

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114925.D
 Acq On : 10 Jun 2019 10:30
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 10 12:36:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	274439	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1126670	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	568824	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1123927	20.00	ng	0.00
76) Chrysene-d12	13.79	240	841048	20.00	ng	0.00
87) Perylene-d12	15.16	264	886931	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	394011	25.09	ng	-0.01
7) Phenol-d6	6.29	99	479543	25.09	ng	-0.02
23) Nitrobenzene-d5	7.22	82	417884	22.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	146223	23.85	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	919967	30.30	ng	0.00
79) Terphenyl-d14	12.74	244	973460	22.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.28	88	84781	11.306	ng	98
3) Pyridine	2.98	79	217031	10.531	ng	99
4) n-Nitrosodimethylamine	2.89	42	77488	10.274	ng	99
6) Aniline	6.32	93	323729	11.938	ng	# 81
8) 2-Chlorophenol	6.44	128	217209	11.970	ng	96
9) Benzaldehyde	6.20	77	158036	11.921	ng	99
10) Phenol	6.30	94	266862	12.211	ng	# 76
11) bis(2-Chloroethyl)ether	6.39	93	197955	11.606	ng	97
12) 1,3-Dichlorobenzene	6.60	146	255879	12.101	ng	99
13) 1,4-Dichlorobenzene	6.67	146	255605	12.013	ng	99
14) 1,2-Dichlorobenzene	6.83	146	245637	12.783	ng	96
15) Benzyl Alcohol	6.80	79	172610	11.944	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	278006	11.397	ng	98
17) 2-Methylphenol	6.92	107	174256	11.234	ng	96
18) Hexachloroethane	7.17	117	90655	11.320	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	142700	11.280	ng	95
20) 3+4-Methylphenols	7.07	107	221751	12.961	ng	97
22) Acetophenone	7.06	105	303211	12.224	ng	93
24) Nitrobenzene	7.23	77	215134	11.346	ng	99
25) Isophorone	7.48	82	394663	10.907	ng	99
26) 2-Nitrophenol	7.56	139	110604	10.770	ng	99
27) 2,4-Dimethylphenol	7.60	122	177113	11.347	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	263374	11.387	ng	98
29) 2,4-Dichlorophenol	7.80	162	185885	11.320	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	216007	11.464	ng	96
31) Naphthalene	7.96	128	659632	13.005	ng	97
32) Benzoic acid	7.69	122	90675	7.976	ng	99
33) 4-Chloroaniline	8.01	127	287568	11.884	ng	98
34) Hexachlorobutadiene	8.09	225	122411	11.427	ng	100
35) Caprolactam	8.35	113	59265	11.048	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	186708	11.426	ng	97
37) 2-Methylnaphthalene	8.65	142	436094	12.395	ng	97
38) 1-Methylnaphthalene	8.65	142	436094	13.071	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	197273	12.034	ng	98

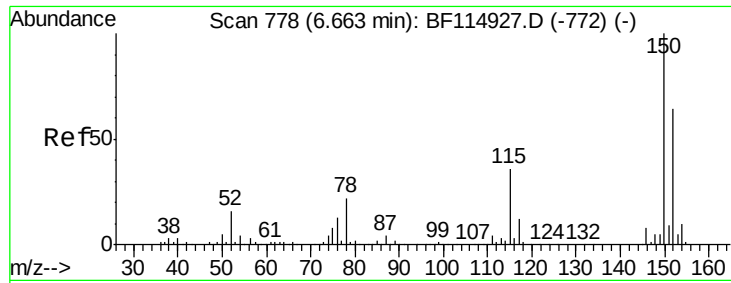
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	84638	8.513	ng	98
43) 2,4,6-Trichlorophenol	8.93	196	136083	10.676	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	141456	11.019	ng	98
46) 1,1'-Biphenyl	9.12	154	547811	12.994	ng	95
47) 2-Chloronaphthalene	9.13	162	434904	12.140	ng	96
48) 2-Nitroaniline	9.23	65	117881	11.027	ng	96
49) Acenaphthylene	9.55	152	680227	13.094	ng	97
50) Dimethylphthalate	9.41	163	498310	11.995	ng	99
51) 2,6-Dinitrotoluene	9.47	165	108577	11.113	ng	96
52) Acenaphthene	9.72	154	404178	11.877	ng	98
53) 3-Nitroaniline	9.63	138	130561	11.439	ng	99
54) 2,4-Dinitrophenol	9.75	184	36549	8.267	ng	93
55) Dibenzofuran	9.89	168	604155	12.767	ng	92
56) 4-Nitrophenol	9.80	139	82833	9.904	ng	93
57) 2,4-Dinitrotoluene	9.87	165	142620	11.612	ng	99
58) Fluorene	10.23	166	463395	13.653	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.01	232	116593	11.086	ng	99
60) Diethylphthalate	10.11	149	503938	12.088	ng	97
61) 4-Chlorophenyl-phenylether	10.23	204	228794	12.624	ng	97
62) 4-Nitroaniline	10.24	138	128777	11.633	ng	96
63) Azobenzene	10.39	77	436043	12.288	ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	54224	9.288	ng	93
66) n-Nitrosodiphenylamine	10.34	169	405752	11.939	ng	100
67) 4-Bromophenyl-phenylether	10.71	248	142052	11.128	ng	99
68) Hexachlorobenzene	10.78	284	161175	11.537	ng	97
69) Atrazine	10.87	200	136171	11.521	ng	100
70) Pentachlorophenol	10.97	266	70482	8.727	ng	97
71) Phenanthrene	11.19	178	716994	13.363	ng	96
72) Anthracene	11.23	178	720940	12.768	ng	96
73) Carbazole	11.39	167	647785	13.382	ng	97
74) Di-n-butylphthalate	11.73	149	815391	12.807	ng	97
75) Fluoranthene	12.36	202	741595	13.280	ng	97
77) Benzidine	12.49	184	428263	10.286	ng	96
78) Pyrene	12.59	202	762162	10.446	ng	96
80) Butylbenzylphthalate	13.22	149	338191	9.179	ng	94
81) Benzo(a)anthracene	13.77	228	670695	10.348	ng	97
82) 3,3'-Dichlorobenzidine	13.74	252	264623	10.069	ng	# 97
83) Chrysene	13.81	228	660881	10.482	ng	96
84) Bis(2-ethylhexyl)phthalate	13.79	149	459510	9.863	ng	99
85) Di-n-octyl phthalate	14.39	149	805182	10.171	ng	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	576157	8.009	ng	99
88) Benzo(b)fluoranthene	14.77	252	677913	12.006	ng	98
89) Benzo(k)fluoranthene	14.80	252	566762	11.820	ng	98
90) Benzo(a)pyrene	15.10	252	573406	11.733	ng	98
91) Dibenzo(a,h)anthracene	16.47	278	470578	10.168	ng	98
92) Benzo(g,h,i)perylene	16.85	276	446870	9.602	ng	98

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

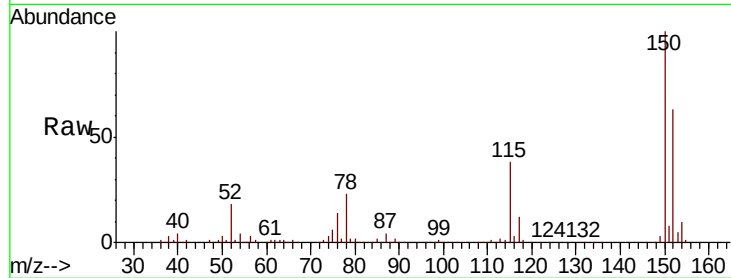


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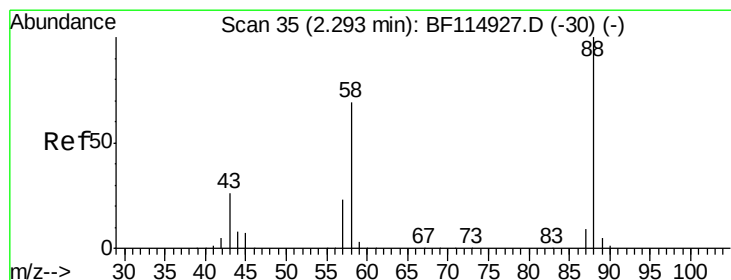
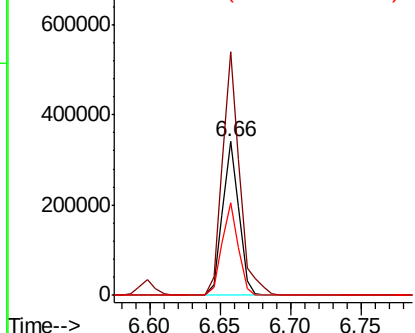
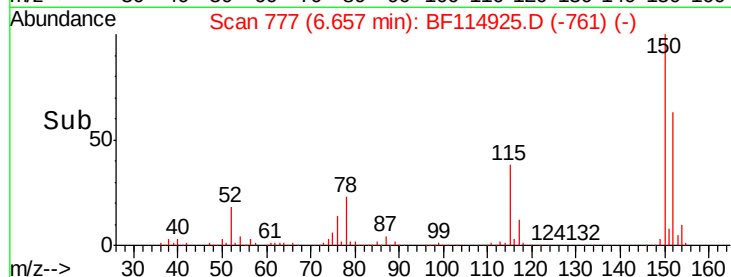
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 274439
Ion Ratio Lower Upper
152 100
150 158.4 125.2 187.8
115 60.3 45.0 67.4



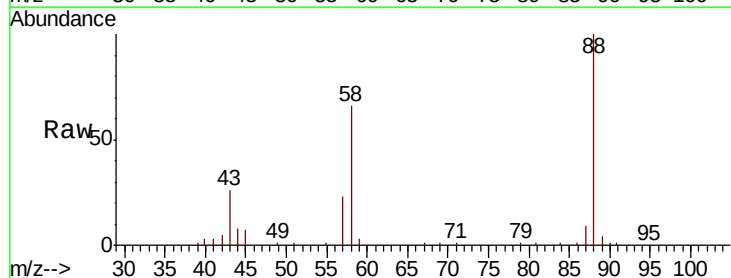
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



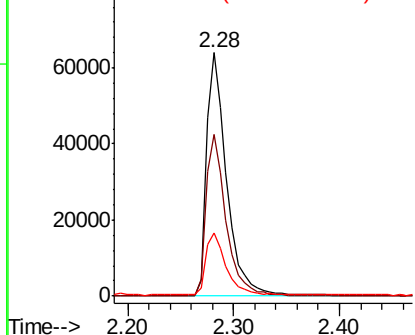
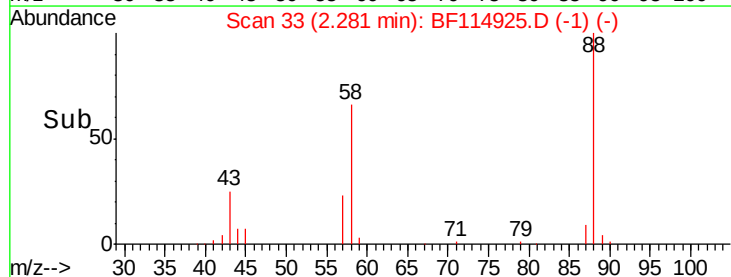
#2

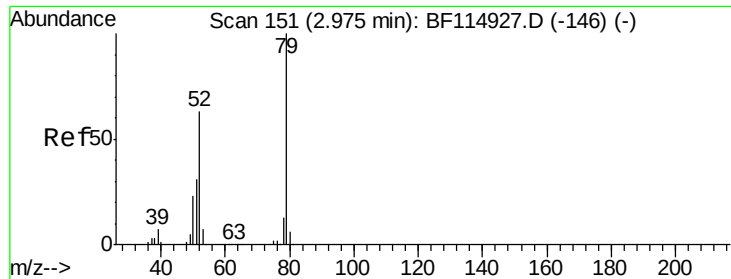
1,4-Dioxane
Concen: 11.306 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion: 88 Resp: 84781
Ion Ratio Lower Upper
88 100
58 65.7 54.2 81.2
43 26.5 20.6 30.8



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





#3

Pvridine

Concen: 10.531 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

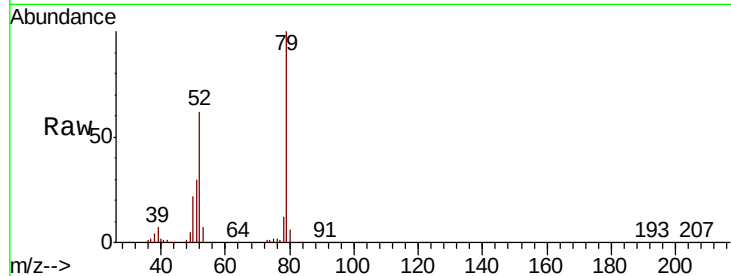
Tot Ion: 79 Resp: 217031

Ion Ratio Lower Upper

79 100

52 62.2 50.2 75.2

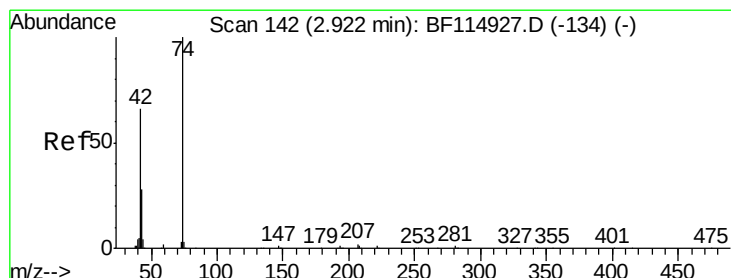
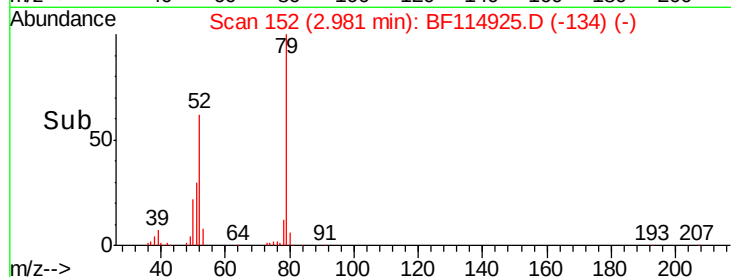
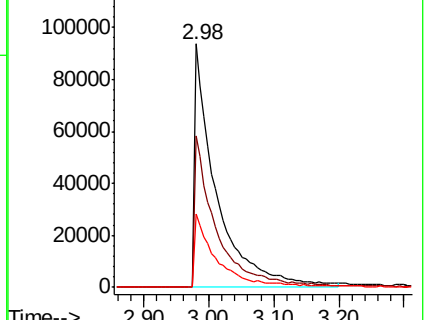
51 30.4 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 10.274 ng

RT: 2.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

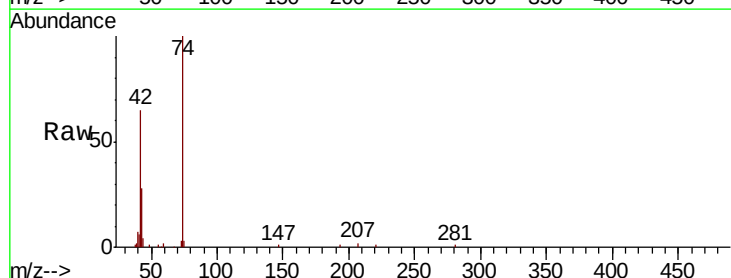
Tgt Ion: 42 Resp: 77488

Ion Ratio Lower Upper

42 100

74 154.2 121.9 182.9

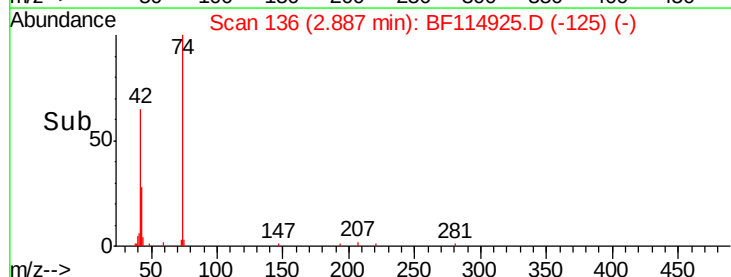
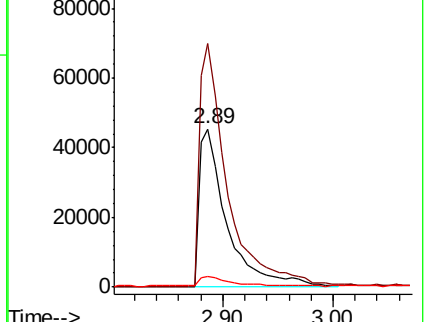
44 6.9 5.1 7.7

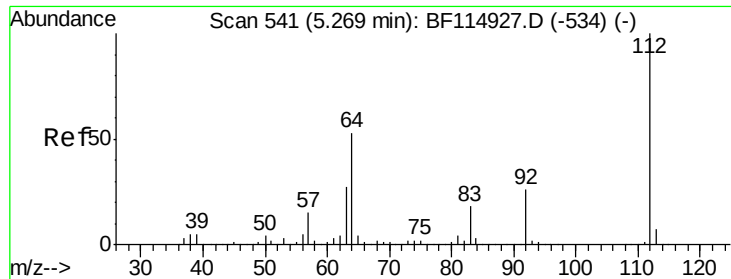


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 25.087 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

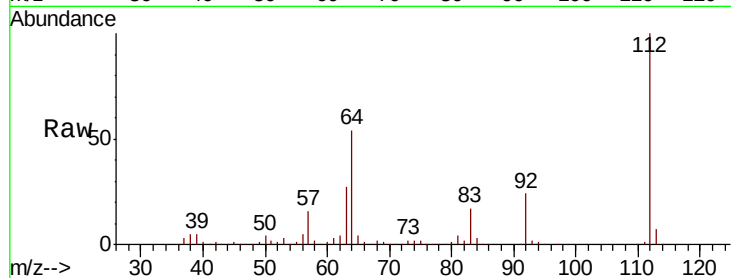
Tot Ion:112 Resp: 394011

Ion Ratio Lower Upper

112 100

64 54.2 42.1 63.1

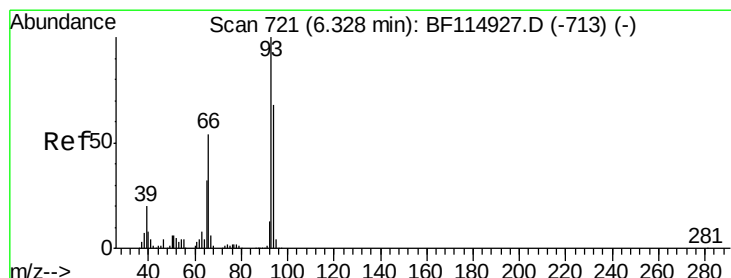
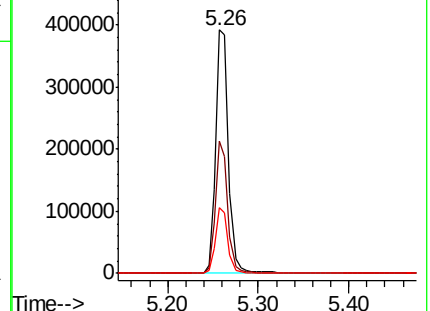
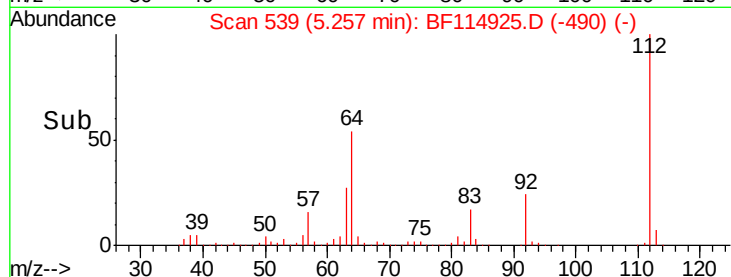
63 27.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.938 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

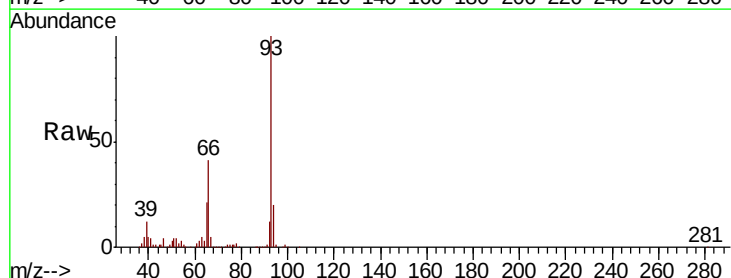
Tgt Ion: 93 Resp: 323729

Ion Ratio Lower Upper

93 100

66 41.3 43.6 65.4#

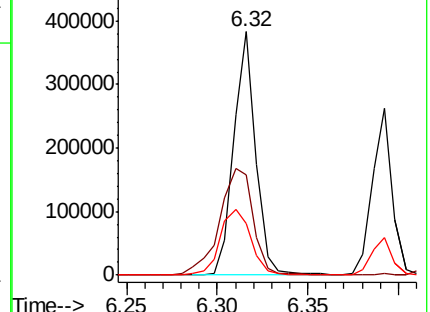
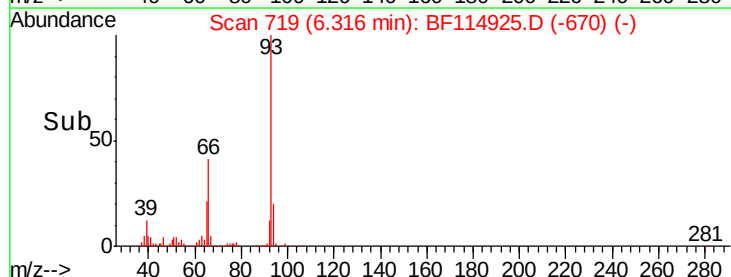
65 21.3 25.7 38.5#

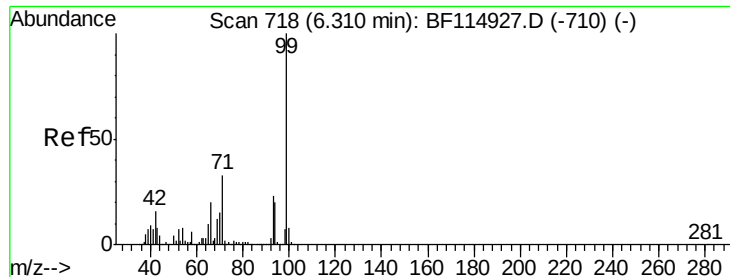


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.092 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

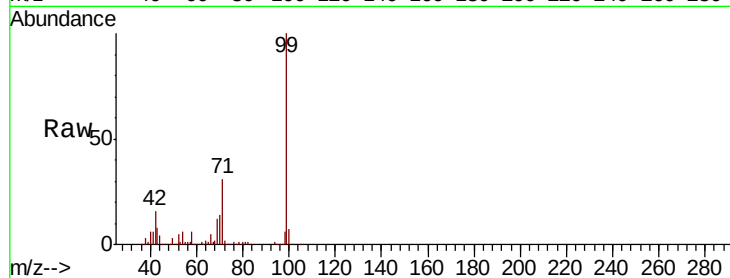
Tot Ion: 99 Resp: 479543

Ion Ratio Lower Upper

99 100

42 15.9 13.1 19.7

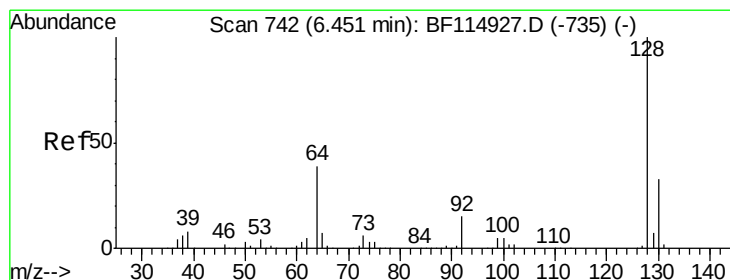
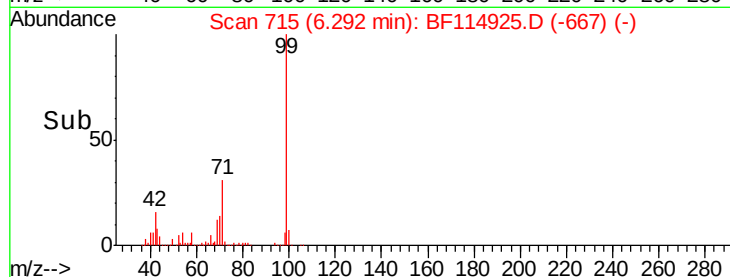
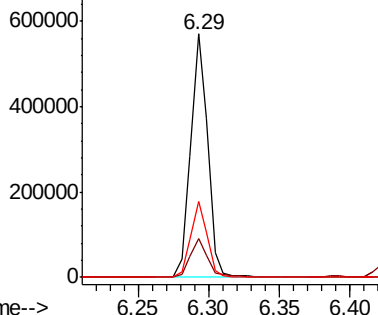
71 31.0 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 11.970 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

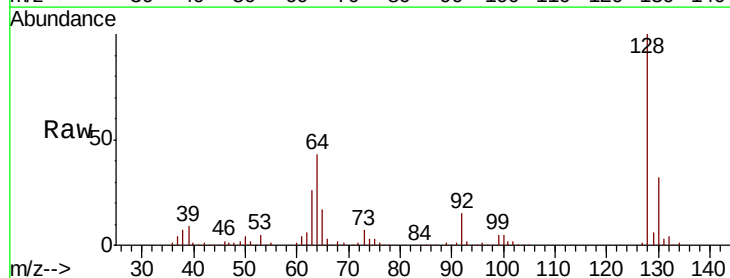
Tgt Ion: 128 Resp: 217209

Ion Ratio Lower Upper

128 100

130 31.9 13.3 53.3

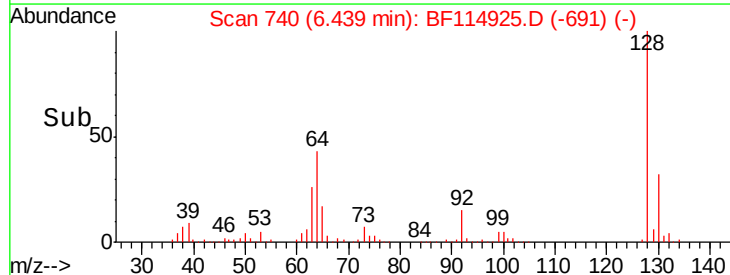
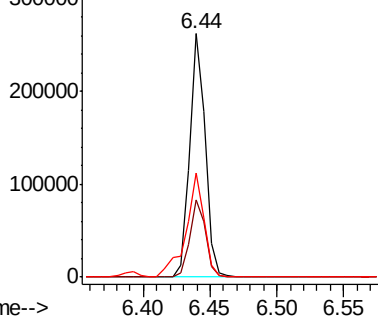
64 42.6 19.5 59.5

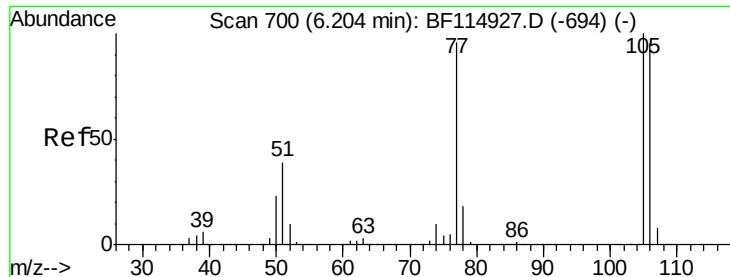


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.921 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

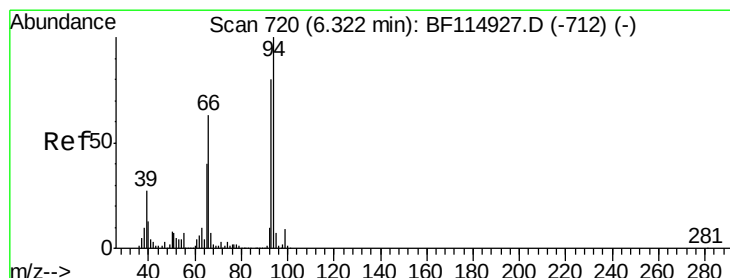
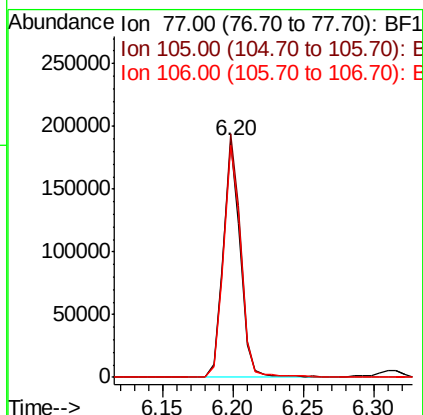
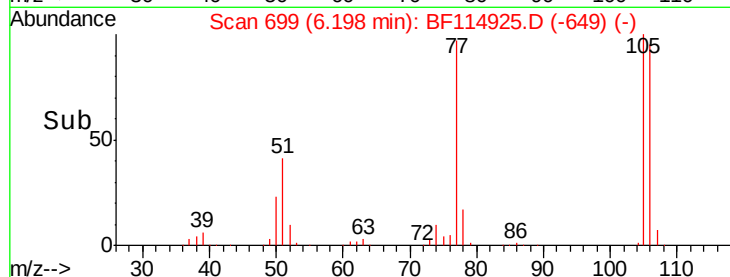
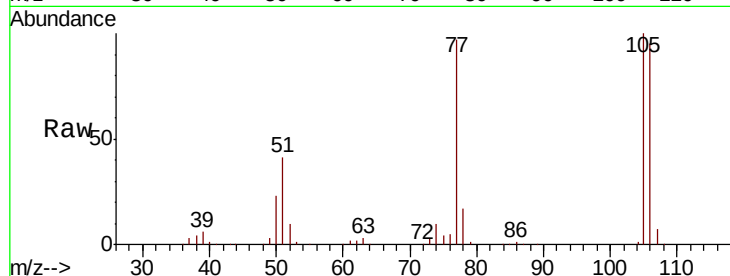
Tot Ion: 77 Resp: 158036

