

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114414.D
 Acq On : 19 May 2019 2:45
 Operator : JU/SJ
 Sample : K2643-06MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	212841	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	795294	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	359853	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	627199	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	385250	20.00	ng	-0.02
87) Perylene-d12	15.46	264	436687	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1424337	107.69	ng	0.01
7) Phenol-d6	6.49	99	1679467	107.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	1265396	89.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	438240	117.80	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2108904	88.65	ng	-0.02
79) Terphenyl-d14	12.93	244	1800851	96.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	237116	32.617	ng	# 81
3) Pyridine	3.51	79	517079	25.816	ng	98
4) n-Nitrosodimethylamine	3.44	42	338593	35.055	ng	98
6) Aniline	6.50	93	345809	15.304	ng	# 1
8) 2-Chlorophenol	6.63	128	616266	43.646	ng	96
9) Benzaldehyde	6.39	77	298953	27.299	ng	99
10) Phenol	6.50	94	636153	34.570	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	648730	46.436	ng	99
12) 1,3-Dichlorobenzene	6.78	146	595283	37.559	ng	98
13) 1,4-Dichlorobenzene	6.86	146	610534	38.228	ng	96
14) 1,2-Dichlorobenzene	7.01	146	575585	39.448	ng	98
15) Benzyl Alcohol	6.99	79	511340	41.912	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1140087	42.089	ng	62
17) 2-Methylphenol	7.10	107	470897	40.600	ng	# 87
18) Hexachloroethane	7.35	117	220936	36.854	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	445791	44.961	ng	97
20) 3+4-Methylphenols	7.26	107	602640	44.971	ng	# 67
22) Acetophenone	7.25	105	866952	49.207	ng	# 89
24) Nitrobenzene	7.42	77	672007	46.559	ng	96
25) Isophorone	7.66	82	1241200	47.226	ng	98
26) 2-Nitrophenol	7.74	139	337914	48.255	ng	99
27) 2,4-Dimethylphenol	7.78	122	531656	48.340	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	799383	46.877	ng	98
29) 2,4-Dichlorophenol	7.99	162	509761	46.547	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	534092	42.887	ng	98
31) Naphthalene	8.14	128	1702000	45.815	ng	99
32) Benzoic acid	7.92	122	246895	33.899	ng	98
33) 4-Chloroaniline	8.19	127	197749	11.681	ng	96
34) Hexachlorobutadiene	8.26	225	289408	40.843	ng	98
35) Caprolactam	8.56	113	87220	24.424	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	521174	47.277	ng	98
37) 2-Methylnaphthalene	8.83	142	1172381	48.913	ng	97
38) 1-Methylnaphthalene	8.93	142	1096019	48.557	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	544339	49.936	ng	99

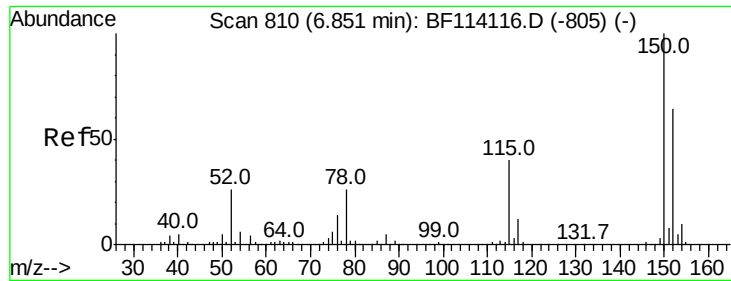
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	155095	33.213	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	342037	45.618	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	356058	46.305	ng	98
46) 1,1'-Biphenyl	9.29	154	1420479	48.862	ng	98
47) 2-Chloronaphthalene	9.32	162	1070746	45.766	ng	98
48) 2-Nitroaniline	9.42	65	355889	42.891	ng	99
49) Acenaphthylene	9.73	152	1676329	47.109	ng	99
50) Dimethylphthalate	9.59	163	1260046	47.699	ng	100
51) 2,6-Dinitrotoluene	9.66	165	276822	47.246	ng	95
52) Acenaphthene	9.90	154	981145	44.932	ng	99
53) 3-Nitroaniline	9.83	138	176219	24.228	ng	99
54) 2,4-Dinitrophenol	9.95	184	144395	51.623	ng	96
55) Dibenzofuran	10.07	168	1432319	44.733	ng	99
56) 4-Nitrophenol	10.01	139	256012	49.773	ng	98
57) 2,4-Dinitrotoluene	10.07	165	336429	42.304	ng	# 89
58) Fluorene	10.42	166	1130318	45.702	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289167	43.584	ng	98
60) Diethylphthalate	10.29	149	1237756	46.115	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	560693	46.158	ng	98
62) 4-Nitroaniline	10.45	138	256925	33.616	ng	95
63) Azobenzene	10.57	77	1183140	45.539	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	108269	35.925	ng	88
66) n-Nitrosodiphenylamine	10.53	169	1013379	53.236	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	344158	49.837	ng	97
68) Hexachlorobenzene	10.97	284	367301	48.079	ng	93
69) Atrazine	11.05	200	292283	49.340	ng	97
70) Pentachlorophenol	11.17	266	270187	74.607	ng	97
71) Phenanthrene	11.38	178	1490567	48.849	ng	98
72) Anthracene	11.43	178	1526775	49.815	ng	99
73) Carbazole	11.59	167	1345265	46.029	ng	99
74) Di-n-butylphthalate	11.91	149	1799551	53.445	ng	100
75) Fluoranthene	12.57	202	1447622	44.055	ng	99
77) Benzidine	12.69	184	180484	10.437	ng	94
78) Pyrene	12.80	202	1422262	45.892	ng	99
80) Butylbenzylphthalate	13.40	149	687042	52.669	ng	98
81) Benzo(a)anthracene	13.99	228	1196880	48.033	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	365372	37.799	ng	# 97
83) Chrysene	14.02	228	1184108	48.476	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	974872	57.142	ng	100
85) Di-n-octyl phthalate	14.57	149	1593824	57.630	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1175248	54.441	ng	99
88) Benzo(b)fluoranthene	15.03	252	1260112	45.042	ng	100
89) Benzo(k)fluoranthene	15.06	252	1262050	49.108	ng	99
90) Benzo(a)pyrene	15.40	252	1237606	50.265	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	990171	48.396	ng	99
92) Benzo(g,h,i)perylene	17.37	276	949454	46.307	ng	99

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

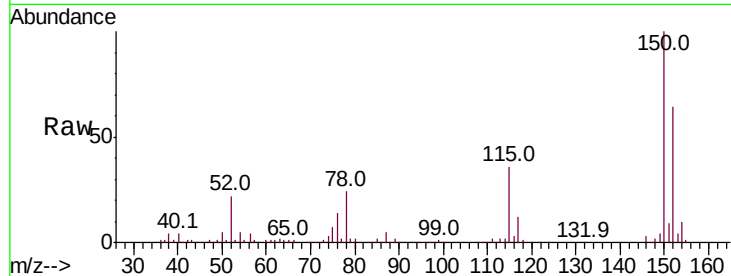


#1

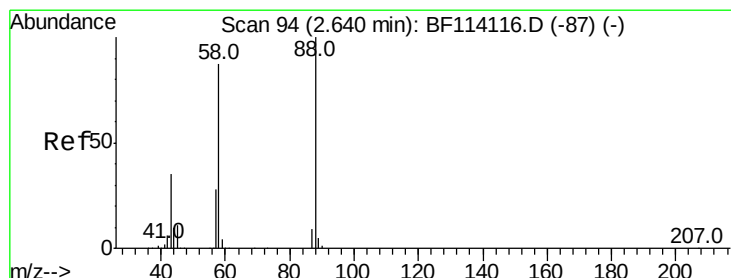
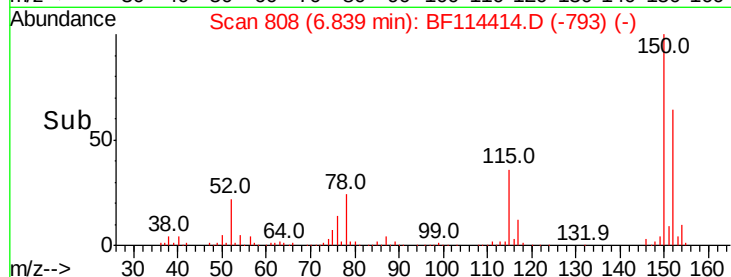
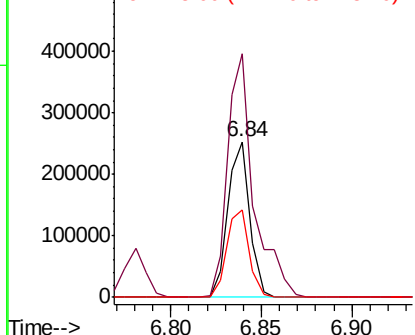
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 212841
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 56.4 49.1 73.7



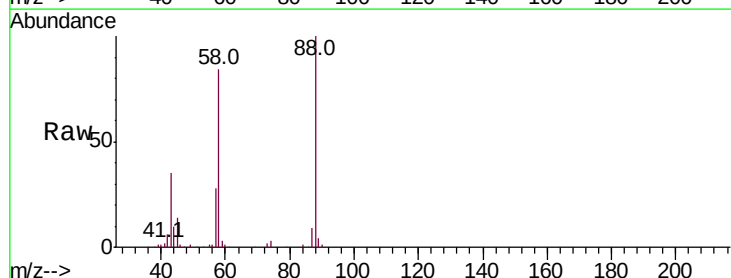
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



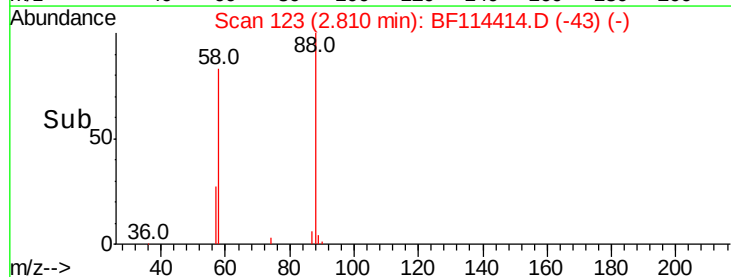
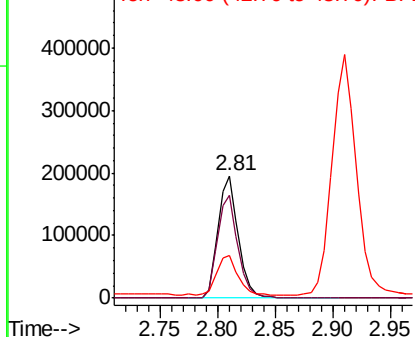
#2

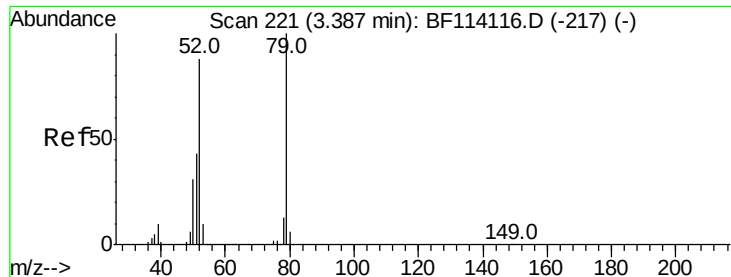
1,4-Dioxane
Concen: 32.617 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.17 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion: 88 Resp: 237116
Ion Ratio Lower Upper
88 100
58 83.5 68.7 103.1
43 0.0 28.2 42.2#



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





#3

Pvridine

Concen: 25.816 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.12 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

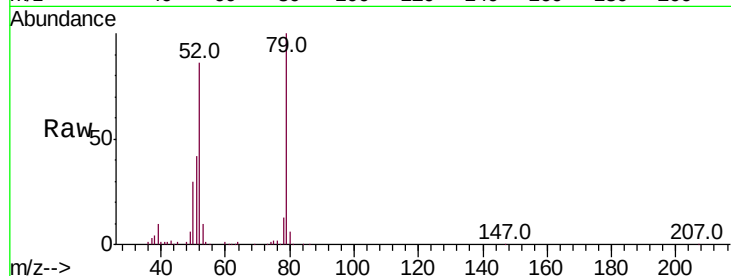
Tot Ion: 79 Resp: 517079

Ion Ratio Lower Upper

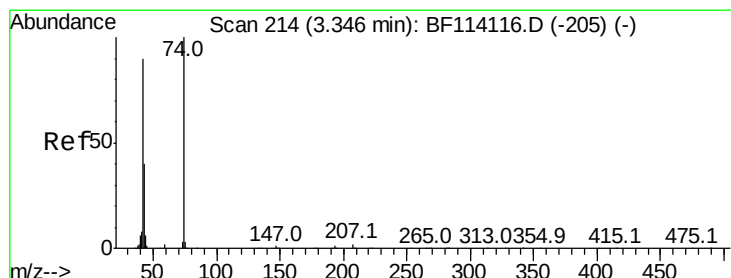
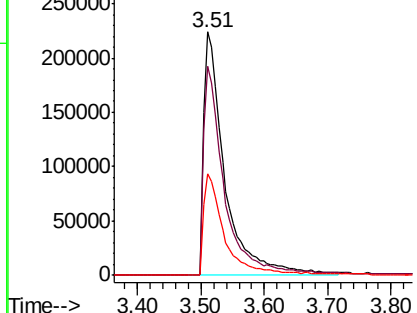
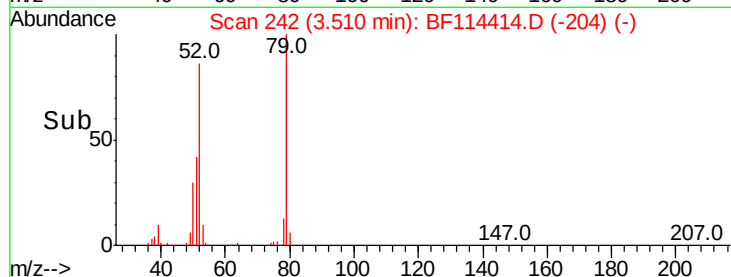
79 100

52 85.7 70.6 105.8

51 41.8 34.2 51.2



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: 35.055 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.09 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

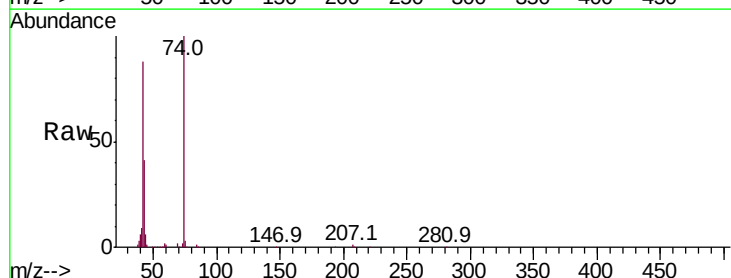
Tgt Ion: 42 Resp: 338593

Ion Ratio Lower Upper

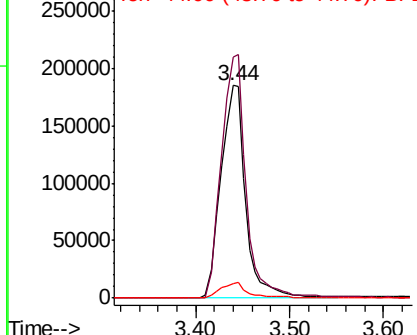
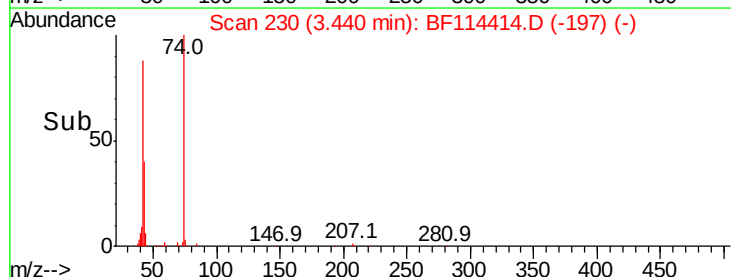
42 100

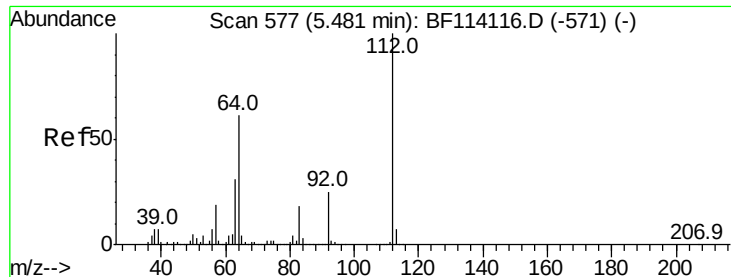
74 113.1 88.6 132.8

44 6.9 5.5 8.3



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: 107.692 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

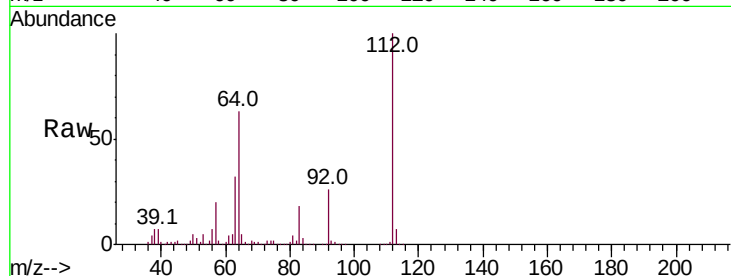
Tot Ion:112 Resp: 1424337

Ion Ratio Lower Upper

112 100

64 62.5 49.0 73.6

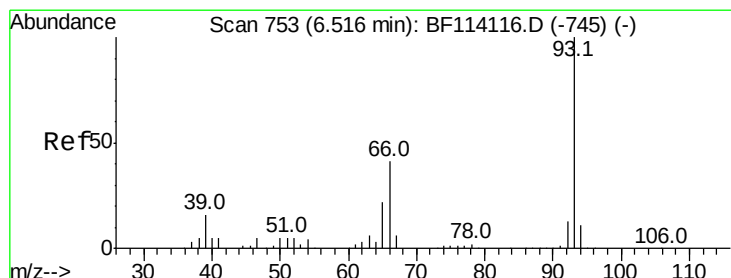
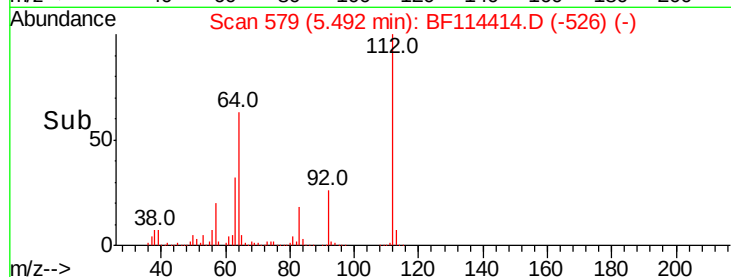
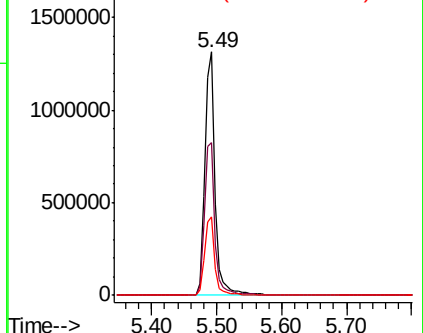
63 32.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.304 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

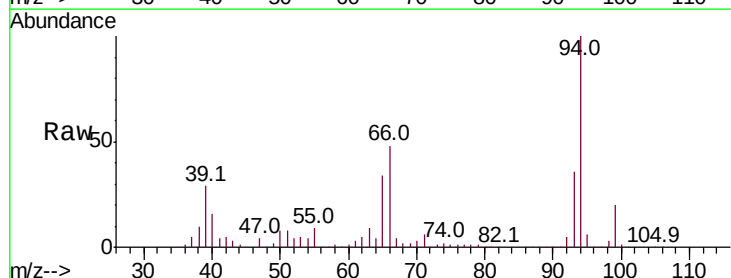
Tgt Ion: 93 Resp: 345809

Ion Ratio Lower Upper

93 100

66 135.6 33.2 49.8#

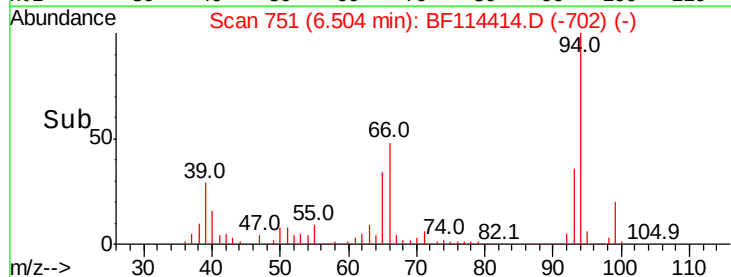
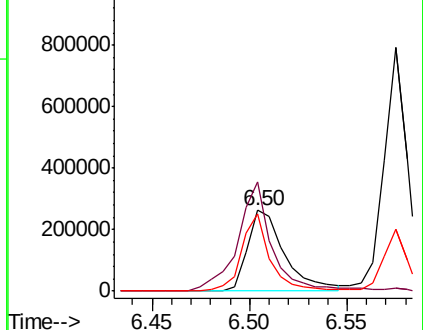
65 95.4 17.6 26.4#

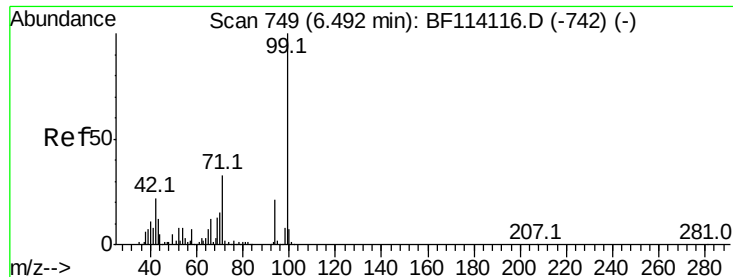


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.363 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

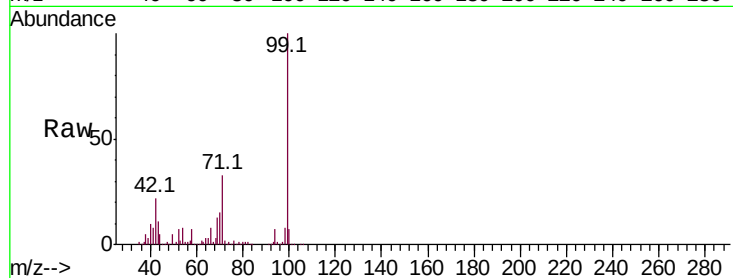
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1679467

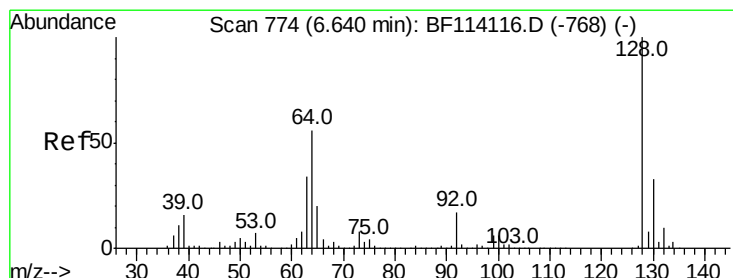
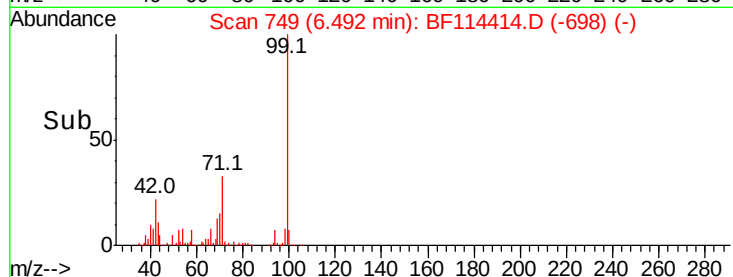
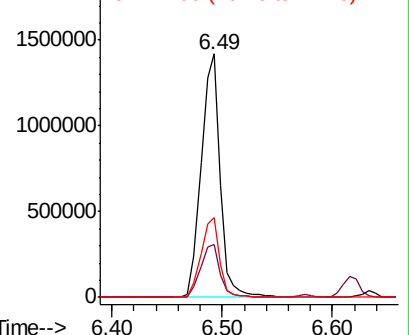
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.8	26.2	39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.646 ng

RT: 6.63 min Scan# 773

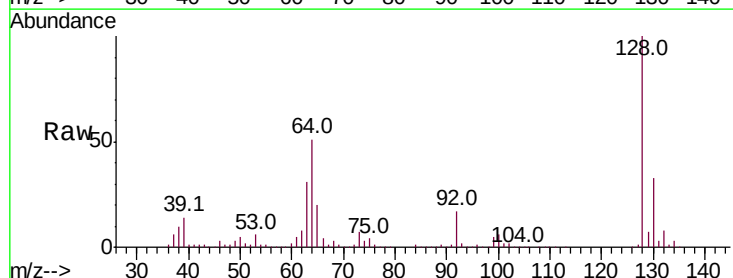
Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion: 128 Resp: 616266

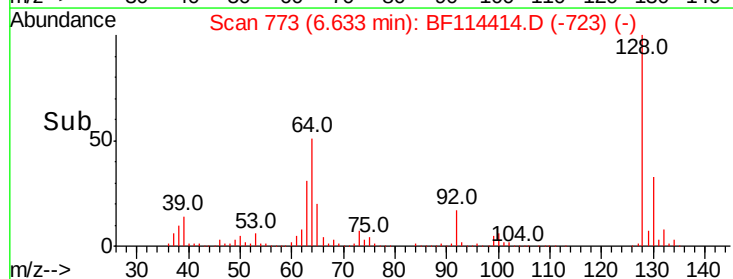
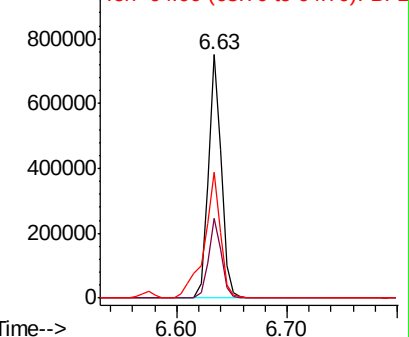
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.6	52.6
64	51.5	35.9	75.9

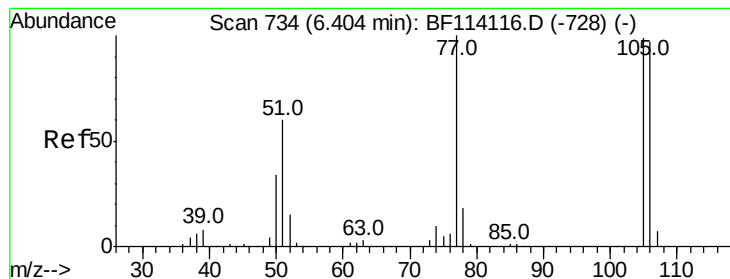


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.299 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

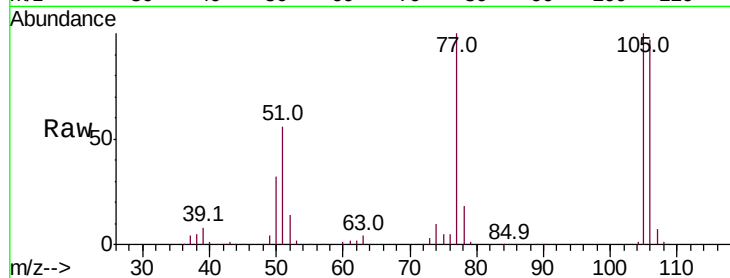
Tot Ion: 77 Resp: 298953

Ion Ratio Lower Upper

77 100

105 100.3 79.3 119.3

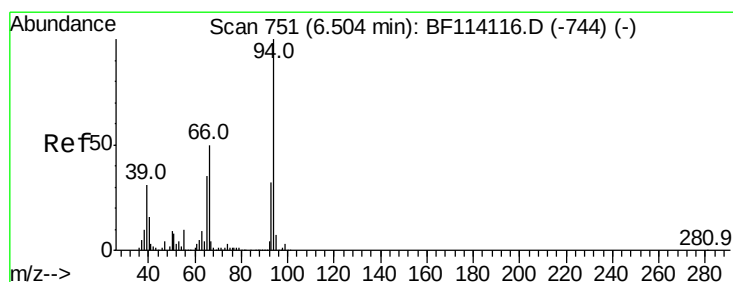
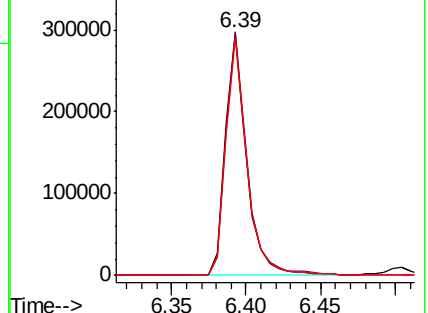
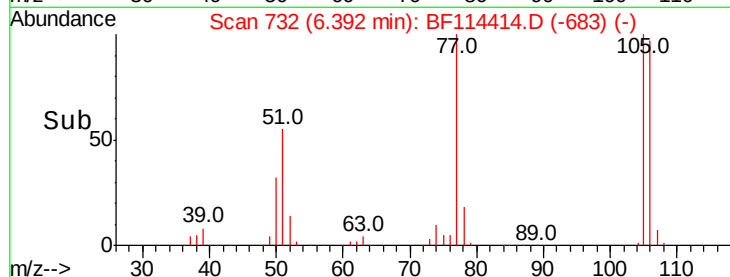
106 97.5 77.0 117.0



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: 34.570 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

