

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114083.D
 Acq On : 2 May 2019 13:54
 Operator : JU/SJ
 Sample : K2584-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

Quant Time: May 02 14:22:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	78581	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	303654	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	164653	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	335291	20.00	ng	0.00
76) Chrysene-d12	14.06	240	231832	20.00	ng	-0.01
87) Perylene-d12	15.56	264	242015	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	602002	131.03	ng	0.00
7) Phenol-d6	6.53	99	807468	140.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	481976	98.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	273600	136.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	946255	89.88	ng	-0.01
79) Terphenyl-d14	13.00	244	1309526	115.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	77482	35.776	ng	96
3) Pyridine	3.43	79	212695	35.979	ng	97
4) n-Nitrosodimethylamine	3.36	42	80379	39.720	ng	94
6) Aniline	6.55	93	210134	26.548	ng	99
8) 2-Chlorophenol	6.68	128	228246	43.513	ng	95
9) Benzaldehyde	6.43	77	39479	7.505	ng	95
10) Phenol	6.54	94	294887	42.782	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	218228	42.073	ng	97
12) 1,3-Dichlorobenzene	6.83	146	240168	40.427	ng	99
13) 1,4-Dichlorobenzene	6.91	146	244871	40.980	ng	99
14) 1,2-Dichlorobenzene	7.06	146	235759	42.932	ng	97
15) Benzyl Alcohol	7.03	79	209678	54.010	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	242462	40.044	ng	94
17) 2-Methylphenol	7.14	107	193425	42.067	ng	98
18) Hexachloroethane	7.40	117	82651	39.458	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	160630	43.031	ng	97
20) 3+4-Methylphenols	7.29	107	237976	45.810	ng	# 71
22) Acetophenone	7.29	105	321984	47.650	ng	# 91
24) Nitrobenzene	7.47	77	247729	45.588	ng	98
25) Isophorone	7.71	82	435649	43.293	ng	98
26) 2-Nitrophenol	7.79	139	126990	51.225	ng	99
27) 2,4-Dimethylphenol	7.82	122	201255	49.827	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	278030	43.359	ng	99
29) 2,4-Dichlorophenol	8.03	162	218007	47.200	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	237652	46.146	ng	100
31) Naphthalene	8.19	128	685823	47.543	ng	99
32) Benzoic acid	7.92	122	47467	17.402	ng	99
33) 4-Chloroaniline	8.24	127	102716	16.828	ng	96
34) Hexachlorobutadiene	8.31	225	141588	44.102	ng	99
35) Caprolactam	8.60	113	43127	29.352	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	197650	43.193	ng	97
37) 2-Methylnaphthalene	8.89	142	462208	47.516	ng	99
38) 1-Methylnaphthalene	8.99	142	435498	46.385	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	242271	45.297	ng	99

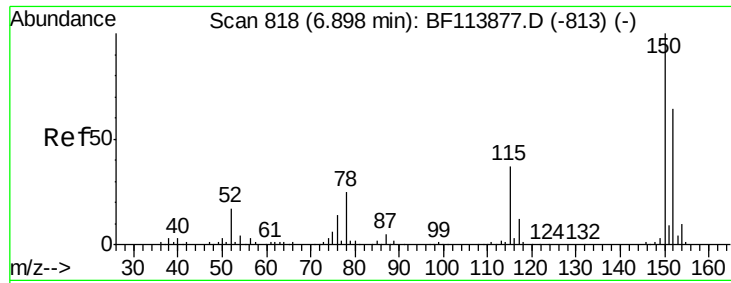
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114083.D
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	157400	52.774	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	153925	45.322	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	163442	42.905	ng	96
46) 1,1'-Biphenyl	9.35	154	561154	44.613	ng	98
47) 2-Chloronaphthalene	9.37	162	451928	44.182	ng	98
48) 2-Nitroaniline	9.46	65	119176	44.444	ng	94
49) Acenaphthylene	9.79	152	668481	41.745	ng	98
50) Dimethylphthalate	9.65	163	615942	51.725	ng	99
51) 2,6-Dinitrotoluene	9.70	165	117309	45.919	ng	93
52) Acenaphthene	9.96	154	435166	45.983	ng	97
53) 3-Nitroaniline	9.87	138	72865	27.142	ng	100
54) 2,4-Dinitrophenol	9.99	184	79724	72.947	ng	# 1
55) Dibenzofuran	10.13	168	621010	43.807	ng	99
56) 4-Nitrophenol	10.05	139	191793	90.232	ng	96
57) 2,4-Dinitrotoluene	10.11	165	165083	51.195	ng	97
58) Fluorene	10.47	166	472254	44.249	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	144443	43.148	ng	100
60) Diethylphthalate	10.35	149	546611	48.338	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	253063	44.772	ng	98
62) 4-Nitroaniline	10.49	138	122516	46.766	ng	97
63) Azobenzene	10.63	77	470524	42.932	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	69103	45.428	ng	98
66) n-Nitrosodiphenylamine	10.58	169	444159	44.149	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	168145	41.513	ng	97
68) Hexachlorobenzene	11.03	284	187343	42.090	ng	97
69) Atrazine	11.10	200	149293	45.617	ng	99
70) Pentachlorophenol	11.22	266	185592	73.644	ng	99
71) Phenanthrene	11.44	178	796705	47.281	ng	99
72) Anthracene	11.49	178	814930	47.892	ng	99
73) Carbazole	11.64	167	736539	48.518	ng	99
74) Di-n-butylphthalate	11.97	149	963380	53.948	ng	100
75) Fluoranthene	12.63	202	930859	50.634	ng	98
77) Benzidine	12.74	184	182177	26.373	ng	97
78) Pyrene	12.86	202	920952	56.806	ng	98
80) Butylbenzylphthalate	13.46	149	400724	62.822	ng	98
81) Benzo(a)anthracene	14.05	228	762075	55.792	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	173630	34.681	ng	98
83) Chrysene	14.09	228	742379	55.807	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	570605	70.309	ng	99
85) Di-n-octyl phthalate	14.67	149	904243	71.183	ng	98
86) Indeno(1,2,3-cd)pyrene	17.07	276	882964	70.073	ng	98
88) Benzo(b)fluoranthene	15.13	252	793624	51.830	ng	100
89) Benzo(k)fluoranthene	15.16	252	663019	50.339	ng	99
90) Benzo(a)pyrene	15.50	252	716844	54.125	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	738558	59.405	ng	99
92) Benzo(g,h,i)perylene	17.52	276	755343	60.203	ng	99

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

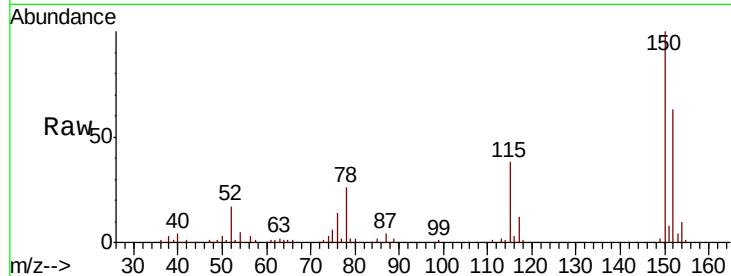


#1

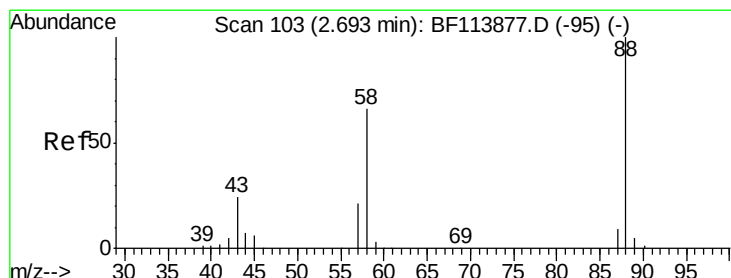
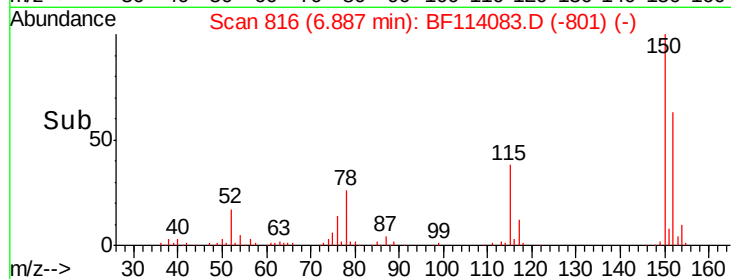
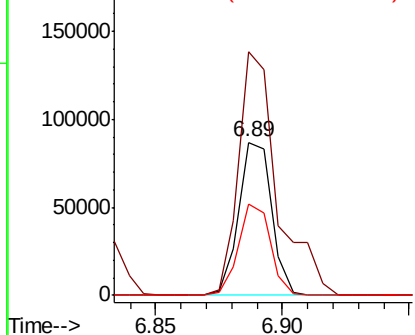
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:152 Resp: 78581
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 60.0 45.9 68.9



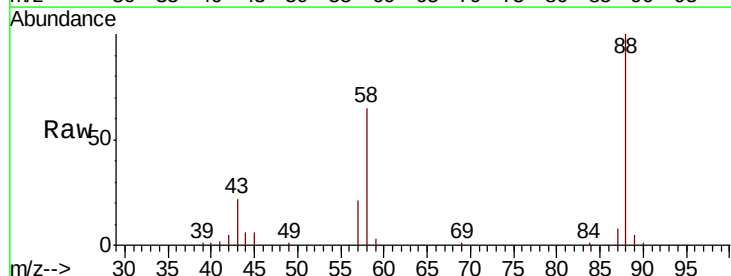
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



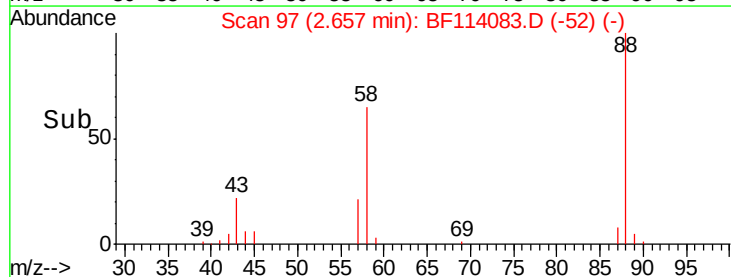
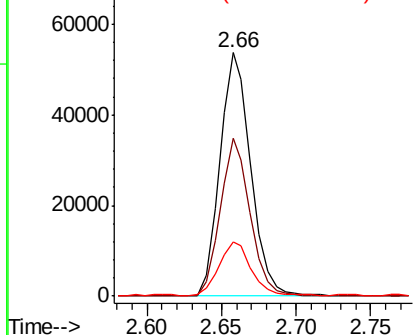
#2

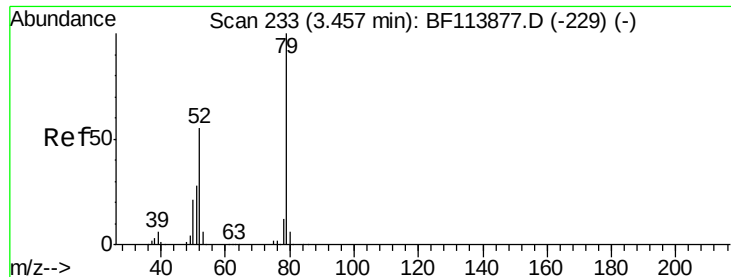
1,4-Dioxane
Concen: 35.776 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.04 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion: 88 Resp: 77482
Ion Ratio Lower Upper
88 100
58 62.8 53.3 79.9
43 23.9 19.0 28.4



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

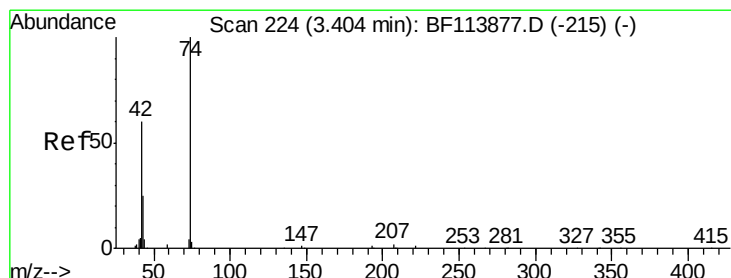
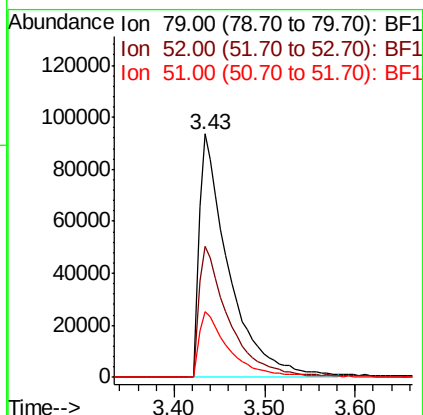
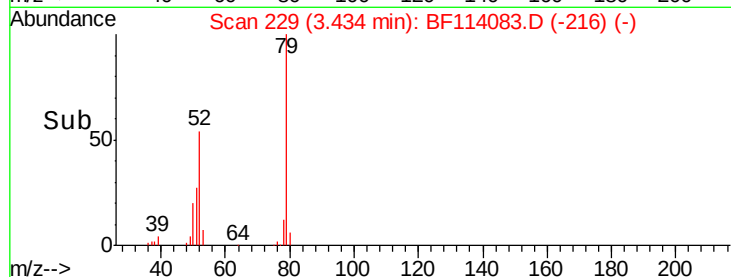
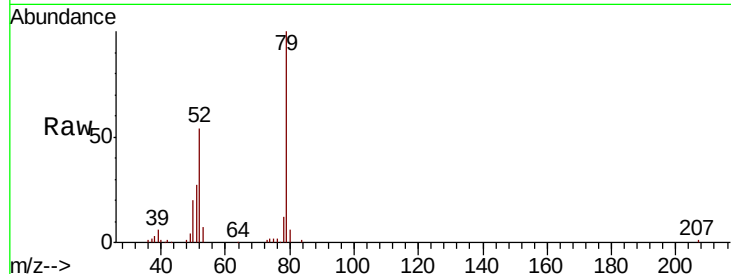




#3
 Pvridine
 Concen: 35.979 ng
 RT: 3.43 min Scan# 229
 Delta R.T. -0.02 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

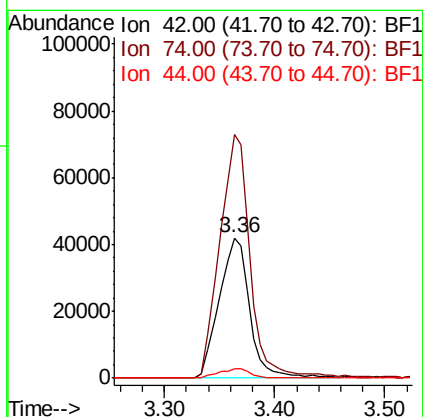
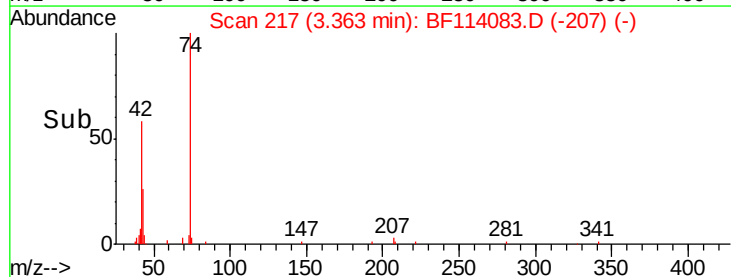
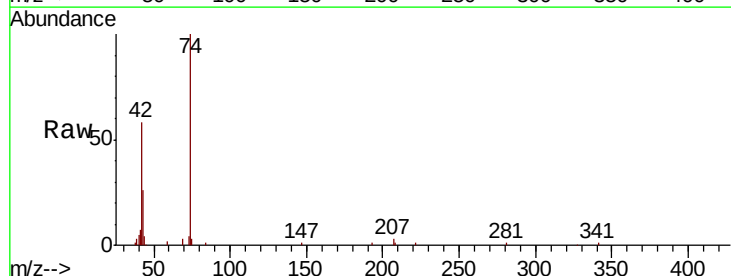
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

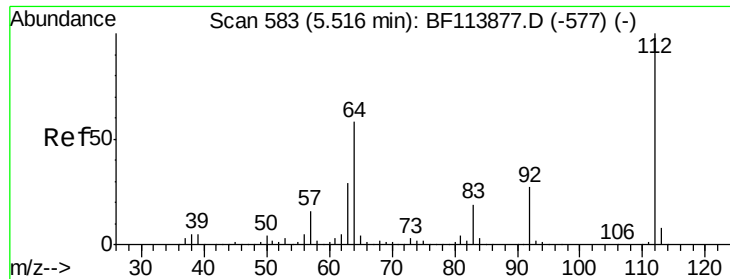
Tot Ion: 79 Resp: 212695
 Ion Ratio Lower Upper
 79 100
 52 53.9 45.3 67.9
 51 27.0 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 39.720 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.04 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion: 42 Resp: 80379
 Ion Ratio Lower Upper
 42 100
 74 173.5 132.6 198.8
 44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 131.029 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

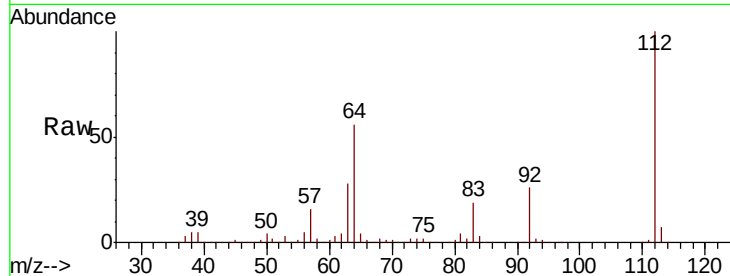
Tot Ion: 112 Resp: 602002

Ion Ratio Lower Upper

112 100

64 56.0 46.6 69.8

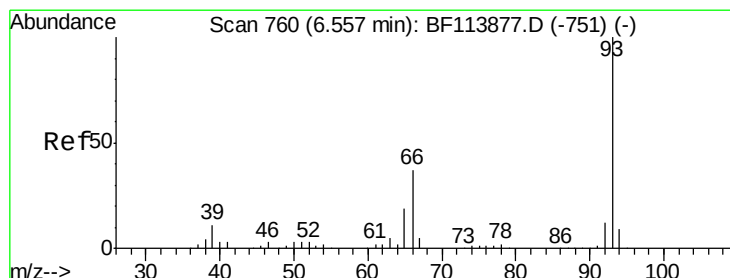
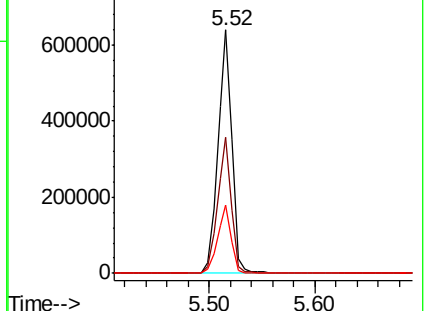
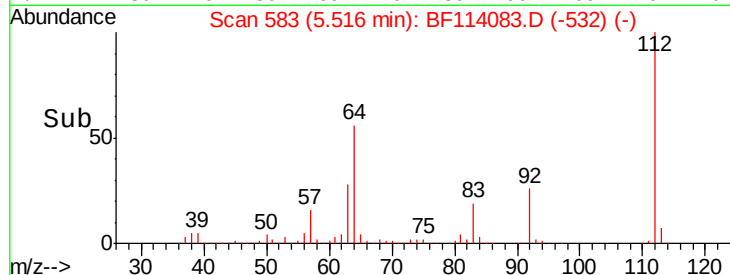
63 27.8 23.1 34.7



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: 26.548 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

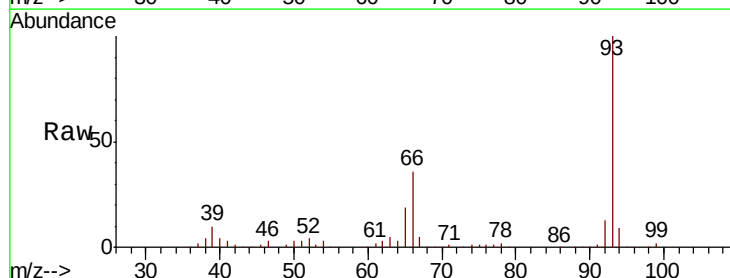
Tgt Ion: 93 Resp: 210134

Ion Ratio Lower Upper

93 100

66 36.4 29.8 44.6

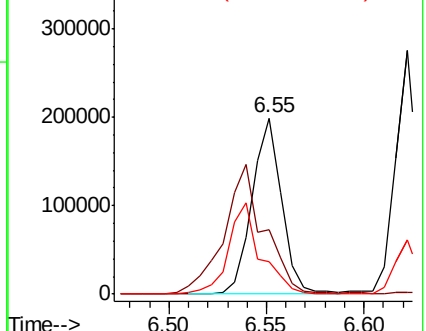
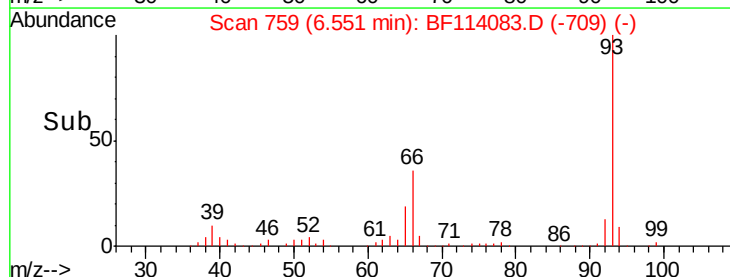
65 18.6 14.9 22.3