Ion Ratio Lower Upper

77 100

105 103.2 84.5 124.5

106 98.4 79.2 119.2



#10

Phenol

Concen: 12.211 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

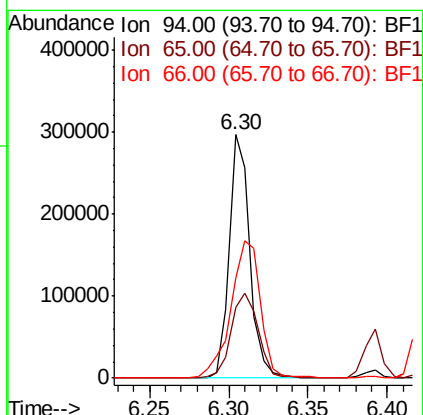
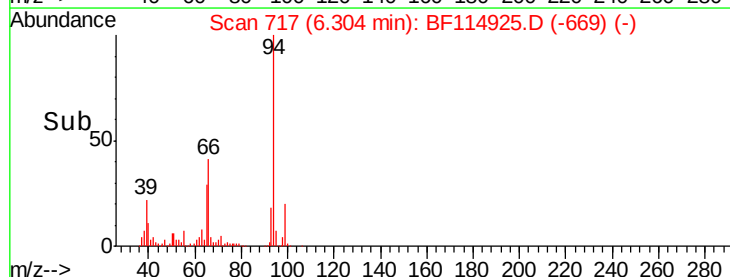
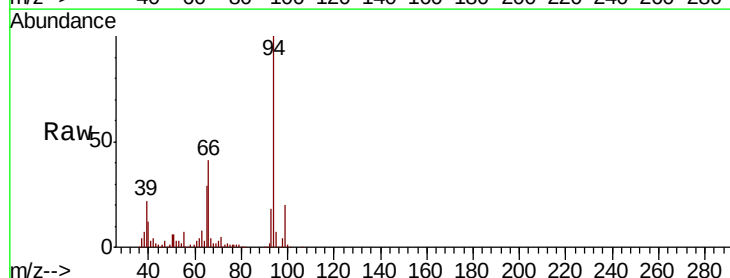
Tgt Ion: 94 Resp: 266862

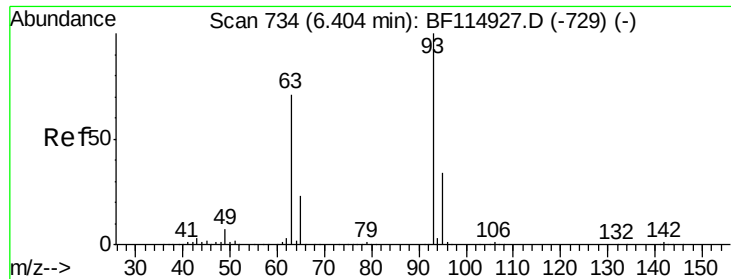
Ion Ratio Lower Upper

94 100

65 28.9 19.6 59.6

66 41.1 42.6 82.6#

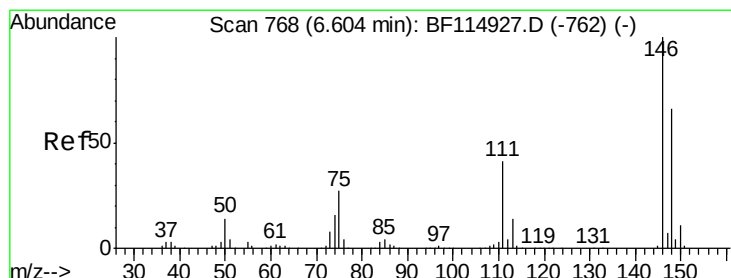
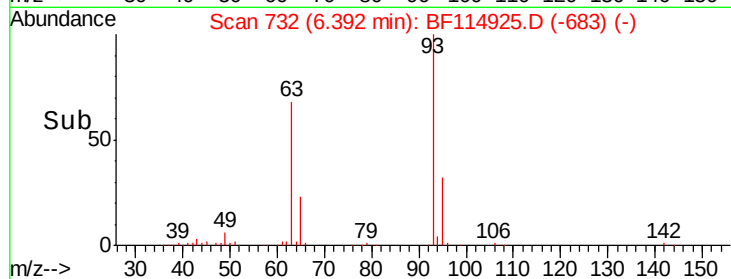
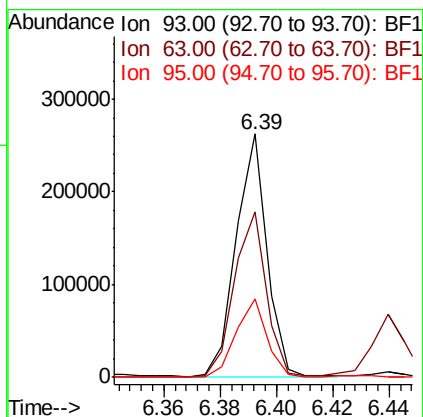
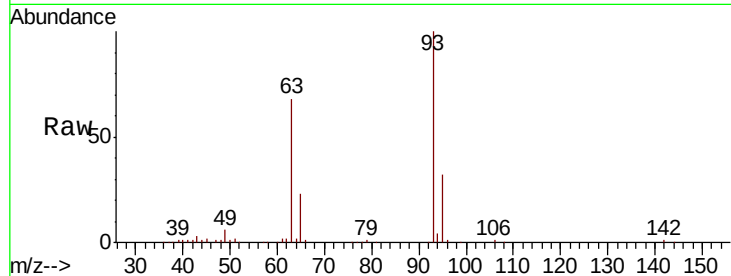




#11
bis(2-Chloroethyl)ether
Concen: 11.606 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

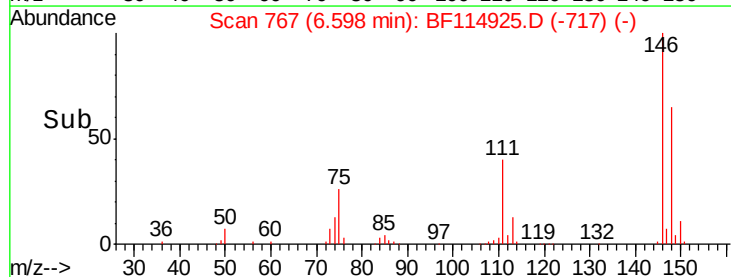
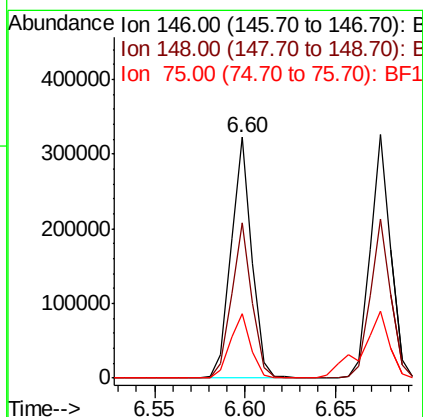
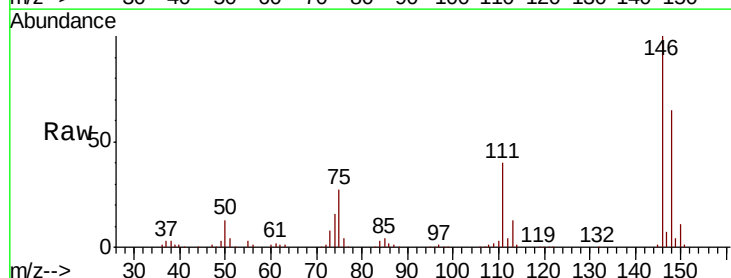
Instrument :
BNA_F
ClientSampleId :

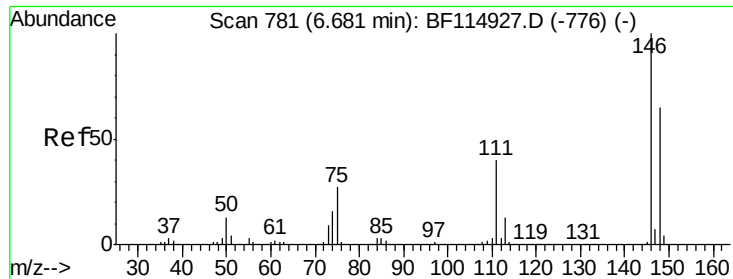
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.2	50.5	90.5
95	32.3	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 12.101 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	78.8
75	26.8	21.9	32.9

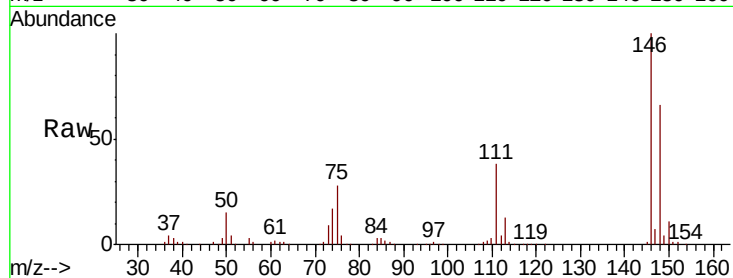




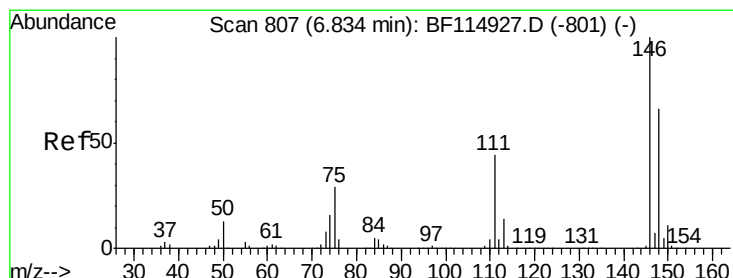
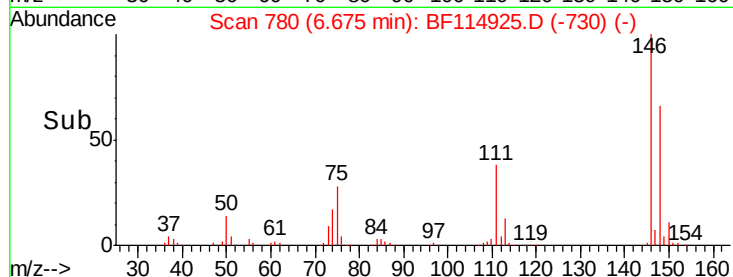
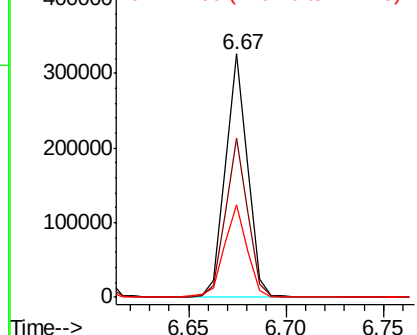
#13
 1,4-Dichlorobenzene
 Concen: 12.013 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 255605
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 38.2 31.8 47.8

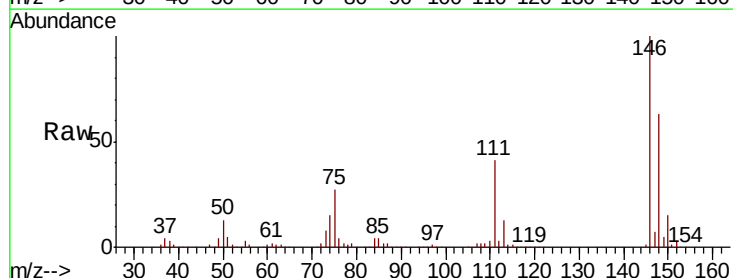


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

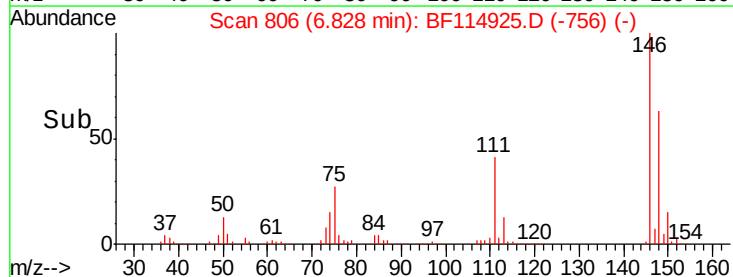
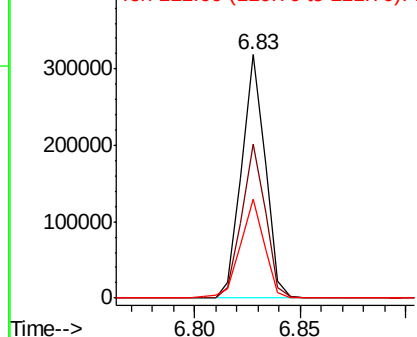


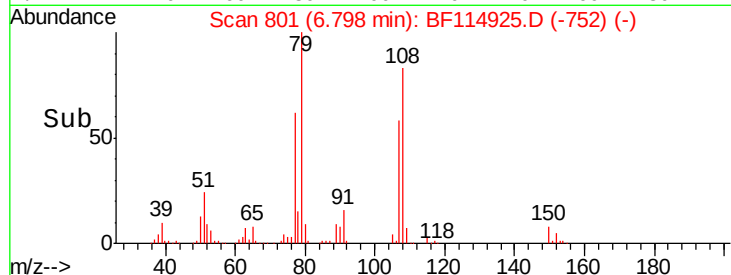
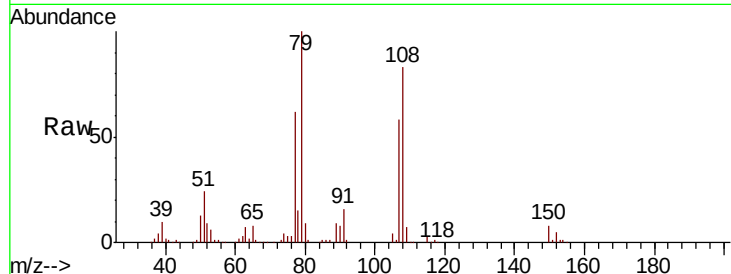
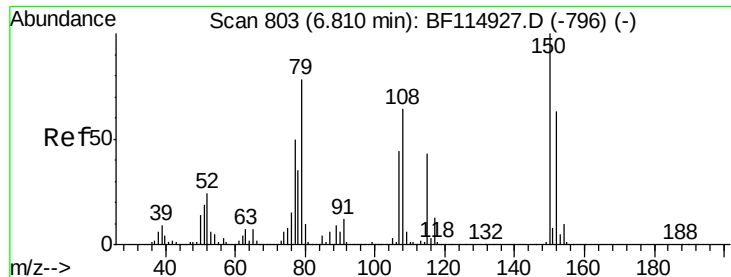
#14
 1,2-Dichlorobenzene
 Concen: 12.783 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion:146 Resp: 245637
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.7 79.1
 111 40.9 35.4 53.2



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

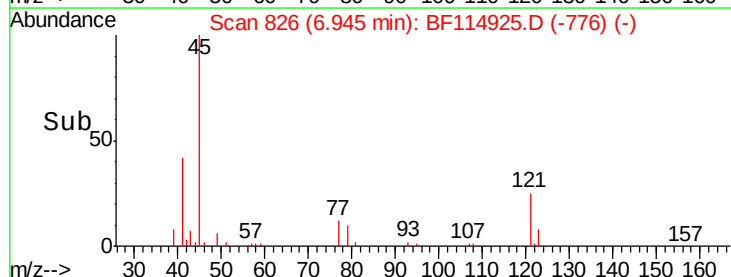
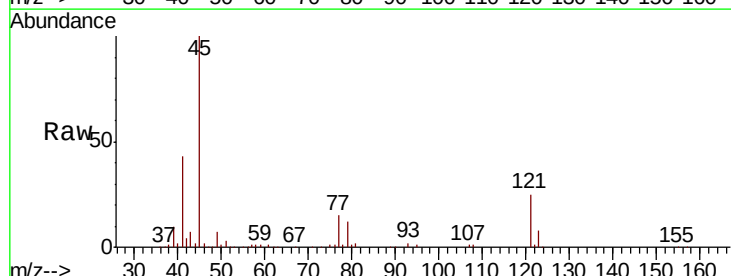
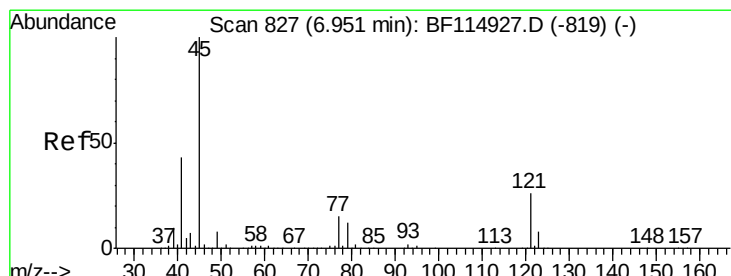
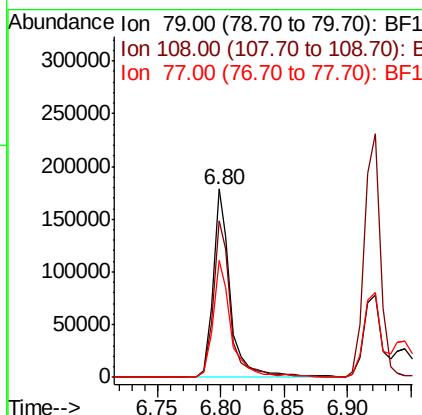




#15
Benzyl Alcohol
Concen: 11.944 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

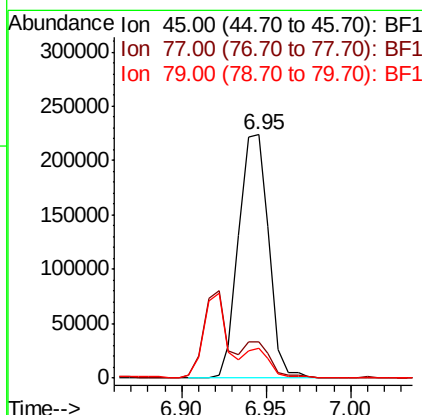
Instrument :
BNA_F
ClientSampleId :

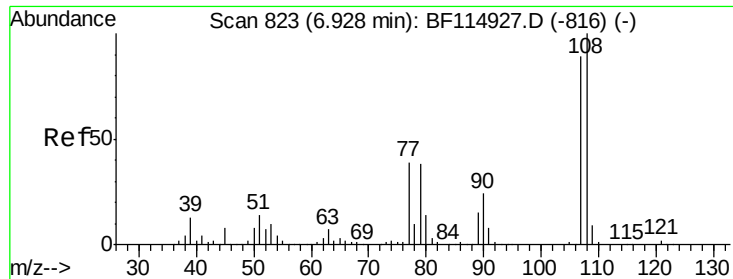
Tot Ion: 79 Resp: 172610
Ion Ratio Lower Upper
79 100
108 83.2 65.5 98.3
77 62.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.397 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion: 45 Resp: 278006
Ion Ratio Lower Upper
45 100
77 15.1 0.0 36.2
79 12.2 0.0 32.7





#17

2-Methylphenol

Concen: 11.234 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 174256

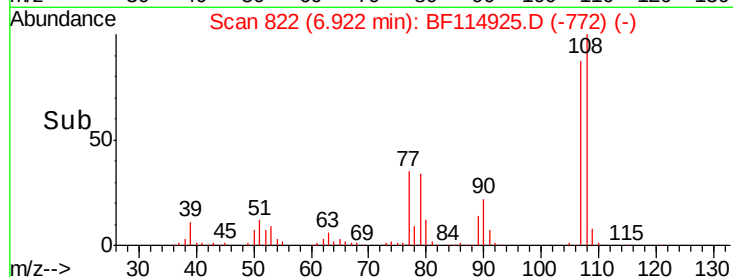
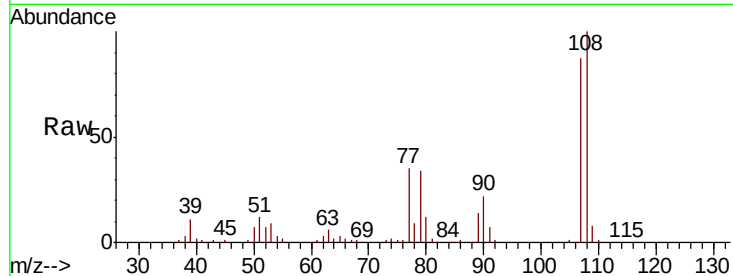
Ion Ratio Lower Upper

107 100

108 115.1 90.2 135.2

77 40.1 35.4 53.0

79 39.1 34.6 52.0

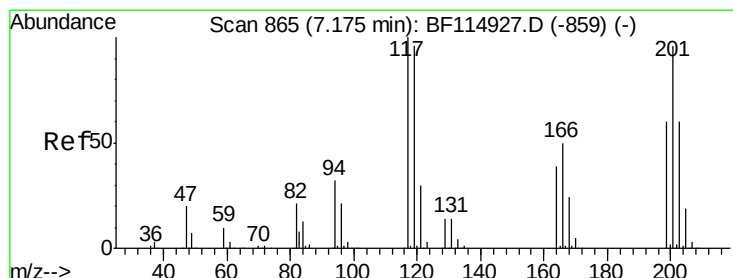
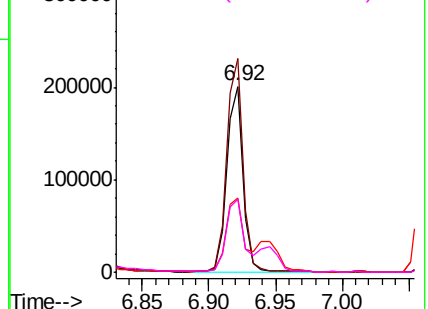


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 11.320 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

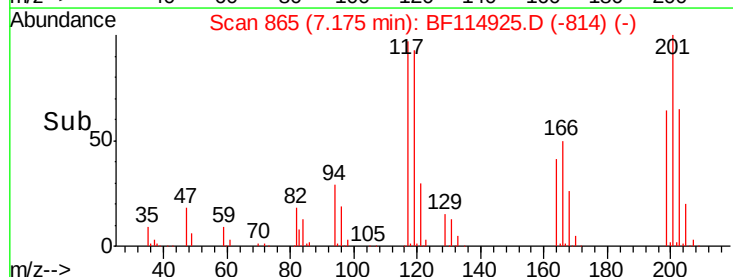
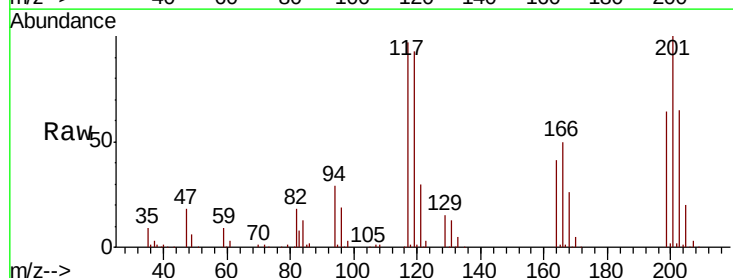
Tgt Ion:117 Resp: 90655

Ion Ratio Lower Upper

117 100

119 96.2 76.6 114.8

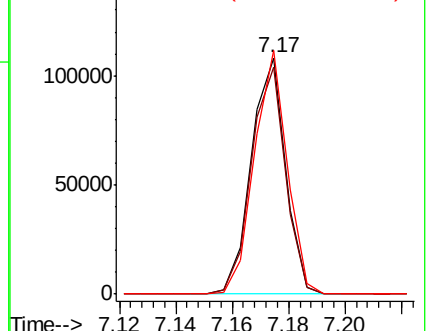
201 103.0 77.0 115.6

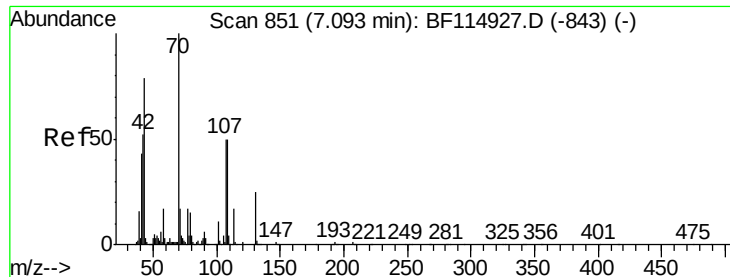


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

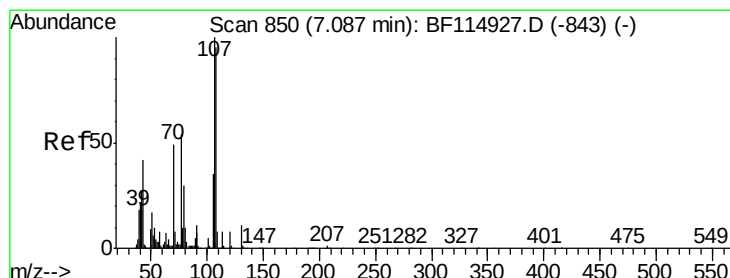
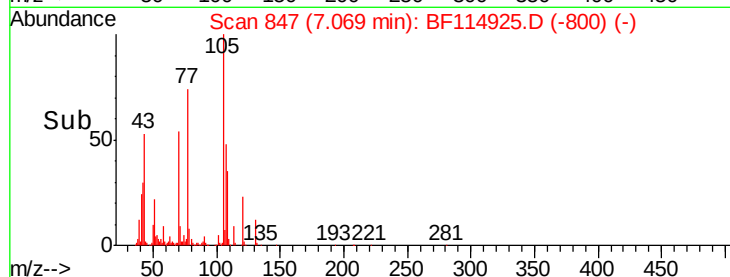
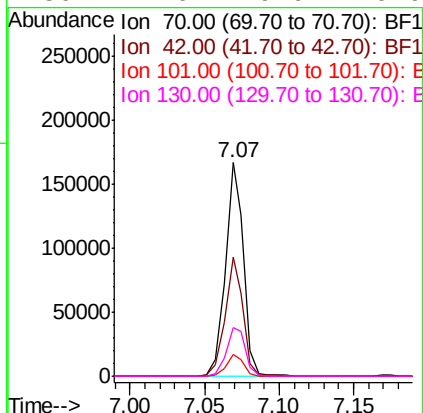
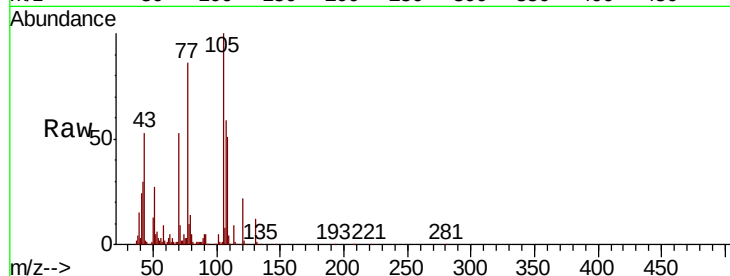




#19
n-Nitroso-di-n-propylamine
Concen: 11.280 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

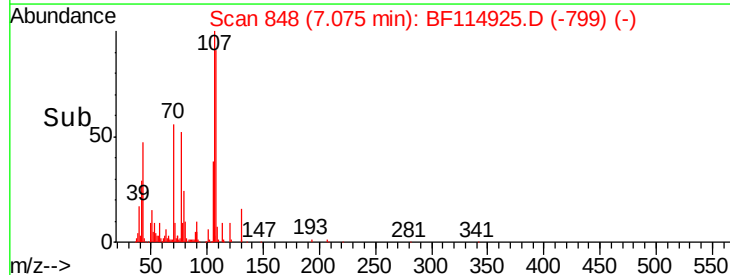
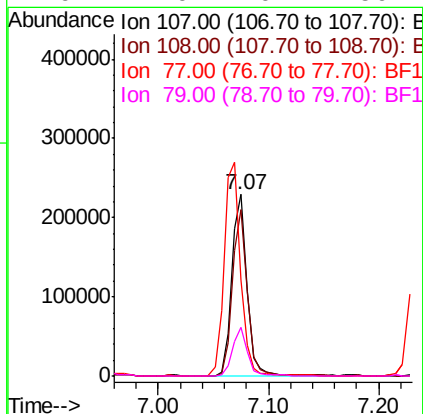
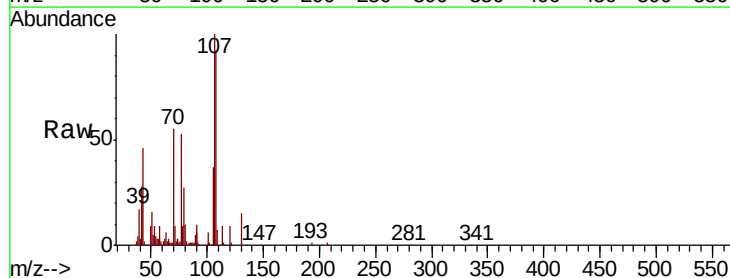
Instrument :
BNA_F
ClientSampleId :

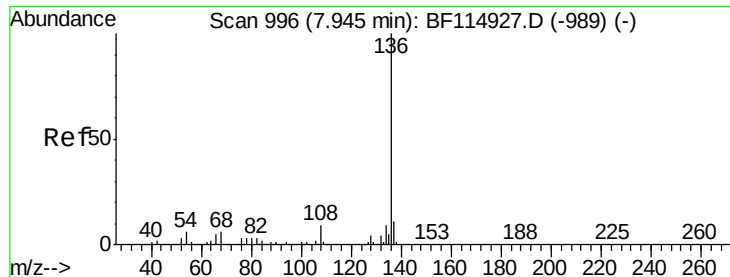
Tot Ion:	70	Resp:	142700
Ion	Ratio	Lower	Upper
70	100		
42	56.0	41.7	62.5
101	10.0	8.4	12.6
130	22.6	19.9	29.9



#20
3+4-Methylphenols
Concen: 12.961 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:	107	Resp:	221751
Ion	Ratio	Lower	Upper
107	100		
108	91.6	74.7	114.7
77	52.9	33.7	73.7
79	27.0	10.2	50.2

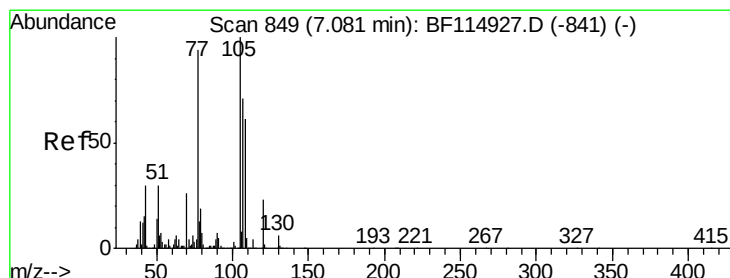
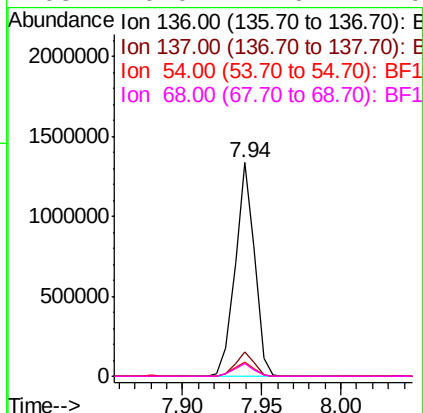
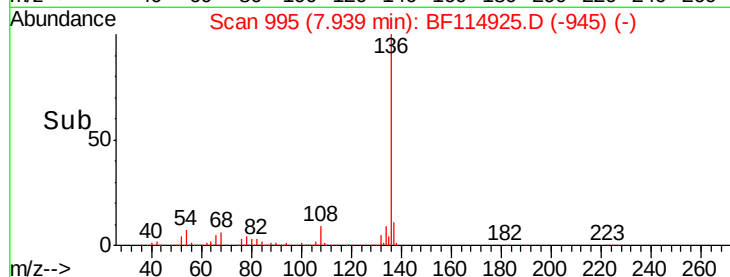
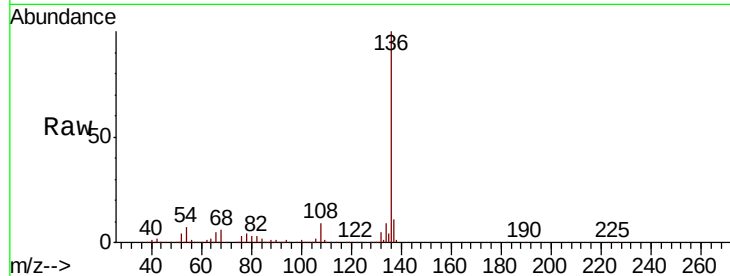




