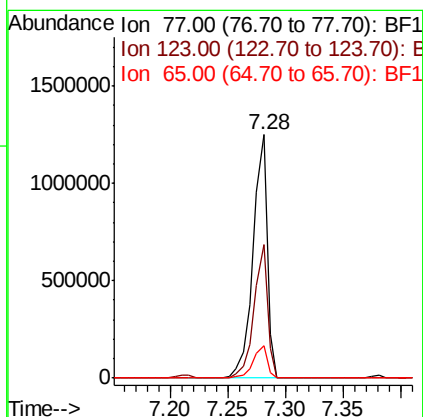
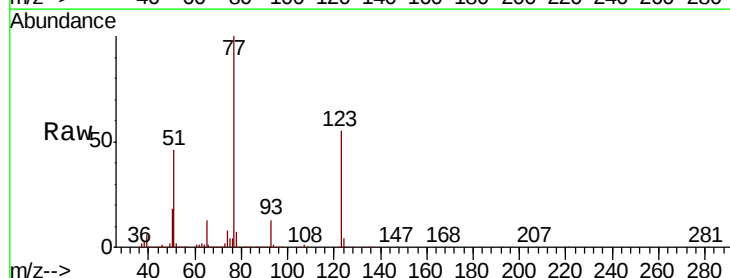
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

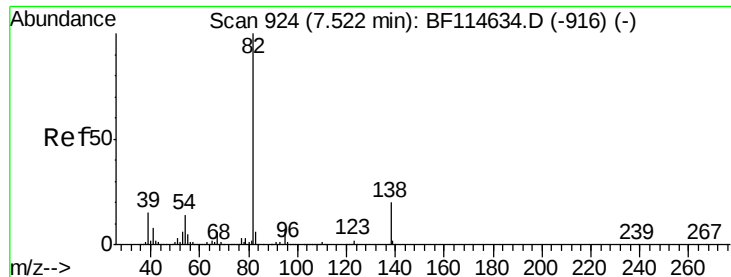
Tgt Ion: 82 Resp: 2011592
 Ion Ratio Lower Upper
 82 100
 128 51.9 38.5 57.7
 54 46.5 39.1 58.7



#24
 Nitrobenzene
 Concen: 39.564 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion: 77 Resp: 1058975
 Ion Ratio Lower Upper
 77 100
 123 54.9 38.5 57.7
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 38.095 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

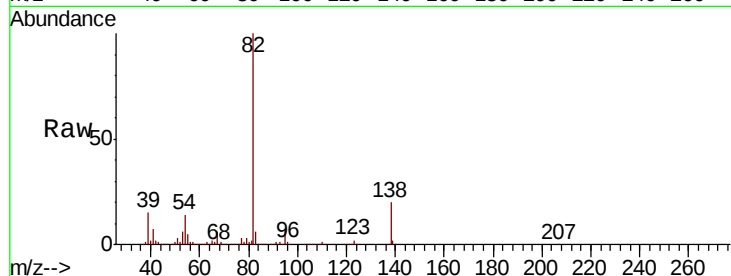
Tgt Ion: 82 Resp: 1926402

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

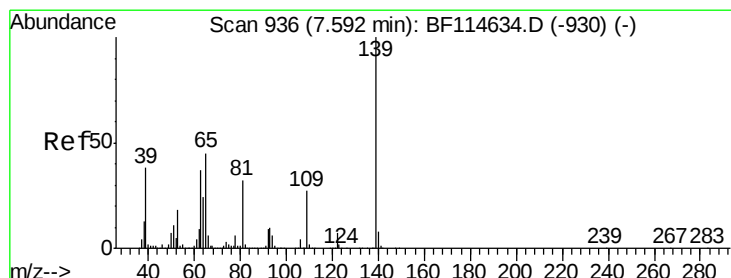
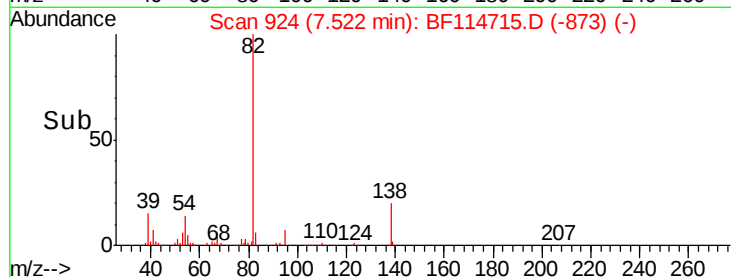
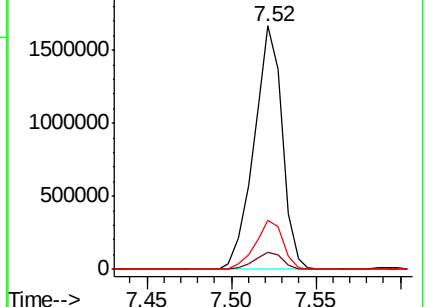
138 20.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.926 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

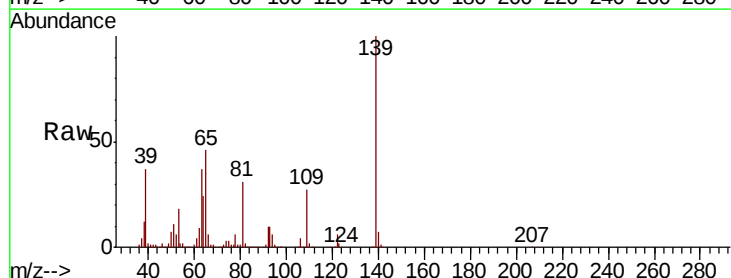
Tgt Ion: 139 Resp: 572302

Ion Ratio Lower Upper

139 100

109 26.5 21.7 32.5

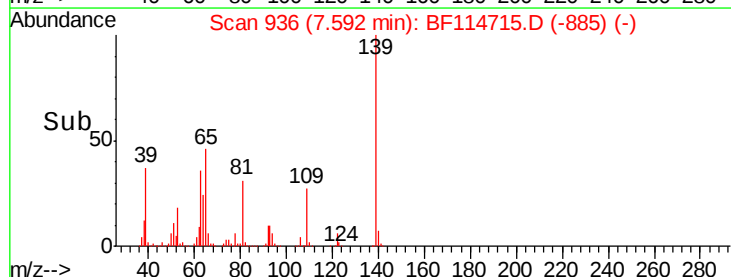
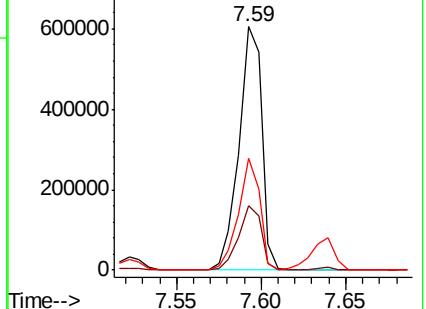
65 45.9 36.3 54.5

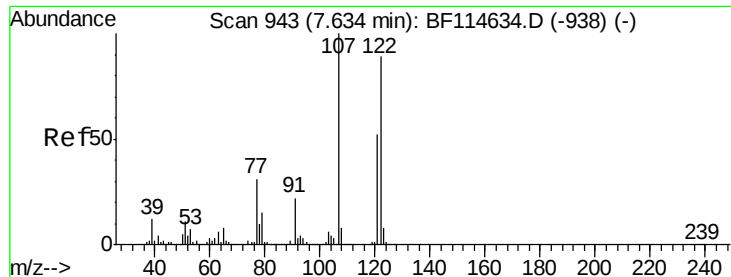


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

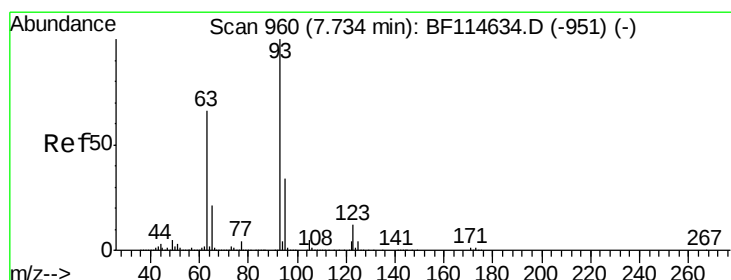
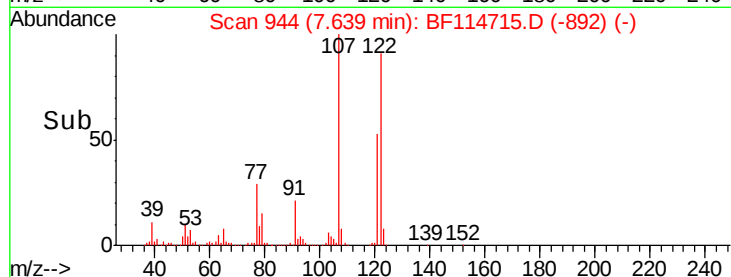
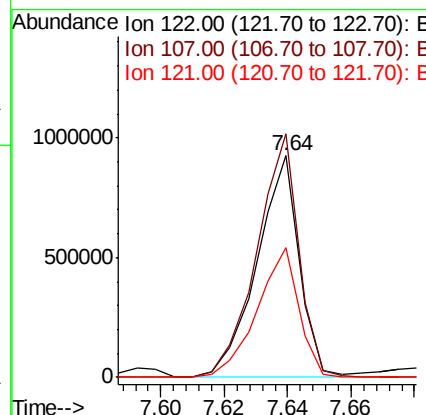
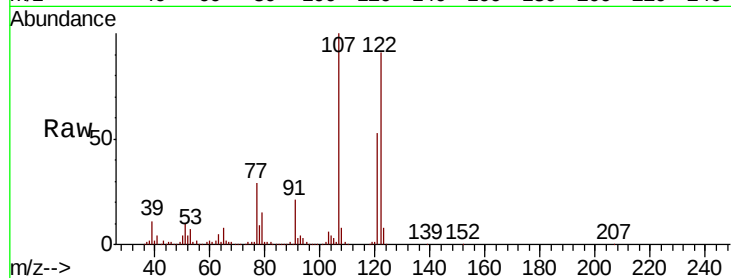




#27
 2,4-Dimethylphenol
 Concen: 39.574 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

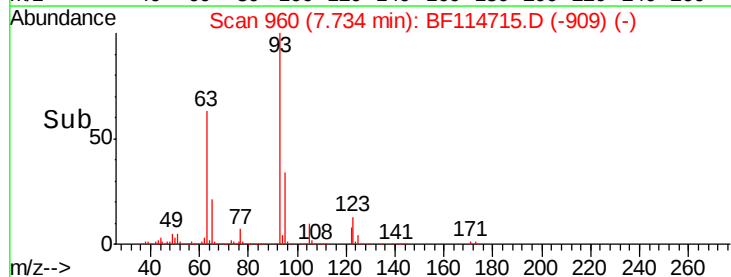
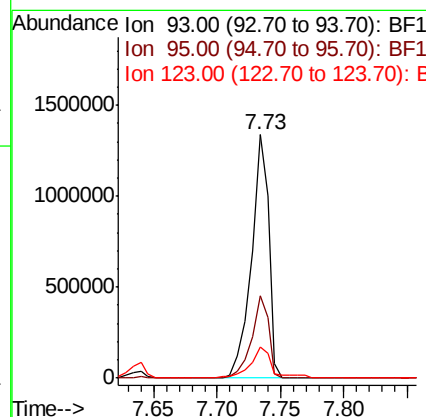
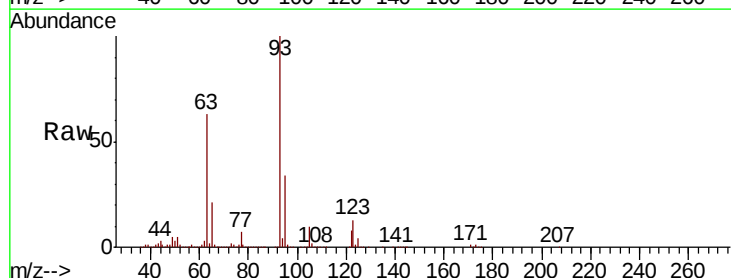
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

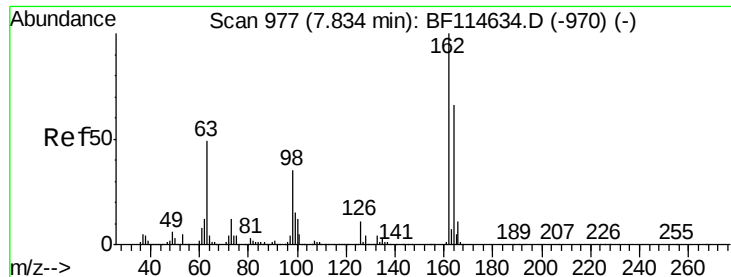
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.9	89.3	133.9
121	58.5	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.285 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	12.7	10.2	15.2

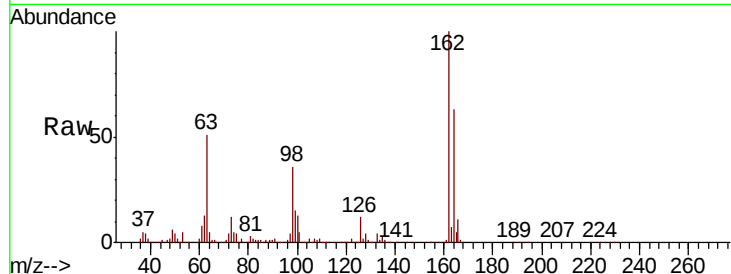




#29
 2,4-Dichlorophenol
 Concen: 41.125 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.8	85.8
98	36.4	14.9	54.9

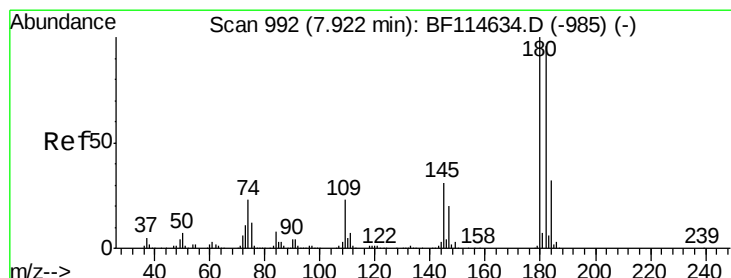
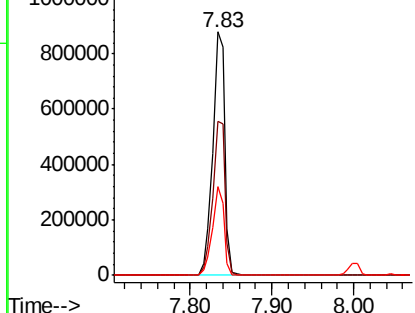
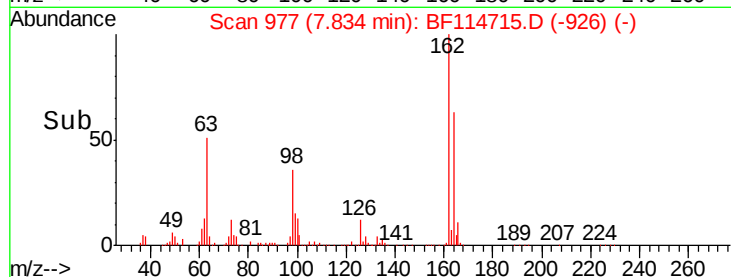


Abundance

Ion 162.00 (161.70 to 162.70): E

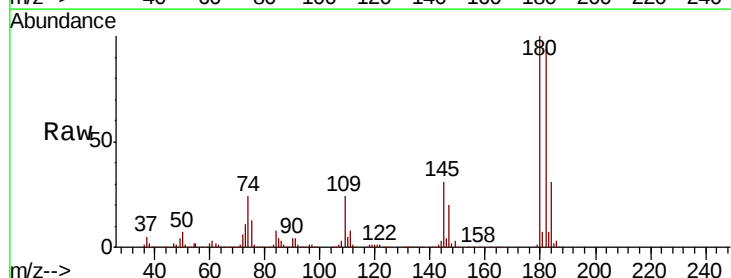
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.960 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.9	115.3
145	30.9	24.5	36.7

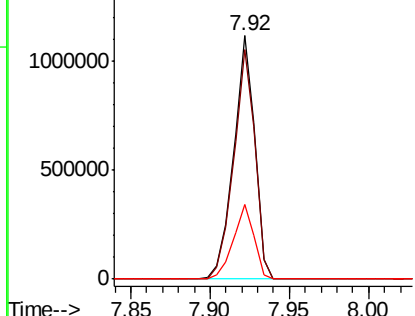
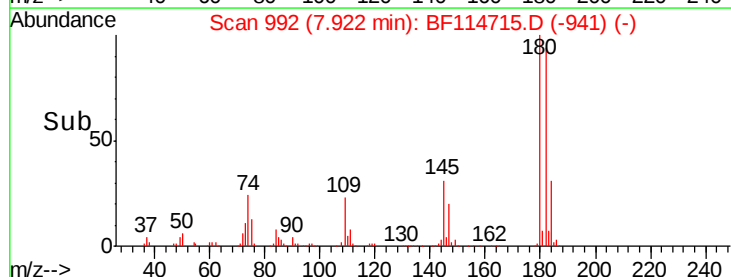


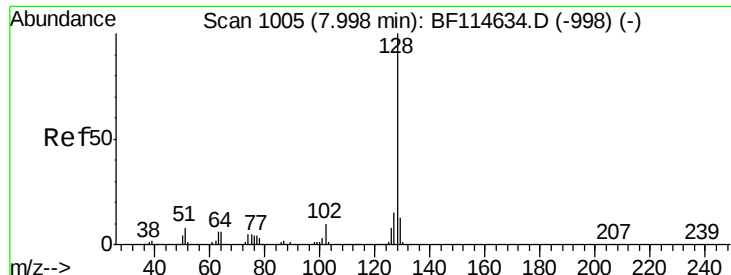
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

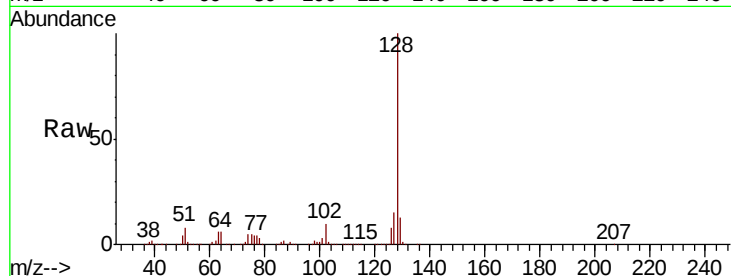




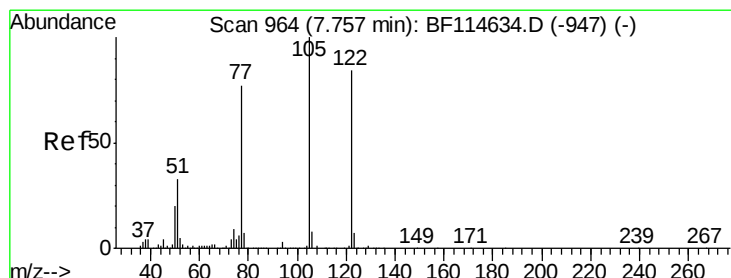
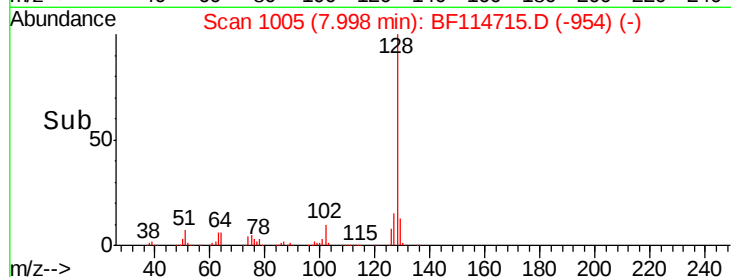
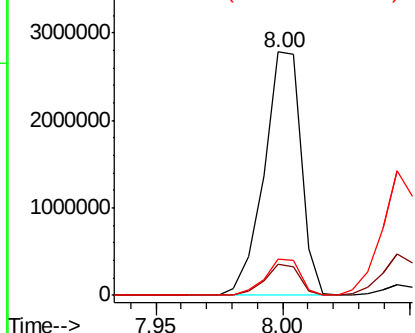
#31
Naphthalene
Concen: 38.949 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 2820345
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.7 11.9 17.9

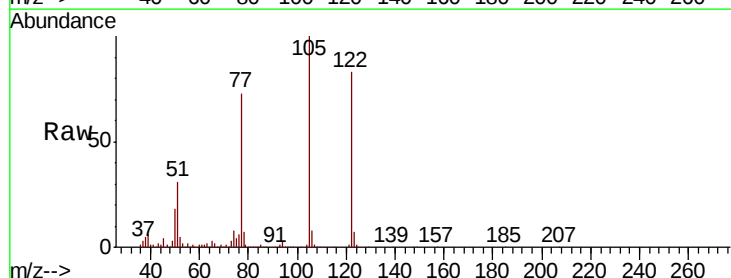


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

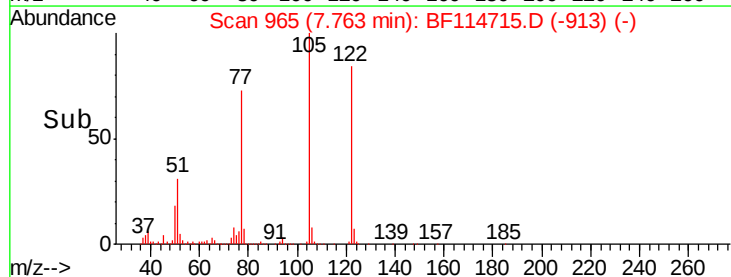
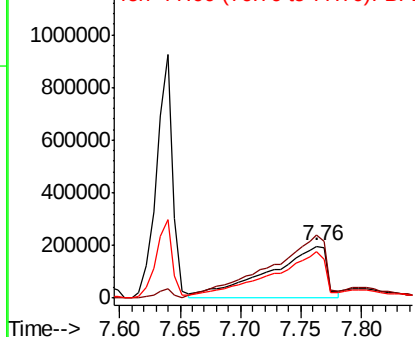