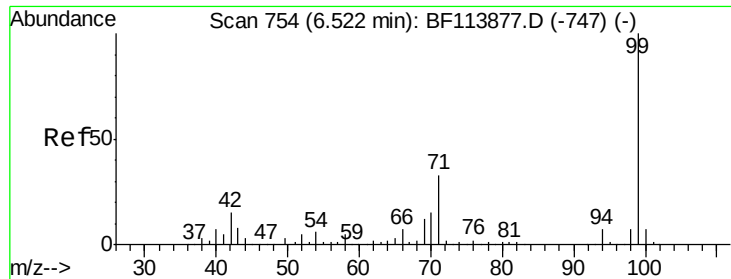


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.082 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

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ClientSampleId :

SSSI-0419-S-DH-8MS

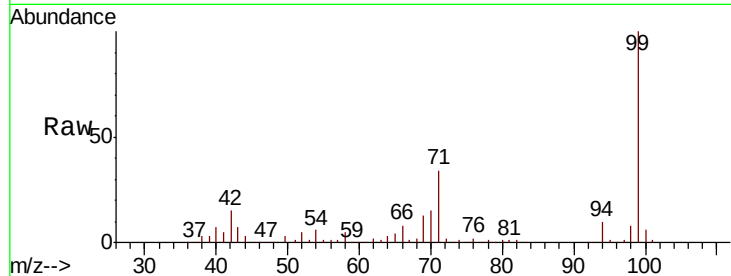
Tot Ion: 99 Resp: 807468

Ion Ratio Lower Upper

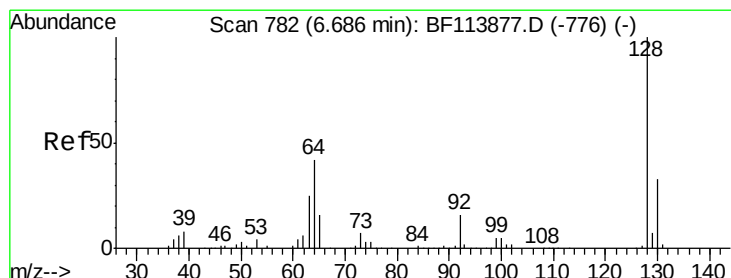
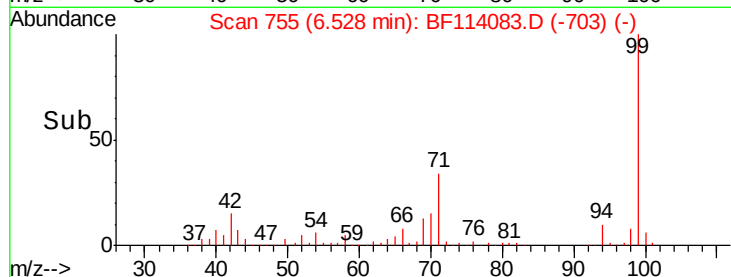
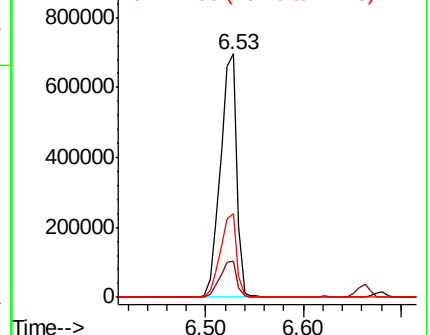
99 100

42 14.8 12.5 18.7

71 34.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.513 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

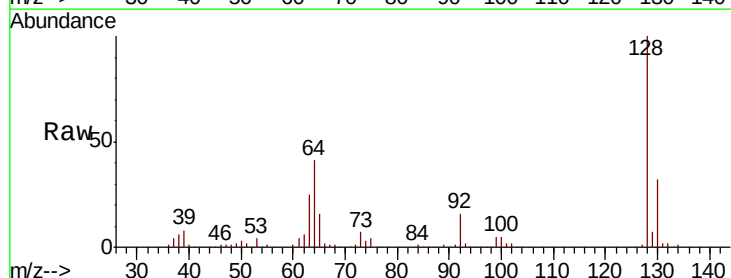
Tgt Ion: 128 Resp: 228246

Ion Ratio Lower Upper

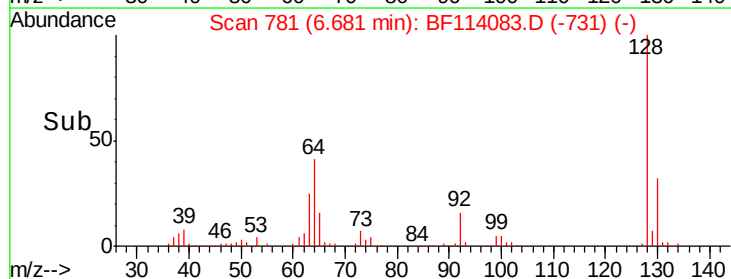
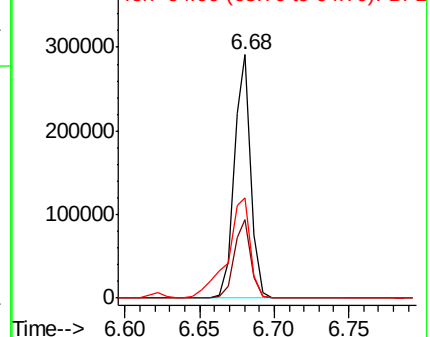
128 100

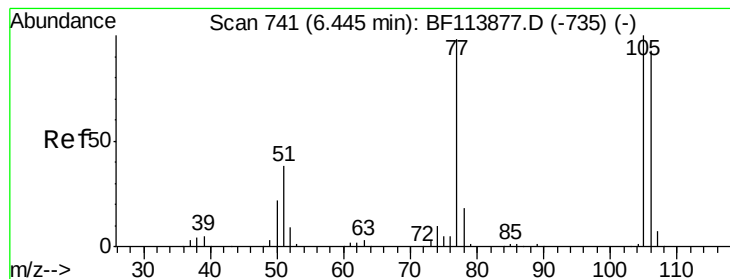
130 32.5 12.3 52.3

64 41.0 26.1 66.1



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: 7.505 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

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ClientSampleId :

SSSI-0419-S-DH-8MS

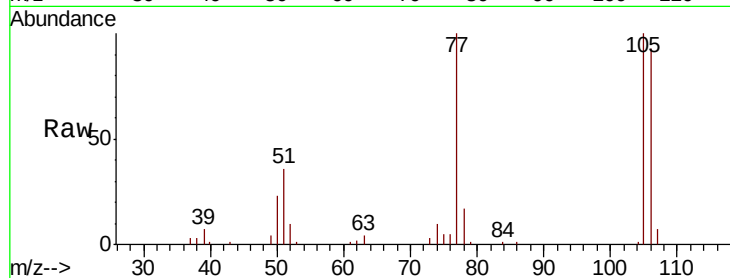
Tot Ion: 77 Resp: 39479

Ion Ratio Lower Upper

77 100

105 100.3 74.1 114.1

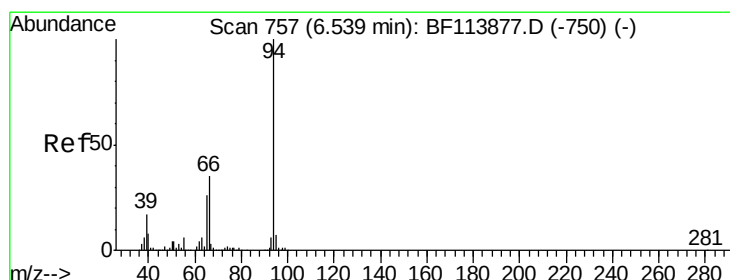
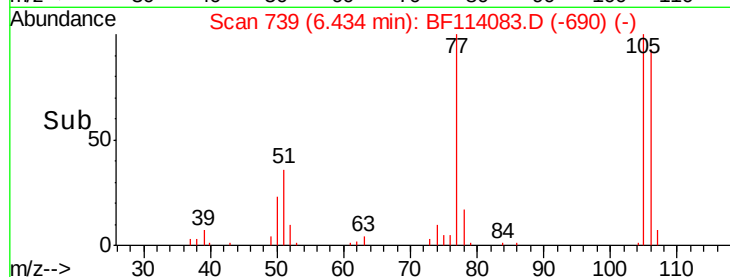
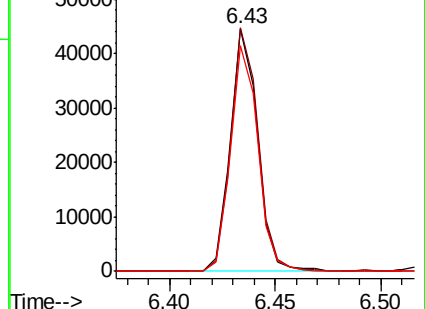
106 93.2 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.782 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

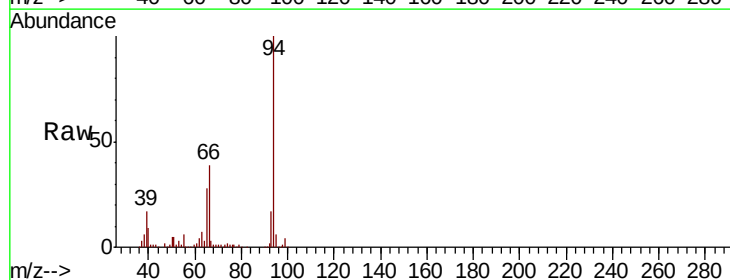
Tgt Ion: 94 Resp: 294887

Ion Ratio Lower Upper

94 100

65 27.8 8.1 48.1

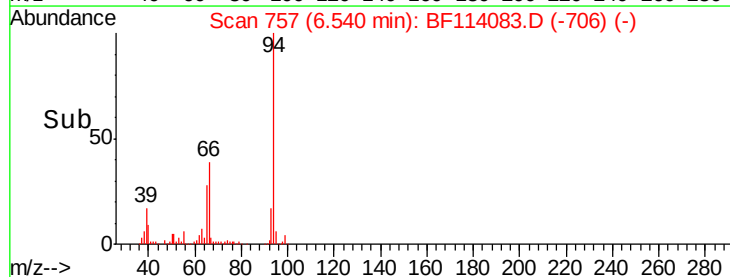
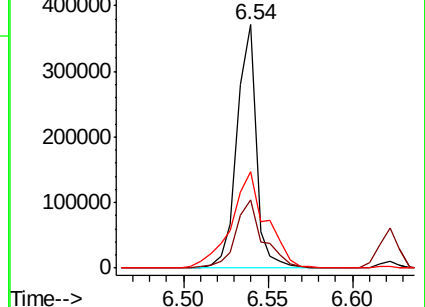
66 39.4 16.6 56.6

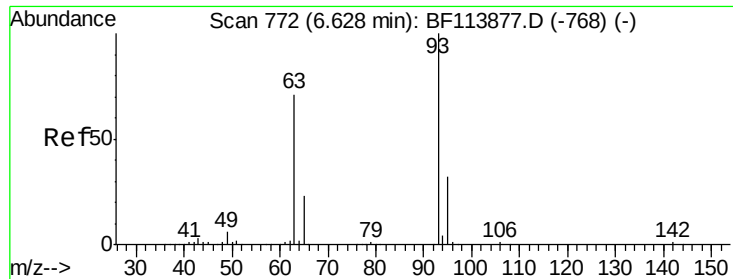


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

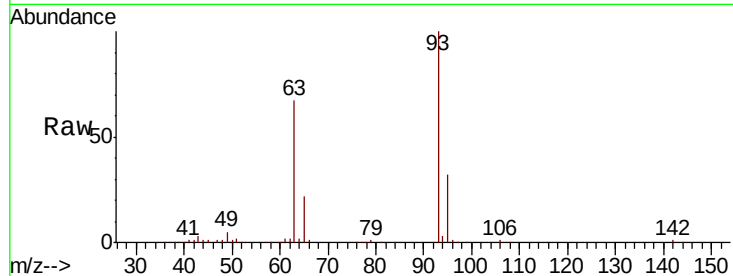




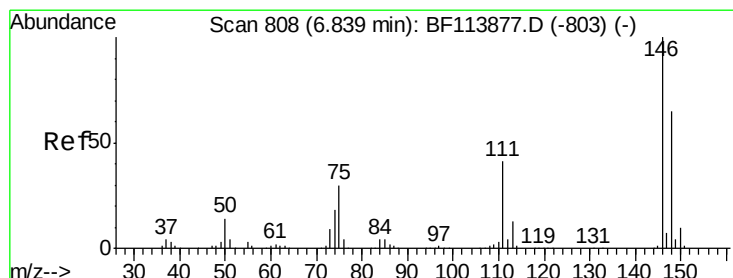
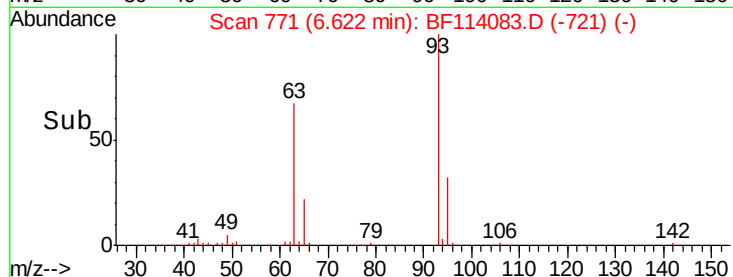
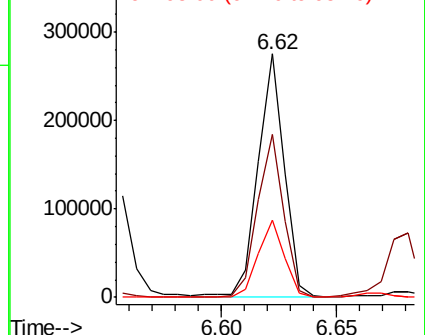
#11
bis(2-Chloroethyl)ether
Concen: 42.073 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion: 93 Resp: 218228
Ion Ratio Lower Upper
93 100
63 67.1 50.7 90.7
95 31.7 12.3 52.3

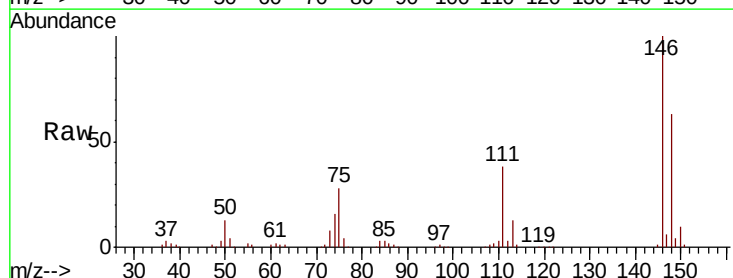


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

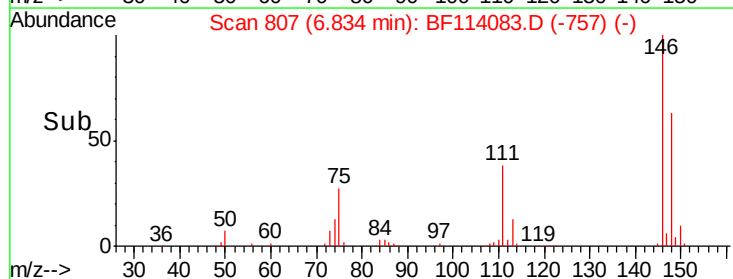
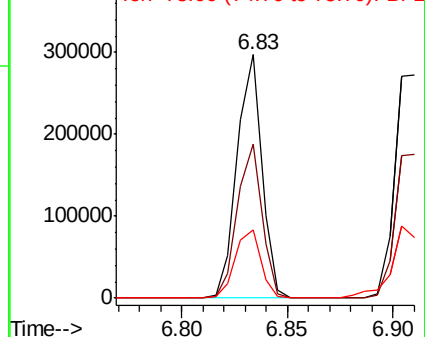


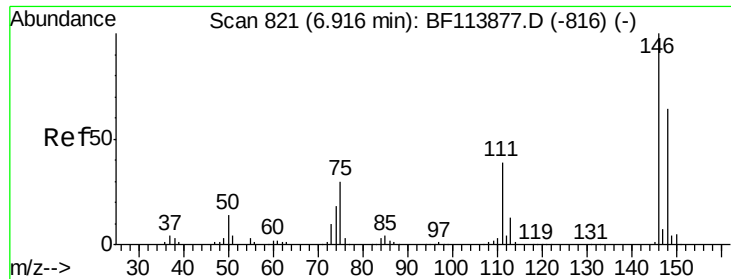
#12
1,3-Dichlorobenzene
Concen: 40.427 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion: 146 Resp: 240168
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 27.9 23.8 35.8



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

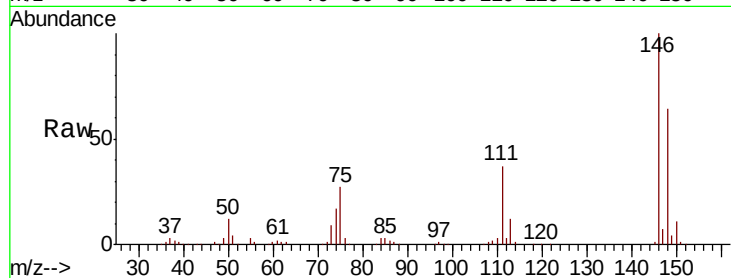




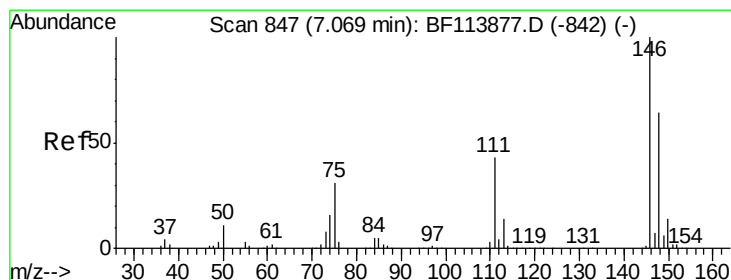
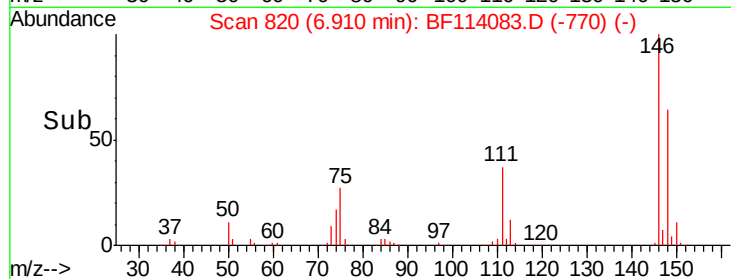
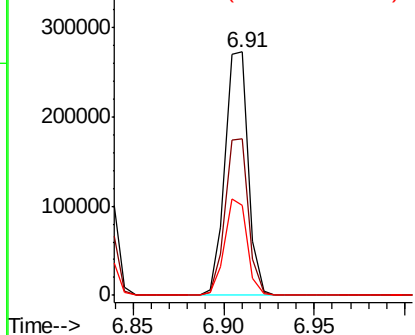
#13
 1,4-Dichlorobenzene
 Concen: 40.980 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

Tot Ion:146 Resp: 244871
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 37.2 30.9 46.3

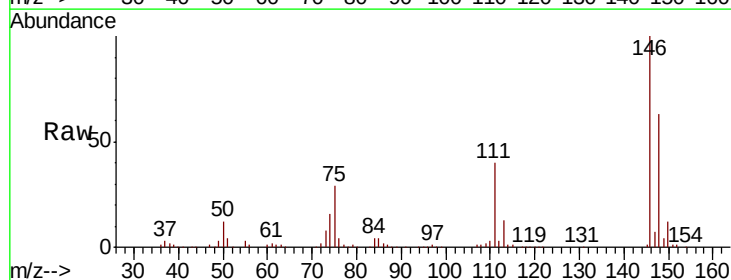


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

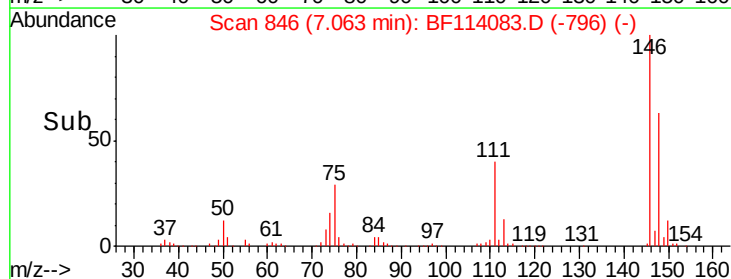
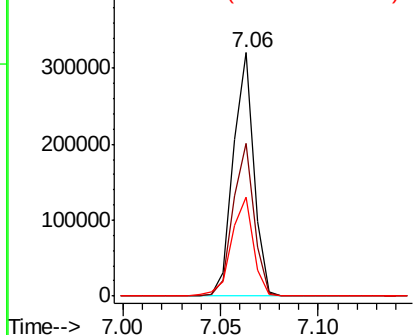