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

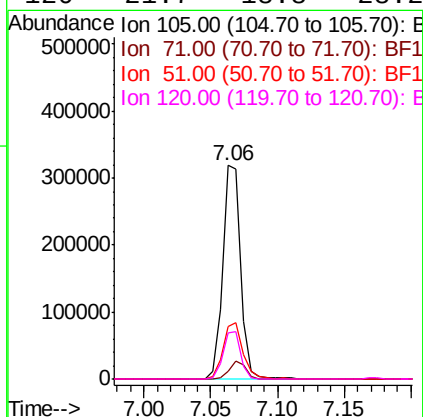
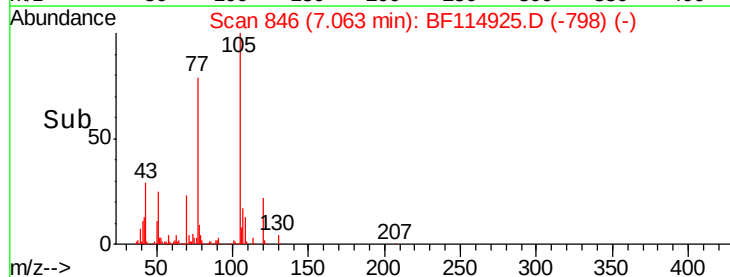
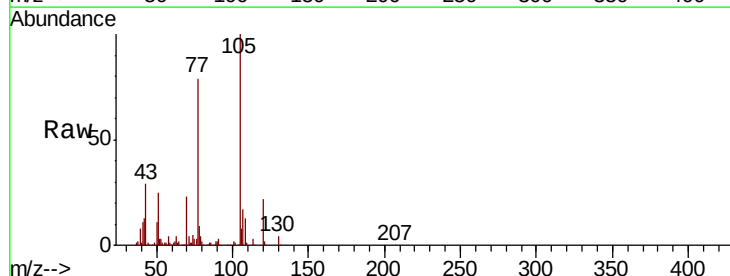
Instrument :
BNA_F
ClientSampleId :

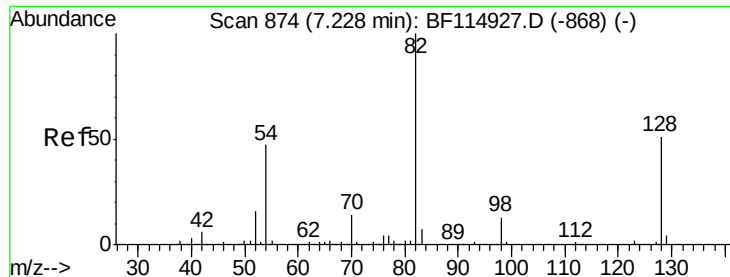
Tot Ion:136	Resp: 1126670
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.6
54 6.8	5.2 7.8
68 6.0	4.6 7.0



#22
Acetophenone
Concen: 12.224 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt	Ion:105	Resp:	303211
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.4	5.2
51	24.7	24.0	36.0
120	21.7	18.8	28.2

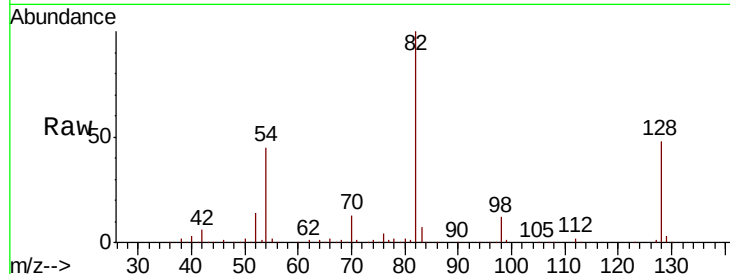




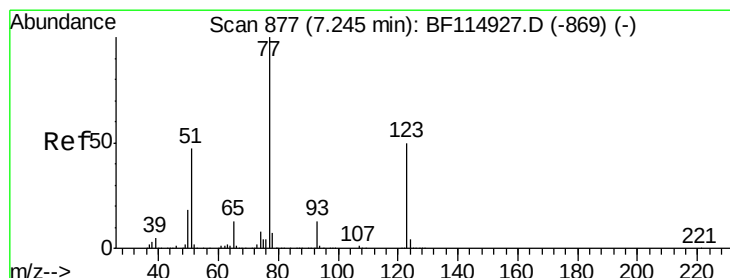
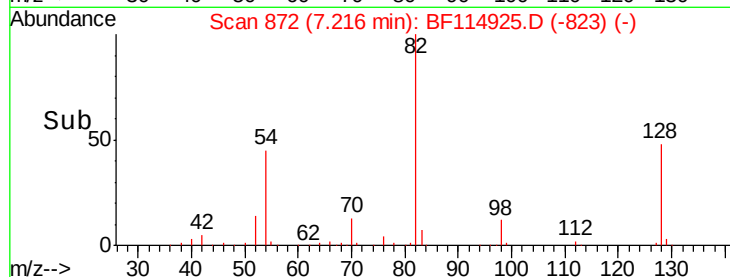
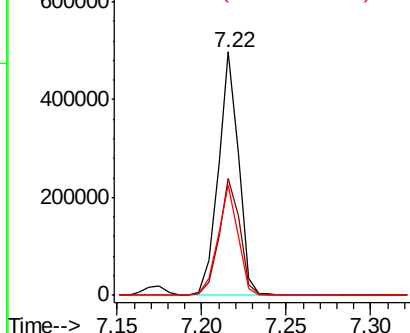
#23
Nitrobenzene-d5
Concen: 22.832 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 417884
Ion Ratio Lower Upper
82 100
128 48.1 40.9 61.3
54 45.2 37.4 56.0

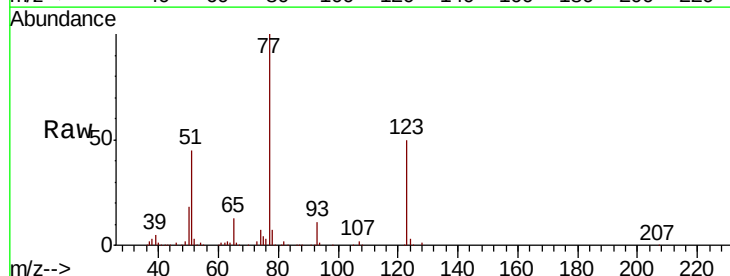


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

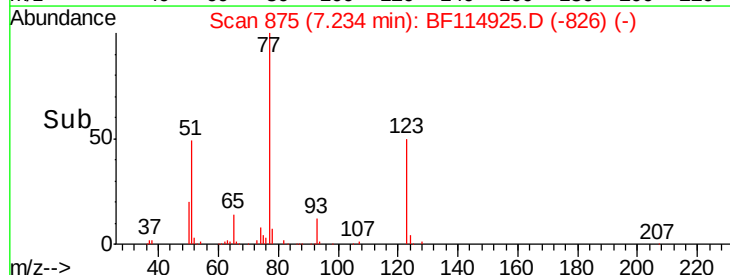
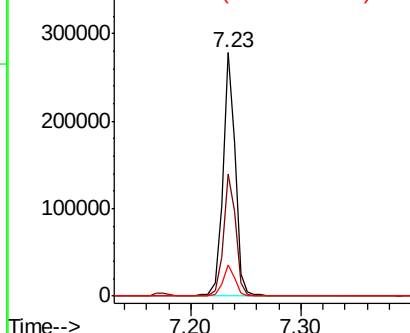


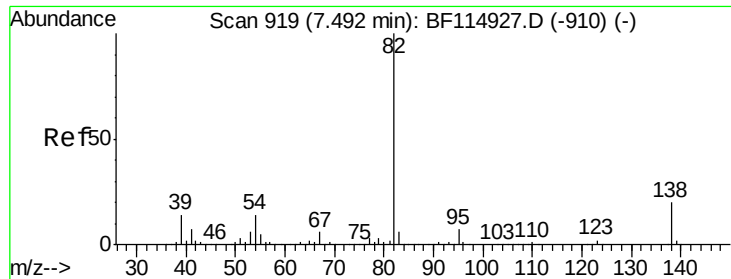
#24
Nitrobenzene
Concen: 11.346 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion: 77 Resp: 215134
Ion Ratio Lower Upper
77 100
123 50.2 39.8 59.6
65 12.6 10.7 16.1



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





#25

Isophorone

Concen: 10.907 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

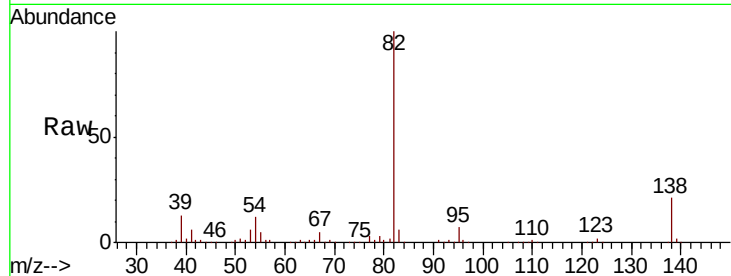
Tot Ion: 82 Resp: 394663

Ion Ratio Lower Upper

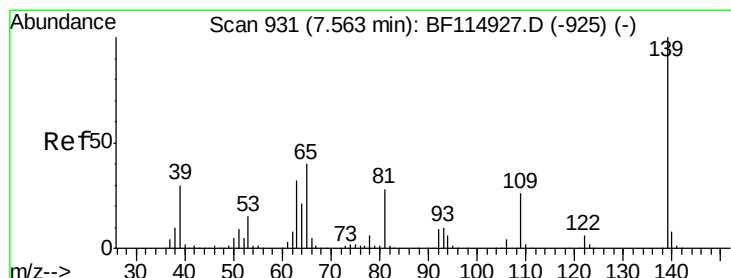
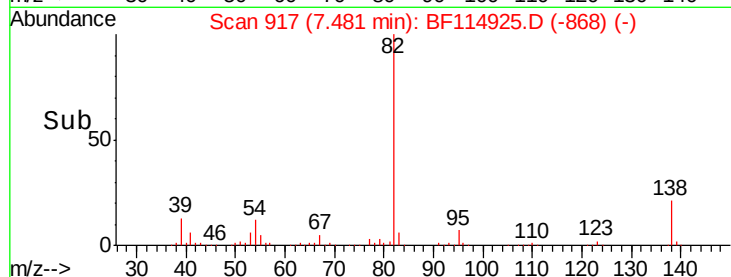
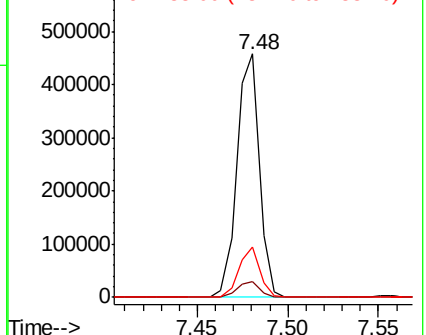
82 100

95 6.6 5.7 8.5

138 20.7 16.4 24.6



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



#26

2-Nitrophenol

Concen: 10.770 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

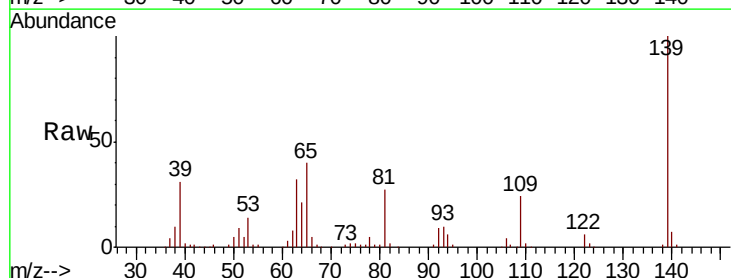
Tgt Ion: 139 Resp: 110604

Ion Ratio Lower Upper

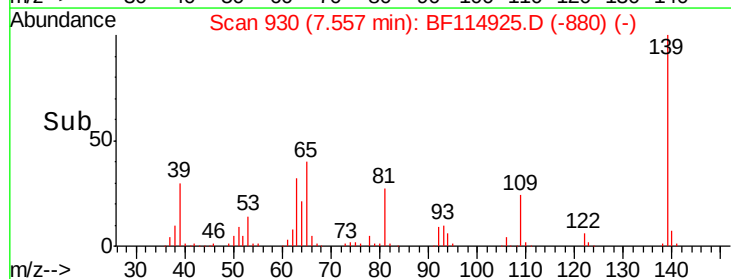
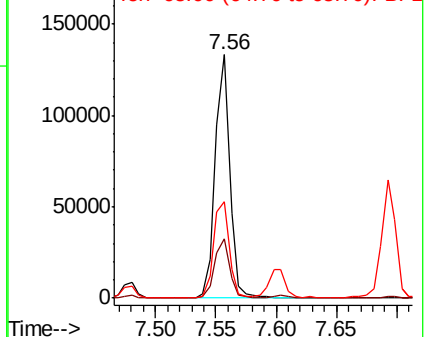
139 100

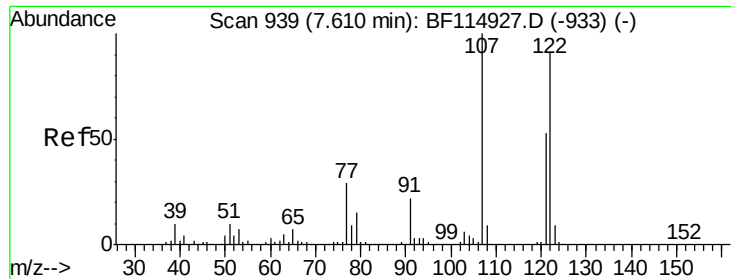
109 24.3 20.6 30.8

65 39.8 32.2 48.2



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

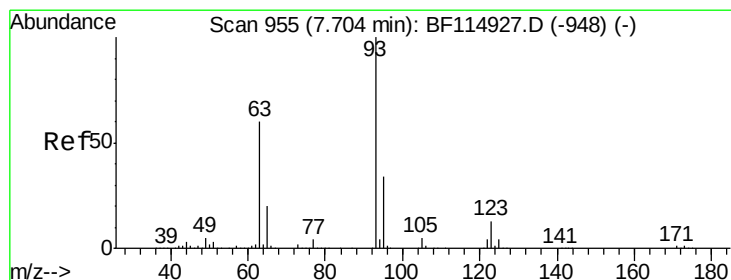
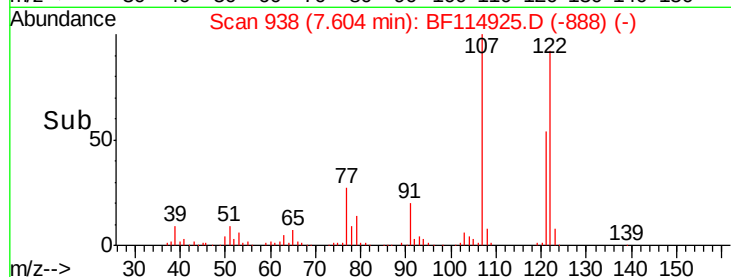
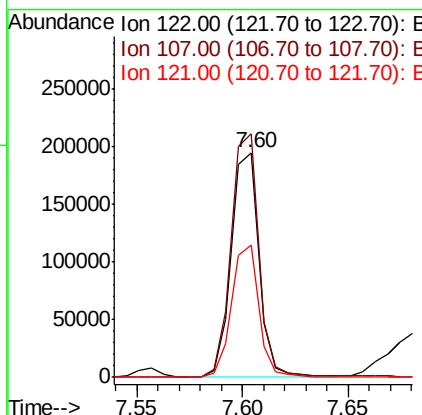
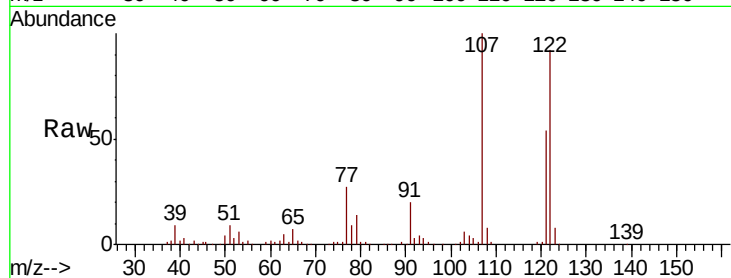




#27
2,4-Dimethylphenol
Concen: 11.347 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

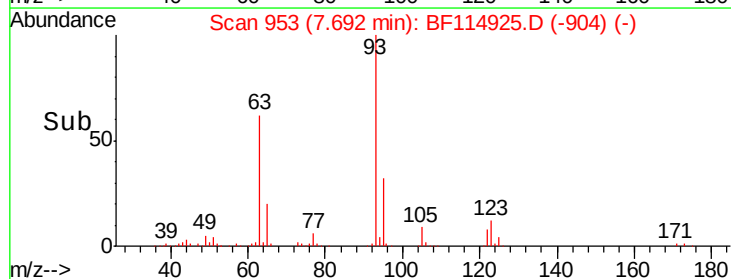
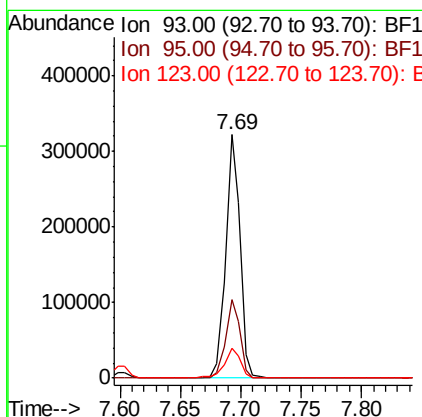
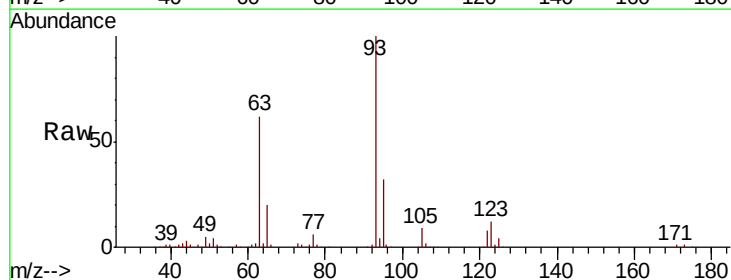
Instrument :
BNA_F
ClientSampled :

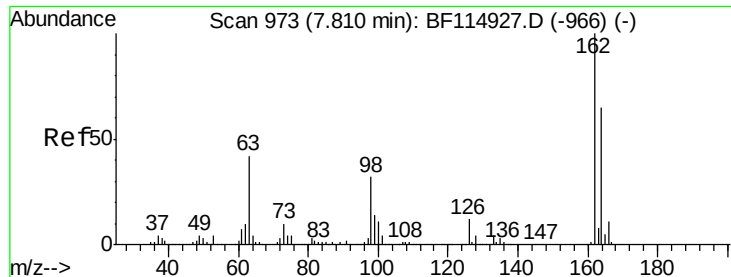
Tot Ion:122 Resp: 177113
Ion Ratio Lower Upper
122 100
107 108.2 88.0 132.0
121 58.8 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 11.387 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion: 93 Resp: 263374
Ion Ratio Lower Upper
93 100
95 32.3 27.0 40.4
123 12.0 10.3 15.5

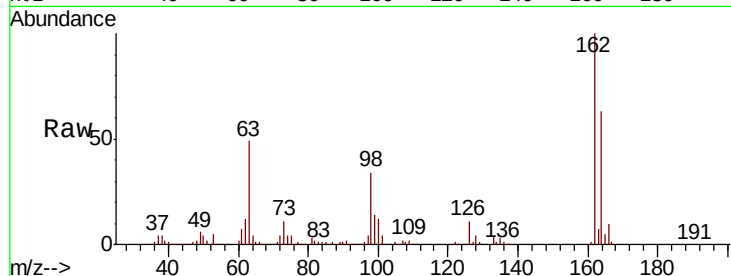




#29
2,4-Dichlorophenol
Concen: 11.320 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	45.4	85.4
98	33.9	12.5	52.5

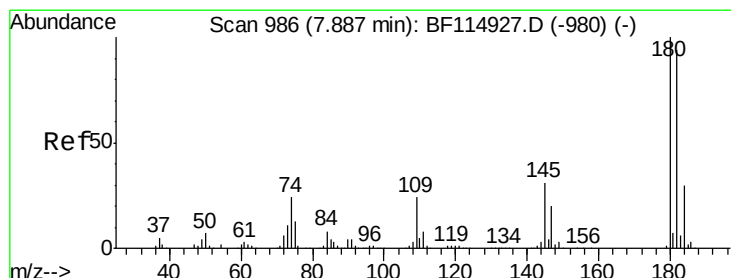
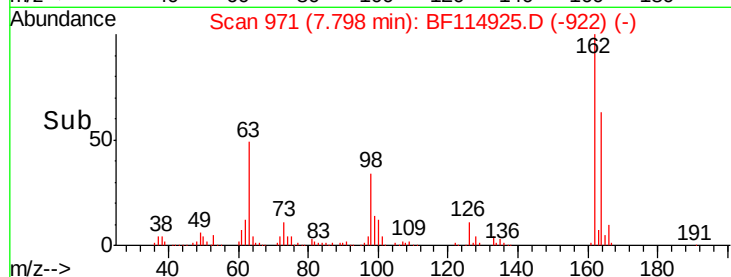
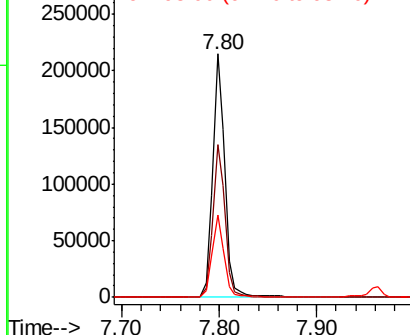


Abundance

Ion 162.00 (161.70 to 162.70): E

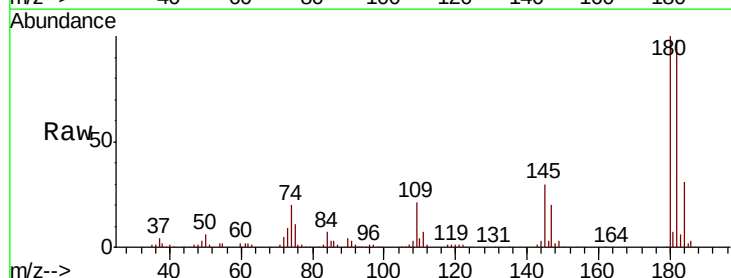
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 11.464 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	75.0	112.6
145	30.2	25.1	37.7

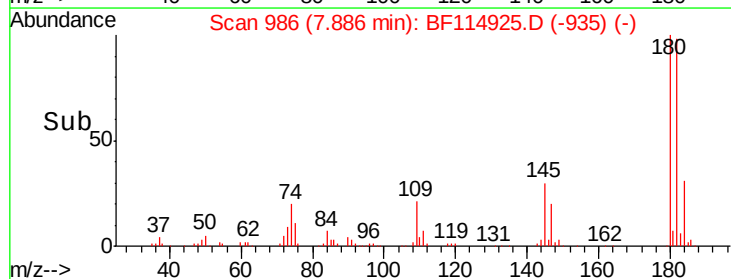
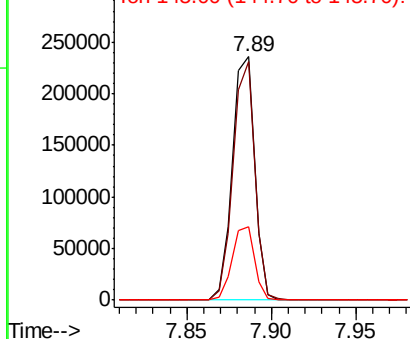


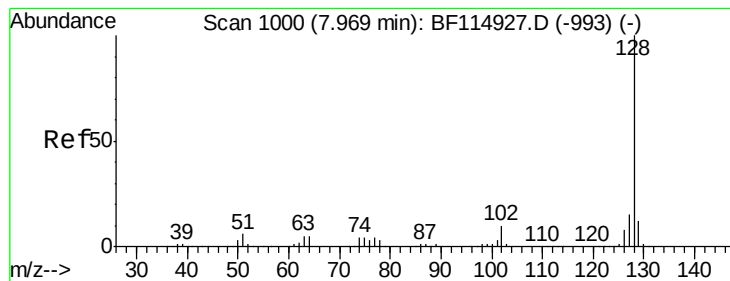
Abundance

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: 13.005 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

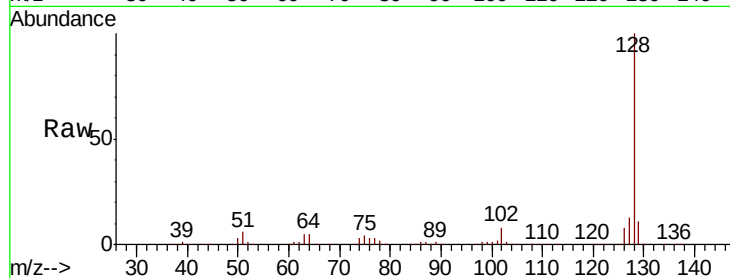
Tot Ion:128 Resp: 659632

Ion Ratio Lower Upper

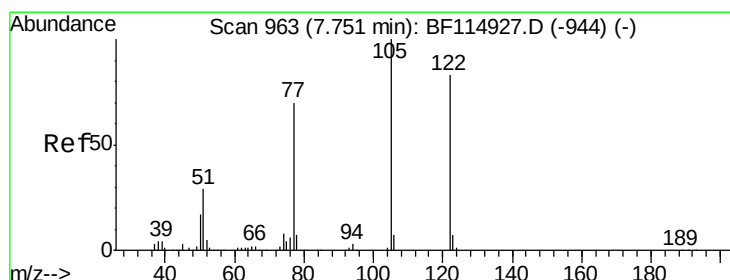
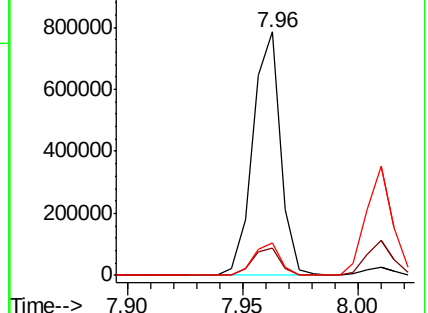
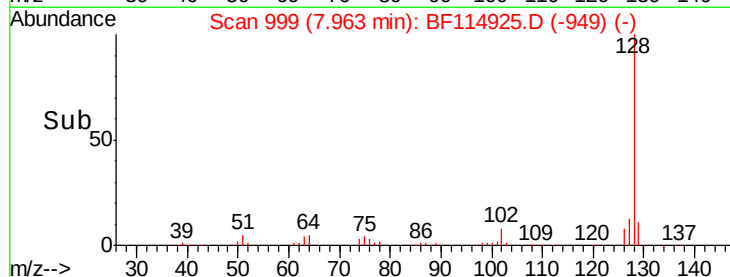
128 100

129 11.2 9.8 14.8

127 13.1 11.8 17.6



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



#32

Benzoic acid

Concen: 7.976 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

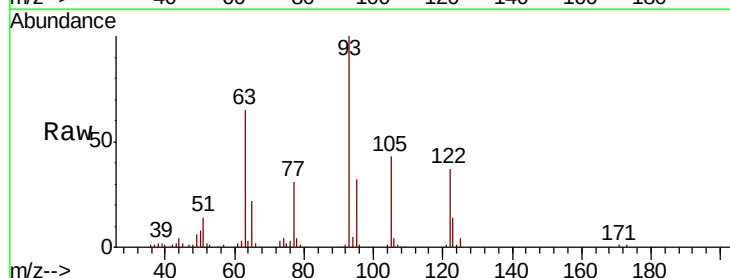
Tgt Ion:122 Resp: 90675

Ion Ratio Lower Upper

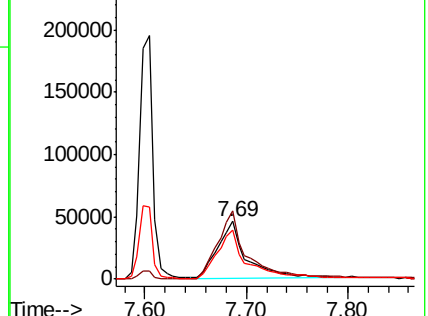
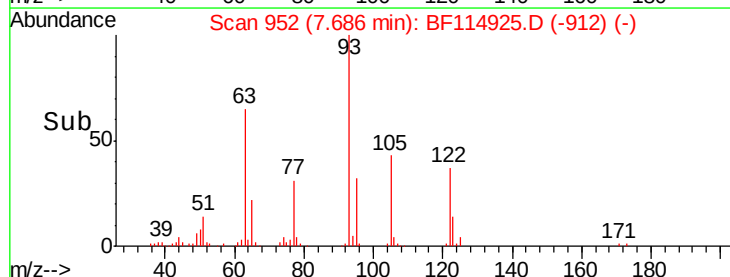
122 100

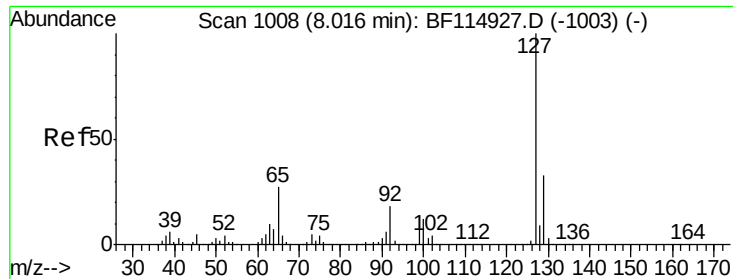
105 117.0 97.7 137.7

77 84.5 63.0 103.0



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

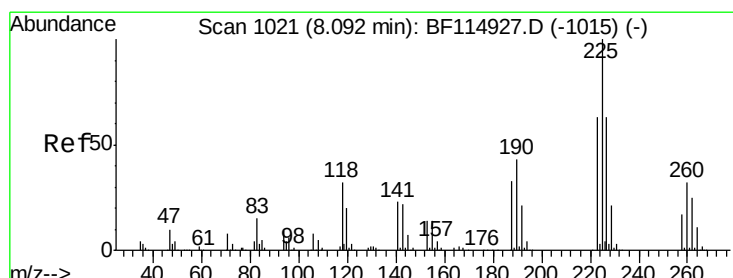
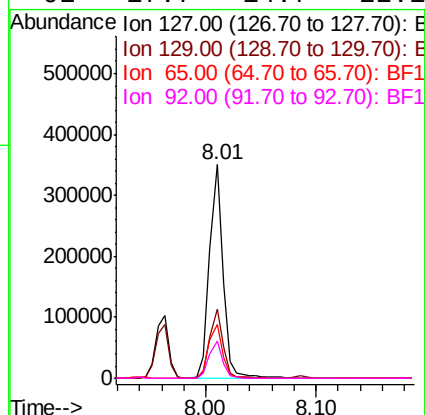
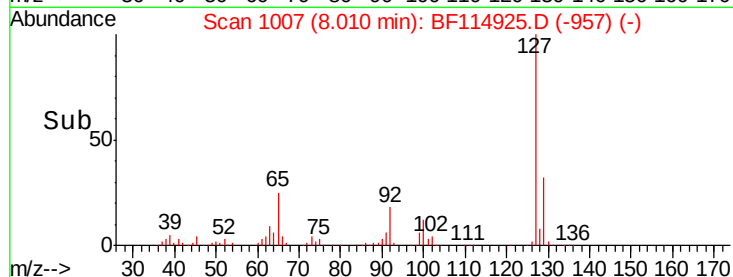
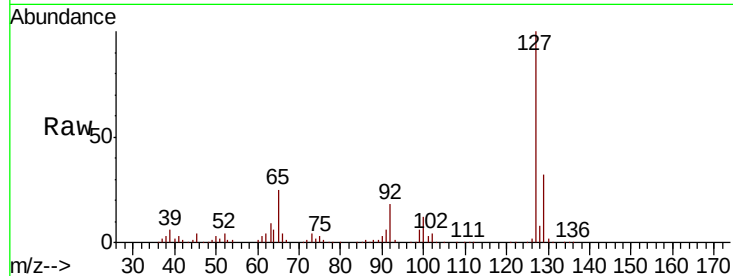