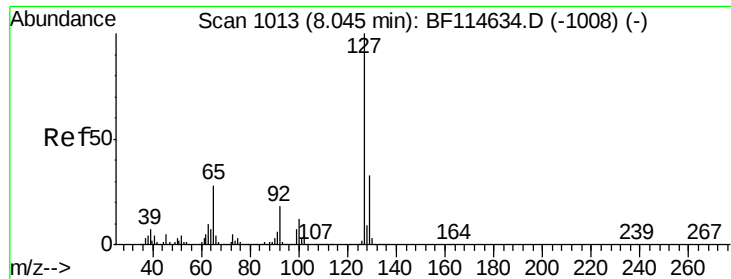
#32
Benzoic acid
Concen: 46.735 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:122 Resp: 657755
Ion Ratio Lower Upper
122 100
105 119.9 98.3 138.3
77 87.8 70.7 110.7



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

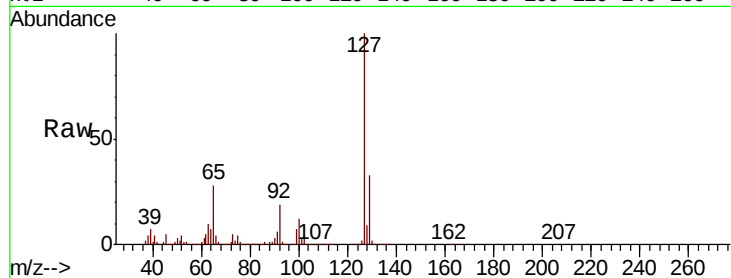




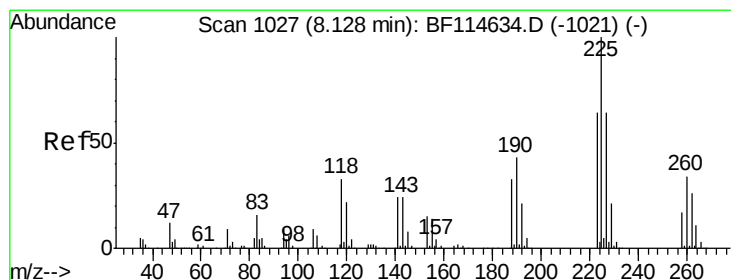
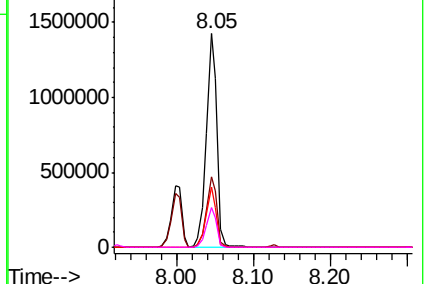
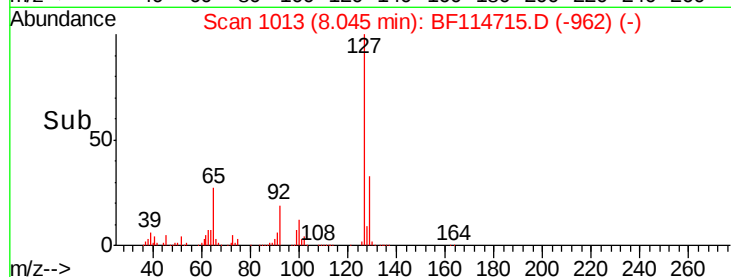
#33
4-Chloroaniline
Concen: 39.329 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	1356800
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.7	40.1
65	28.4	22.5	33.7
92	18.8	14.6	22.0

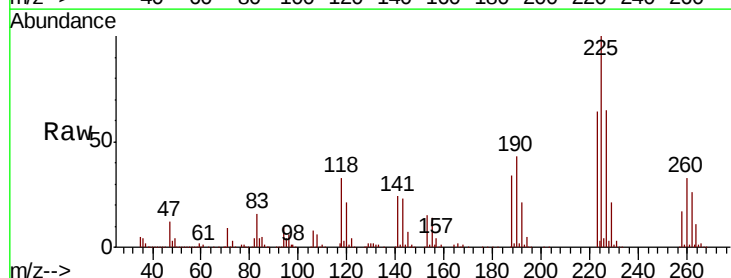


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

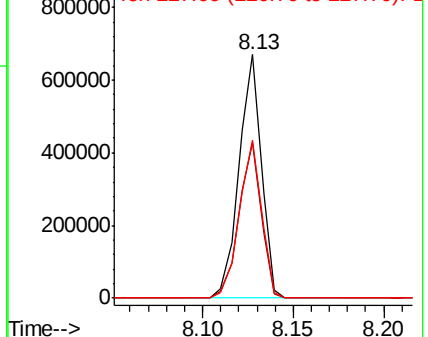
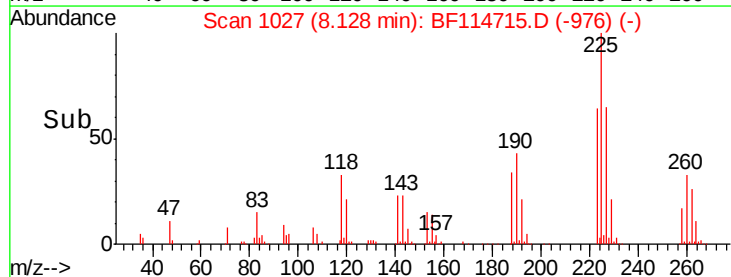


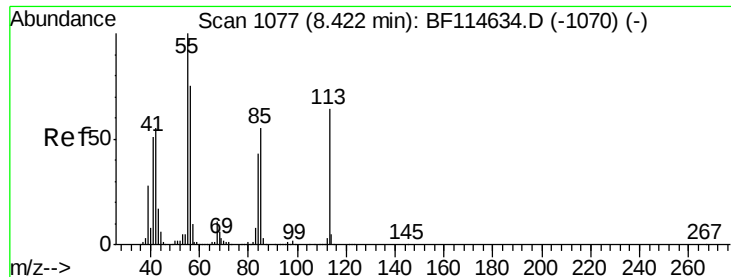
#34
Hexachlorobutadiene
Concen: 41.088 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:	225	Resp:	573557
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	64.8	51.3	76.9



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

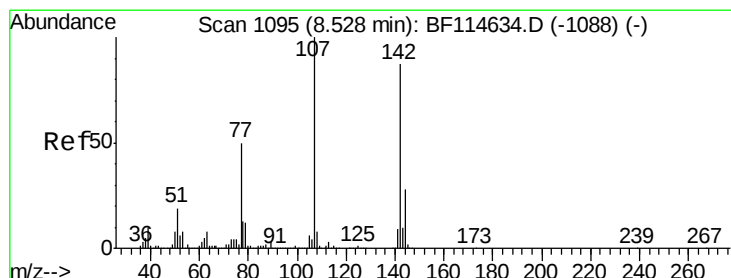
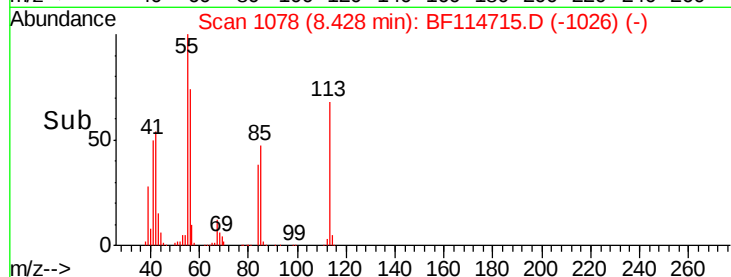
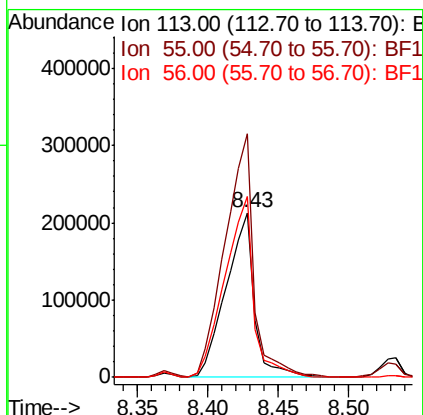
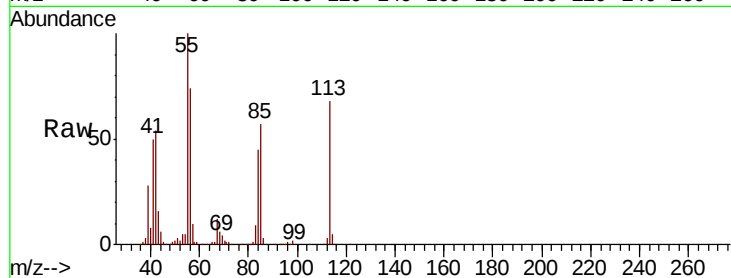




#35
 Caprolactam
 Concen: 39.718 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

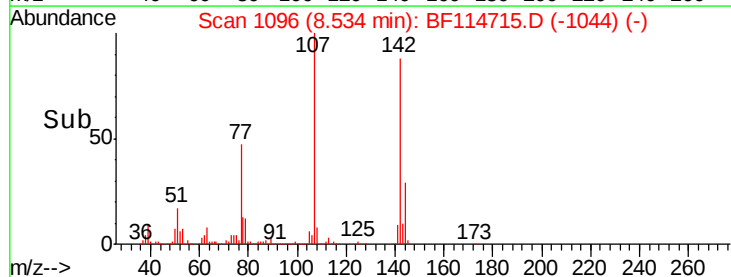
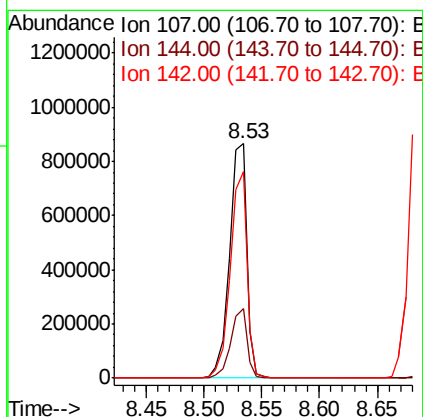
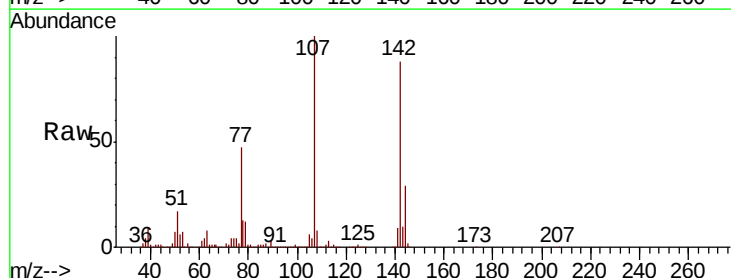
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

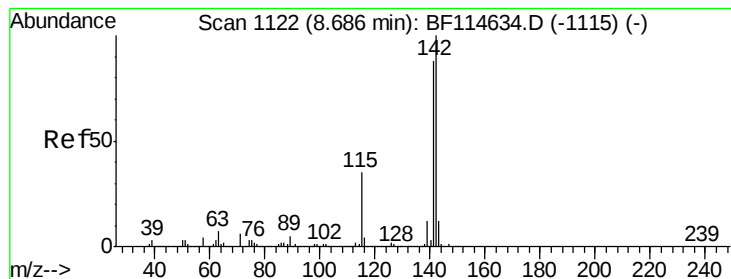
Tgt Ion:113 Resp: 295625
 Ion Ratio Lower Upper
 113 100
 55 147.9 136.4 176.4
 56 109.9 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.578 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:107 Resp: 897527
 Ion Ratio Lower Upper
 107 100
 144 29.5 22.5 33.7
 142 88.1 69.8 104.6





#37

2-Methylnaphthalene

Concen: 40.314 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

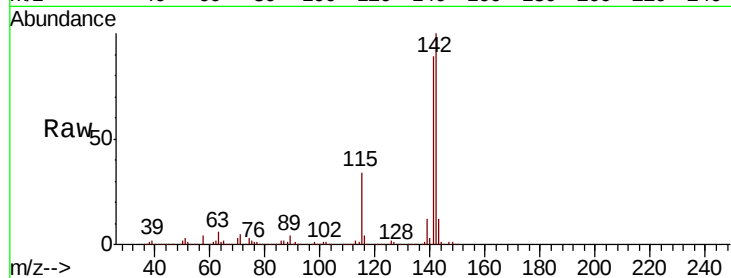
Tgt Ion:142 Resp: 1939571

Ion Ratio Lower Upper

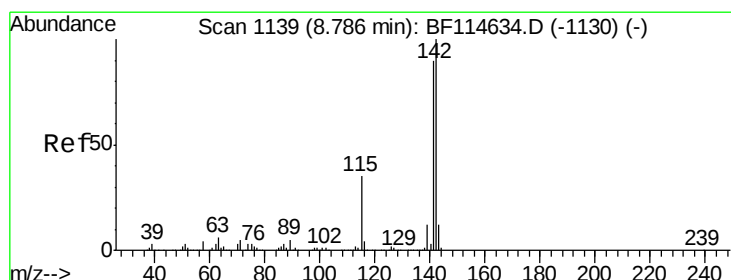
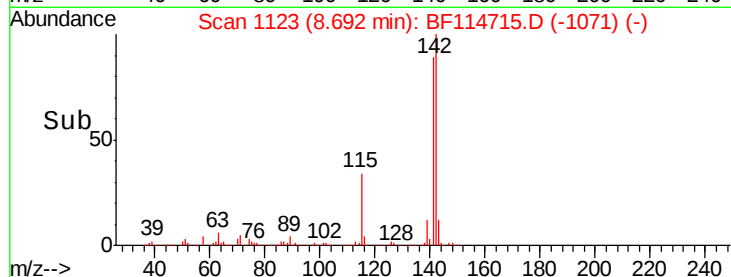
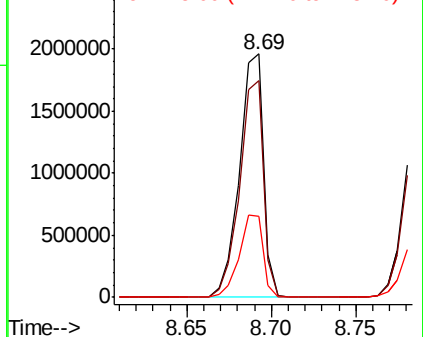
142 100

141 89.1 70.3 105.5

115 33.5 28.0 42.0



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



#38

1-Methylnaphthalene

Concen: 40.572 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

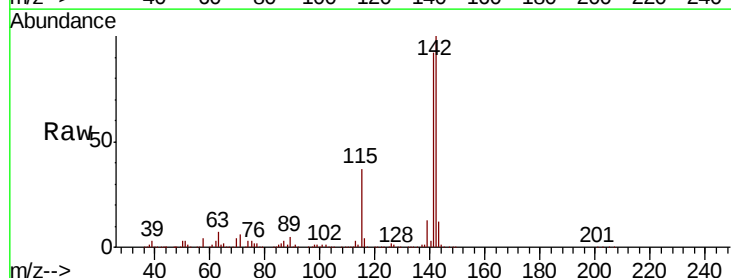
Tgt Ion:142 Resp: 1849394

Ion Ratio Lower Upper

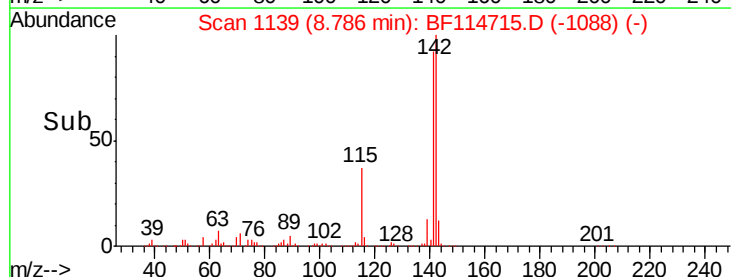
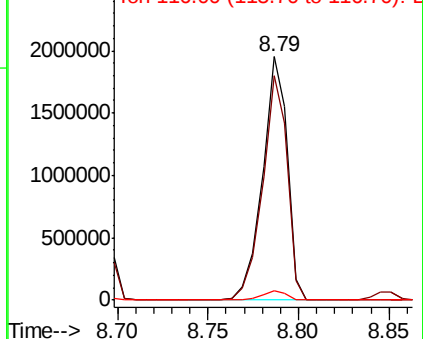
142 100

141 92.0 72.3 108.5

116 4.0 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

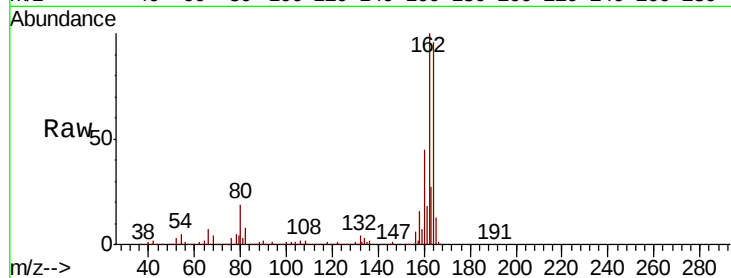
Tgt Ion:164 Resp: 769551

Ion Ratio Lower Upper

164 100

162 104.1 81.4 122.2

160 46.8 36.6 54.8

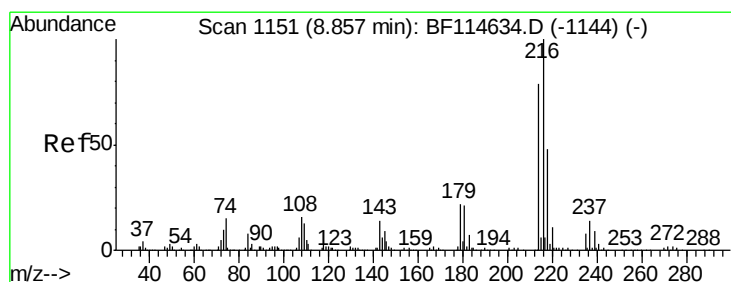
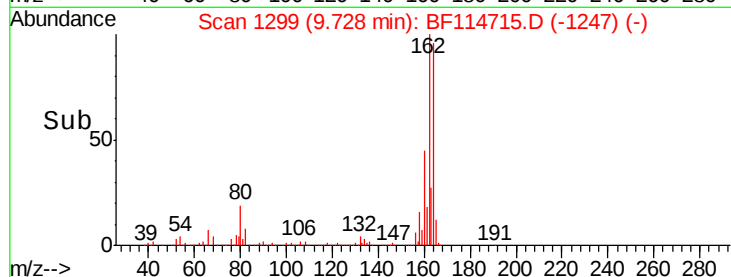
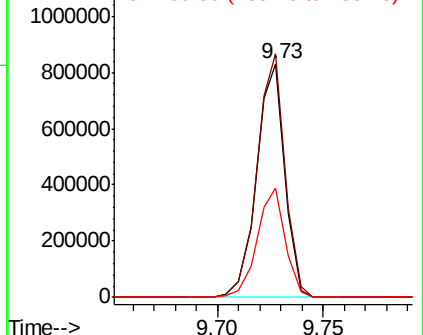


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.001 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Tgt Ion:216 Resp: 881241

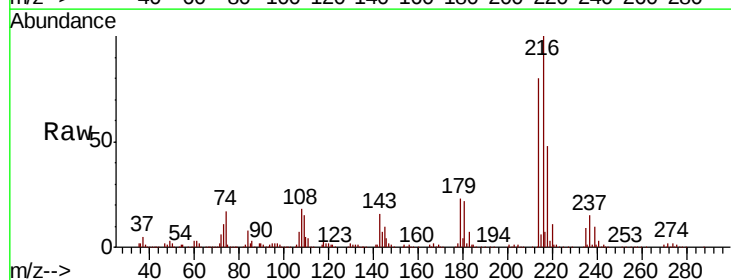
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 22.7 17.9 26.9

108 19.0 15.8 23.8



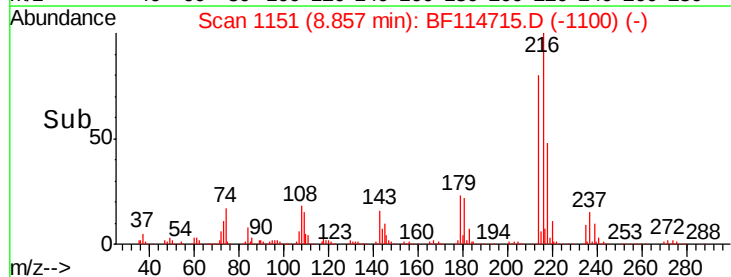
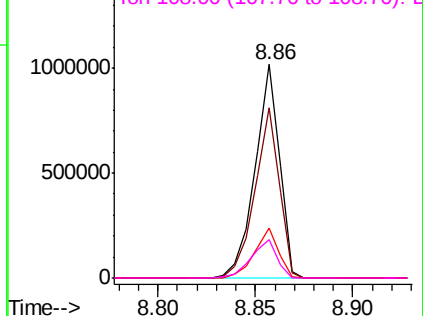
Abundance

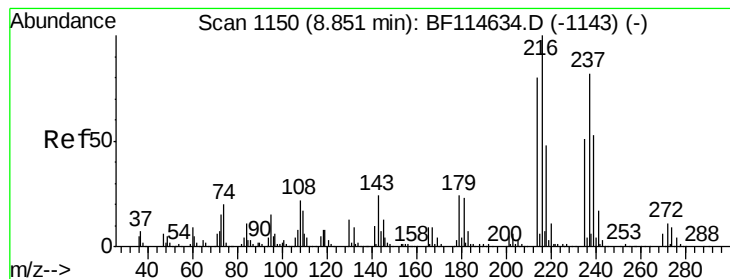
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.803 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