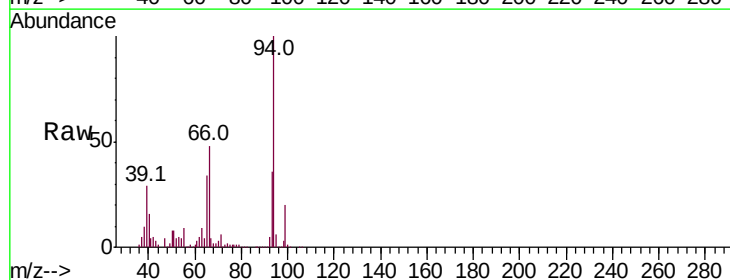
Tgt Ion: 94 Resp: 636153

Ion Ratio Lower Upper

94 100

65 34.0 14.7 54.7

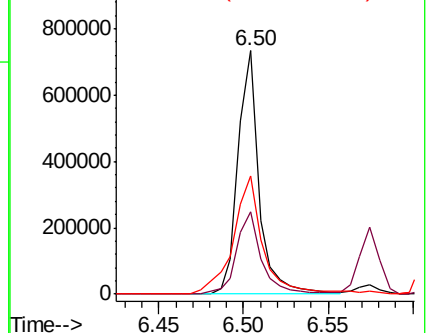
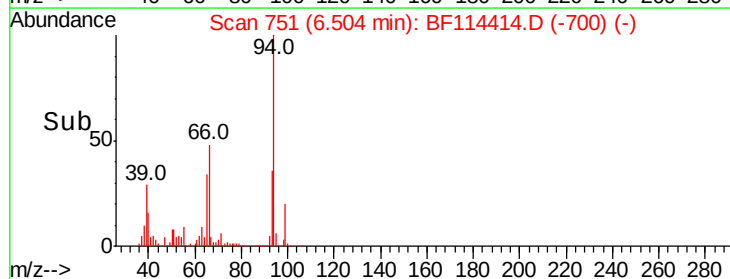
66 48.4 29.6 69.6

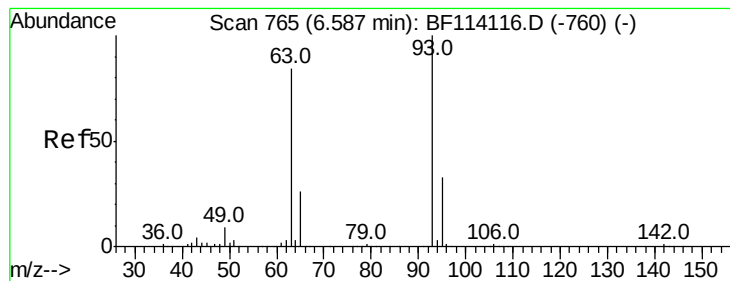


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 46.436 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

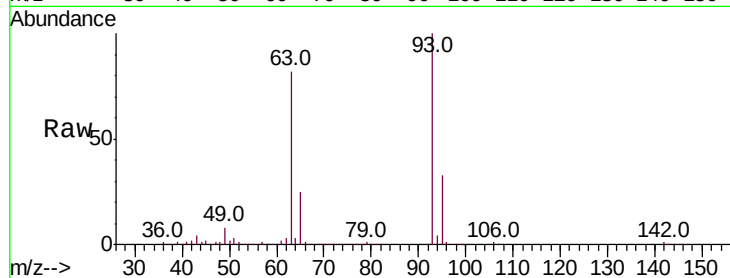
Tot Ion: 93 Resp: 648730

Ion Ratio Lower Upper

93 100

63 81.9 63.6 103.6

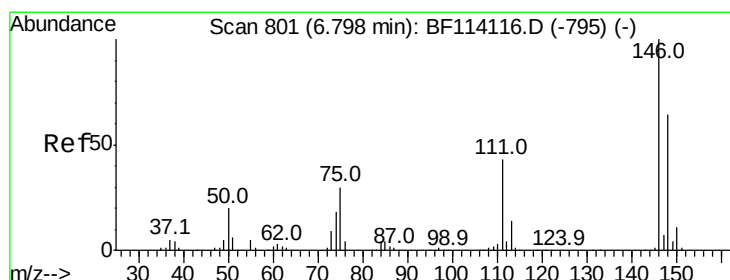
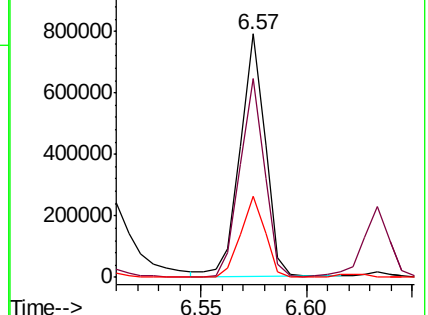
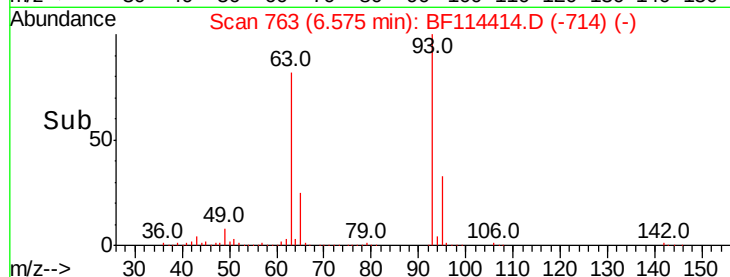
95 33.1 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.559 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

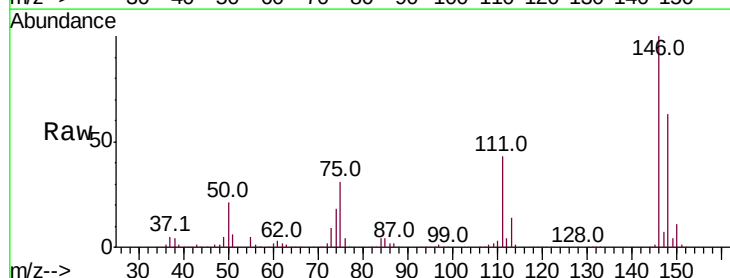
Tgt Ion: 146 Resp: 595283

Ion Ratio Lower Upper

146 100

148 63.3 51.6 77.4

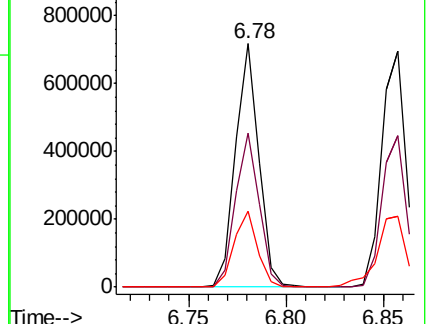
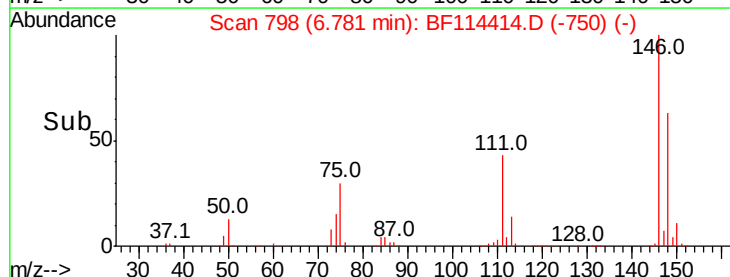
75 31.1 24.2 36.2

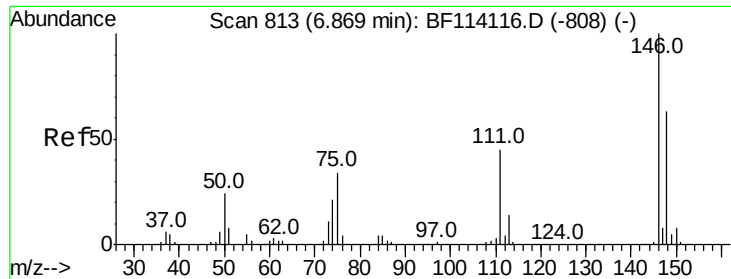


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

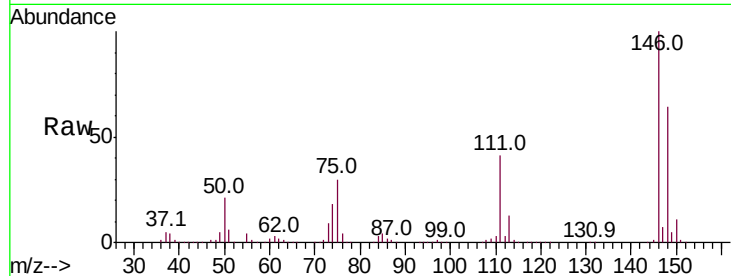




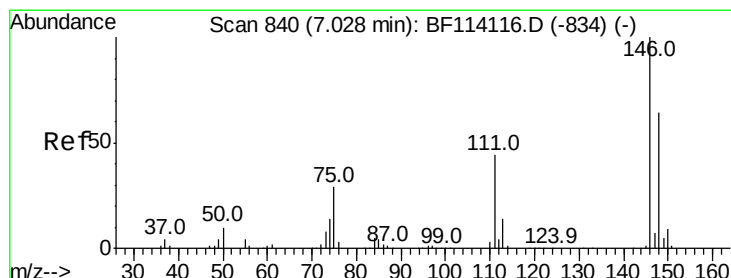
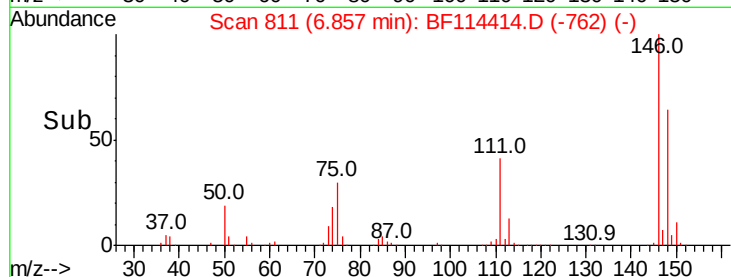
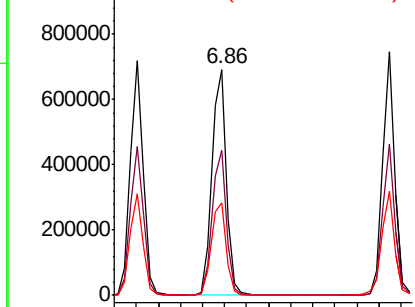
#13
 1,4-Dichlorobenzene
 Concen: 38.228 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 610534
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.2
 111 40.7 35.8 53.6

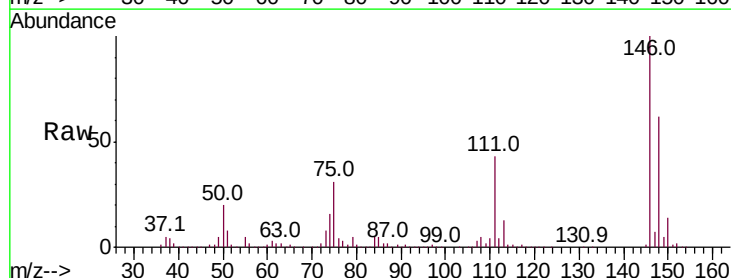


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

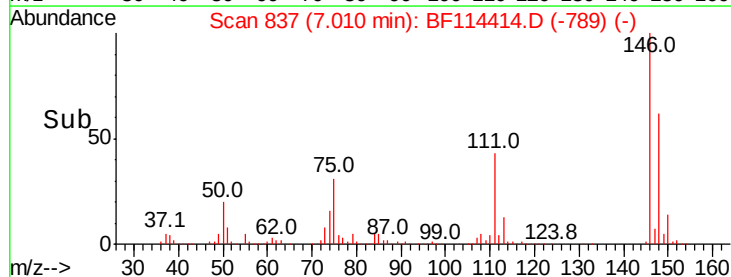
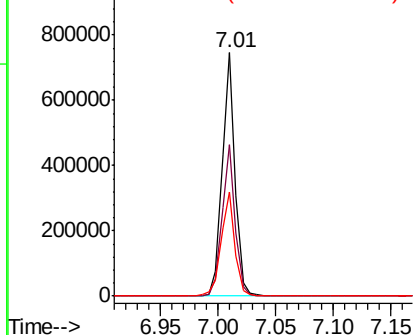


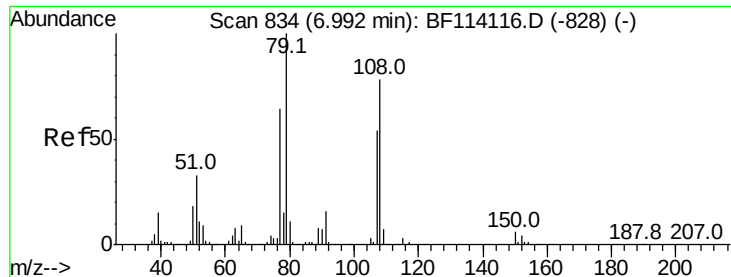
#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:146 Resp: 575585
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 42.6 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 41.912 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampled :

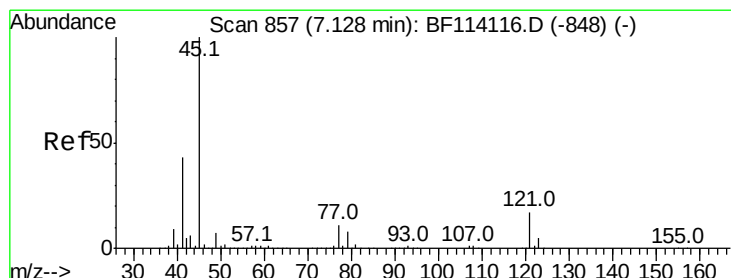
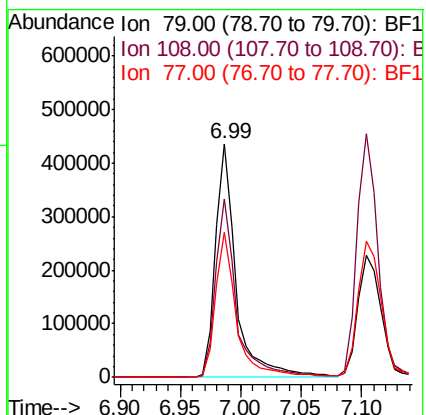
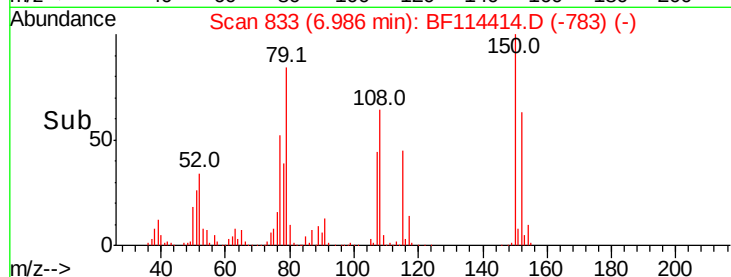
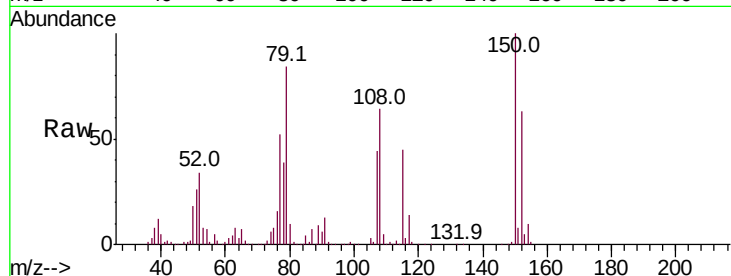
Tot Ion: 79 Resp: 511340

Ion Ratio Lower Upper

79 100

108 76.3 62.1 93.1

77 62.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.089 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

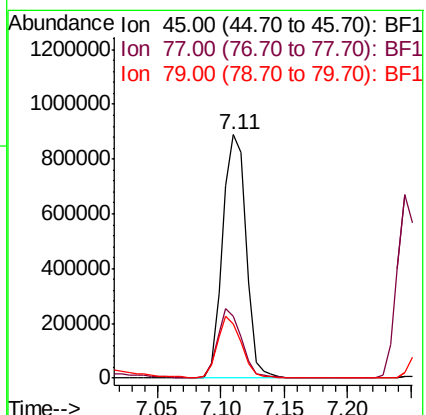
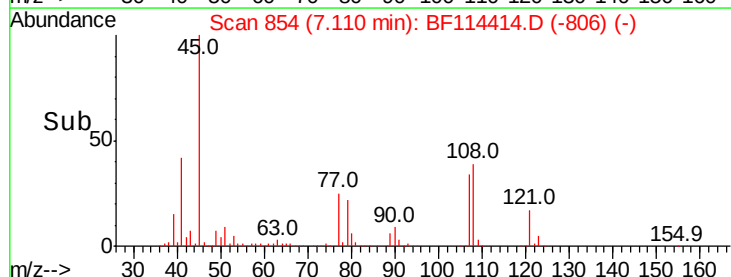
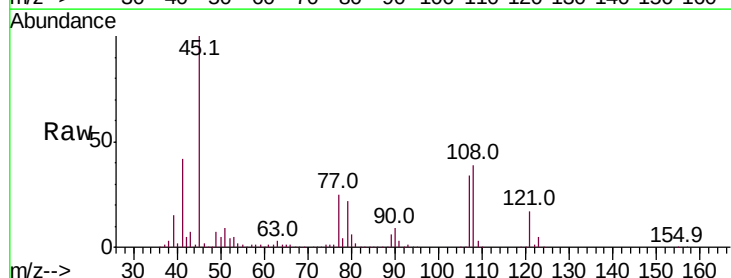
Tgt Ion: 45 Resp: 1140087

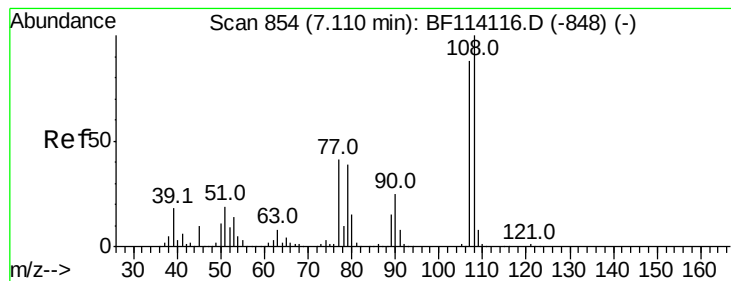
Ion Ratio Lower Upper

45 100

77 25.3 0.0 31.1

79 22.3 0.0 28.4





#17

2-Methylphenol

Concen: 40.600 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 470897

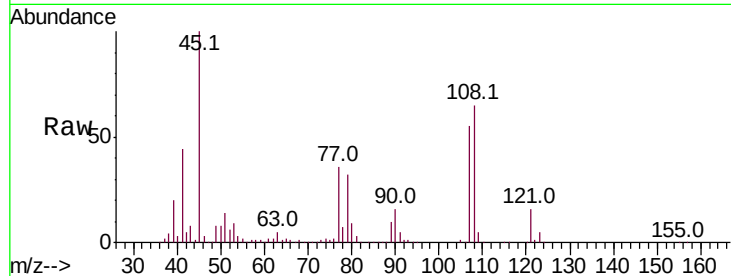
Ion Ratio Lower Upper

107 100

108 116.5 90.5 135.7

77 65.0 37.0 55.4#

79 58.2 35.8 53.8#

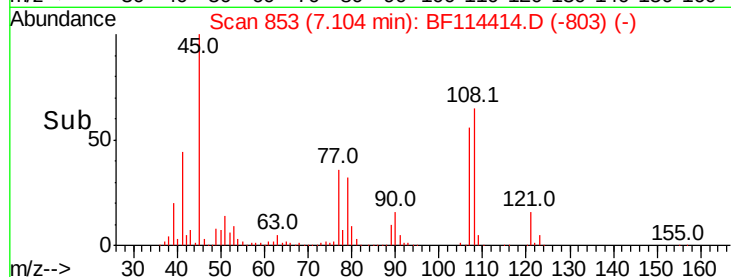


Abundance Ion 107.00 (106.70 to 107.70): E

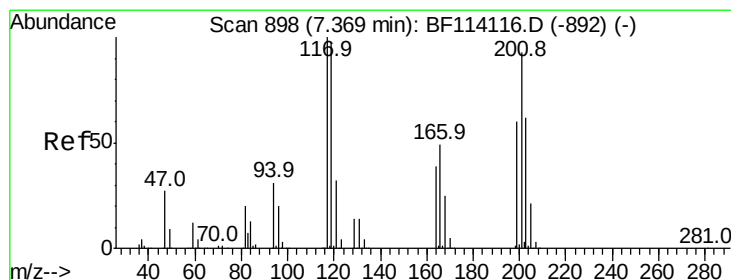
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.854 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

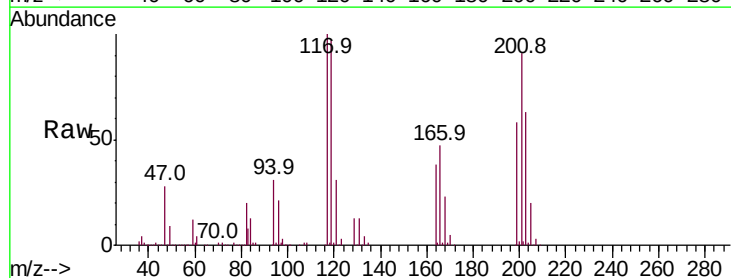
Tgt Ion:117 Resp: 220936

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

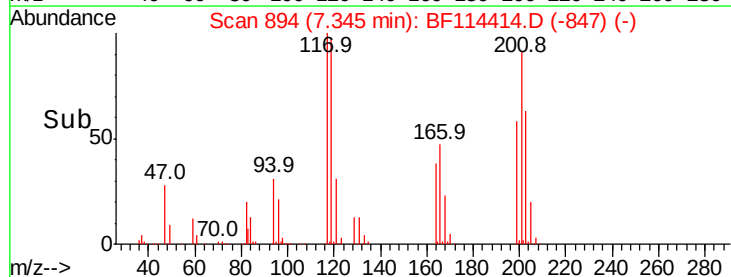
201 90.7 74.5 111.7



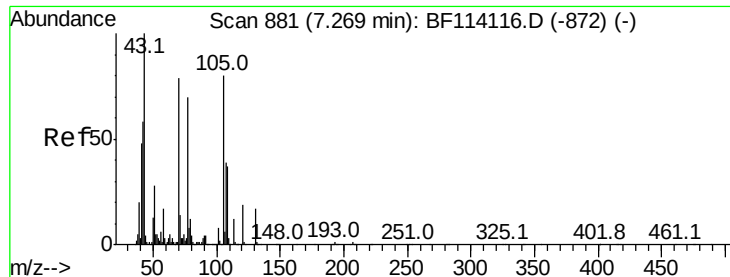
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



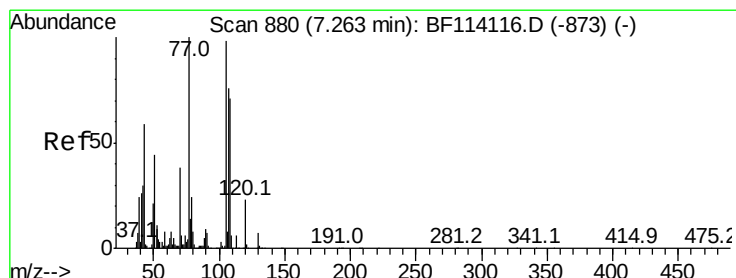
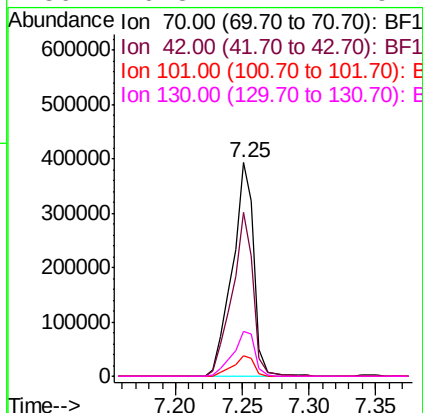
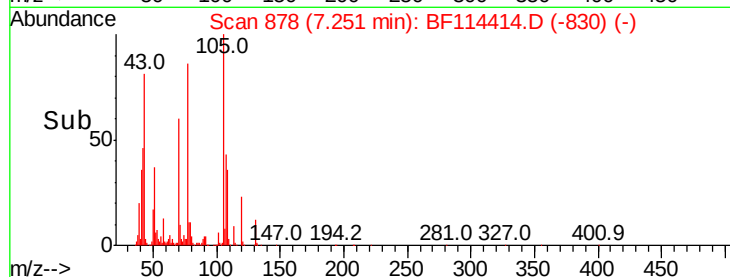
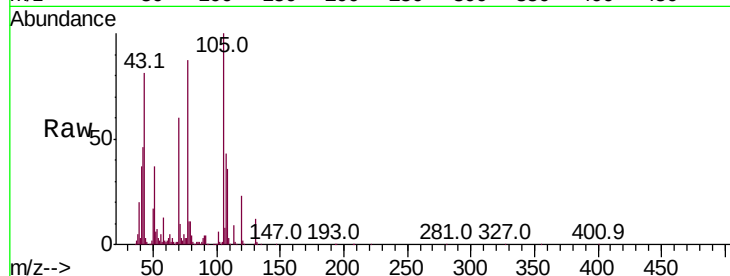
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.961 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

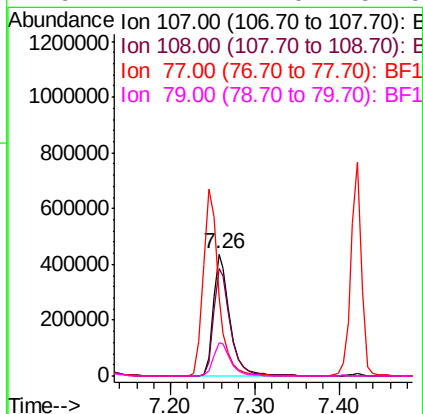
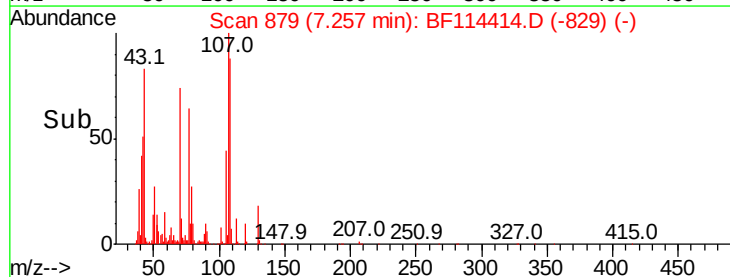
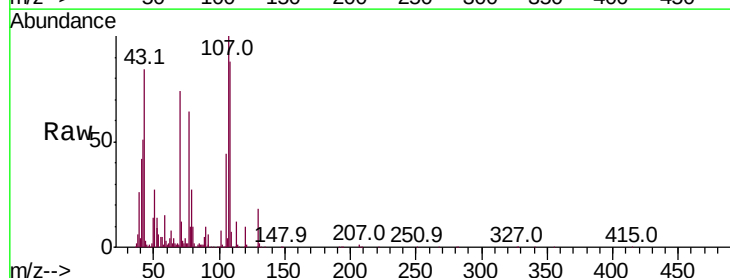
Instrument :
BNA_F
ClientSampleId :

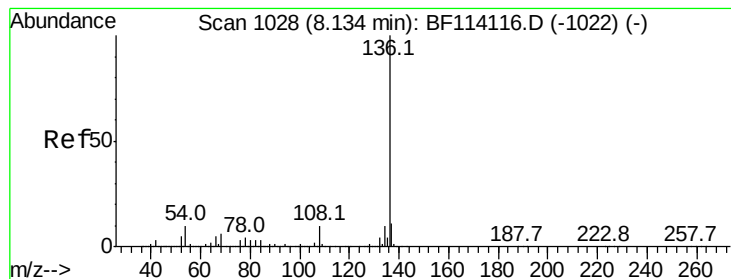
Tot Ion: 70 Resp: 445791
Ion Ratio Lower Upper
70 100
42 76.9 58.6 87.8
101 9.7 7.8 11.8
130 20.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 44.971 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:107 Resp: 602640
Ion Ratio Lower Upper
107 100
108 88.1 73.8 113.8
77 64.0 111.5 151.5#
79 27.4 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 795294

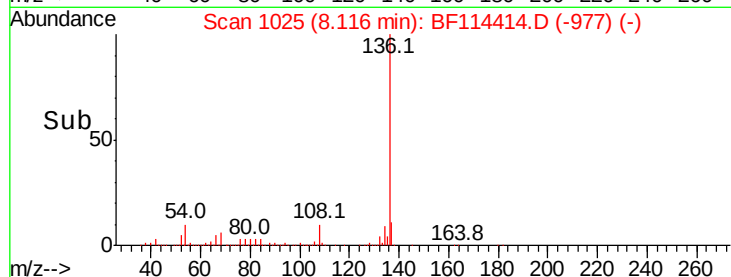
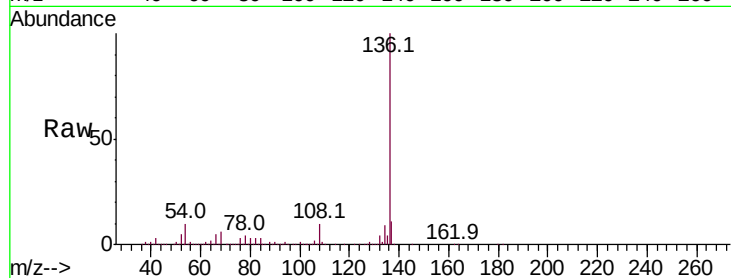
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.2 5.1 7.7



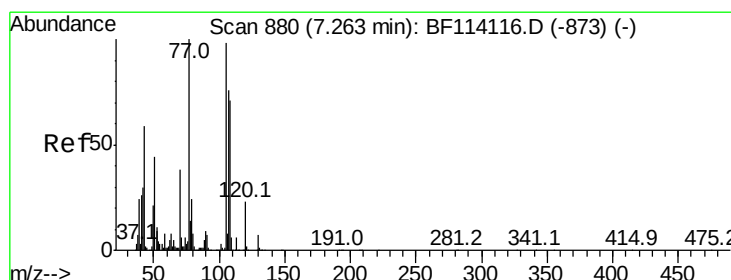
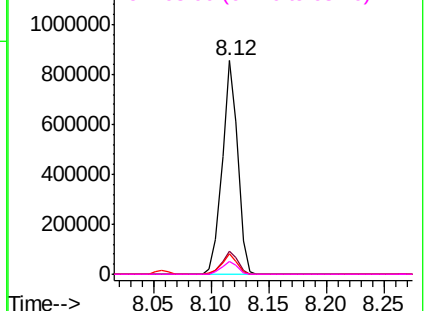
Abundance

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: 49.207 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:105 Resp: 866952