#33
4-Chloroaniline
Concen: 11.884 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

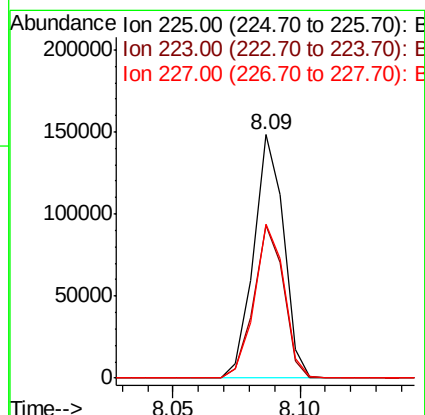
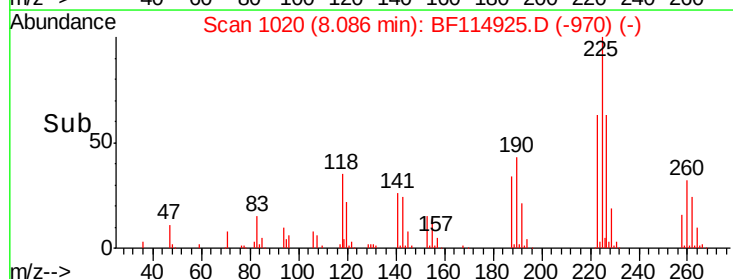
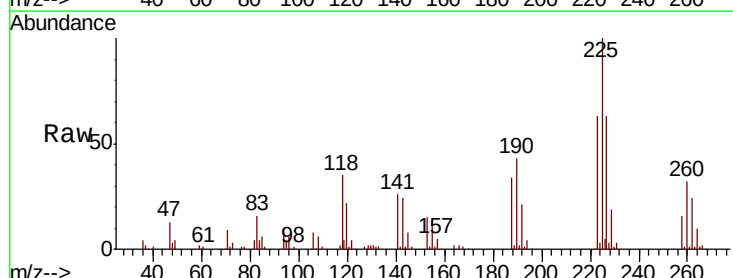
Instrument :
BNA_F
ClientSampleId :

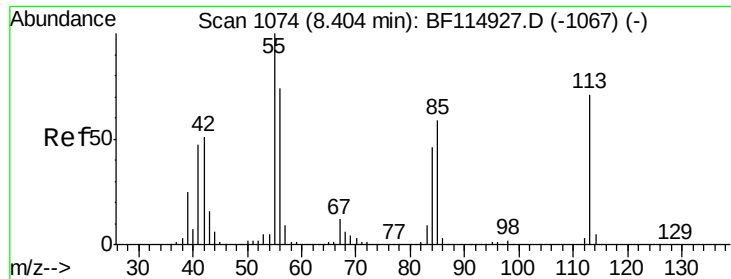
Tot Ion:	127	Resp:	287568
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	25.4	21.5	32.3
92	17.7	14.7	22.1



#34
Hexachlorobutadiene
Concen: 11.427 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:	225	Resp:	122411
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	63.5	50.6	75.8

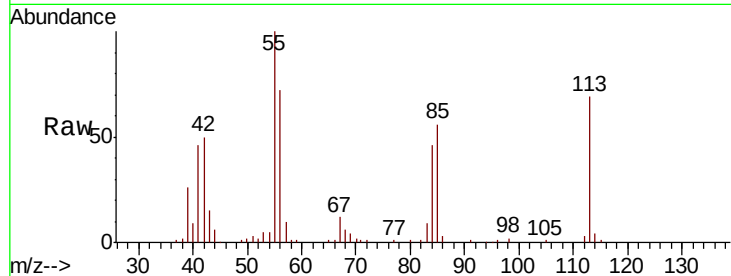




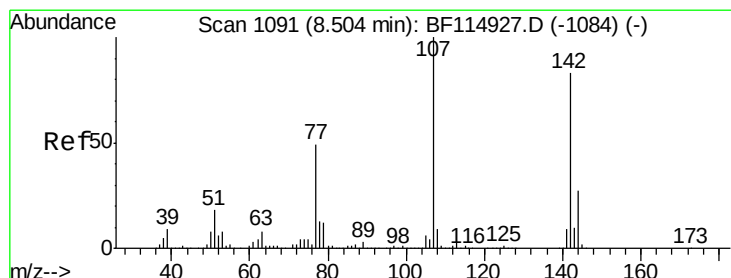
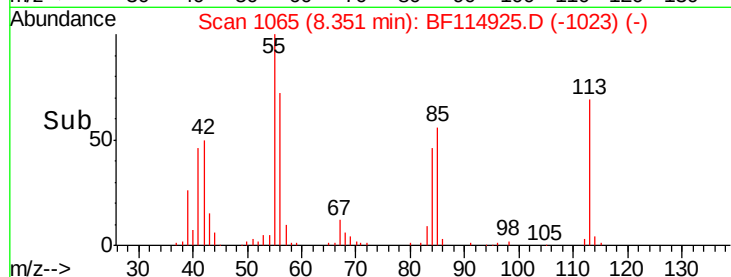
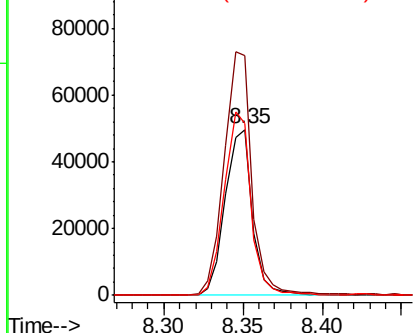
#35
Caprolactam
Concen: 11.048 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 59265
Ion Ratio Lower Upper
113 100
55 145.1 120.9 160.9
56 103.8 84.3 124.3

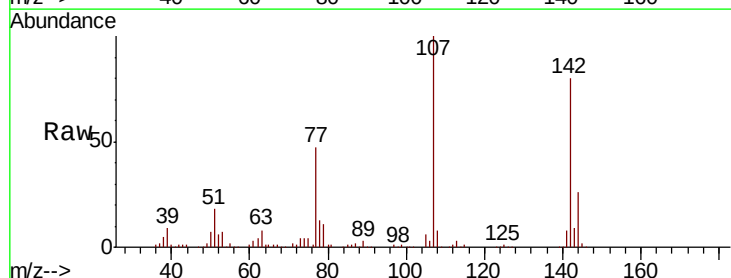


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

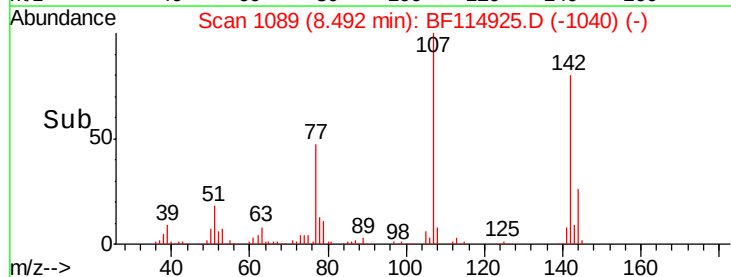
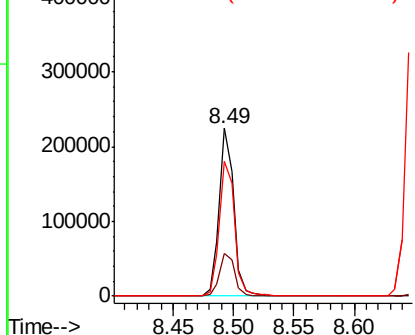


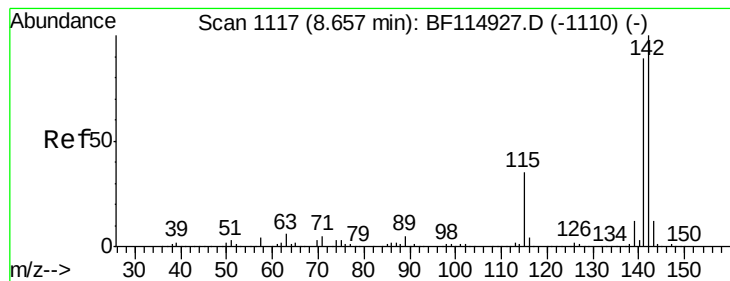
#36
4-Chloro-3-methylphenol
Concen: 11.426 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:107 Resp: 186708
Ion Ratio Lower Upper
107 100
144 25.6 21.6 32.4
142 80.1 66.1 99.1



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





#37

2-Methylnaphthalene

Concen: 12.395 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

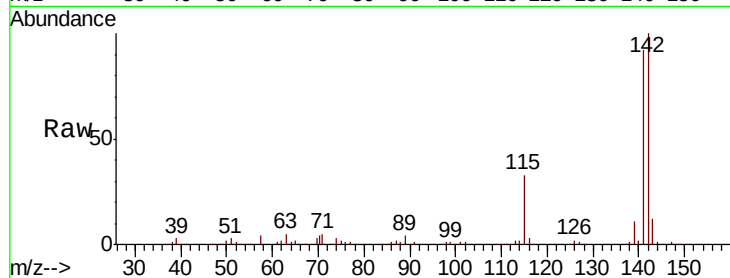
Tot Ion:142 Resp: 436094

Ion Ratio Lower Upper

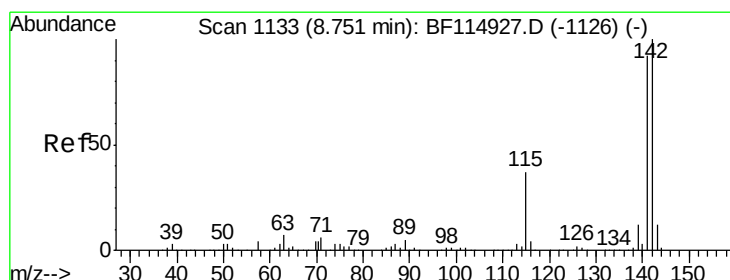
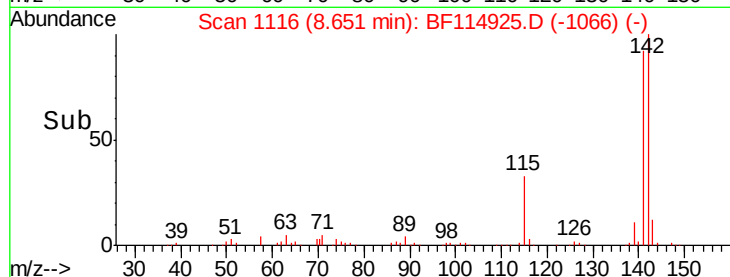
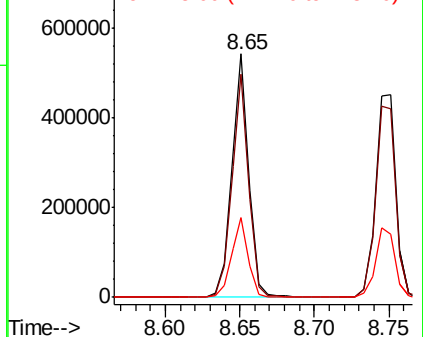
142 100

141 91.6 71.1 106.7

115 32.5 27.8 41.6



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



#38

1-Methylnaphthalene

Concen: 13.071 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.10 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

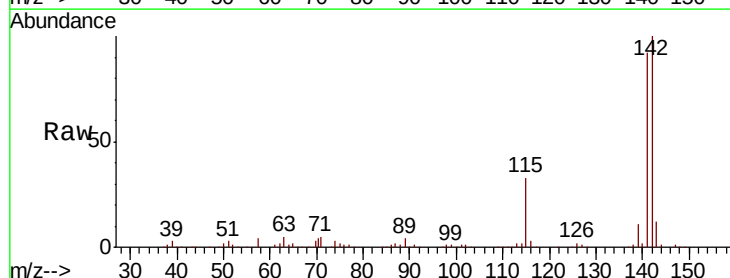
Tgt Ion:142 Resp: 436094

Ion Ratio Lower Upper

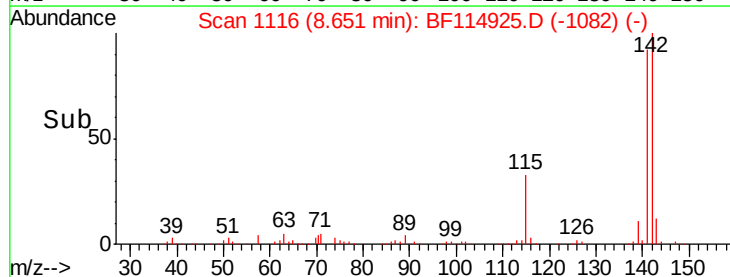
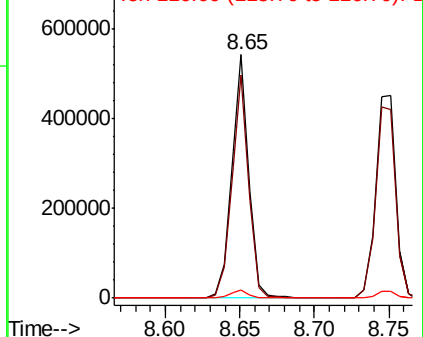
142 100

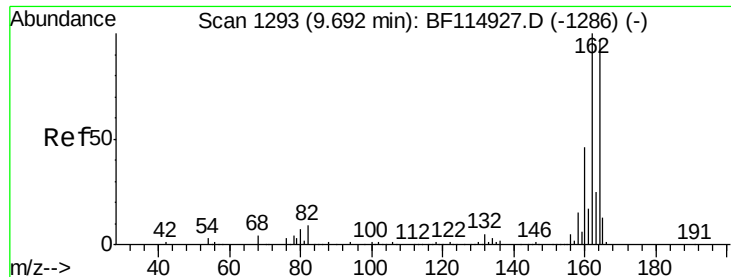
141 91.6 73.7 110.5

116 3.2 3.1 4.7



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

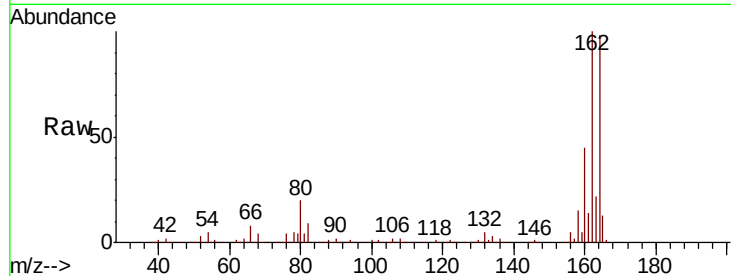




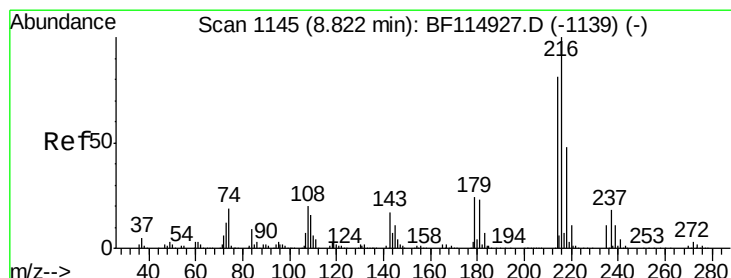
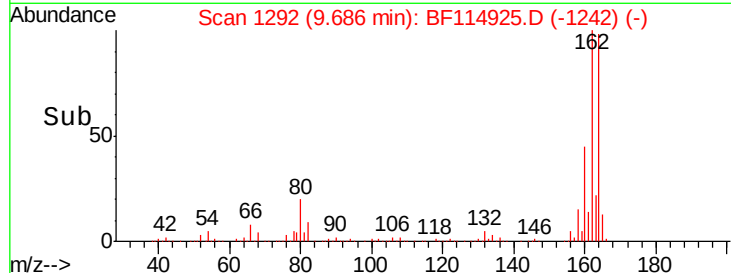
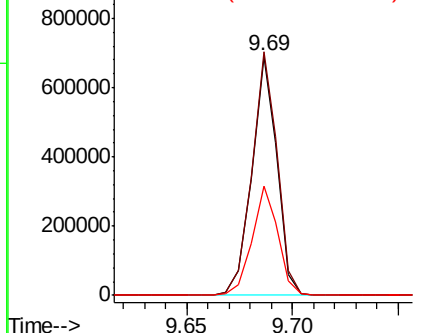
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 568824
Ion Ratio Lower Upper
164 100
162 102.0 82.4 123.6
160 45.9 37.5 56.3

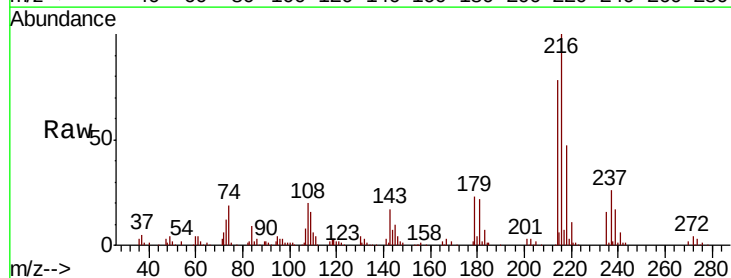


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

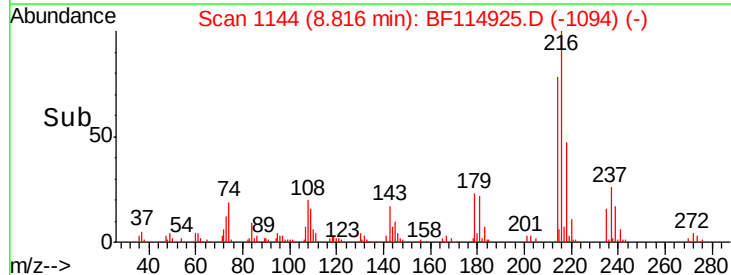
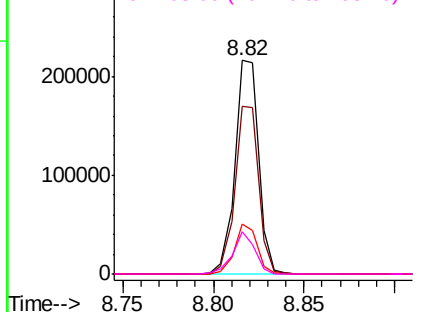


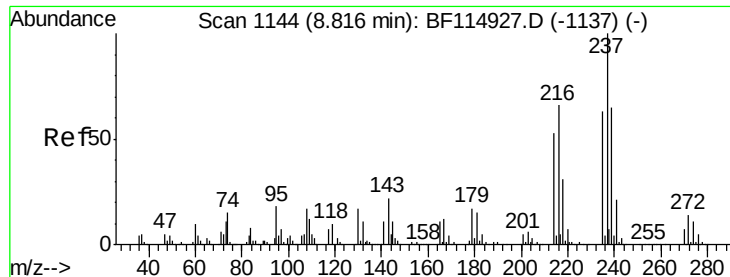
#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.034 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:216 Resp: 197273
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 22.1 18.5 27.7
108 18.3 15.6 23.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.513 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

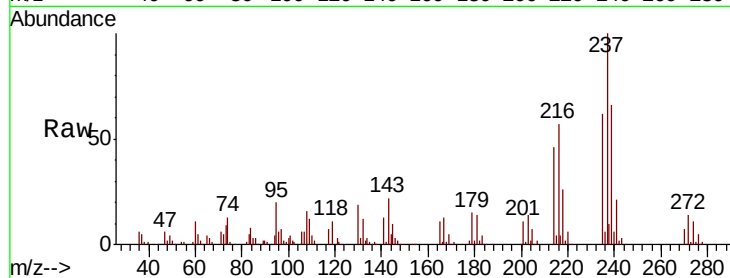
Tot Ion:237 Resp: 84638

Ion Ratio Lower Upper

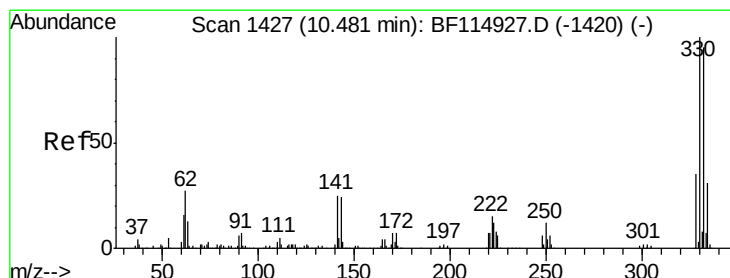
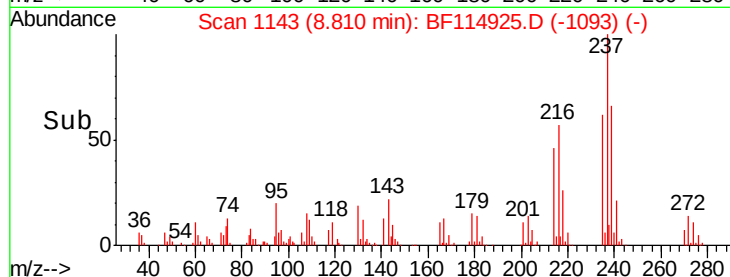
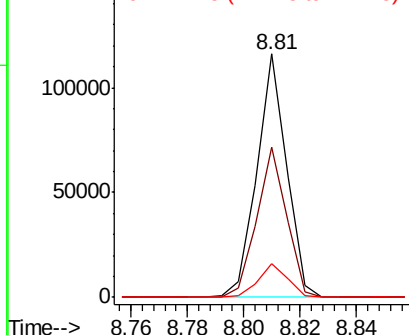
237 100

235 61.8 43.3 83.3

272 13.6 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 23.854 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

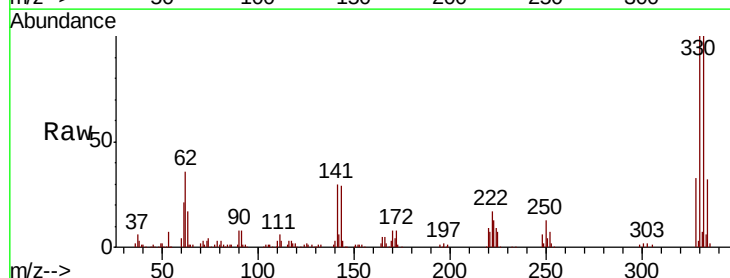
Tgt Ion:330 Resp: 146223

Ion Ratio Lower Upper

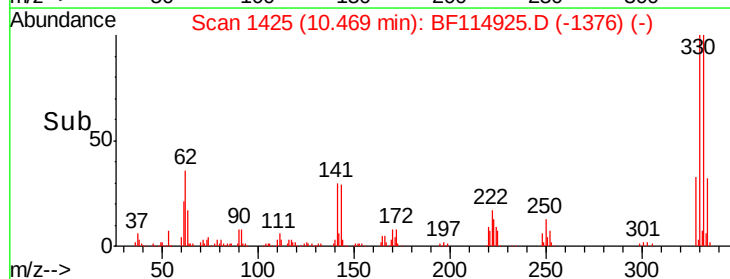
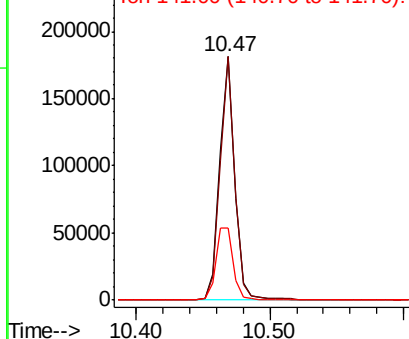
330 100

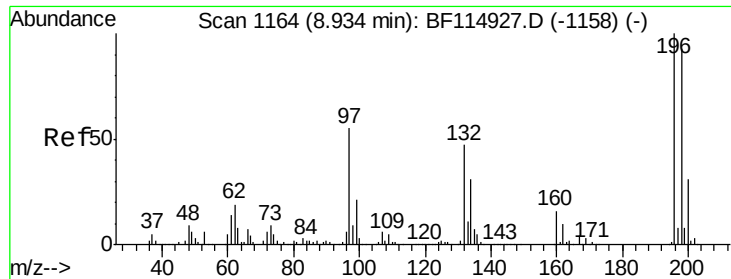
332 97.5 76.4 114.6

141 34.1 26.8 40.2



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

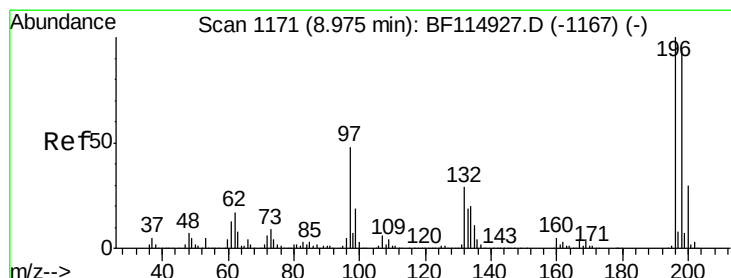
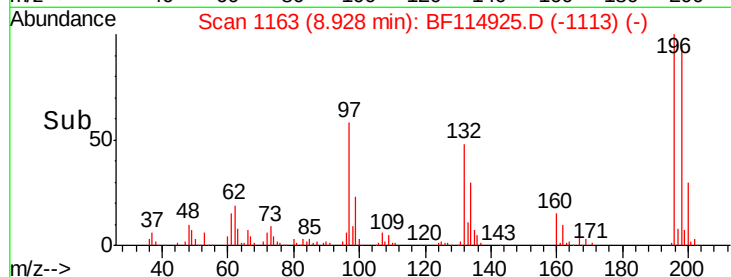
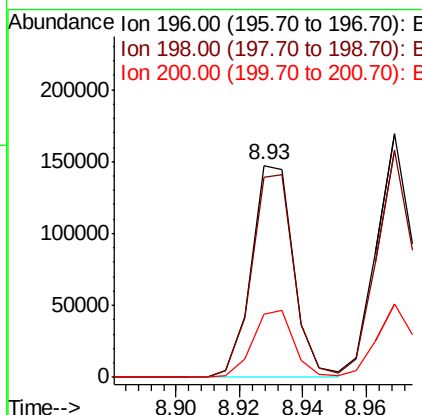
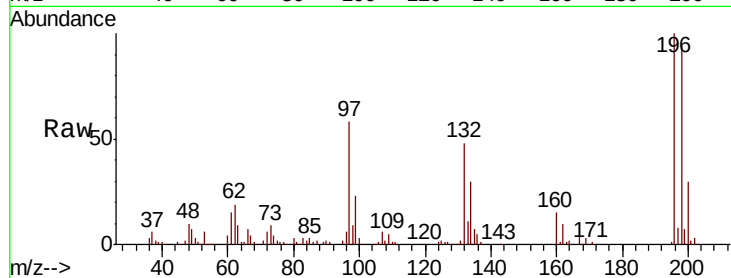




#43
 2,4,6-Trichlorophenol
 Concen: 10.676 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

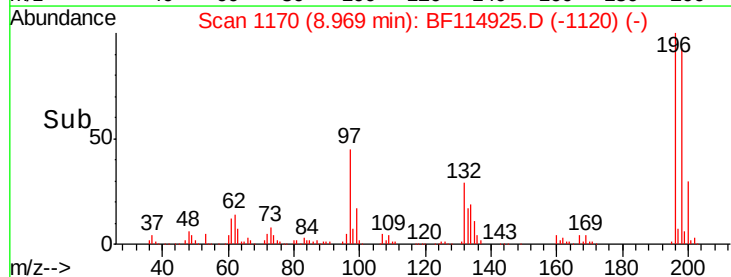
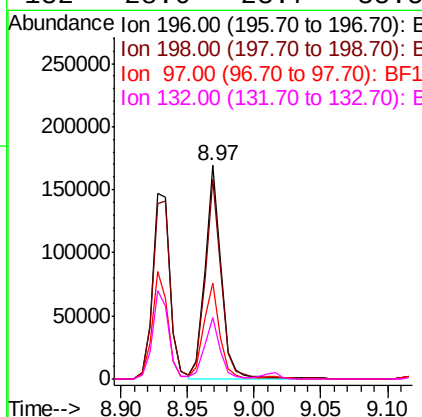
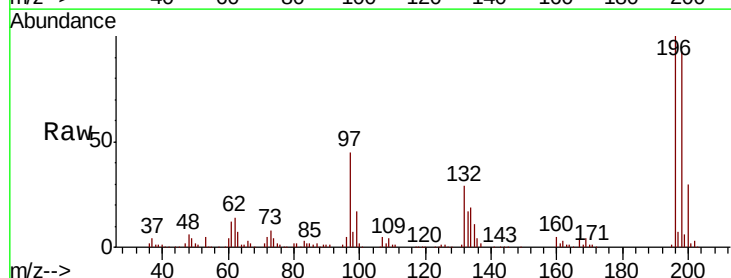
Instrument :
 BNA_F
 ClientSampleId :

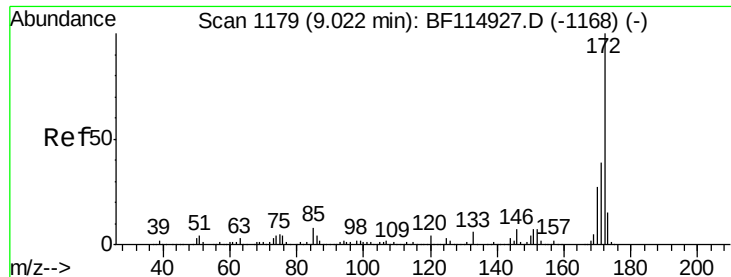
Tot Ion:196 Resp: 136083
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.8 112.2
 200 29.8 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 11.019 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion:196 Resp: 141456
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.6 113.4
 97 45.0 38.6 57.8
 132 28.6 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 30.297 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