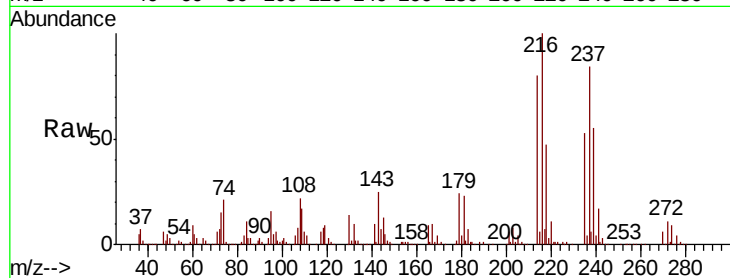
Tgt Ion: 237 Resp: 457788

Ion Ratio Lower Upper

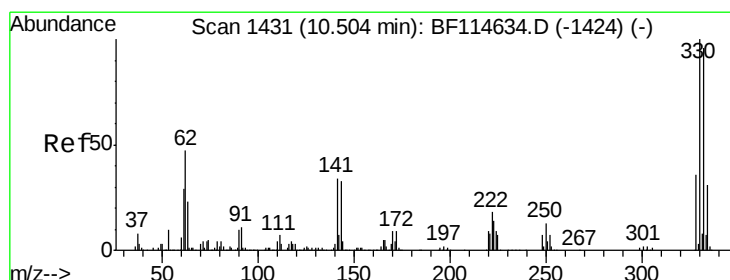
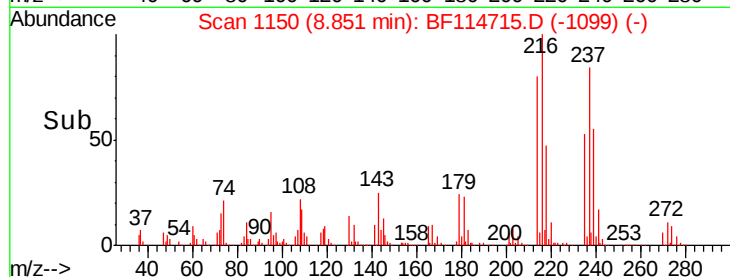
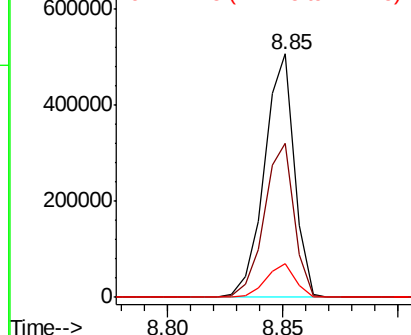
237 100

235 63.1 42.8 82.8

272 13.6 0.0 33.7



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: 84.403 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

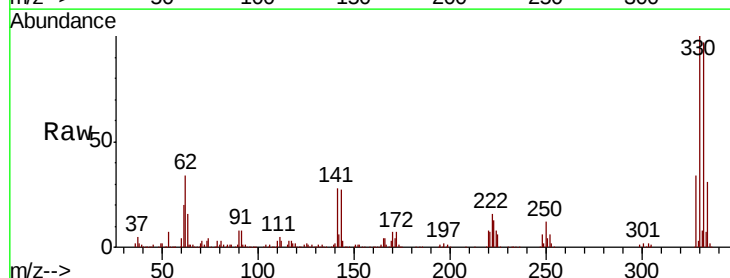
Tgt Ion: 330 Resp: 618891

Ion Ratio Lower Upper

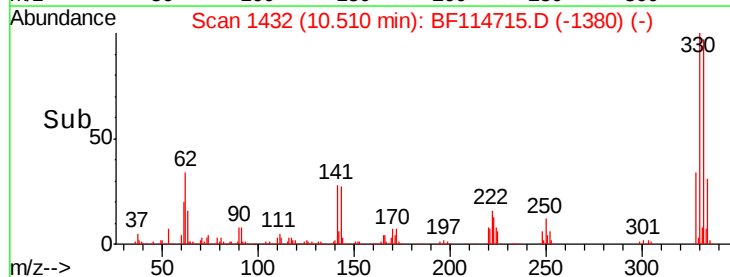
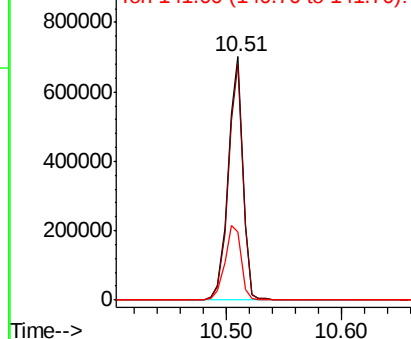
330 100

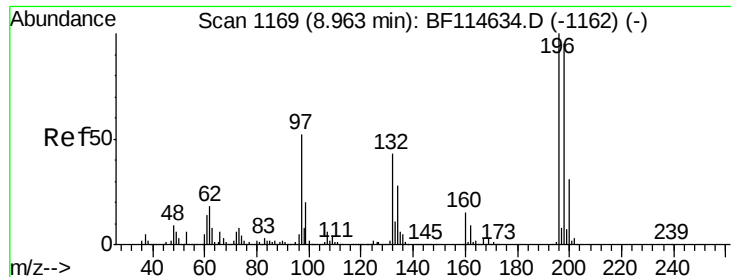
332 96.6 75.8 113.8

141 33.8 27.8 41.8



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

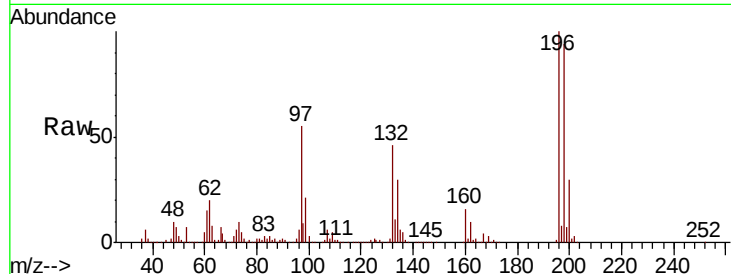




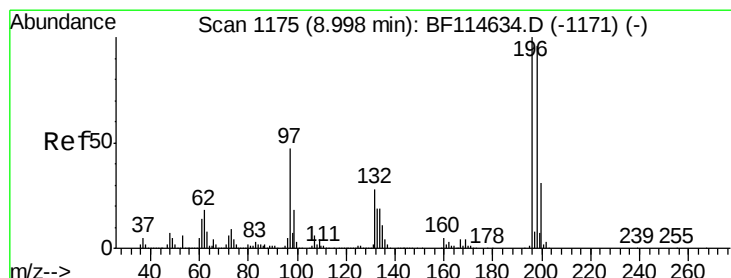
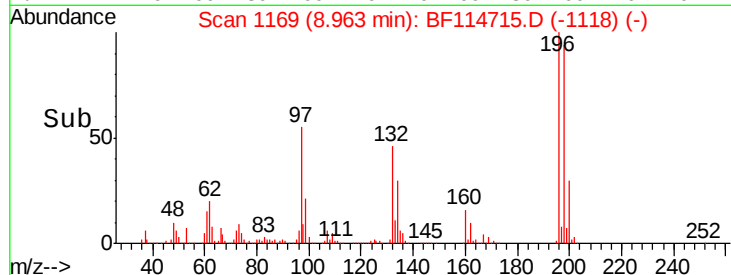
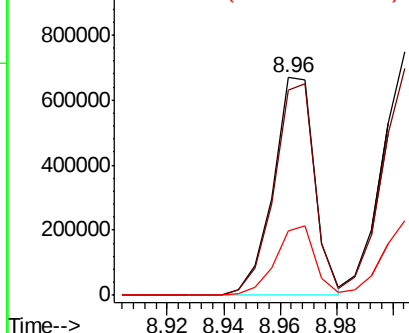
#43
 2,4,6-Trichlorophenol
 Concen: 42.040 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 677911
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.1 114.1
 200 29.8 24.7 37.1

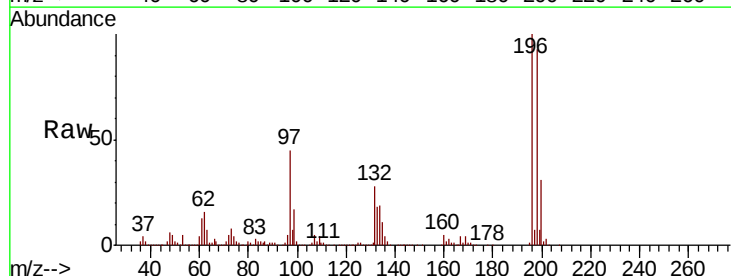


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

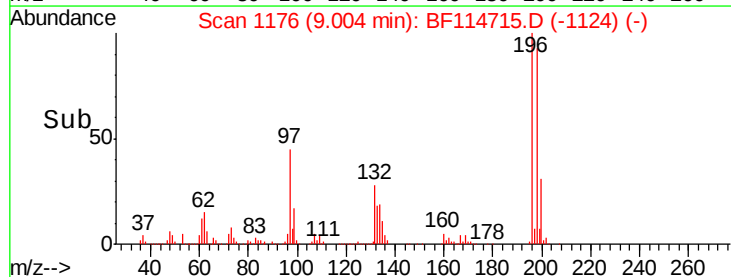
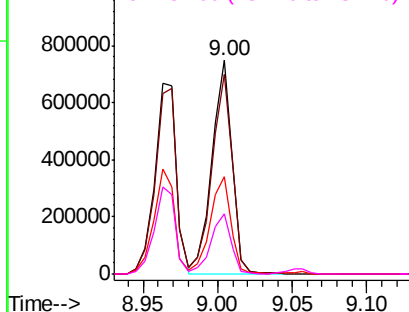


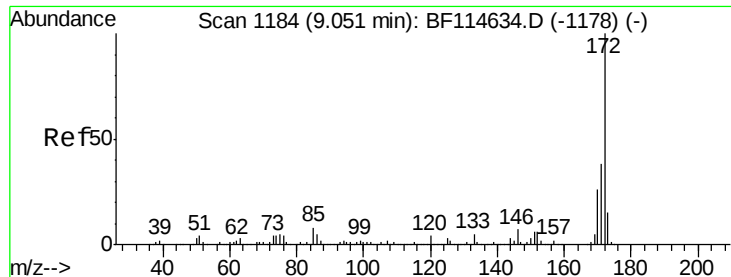
#44
 2,4,5-Trichlorophenol
 Concen: 43.128 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:196 Resp: 693988
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.8 115.2
 97 45.4 37.8 56.8
 132 28.2 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

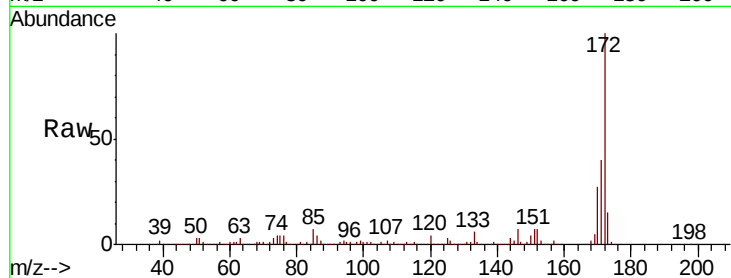




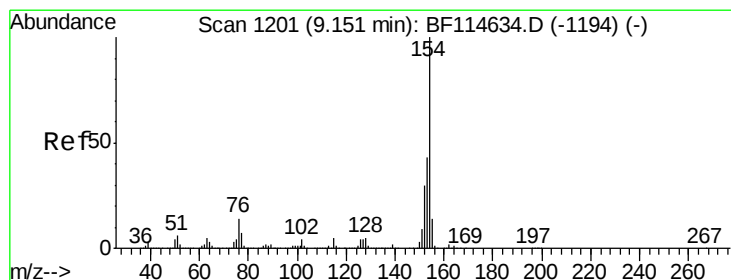
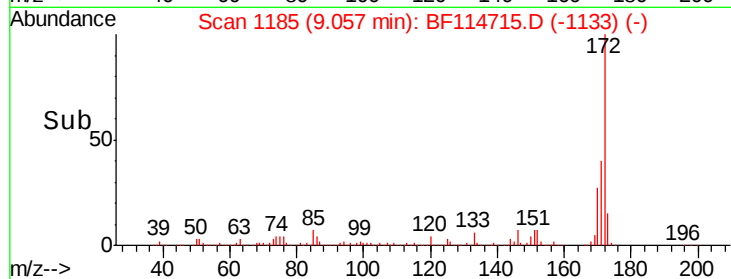
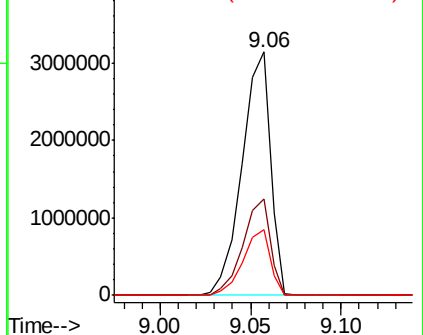
#45
 2-Fluorobiphenyl
 Concen: 83.573 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:172 Resp: 3434693
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.6 45.8
 170 27.2 20.7 31.1

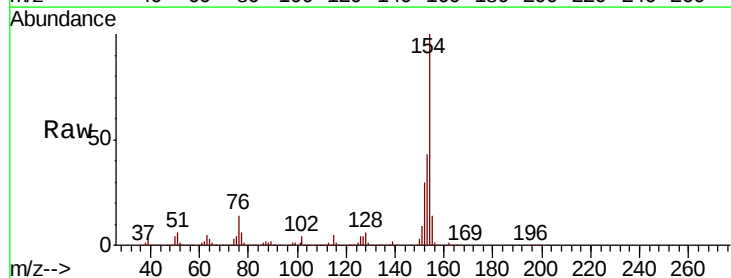


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

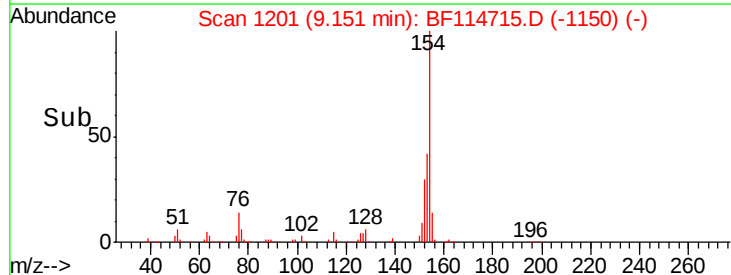
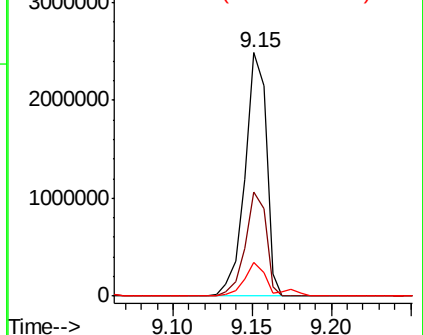


#46
 1,1'-Biphenyl
 Concen: 40.473 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:154 Resp: 2311972
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.0 63.0
 76 13.9 0.0 33.9



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

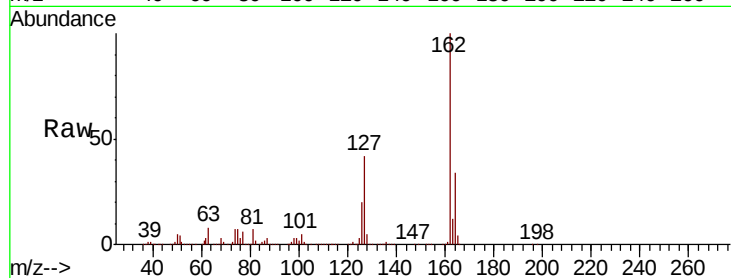




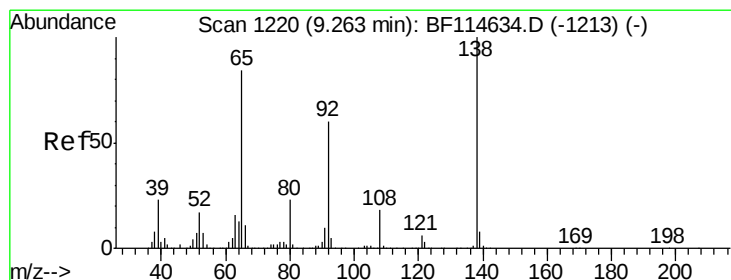
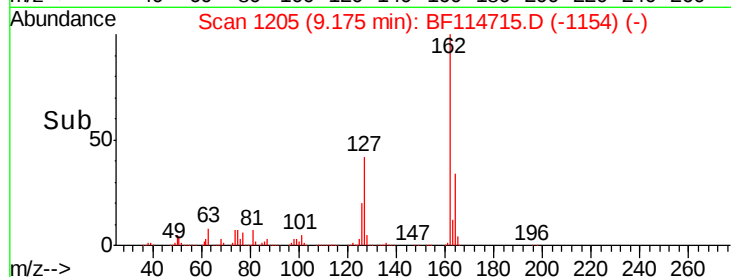
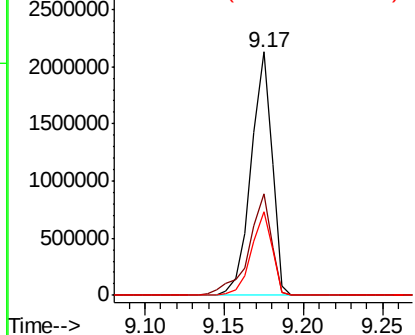
#47
 2-Chloronaphthalene
 Concen: 41.543 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 162 Resp: 1946669
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.2 48.2
 164 34.3 27.8 41.6

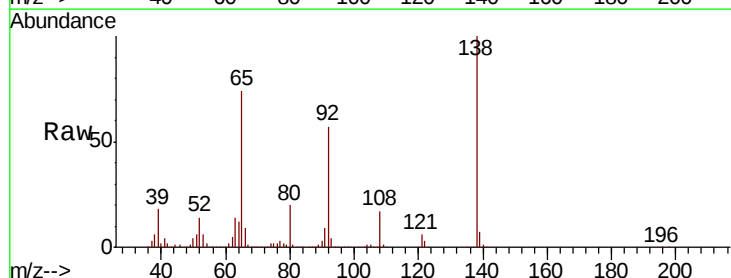


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

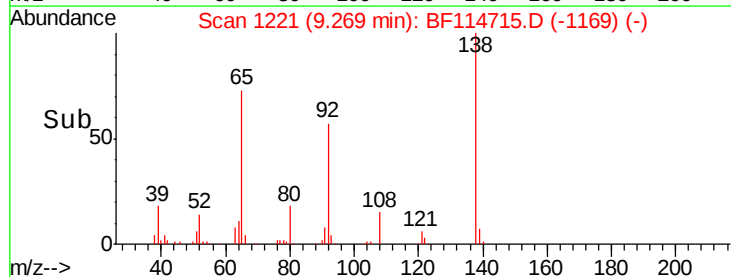
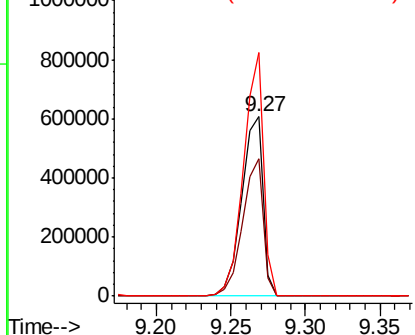


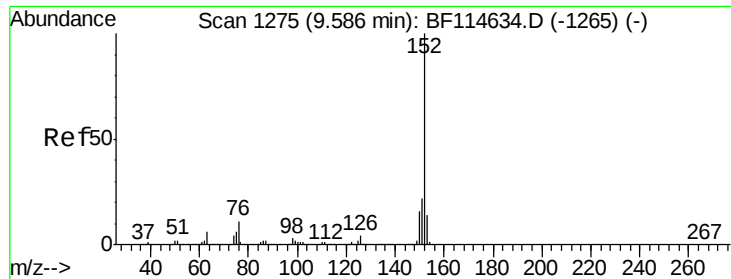
#48
 2-Nitroaniline
 Concen: 41.826 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion: 65 Resp: 604821
 Ion Ratio Lower Upper
 65 100
 92 76.9 57.1 85.7
 138 136.0 95.8 143.6



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: 39.190 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

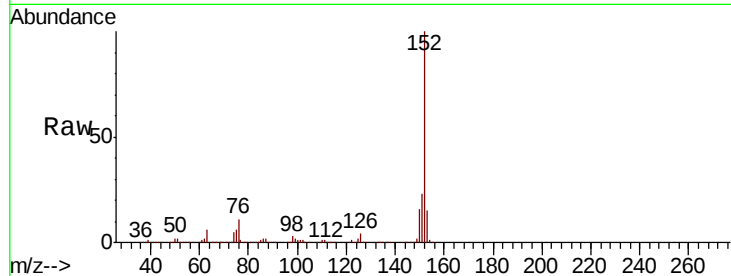
Tgt Ion:152 Resp: 2836989

Ion Ratio Lower Upper

152 100

151 23.0 17.5 26.3

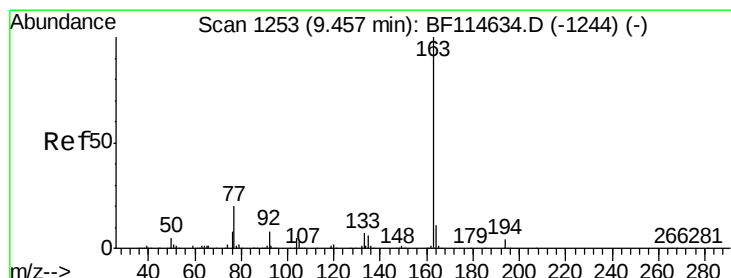
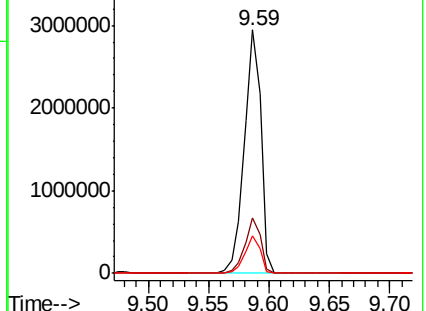
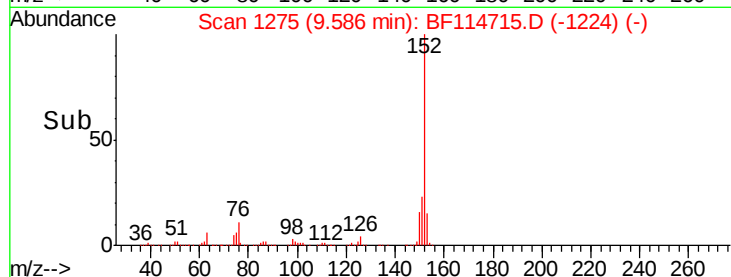
153 15.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.448 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