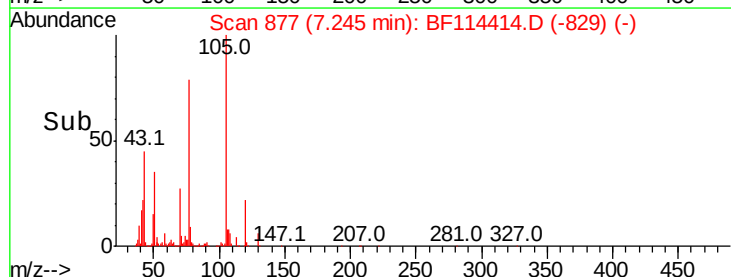
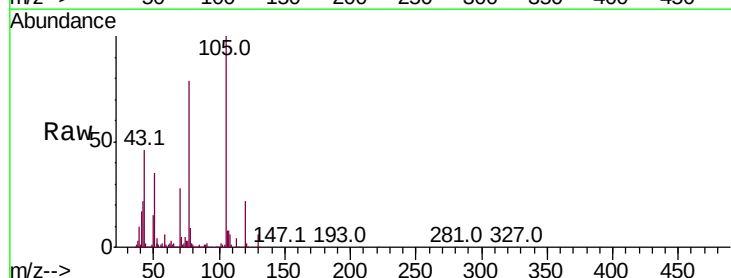
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 34.6 36.2 54.4#

120 22.2 18.6 28.0



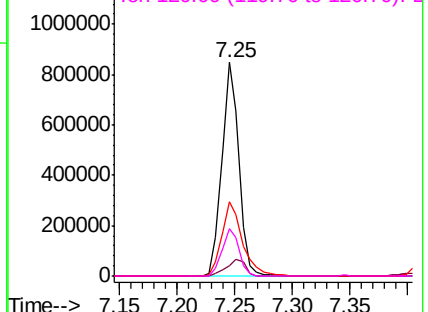
Abundance

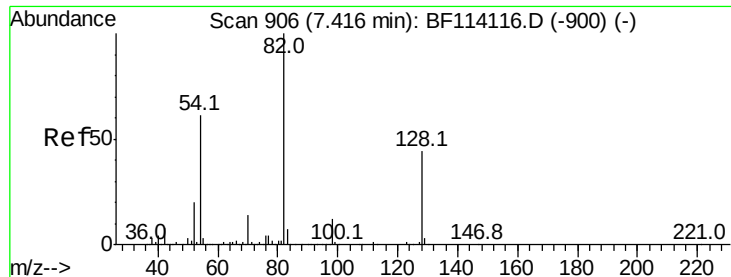
Ion 105.00 (104.70 to 105.70): E

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



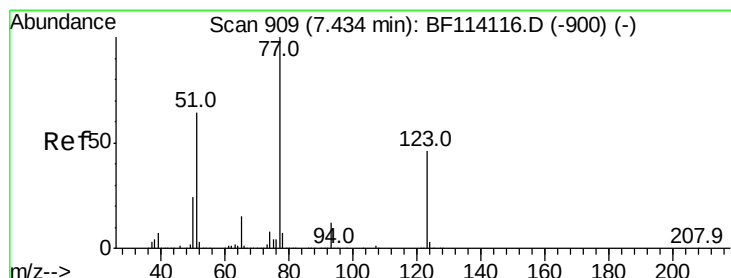
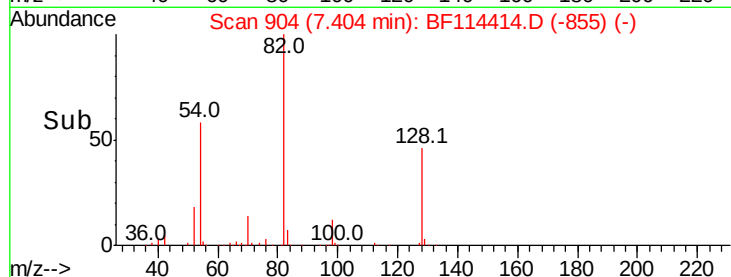
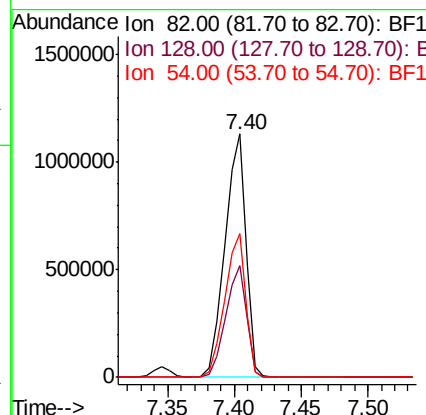
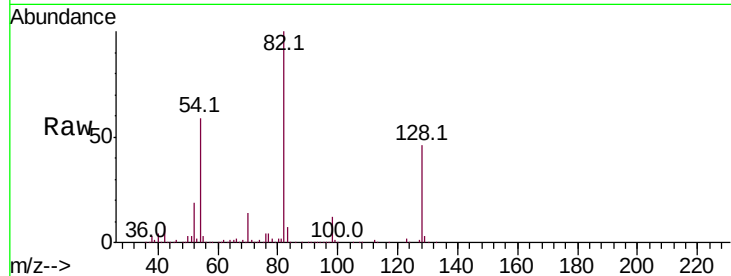


#23
 Nitrobenzene-d5
 Concen: 89.293 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1265396

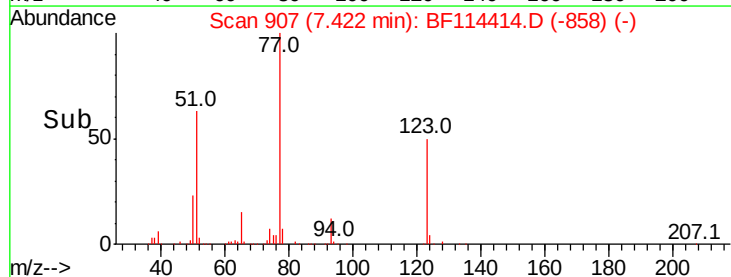
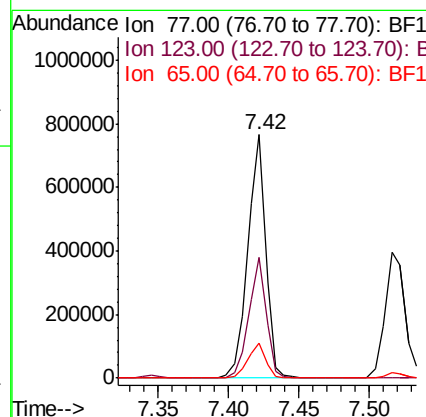
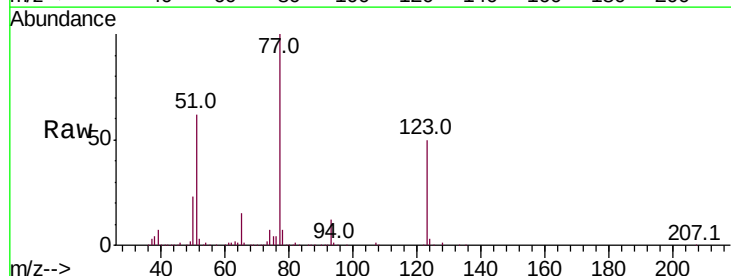
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.5	53.3
54	59.0	48.5	72.7

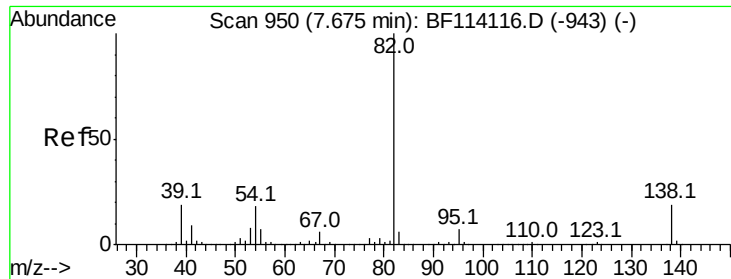


#24
 Nitrobenzene
 Concen: 46.559 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion: 77 Resp: 672007

Ion	Ratio	Lower	Upper
77	100		
123	49.8	36.9	55.3
65	14.6	11.8	17.6





#25

Isophorone

Concen: 47.226 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampled :

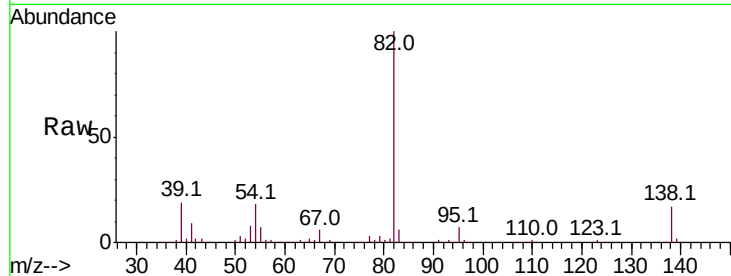
Tot Ion: 82 Resp: 1241200

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

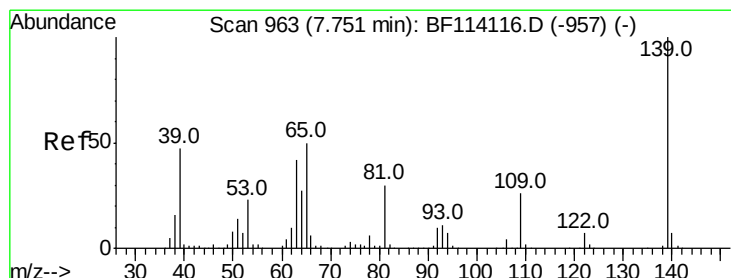
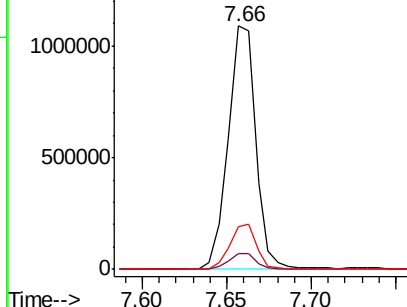
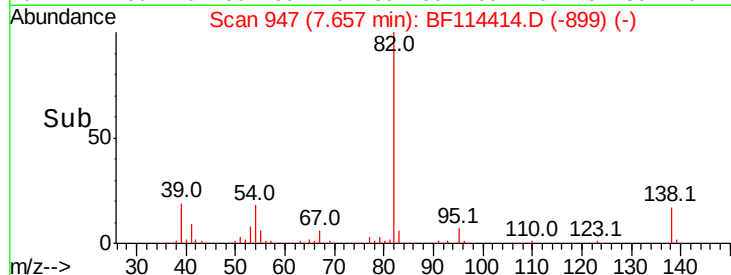
138 17.3 14.8 22.2



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: 48.255 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

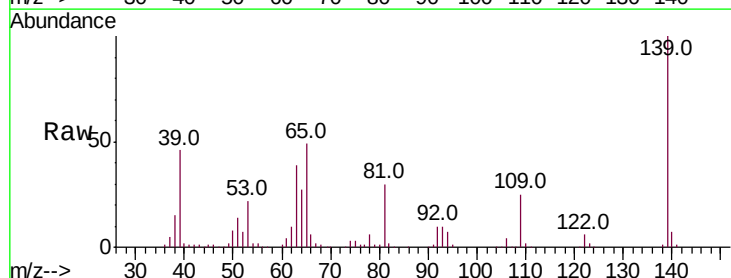
Tgt Ion: 139 Resp: 337914

Ion Ratio Lower Upper

139 100

109 25.1 20.7 31.1

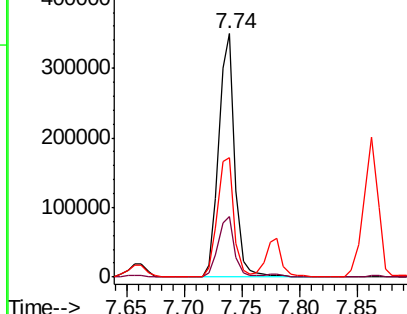
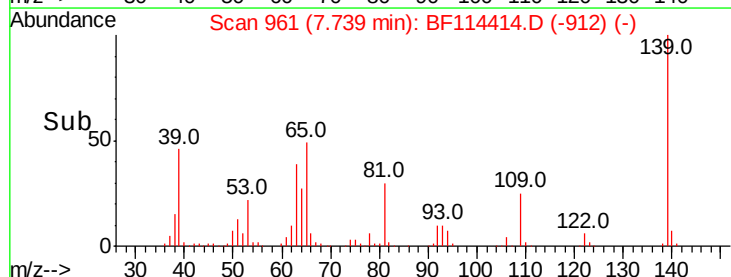
65 49.2 40.2 60.2

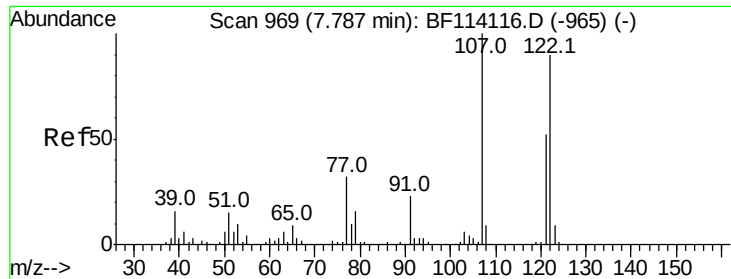


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

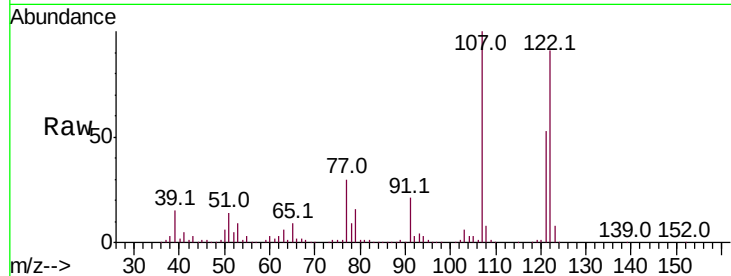




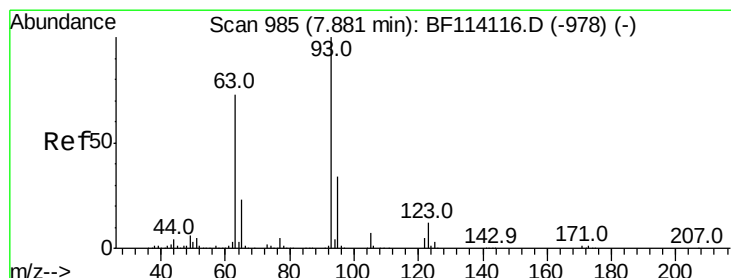
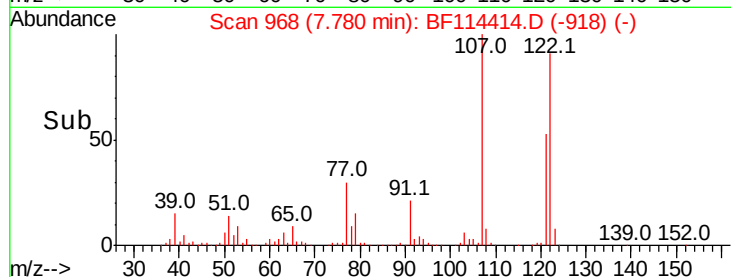
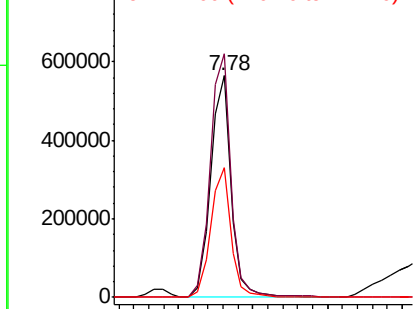
#27
2,4-Dimethylphenol
Concen: 48.340 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 531656
Ion Ratio Lower Upper
122 100
107 110.0 88.4 132.6
121 58.8 45.9 68.9

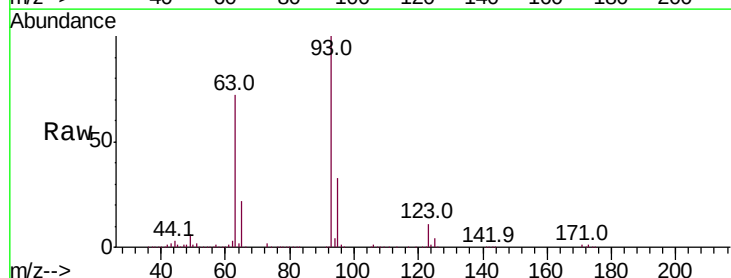


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

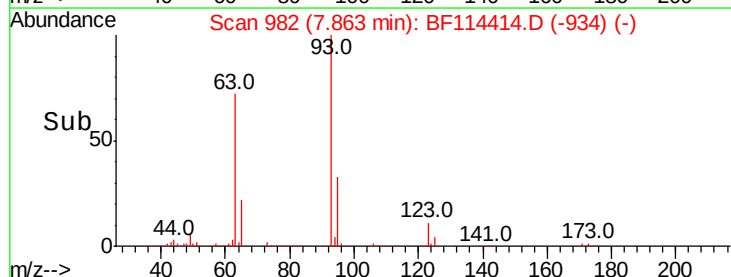
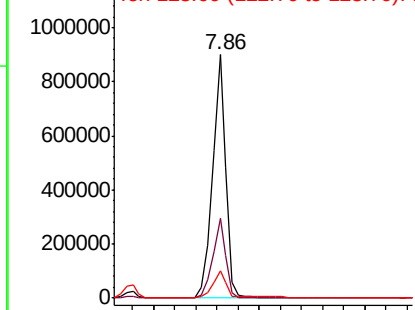


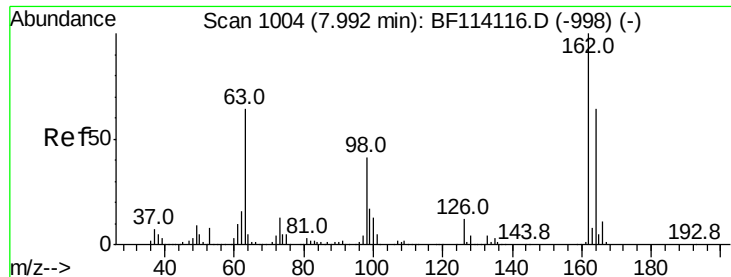
#28
bis(2-Chloroethoxy)methane
Concen: 46.877 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion: 93 Resp: 799383
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.0 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

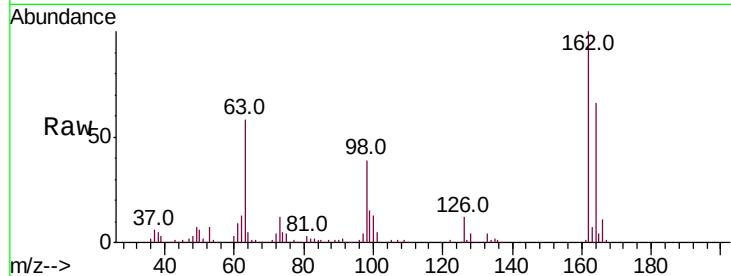




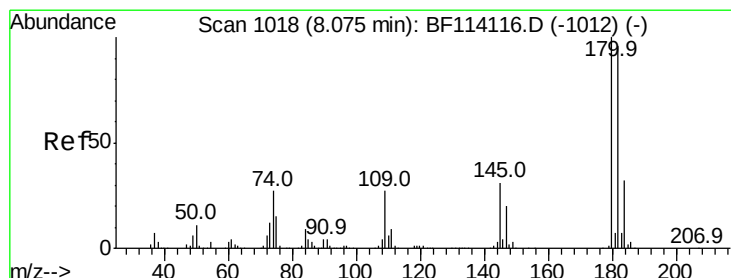
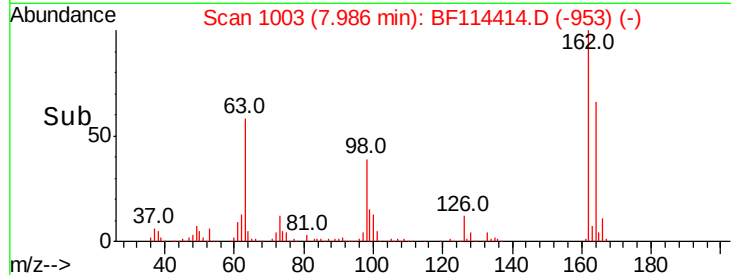
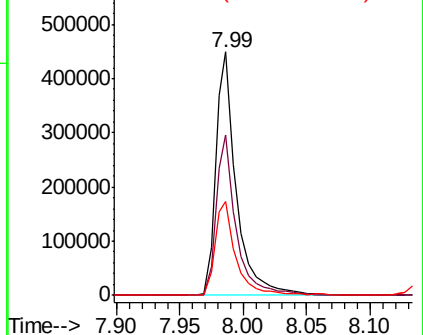
#29
2,4-Dichlorophenol
Concen: 46.547 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.6	83.6
98	38.5	20.6	60.6

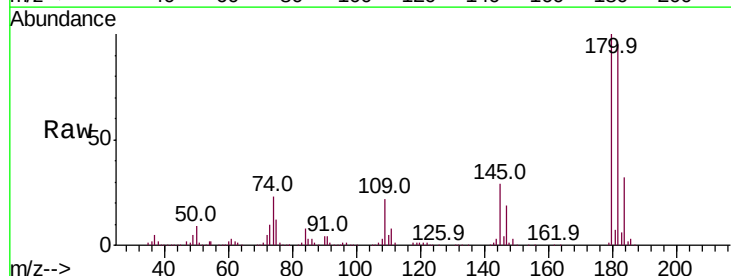


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

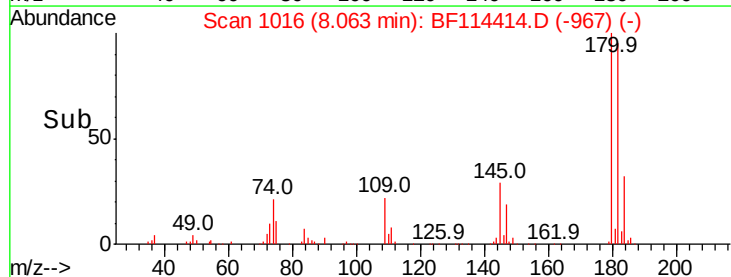
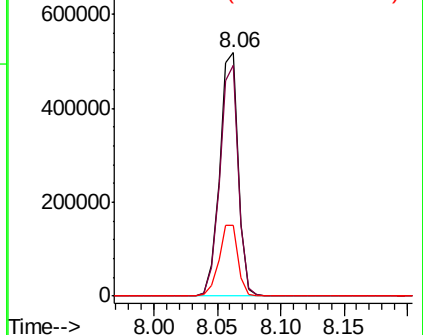


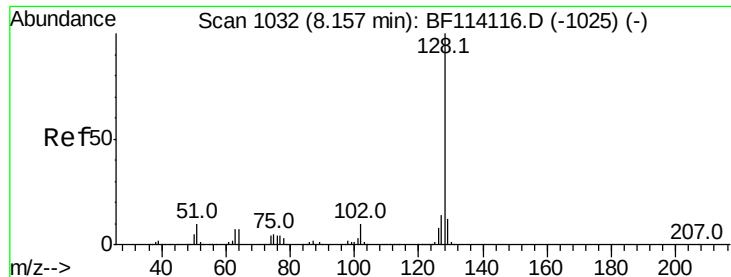
#30
1,2,4-Trichlorobenzene
Concen: 42.887 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	29.0	25.1	37.7



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

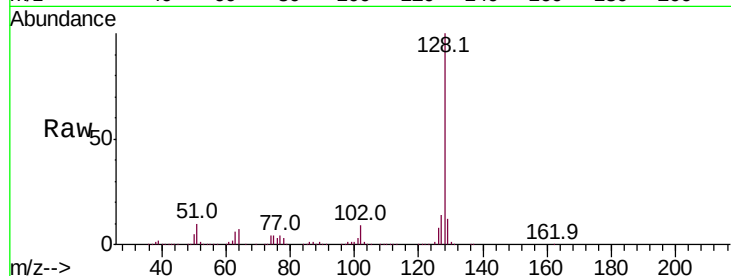




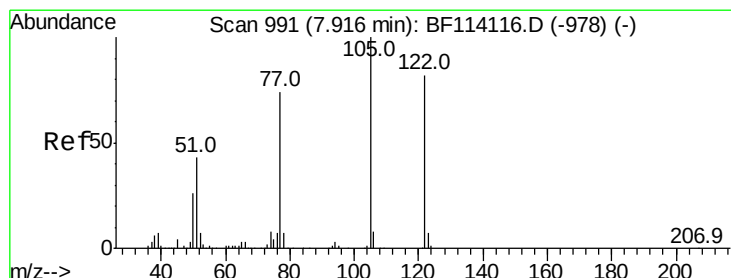
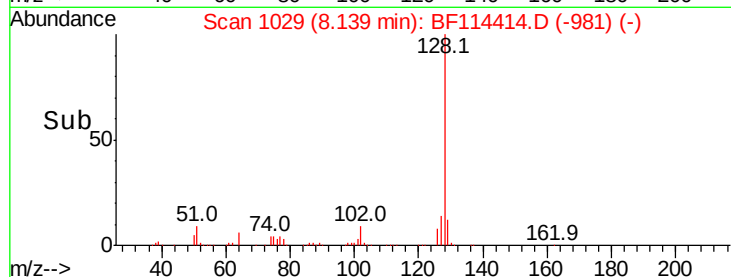
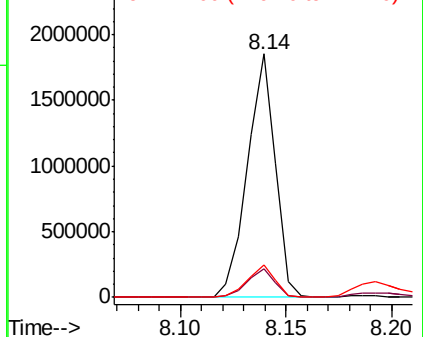
#31
Naphthalene
Concen: 45.815 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1702000
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.6 11.3 16.9

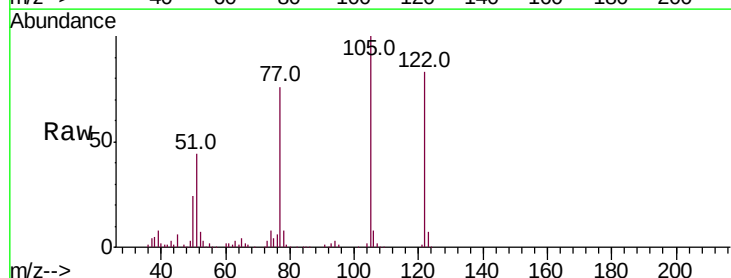


Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

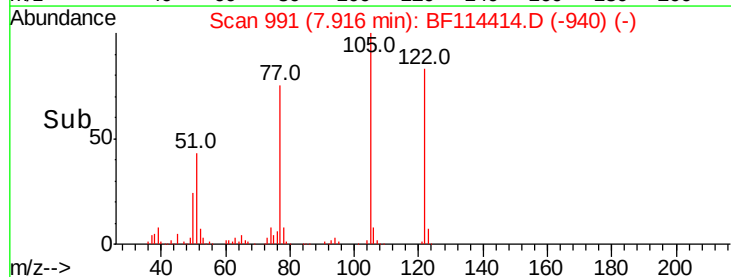
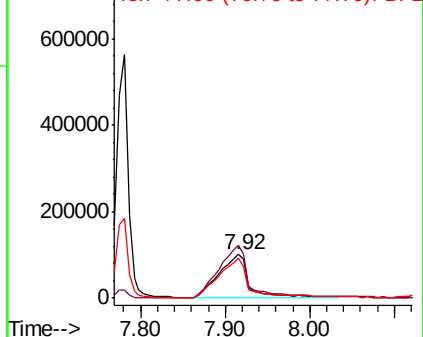


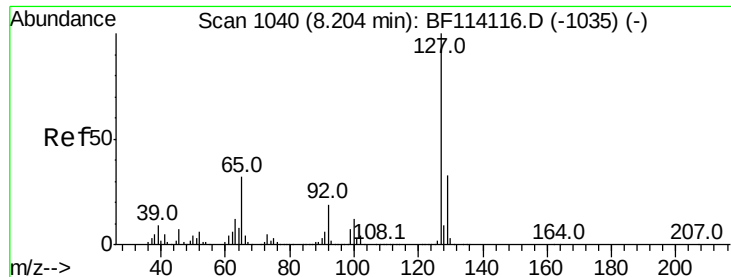
#32
Benzoic acid
Concen: 33.899 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:122 Resp: 246895
Ion Ratio Lower Upper
122 100
105 121.1 99.9 139.9
77 92.0 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

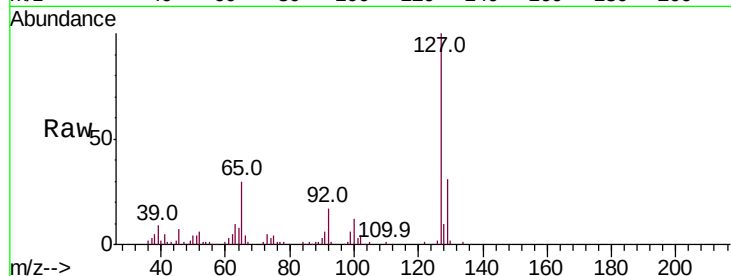




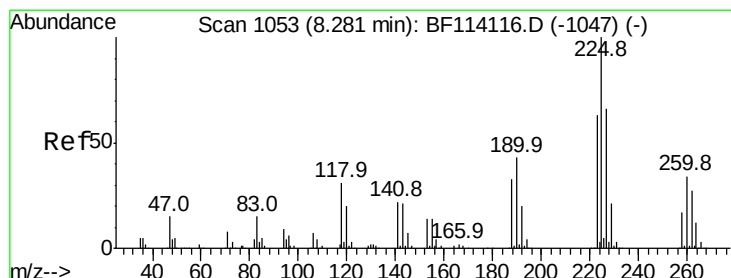
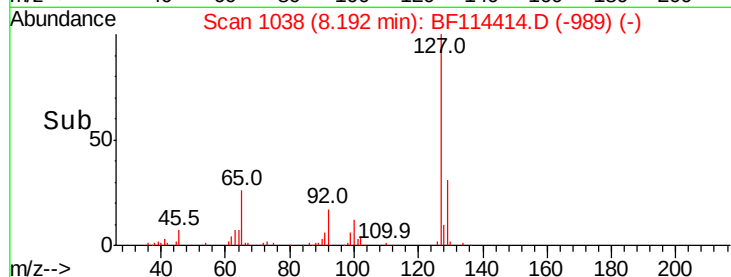
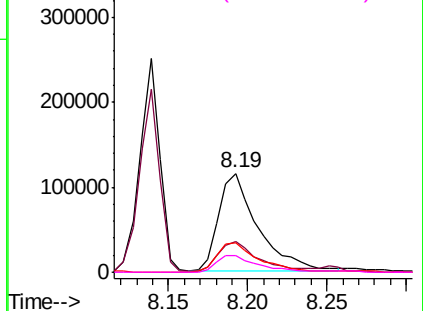
#33
 4-Chloroaniline
 Concen: 11.681 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	197749
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.7	40.1
65	29.9	25.4	38.0
92	17.4	15.4	23.2