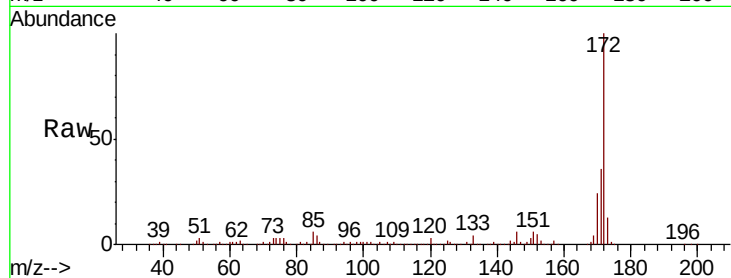
Tot Ion:172 Resp: 919967

Ion Ratio Lower Upper

172 100

171 36.3 31.3 46.9

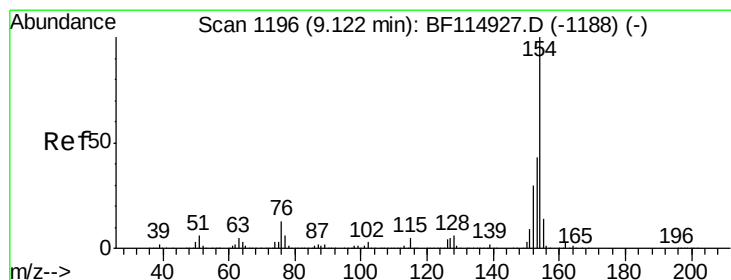
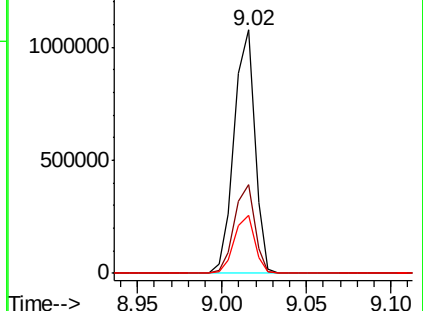
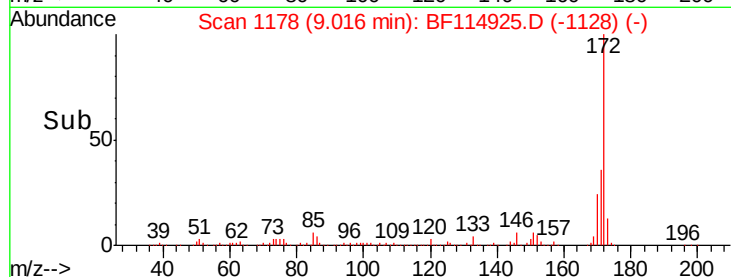
170 23.8 21.4 32.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 12.994 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

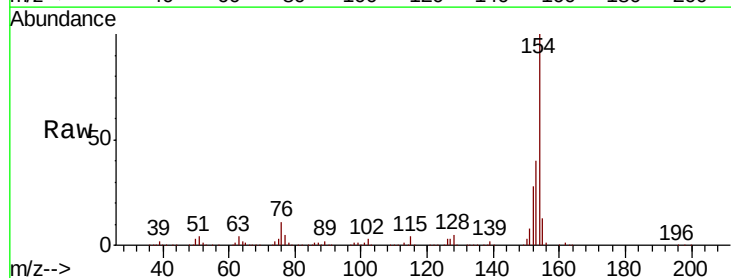
Tgt Ion:154 Resp: 547811

Ion Ratio Lower Upper

154 100

153 39.9 22.8 62.8

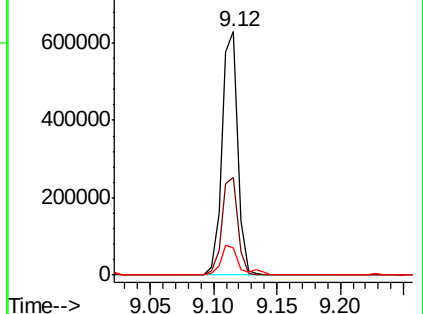
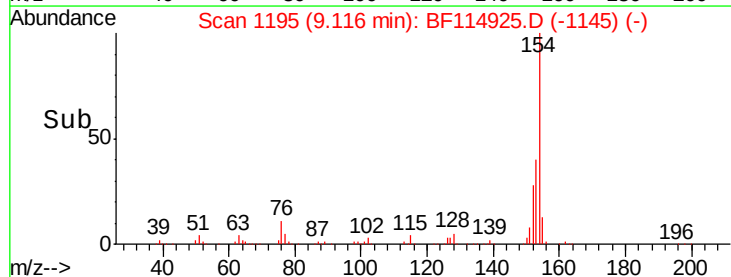
76 11.0 0.0 33.0

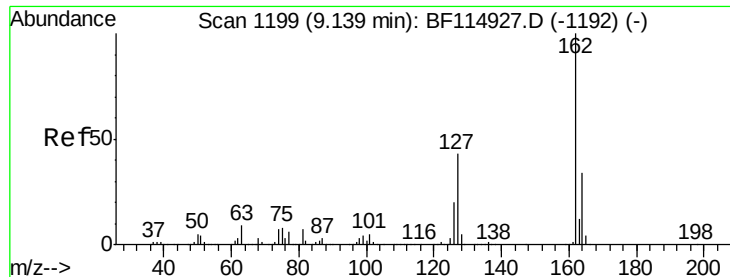


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

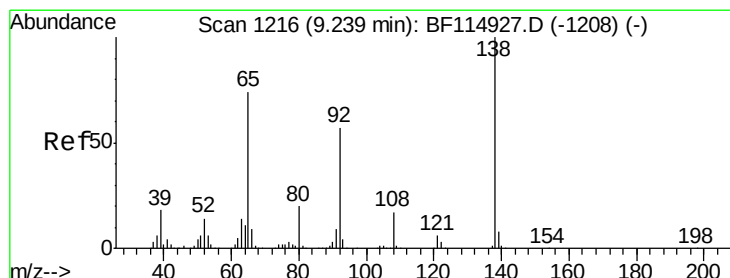
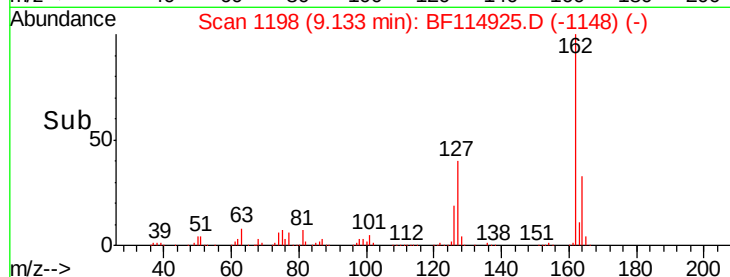
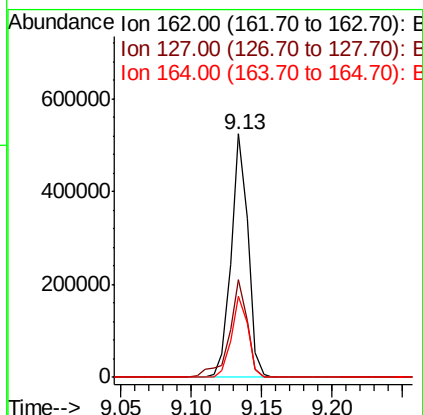
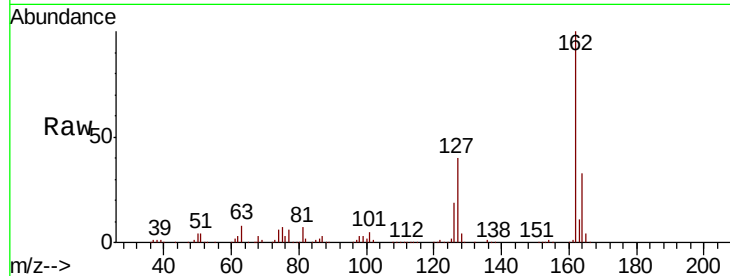




#47
 2-Chloronaphthalene
 Concen: 12.140 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

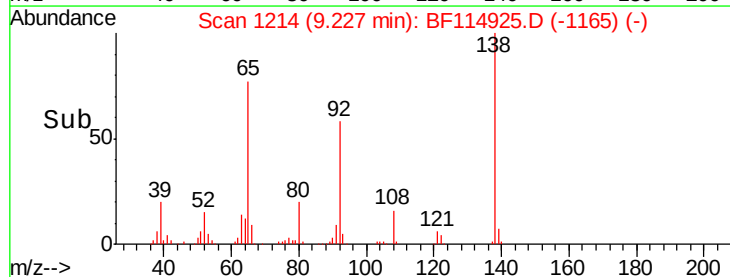
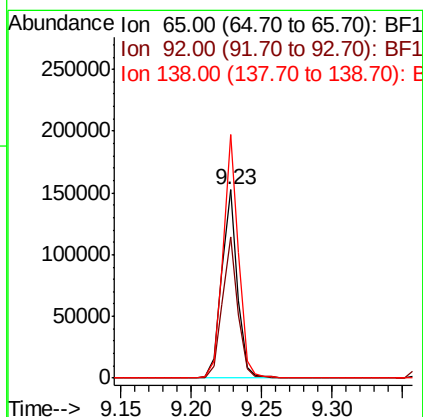
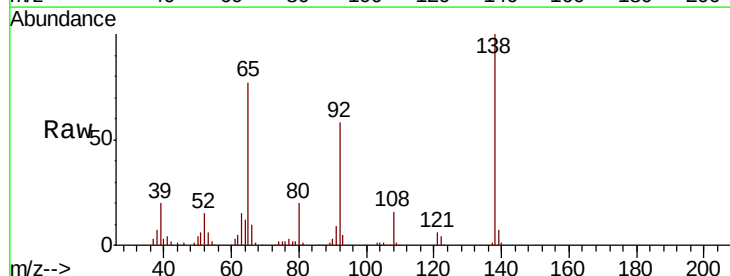
Instrument :
 BNA_F
 ClientSampleId :

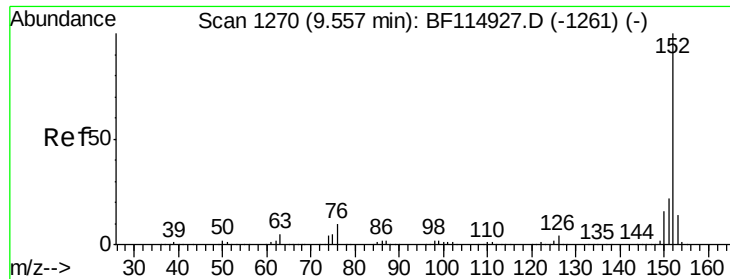
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.6	51.8
164	33.1	27.5	41.3



#48
 2-Nitroaniline
 Concen: 11.027 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	61.9	92.9
138	129.3	108.6	162.8





#49

Acenaphthylene

Concen: 13.094 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

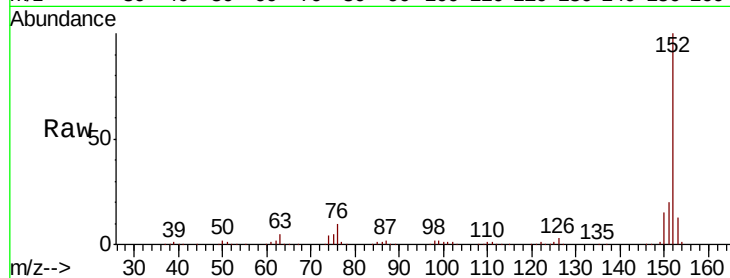
Tot Ion:152 Resp: 680227

Ion Ratio Lower Upper

152 100

151 20.3 17.6 26.4

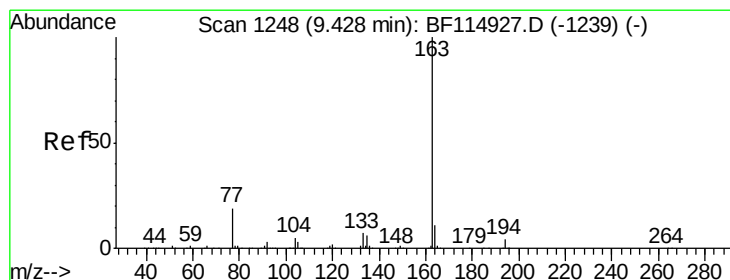
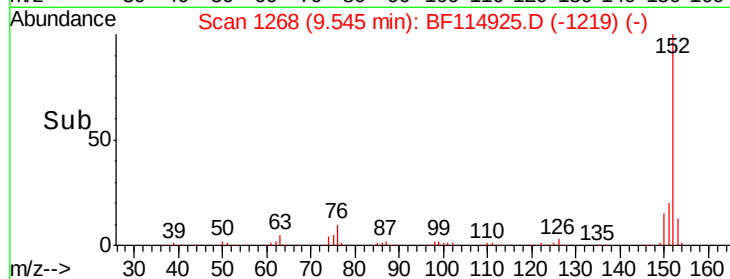
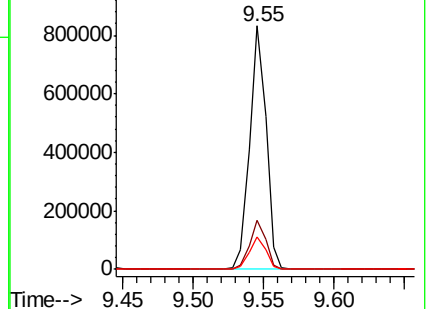
153 13.2 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.995 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

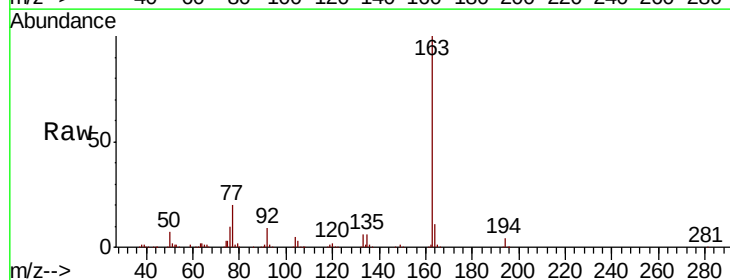
Tgt Ion:163 Resp: 498310

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

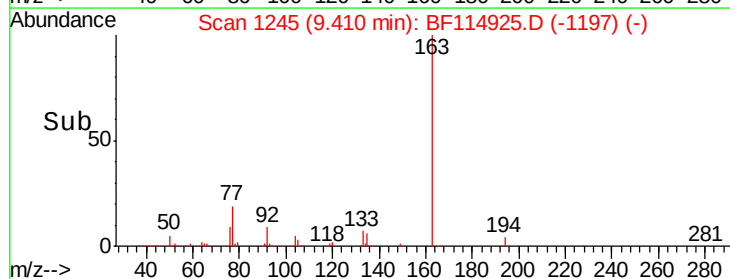
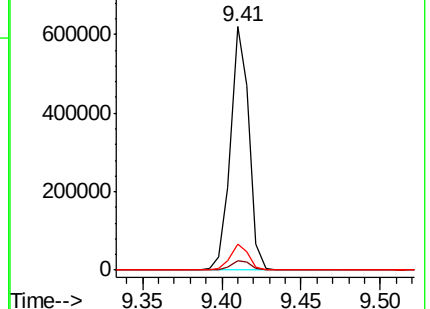
164 10.6 8.7 13.1

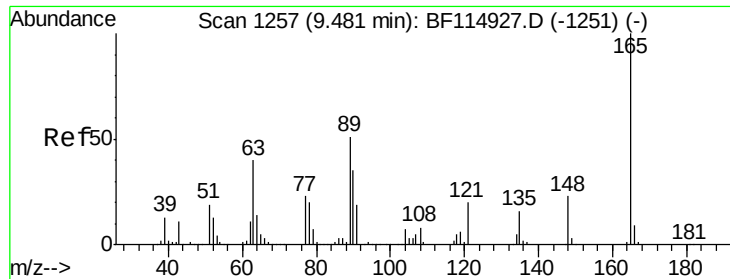


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 11.113 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114925.D

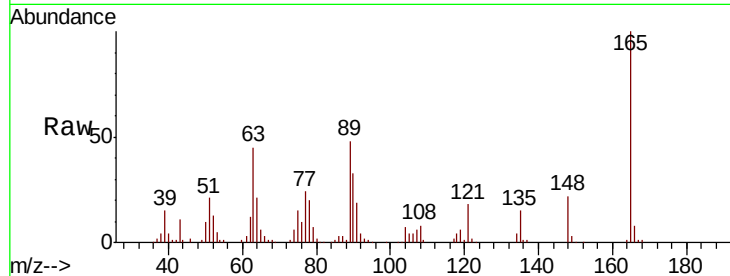
Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

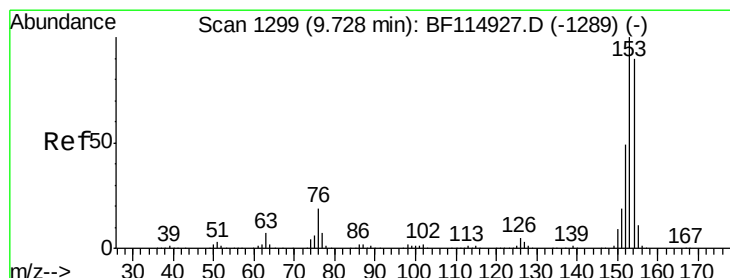
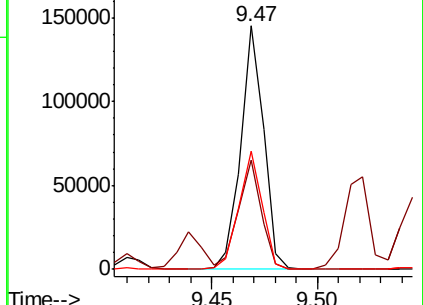
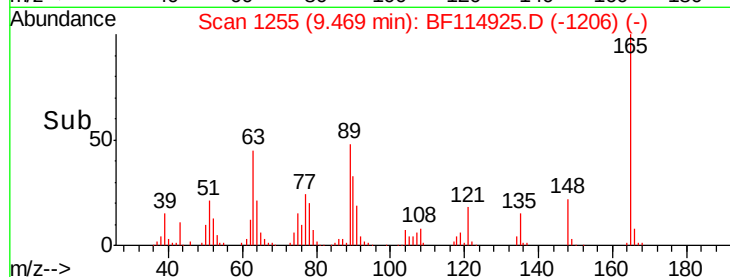
Tot Ion:165	Resp:	108577
Ion Ratio	Lower	Upper
165	100	
63	45.0	38.3 57.5
89	48.5	40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 11.877 ng

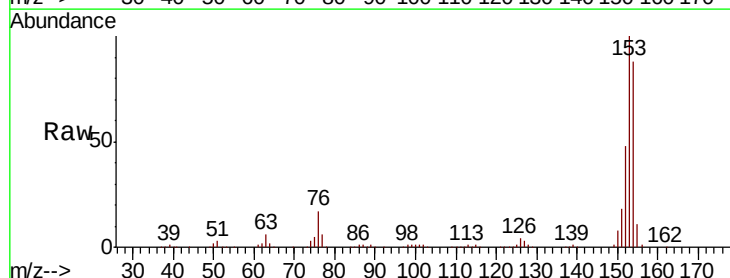
RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

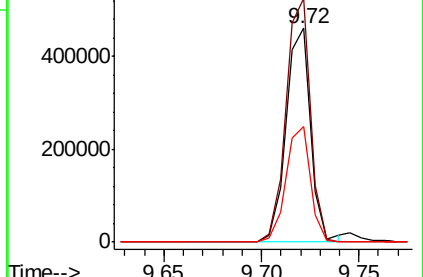
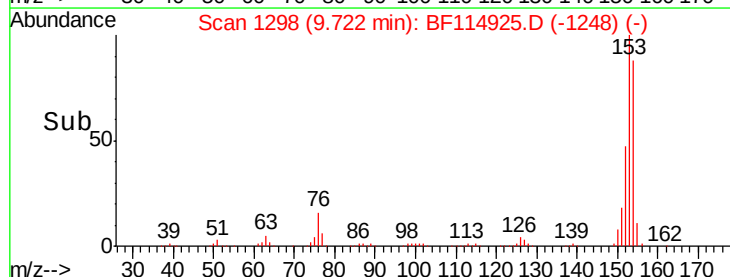
Tgt Ion:154	Resp:	404178
Ion Ratio	Lower	Upper
154	100	
153	113.7	89.1 133.7
152	54.1	43.8 65.6

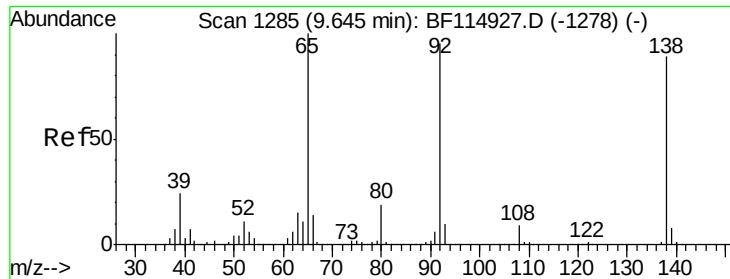


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

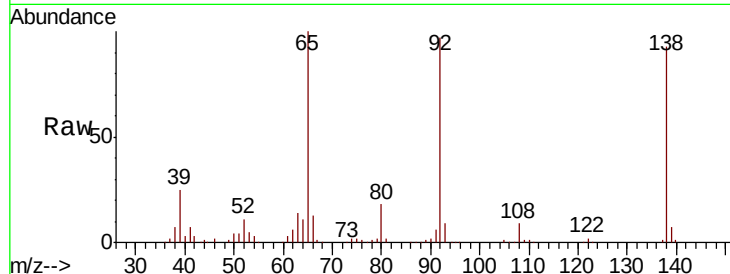




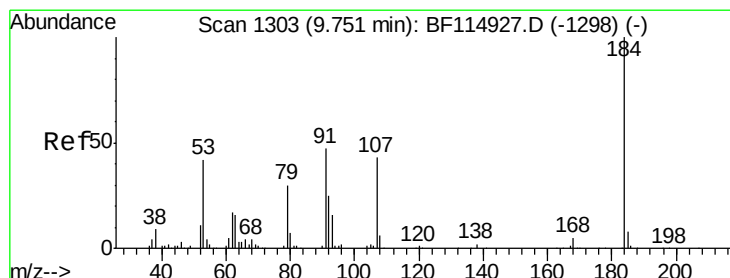
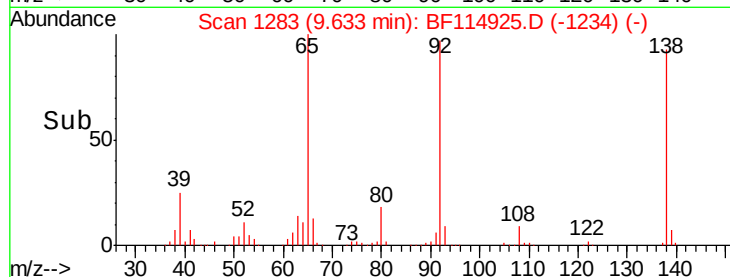
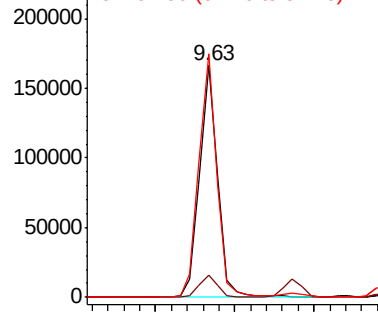
#53
3-Nitroaniline
Concen: 11.439 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 130561
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 105.0 85.0 127.6

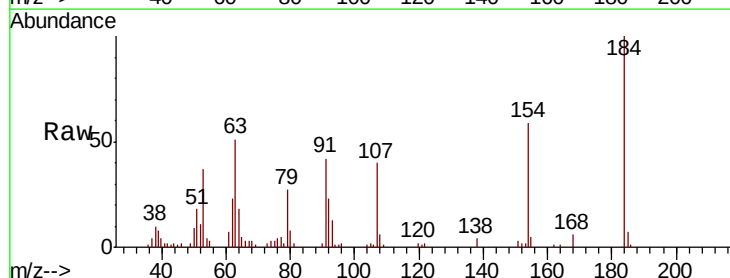


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

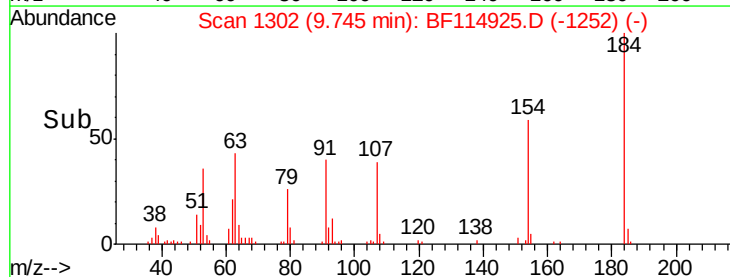
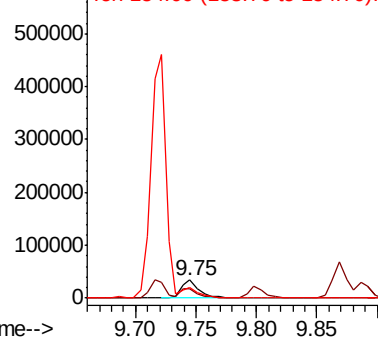


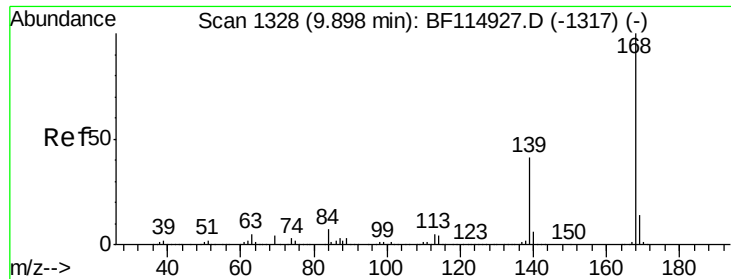
#54
2,4-Dinitrophenol
Concen: 8.267 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:184 Resp: 36549
Ion Ratio Lower Upper
184 100
63 51.4 47.4 71.0
154 58.5 48.6 73.0



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: 12.767 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

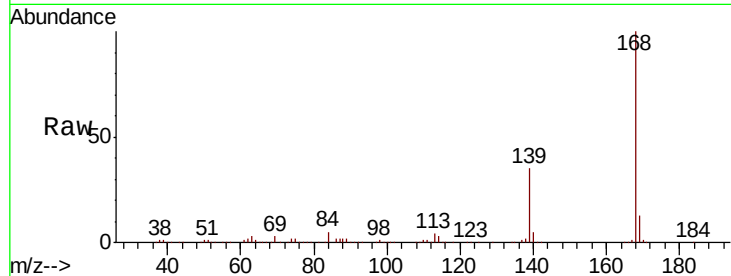
Tot Ion:168 Resp: 604155

Ion Ratio Lower Upper

168 100

139 35.1 33.0 49.4

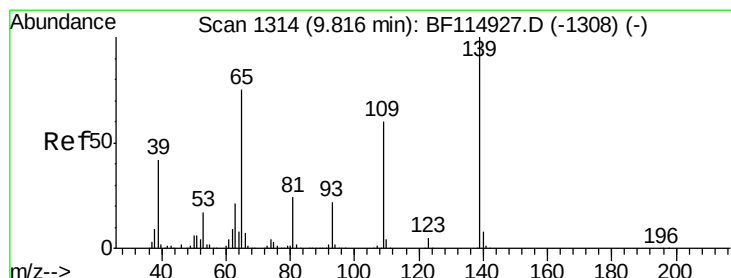
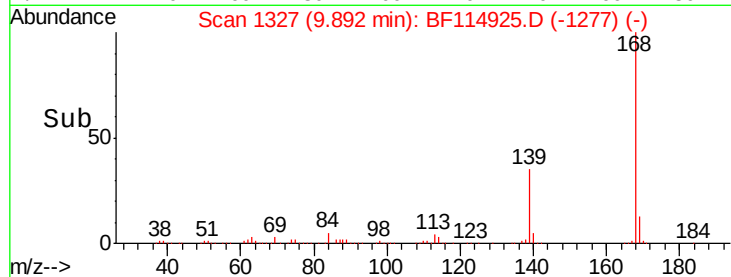
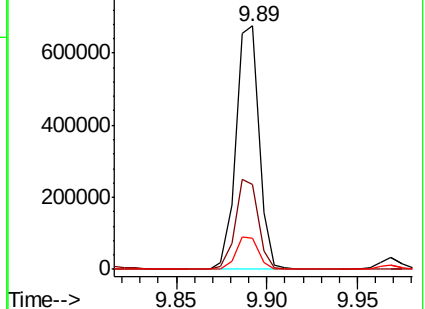
169 12.9 11.6 17.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 9.904 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

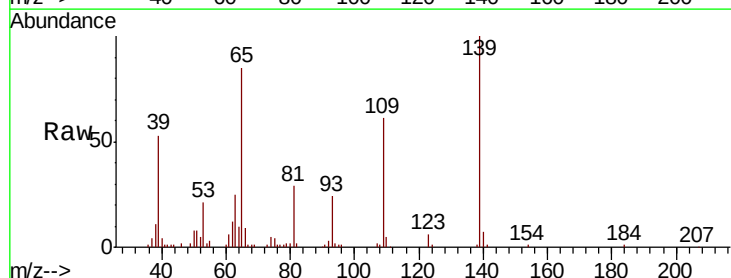
Tgt Ion:139 Resp: 82833

Ion Ratio Lower Upper

139 100

109 60.7 40.0 80.0

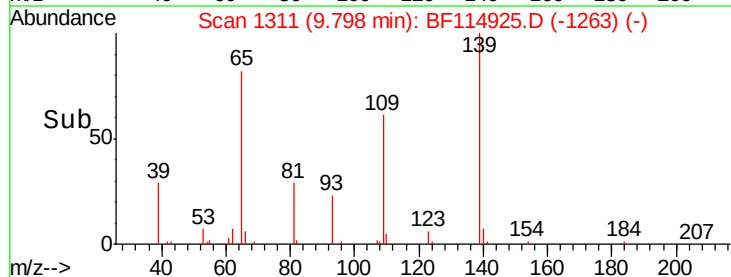
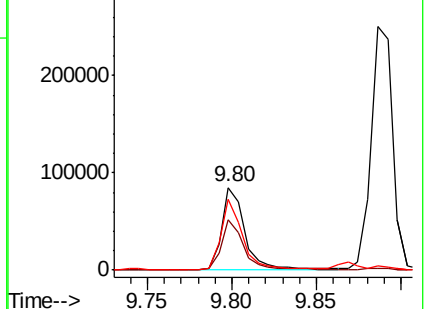
65 85.5 55.0 95.0