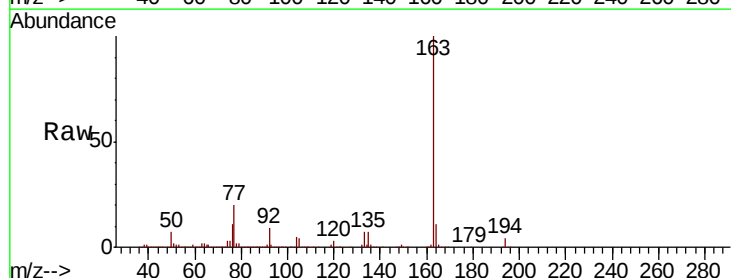
Tgt Ion:163 Resp: 2222561

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

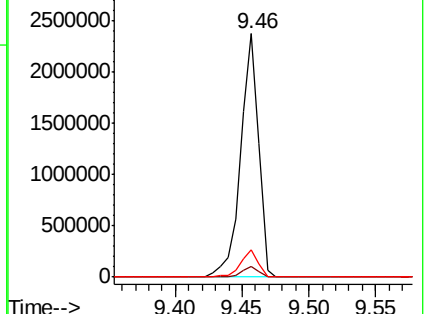
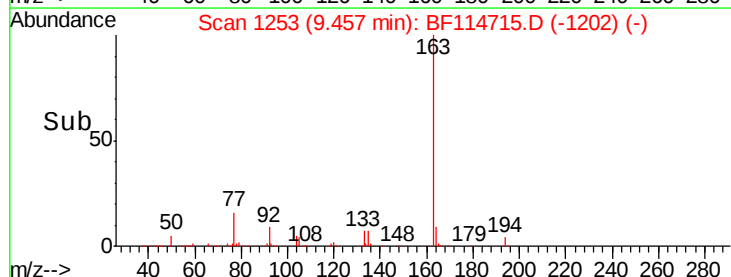
164 11.1 8.6 13.0

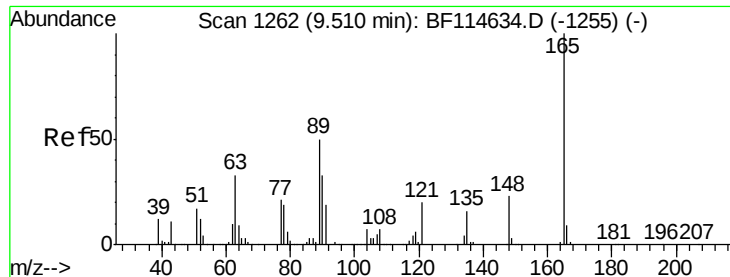


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

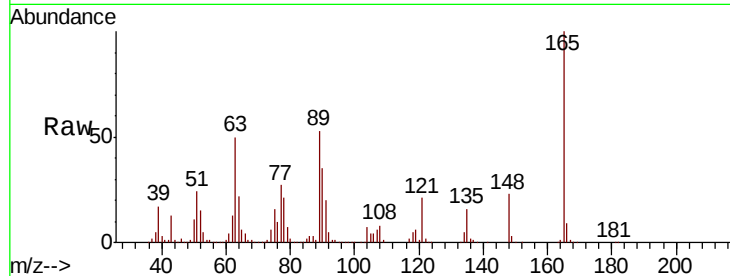




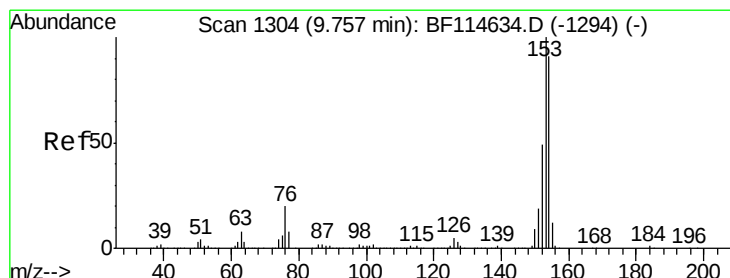
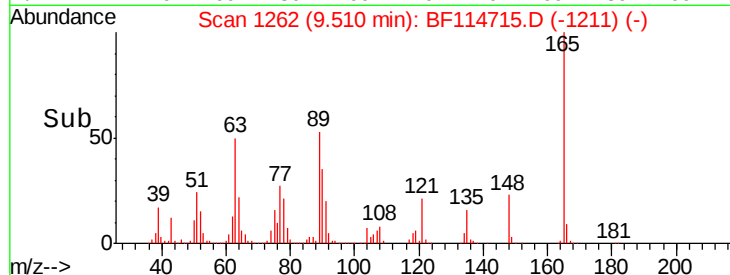
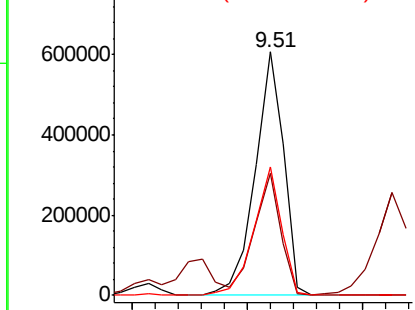
#51
 2,6-Dinitrotoluene
 Concen: 42.048 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 523920
 Ion Ratio Lower Upper
 165 100
 63 49.9 36.6 54.8
 89 52.7 40.2 60.4

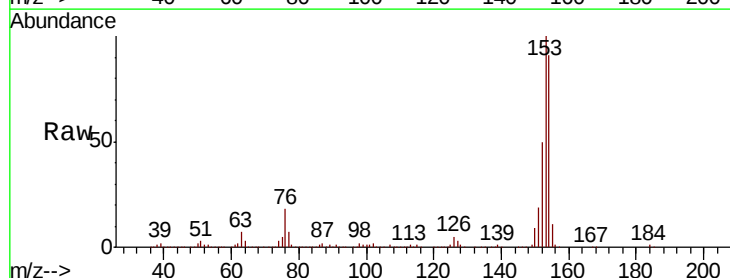


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

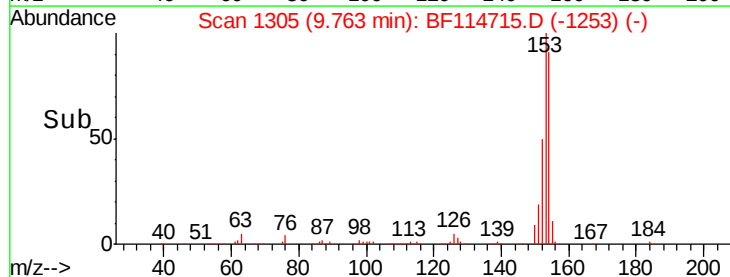
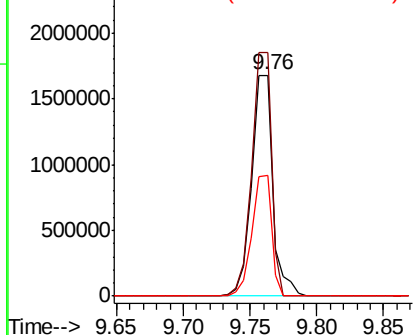


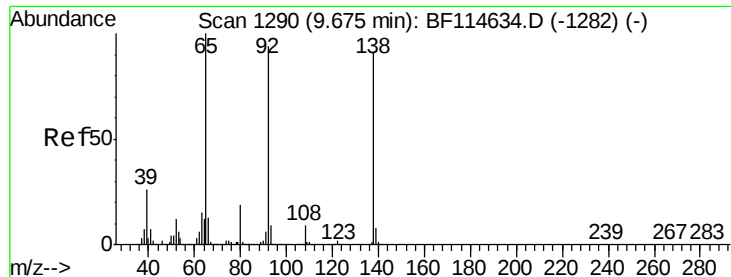
#52
 Acenaphthene
 Concen: 40.632 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:154 Resp: 1803918
 Ion Ratio Lower Upper
 154 100
 153 110.2 88.4 132.6
 152 54.8 43.4 65.0



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

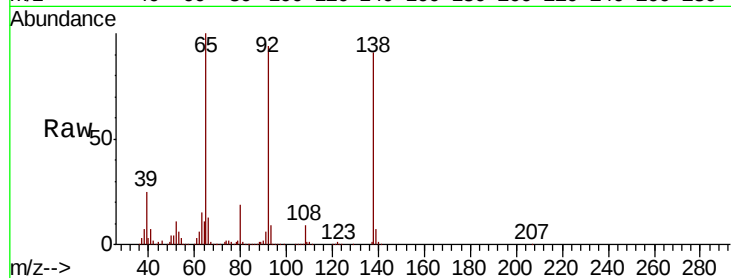




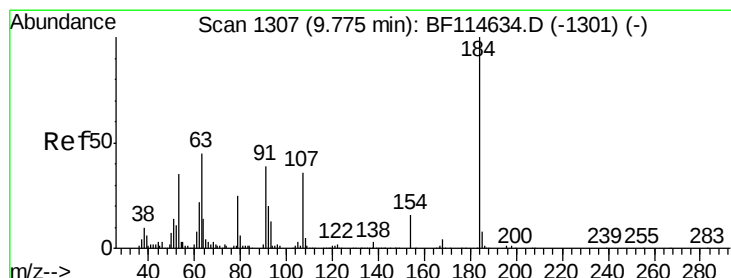
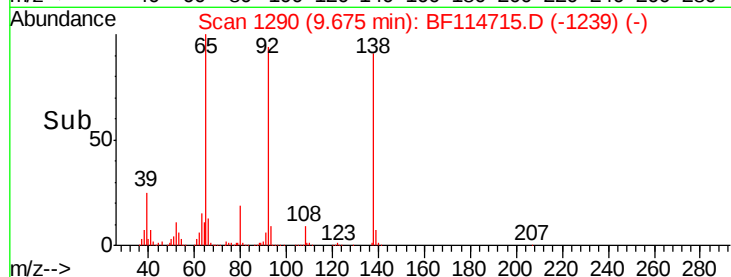
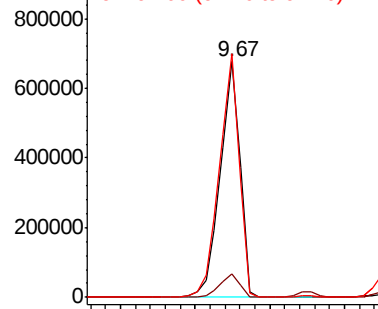
#53
3-Nitroaniline
Concen: 40.761 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	103.4	83.1	124.7

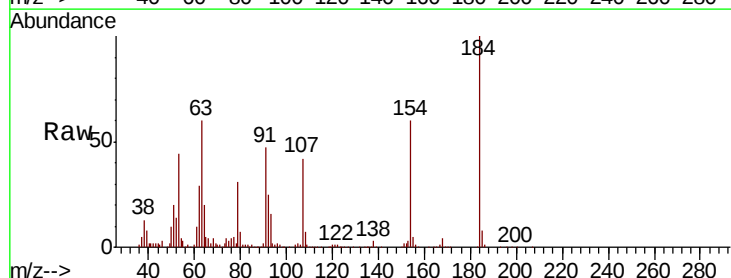


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

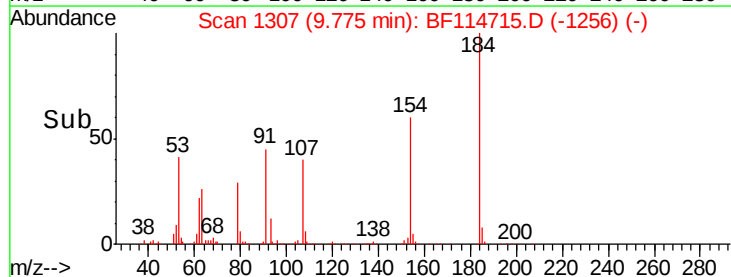
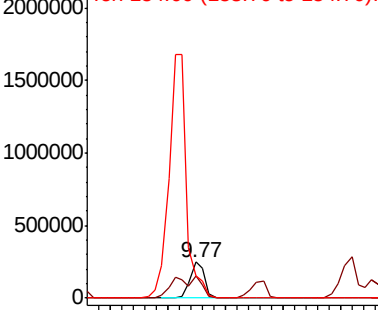


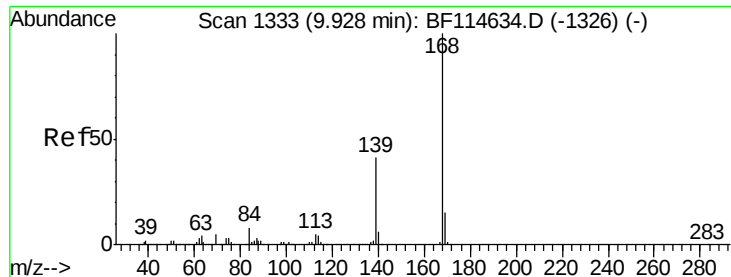
#54
2,4-Dinitrophenol
Concen: 44.748 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	38.8	58.2#
154	60.4	43.7	65.5



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

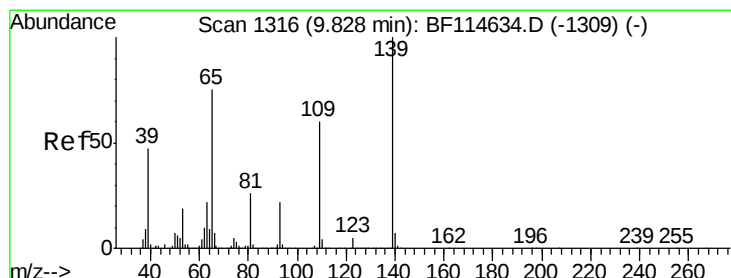
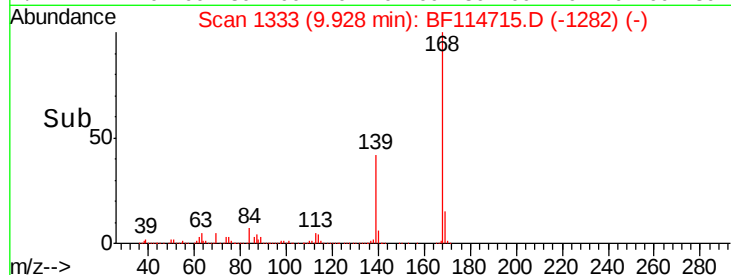
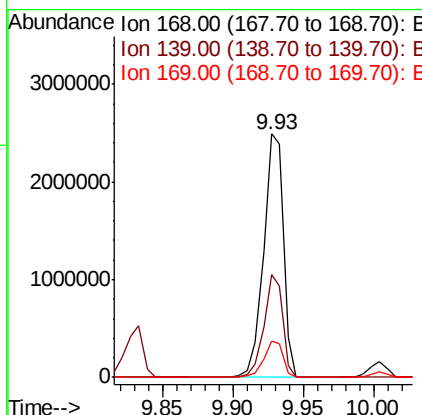
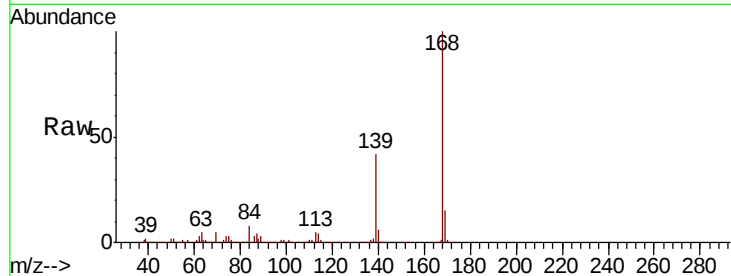




#55
Dibenzofuran
Concen: 39.158 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

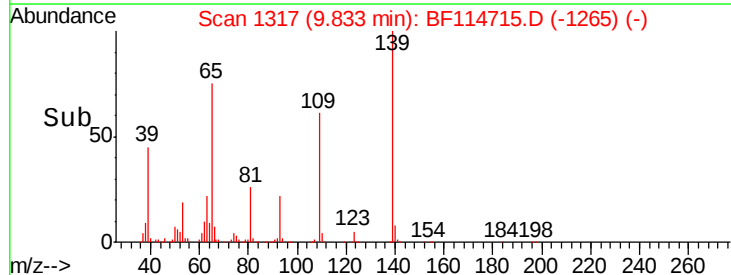
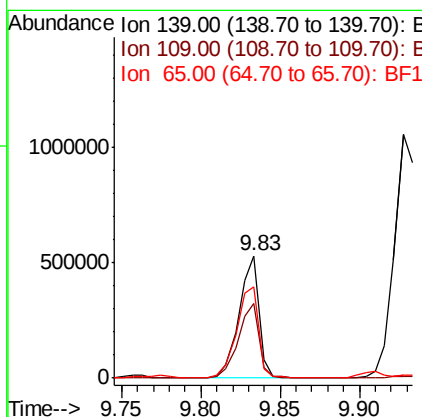
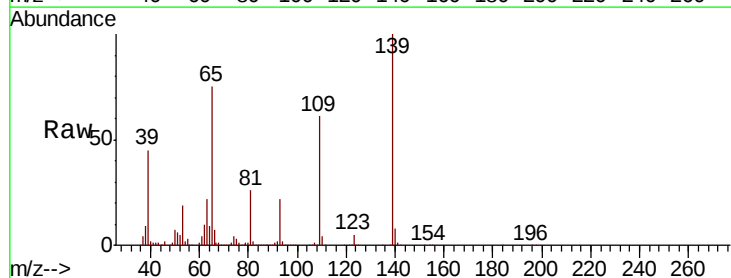
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

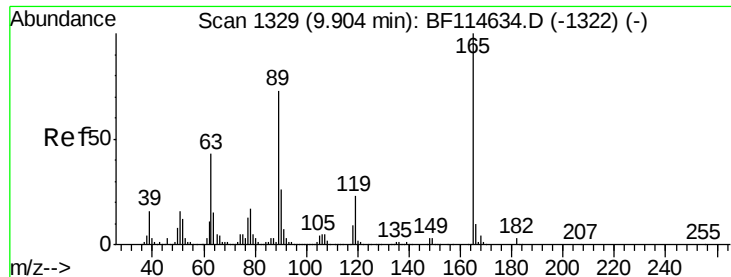
Tgt Ion:168 Resp: 2474601
Ion Ratio Lower Upper
168 100
139 42.3 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 41.246 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:139 Resp: 466120
Ion Ratio Lower Upper
139 100
109 61.4 40.4 80.4
65 74.8 54.7 94.7

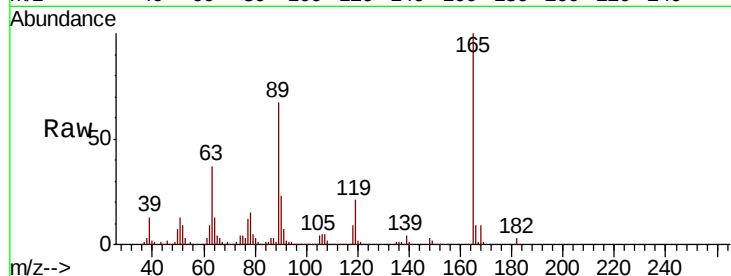




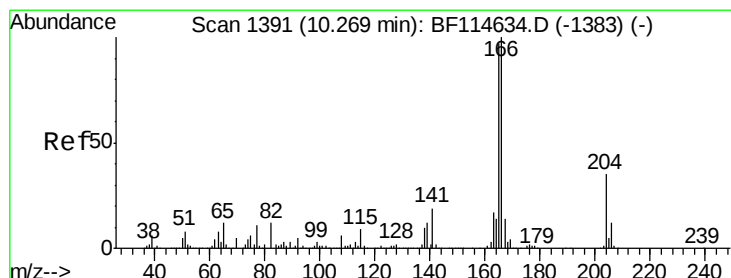
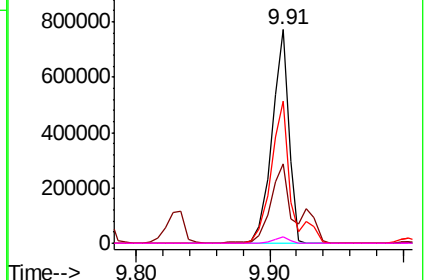
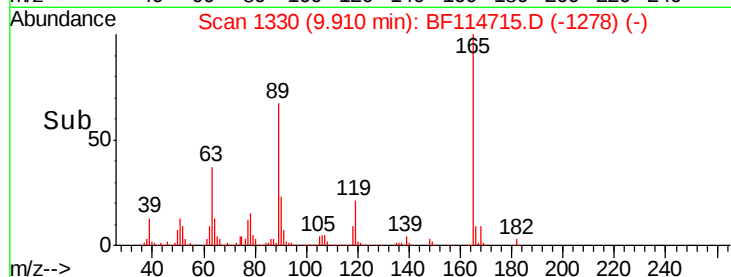
#57
 2,4-Dinitrotoluene
 Concen: 42.340 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:165 Resp: 677073
 Ion Ratio Lower Upper
 165 100
 63 37.1 34.8 52.2
 89 66.6 58.5 87.7
 182 2.7 2.2 3.2

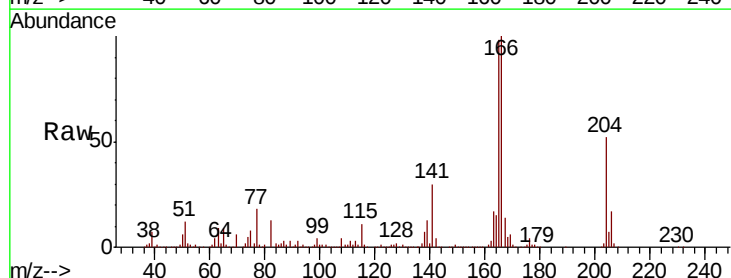


Abundance Ion 165.00 (164.70 to 165.70): E
 1200000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