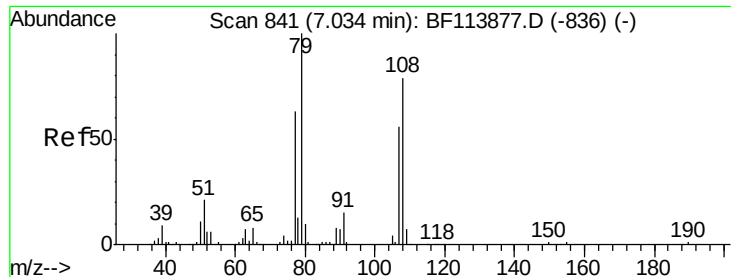
#14
 1,2-Dichlorobenzene
 Concen: 42.932 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:146 Resp: 235759
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.1 78.1
 111 40.4 34.2 51.4



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: 54.010 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

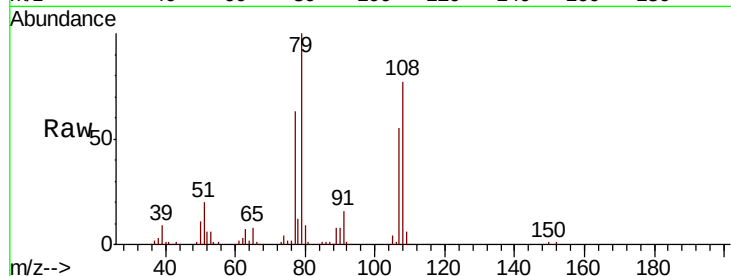
Tot Ion: 79 Resp: 209678

Ion Ratio Lower Upper

79 100

108 77.2 61.4 92.0

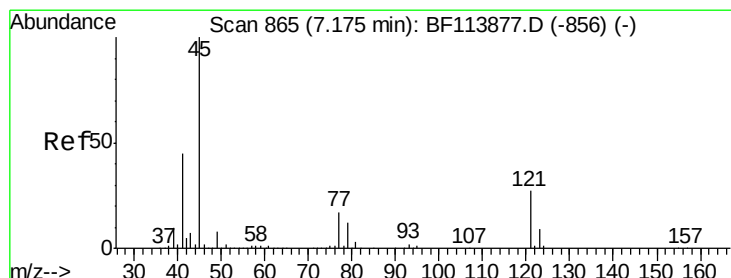
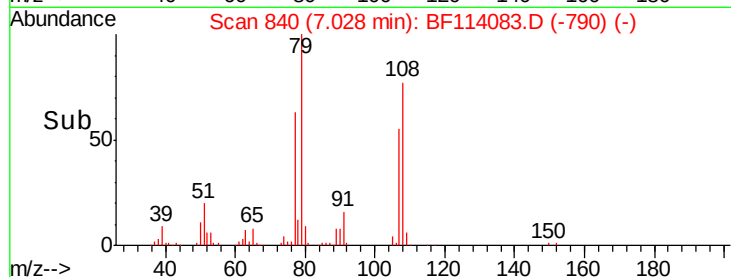
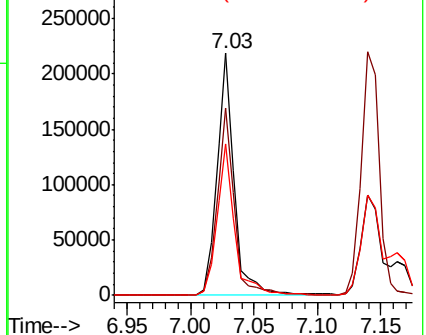
77 62.5 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.044 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

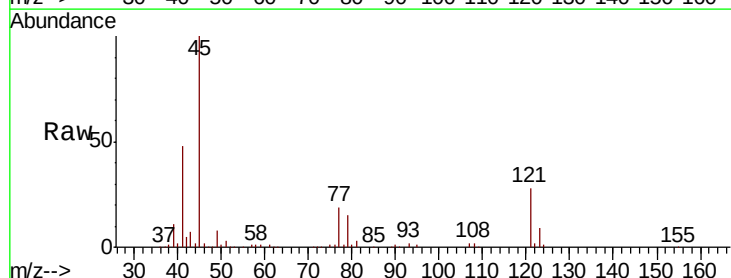
Tgt Ion: 45 Resp: 242462

Ion Ratio Lower Upper

45 100

77 19.3 0.0 37.0

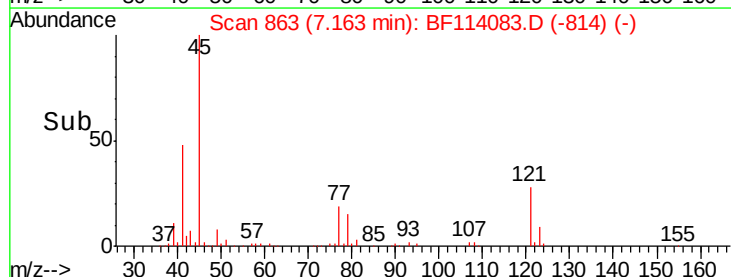
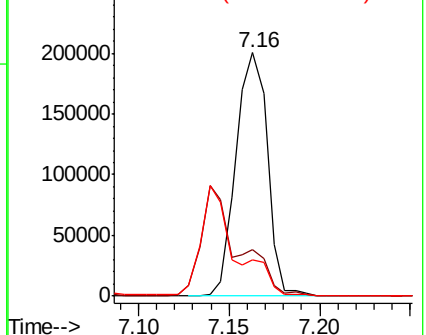
79 15.0 0.0 32.7

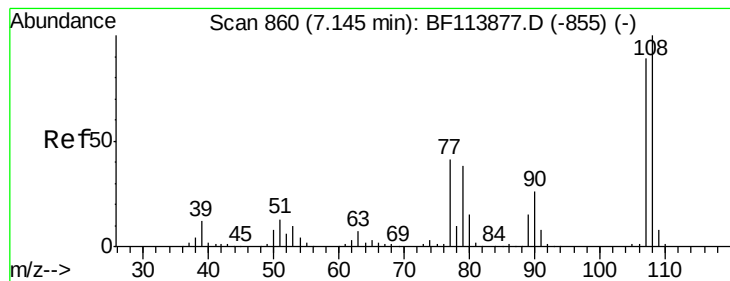


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

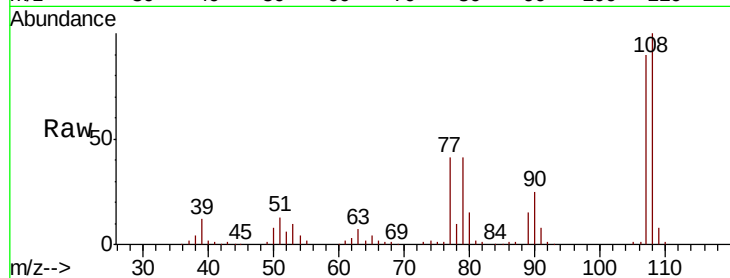




#17
2-Methylphenol
Concen: 42.067 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:	107	Resp:	193425
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.5	137.3
77	46.0	36.2	54.4
79	45.9	35.4	53.0



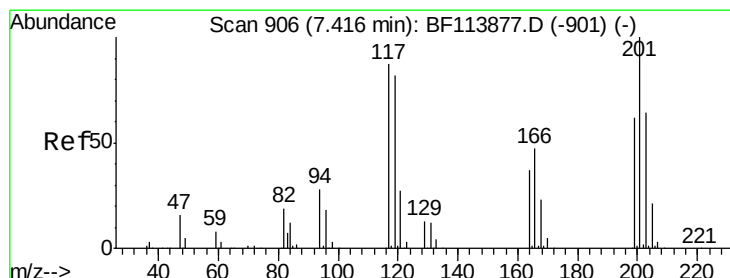
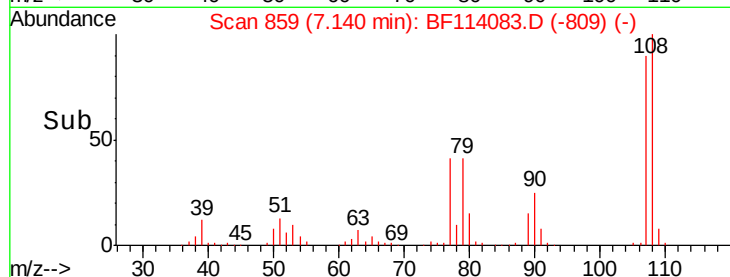
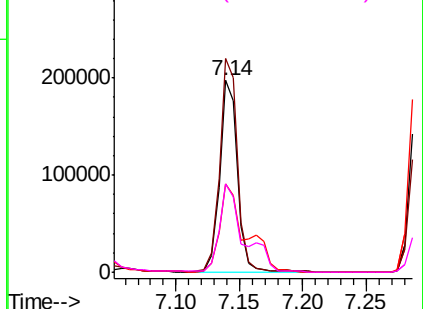
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

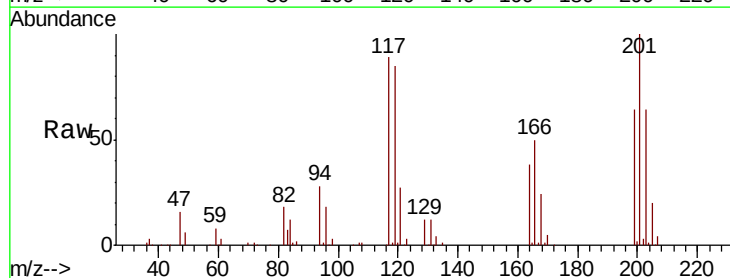
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.458 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:	117	Resp:	82651
Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.4	111.6
201	112.8	90.2	135.2

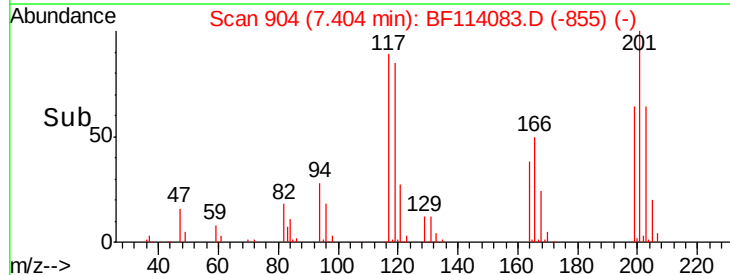
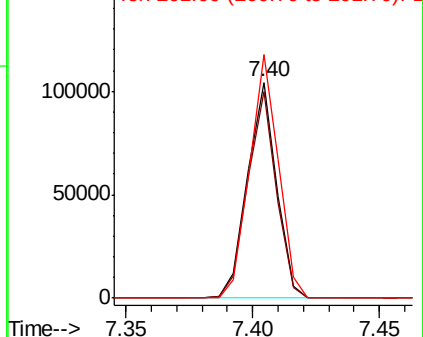


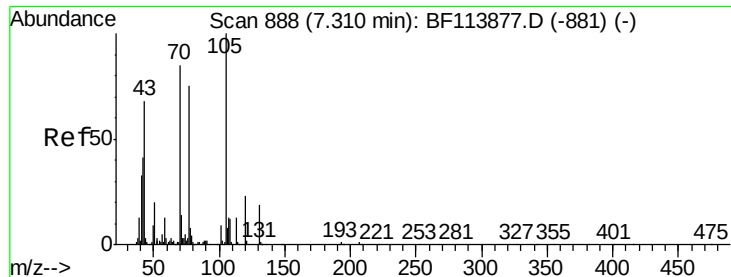
Abundance

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

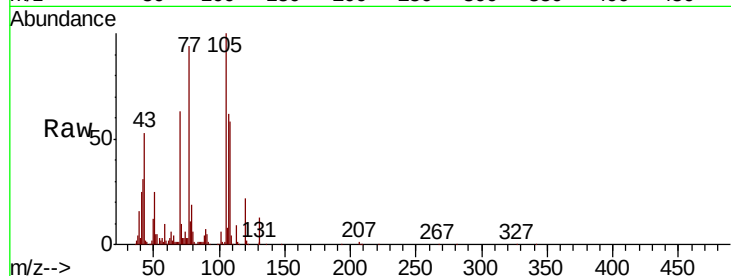




#19
n-Nitroso-di-n-propylamine
Concen: 43.031 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:	70	Resp:	160630
Ion	Ratio	Lower	Upper
70	100		
42	49.0	37.3	55.9
101	9.5	7.8	11.8
130	20.9	18.2	27.2



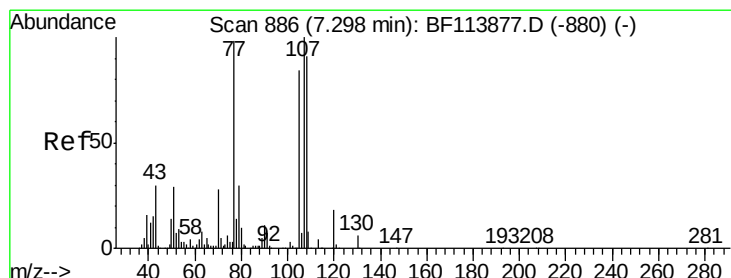
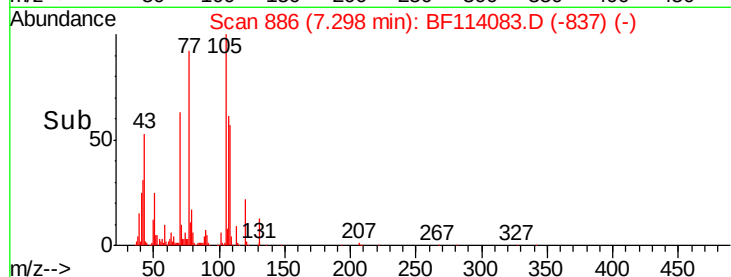
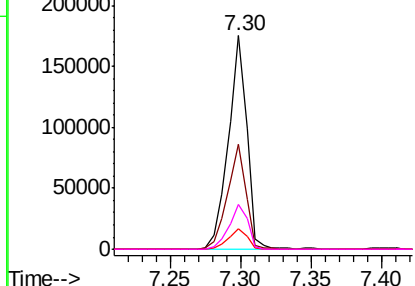
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

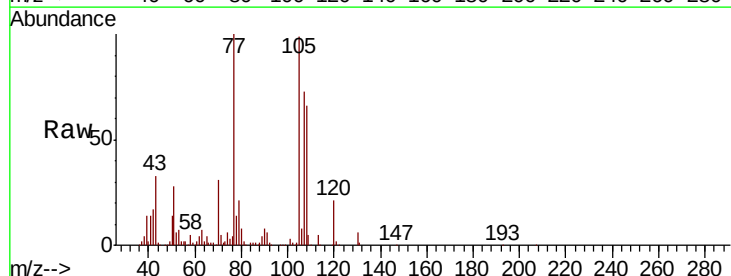
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 45.810 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:	107	Resp:	237976
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.1	110.1
77	136.2	52.9	92.9#
79	28.7	10.2	50.2



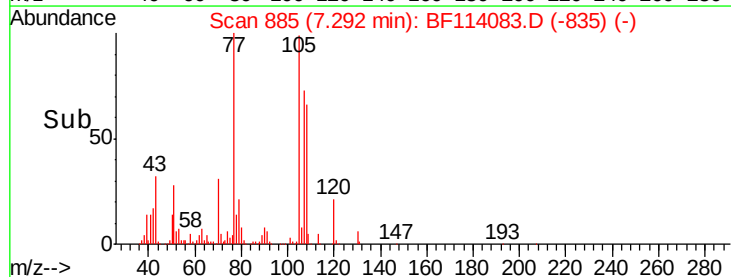
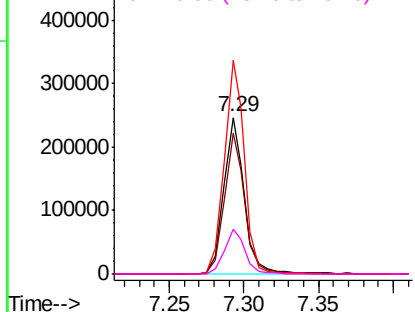
Abundance

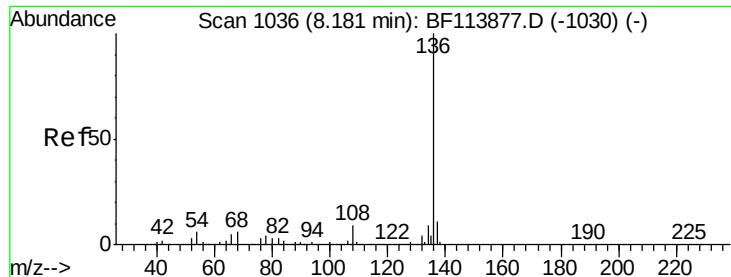
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

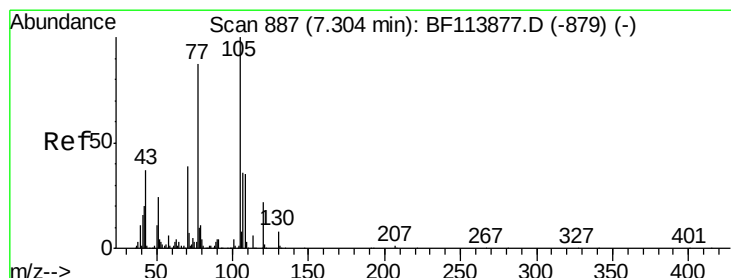
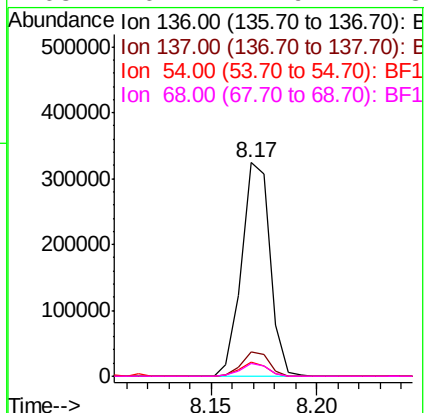
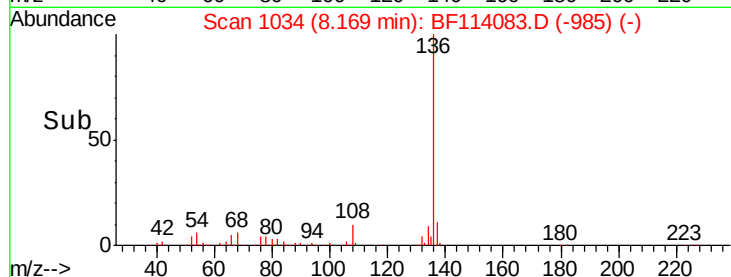
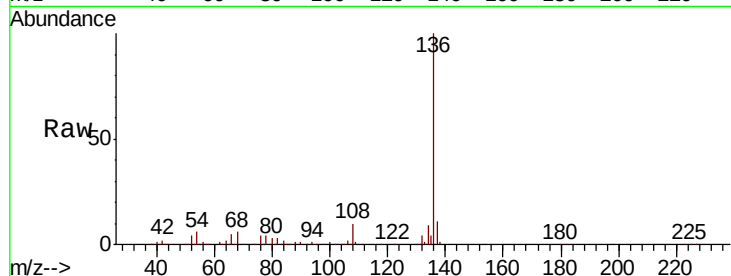




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

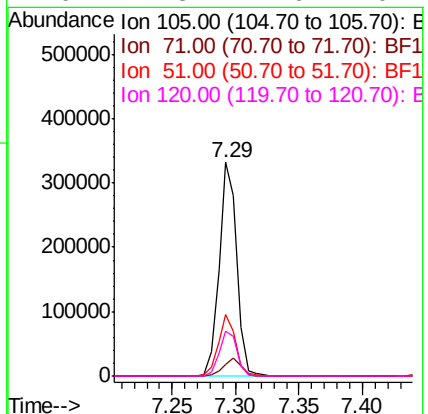
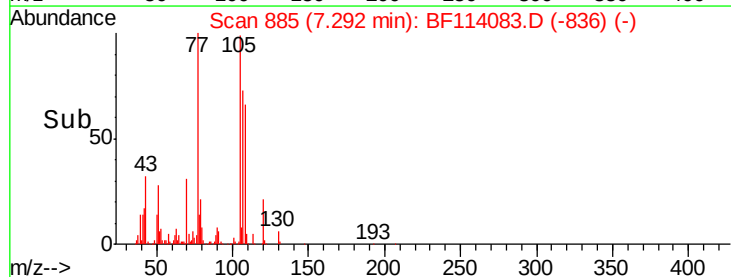
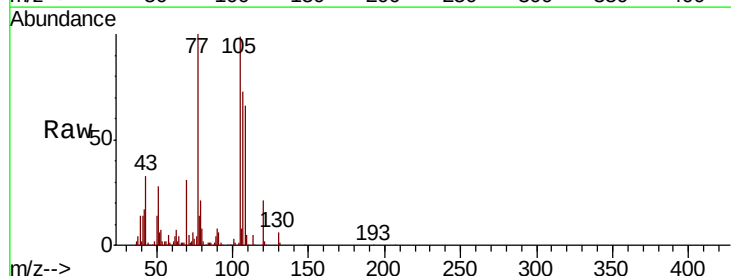
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