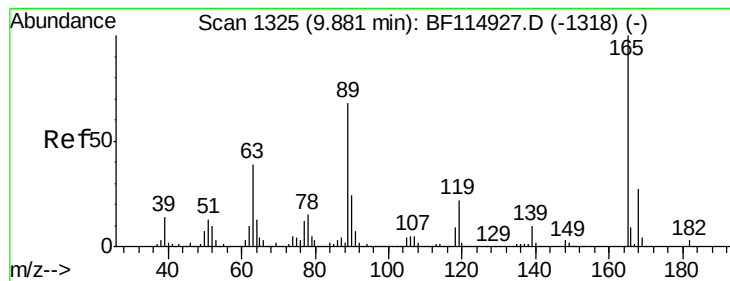


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 11.612 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 142620

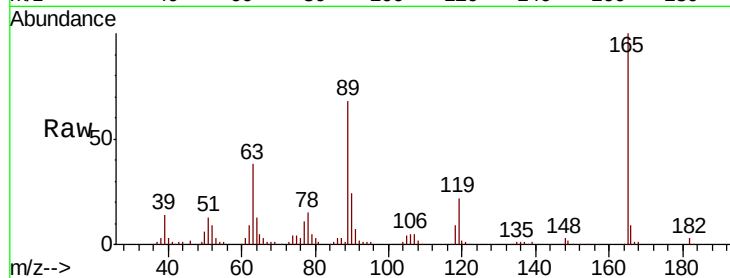
Ion Ratio Lower Upper

165 100

63 38.1 31.8 47.6

89 67.7 54.2 81.2

182 2.7 2.1 3.1

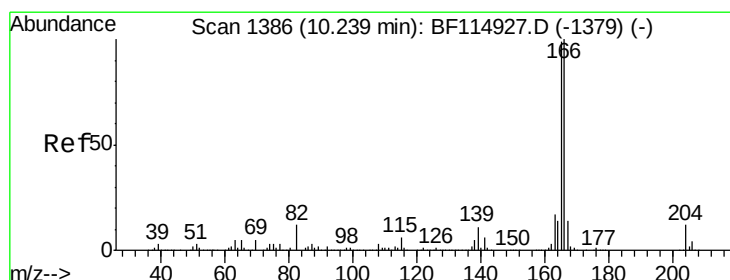
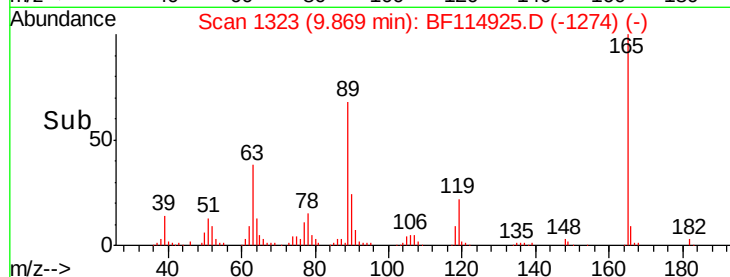
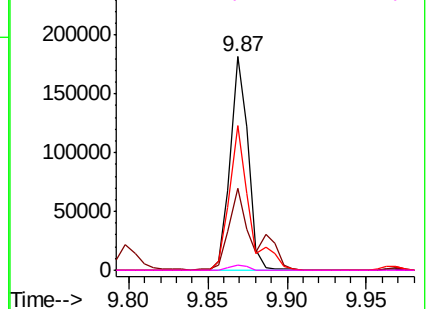


Abundance Ion 165.00 (164.70 to 165.70): E

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: 13.653 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

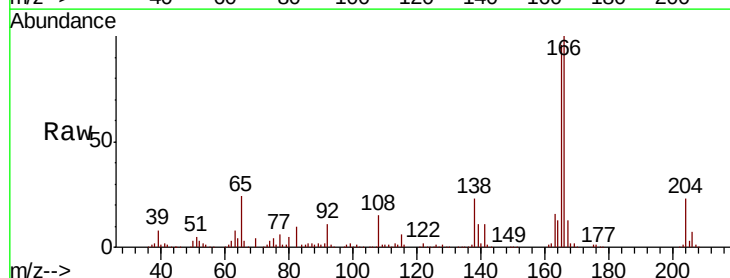
Tgt Ion:166 Resp: 463395

Ion Ratio Lower Upper

166 100

165 96.1 79.2 118.8

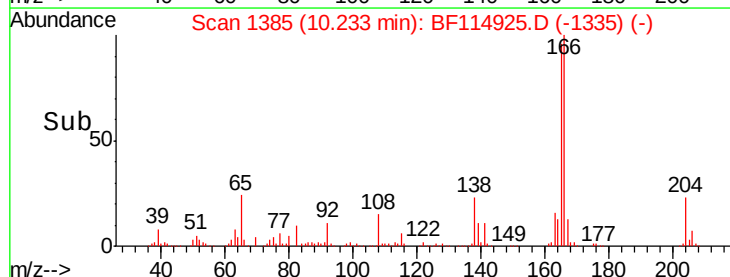
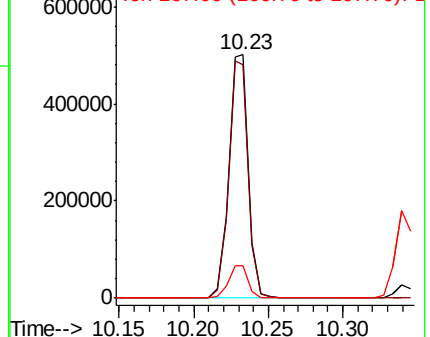
167 13.2 11.0 16.6

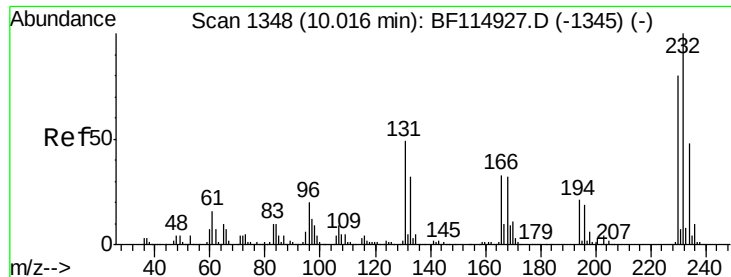


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

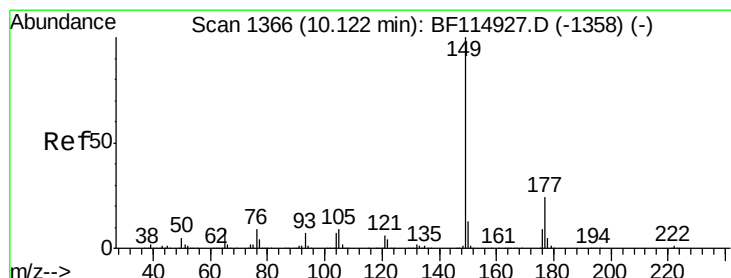
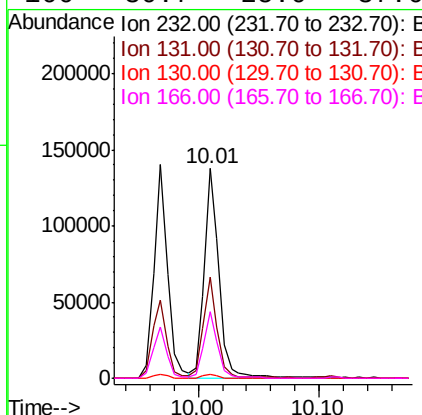
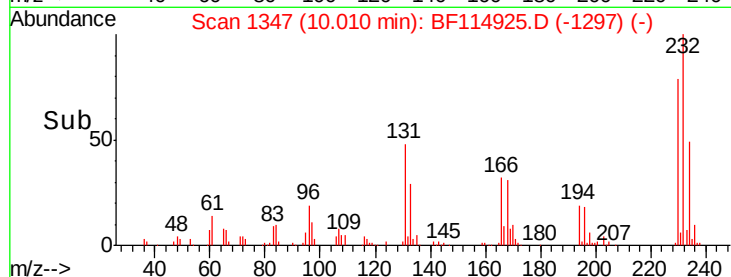
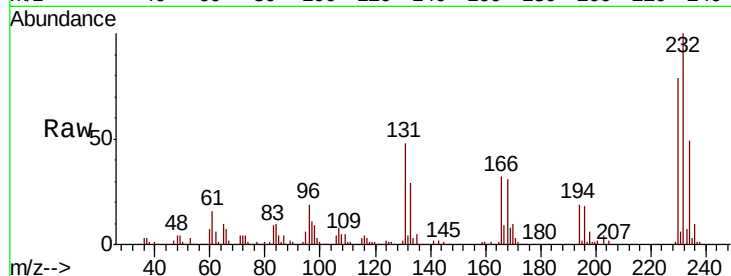




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.086 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

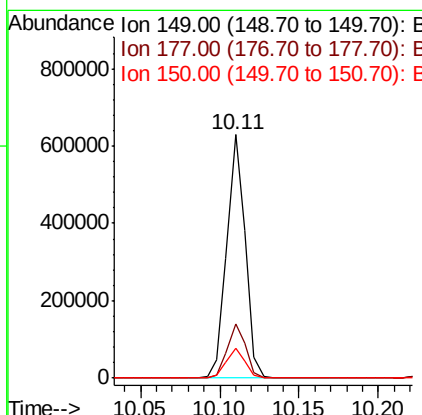
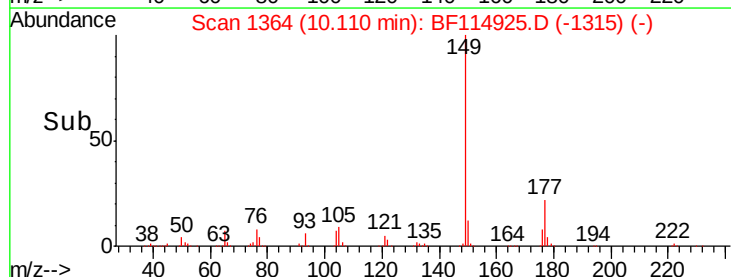
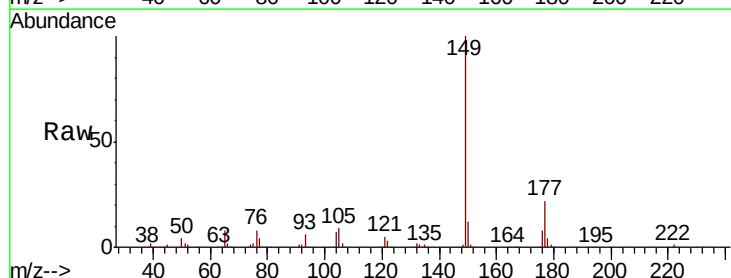
Instrument :
BNA_F
ClientSampleId :

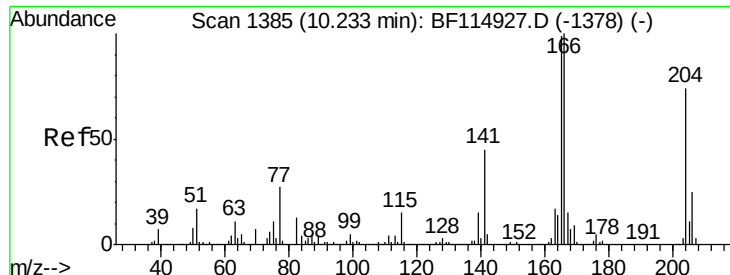
Tot Ion:232 Resp: 116593
Ion Ratio Lower Upper
232 100
131 45.8 37.0 55.4
130 1.9 1.8 2.6
166 30.7 25.0 37.6



#60
Diethylphthalate
Concen: 12.088 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:149 Resp: 503938
Ion Ratio Lower Upper
149 100
177 22.3 19.1 28.7
150 12.1 10.6 16.0

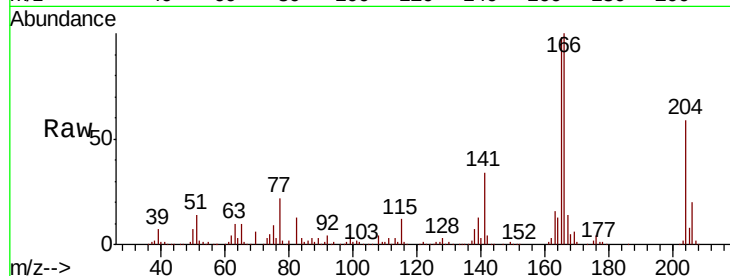




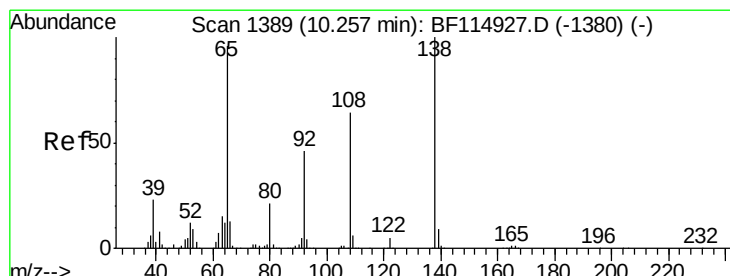
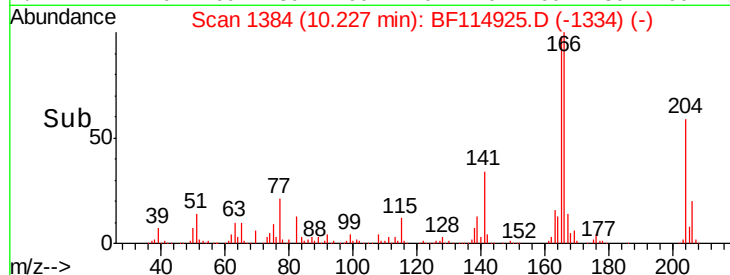
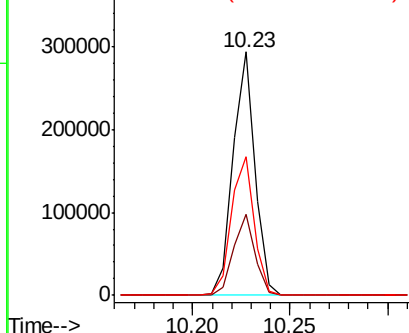
#61
 4-Chlorophenyl-phenylether
 Concen: 12.624 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	56.8	48.5	72.7

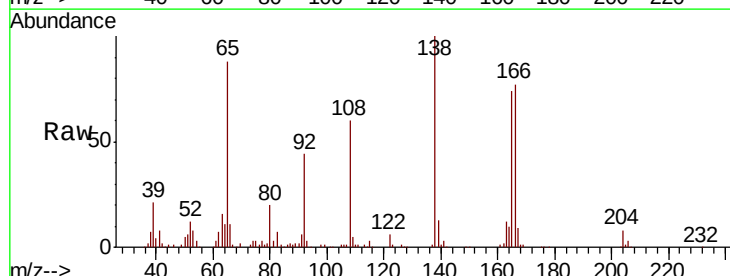


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

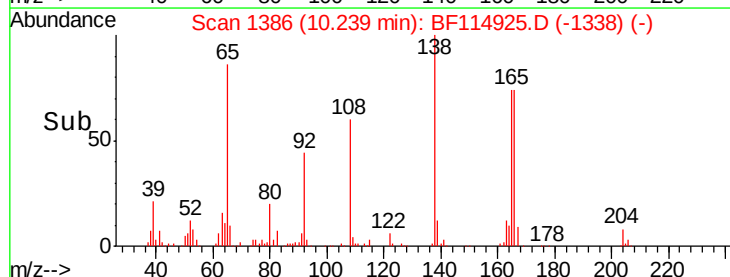
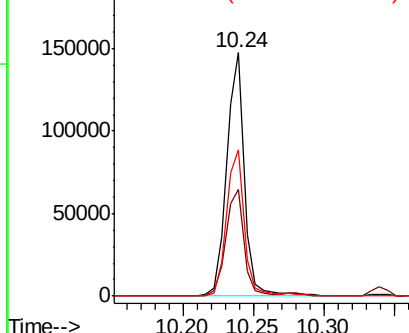


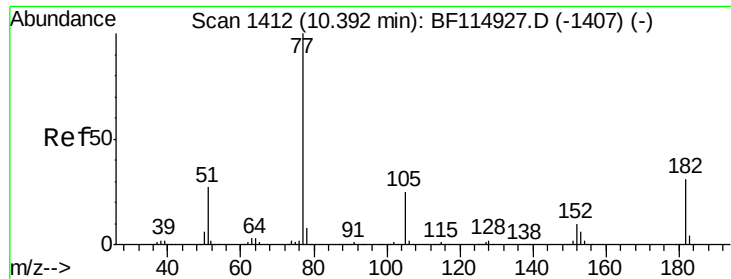
#62
 4-Nitroaniline
 Concen: 11.633 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.02 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.8	26.0	66.0
108	60.1	44.0	84.0



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





#63

Azobenzene

Concen: 12.288 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 436043

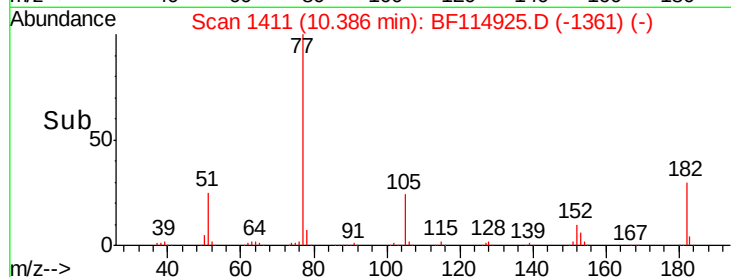
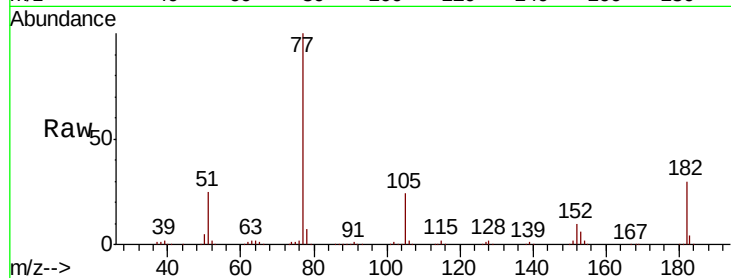
Ion Ratio Lower Upper

77 100

182 29.9 10.8 50.8

105 23.8 5.3 45.3

51 24.6 6.8 46.8

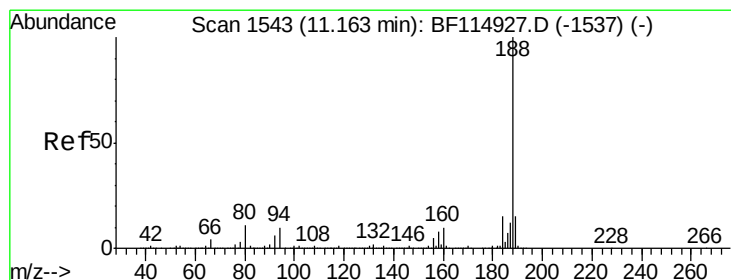
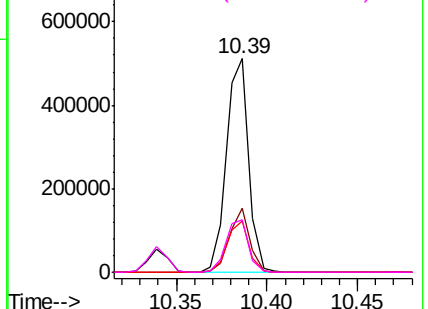


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

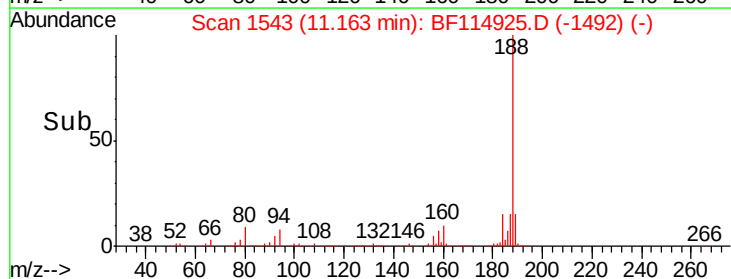
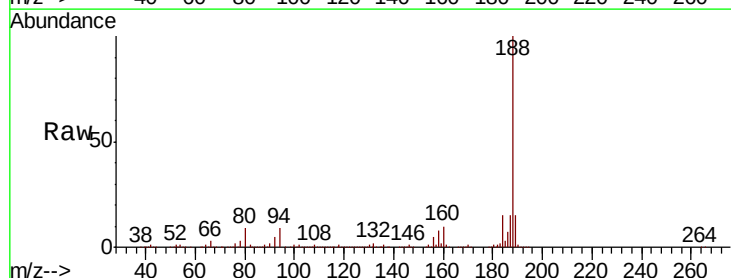
Tgt Ion: 188 Resp: 1123927

Ion Ratio Lower Upper

188 100

94 9.0 8.1 12.1

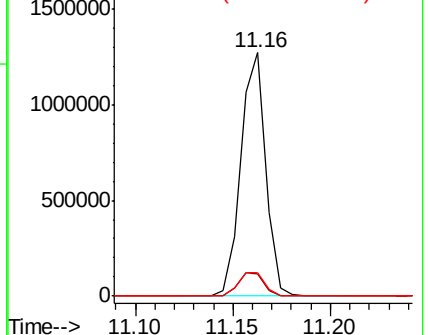
80 9.5 8.6 12.8

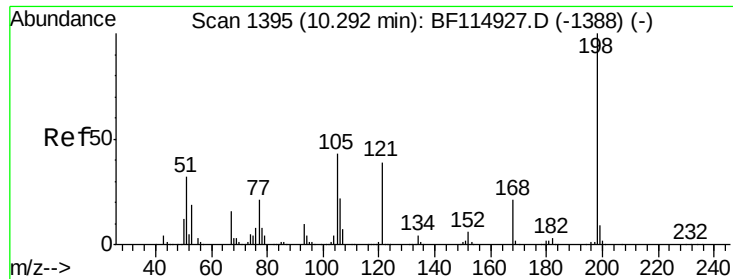


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

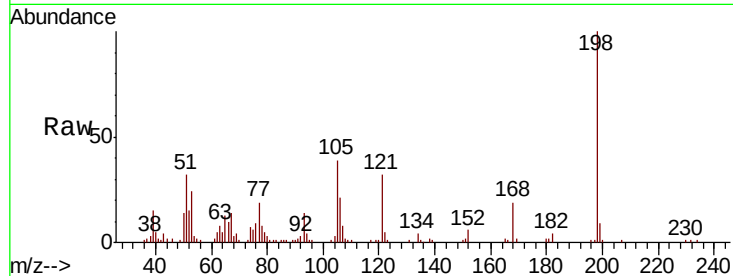




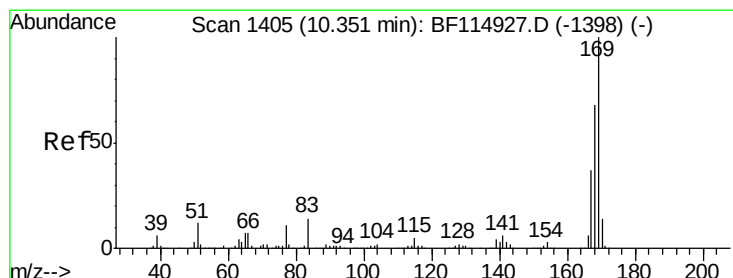
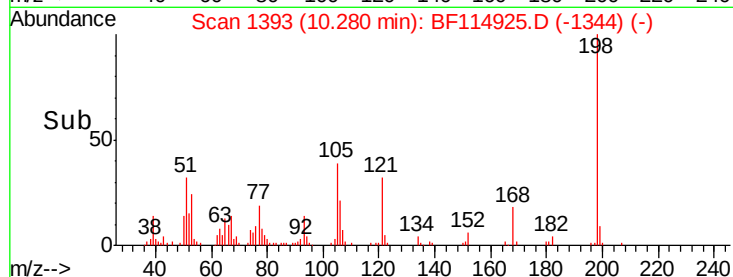
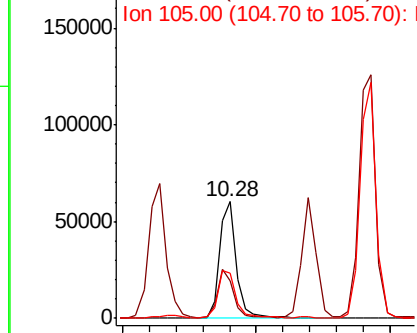
#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.288 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 54224
 Ion Ratio Lower Upper
 198 100
 51 32.5 16.8 56.8
 105 38.7 23.5 63.5

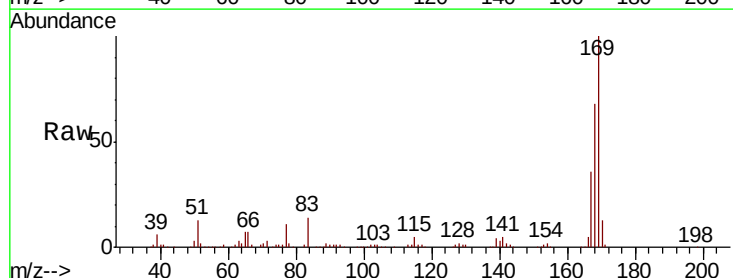


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

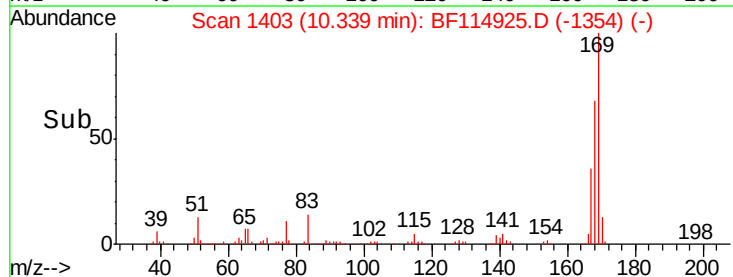
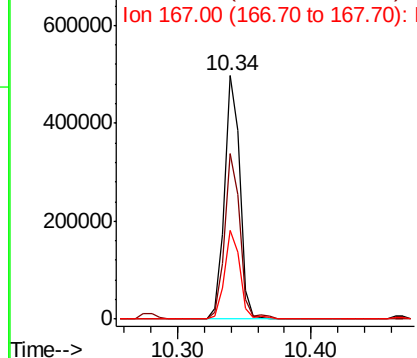


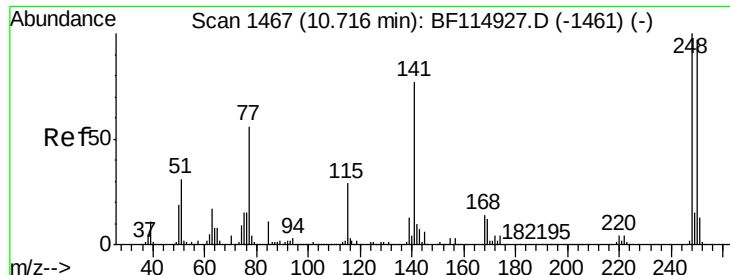
#66
 n-Nitrosodiphenylamine
 Concen: 11.939 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion:169 Resp: 405752
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.2 81.2
 167 36.4 29.4 44.2



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

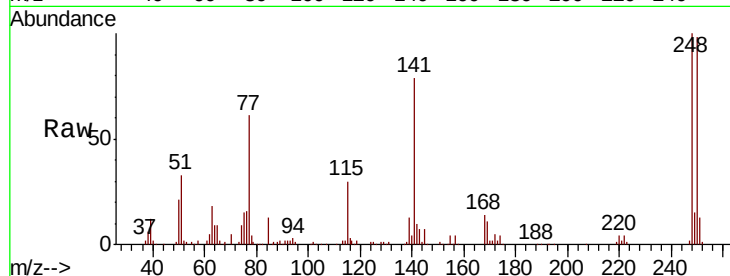




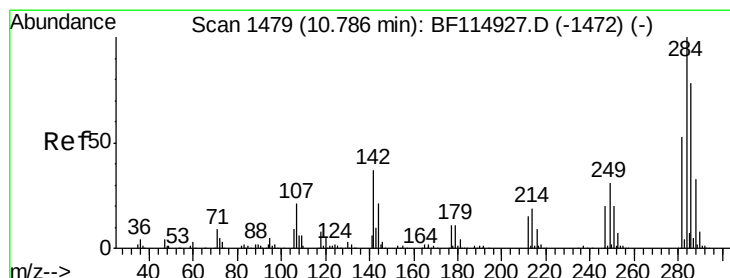
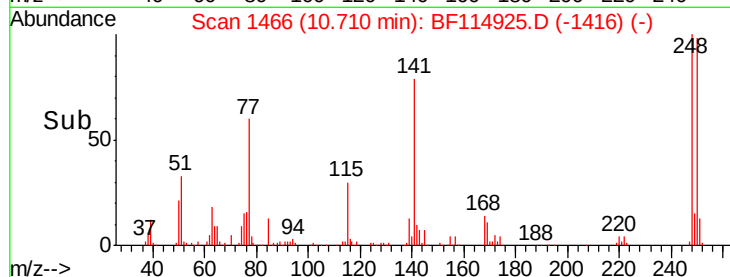
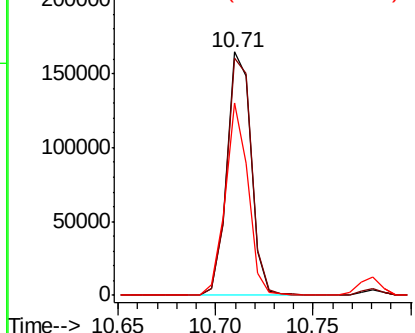
#67
 4-Bromophenyl-phenylether
 Concen: 11.128 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 142052
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.4 116.0
 141 78.9 61.8 92.6

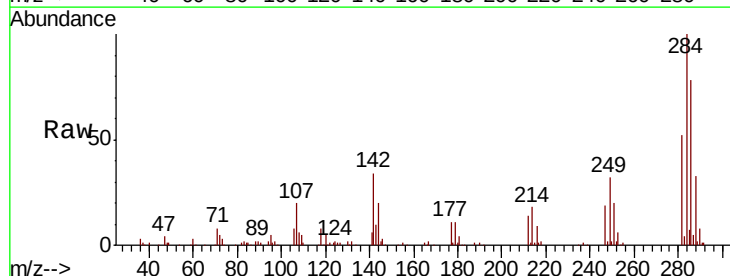


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

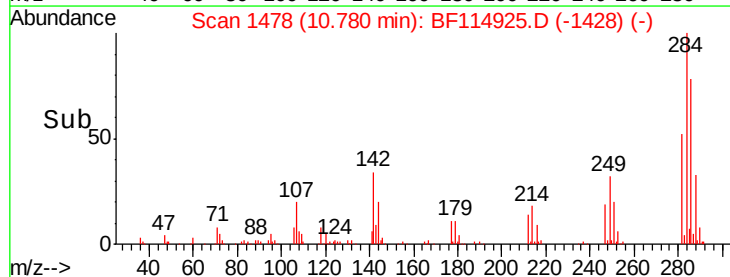
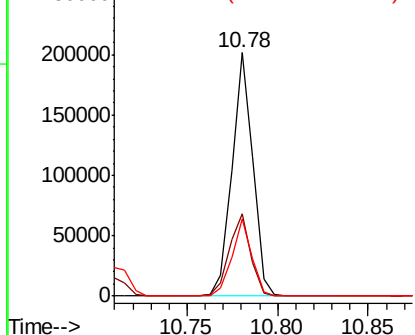