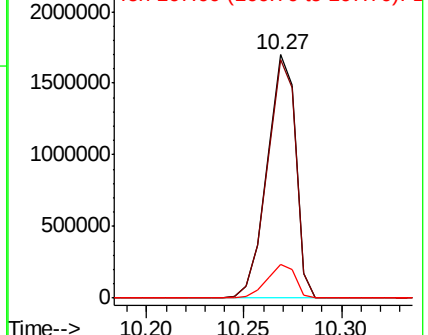
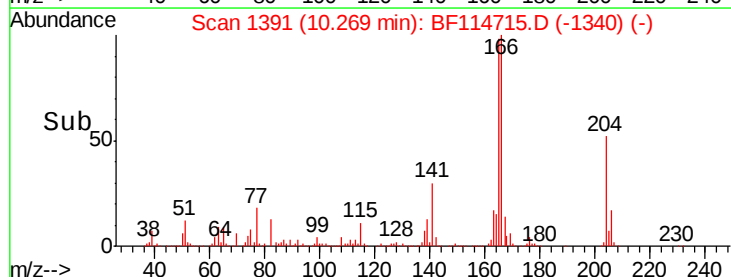


#58
 Fluorene
 Concen: 40.124 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:166 Resp: 1727069
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.6 116.4
 167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 2000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

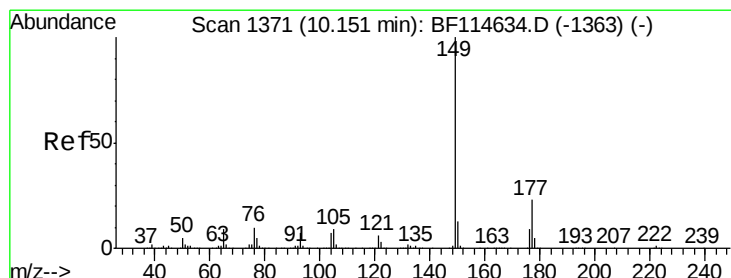
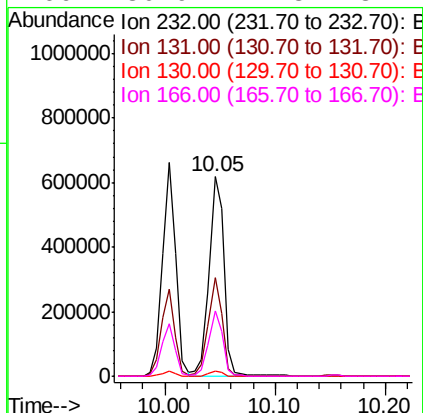
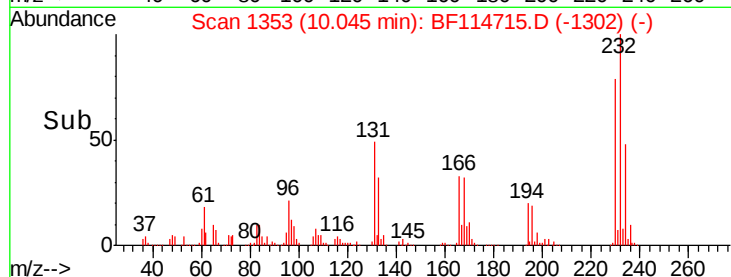
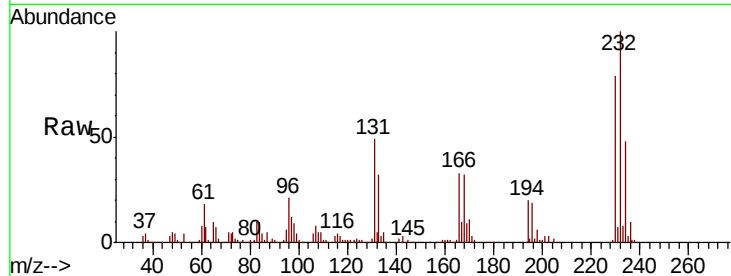




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.648 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

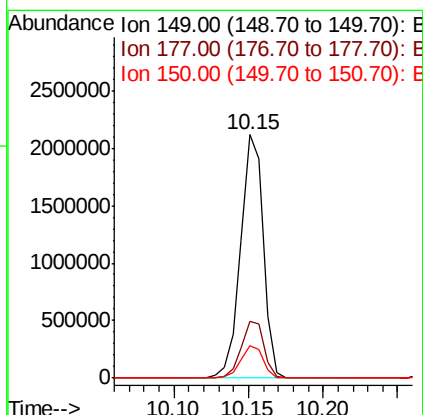
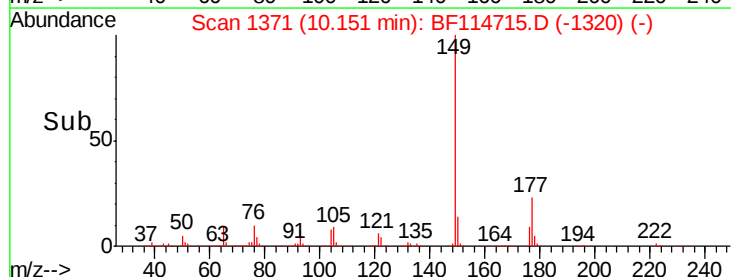
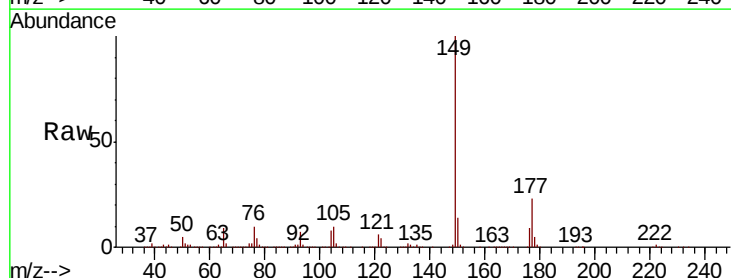
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

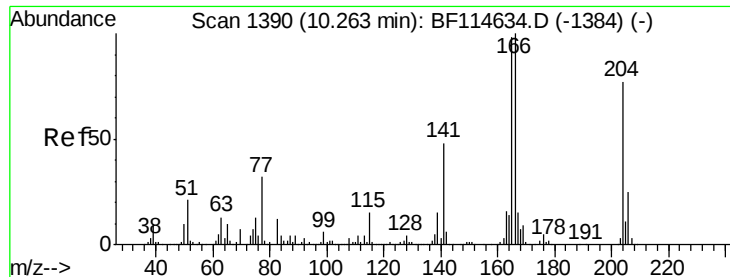
Tgt Ion: 232 Resp: 561721
Ion Ratio Lower Upper
232 100
131 45.9 37.2 55.8
130 2.2 1.8 2.8
166 30.9 24.8 37.2



#60
Diethylphthalate
Concen: 40.721 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion: 149 Resp: 2230205
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 13.5 10.6 15.8

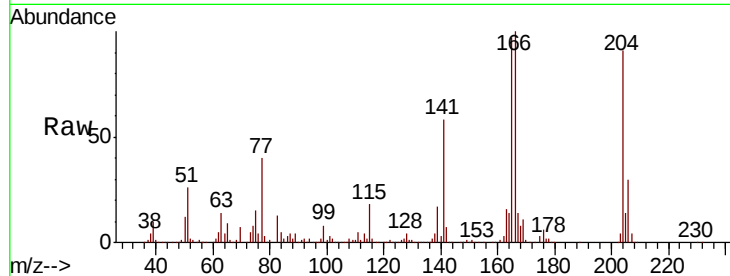




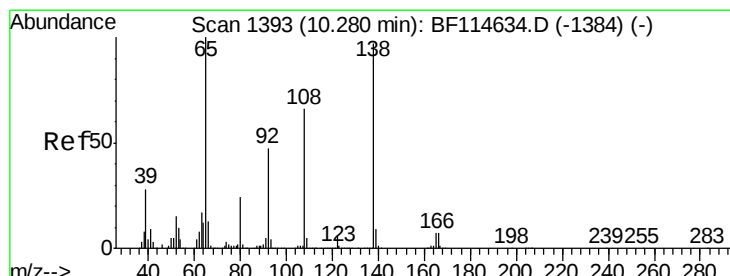
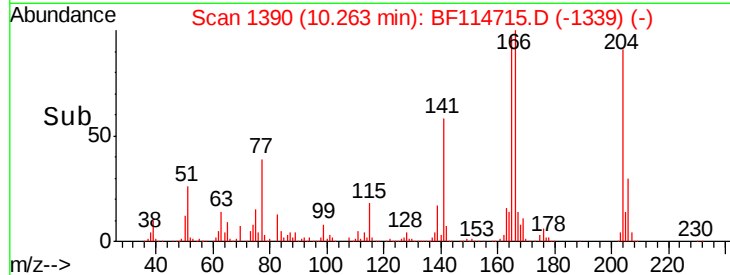
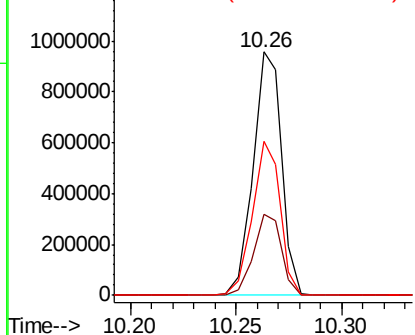
#61
4-Chlorophenyl-phenylether
Concen: 41.842 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 204 Resp: 898761
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 63.3 50.0 75.0

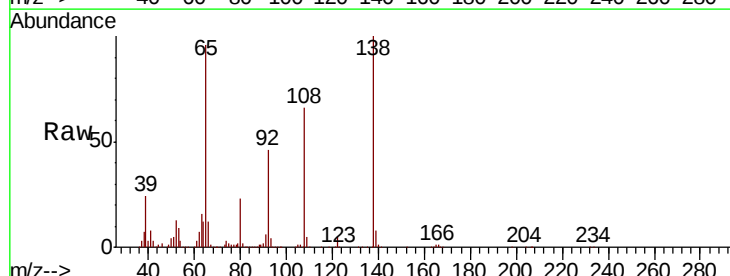


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

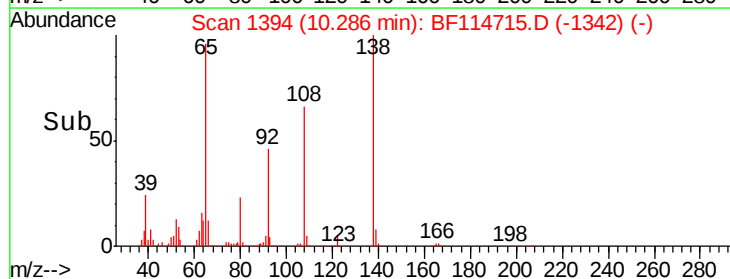
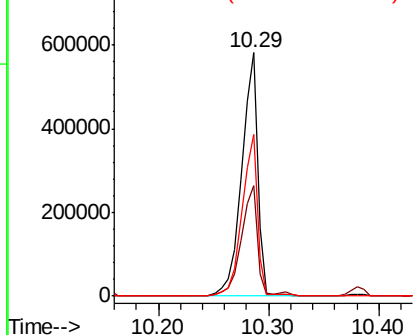


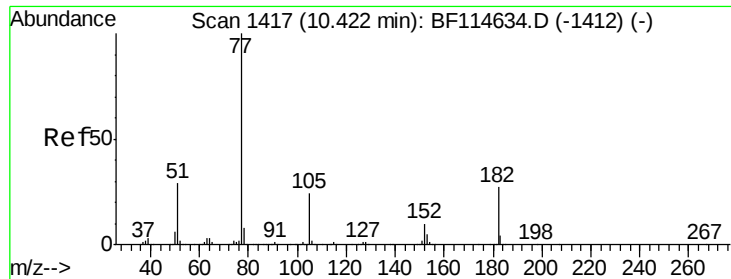
#62
4-Nitroaniline
Concen: 40.389 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion: 138 Resp: 600182
Ion Ratio Lower Upper
138 100
92 45.6 28.0 68.0
108 66.2 48.4 88.4



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





#63

Azobenzene

Concen: 38.522 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1937017

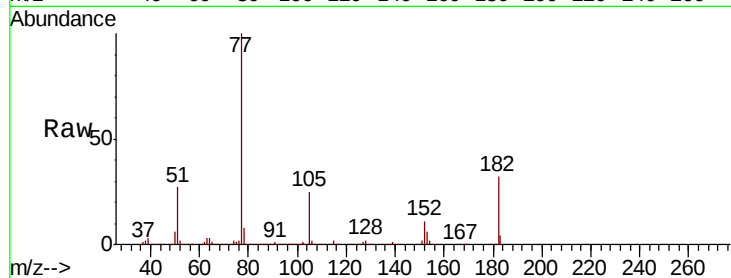
Ion Ratio Lower Upper

77 100

182 31.9 7.0 47.0

105 25.3 3.7 43.7

51 27.5 9.1 49.1

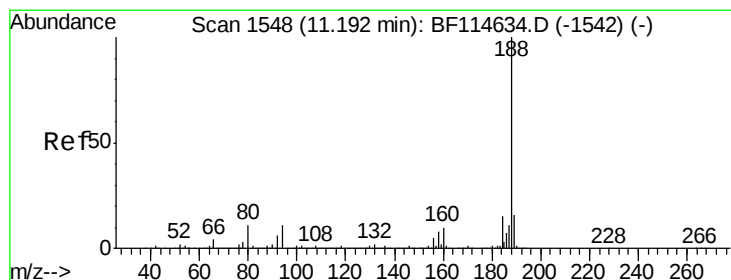
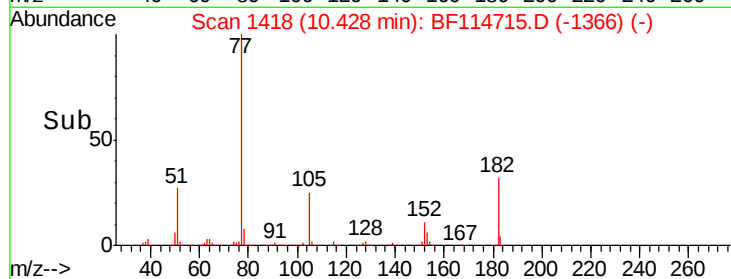
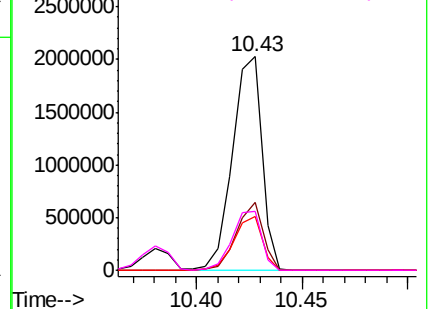


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1549

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

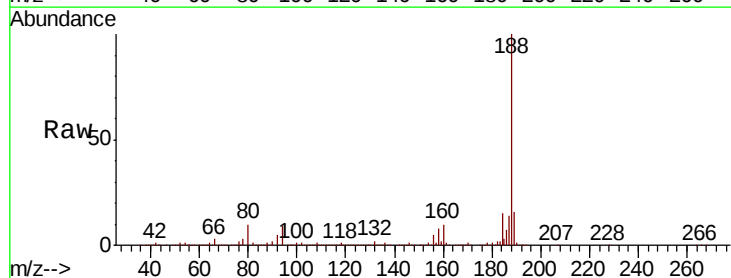
Tgt Ion: 188 Resp: 1446447

Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

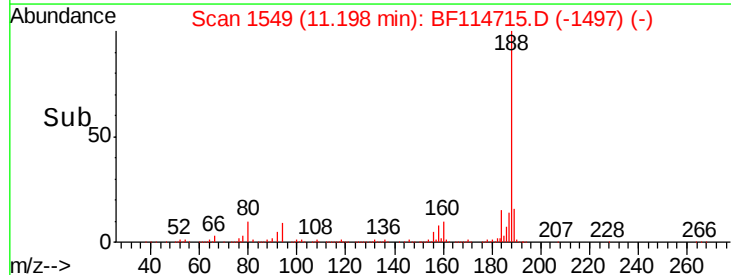
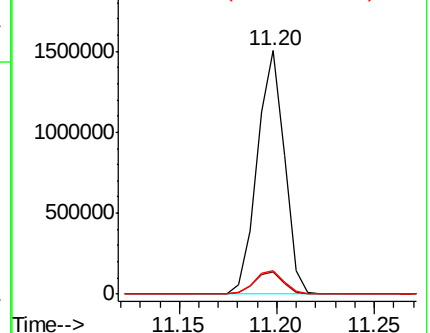
80 9.8 9.0 13.6

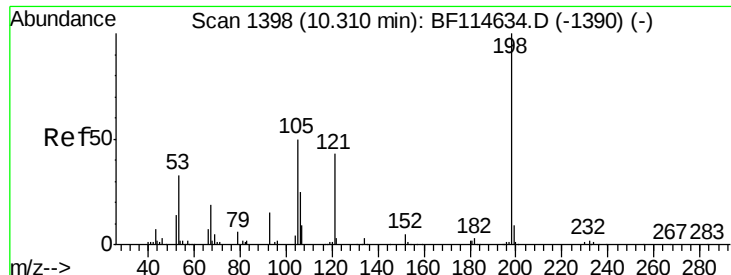


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

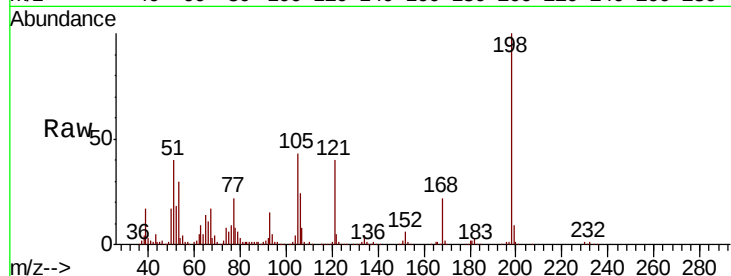




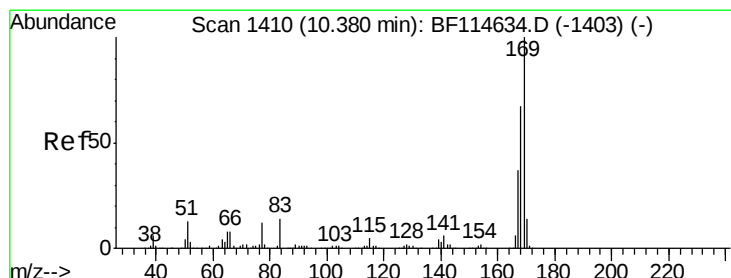
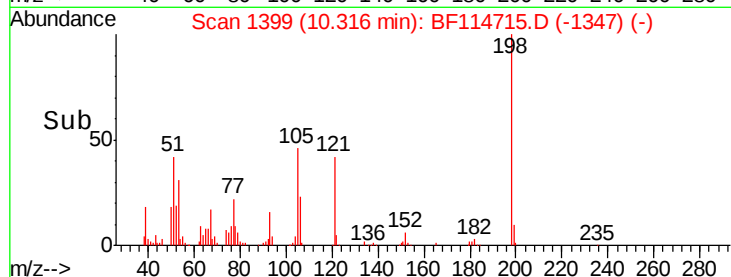
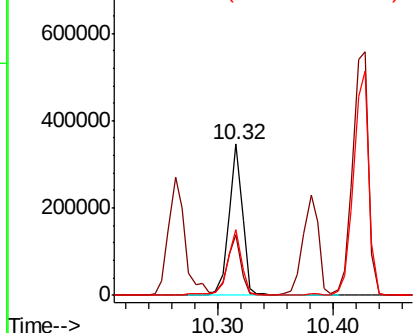
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.783 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:198 Resp: 280809
 Ion Ratio Lower Upper
 198 100
 51 40.0 29.0 69.0
 105 43.2 30.4 70.4

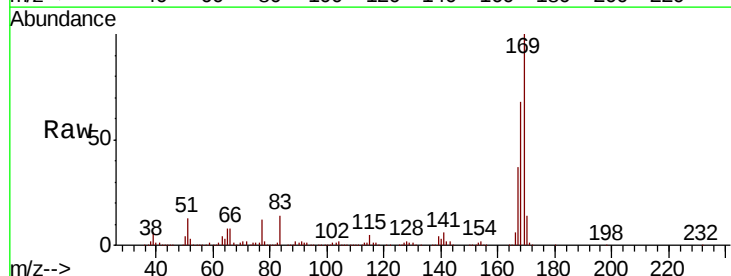


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

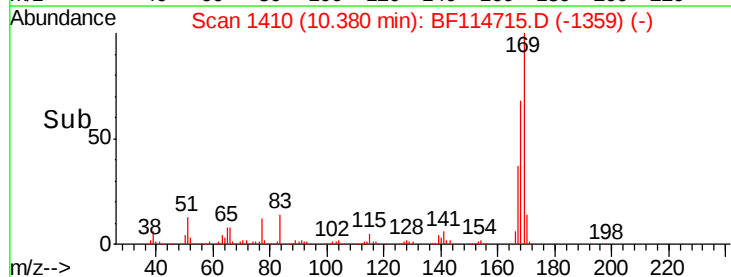
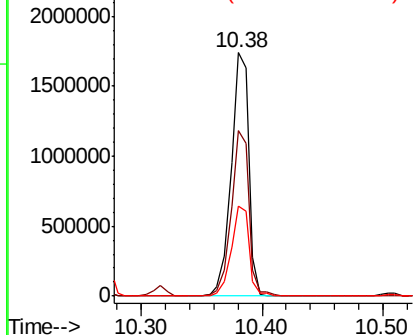