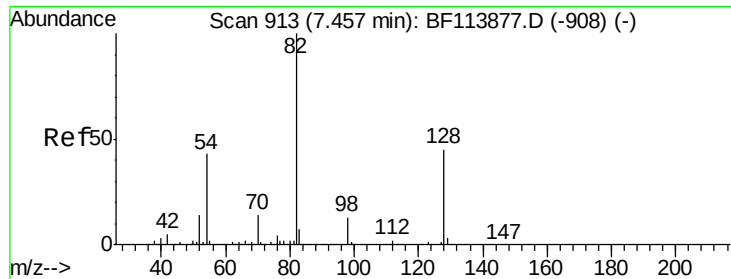
Tot Ion:	136	Resp:	303654
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.5	5.0	7.6
68	6.2	4.9	7.3



#22
Acetophenone
Concen: 47.650 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:	105	Resp:	321984
Ion	Ratio	Lower	Upper
105	100		
71	5.3	6.1	9.1#
51	28.9	16.8	25.2#
120	21.3	17.6	26.4

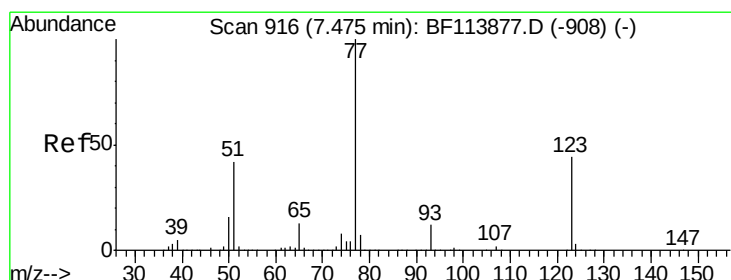
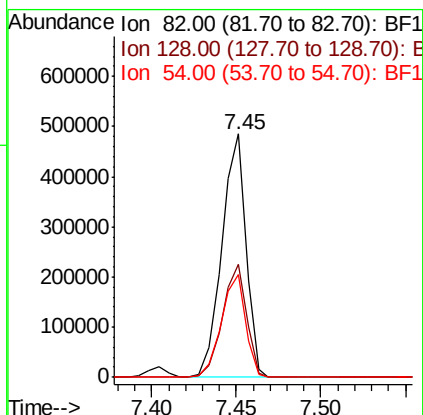
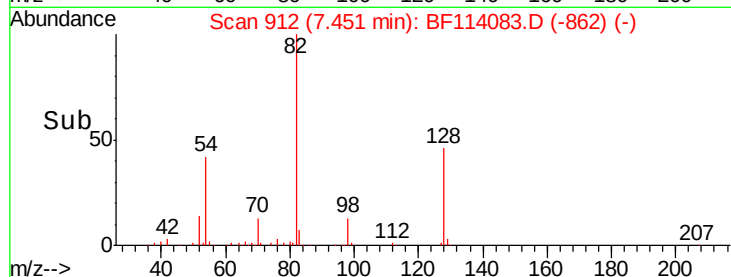
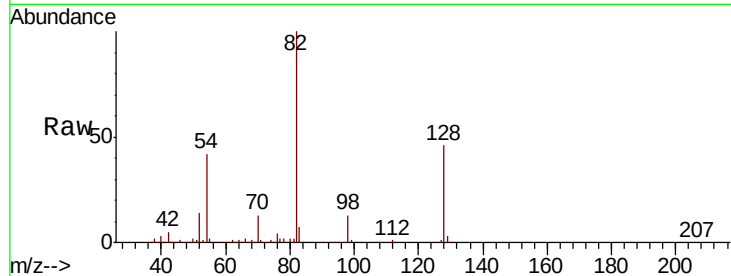




#23
Nitrobenzene-d5
Concen: 98.003 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

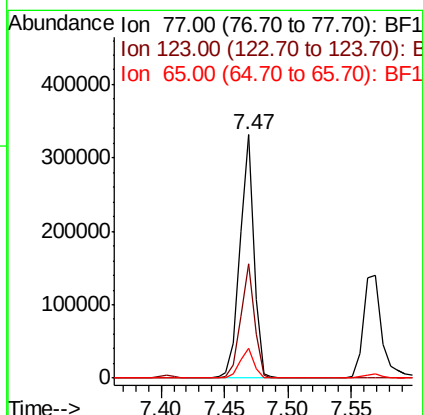
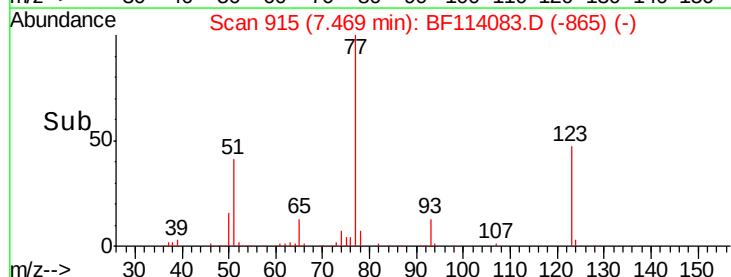
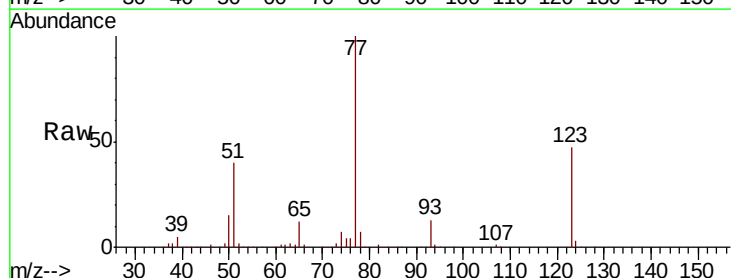
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

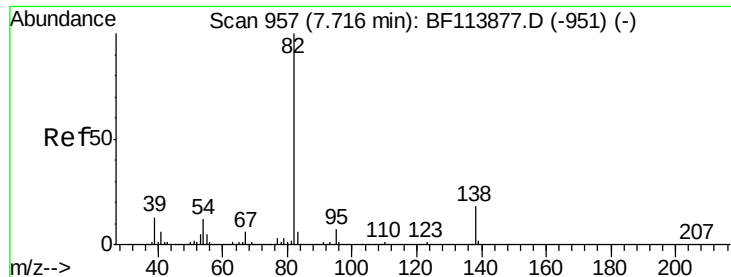
Tot Ion: 82 Resp: 481976
Ion Ratio Lower Upper
82 100
128 46.2 36.8 55.2
54 42.0 33.8 50.6



#24
Nitrobenzene
Concen: 45.588 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion: 77 Resp: 247729
Ion Ratio Lower Upper
77 100
123 46.9 36.3 54.5
65 12.3 10.3 15.5





#25

Isophorone

Concen: 43.293 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

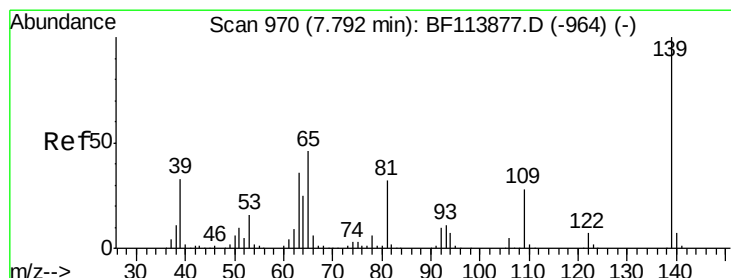
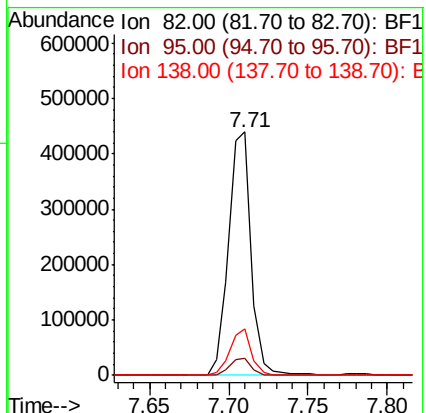
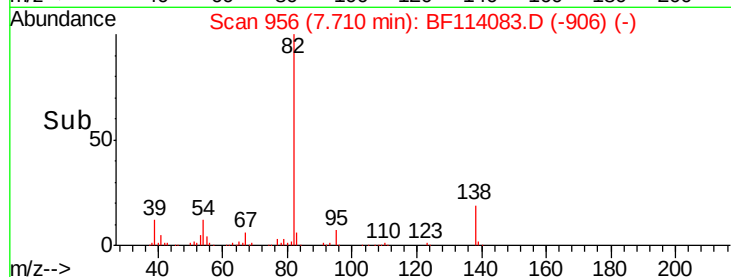
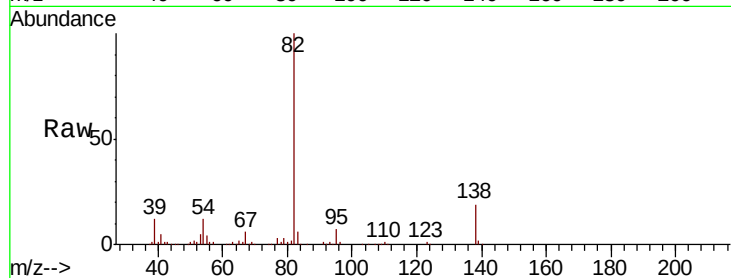
Tot Ion: 82 Resp: 435649

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 19.2 14.6 22.0



#26

2-Nitrophenol

Concen: 51.225 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

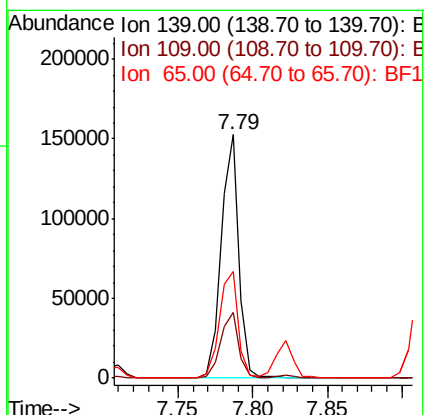
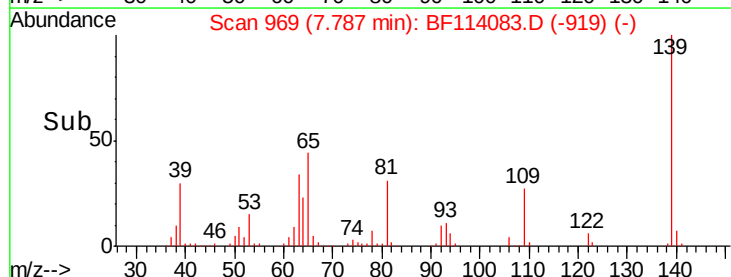
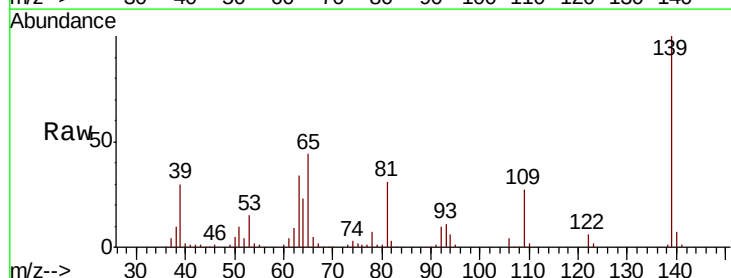
Tgt Ion: 139 Resp: 126990

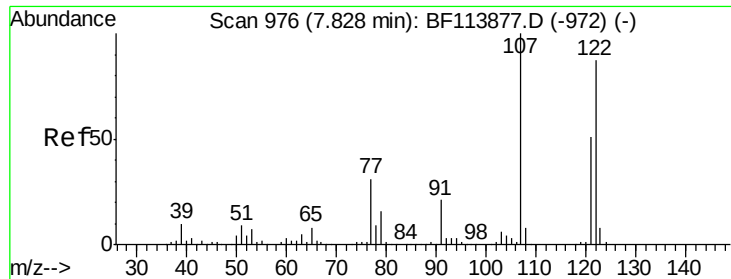
Ion Ratio Lower Upper

139 100

109 26.8 20.6 31.0

65 43.7 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 49.827 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

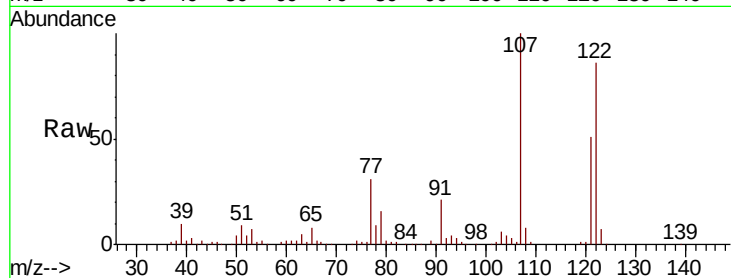
Tot Ion:122 Resp: 201255

Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

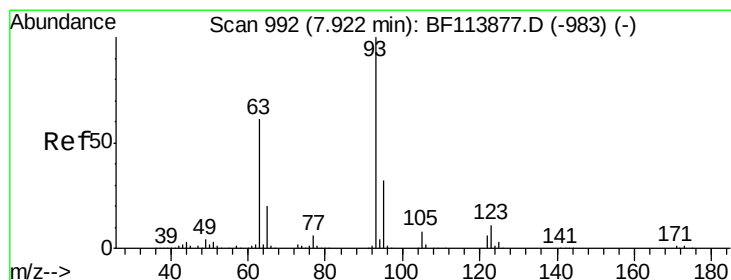
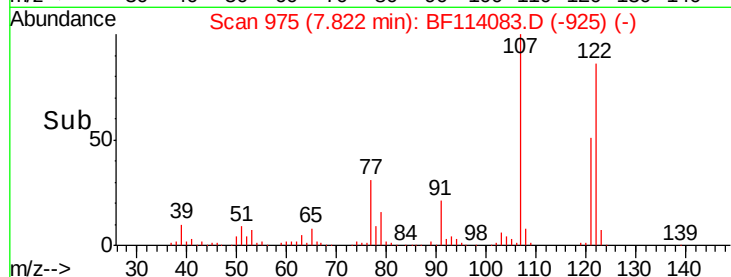
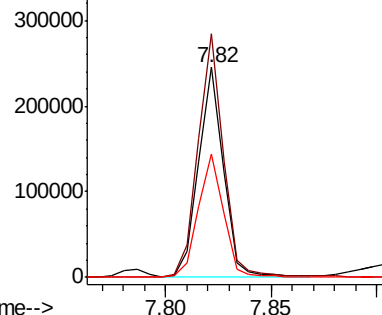
121 58.9 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.359 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

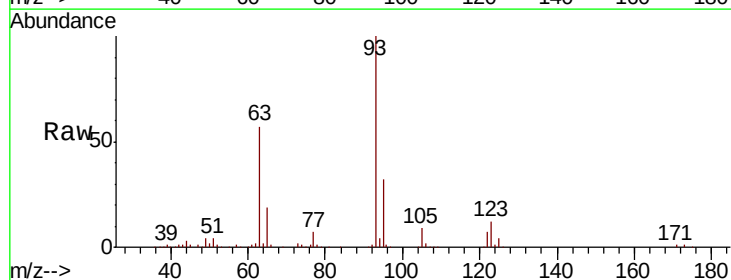
Tgt Ion: 93 Resp: 278030

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

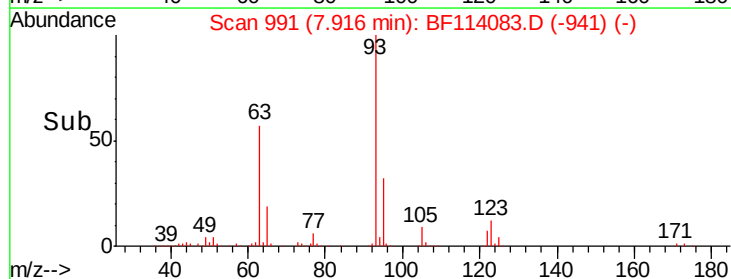
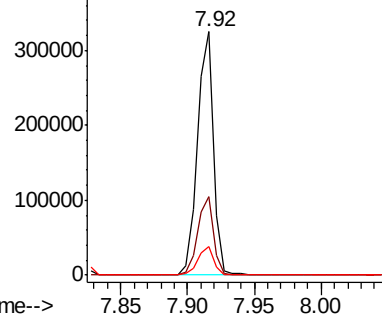
123 11.8 9.0 13.6

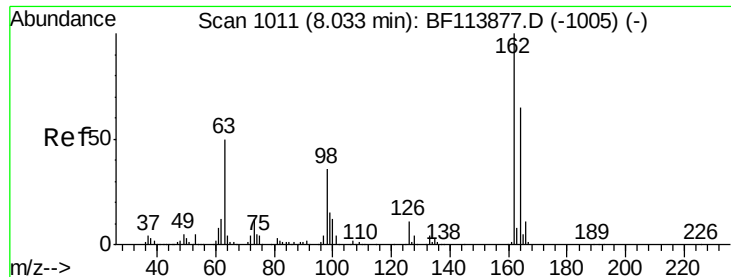


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

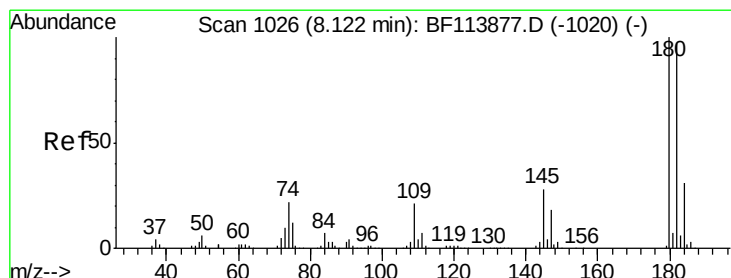
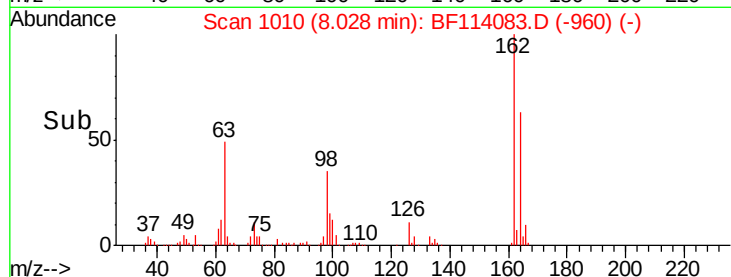
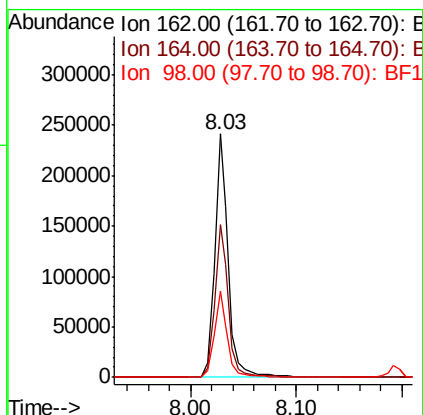
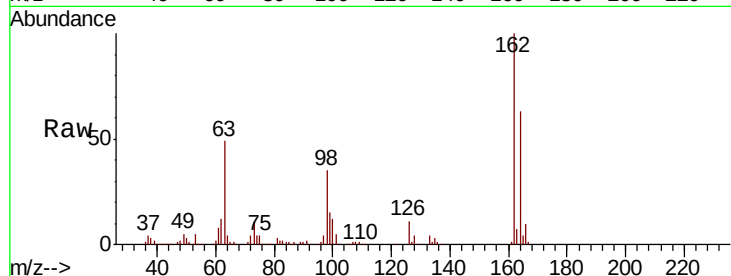




#29
2,4-Dichlorophenol
Concen: 47.200 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

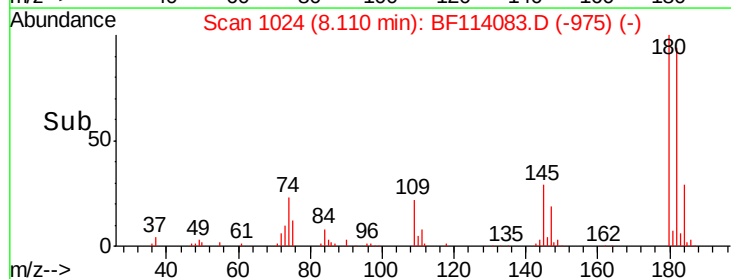
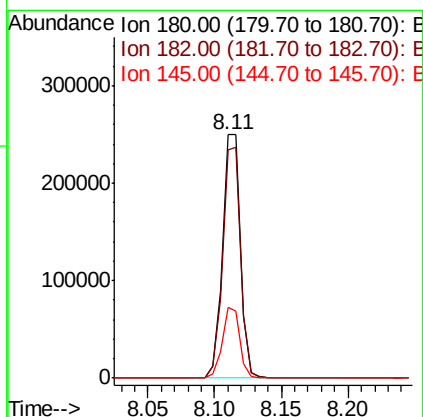
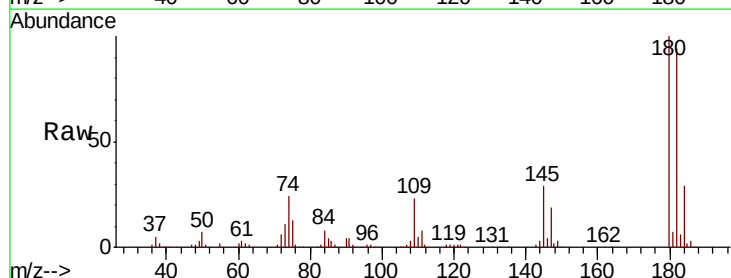
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