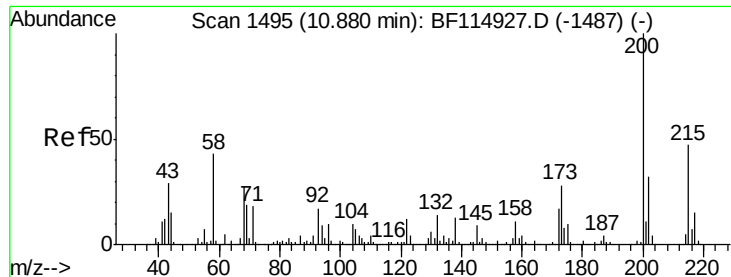
#68
 Hexachlorobenzene
 Concen: 11.537 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion:284 Resp: 161175
 Ion Ratio Lower Upper
 284 100
 142 33.8 29.3 43.9
 249 31.5 25.1 37.7



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





#69

Atrazine

Concen: 11.521 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

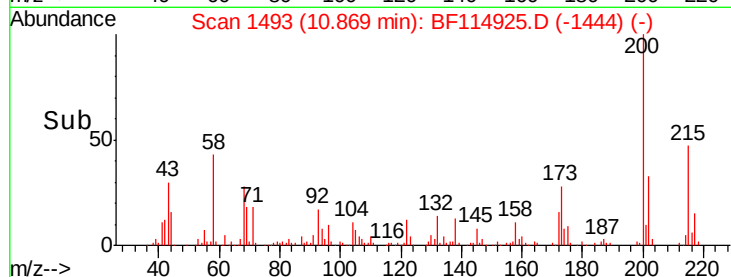
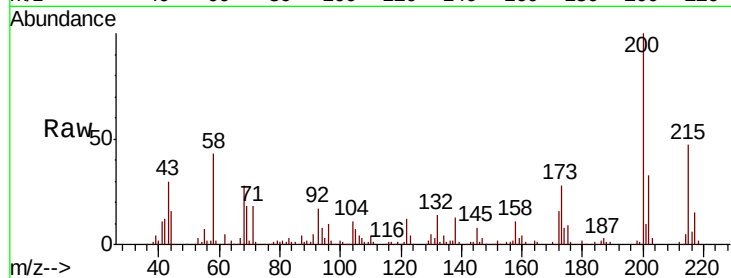
Tot Ion:200 Resp: 136171

Ion Ratio Lower Upper

200 100

173 28.1 8.3 48.3

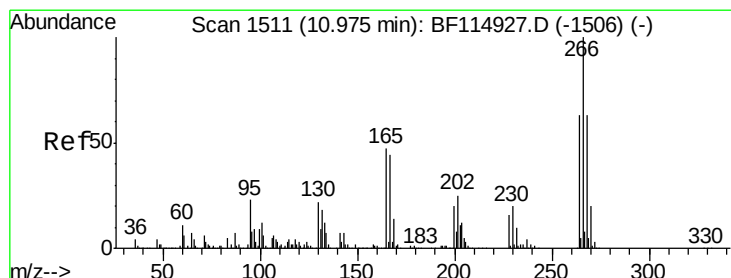
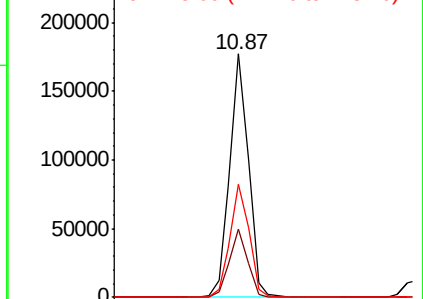
215 46.5 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 8.727 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

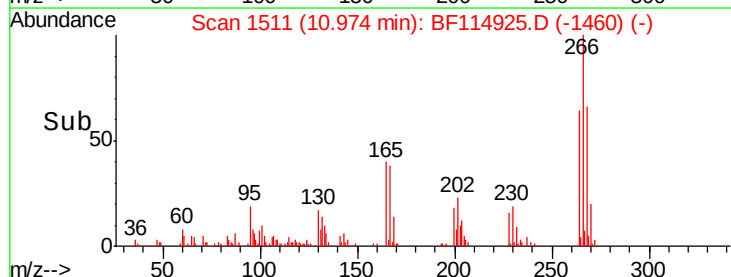
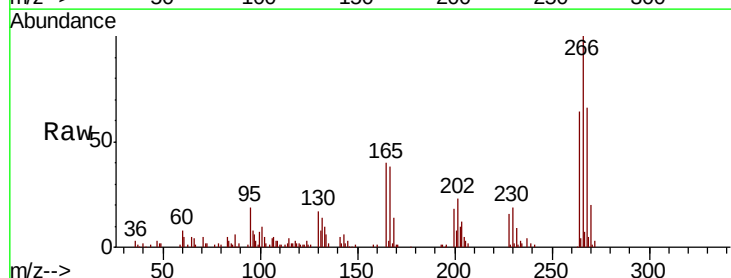
Tgt Ion:266 Resp: 70482

Ion Ratio Lower Upper

266 100

268 66.1 50.8 76.2

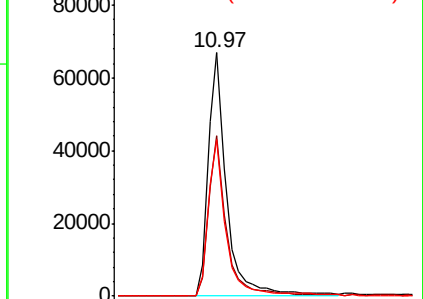
264 64.4 50.4 75.6

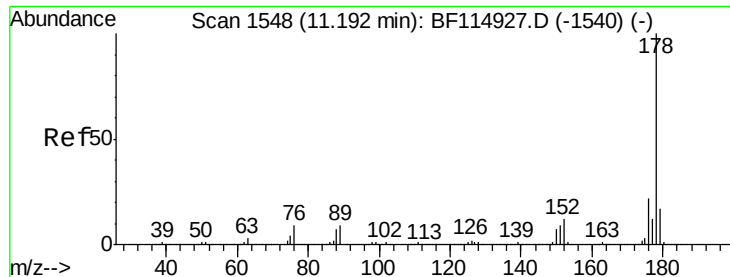


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 13.363 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

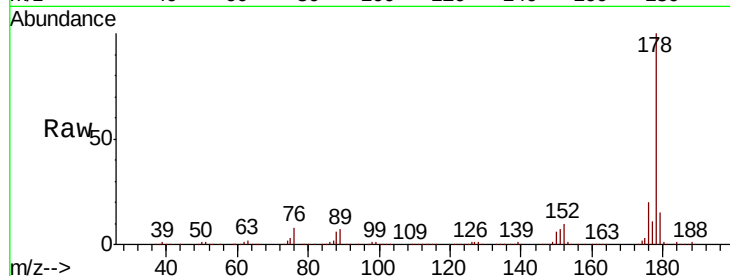
Tot Ion:178 Resp: 716994

Ion Ratio Lower Upper

178 100

176 19.7 17.4 26.2

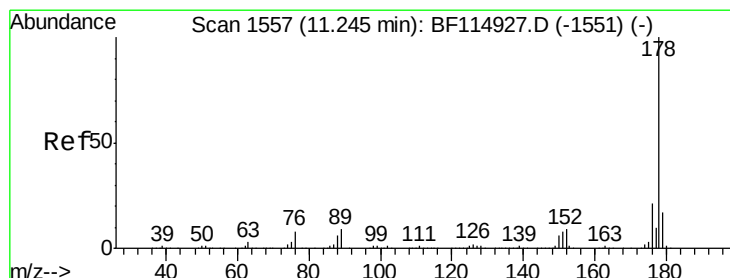
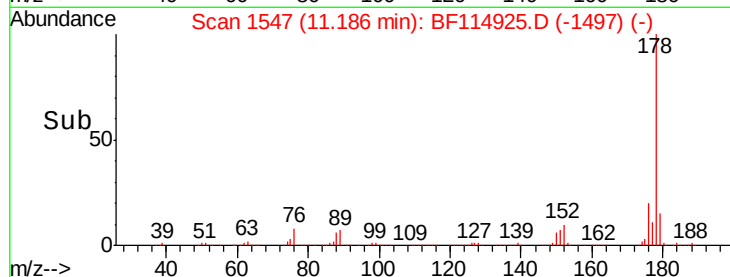
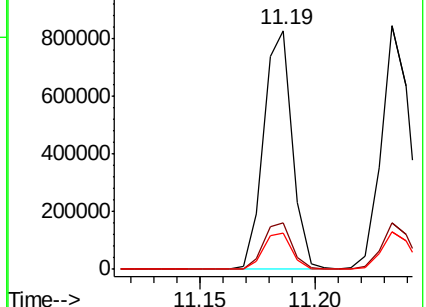
179 15.3 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 12.768 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

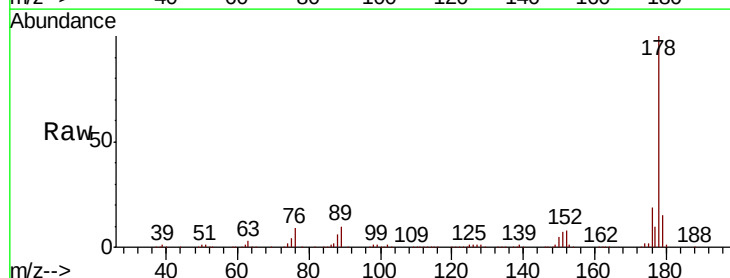
Tgt Ion:178 Resp: 720940

Ion Ratio Lower Upper

178 100

176 19.0 16.6 25.0

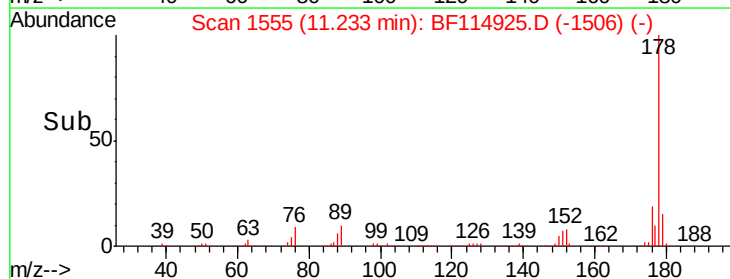
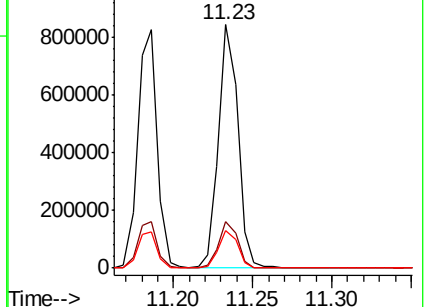
179 15.4 13.4 20.2

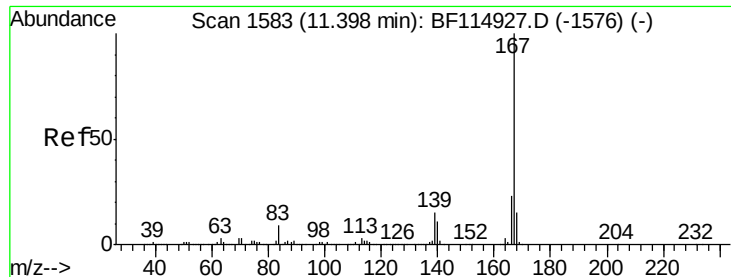


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 13.382 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

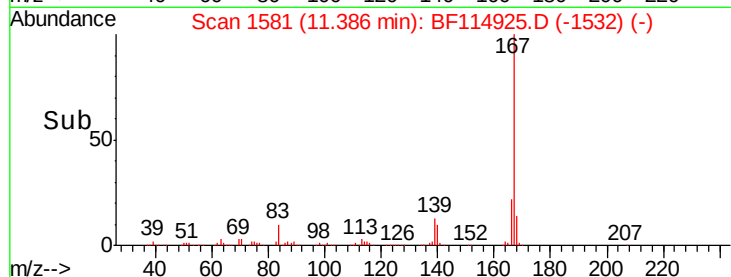
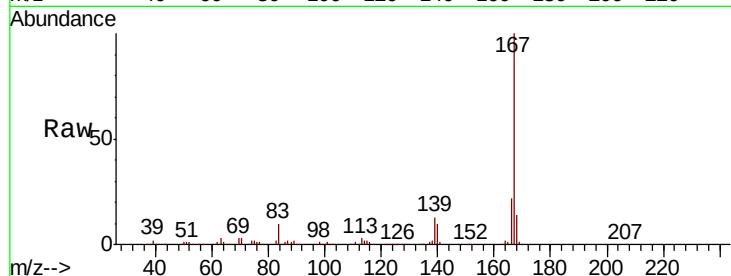
Tot Ion:167 Resp: 647785

Ion Ratio Lower Upper

167 100

166 21.7 18.8 28.2

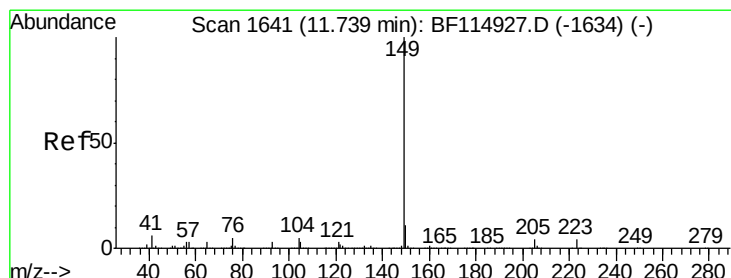
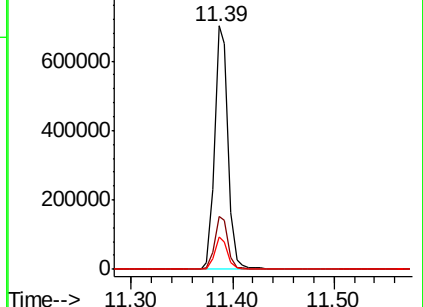
139 13.4 11.6 17.4



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: 12.807 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

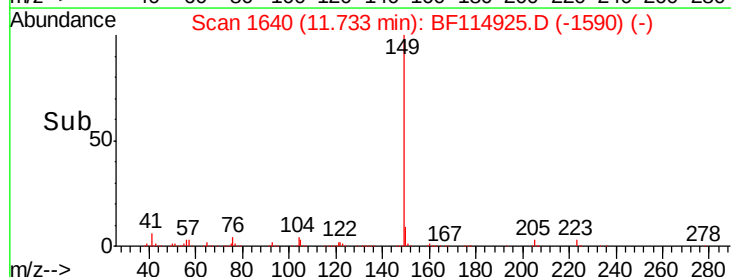
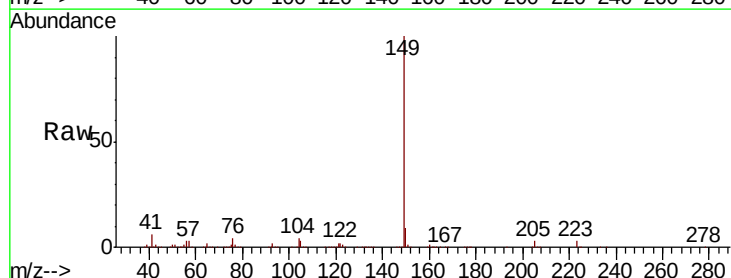
Tgt Ion:149 Resp: 815391

Ion Ratio Lower Upper

149 100

150 9.3 8.5 12.7

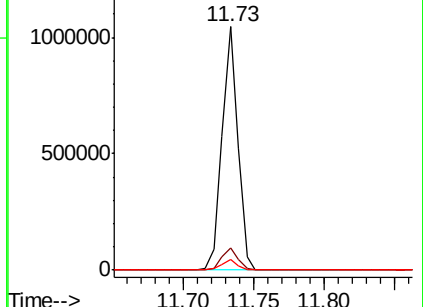
104 4.3 4.1 6.1

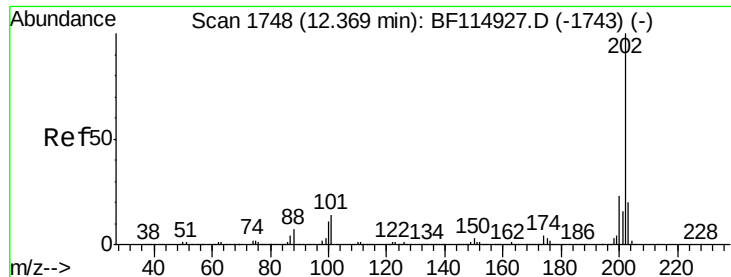


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 13.280 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

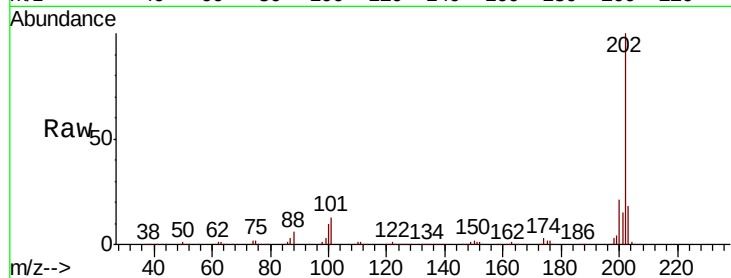
Tot Ion:202 Resp: 741595

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.3

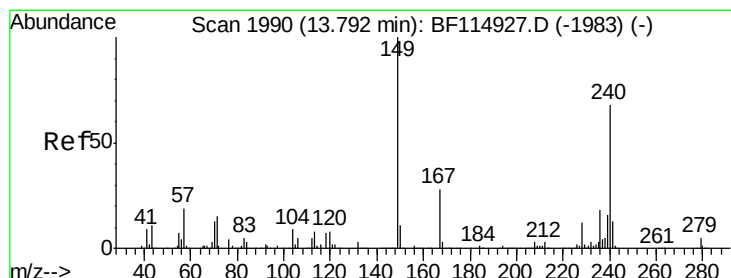
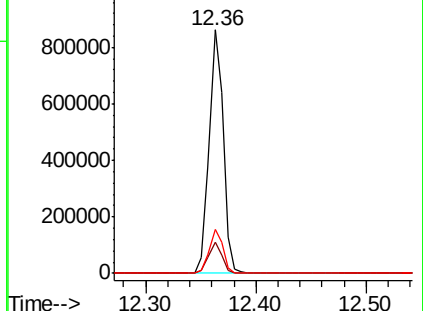
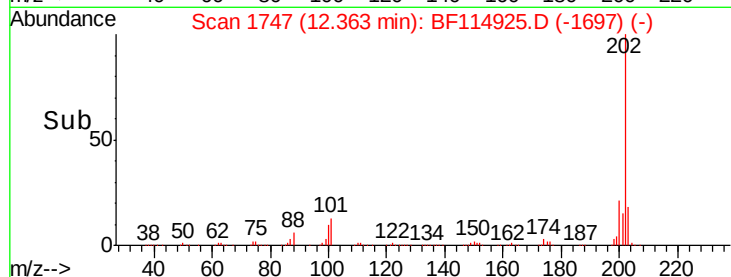
203 18.1 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

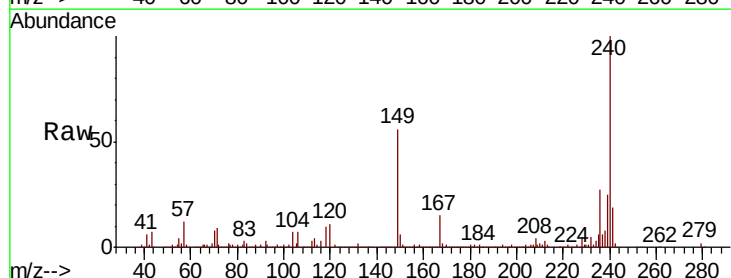
Tgt Ion:240 Resp: 841048

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

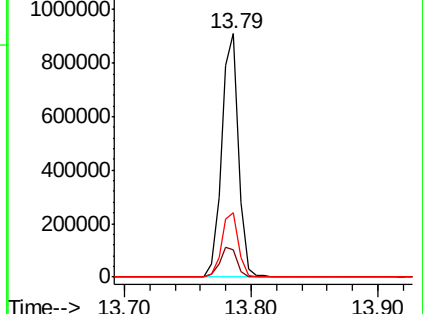
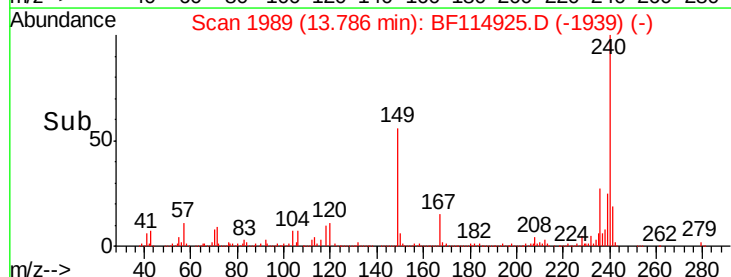
236 26.7 21.7 32.5

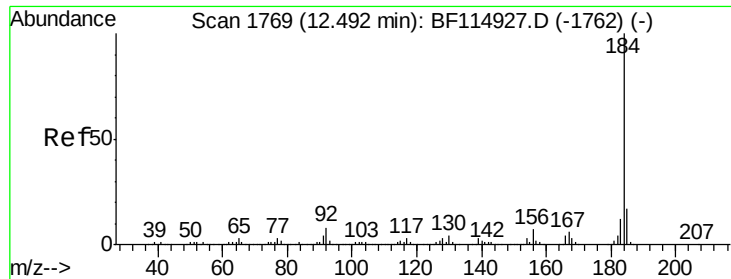


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.286 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampleId :

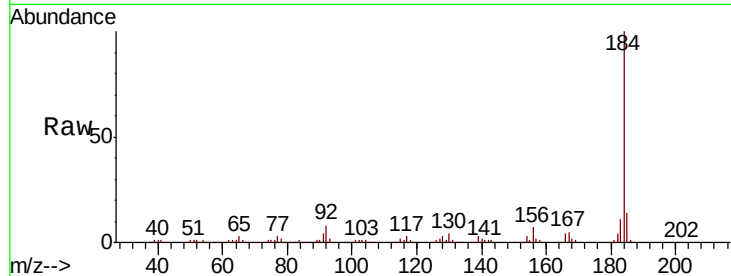
Tot Ion:184 Resp: 428263

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

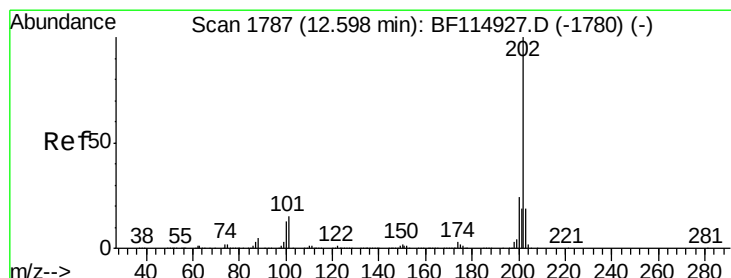
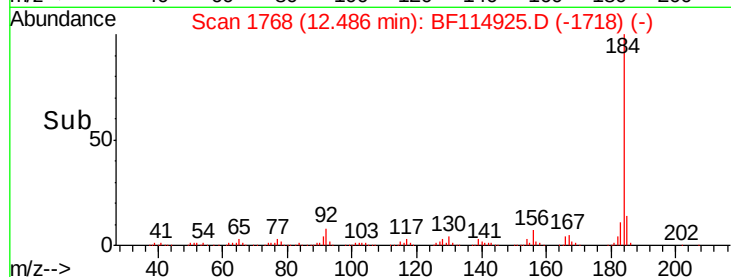
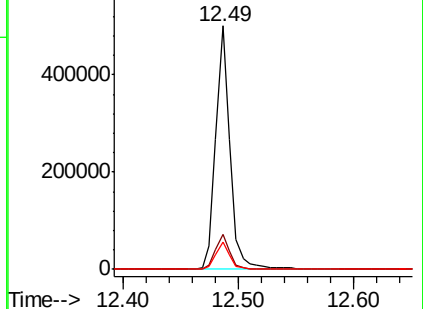
183 11.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.446 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

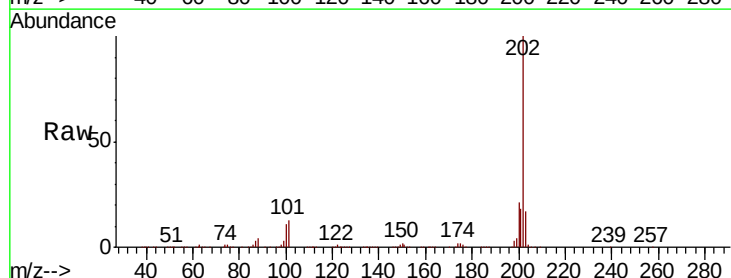
Tgt Ion:202 Resp: 762162

Ion Ratio Lower Upper

202 100

200 21.3 18.9 28.3

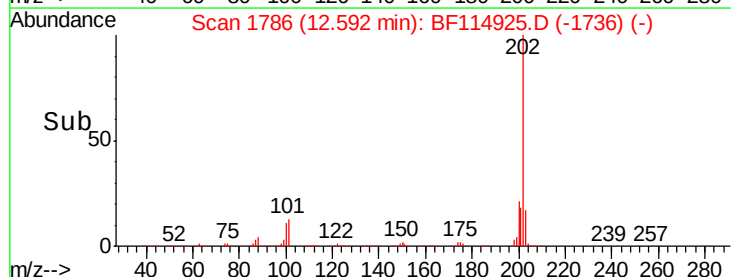
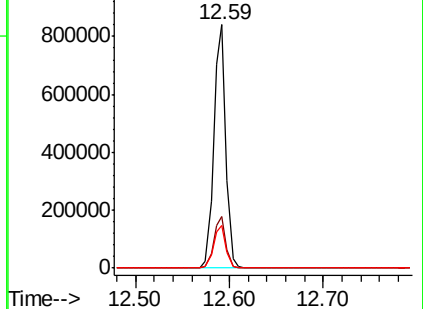
203 17.4 15.2 22.8

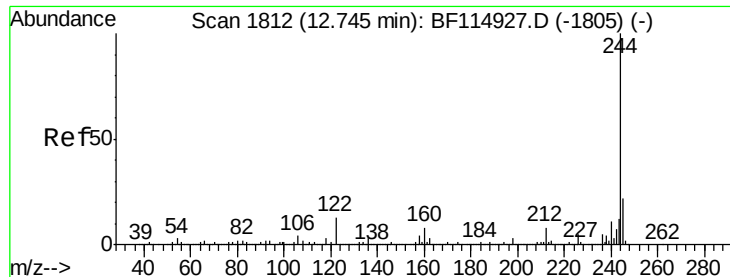


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



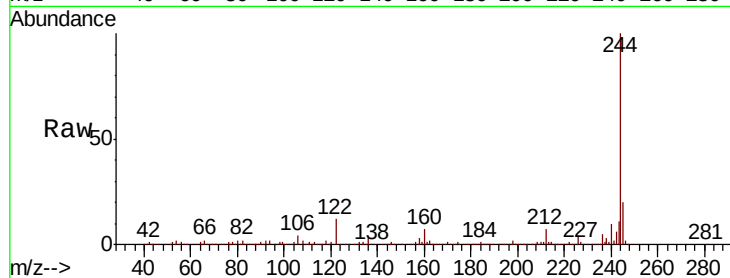


#79
 Terphenyl-d14
 Concen: 22.509 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

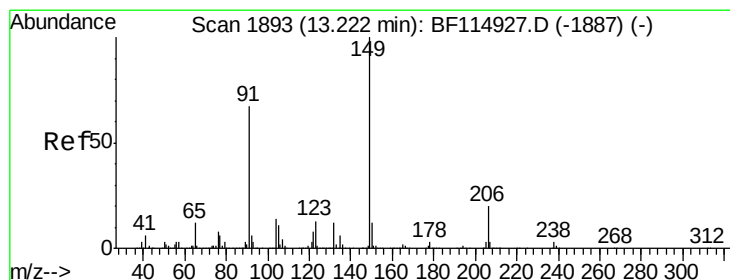
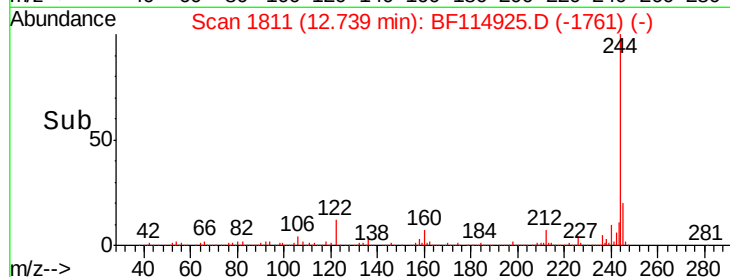
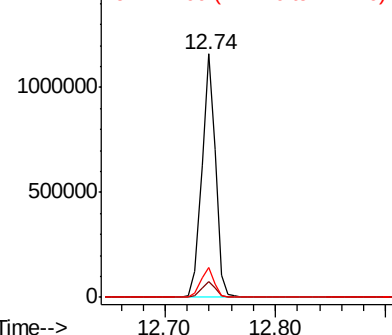
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 973460

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	12.1	10.2	15.4



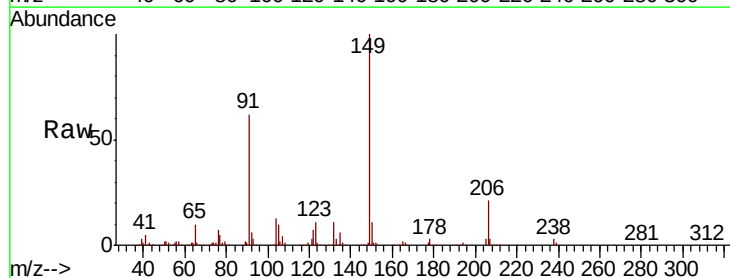
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



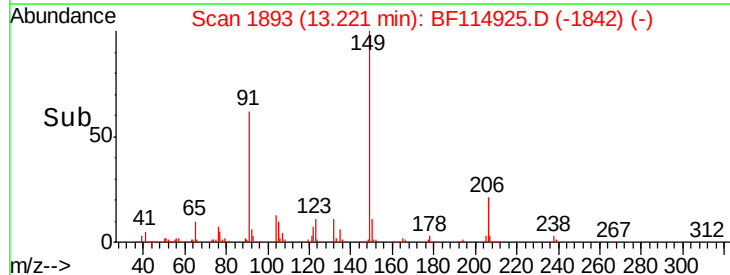
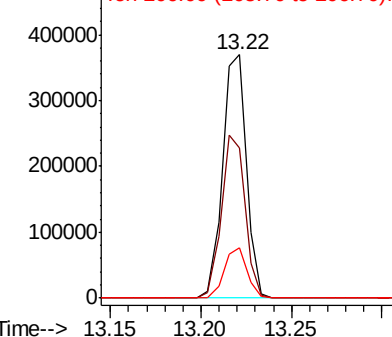
#80
 Butylbenzylphthalate
 Concen: 9.179 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