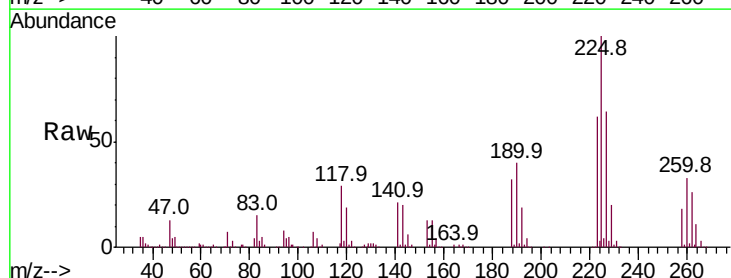


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

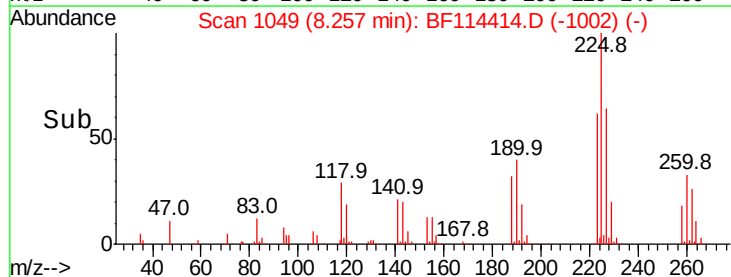
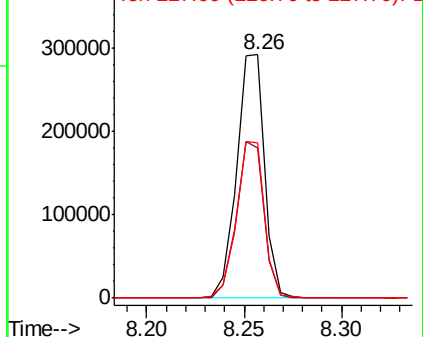


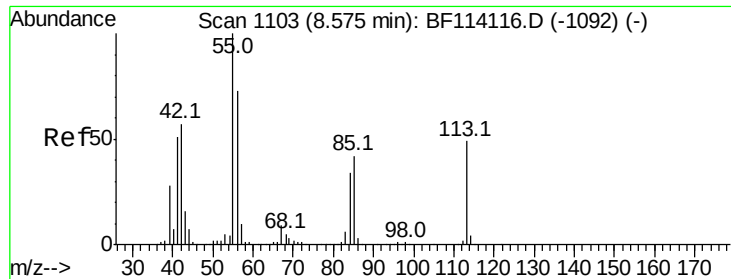
#34
 Hexachlorobutadiene
 Concen: 40.843 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:	225	Resp:	289408
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	64.0	52.6	79.0



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

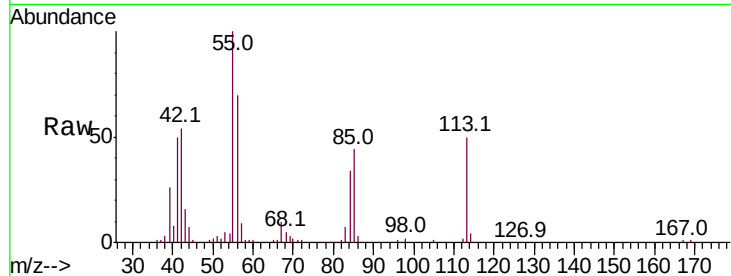




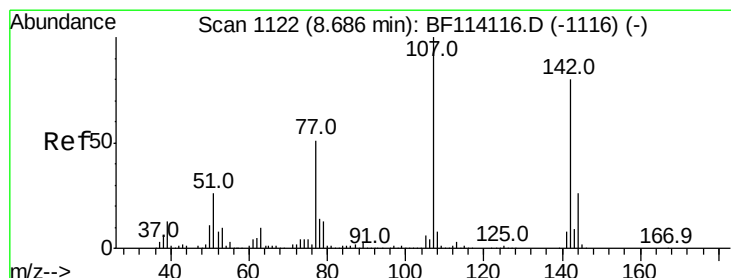
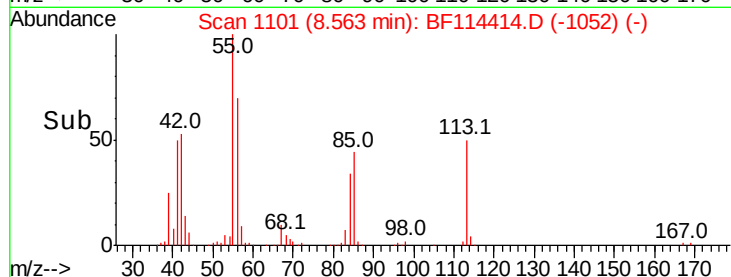
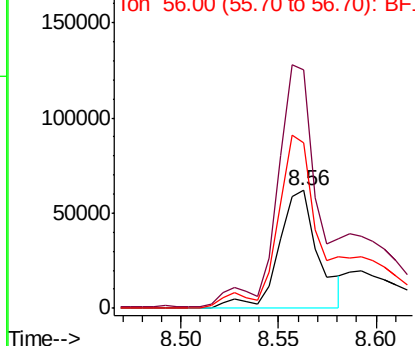
#35
Caprolactam
Concen: 24.424 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 87220
Ion Ratio Lower Upper
113 100
55 202.0 183.5 223.5
56 140.9 128.8 168.8

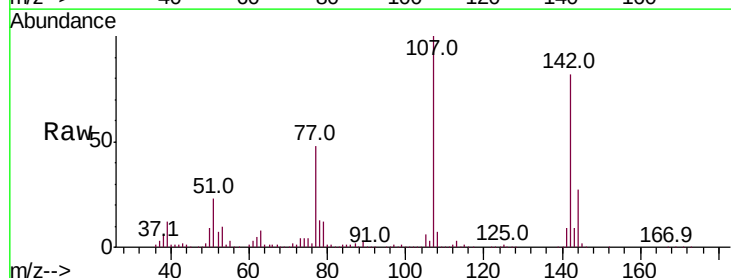


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

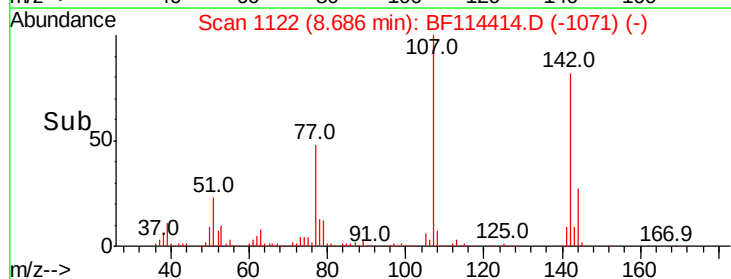
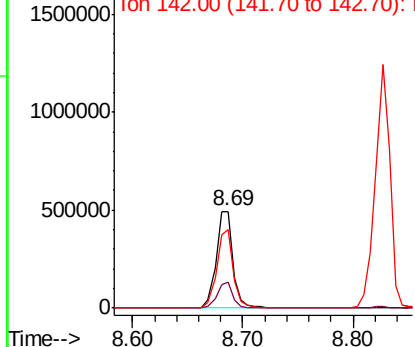


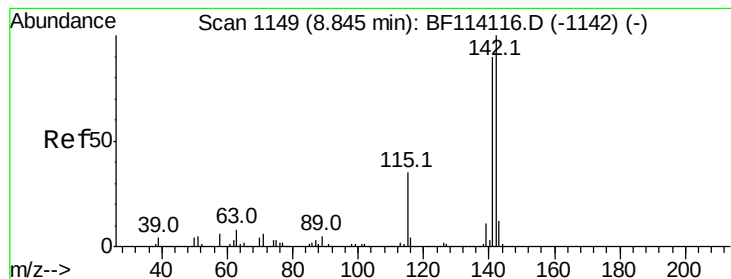
#36
4-Chloro-3-methylphenol
Concen: 47.277 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:107 Resp: 521174
Ion Ratio Lower Upper
107 100
144 26.8 20.4 30.6
142 81.9 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 48.913 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

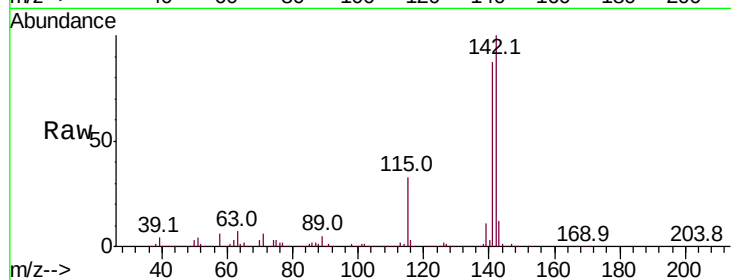
Tot Ion:142 Resp: 1172381

Ion Ratio Lower Upper

142 100

141 86.8 72.1 108.1

115 33.3 28.0 42.0

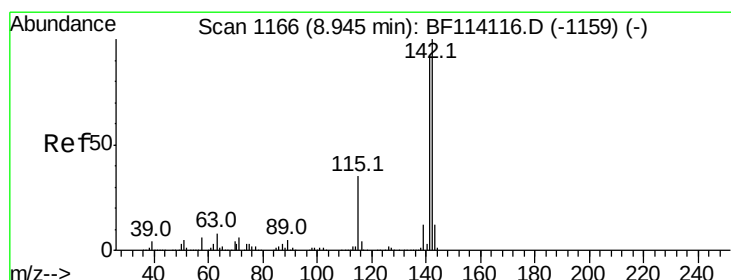
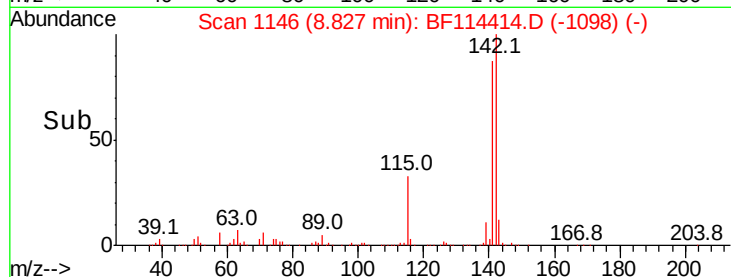
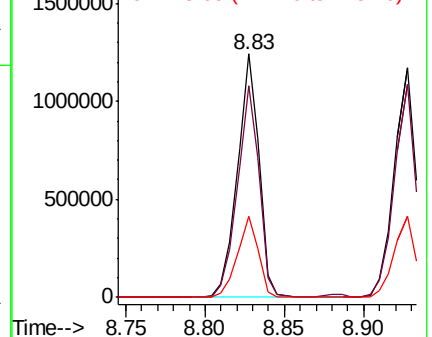


Abundance

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: 48.557 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

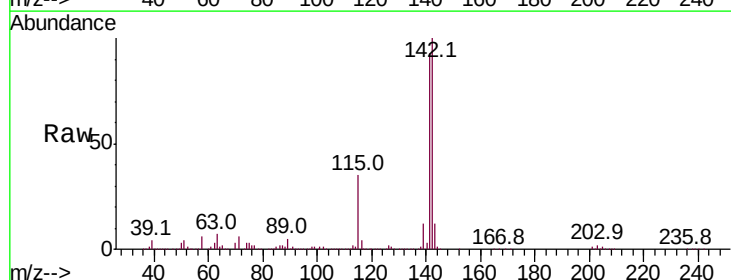
Tgt Ion:142 Resp: 1096019

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.0

116 3.8 3.1 4.7

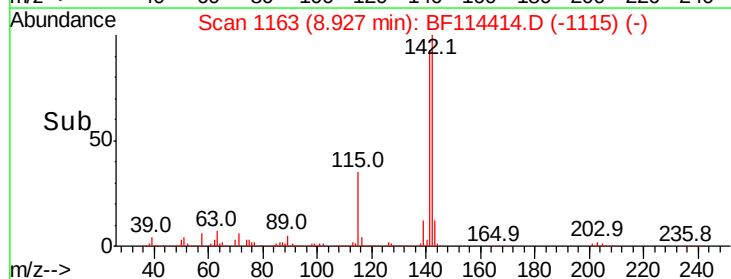
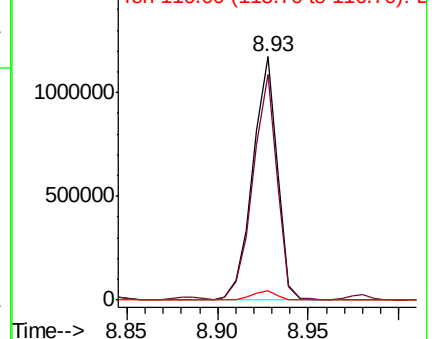


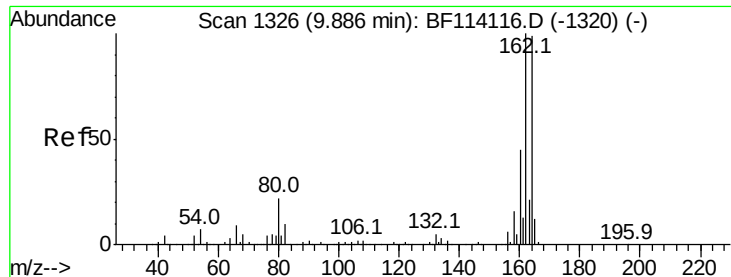
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

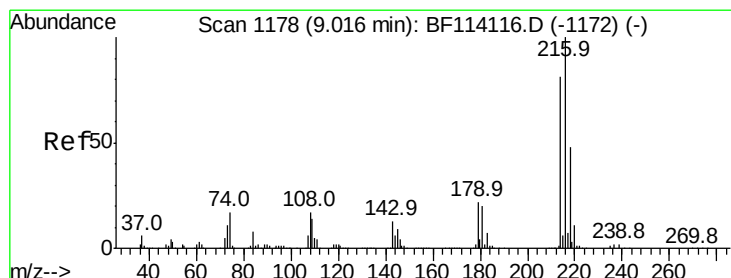
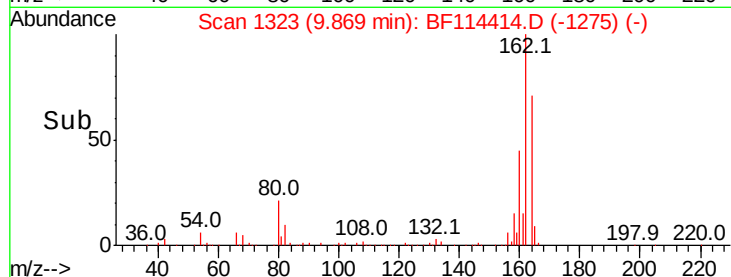
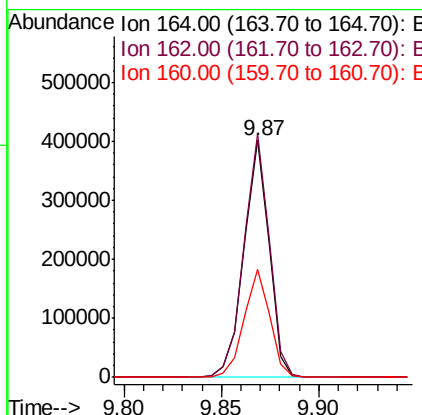
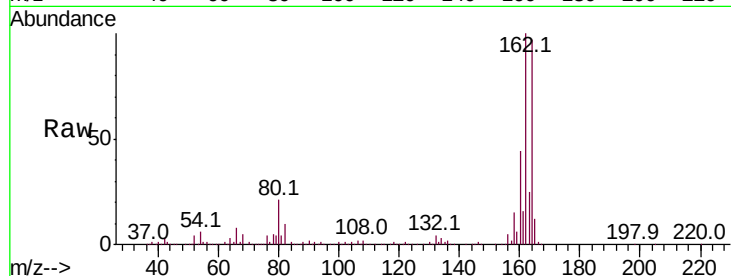




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

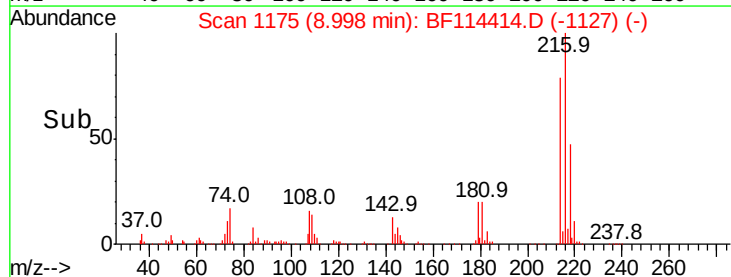
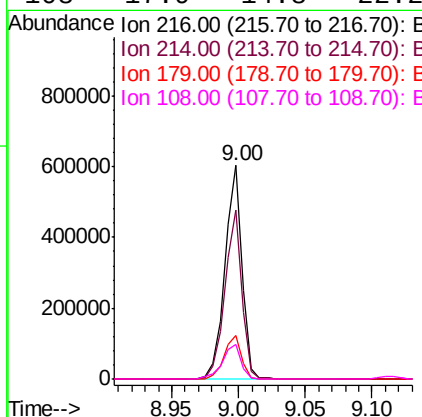
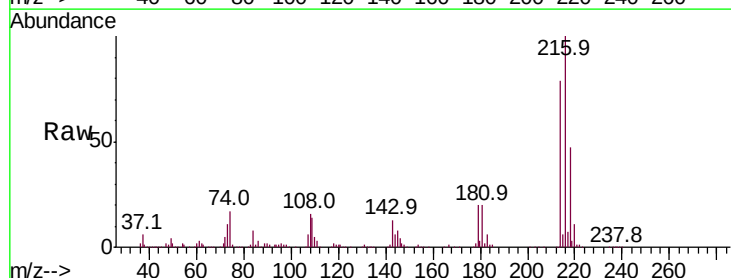
Instrument :
 BNA_F
 ClientSampled :

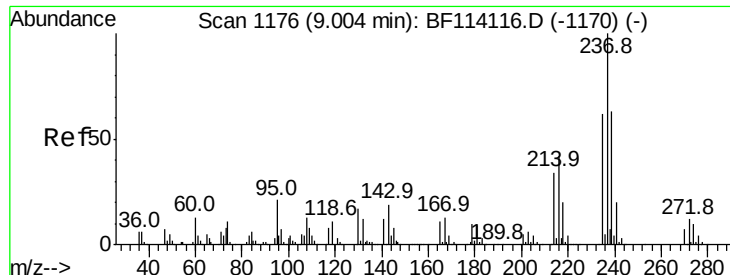
Tot Ion:164 Resp: 359853
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.6 120.8
 160 45.5 36.5 54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.936 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:216 Resp: 544339
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.9 95.9
 179 20.9 17.0 25.6
 108 17.9 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 33.213 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

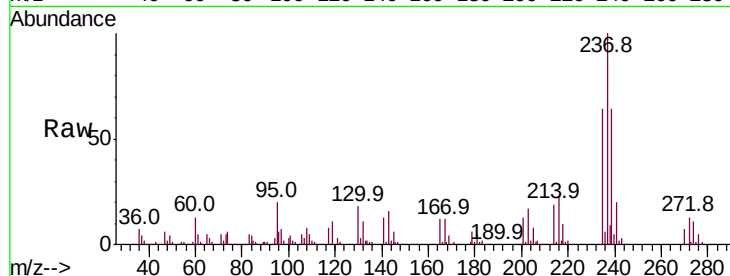
Tot Ion:237 Resp: 155095

Ion Ratio Lower Upper

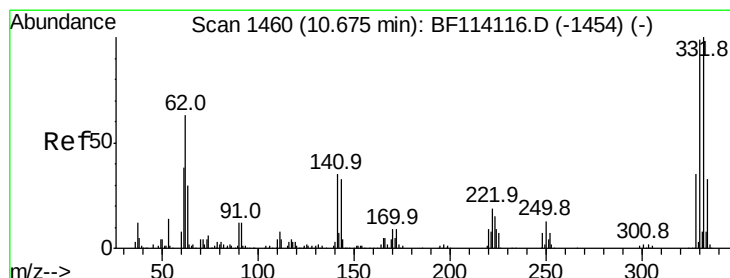
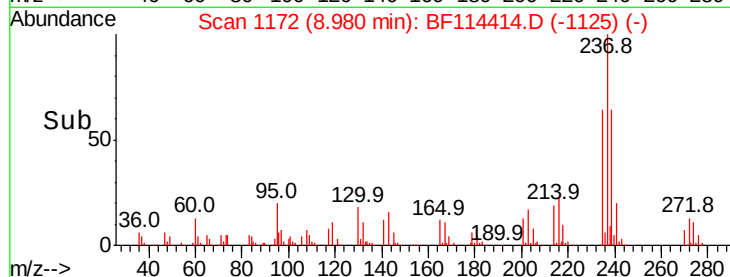
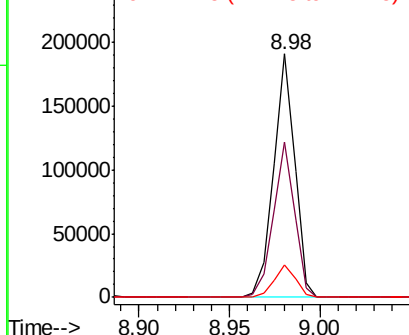
237 100

235 63.7 42.0 82.0

272 13.3 0.0 32.4



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: 117.798 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

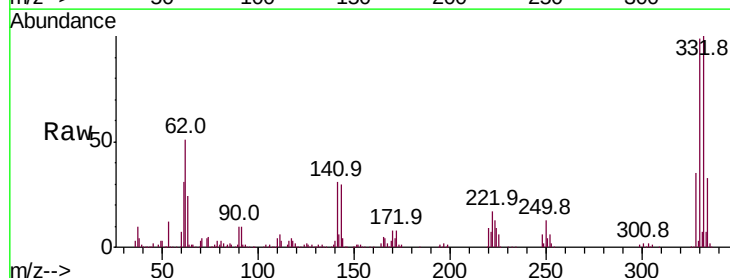
Tgt Ion:330 Resp: 438240

Ion Ratio Lower Upper

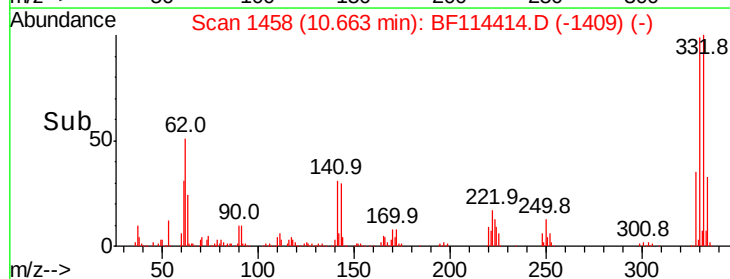
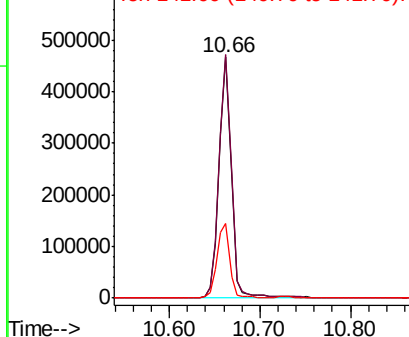
330 100

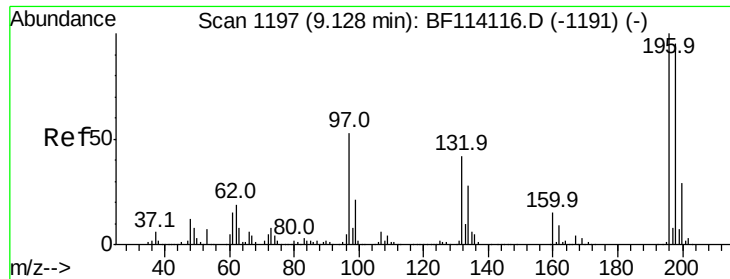
332 102.3 81.4 122.2

141 32.4 26.6 40.0



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

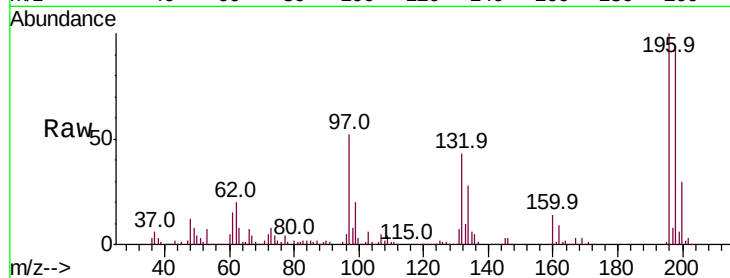




#43
 2,4,6-Trichlorophenol
 Concen: 45.618 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.9	113.9
200	30.5	23.5	35.3

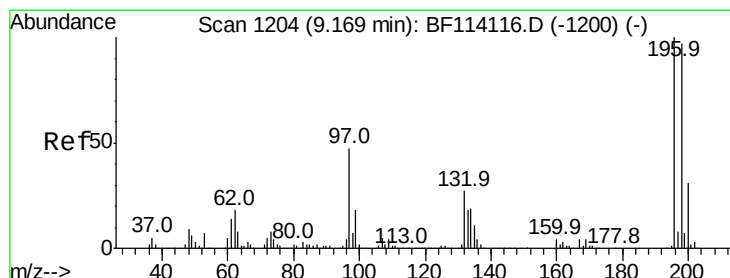
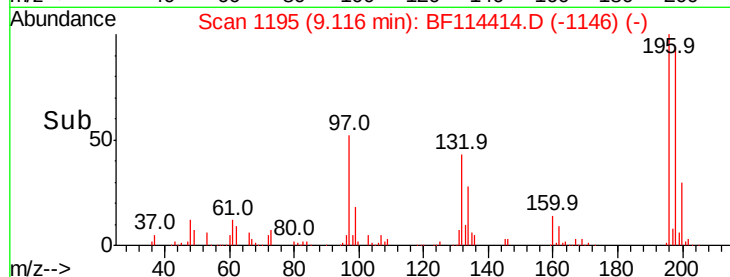
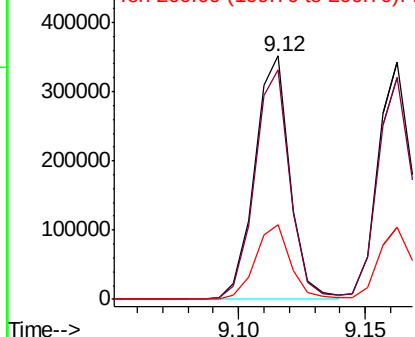


Abundance

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: 46.305 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	77.7	116.5
97	48.3	38.2	57.2
132	27.2	21.4	32.2

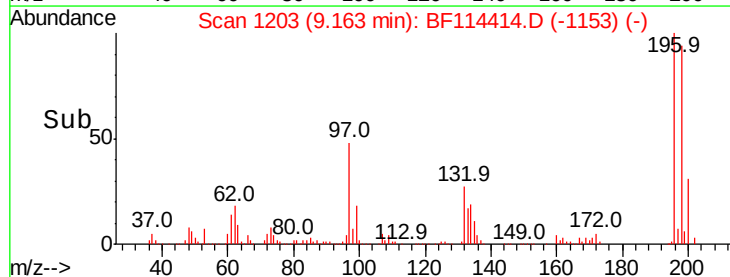
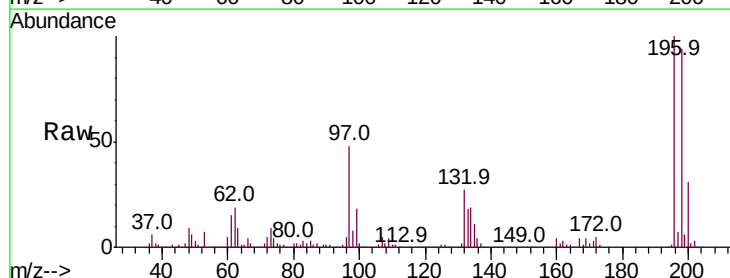
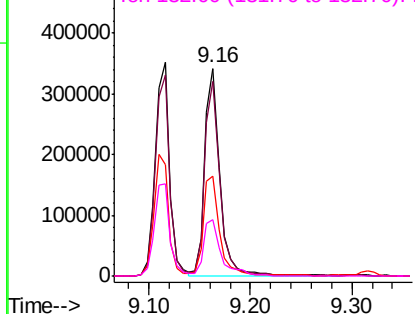
Abundance

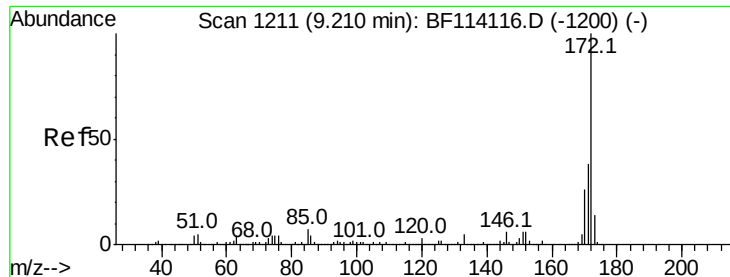
Ion 196.00 (195.70 to 196.70): E

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

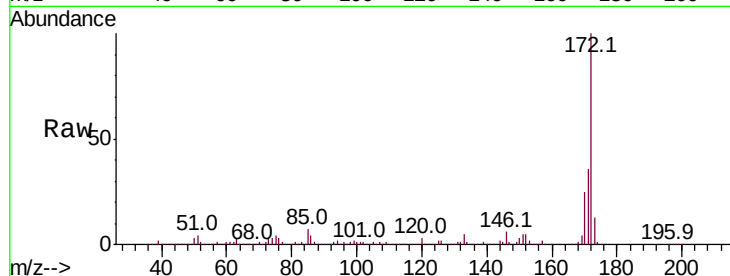




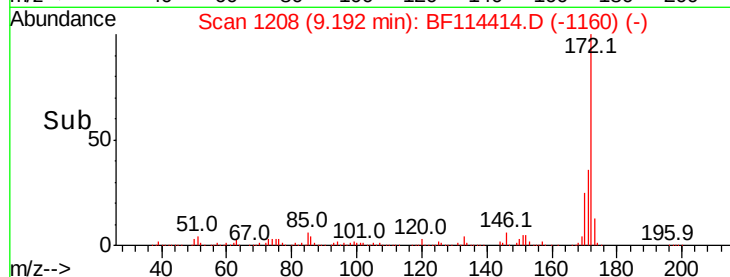
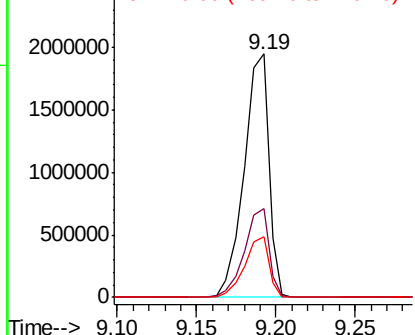
#45
2-Fluorobiphenyl
Concen: 88.649 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2108904
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.6 20.5 30.7