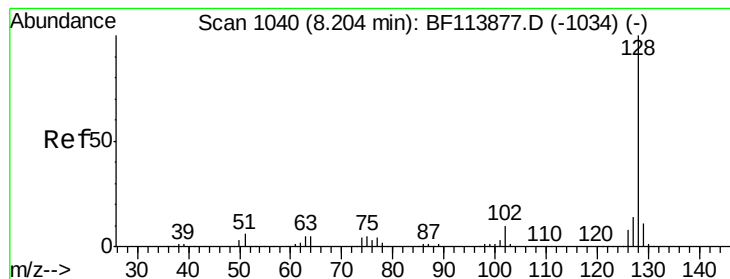
Tot Ion:162 Resp: 218007
Ion Ratio Lower Upper
162 100
164 62.8 43.7 83.7
98 35.3 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 46.146 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:180 Resp: 237652
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.0
145 29.1 23.0 34.4





#31

Naphthalene

Concen: 47.543 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

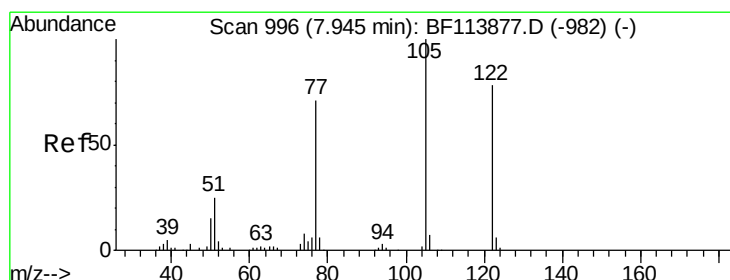
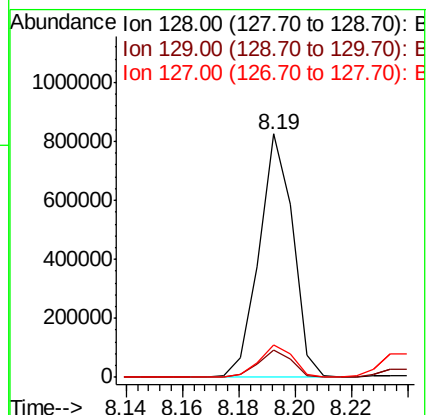
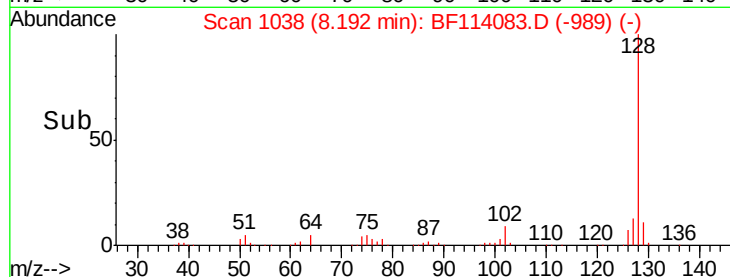
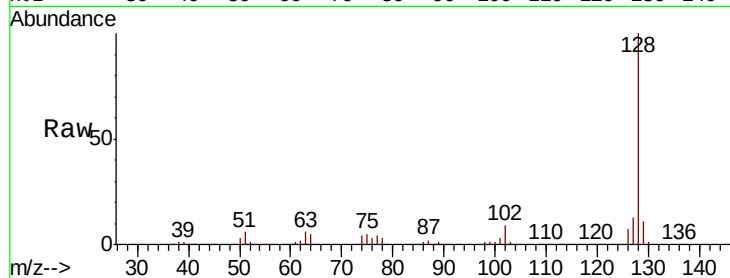
Tot Ion:128 Resp: 685823

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 17.402 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

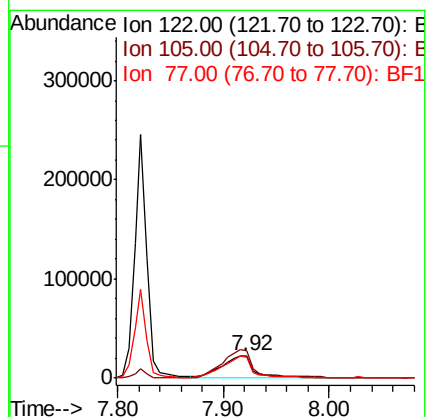
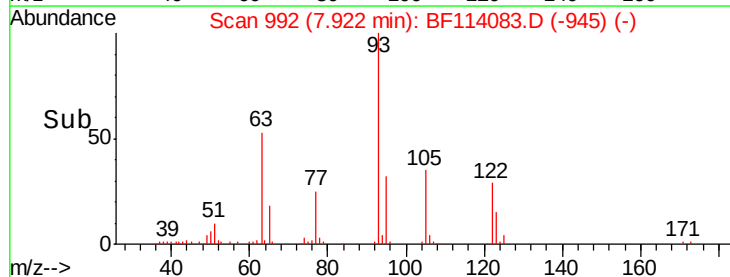
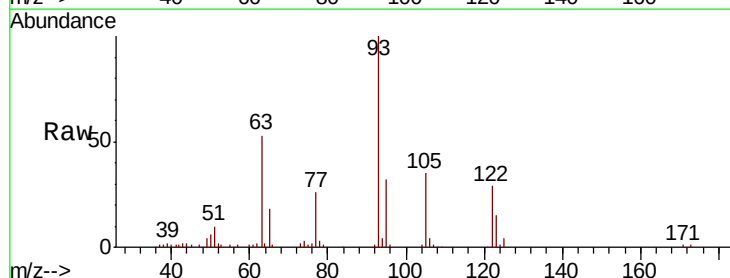
Tgt Ion:122 Resp: 47467

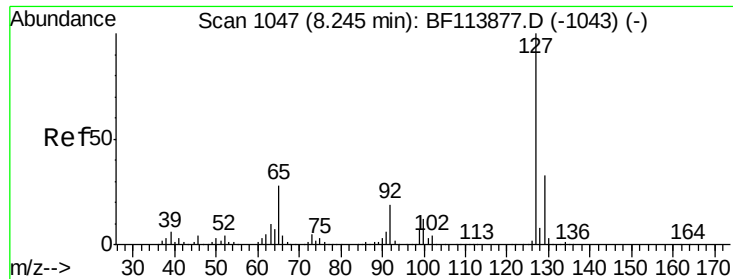
Ion Ratio Lower Upper

122 100

105 122.2 104.3 144.3

77 90.8 70.4 110.4

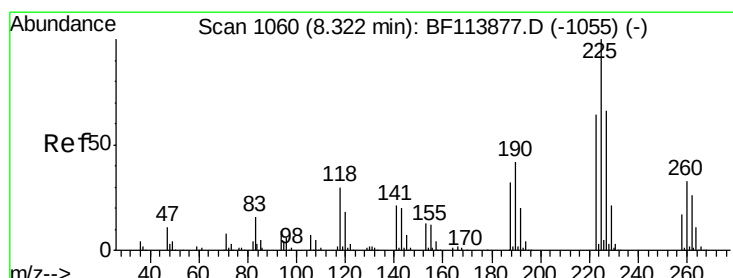
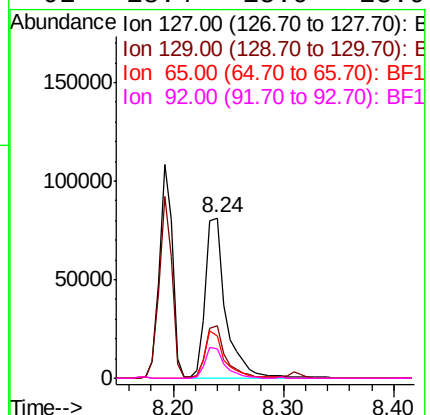
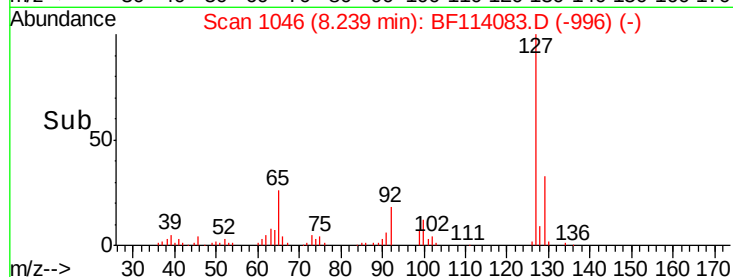
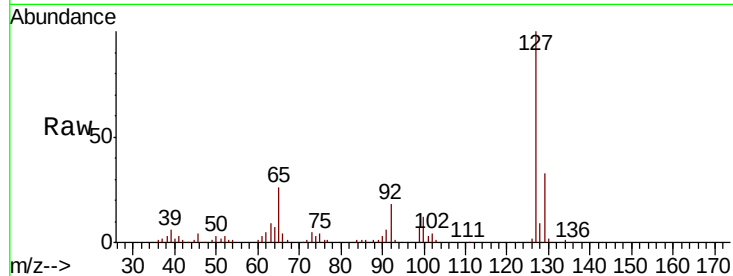




#33
4-Chloroaniline
Concen: 16.828 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

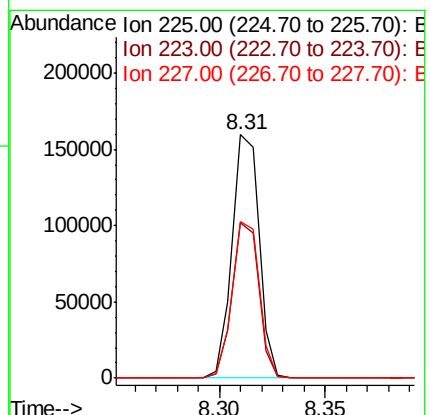
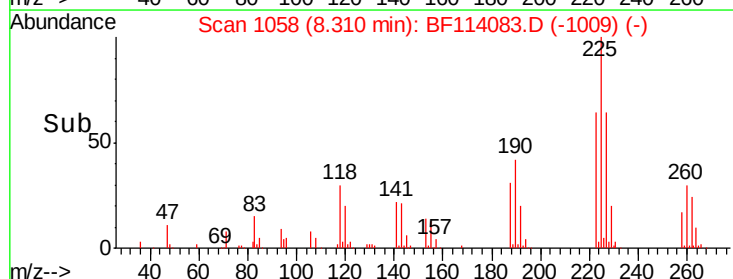
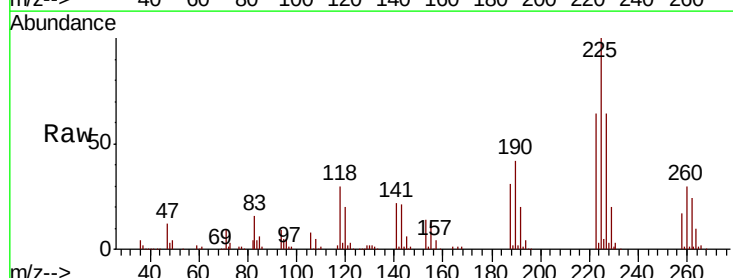
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

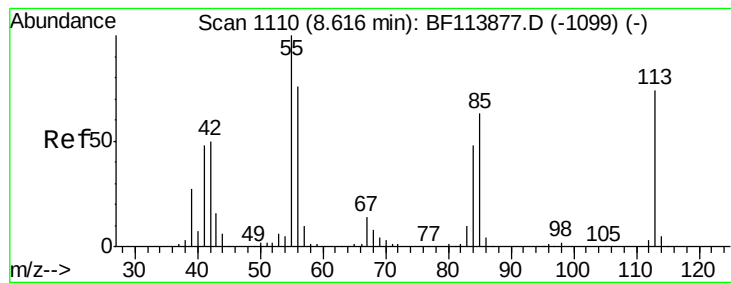
Tot Ion:	127	Resp:	102716
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	26.1	24.9	37.3
92	18.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 44.102 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:	225	Resp:	141588
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	64.4	49.9	74.9





#35

Caprolactam

Concen: 29.352 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

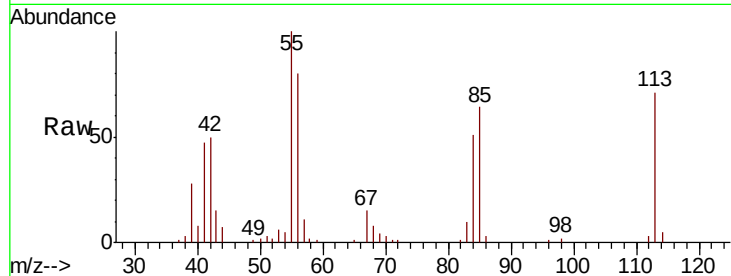
Tot Ion:113 Resp: 43127

Ion Ratio Lower Upper

113 100

55 139.9 128.6 168.6

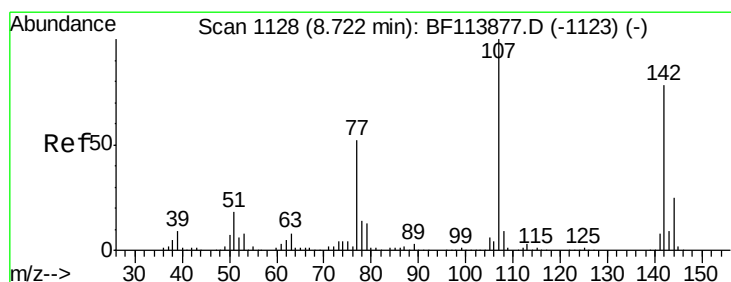
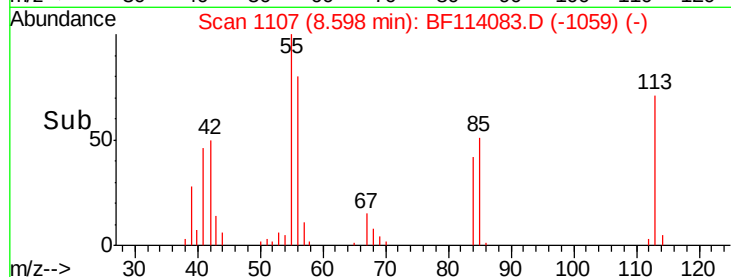
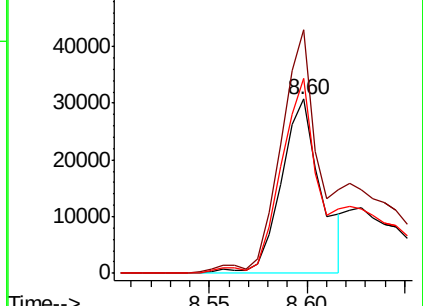
56 111.8 91.9 131.9



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: 43.193 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

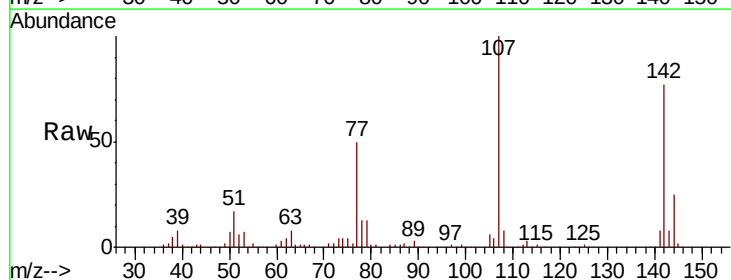
Tgt Ion:107 Resp: 197650

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

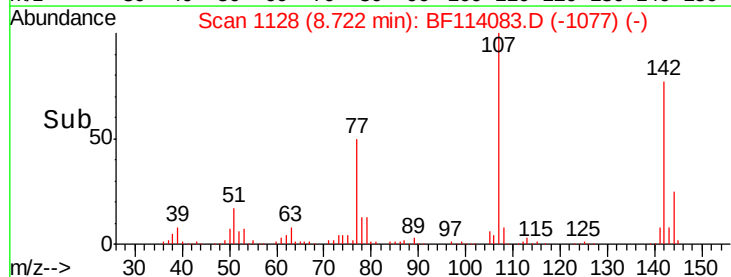
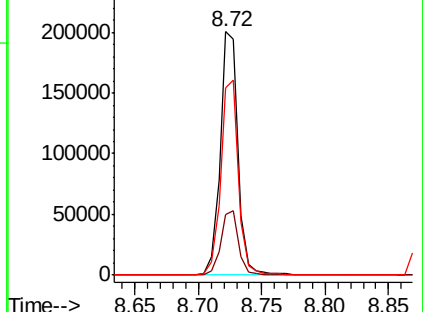
142 77.1 64.2 96.4

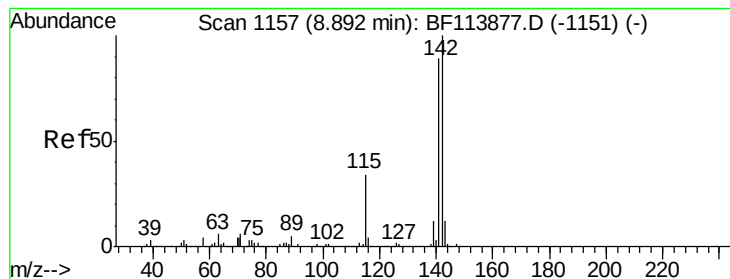


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.516 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

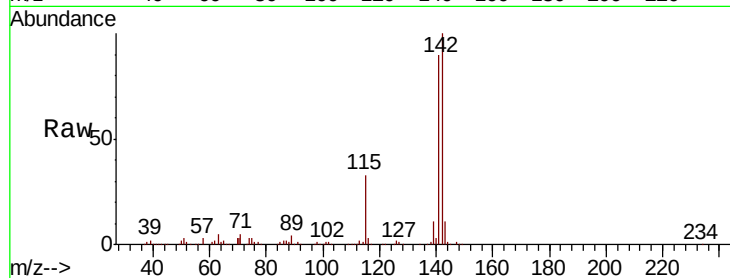
Tot Ion:142 Resp: 462208

Ion Ratio Lower Upper

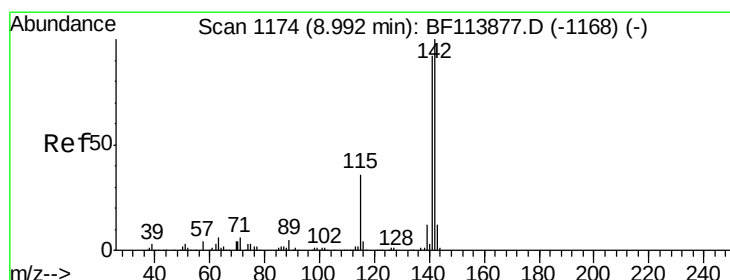
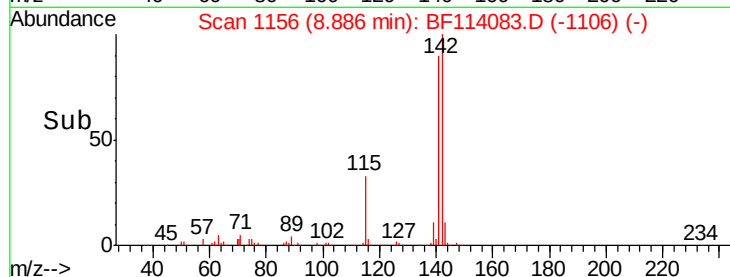
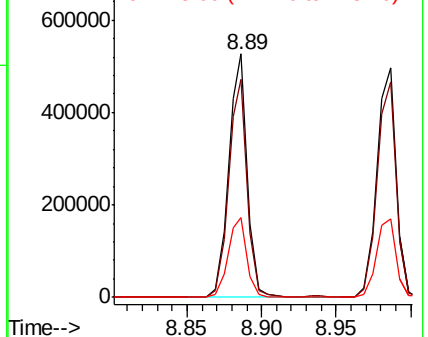
142 100

141 89.5 70.4 105.6

115 32.9 26.3 39.5



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: 46.385 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