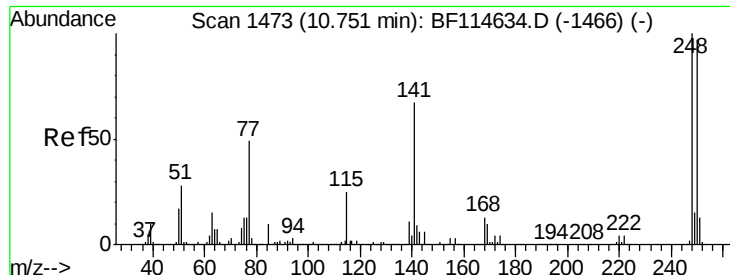
#66
 n-Nitrosodiphenylamine
 Concen: 41.244 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:169 Resp: 1762595
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.8 80.8
 167 37.1 29.8 44.6



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

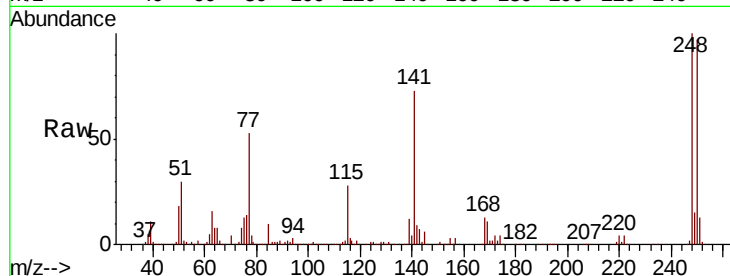




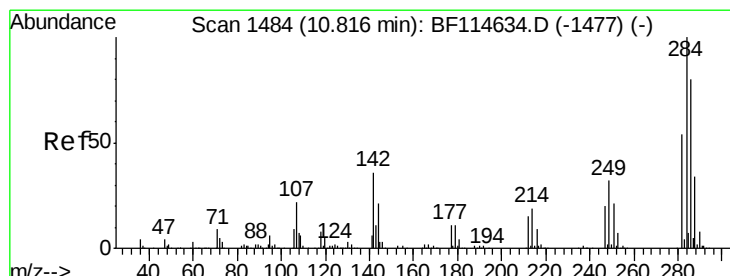
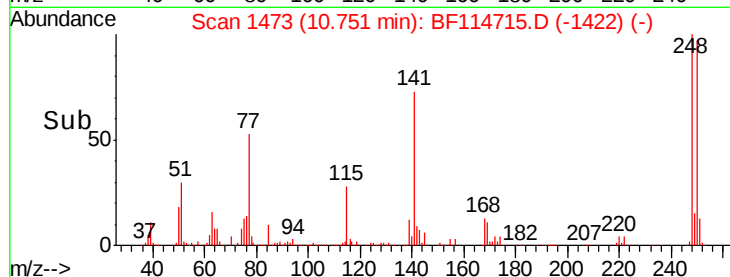
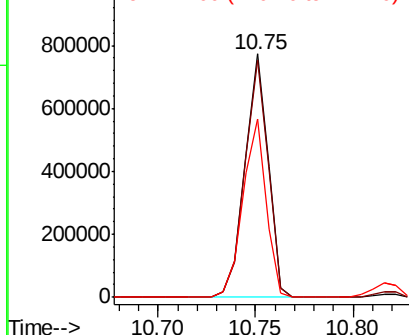
#67
 4-Bromophenyl-phenylether
 Concen: 41.226 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 639473
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.0 117.0
 141 73.0 53.8 80.8

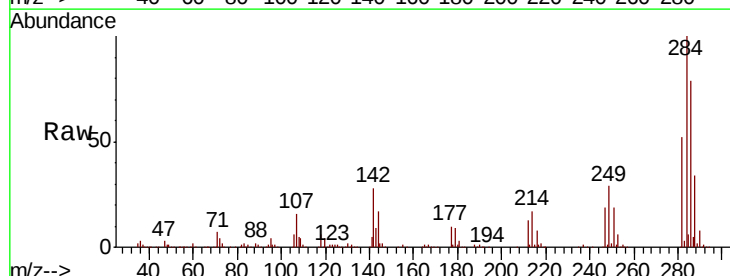


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

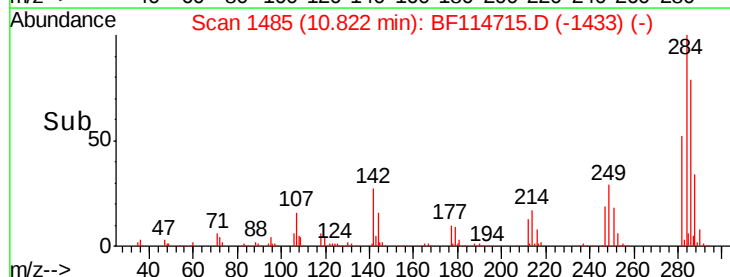
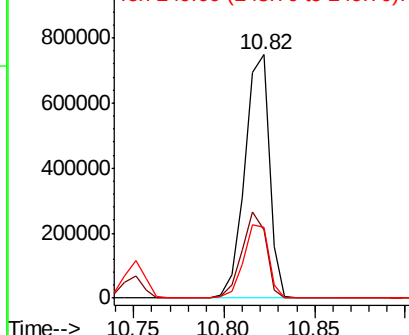


#68
 Hexachlorobenzene
 Concen: 41.995 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:284 Resp: 705549
 Ion Ratio Lower Upper
 284 100
 142 28.3 28.9 43.3#
 249 29.3 25.8 38.6



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





#69

Atrazine

Concen: 41.183 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

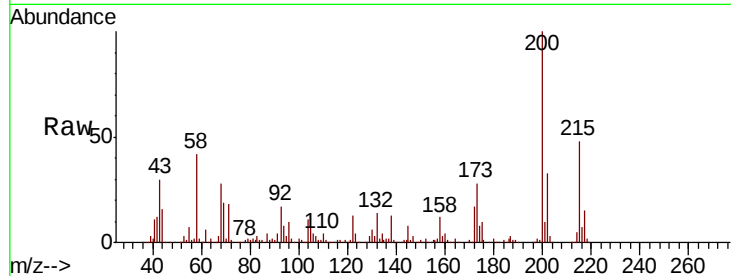
Tgt Ion:200 Resp: 560836

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

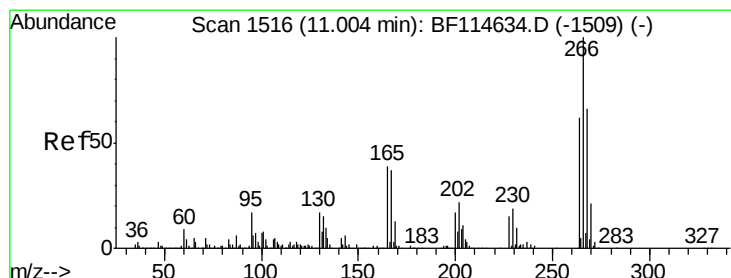
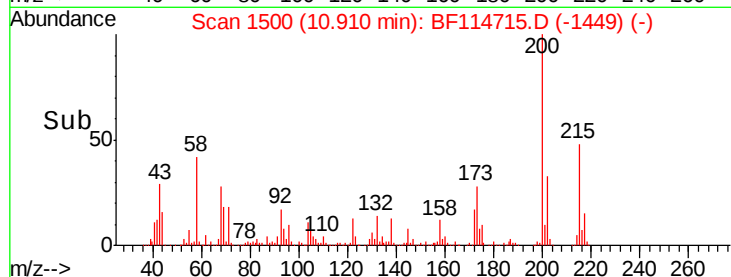
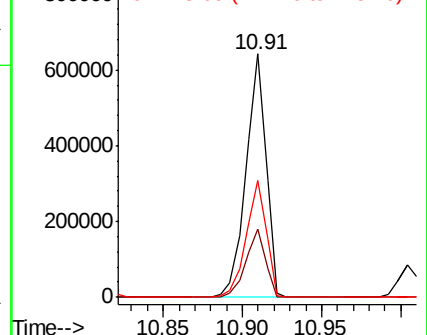
215 48.1 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.653 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

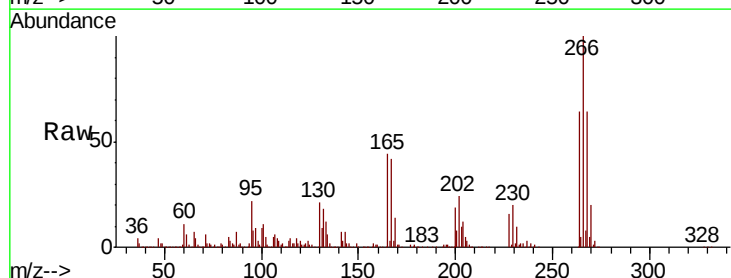
Tgt Ion:266 Resp: 413078

Ion Ratio Lower Upper

266 100

268 63.7 52.8 79.2

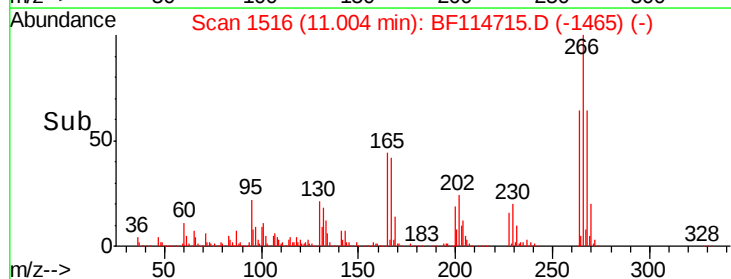
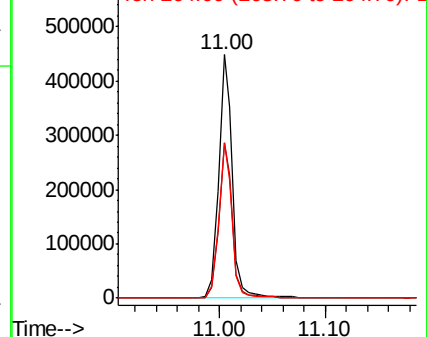
264 63.7 49.9 74.9

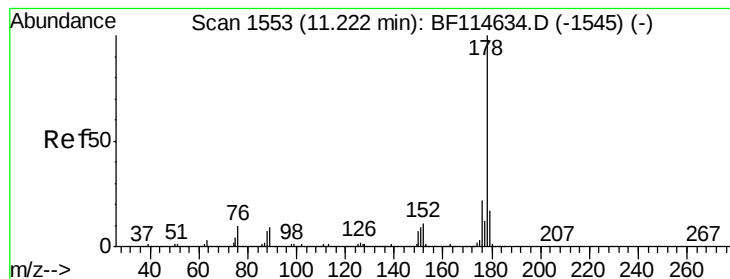


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.815 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

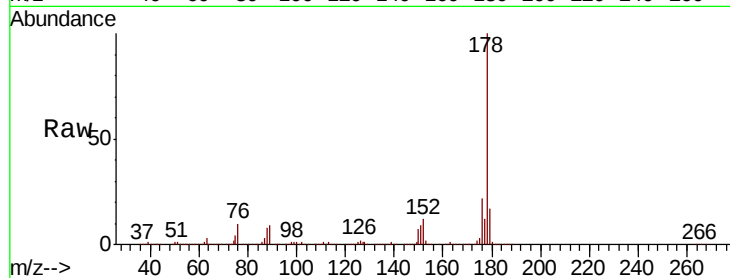
Tgt Ion:178 Resp: 2716448

Ion Ratio Lower Upper

178 100

176 21.8 17.2 25.8

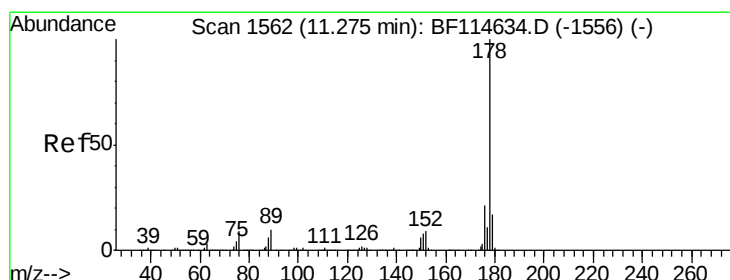
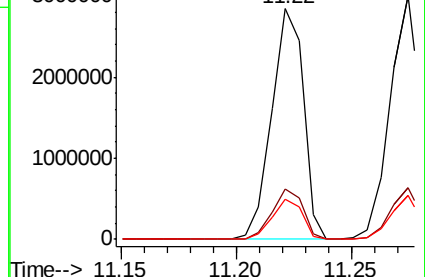
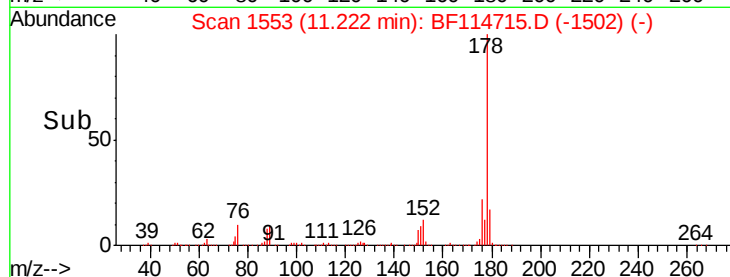
179 17.3 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.842 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

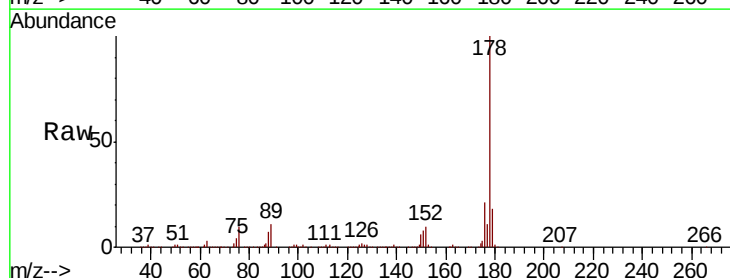
Tgt Ion:178 Resp: 2751278

Ion Ratio Lower Upper

178 100

176 21.1 16.6 24.8

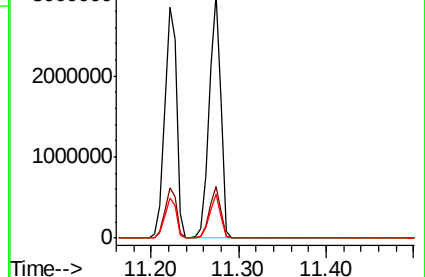
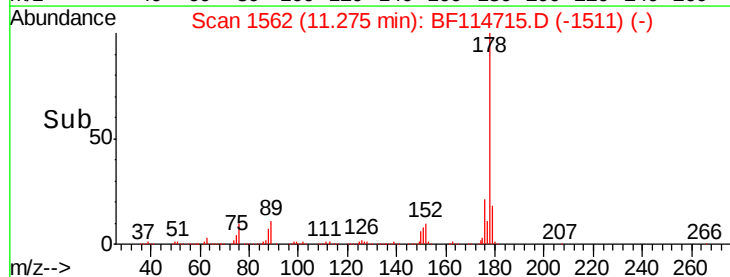
179 17.8 13.4 20.0

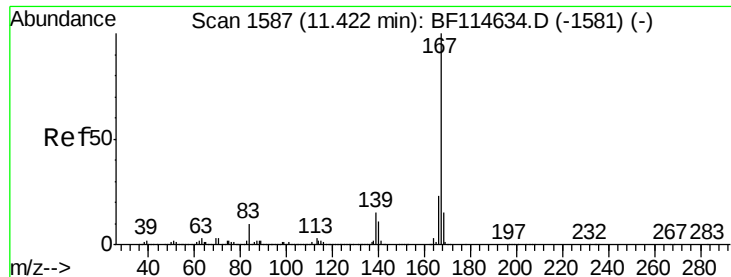


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

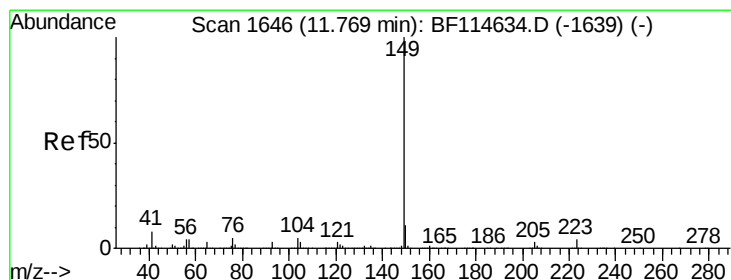
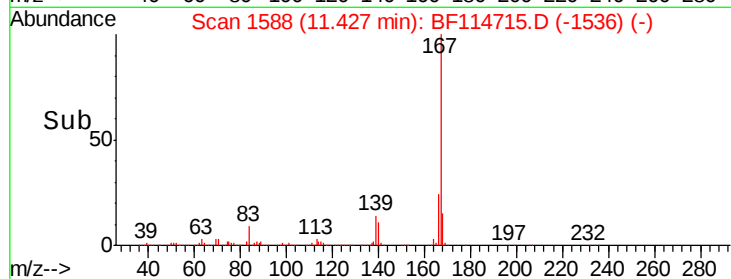
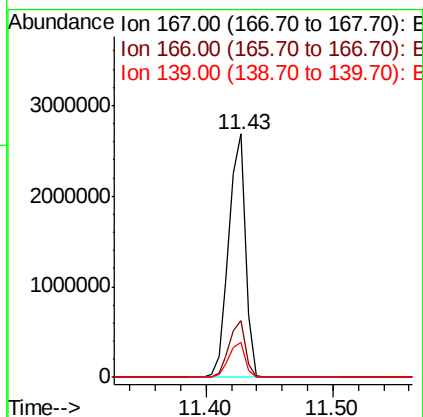
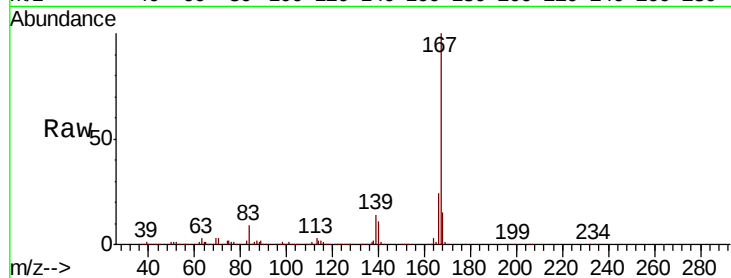




#73
 Carbazole
 Concen: 37.540 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

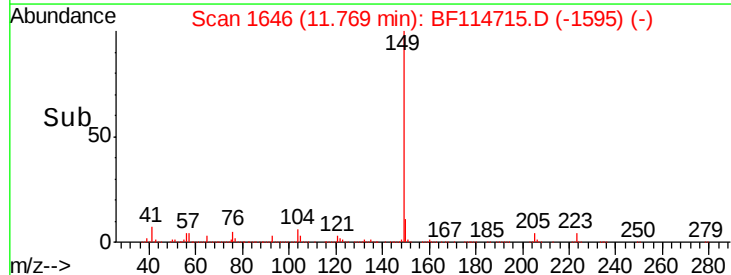
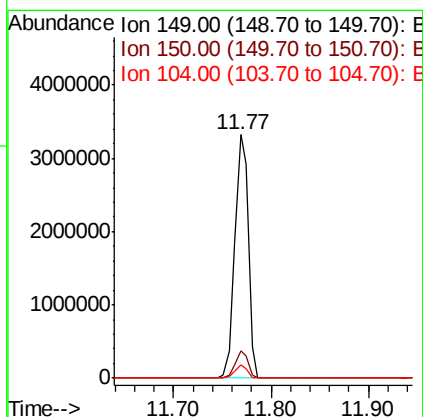
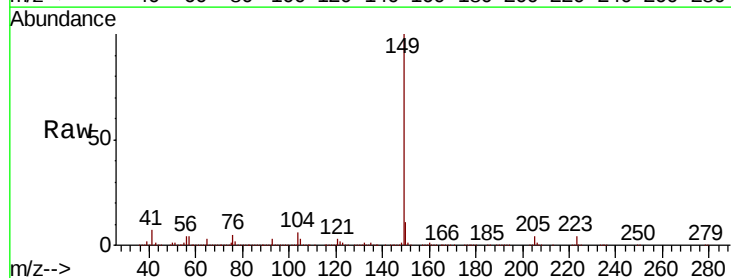
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

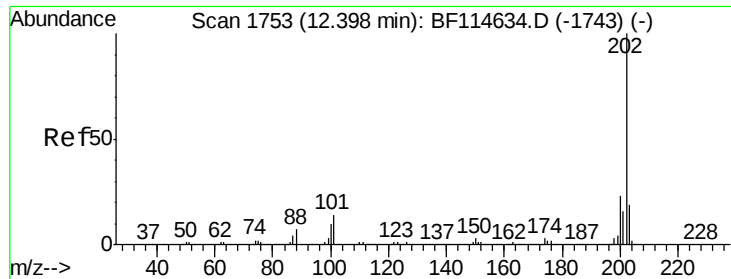
Tgt Ion:167 Resp: 2463846
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.7 28.1
 139 14.5 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 38.406 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:149 Resp: 3158379
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.6 12.8
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 35.125 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