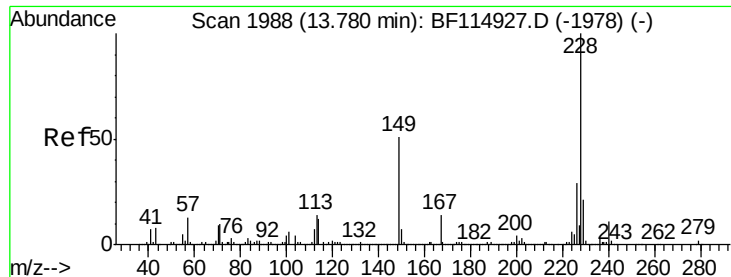
Tgt Ion:149 Resp: 338191

Ion	Ratio	Lower	Upper
149	100		
91	61.5	53.8	80.8
206	20.9	16.3	24.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.348 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114925.D

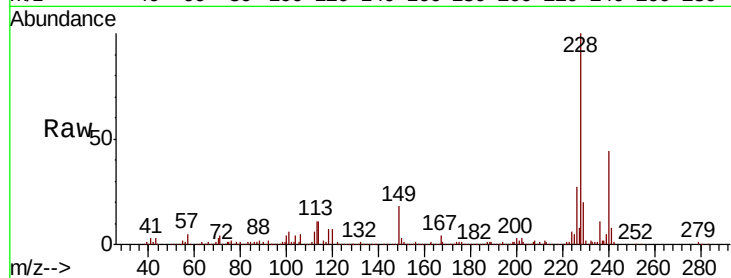
Acq: 10 Jun 2019 10:30

Instrument :

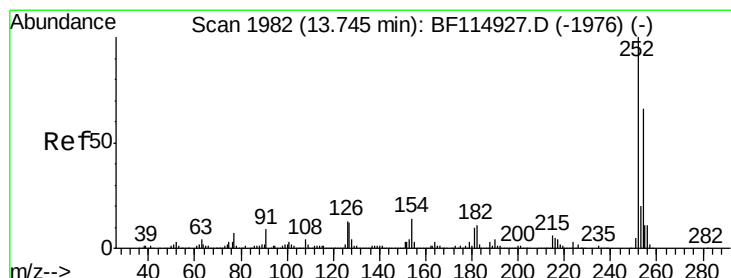
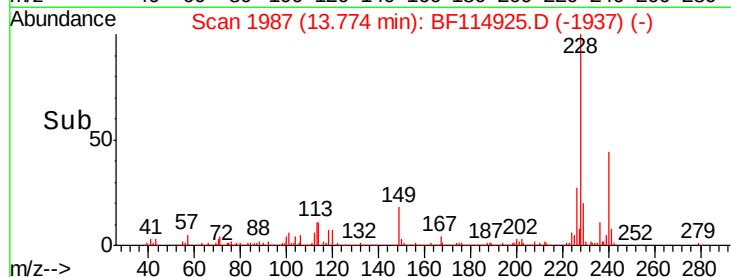
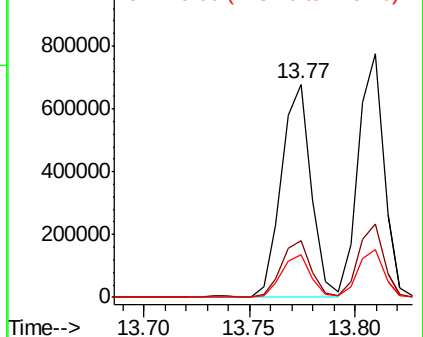
BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	670695
Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.8	34.2
229	19.9	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.069 ng

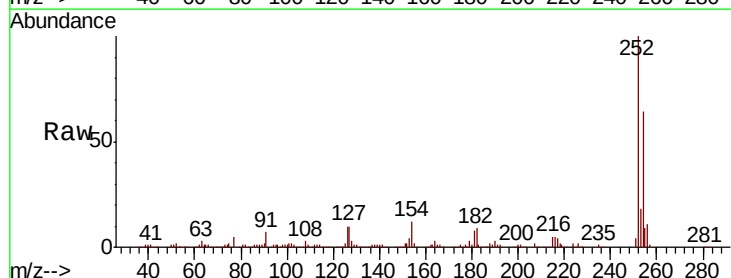
RT: 13.74 min Scan# 1981

Delta R.T. -0.01 min

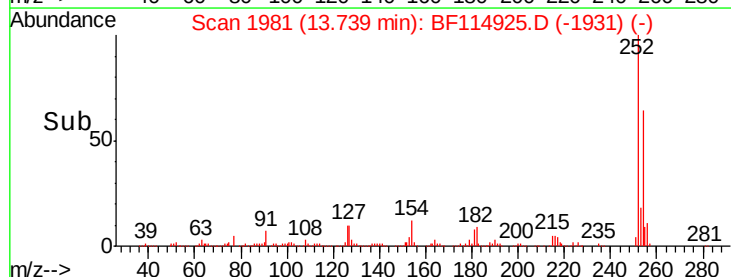
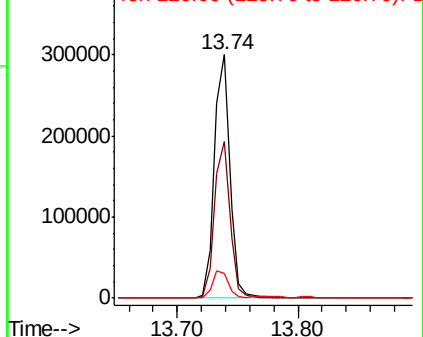
Lab File: BF114925.D

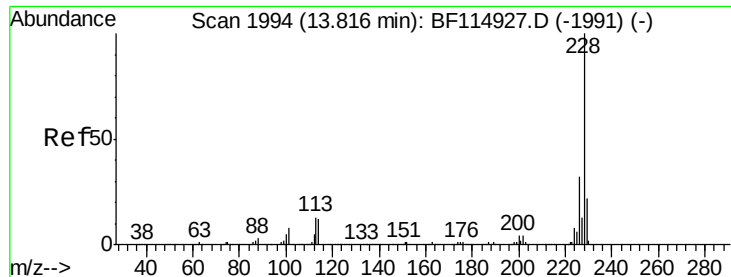
Acq: 10 Jun 2019 10:30

Tgt Ion:	252	Resp:	264623
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	10.3	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

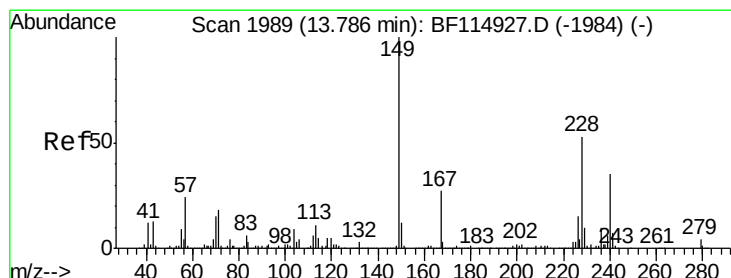
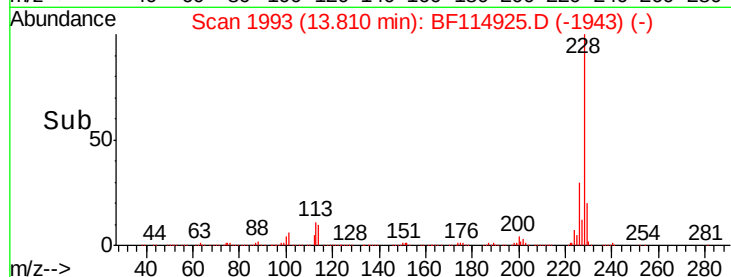
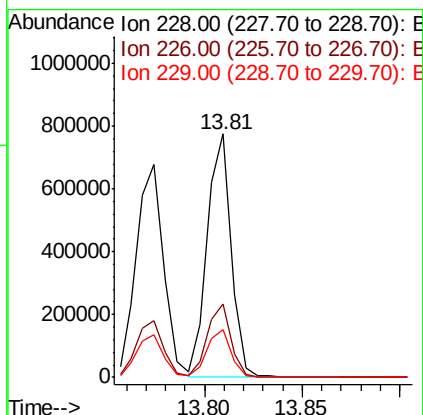
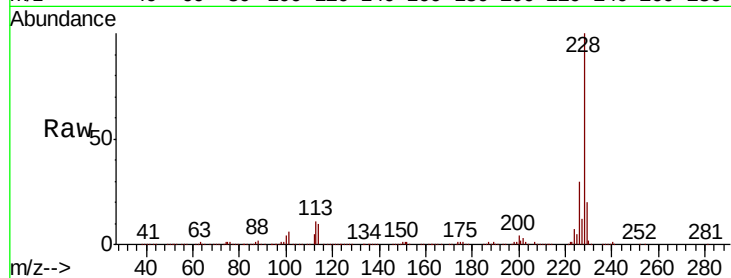




#83
 Chrysene
 Concen: 10.482 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

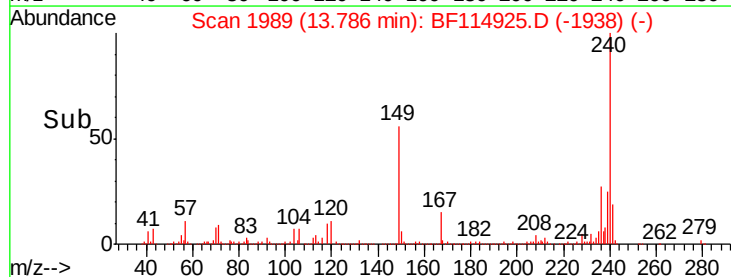
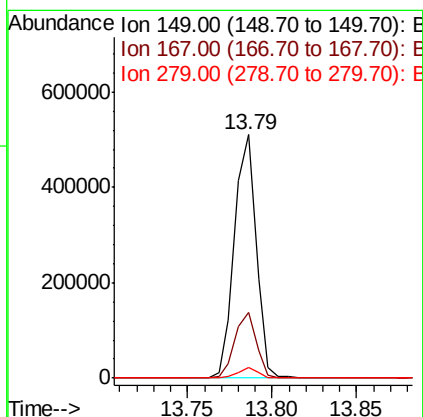
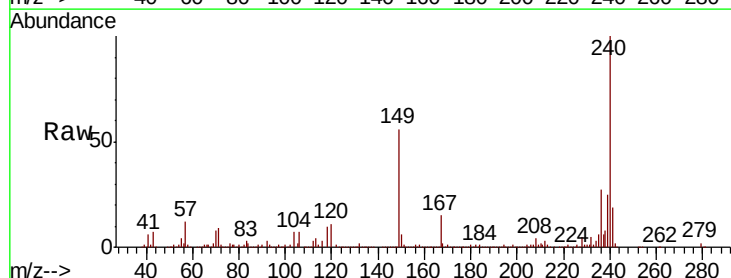
Instrument :
 BNA_F
 ClientSampled :

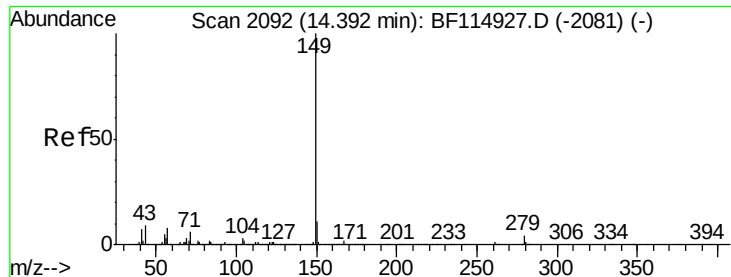
Tot Ion:228 Resp: 660881
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.8 38.8
 229 19.6 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.863 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF114925.D
 Acq: 10 Jun 2019 10:30

Tgt Ion:149 Resp: 459510
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.9 32.9
 279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 10.171 ng

RT: 14.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Instrument :

BNA_F

ClientSampled :

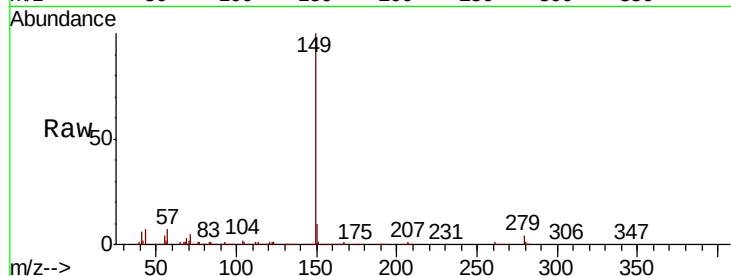
Tot Ion:149 Resp: 805182

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 7.8 6.8 10.2

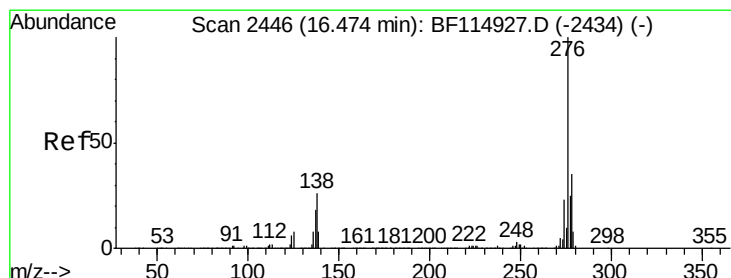
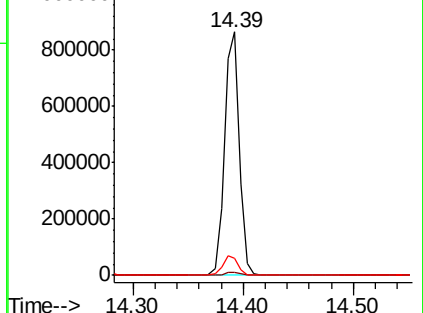
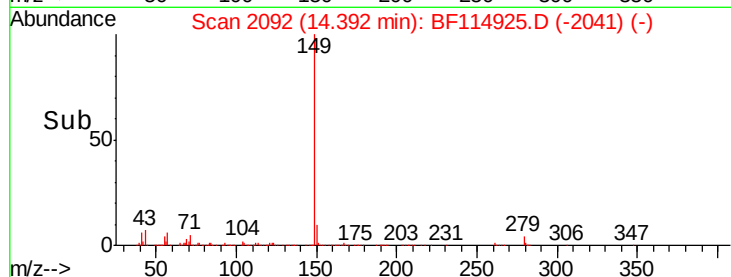


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.009 ng

RT: 16.46 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

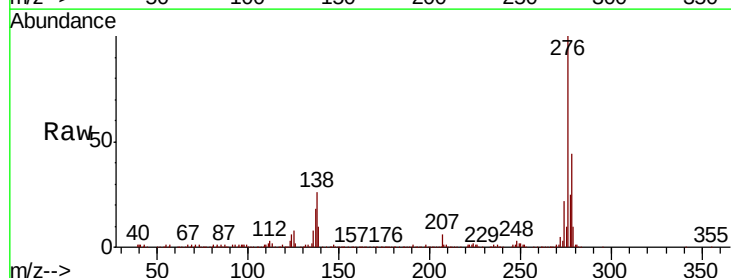
Tgt Ion:276 Resp: 576157

Ion Ratio Lower Upper

276 100

138 27.9 23.3 34.9

277 25.3 20.5 30.7

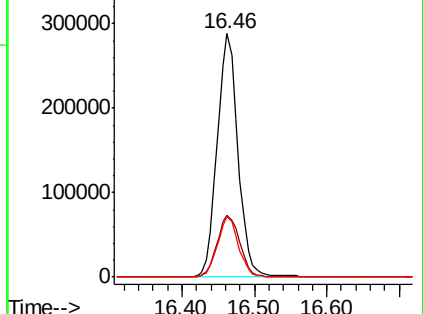
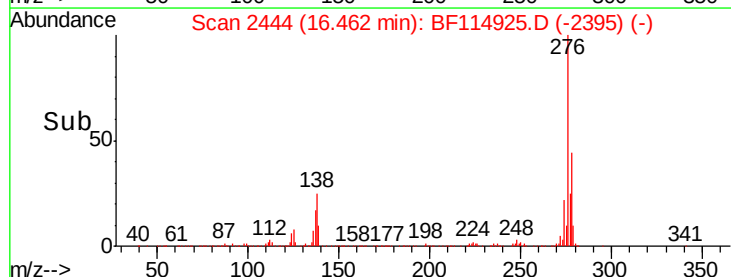


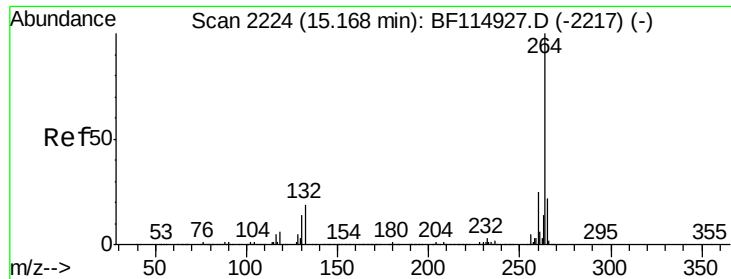
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

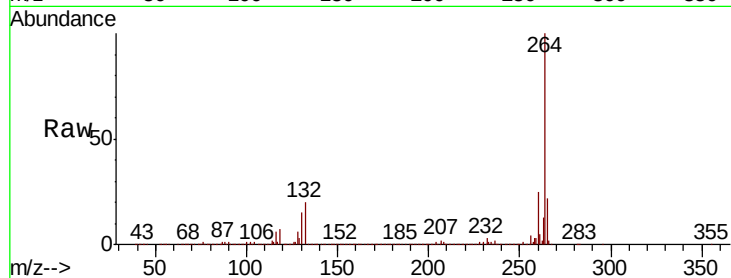
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 886931

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.4	17.5	26.3

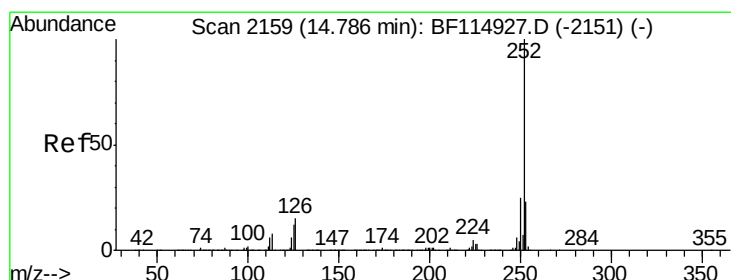
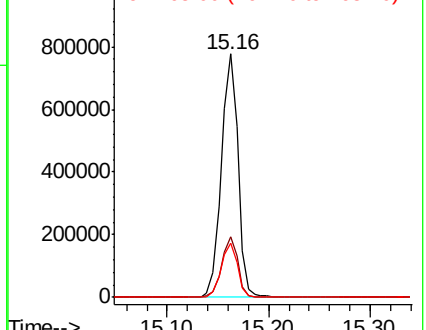
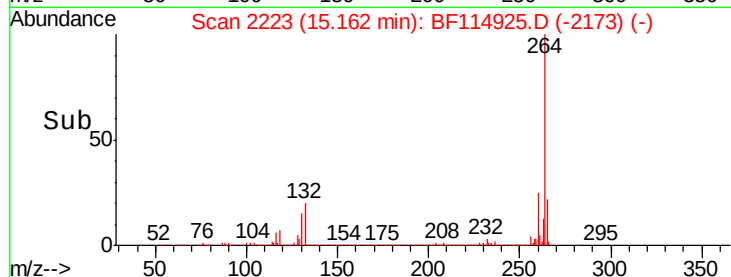


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.006 ng

RT: 14.77 min Scan# 2157

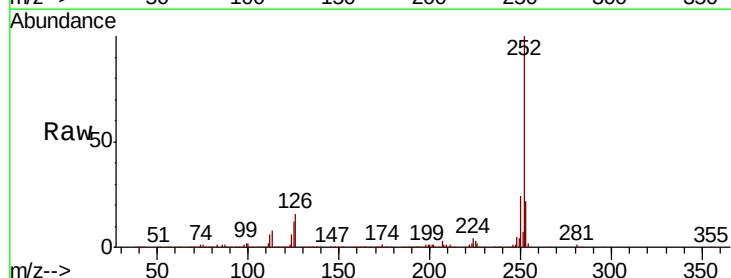
Delta R.T. -0.01 min

Lab File: BF114925.D

Acq: 10 Jun 2019 10:30

Tgt Ion:252 Resp: 677913

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	28.0
125	12.1	9.5	14.3

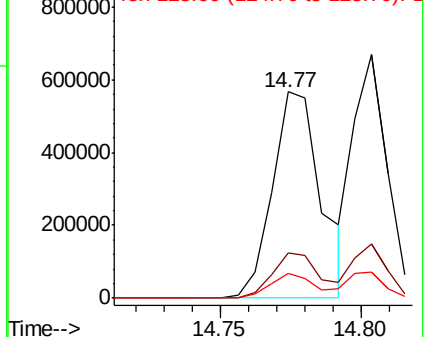
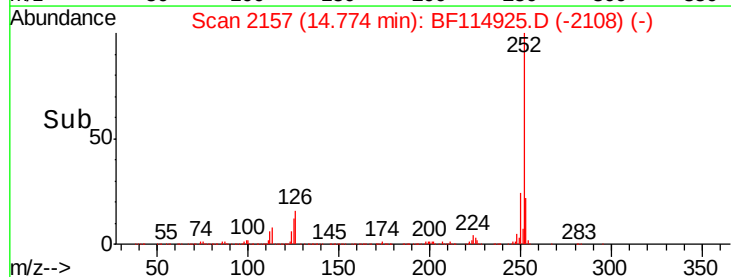


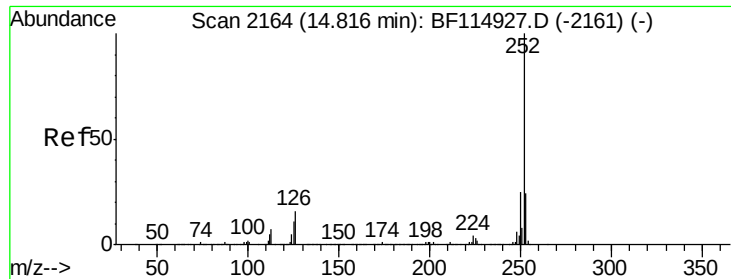
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

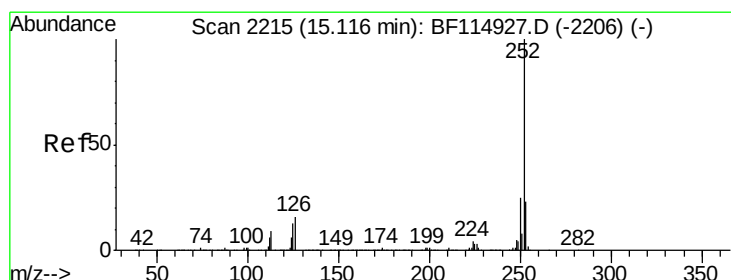
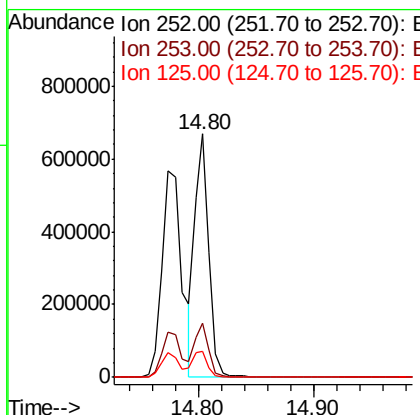
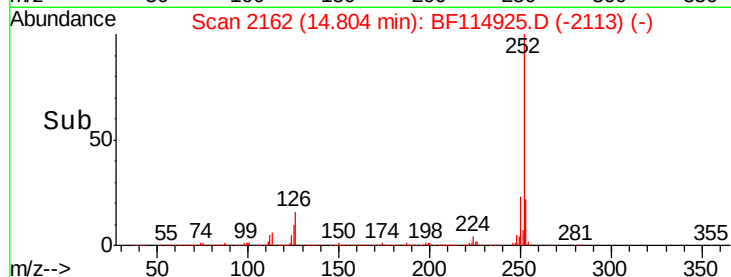
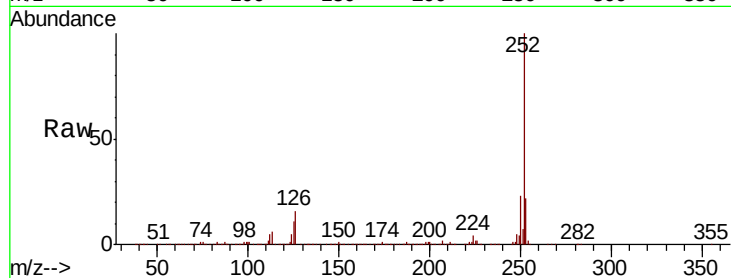




#89
Benzo(k)fluoranthene
Concen: 11.820 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

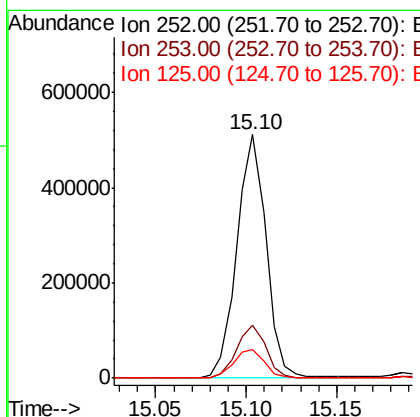
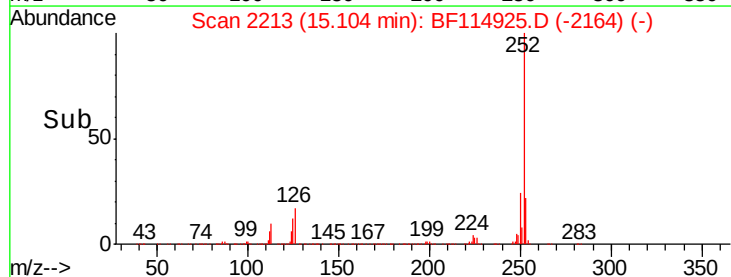
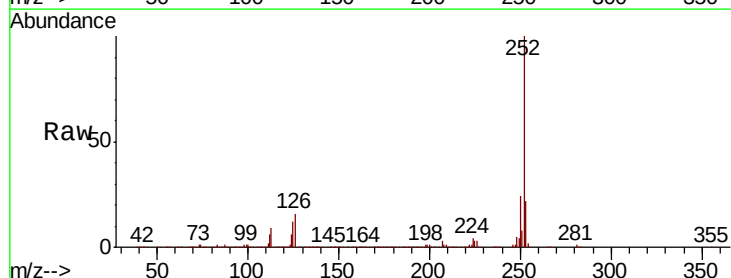
Instrument :
BNA_F
ClientSampleId :

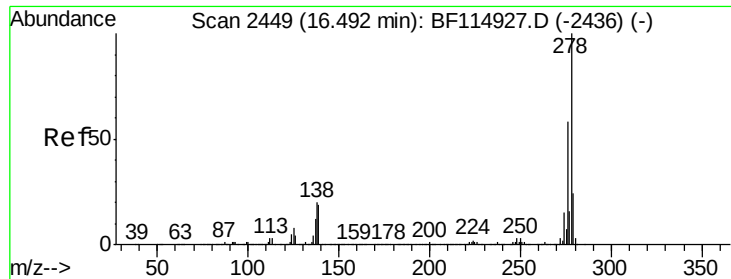
Tot Ion:252 Resp: 566762
Ion Ratio Lower Upper
252 100
253 22.5 18.6 28.0
125 10.5 9.2 13.8



#90
Benzo(a)pyrene
Concen: 11.733 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:252 Resp: 573406
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 12.0 10.1 15.1

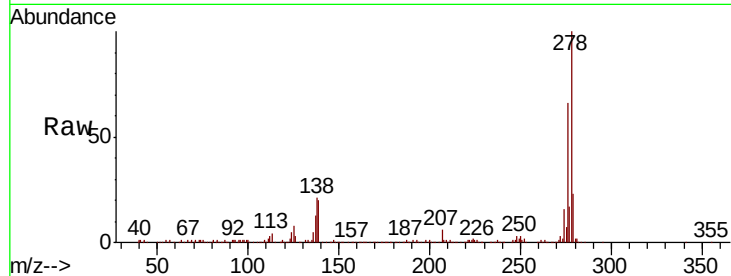




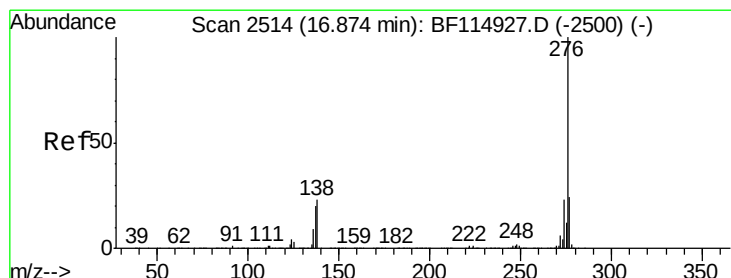
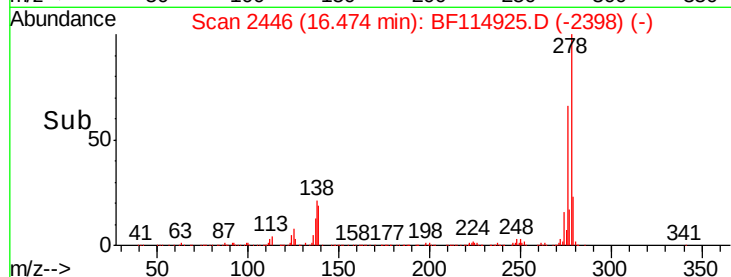
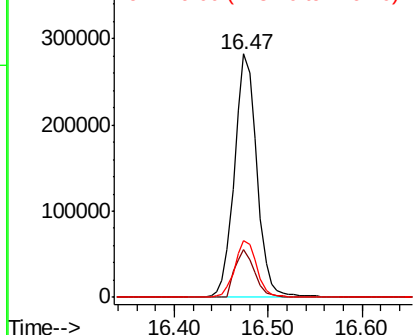
#91
Dibenzo(a,h)anthracene
Concen: 10.168 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 470578
Ion Ratio Lower Upper
278 100
139 19.6 15.1 22.7
279 23.5 19.6 29.4

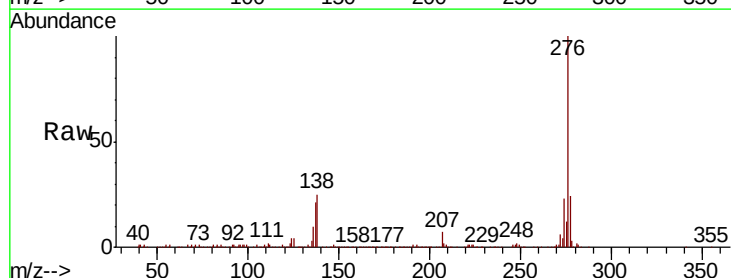


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.602 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF114925.D
Acq: 10 Jun 2019 10:30

Tgt Ion:276 Resp: 446870
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 24.9 18.7 28.1



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