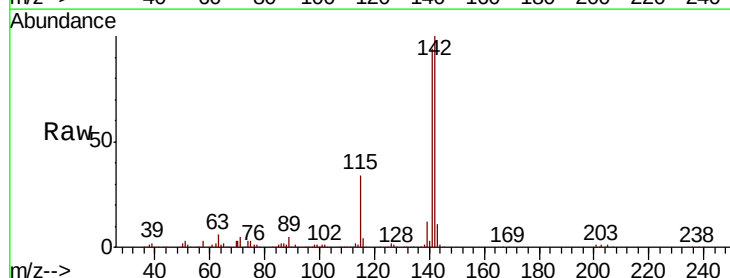
Tgt Ion:142 Resp: 435498

Ion Ratio Lower Upper

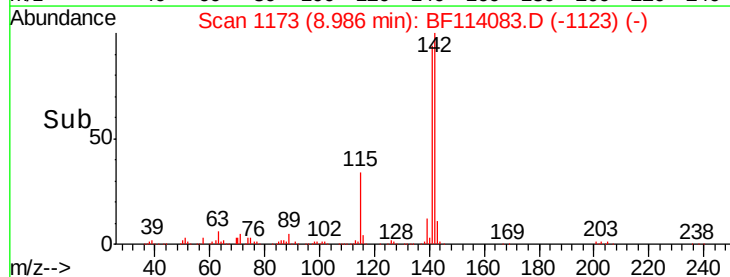
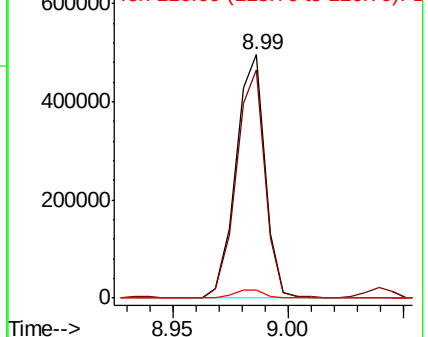
142 100

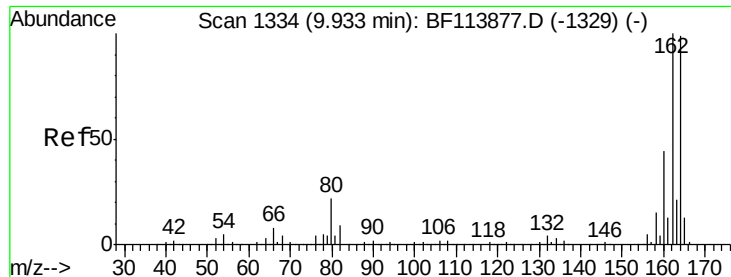
141 93.7 72.3 108.5

116 3.5 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

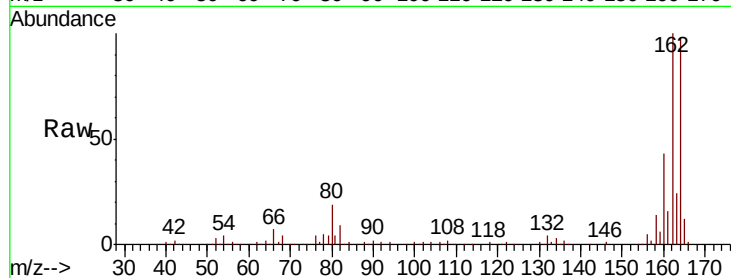
Tot Ion:164 Resp: 164653

Ion Ratio Lower Upper

164 100

162 101.8 81.1 121.7

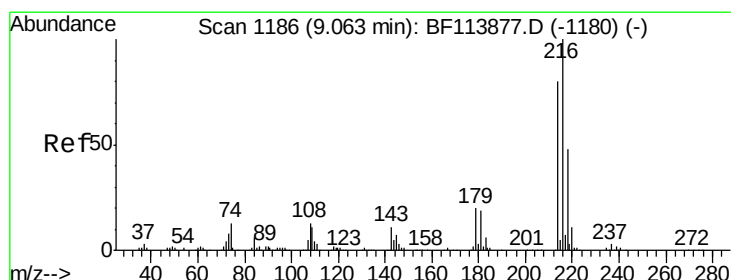
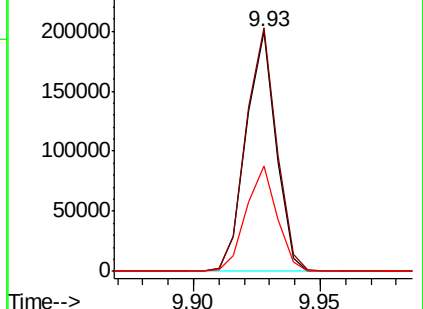
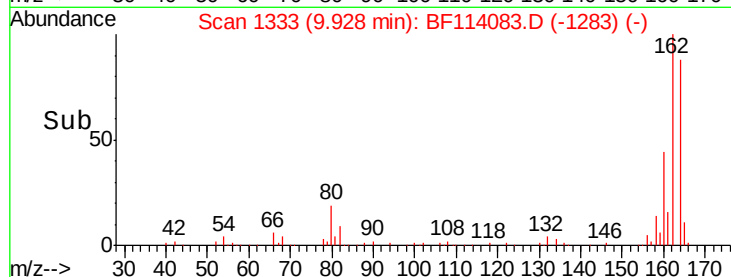
160 44.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.297 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Tgt Ion:216 Resp: 242271

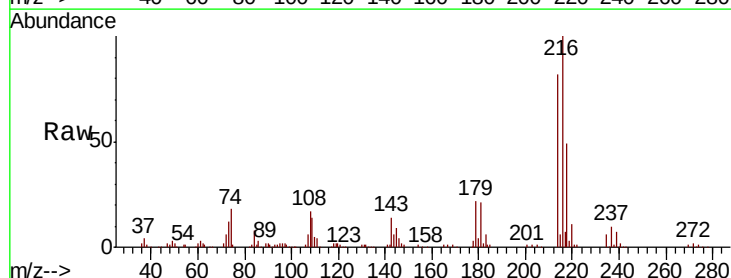
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 20.7 16.1 24.1

108 16.6 13.4 20.0

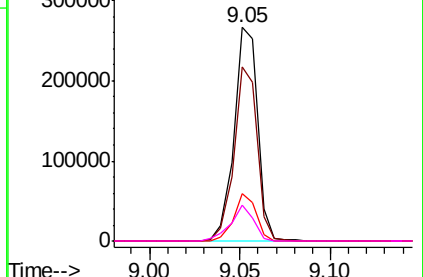
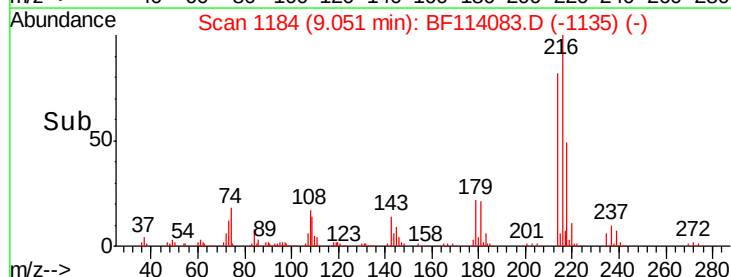


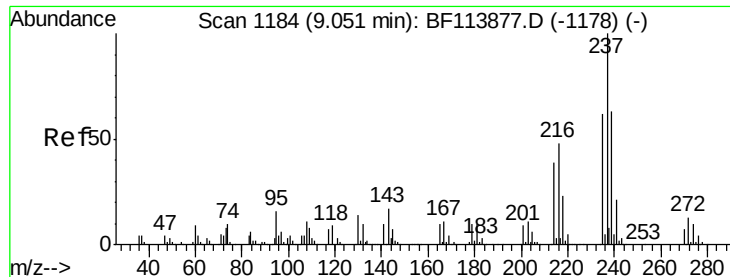
Abundance Ion 216.00 (215.70 to 216.70): E

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

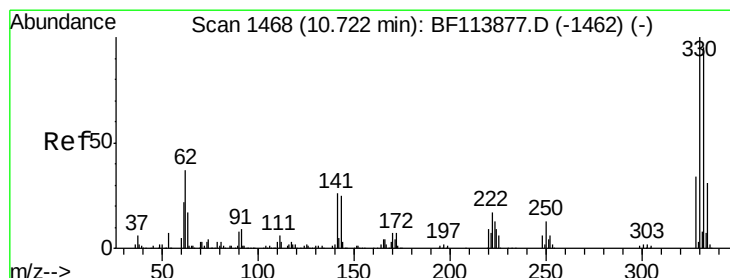
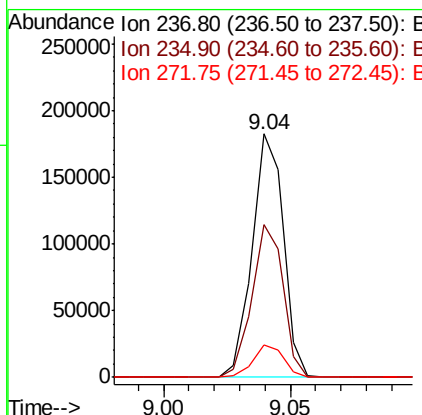
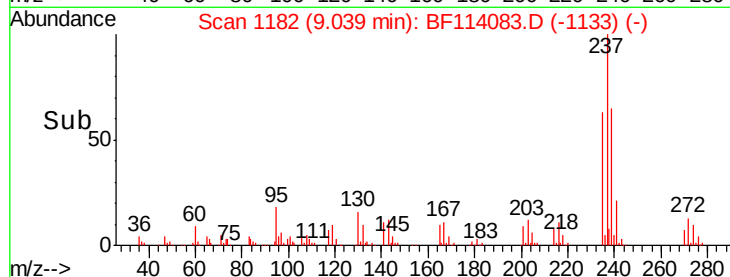
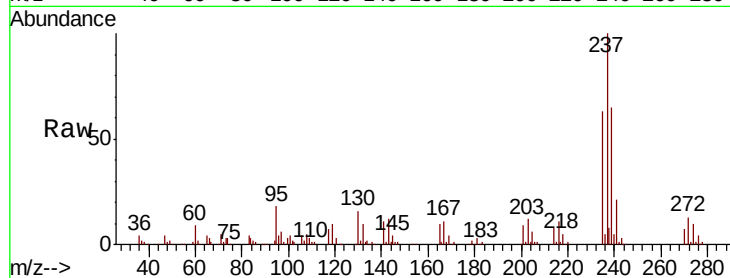




#41
Hexachlorocyclopentadiene
Concen: 52.774 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

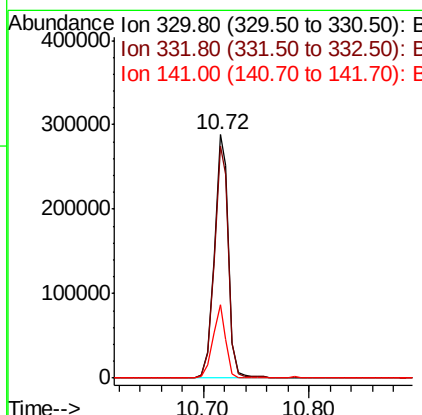
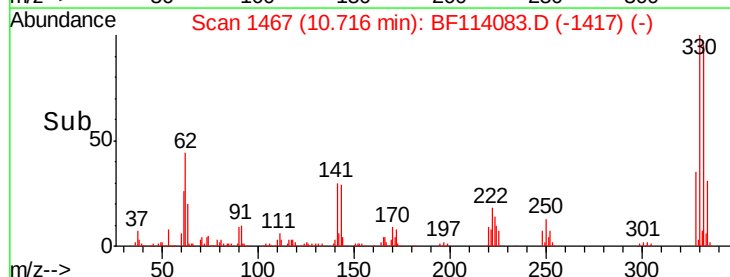
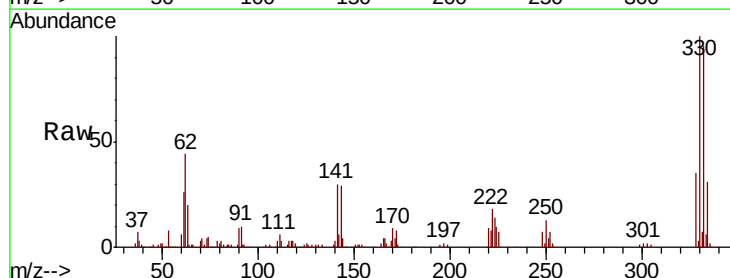
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

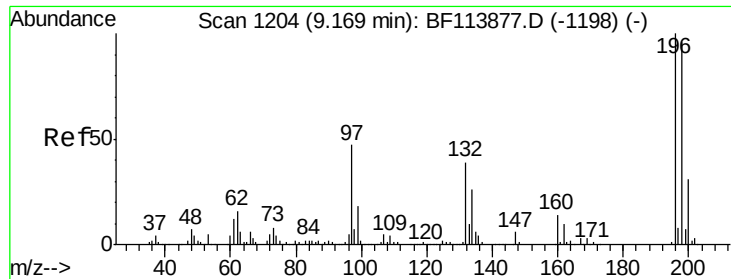
Tot Ion:237 Resp: 157400
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 136.404 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:330 Resp: 273600
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 27.6 22.2 33.2

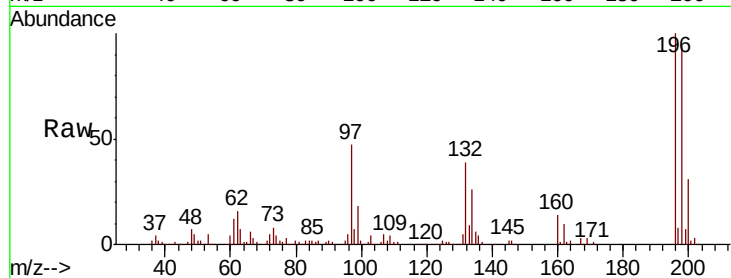




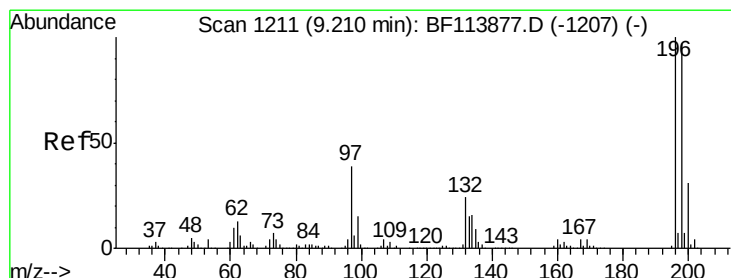
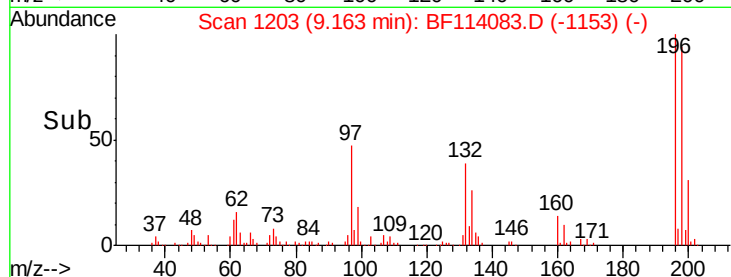
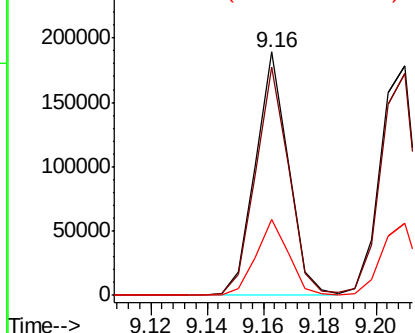
#43
 2,4,6-Trichlorophenol
 Concen: 45.322 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

Tot Ion:196 Resp: 153925
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.6 113.4
 200 31.1 24.7 37.1

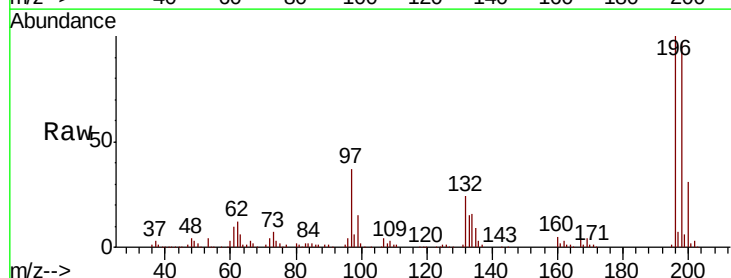


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

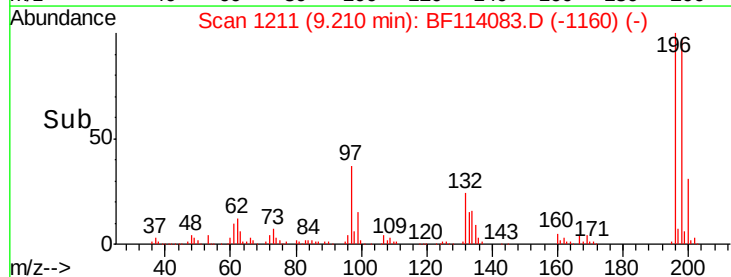
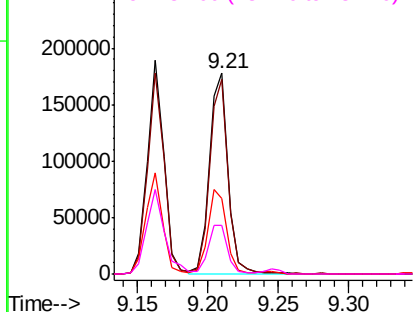


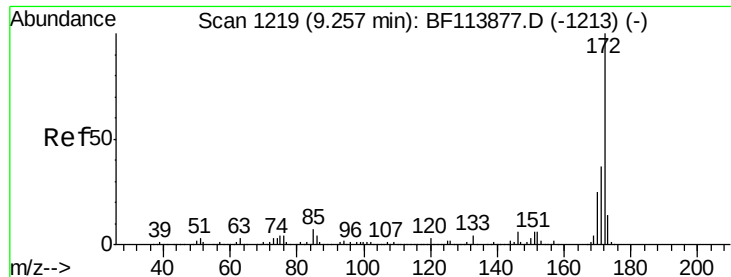
#44
 2,4,5-Trichlorophenol
 Concen: 42.905 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:196 Resp: 163442
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 97 37.5 35.8 53.8
 132 24.1 20.9 31.3



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

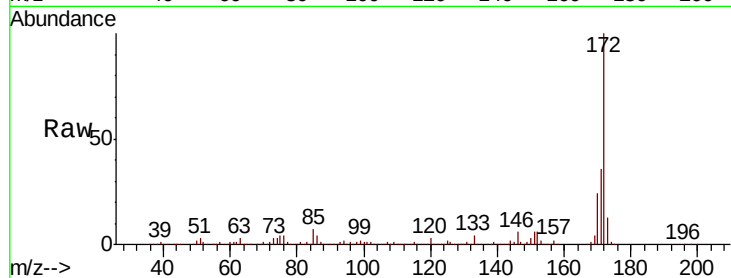




#45
2-Fluorobiphenyl
Concen: 89.884 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	19.9	29.9

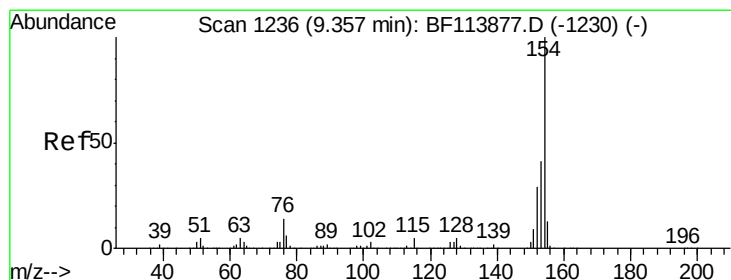
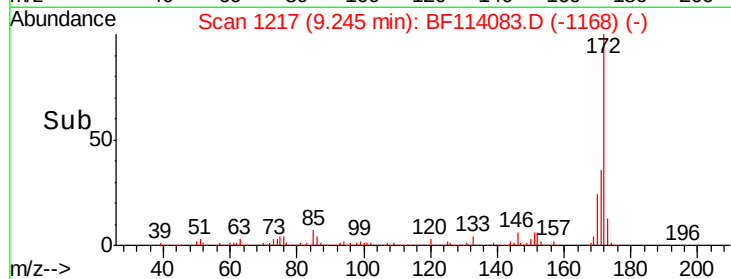
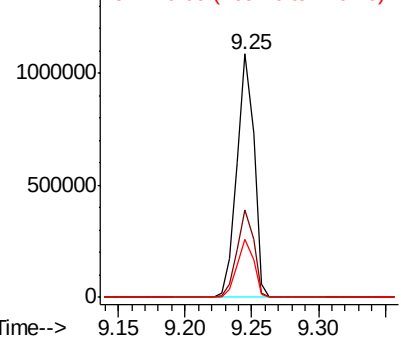


Abundance

Ion 172.00 (171.70 to 172.70): E

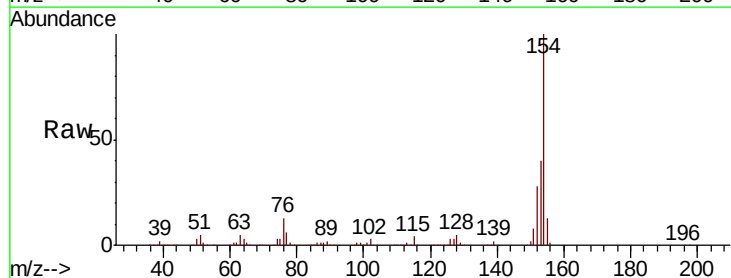
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.613 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	13.2	0.0	35.2