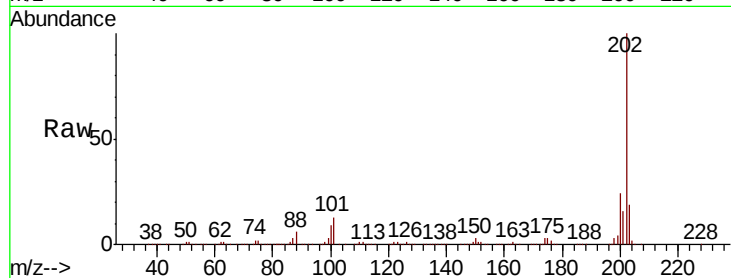
Tgt Ion:202 Resp: 2683669

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.9

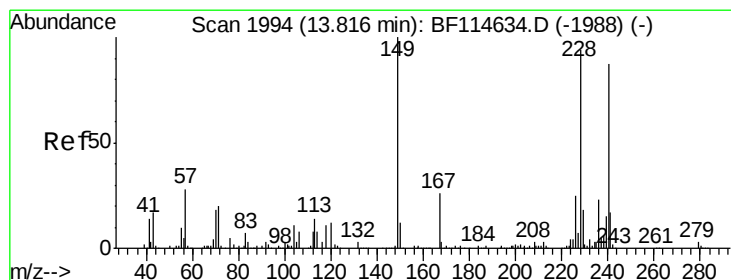
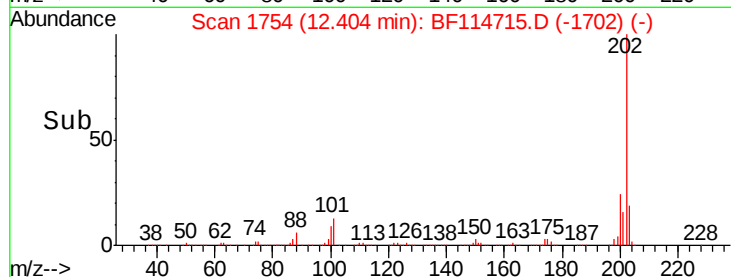
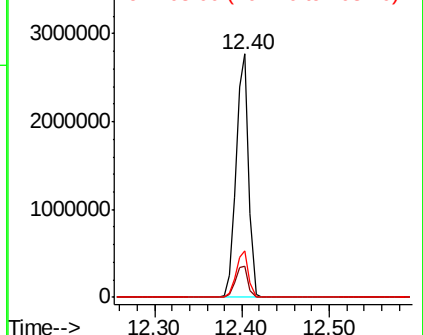
203 18.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

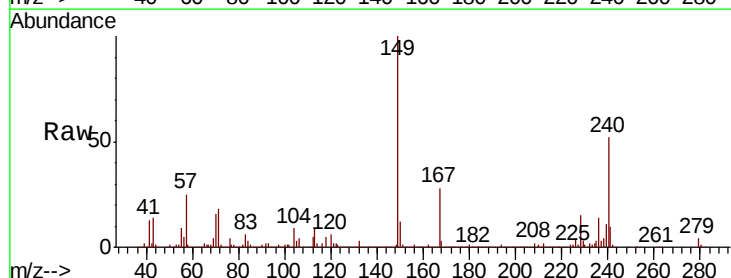
Tgt Ion:240 Resp: 780691

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

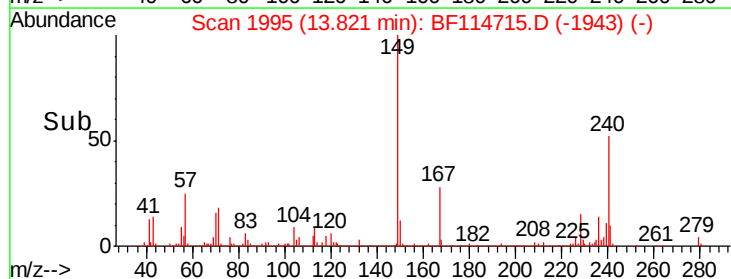
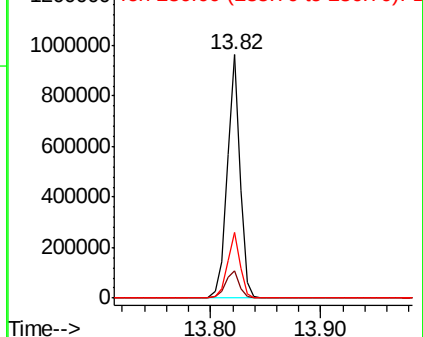
236 27.0 21.2 31.8

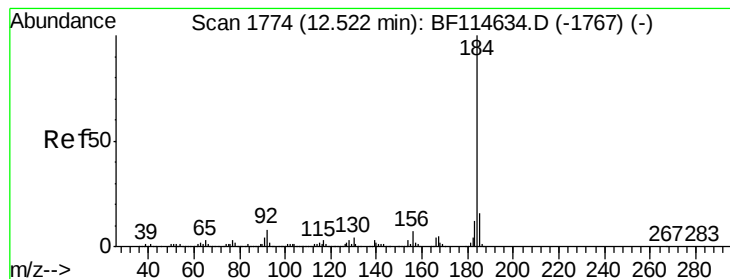


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.284 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

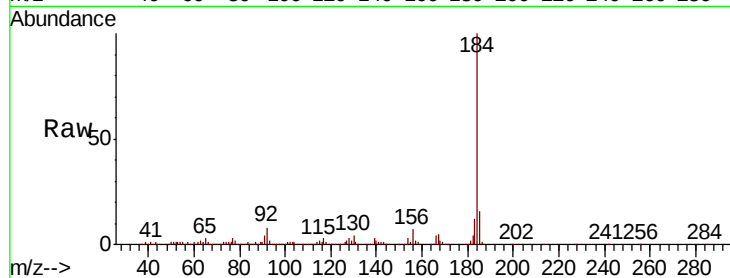
Tgt Ion:184 Resp: 1295036

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

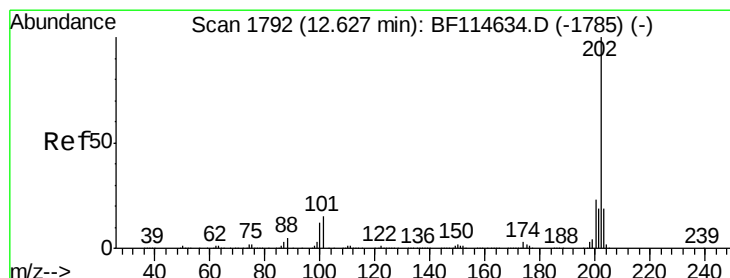
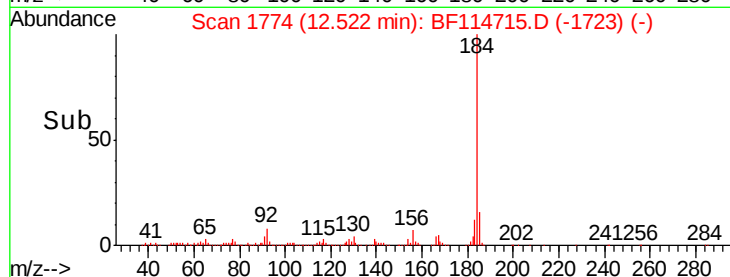
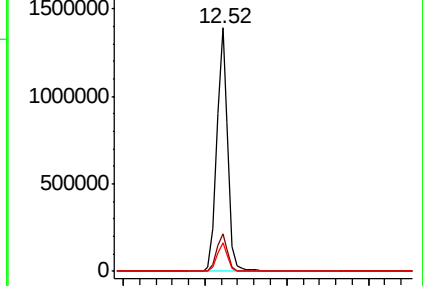
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.924 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

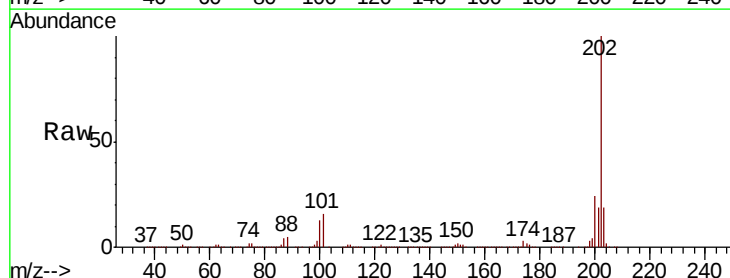
Tgt Ion:202 Resp: 2702626

Ion Ratio Lower Upper

202 100

200 23.6 18.6 28.0

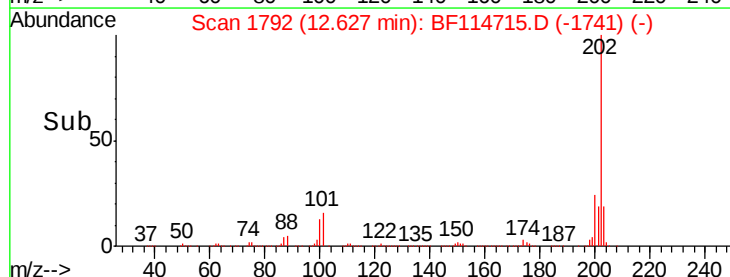
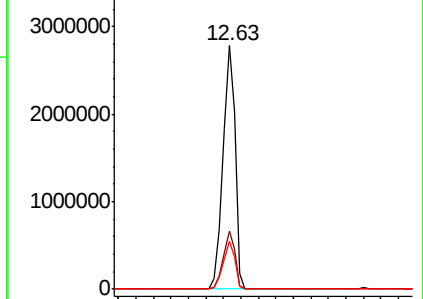
203 19.4 15.4 23.2

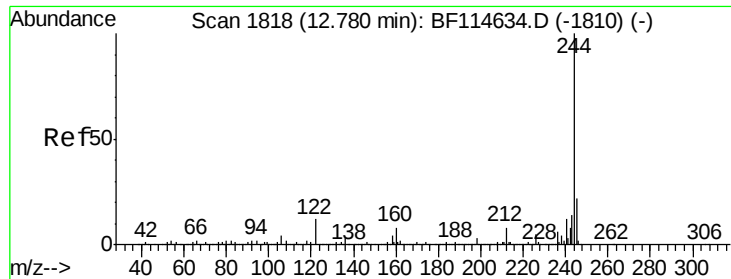


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.435 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

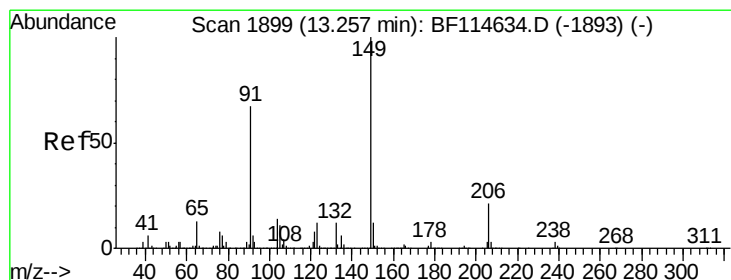
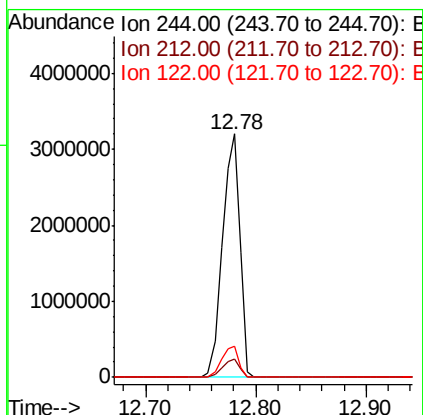
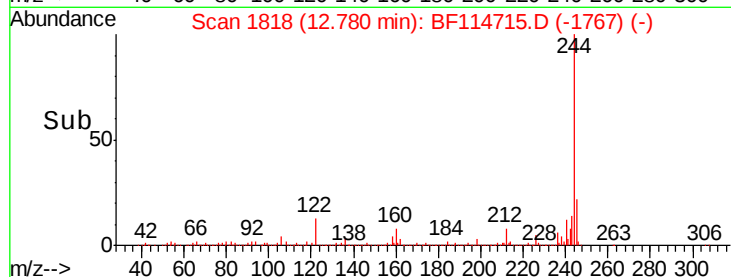
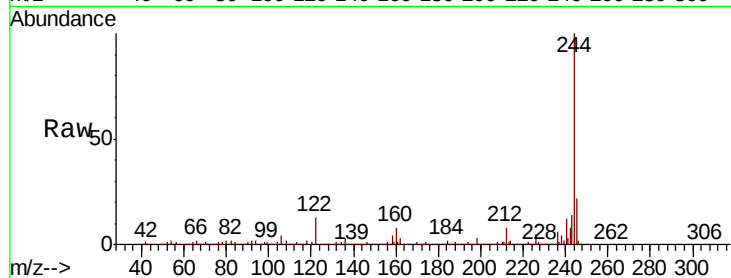
Tgt Ion:244 Resp: 3505963

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 12.6 9.8 14.8



#80

Butylbenzylphthalate

Concen: 40.733 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

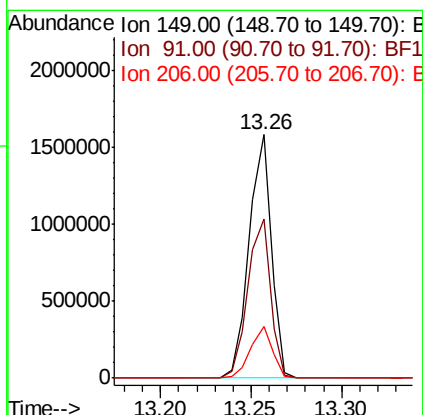
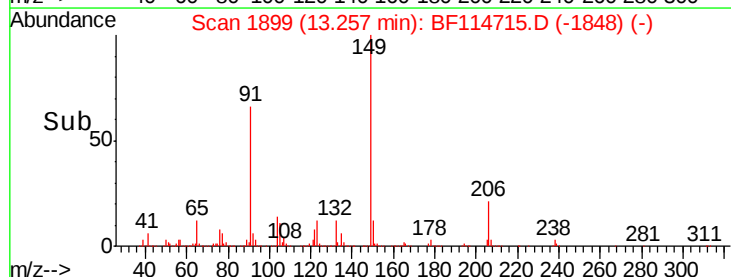
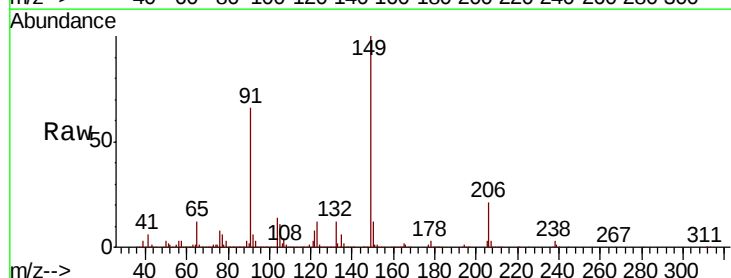
Tgt Ion:149 Resp: 1351921

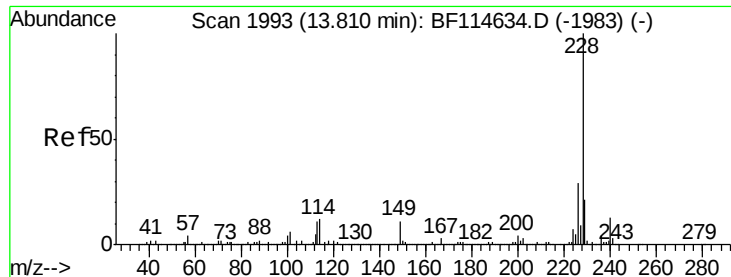
Ion Ratio Lower Upper

149 100

91 65.6 53.8 80.8

206 21.2 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.465 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

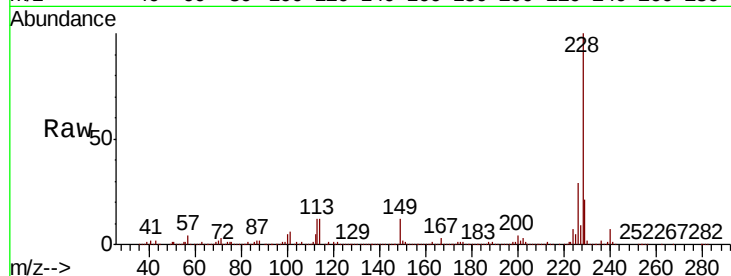
Tgt Ion:228 Resp: 2307647

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	21.3	17.0	25.4

228 100

226 28.8 23.0 34.6

229 21.3 17.0 25.4

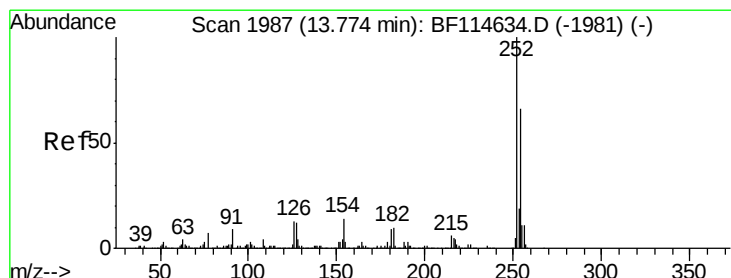
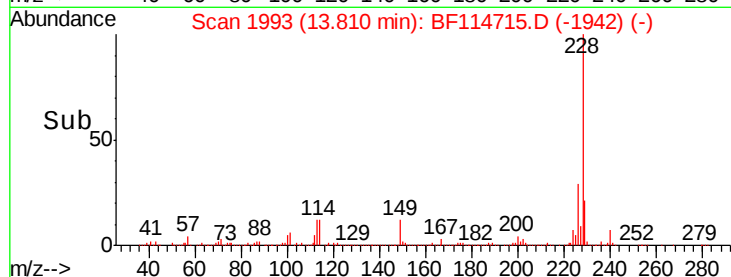
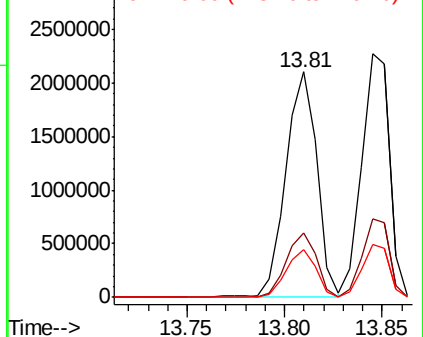


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.426 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

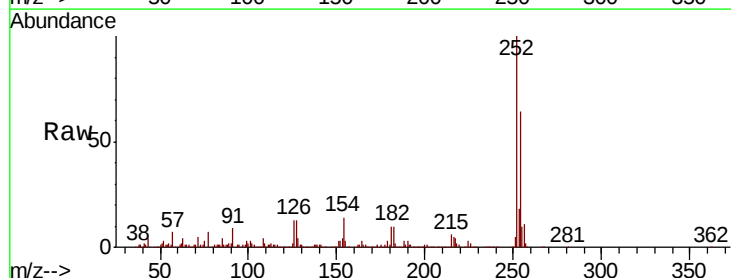
Tgt Ion:252 Resp: 936628

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.1	79.7
126	13.0	10.2	15.2

252 100

254 64.0 53.1 79.7

126 13.0 10.2 15.2

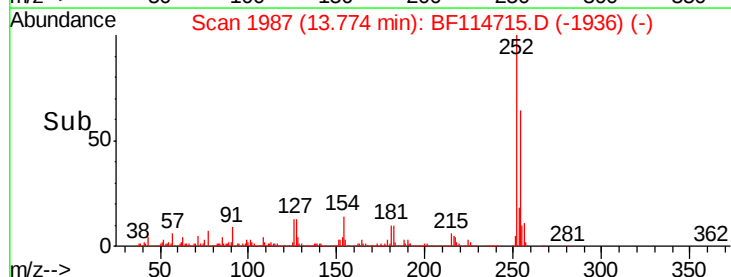
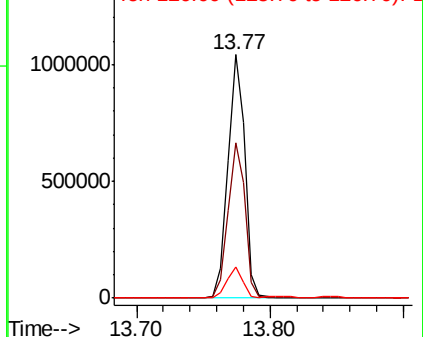


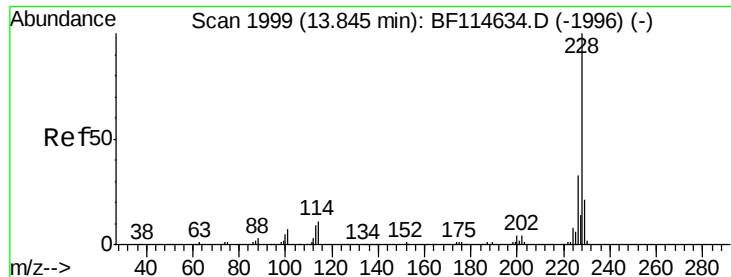
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.068 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

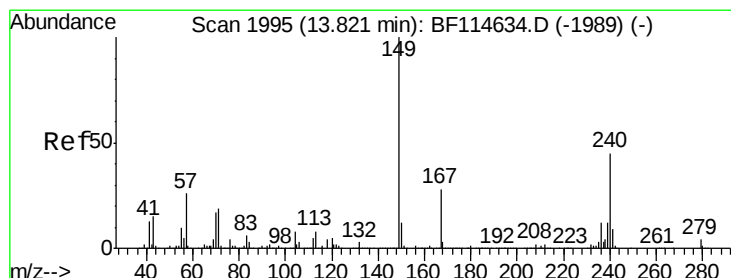
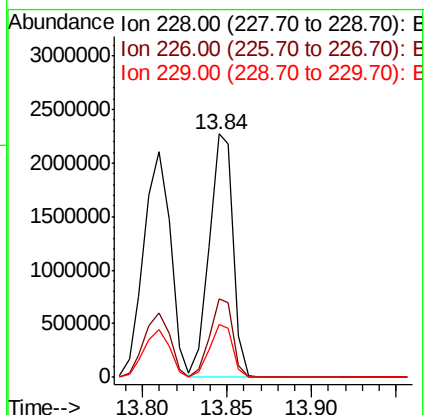
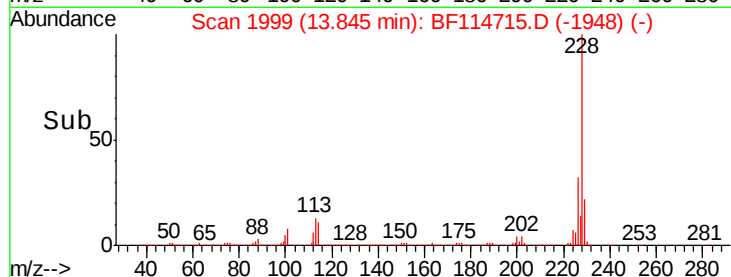
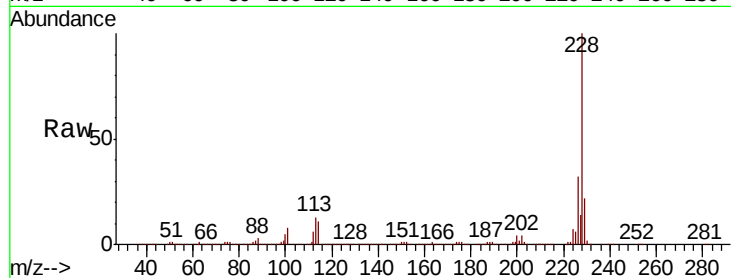
Tgt Ion:228 Resp: 2239321