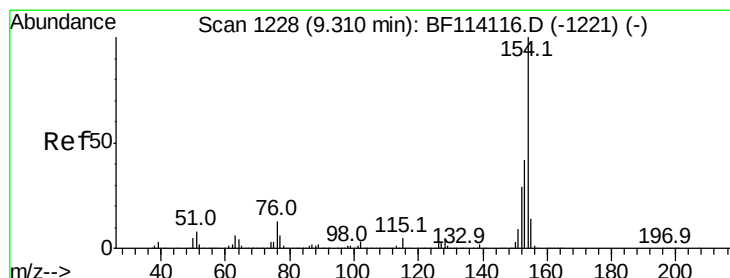


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

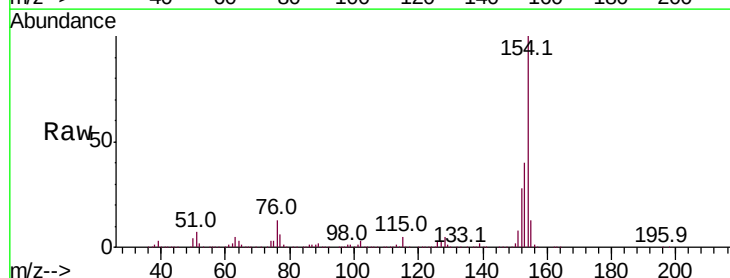
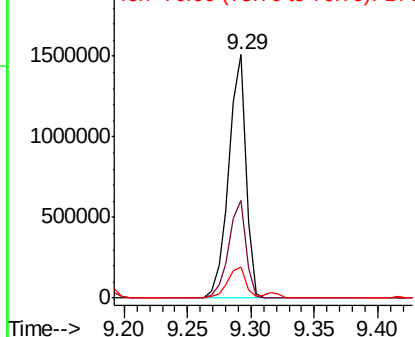


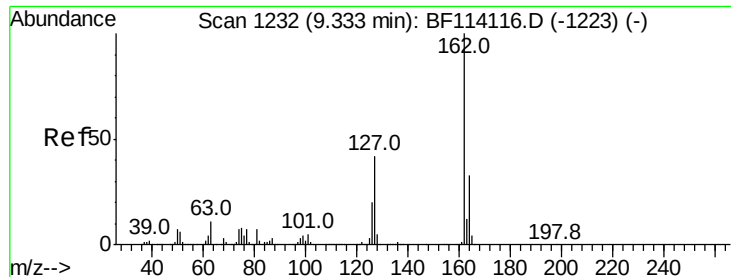
#46
1,1'-Biphenyl
Concen: 48.862 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:154 Resp: 1420479
Ion Ratio Lower Upper
154 100
153 40.3 21.9 61.9
76 12.6 0.0 32.8



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





#47

2-Chloronaphthalene

Concen: 45.766 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.02 min

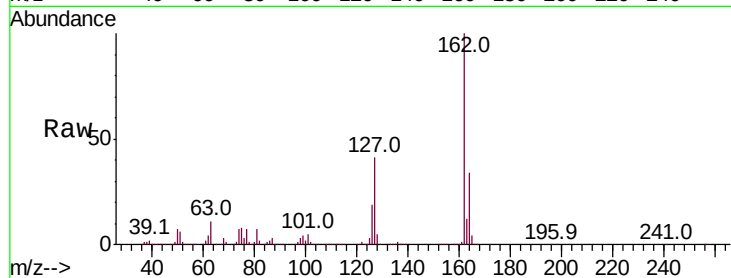
Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1070746

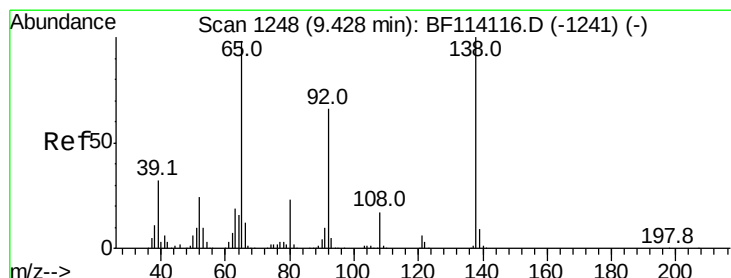
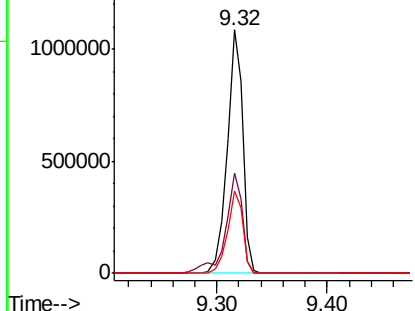
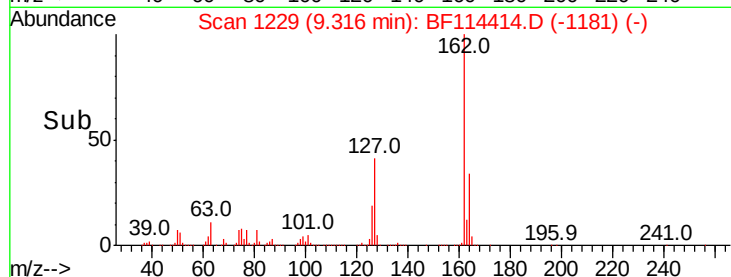
Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.0	51.0
164	33.7	26.7	40.1



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: 42.891 ng

RT: 9.42 min Scan# 1246

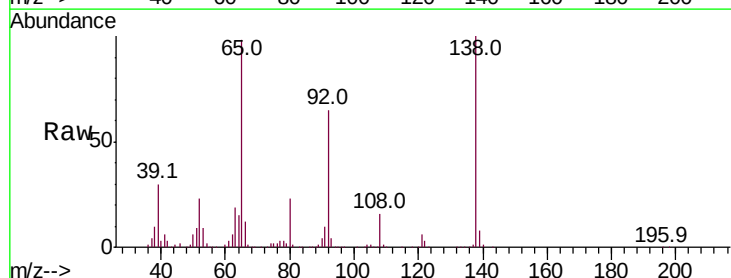
Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion: 65 Resp: 355889

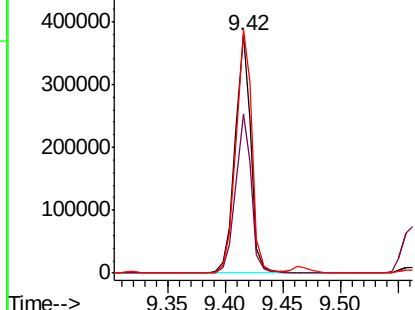
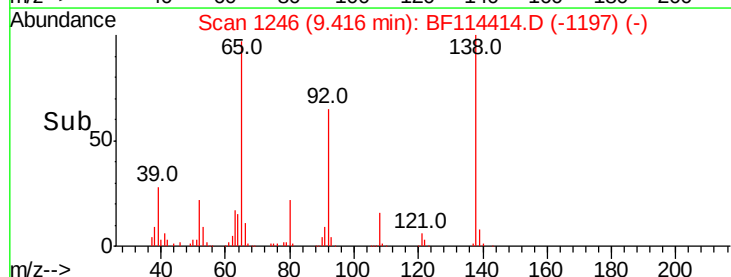
Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	102.3	81.4	122.0

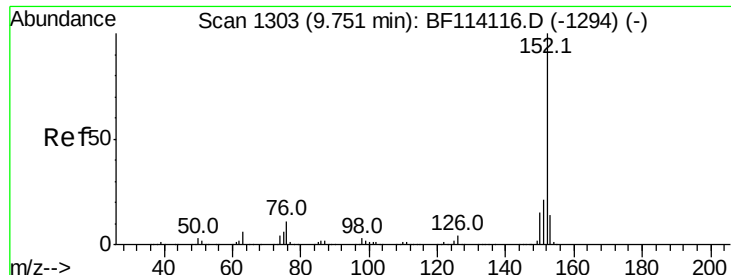


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.109 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampled :

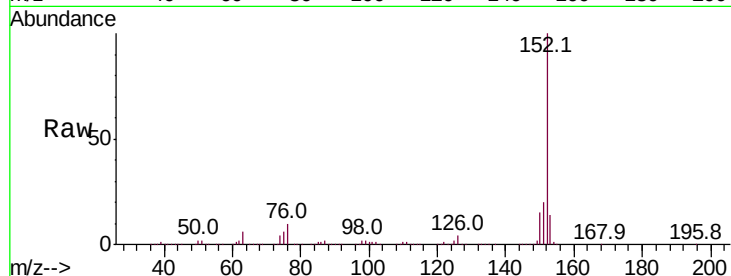
Tot Ion:152 Resp: 1676329

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

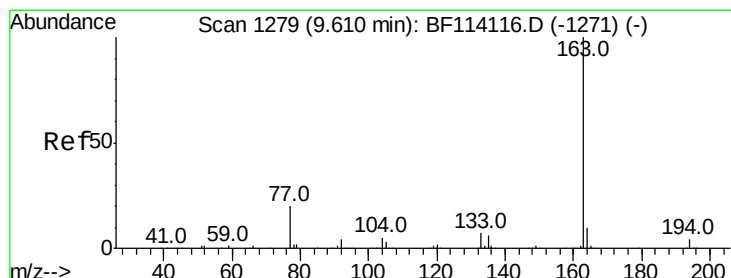
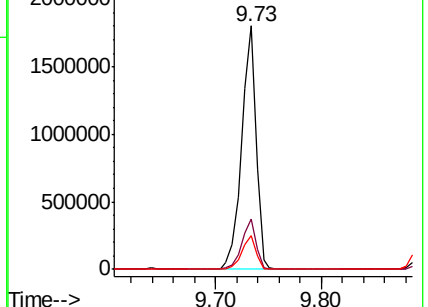
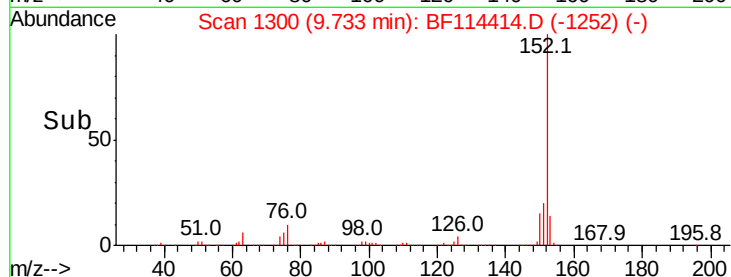
153 13.6 11.4 17.2



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: 47.699 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

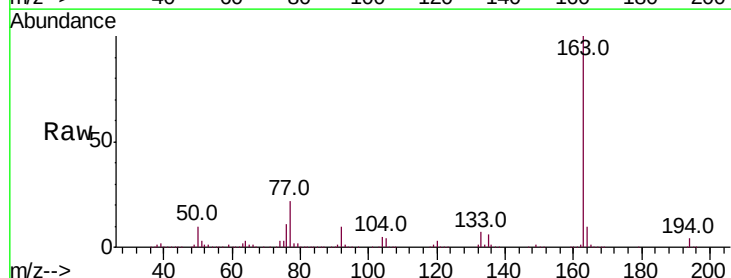
Tgt Ion:163 Resp: 1260046

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

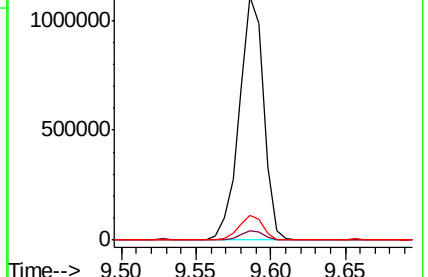
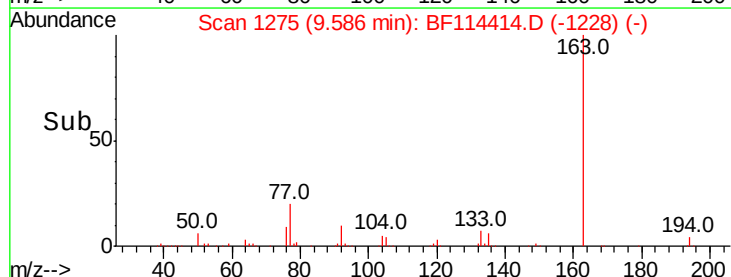
164 10.3 8.2 12.2

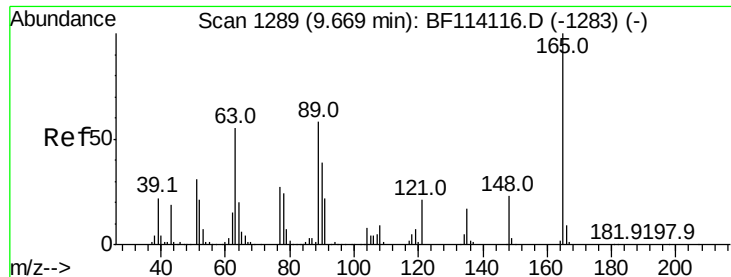


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

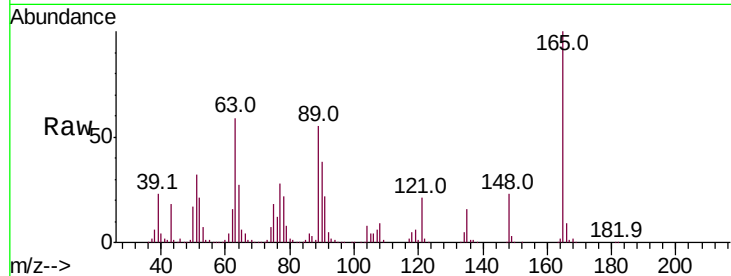




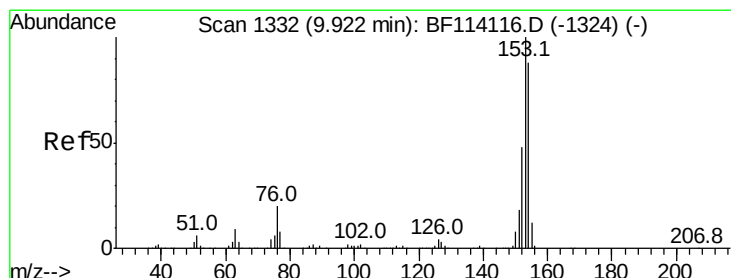
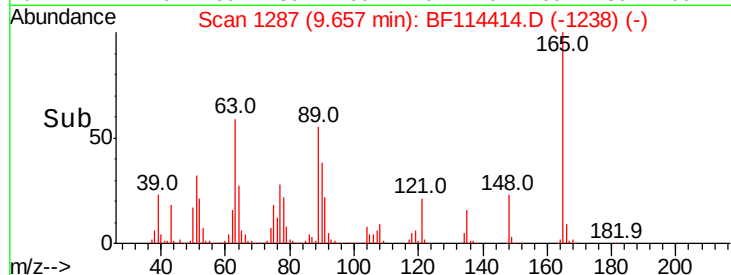
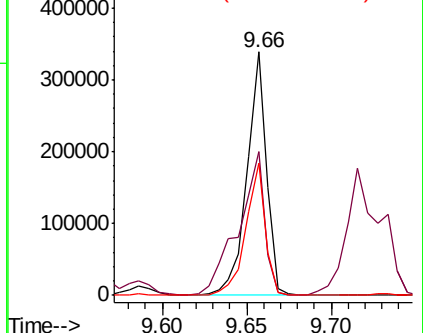
#51
 2,6-Dinitrotoluene
 Concen: 47.246 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 276822
 Ion Ratio Lower Upper
 165 100
 63 58.9 50.2 75.4
 89 54.6 46.6 69.8

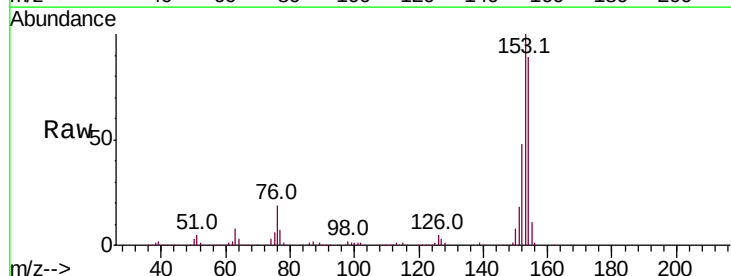


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

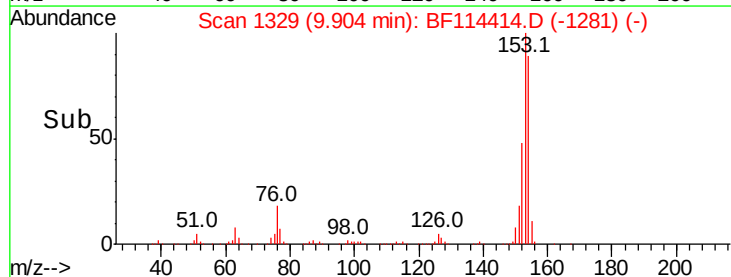
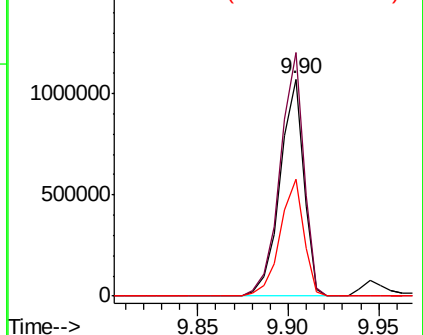


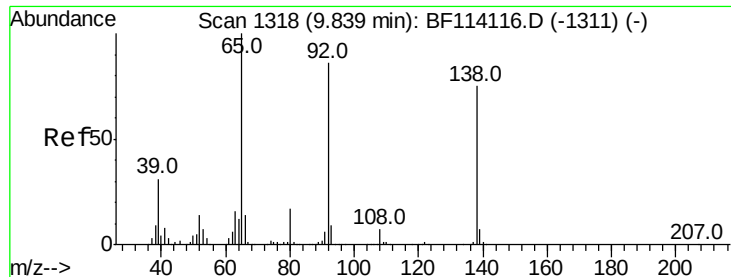
#52
 Acenaphthene
 Concen: 44.932 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:154 Resp: 981145
 Ion Ratio Lower Upper
 154 100
 153 112.1 90.5 135.7
 152 53.9 43.4 65.2



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

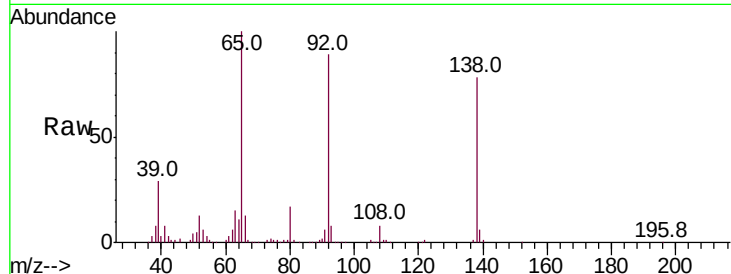




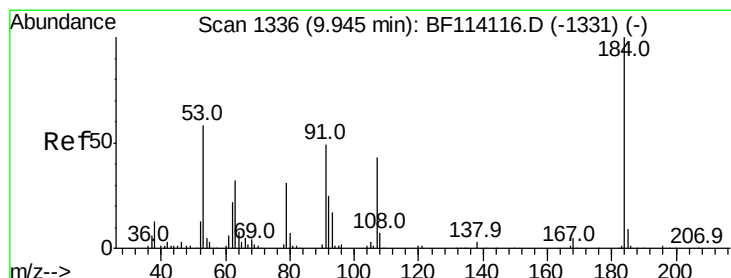
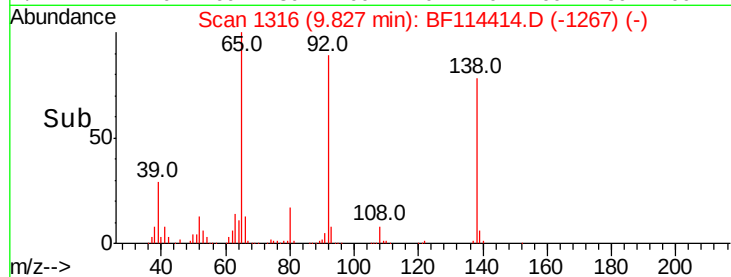
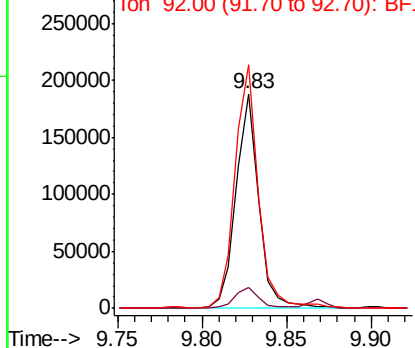
#53
3-Nitroaniline
Concen: 24.228 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 176219
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 113.4 91.2 136.8

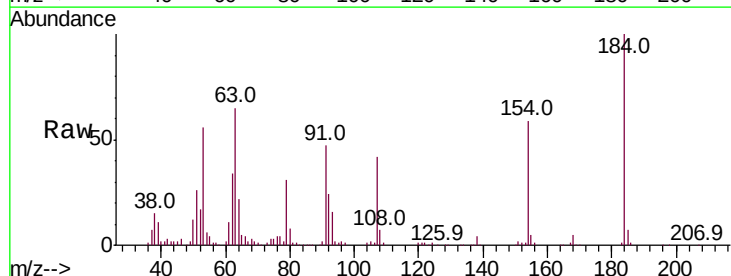


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

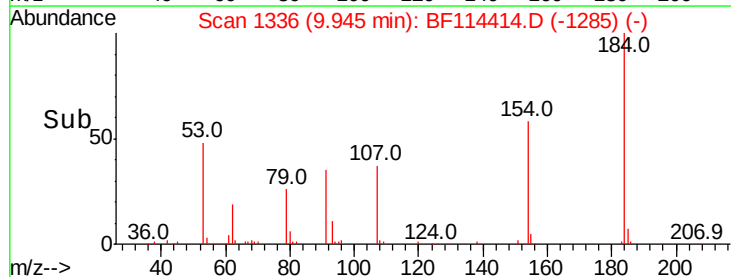
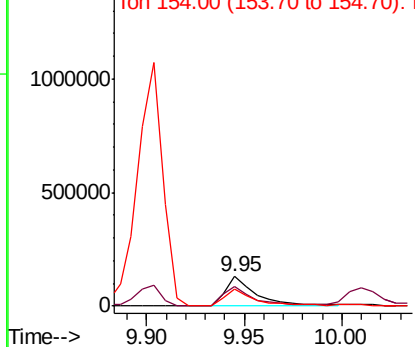


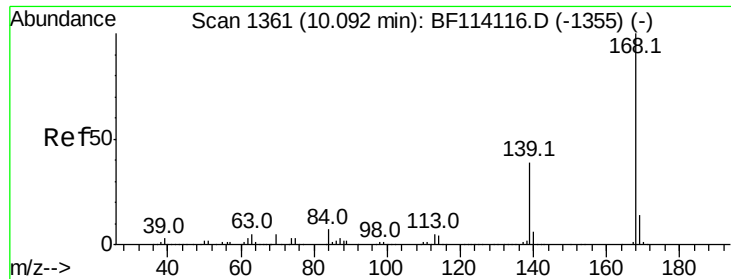
#54
2,4-Dinitrophenol
Concen: 51.623 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:184 Resp: 144395
Ion Ratio Lower Upper
184 100
63 64.9 55.6 83.4
154 59.0 46.0 69.0



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

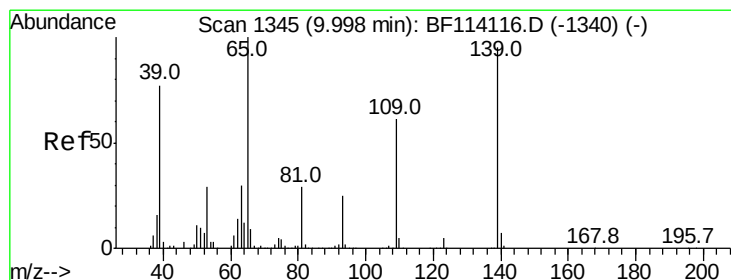
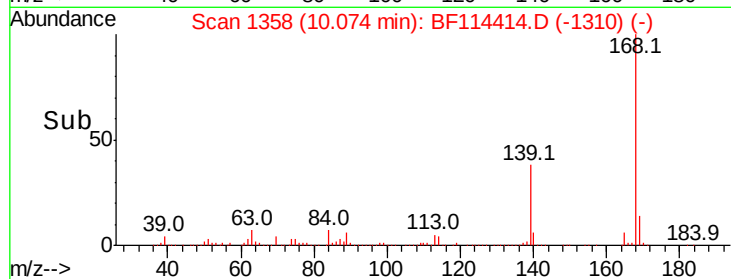
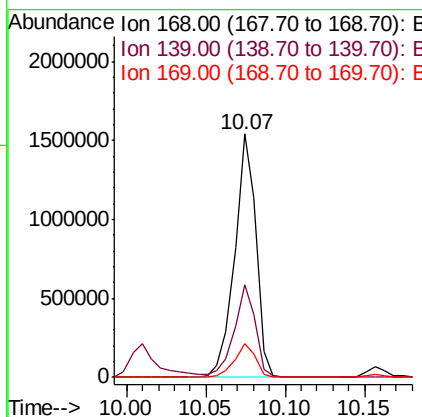
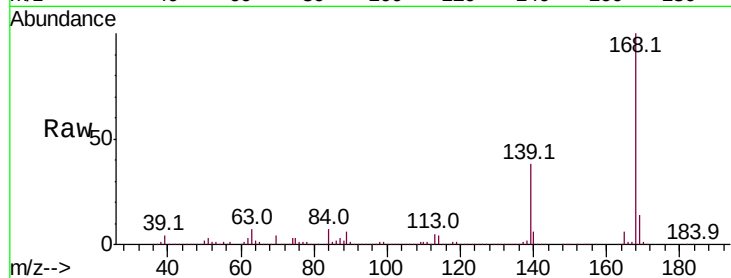




#55
Dibenzofuran
Concen: 44.733 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

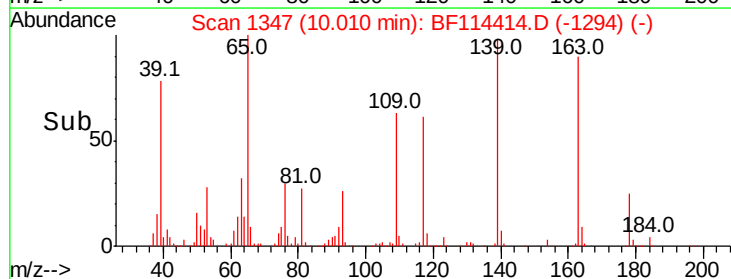
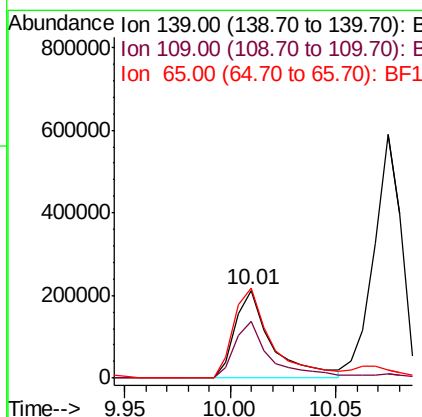
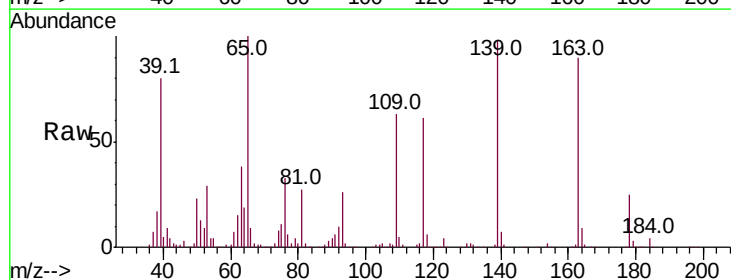
Instrument :
BNA_F
ClientSampleId :

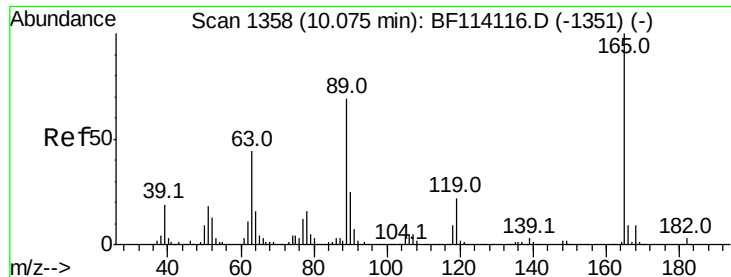
Tot Ion:168 Resp: 1432319
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 14.0 11.4 17.0



#56
4-Nitrophenol
Concen: 49.773 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:139 Resp: 256012
Ion Ratio Lower Upper
139 100
109 64.1 43.9 83.9
65 102.4 85.7 125.7