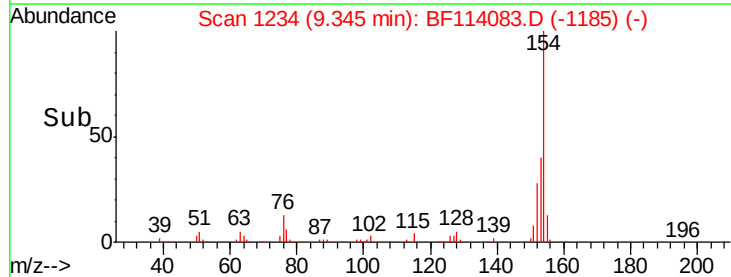
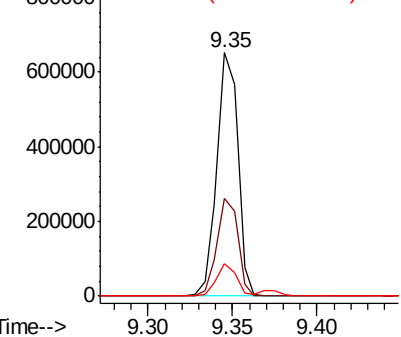


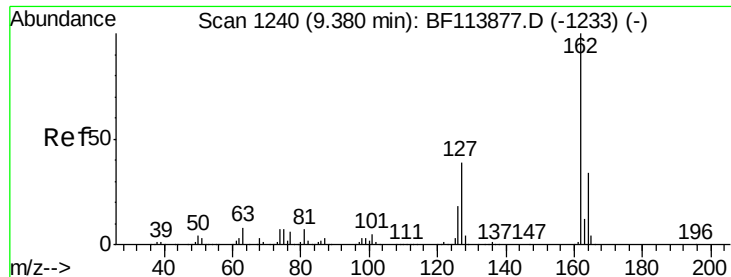
Abundance

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

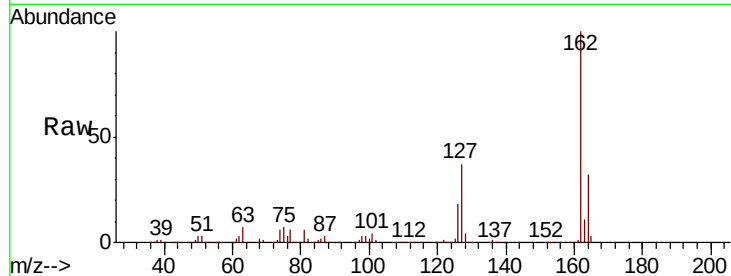




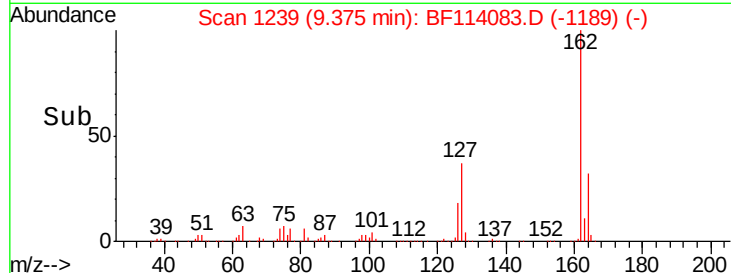
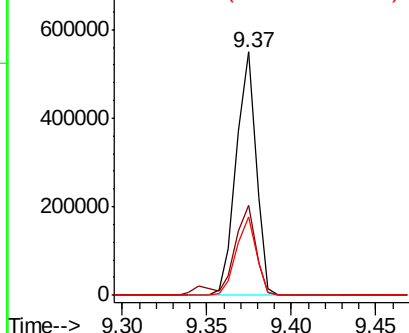
#47
2-Chloronaphthalene
Concen: 44.182 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:162 Resp: 451928
Ion Ratio Lower Upper
162 100
127 37.1 29.3 43.9
164 32.5 27.1 40.7

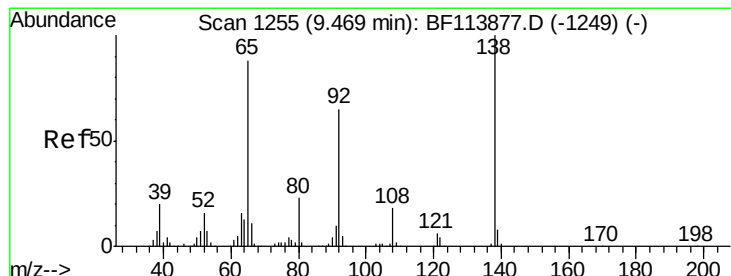


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

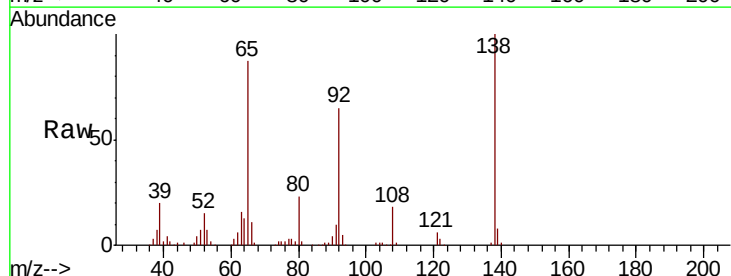
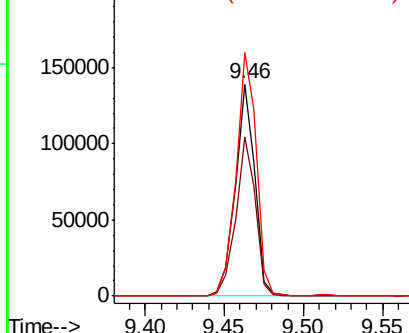


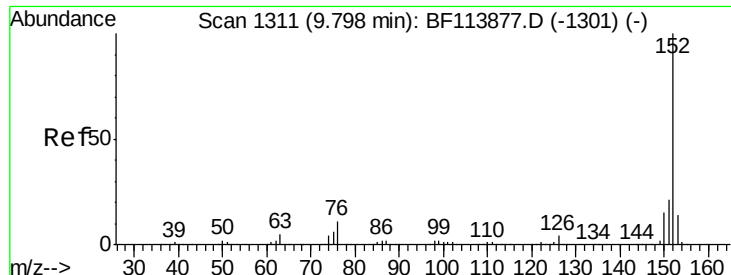
#48
2-Nitroaniline
Concen: 44.444 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion: 65 Resp: 119176
Ion Ratio Lower Upper
65 100
92 75.1 57.4 86.0
138 114.9 85.4 128.0



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





#49

Acenaphthylene

Concen: 41.745 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

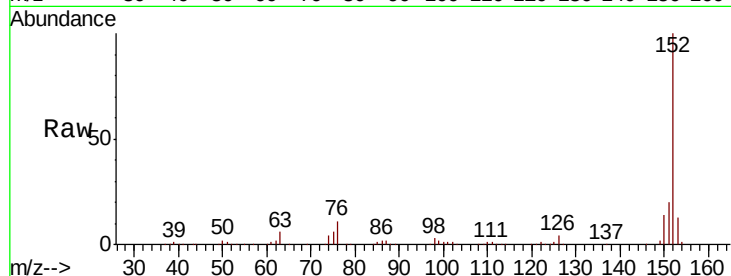
Tot Ion:152 Resp: 668481

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

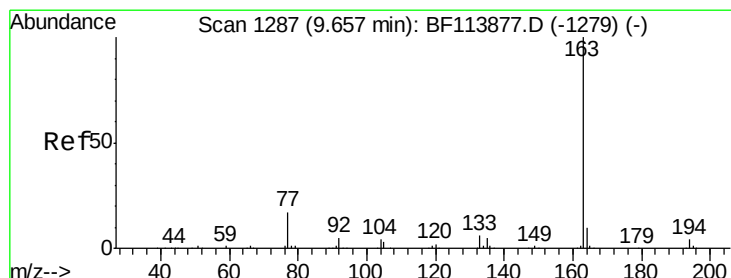
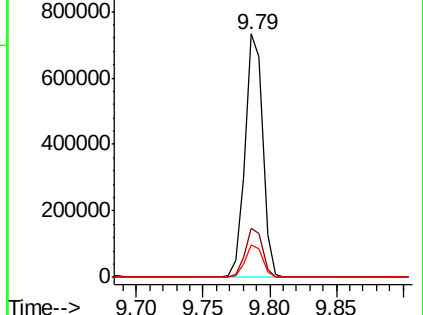
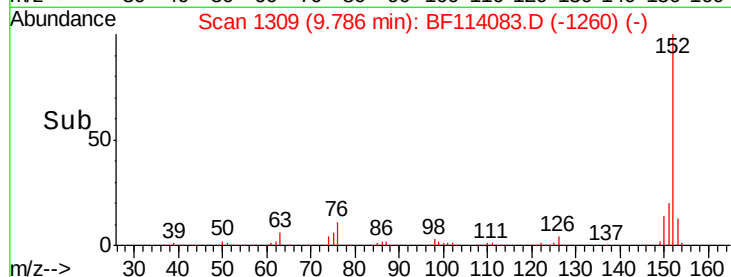
153 13.4 11.0 16.6



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: 51.725 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

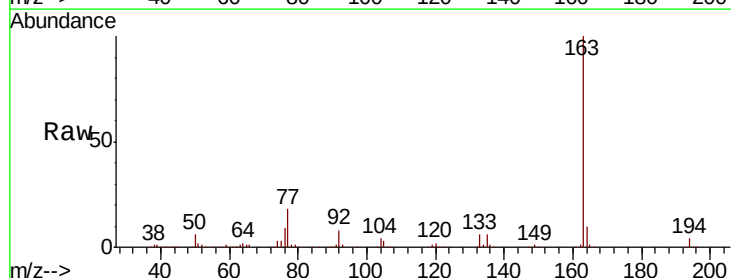
Tgt Ion:163 Resp: 615942

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

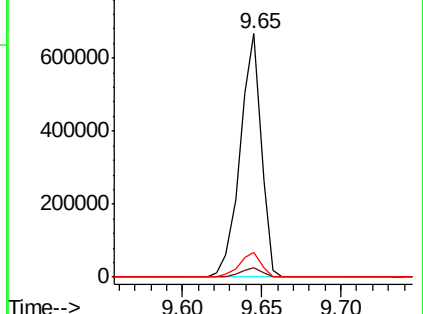
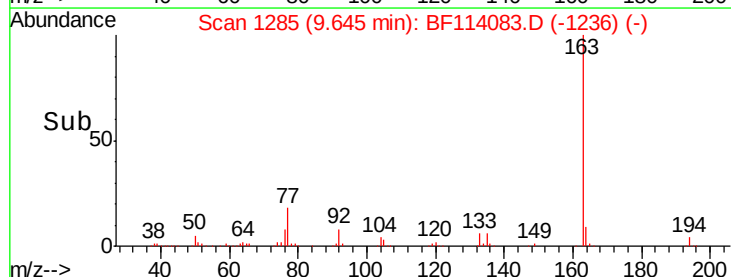
164 10.0 8.5 12.7

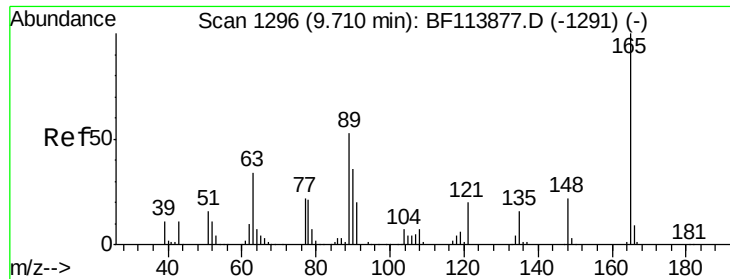


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.919 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

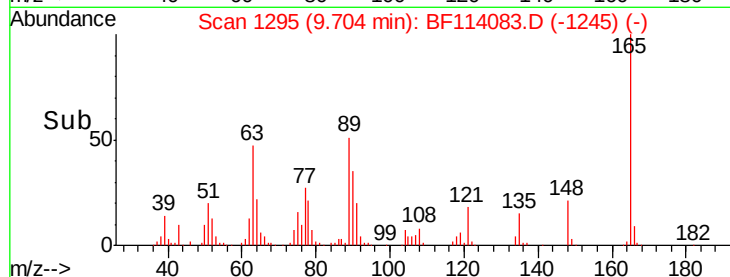
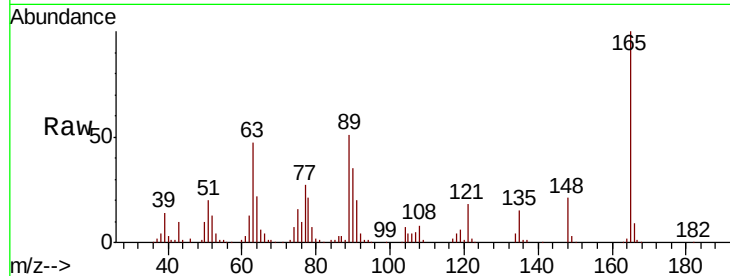
Tot Ion:165 Resp: 117309

Ion Ratio Lower Upper

165 100

63 47.3 33.8 50.8

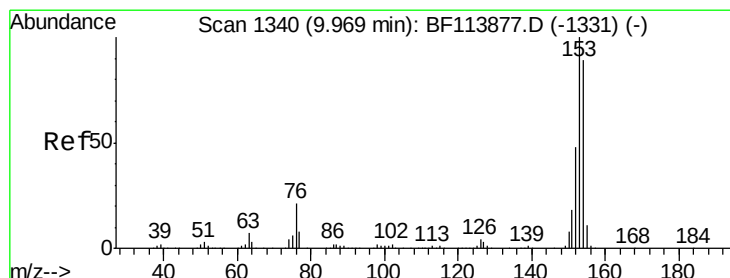
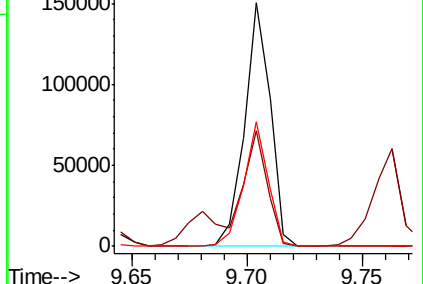
89 51.4 38.2 57.2



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: 45.983 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

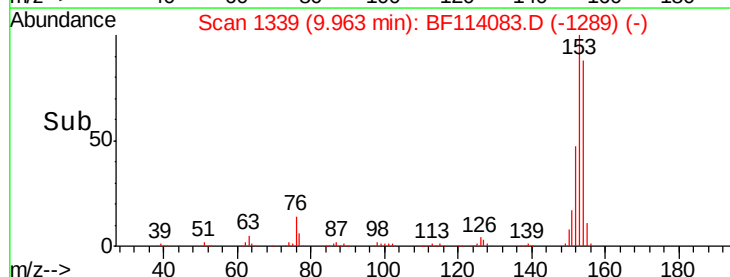
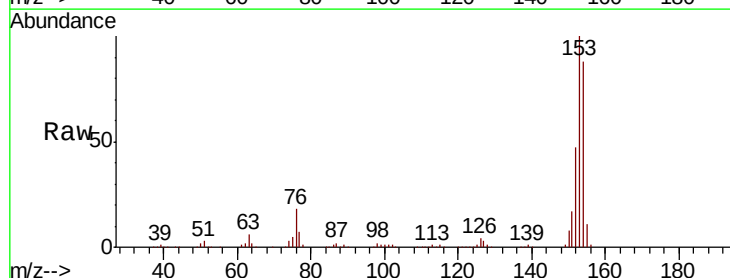
Tgt Ion:154 Resp: 435166

Ion Ratio Lower Upper

154 100

153 113.3 87.2 130.8

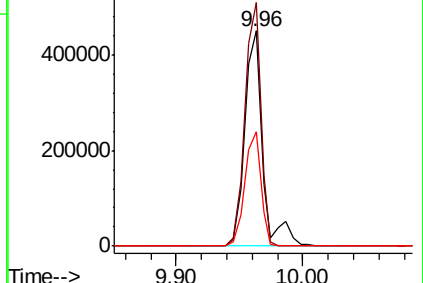
152 53.5 42.3 63.5

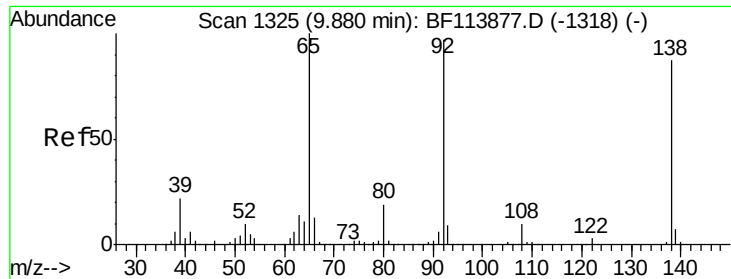


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

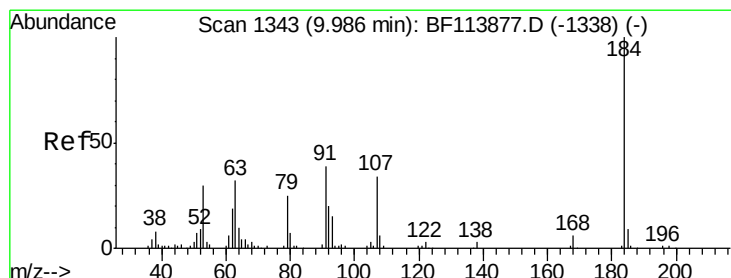
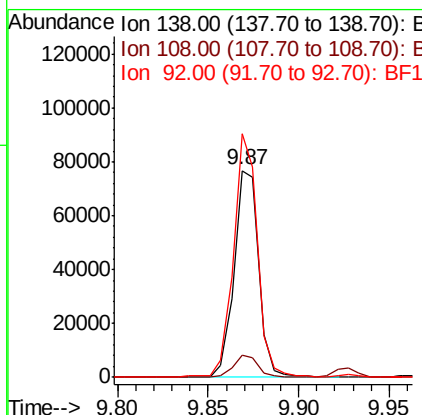
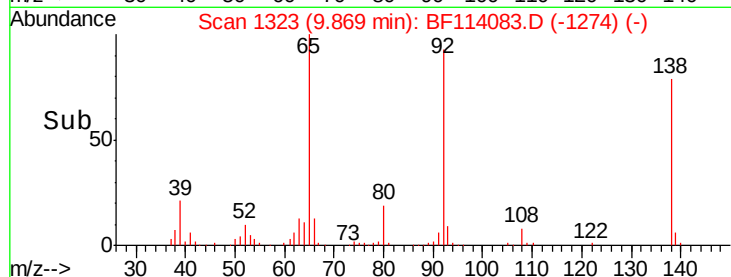
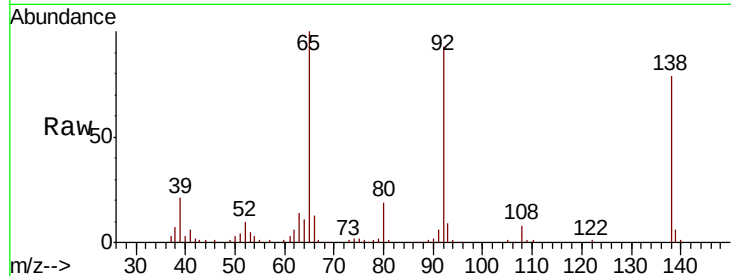




#53
 3-Nitroaniline
 Concen: 27.142 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

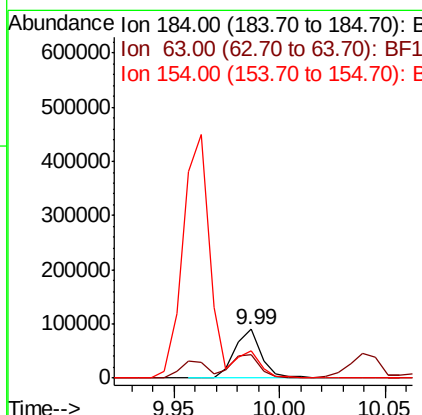
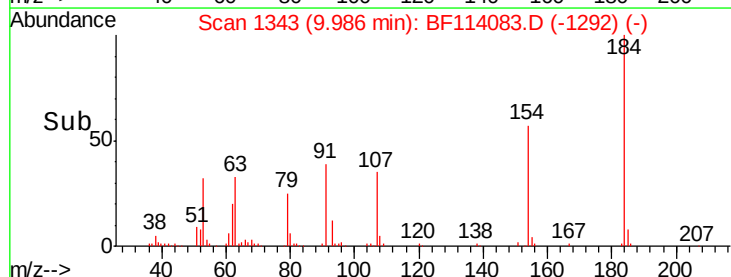
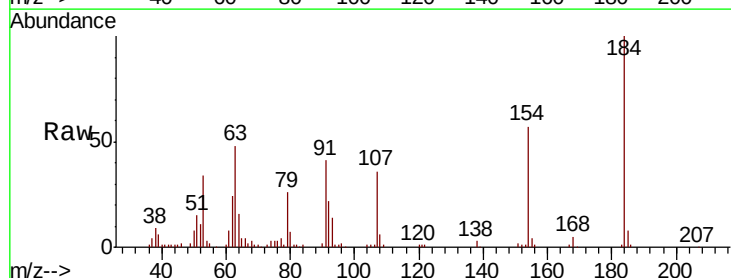
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