Ion Ratio Lower Upper

228 100

226 32.3 26.4 39.6

229 21.5 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.550 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

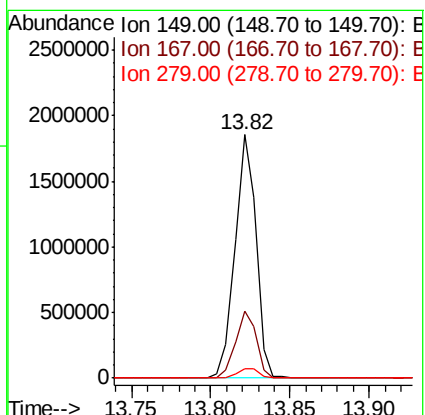
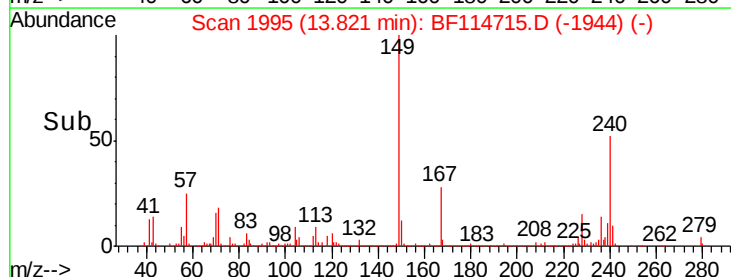
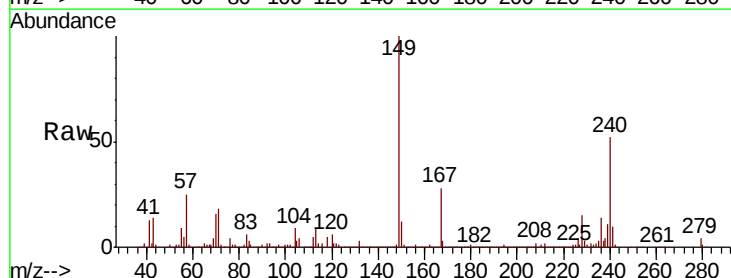
Tgt Ion:149 Resp: 1704875

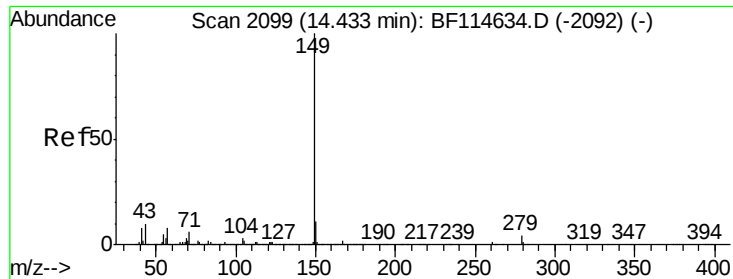
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.0 3.0 4.4

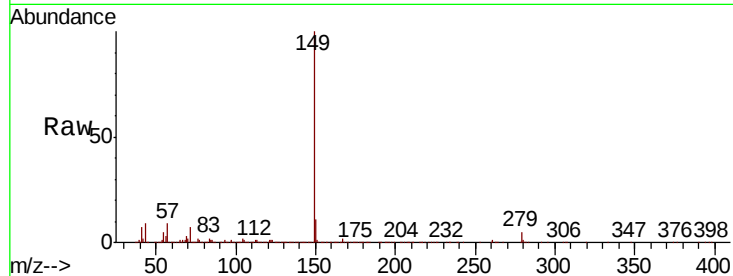




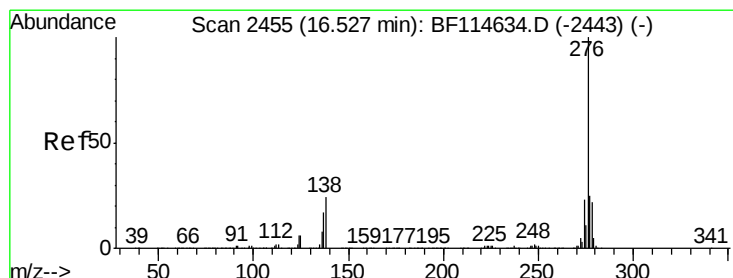
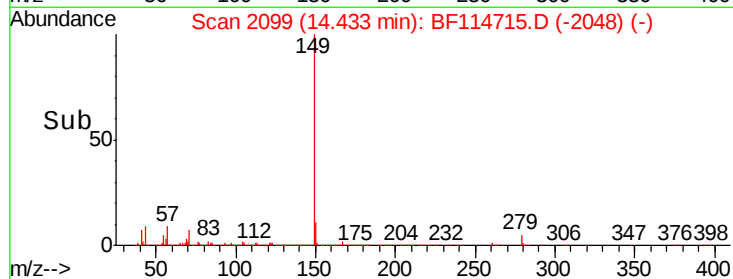
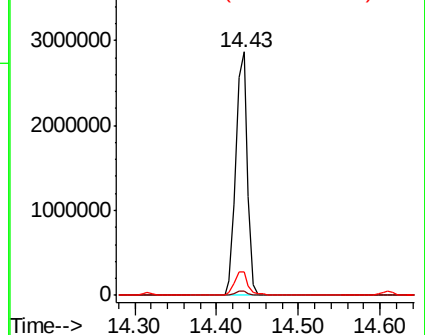
#85
Di-n-octyl phthalate
Concen: 39.697 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 2830060
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.4 8.0 12.0

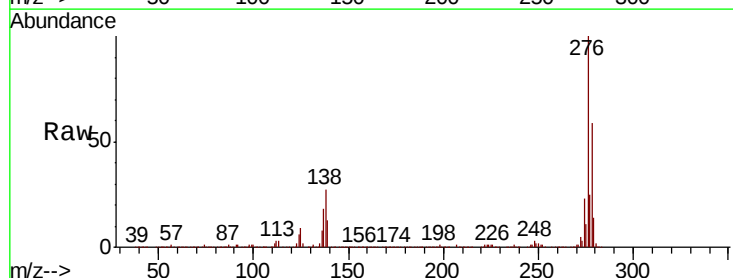


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

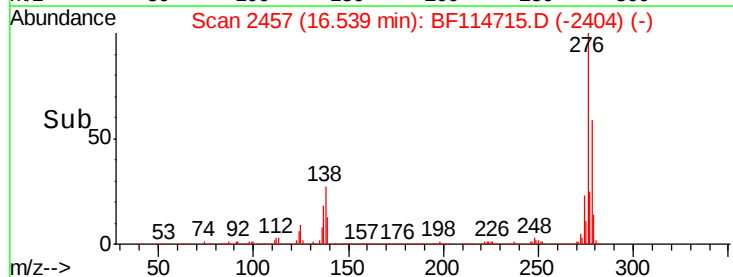
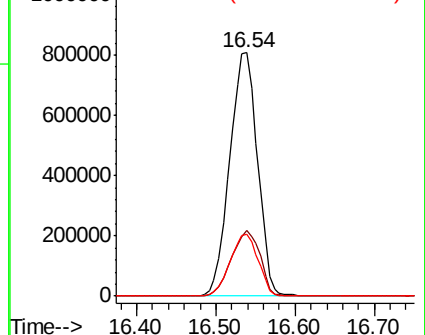


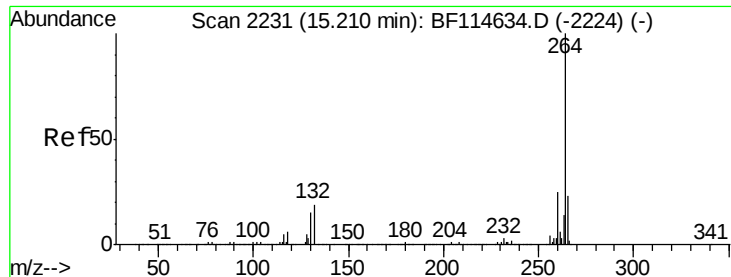
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.119 ng
RT: 16.54 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:276 Resp: 1958701
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.6
277 25.6 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

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

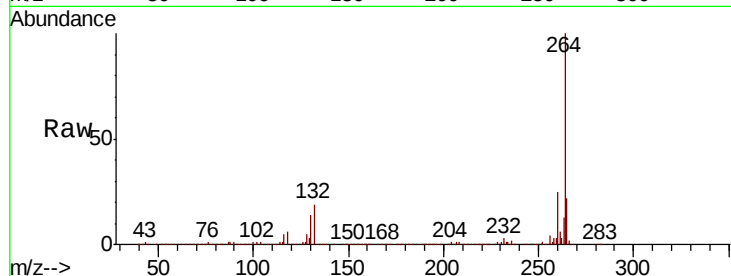
Tgt Ion:264 Resp: 846781

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

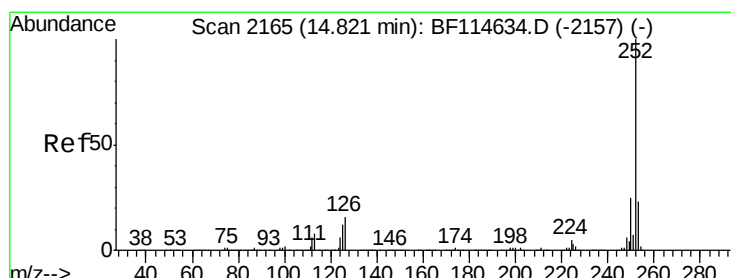
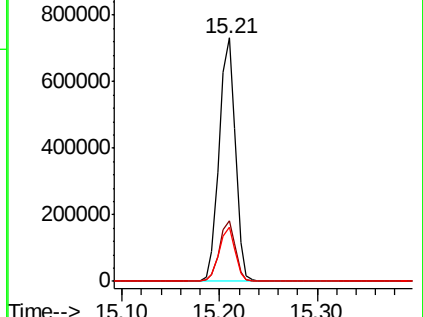
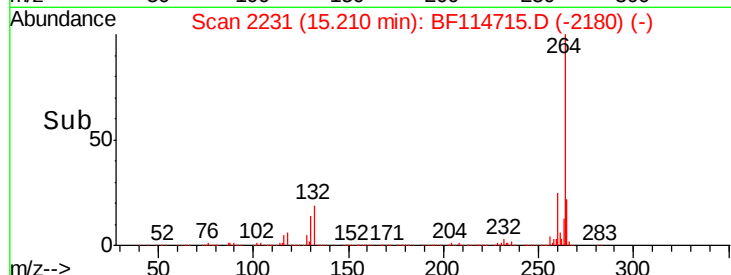
265 22.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.624 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

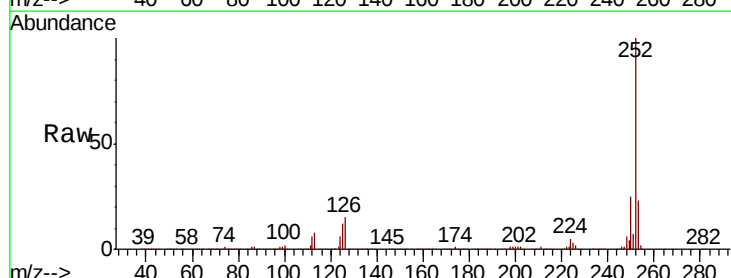
Tgt Ion:252 Resp: 2059958

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

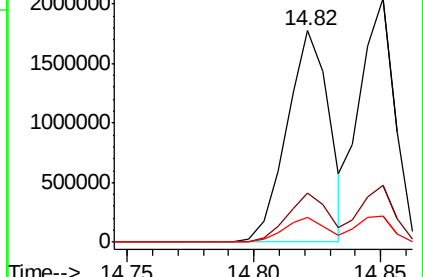
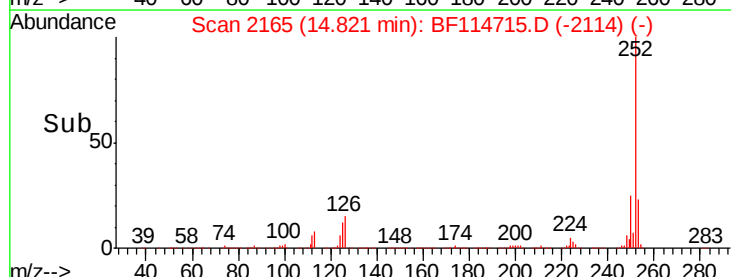
125 11.8 9.4 14.2

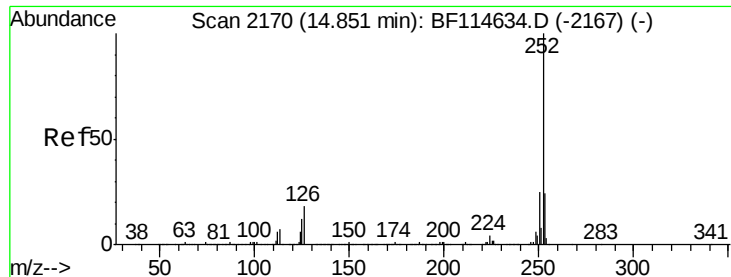


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

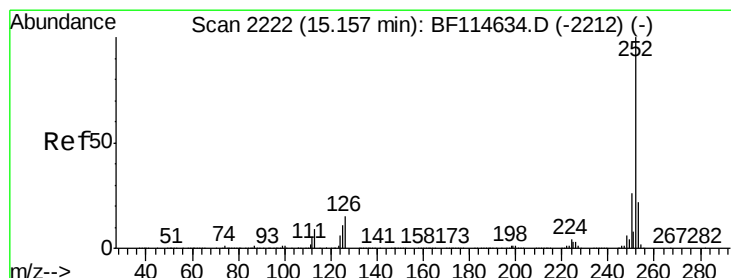
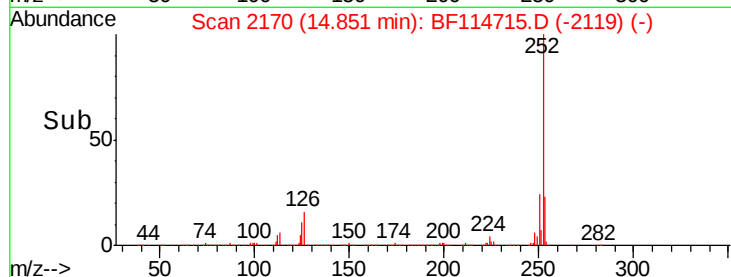
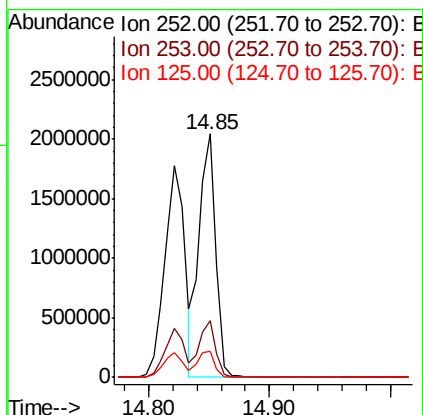
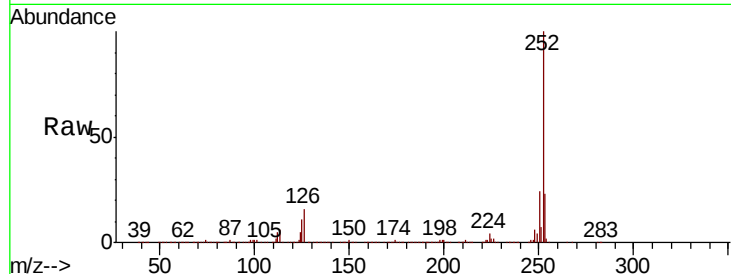




#89
Benzo(k)fluoranthene
Concen: 42.479 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

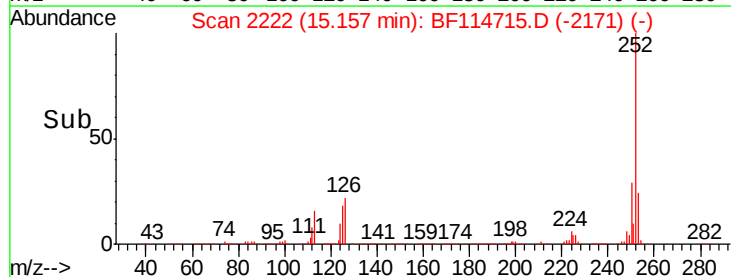
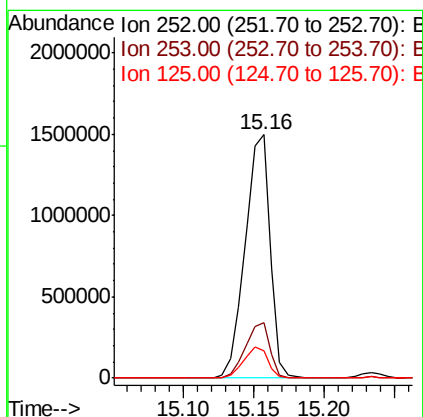
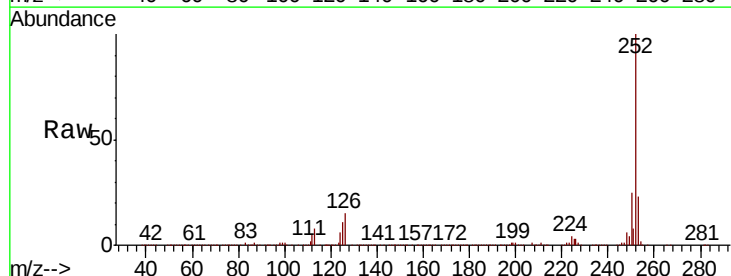
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

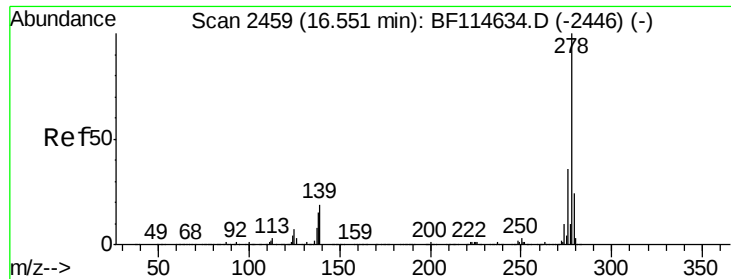
Tgt Ion:252 Resp: 1969180
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 10.9 9.5 14.3



#90
Benzo(a)pyrene
Concen: 39.657 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:252 Resp: 1858050
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.234 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

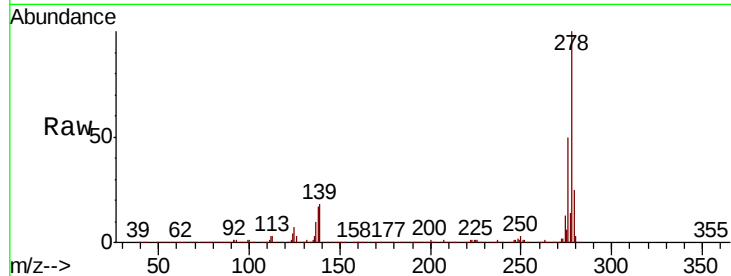
Tgt Ion:278 Resp: 1624367

Ion Ratio Lower Upper

278 100

139 18.2 14.9 22.3

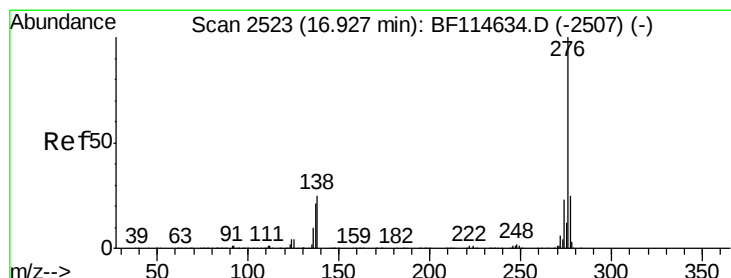
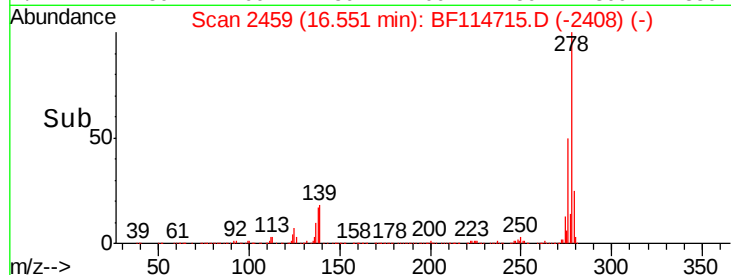
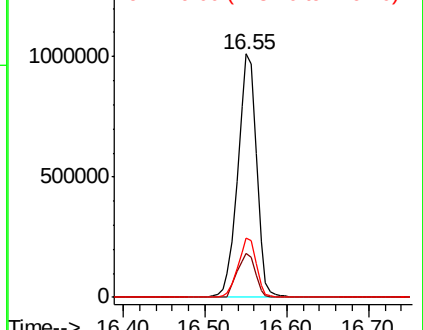
279 24.5 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.972 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

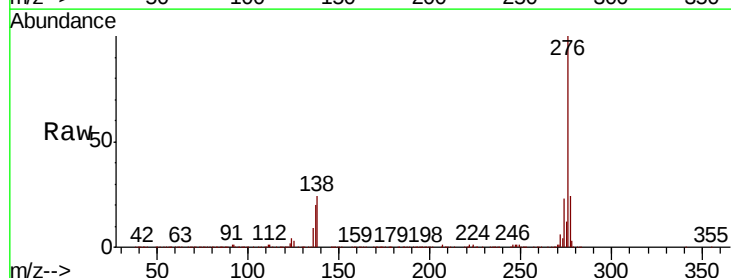
Tgt Ion:276 Resp: 1566034

Ion Ratio Lower Upper

276 100

277 24.0 19.7 29.5

138 23.7 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