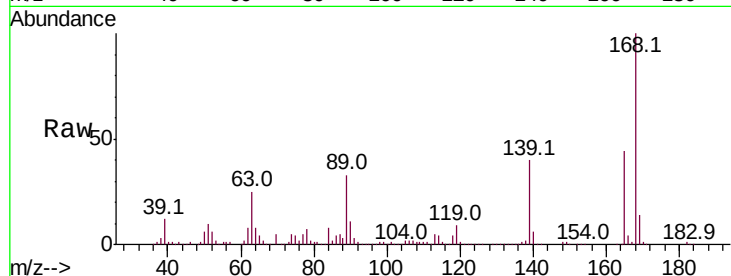




#57
2,4-Dinitrotoluene
Concen: 42.304 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.0	35.5	53.3#
89	74.2	55.2	82.8
182	2.6	2.2	3.2



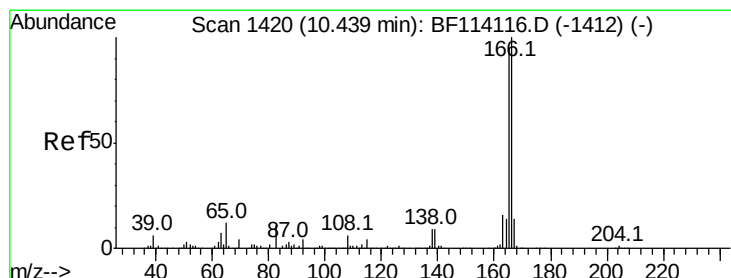
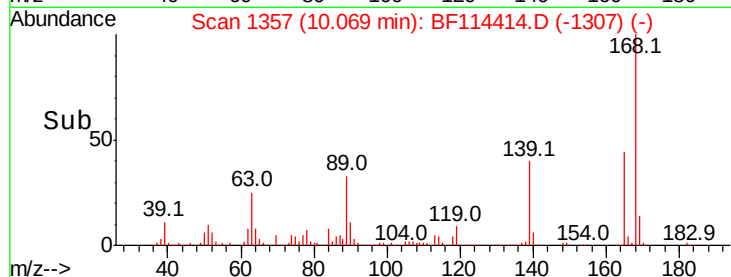
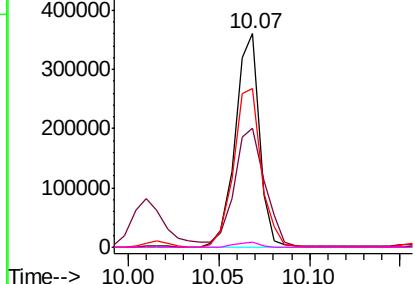
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

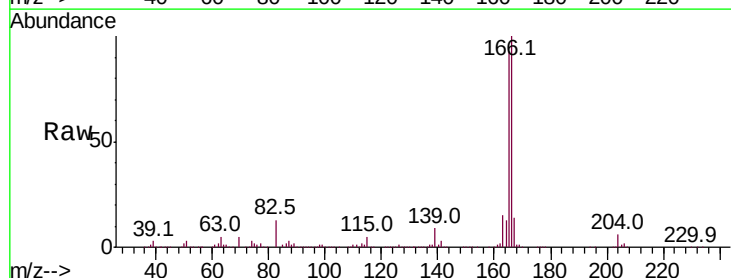
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.702 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.6	76.1	114.1
167	13.8	11.1	16.7

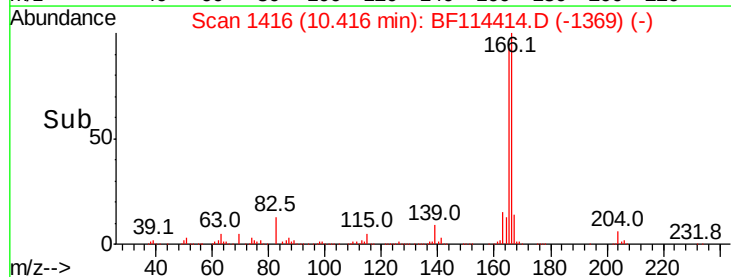
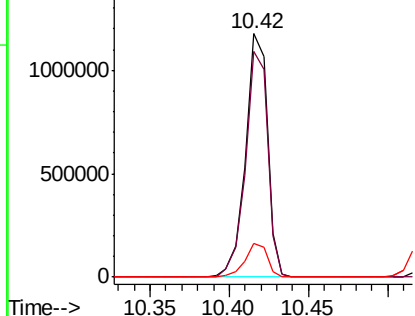


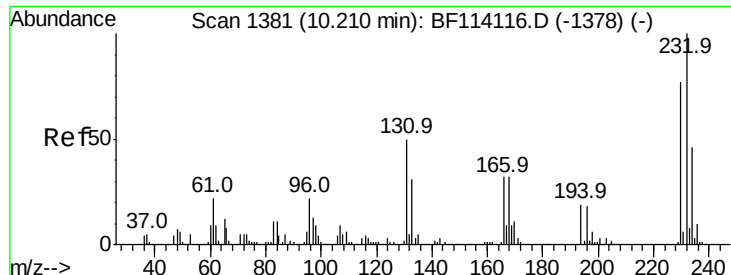
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

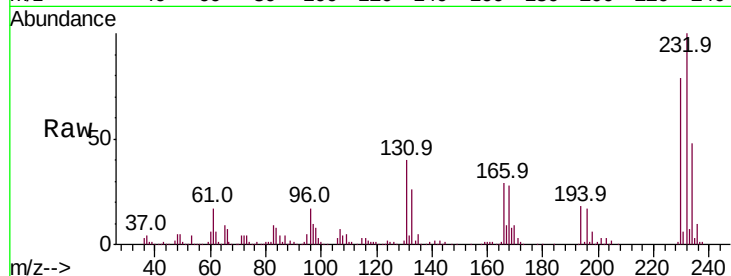




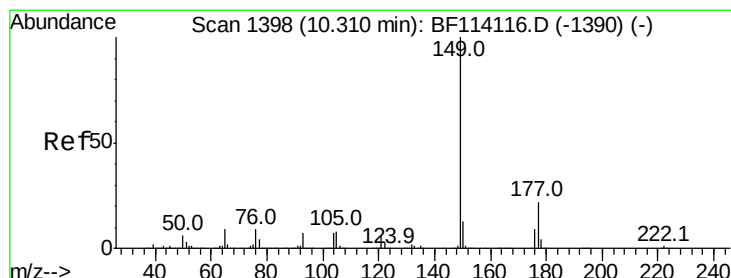
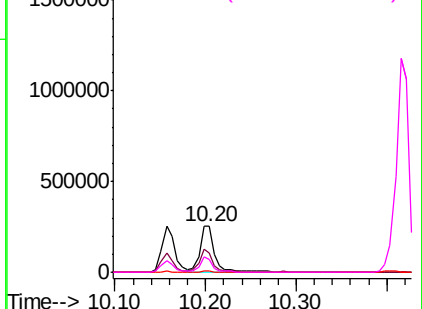
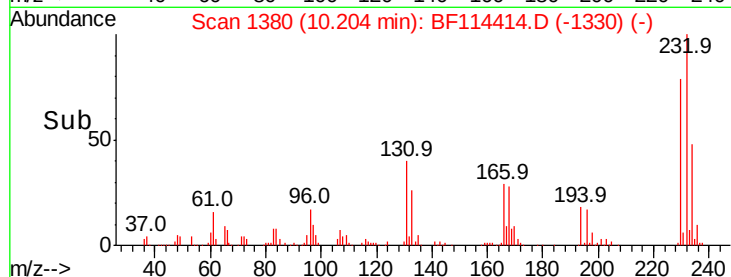
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.584 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	289167
Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.6	53.4
130	2.2	1.6	2.4
166	29.0	24.1	36.1

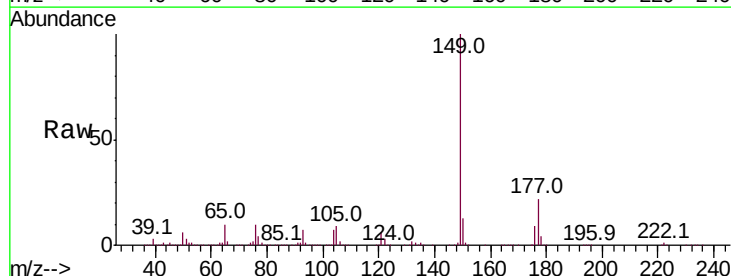


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

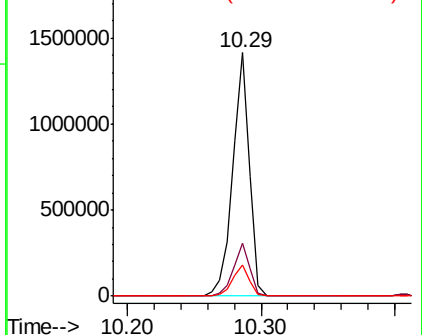
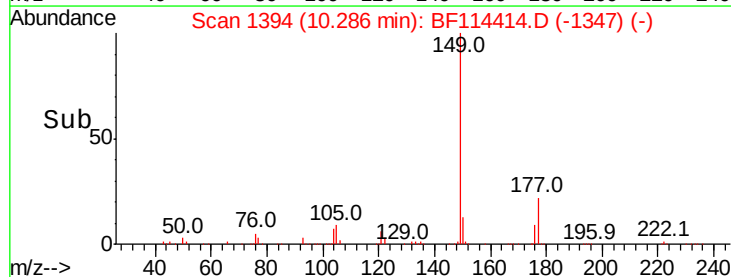


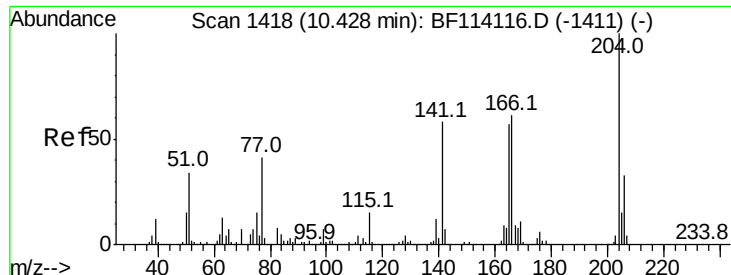
#60
 Diethylphthalate
 Concen: 46.115 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:	149	Resp:	1237756
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.8	26.6
150	12.7	10.2	15.2



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

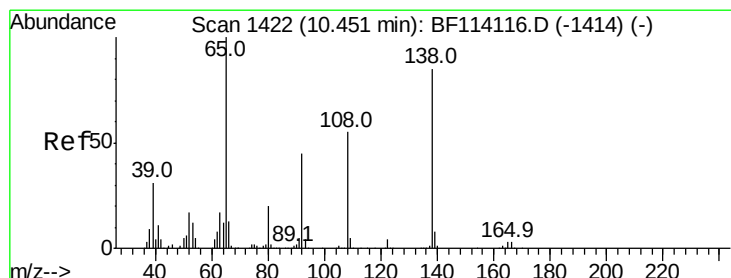
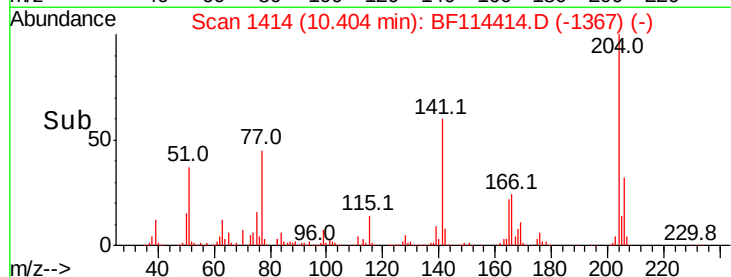
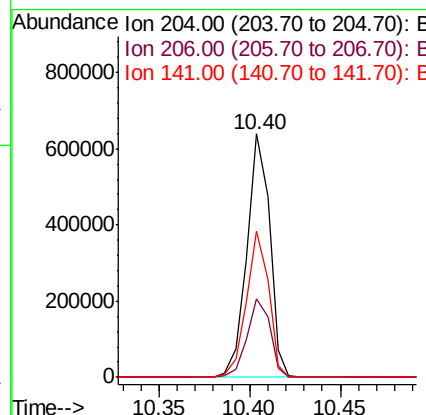
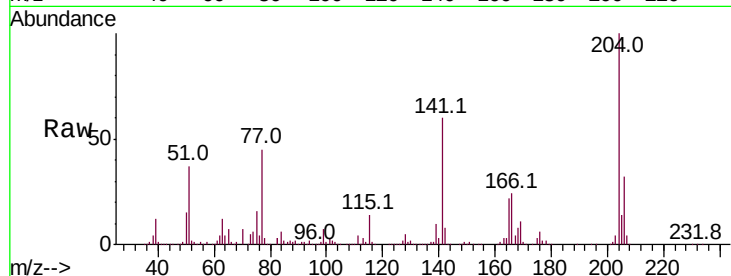




#61
4-Chlorophenyl-phenylether
Concen: 46.158 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

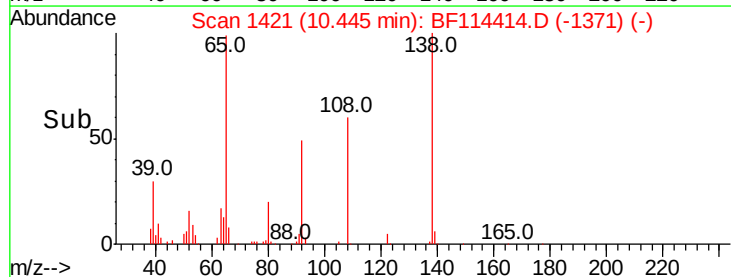
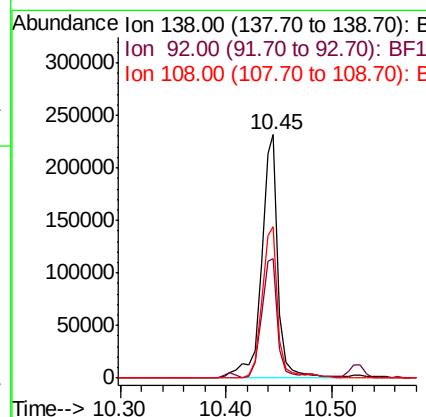
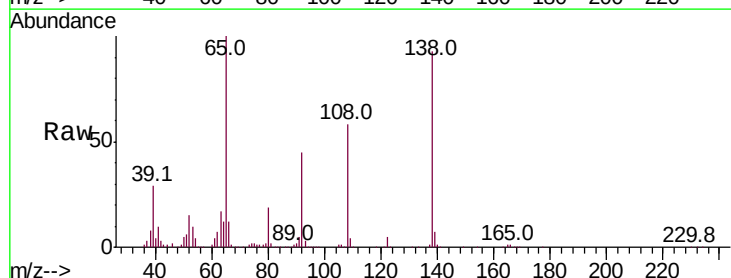
Instrument :
BNA_F
ClientSampled :

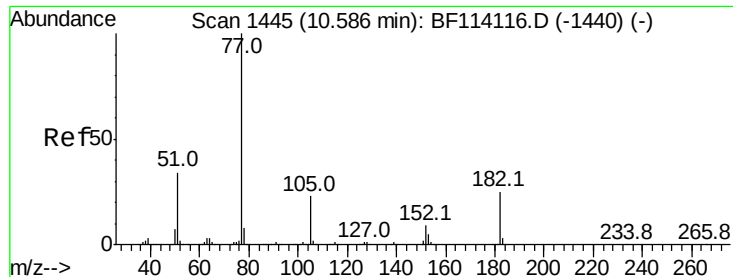
Tot Ion:204 Resp: 560693
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 60.2 46.4 69.6



#62
4-Nitroaniline
Concen: 33.616 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:138 Resp: 256925
Ion Ratio Lower Upper
138 100
92 49.0 33.0 73.0
108 62.0 44.9 84.9





#63

Azobenzene

Concen: 45.539 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

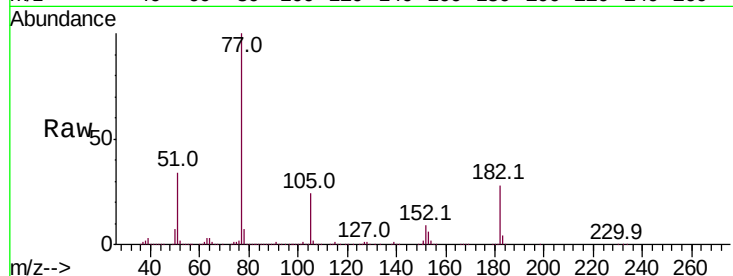
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1183140

Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.7	44.7
105	23.7	2.9	42.9
51	33.6	14.6	54.6



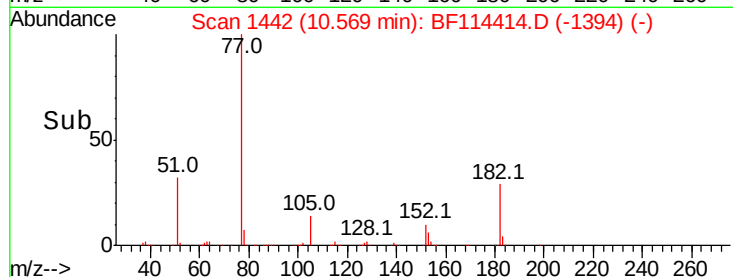
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->

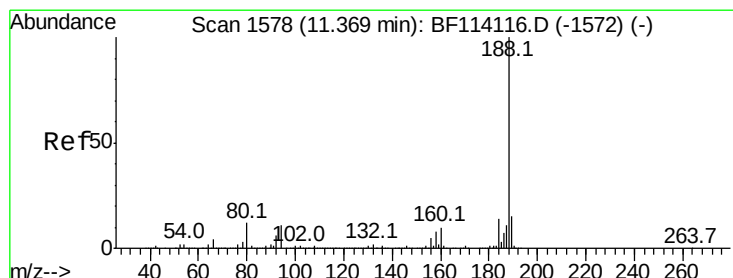
10.57

1000000

500000

0

10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

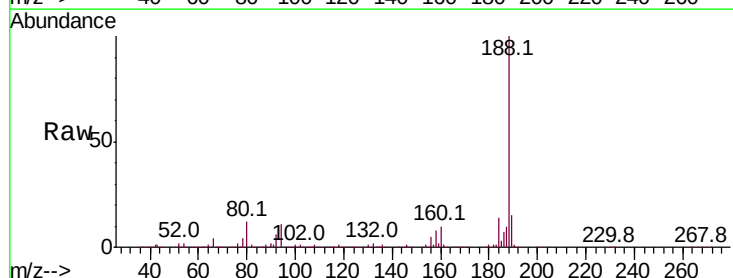
Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion: 188 Resp: 627199

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.5	9.2	13.8

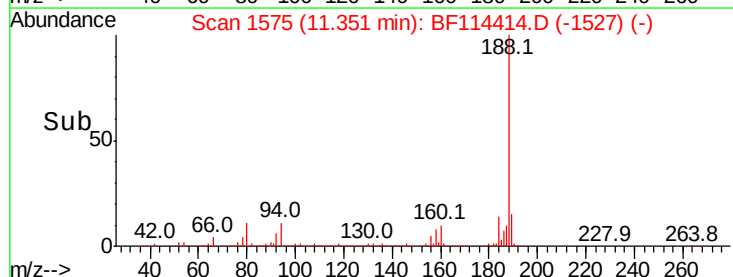


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.35

800000

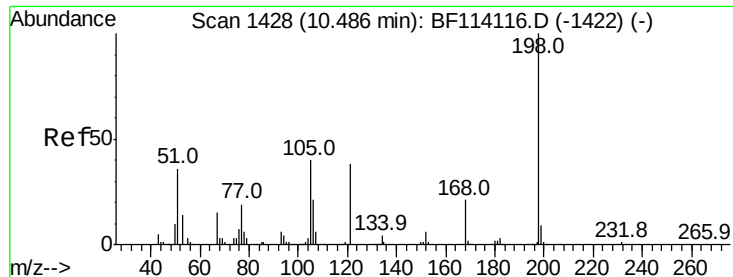
600000

400000

200000

0

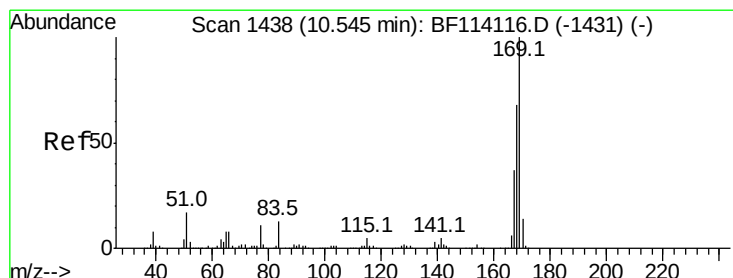
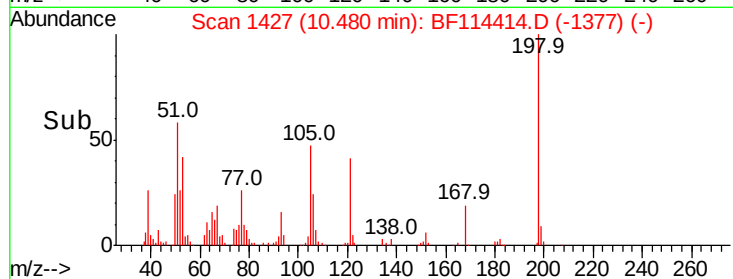
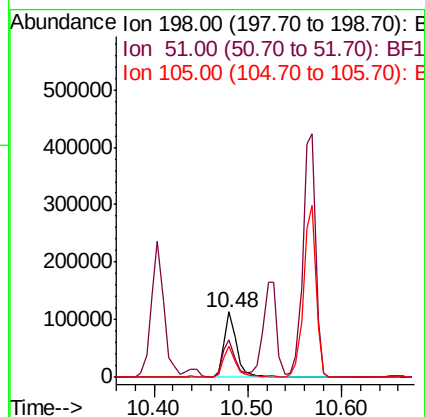
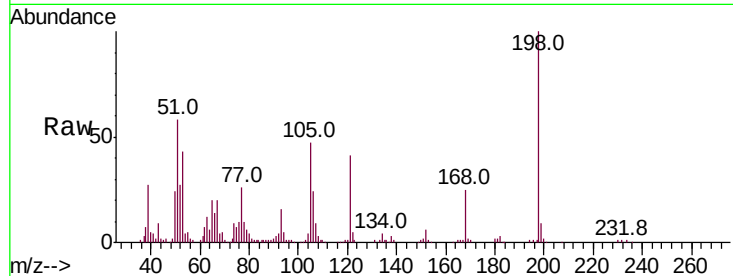
11.30 11.35 11.40



#65
4,6-Dinitro-2-methylphenol
Concen: 35.925 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

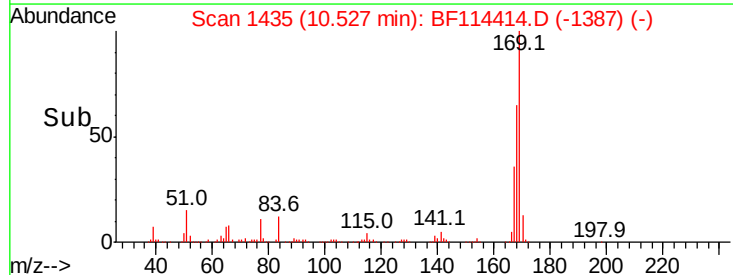
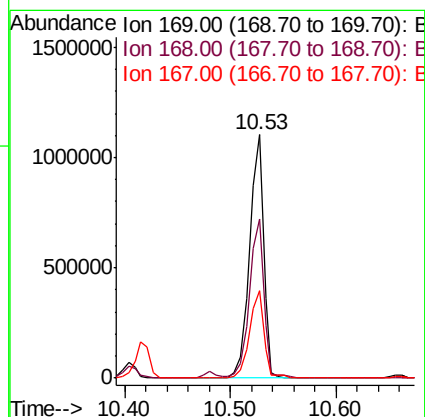
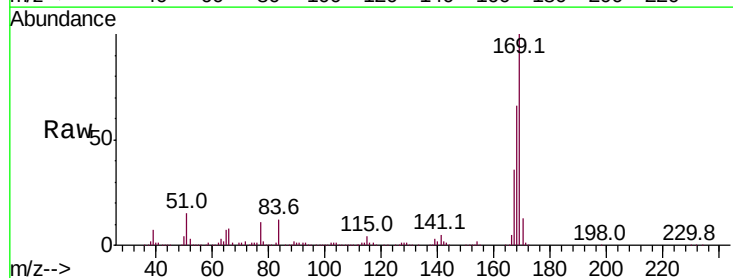
Instrument :
BNA_F
ClientSampleId :

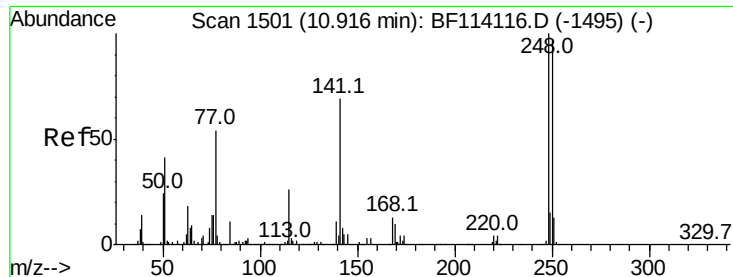
Tot Ion:198 Resp: 108269
Ion Ratio Lower Upper
198 100
51 58.0 28.0 68.0
105 47.1 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 53.236 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:169 Resp: 1013379
Ion Ratio Lower Upper
169 100
168 65.6 54.2 81.2
167 36.1 29.8 44.8

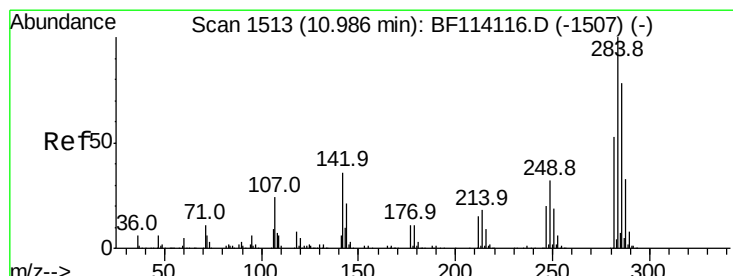
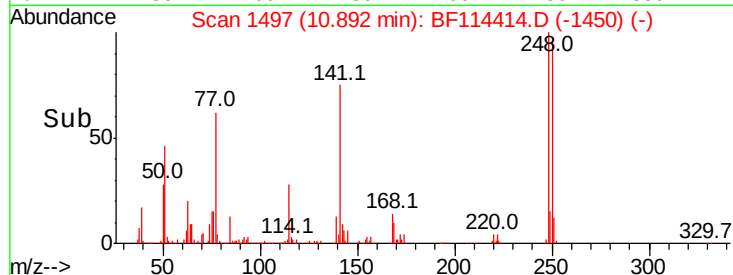
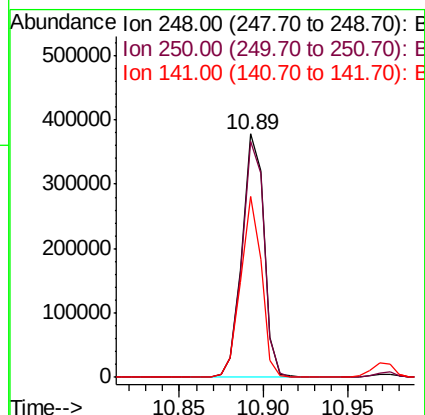
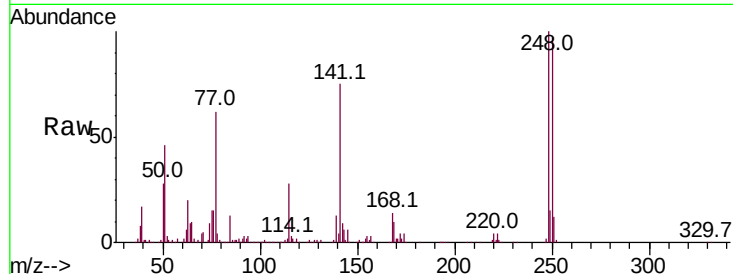




#67
4-Bromophenyl-phenylether
Concen: 49.837 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

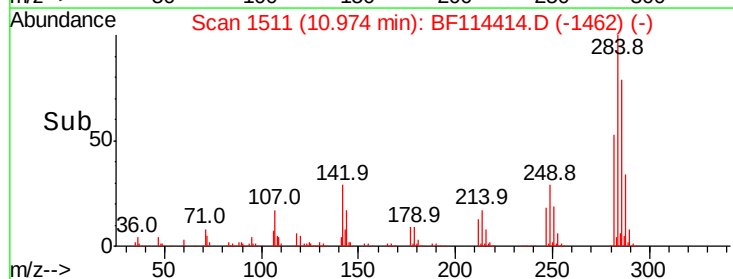
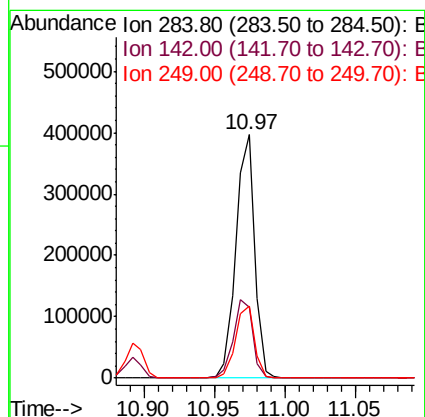
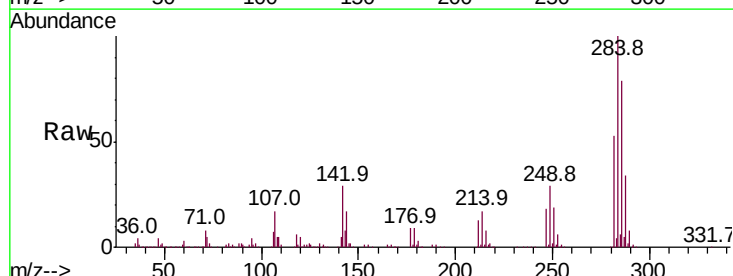
Instrument :
BNA_F
ClientSampleId :

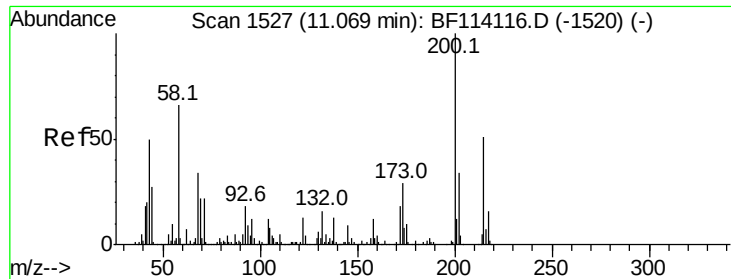
Tot Ion:248 Resp: 344158
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 74.5 55.6 83.4



#68
Hexachlorobenzene
Concen: 48.079 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:284 Resp: 367301
Ion Ratio Lower Upper
284 100
142 29.1 28.4 42.6
249 29.5 25.2 37.8

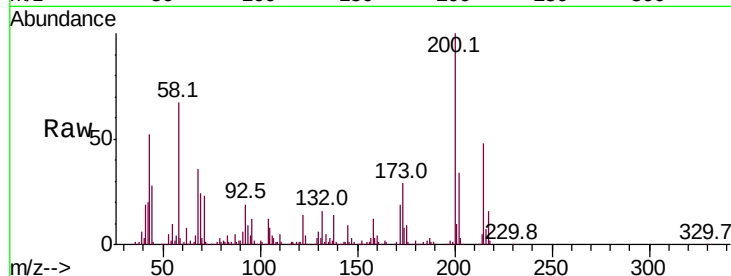




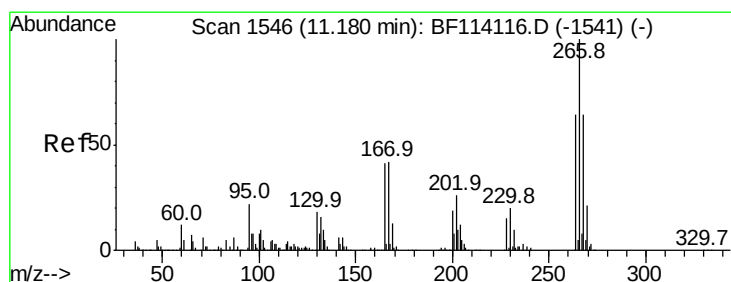
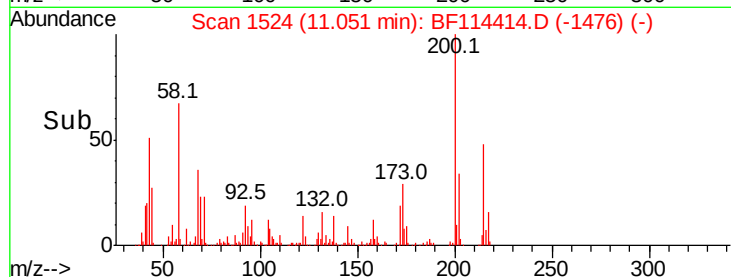
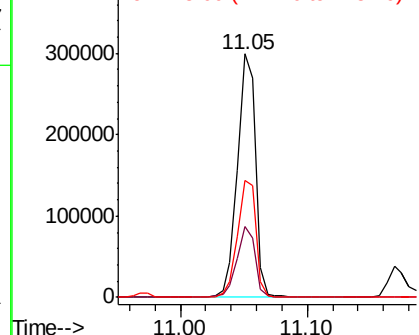
#69
Atrazine
Concen: 49.340 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.9	48.9
215	48.2	30.7	70.7

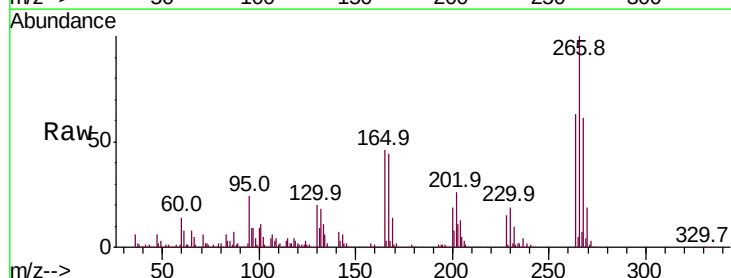


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

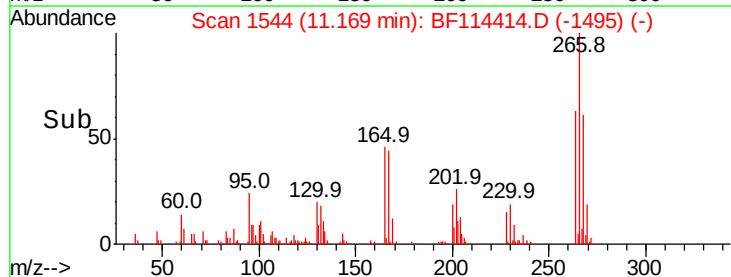
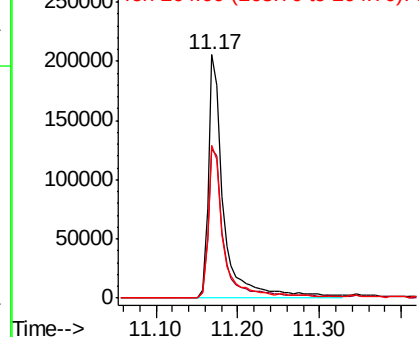


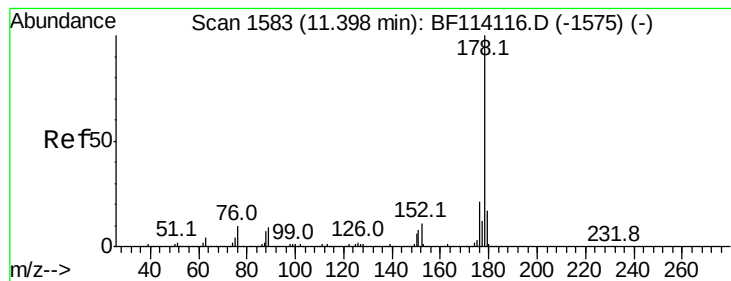
#70
Pentachlorophenol
Concen: 74.607 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	62.6	51.1	76.7



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: 48.849 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

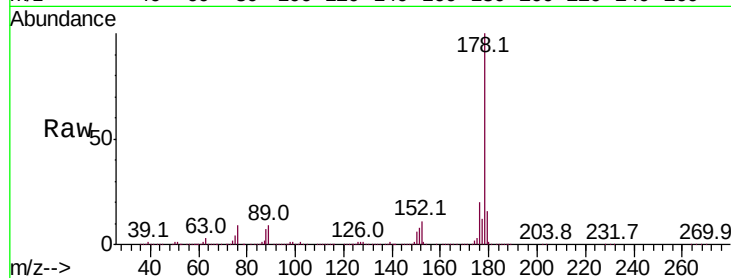
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1490567

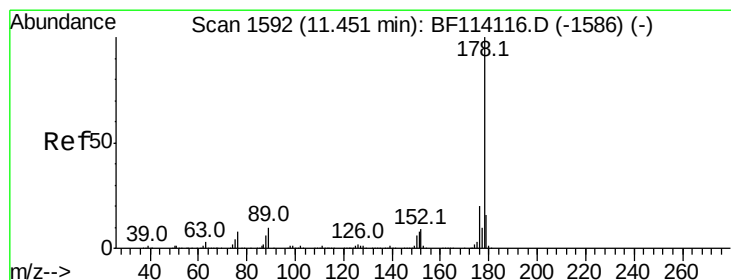
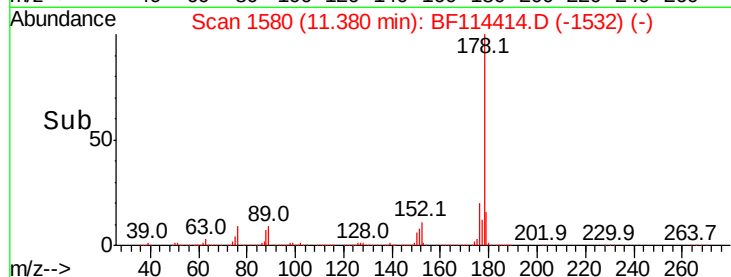
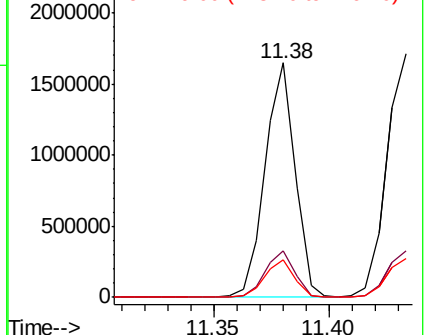
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	15.8	13.2	19.8



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: 49.815 ng

RT: 11.43 min Scan# 1589

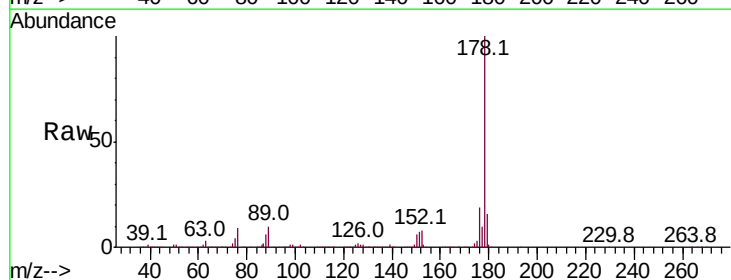
Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:178 Resp: 1526775

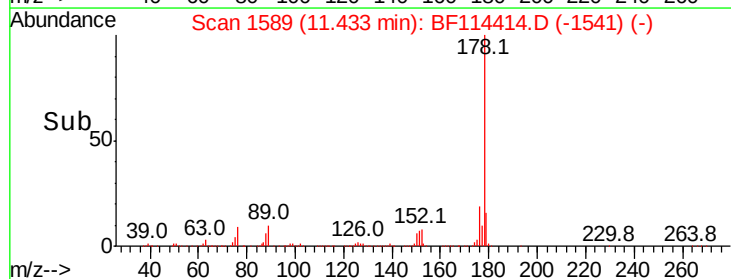
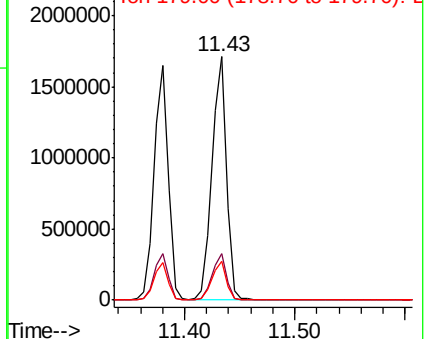
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.8	13.0	19.4

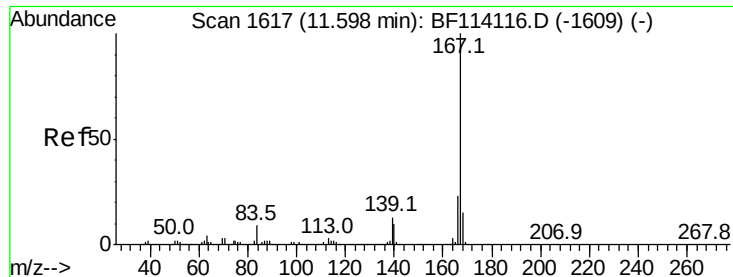


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.029 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

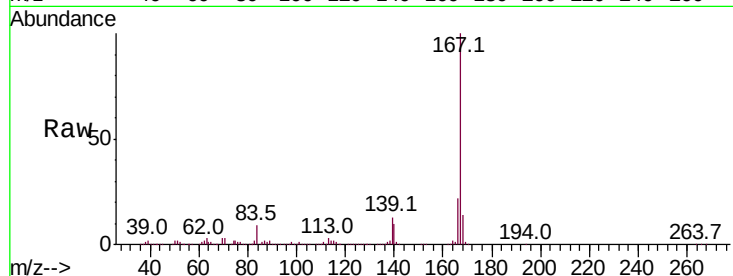
Tot Ion:167 Resp: 1345265

Ion Ratio Lower Upper

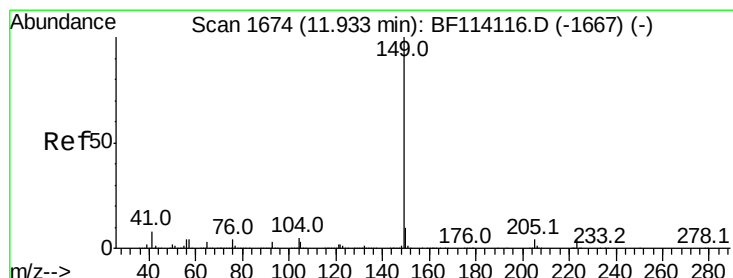
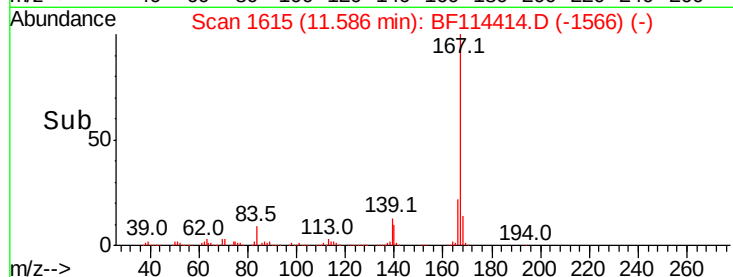
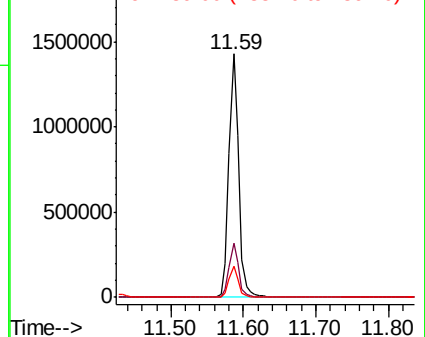
167 100

166 22.0 18.2 27.2

139 12.8 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.445 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

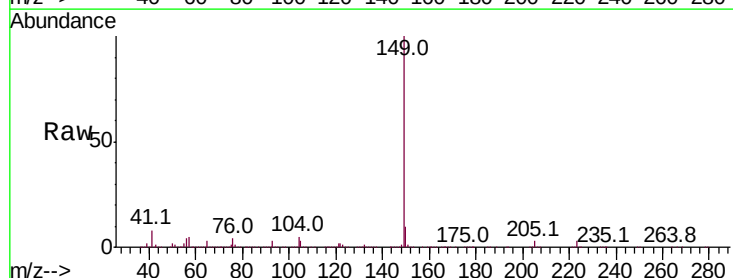
Tgt Ion:149 Resp: 1799551

Ion Ratio Lower Upper

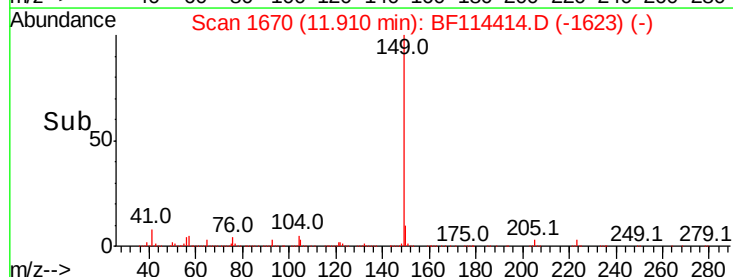
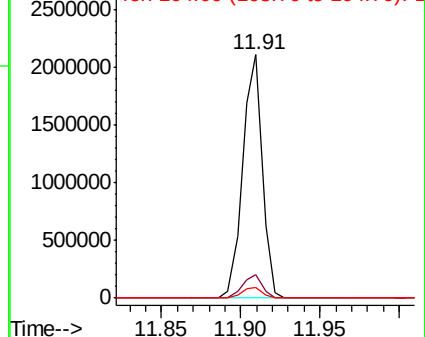
149 100

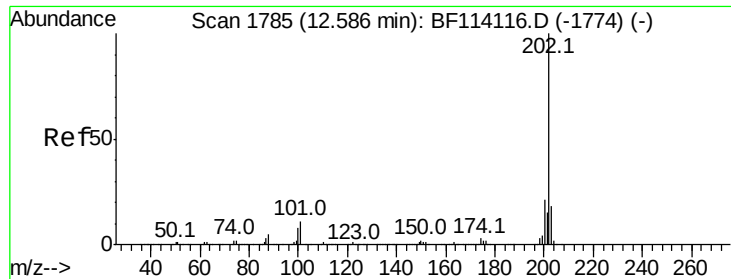
150 9.6 7.7 11.5

104 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.055 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

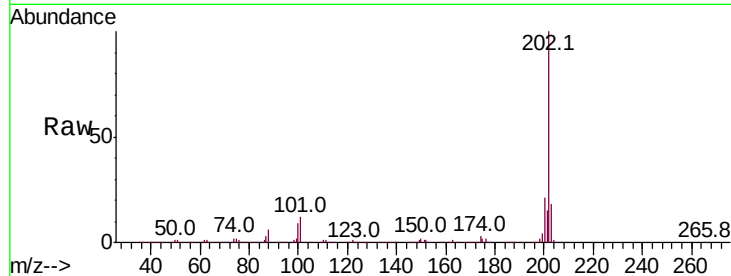
Tot Ion:202 Resp: 1447622

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.0

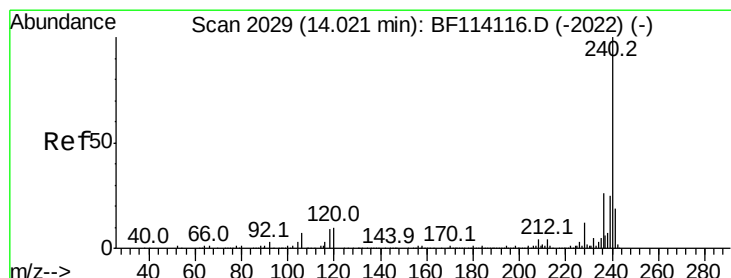
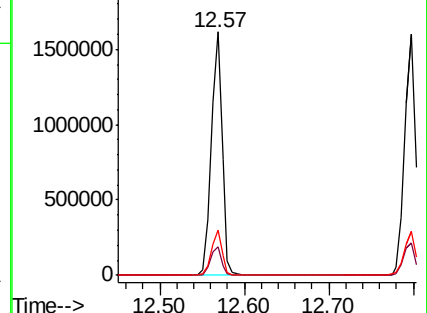
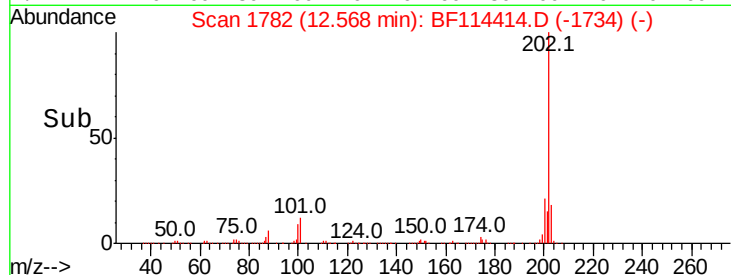
203 18.4 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

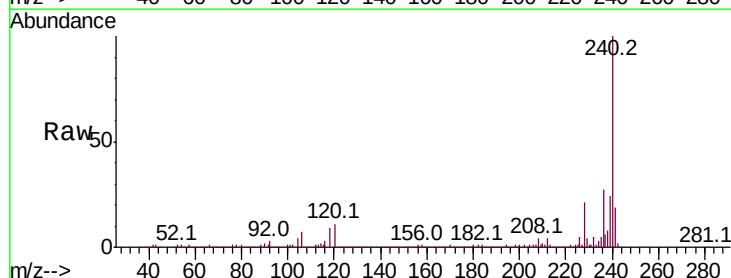
Tgt Ion:240 Resp: 385250

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

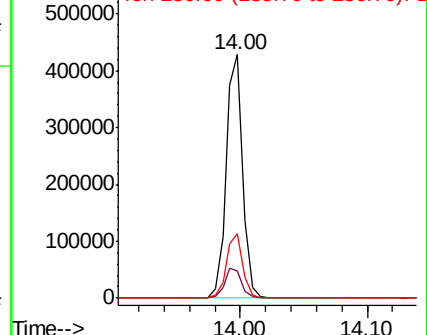
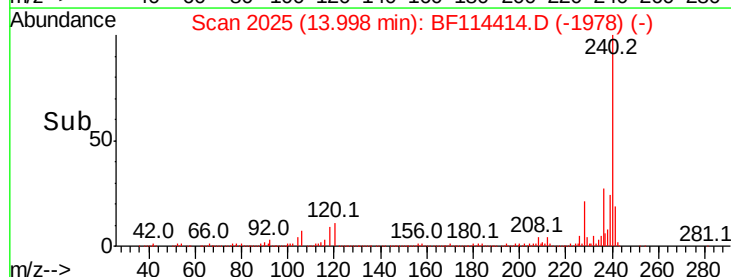
236 26.7 20.8 31.2

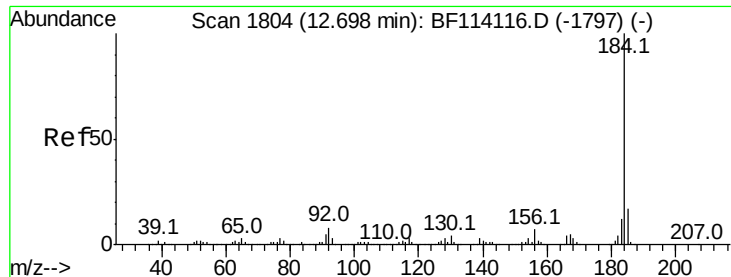


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.437 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

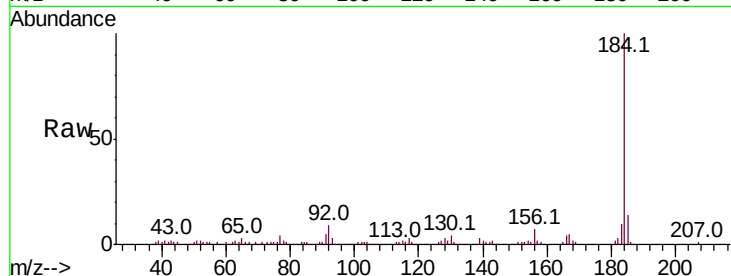
Tot Ion:184 Resp: 180484

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

183 9.5 9.2 13.8

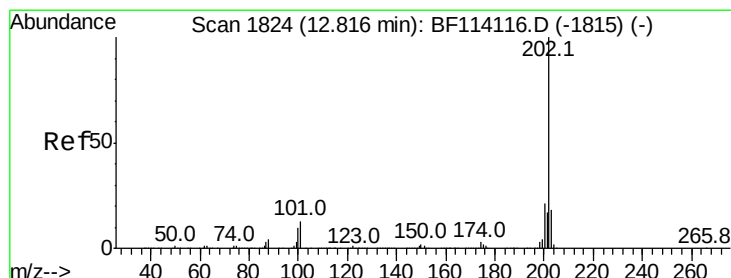
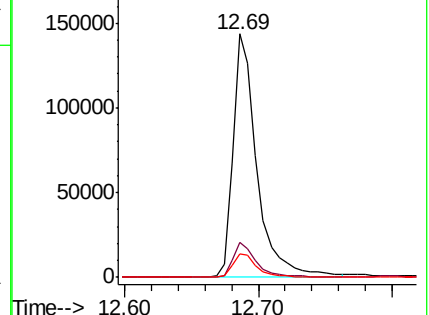
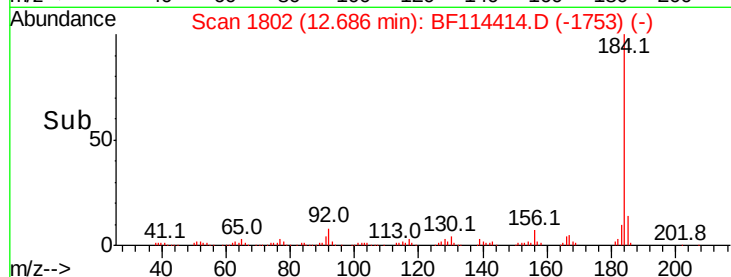


Abundance

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: 45.892 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

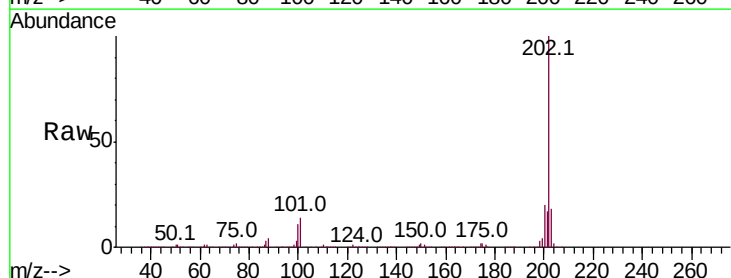
Tgt Ion:202 Resp: 1422262

Ion Ratio Lower Upper

202 100

200 20.5 16.9 25.3

203 18.1 14.5 21.7

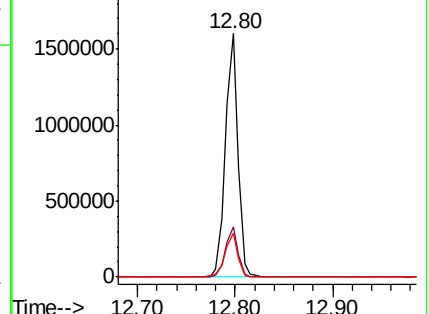
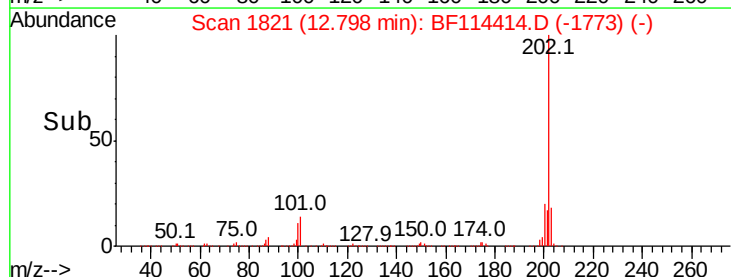


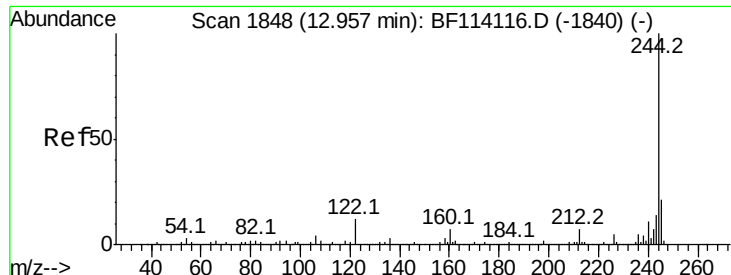
Abundance

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: 96.362 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampled :

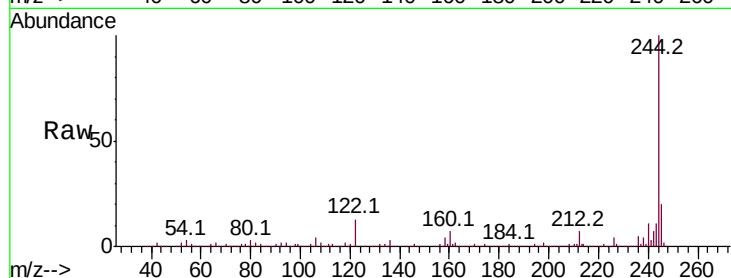
Tot Ion:244 Resp: 1800851

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

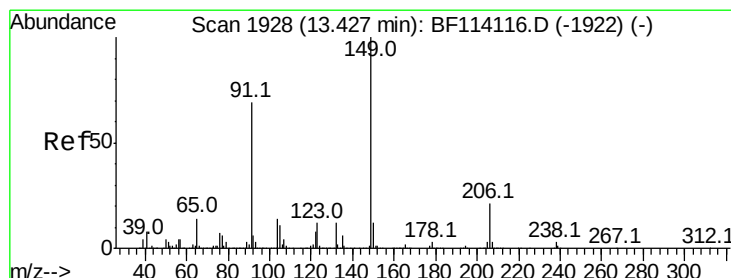
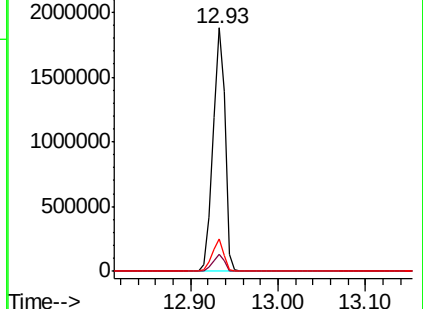
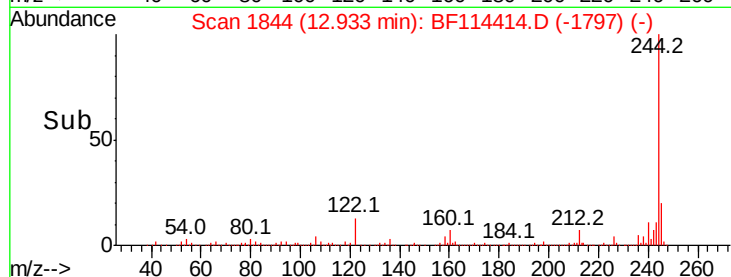
122 13.2 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.669 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

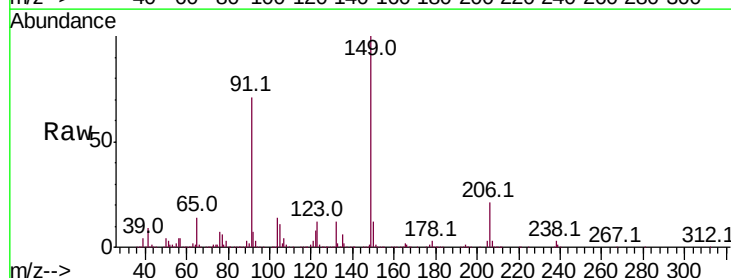
Tgt Ion:149 Resp: 687042

Ion Ratio Lower Upper

149 100

91 70.6 55.0 82.4

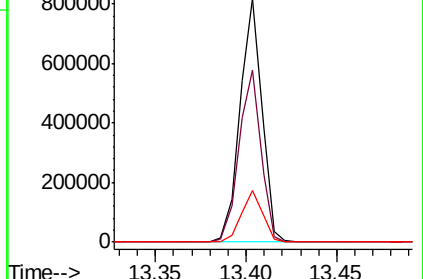
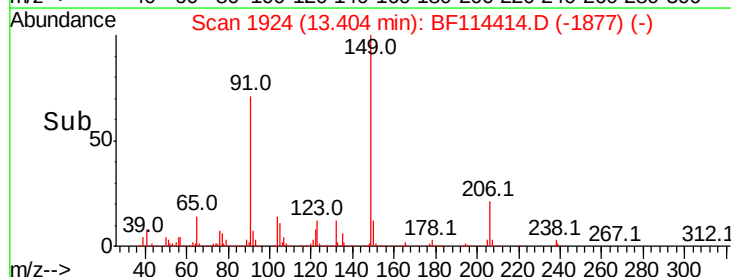
206 21.1 16.9 25.3

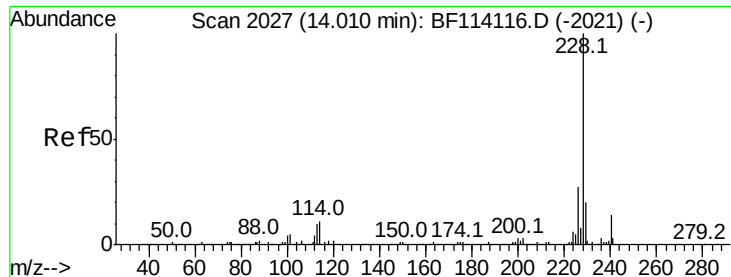


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.033 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

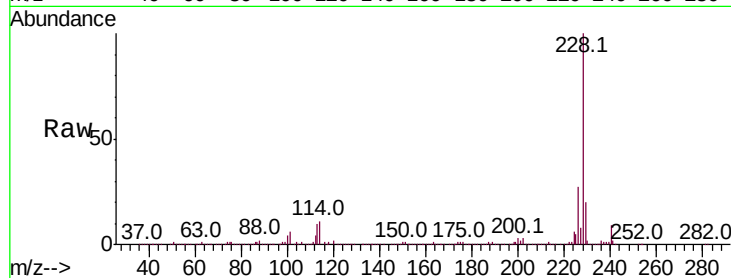
Tot Ion:228 Resp: 1196880

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

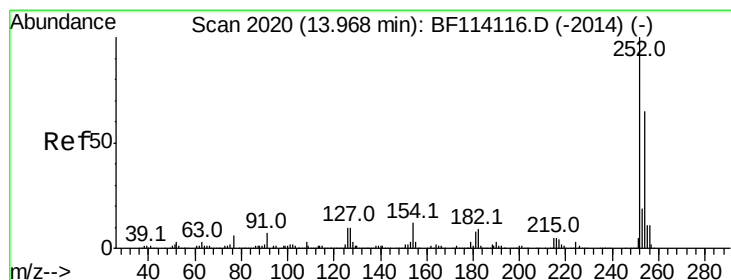
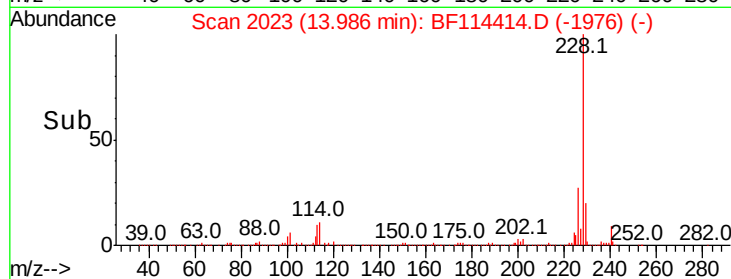
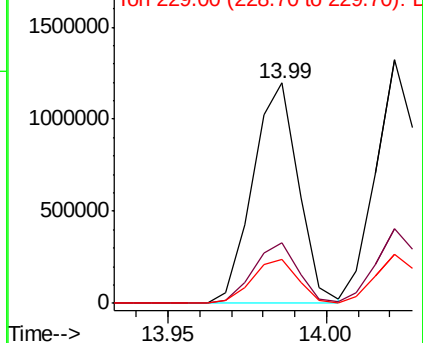
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.799 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.03 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

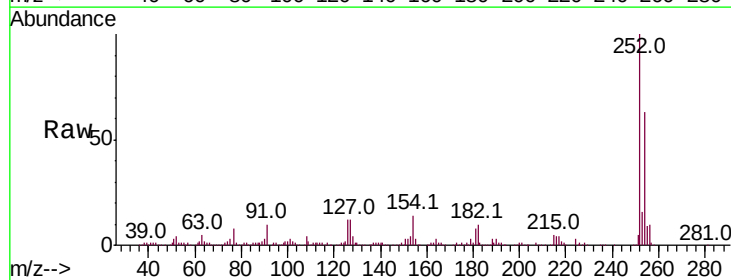
Tgt Ion:252 Resp: 365372

Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

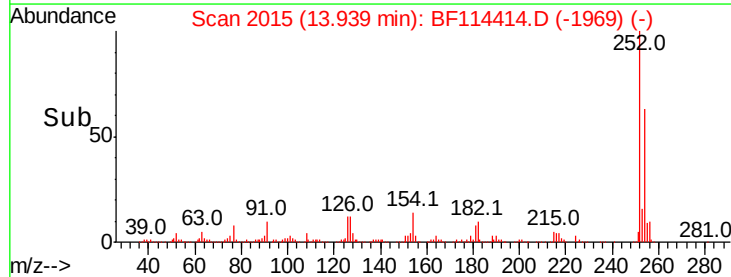
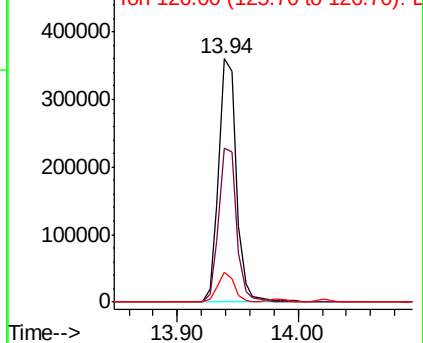
126 12.4 7.9 11.9#

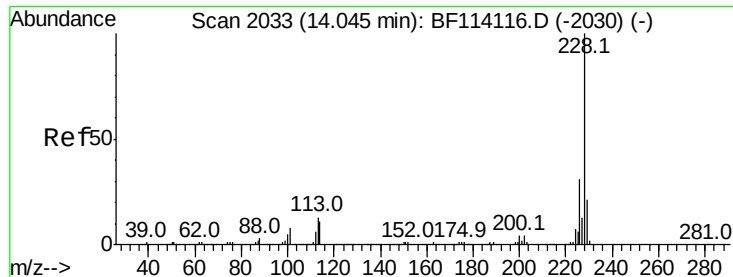


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.476 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

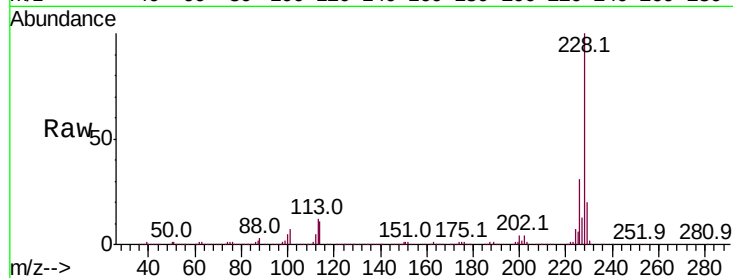
Tot Ion:228 Resp: 1184108

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

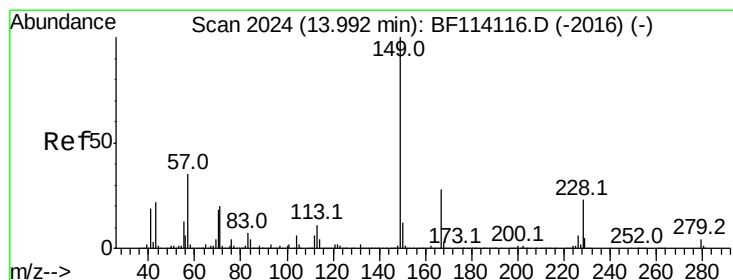
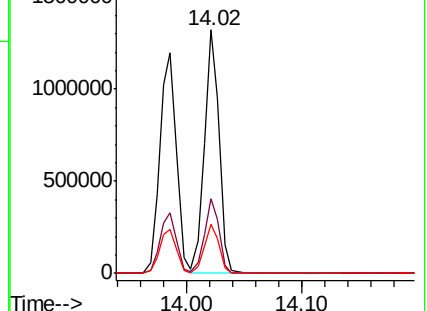
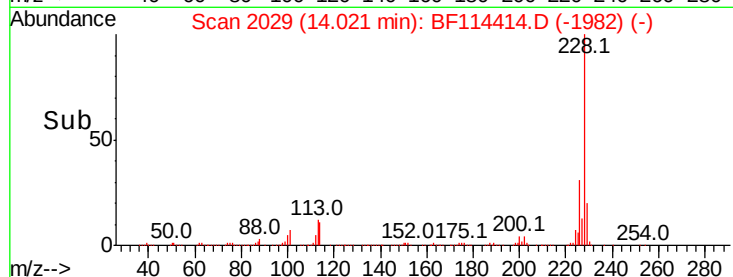
229 20.1 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.142 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

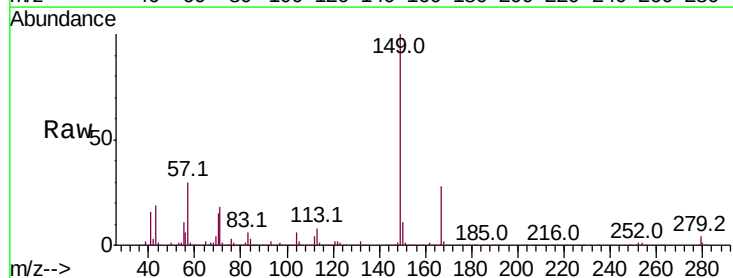
Tgt Ion:149 Resp: 974872

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

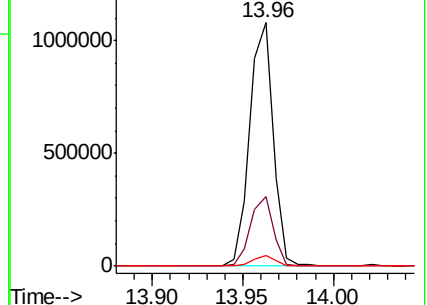
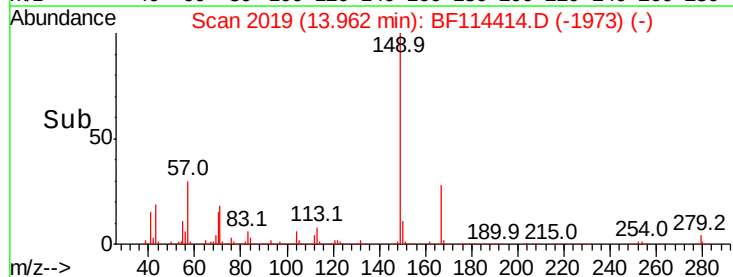
279 4.3 3.0 4.6

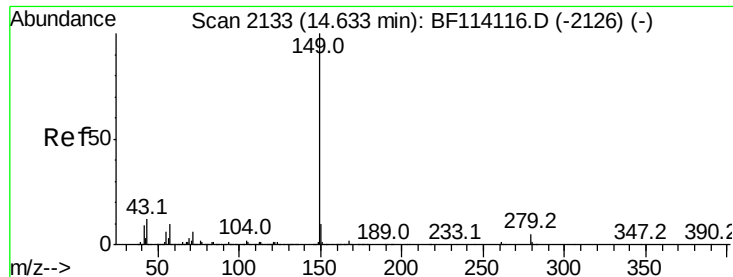


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.630 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

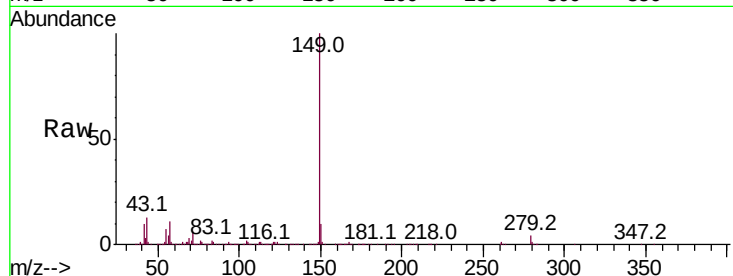
Tot Ion:149 Resp: 1593824

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

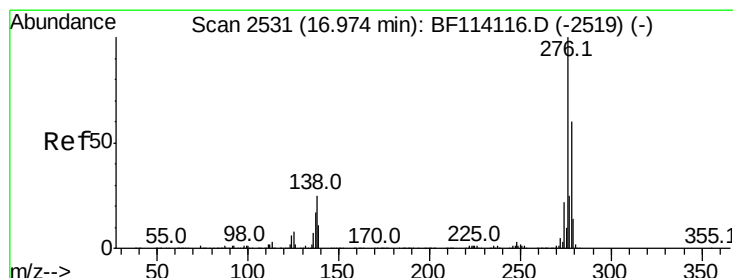
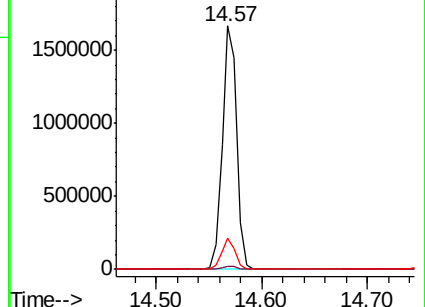
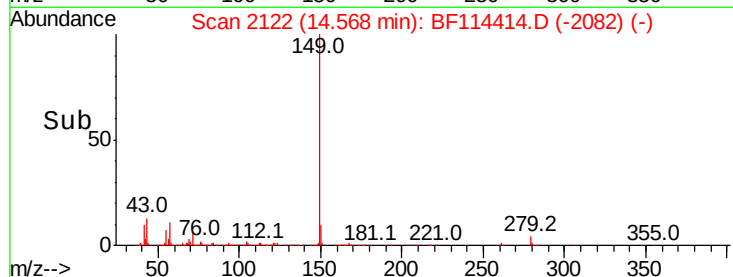
43 12.1 10.1 15.1



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: 54.441 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.04 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

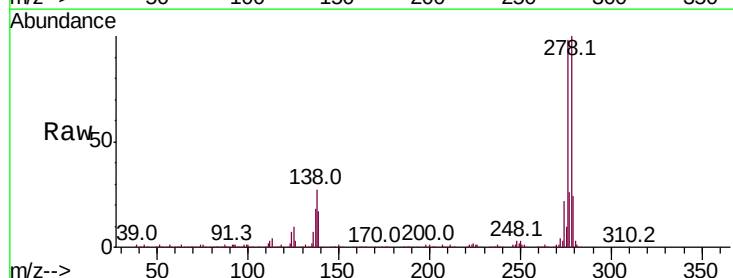
Tgt Ion:276 Resp: 1175248

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

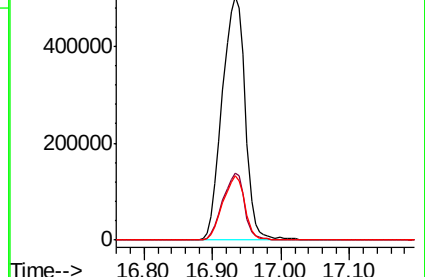
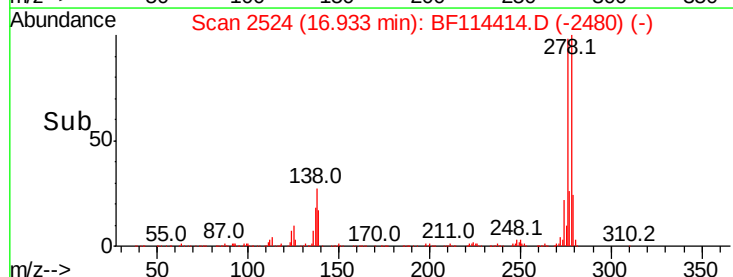
277 25.2 20.0 30.0

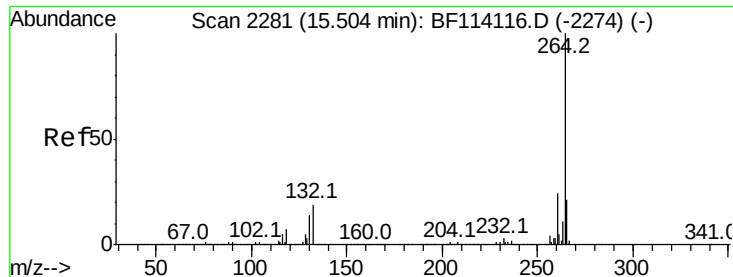


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

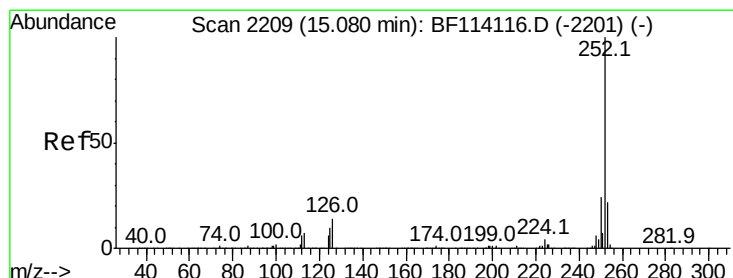
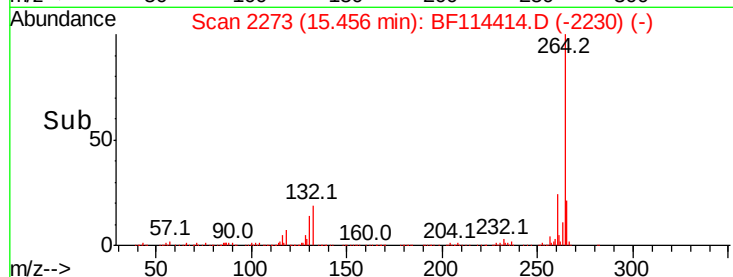
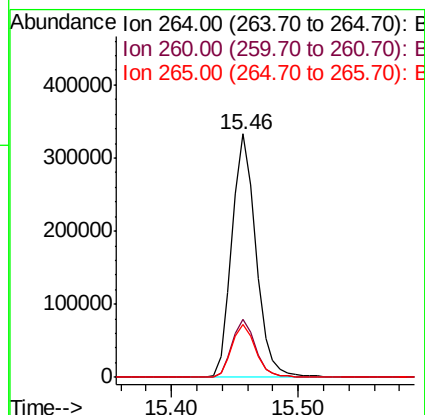
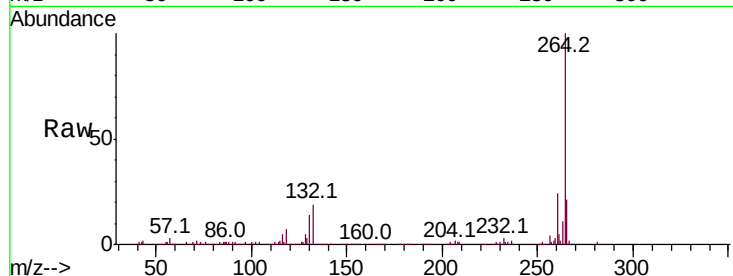
Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 436687

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	16.9	25.3



#88

Benzo(b)fluoranthene

Concen: 45.042 ng

RT: 15.03 min Scan# 2201

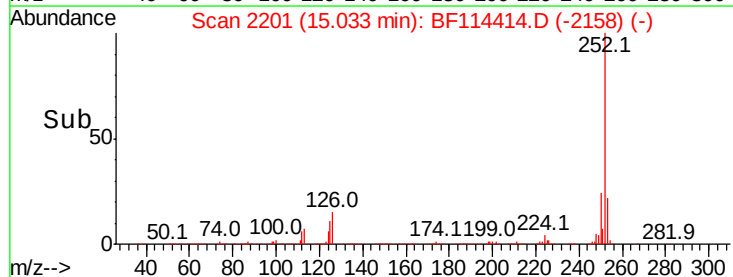
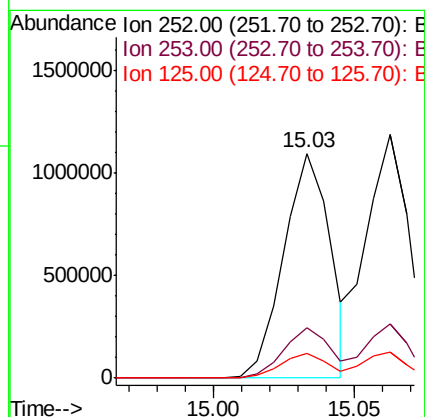
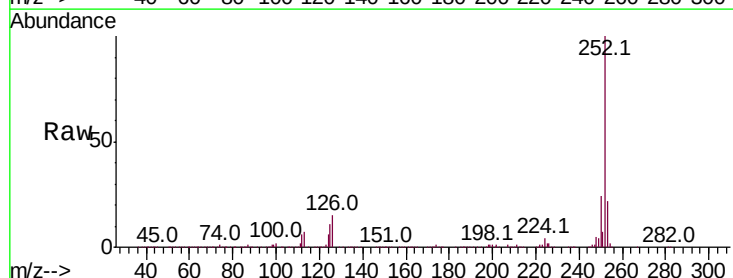
Delta R.T. -0.05 min

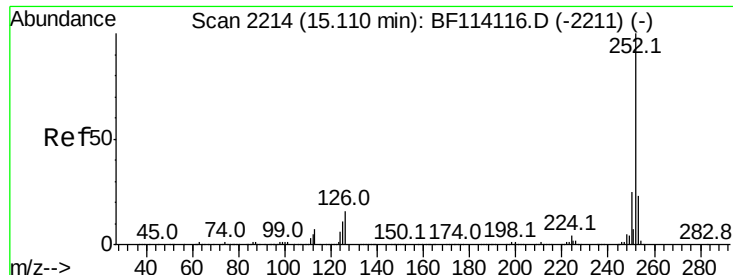
Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:252 Resp: 1260112

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.9	8.3	12.5

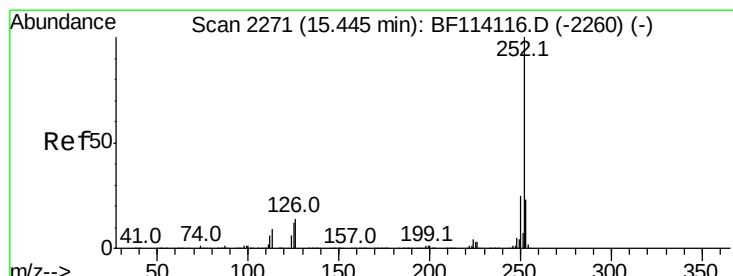
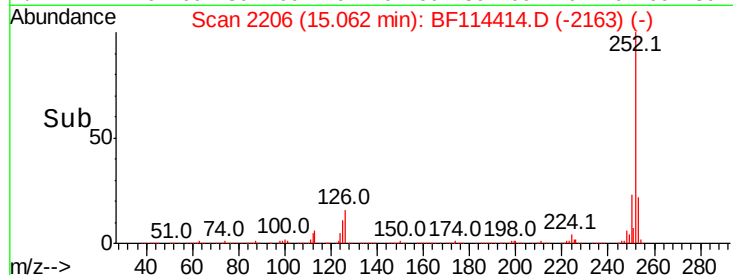
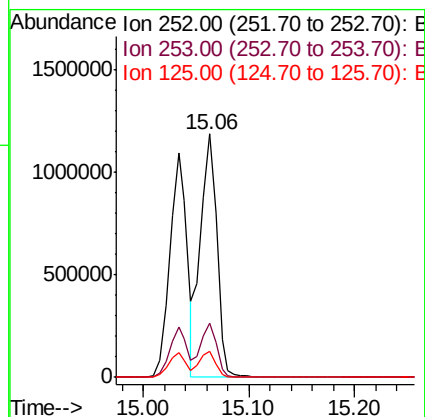
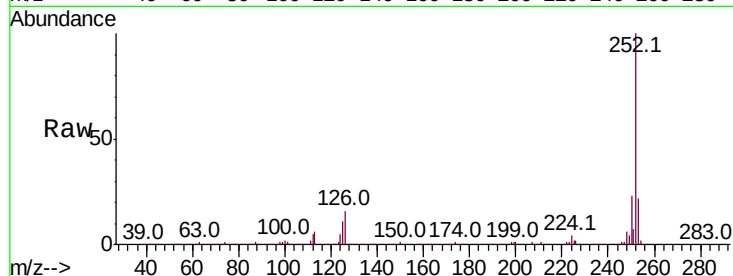




#89
Benzo(k)fluoranthene
Concen: 49.108 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

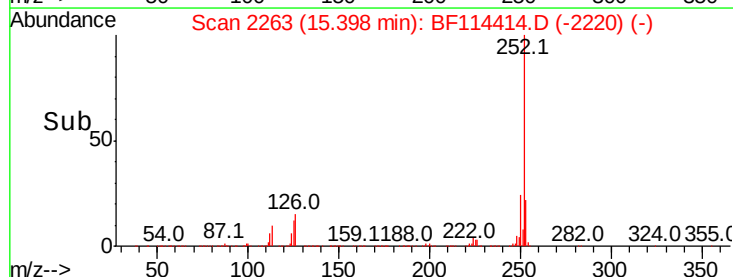
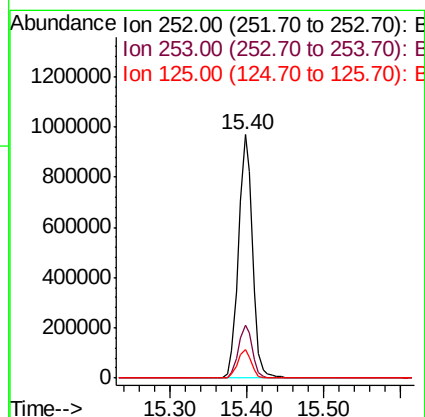
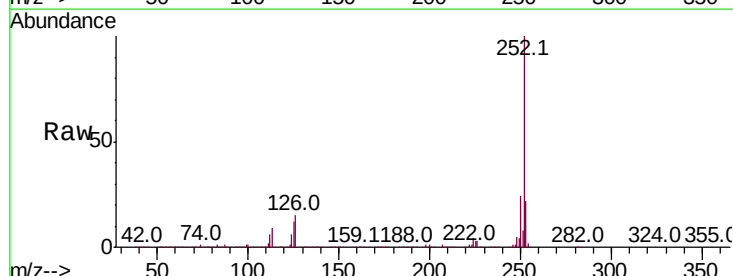
Instrument :
BNA_F
ClientSampleId :

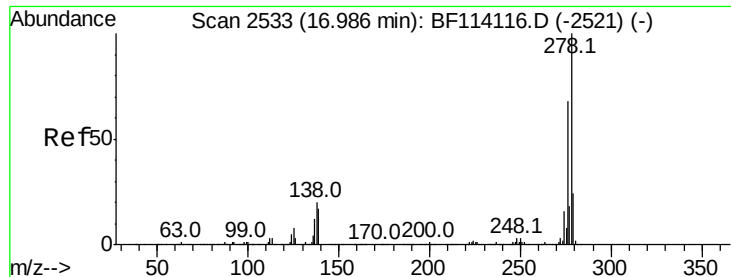
Tot Ion:252 Resp: 1262050
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 50.265 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:252 Resp: 1237606
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.396 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.05 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

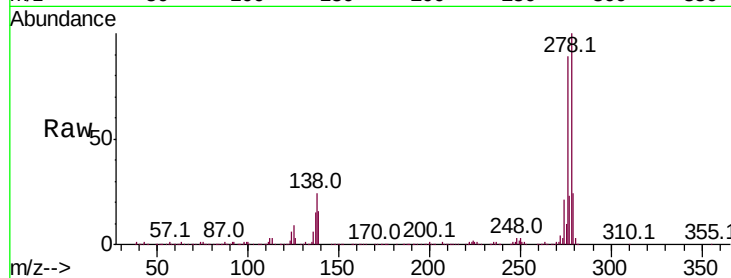
Tot Ion:278 Resp: 990171

Ion Ratio Lower Upper

278 100

139 15.9 13.5 20.3

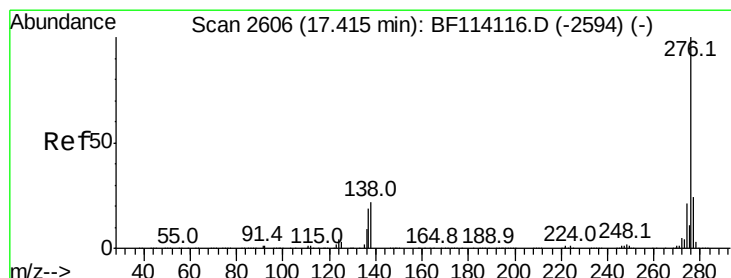
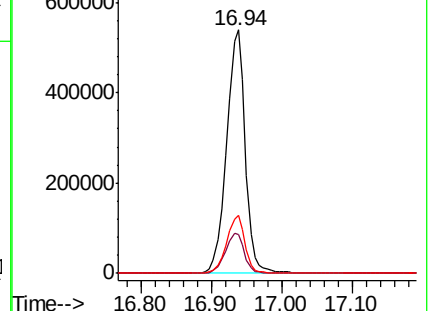
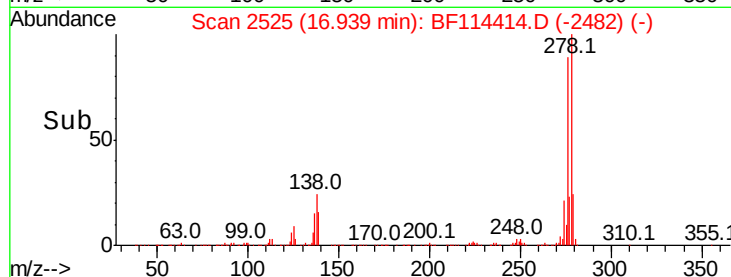
279 24.1 19.0 28.6



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: 46.307 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.04 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

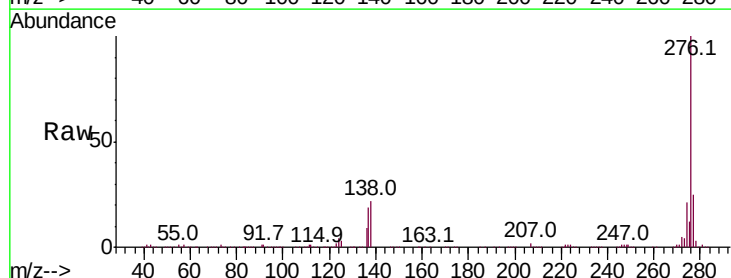
Tgt Ion:276 Resp: 949454

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 22.0 17.8 26.6



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