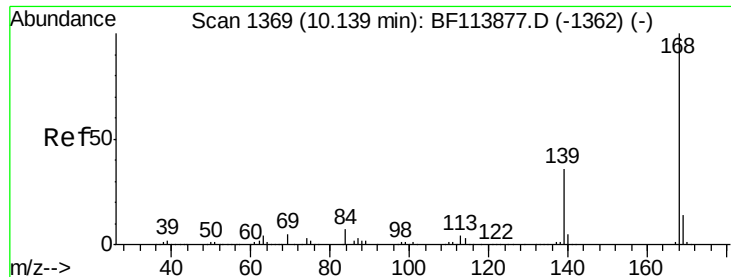
Tot Ion:138 Resp: 72865
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.4 14.2
 92 117.6 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 72.947 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:184 Resp: 79724
 Ion Ratio Lower Upper
 184 100
 63 48.1 54.6 81.8#
 154 56.6 218.6 328.0#

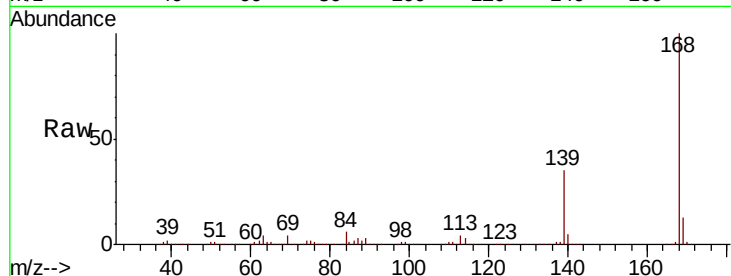




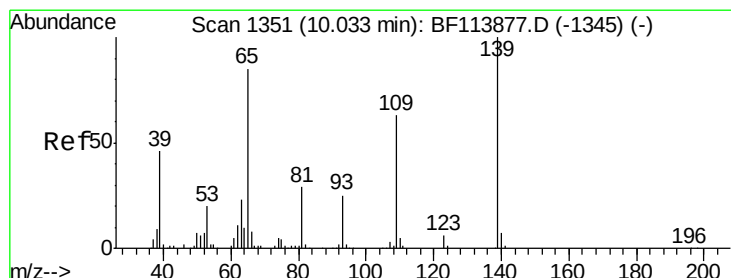
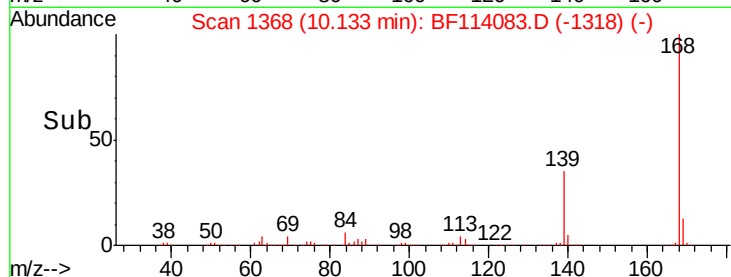
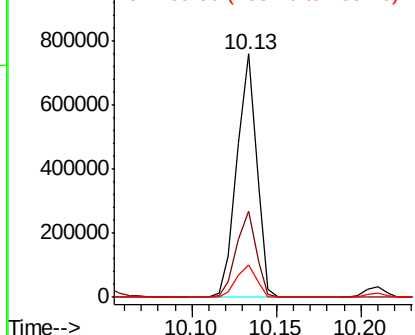
#55
Dibenzofuran
Concen: 43.807 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:168 Resp: 621010
Ion Ratio Lower Upper
168 100
139 35.4 27.8 41.6
169 13.4 11.0 16.6

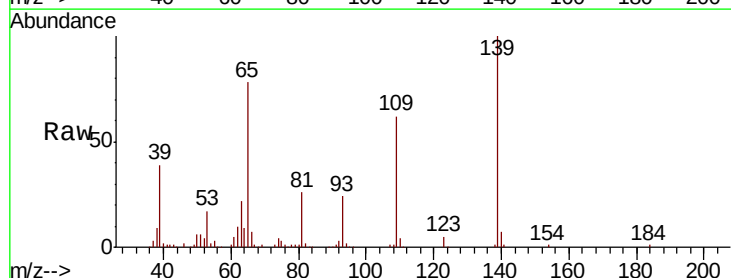


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

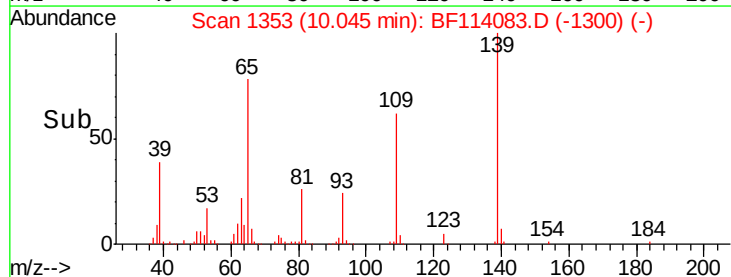
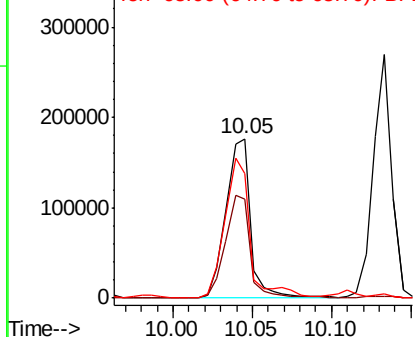


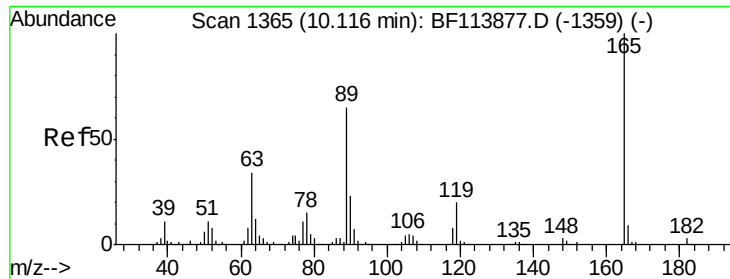
#56
4-Nitrophenol
Concen: 90.232 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:139 Resp: 191793
Ion Ratio Lower Upper
139 100
109 62.5 42.9 82.9
65 78.0 64.4 104.4



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

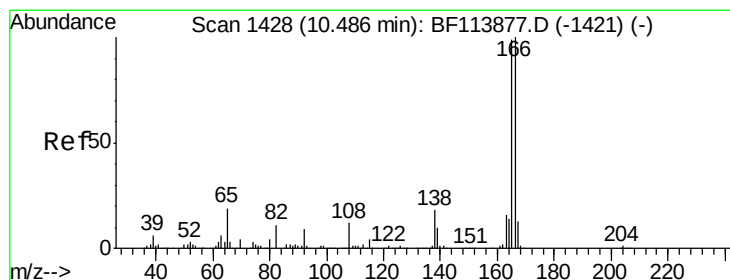
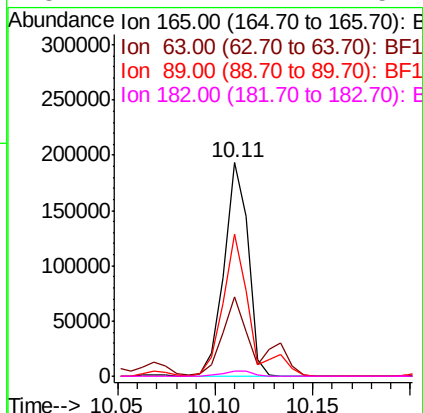
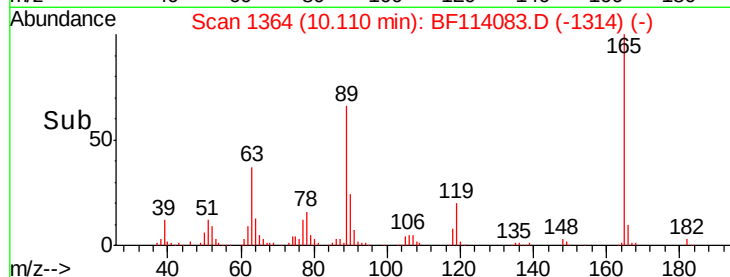
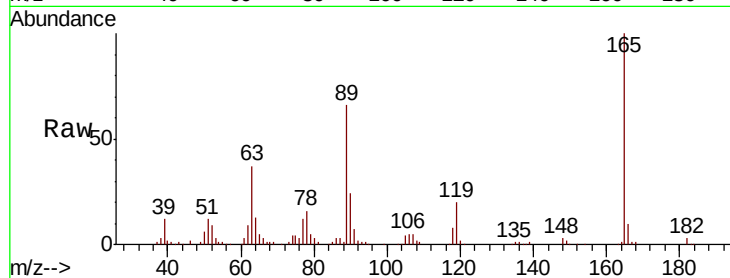




#57
2,4-Dinitrotoluene
Concen: 51.195 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

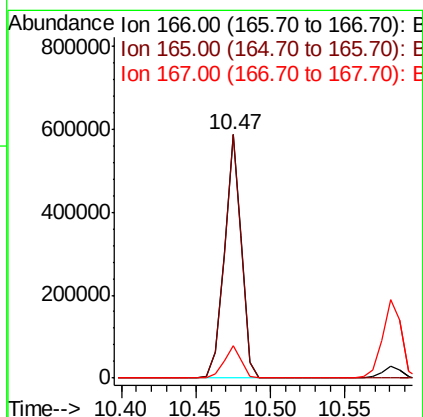
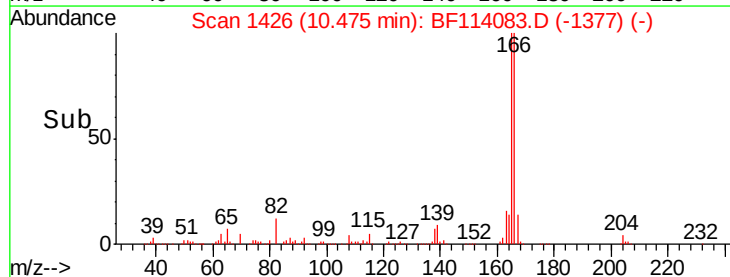
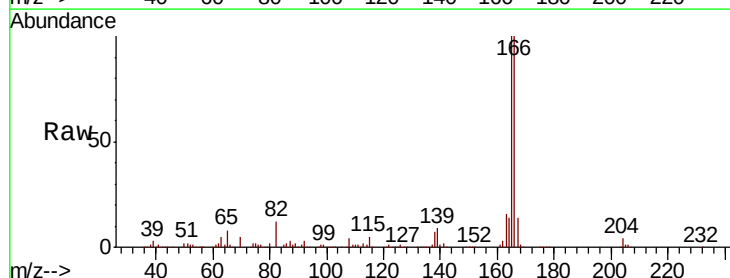
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

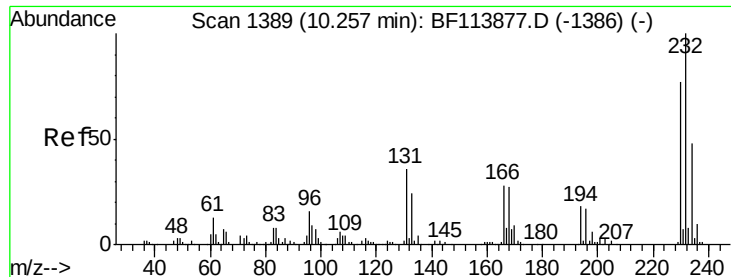
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	27.4	41.0
89	66.3	51.8	77.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 44.249 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.4	117.6
167	13.6	10.9	16.3

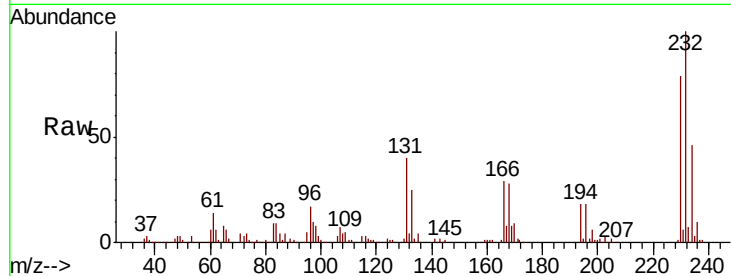




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.148 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	30.2	45.2
130	1.8	1.5	2.3
166	27.4	22.2	33.4



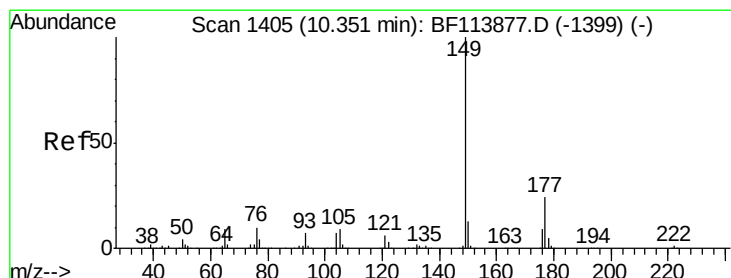
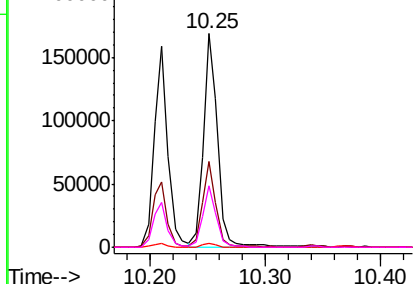
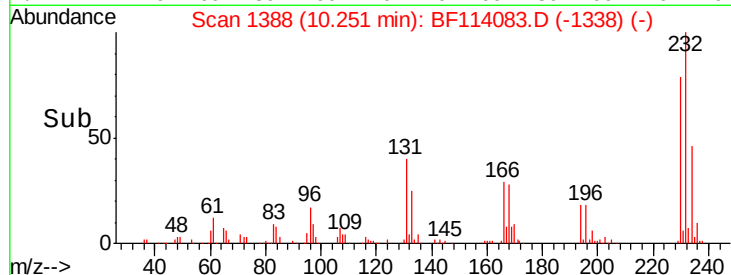
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

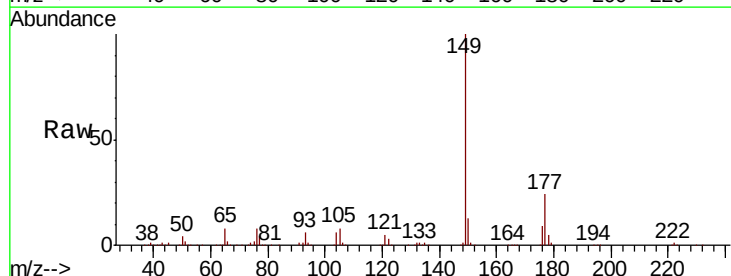
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.338 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.2	28.8
150	12.6	10.3	15.5

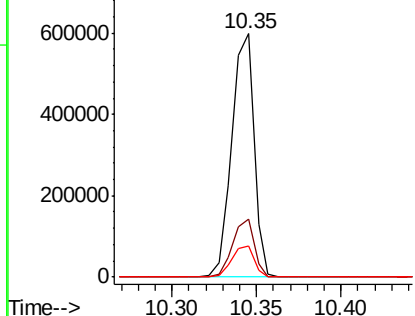
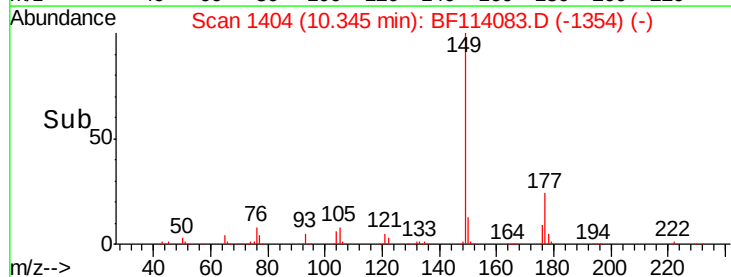


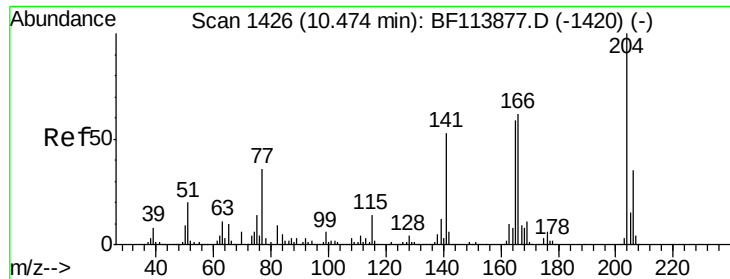
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

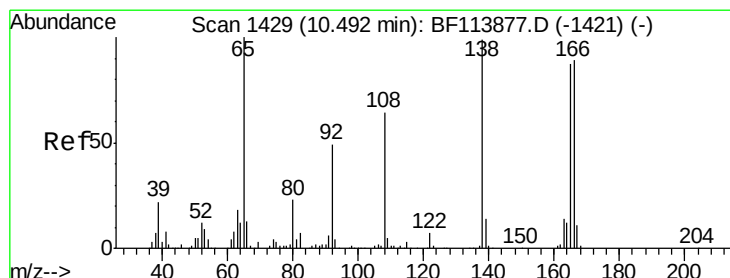
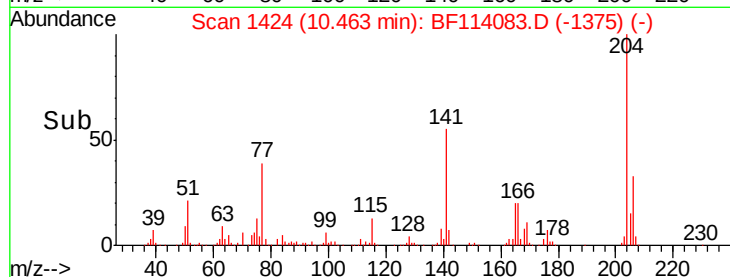
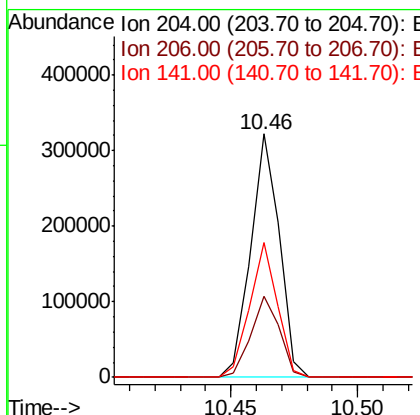
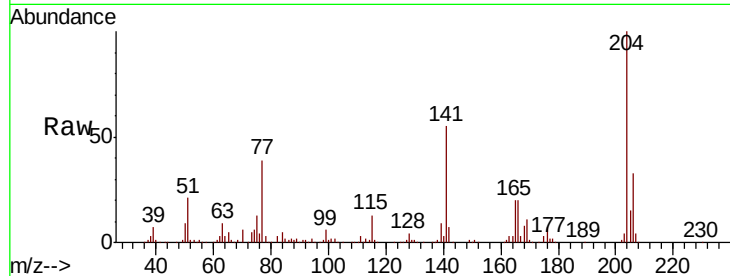




#61
 4-Chlorophenyl-phenylether
 Concen: 44.772 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

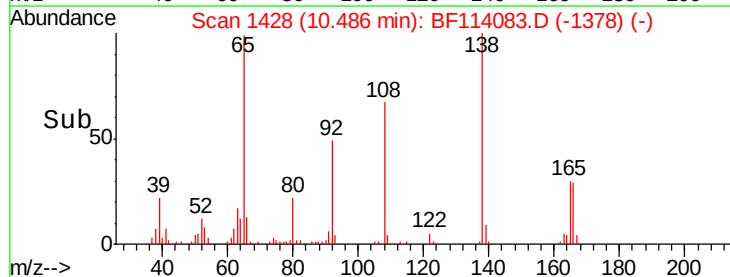
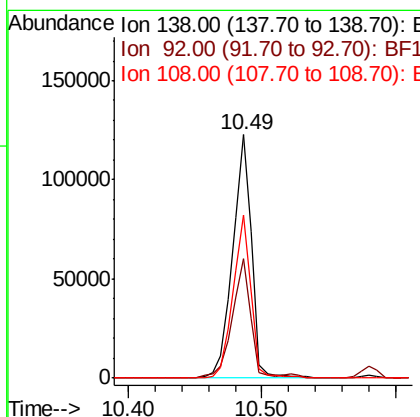
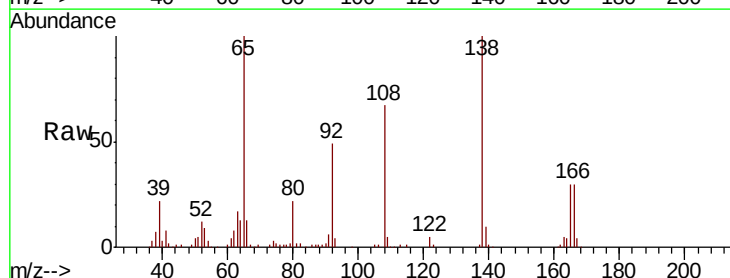
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

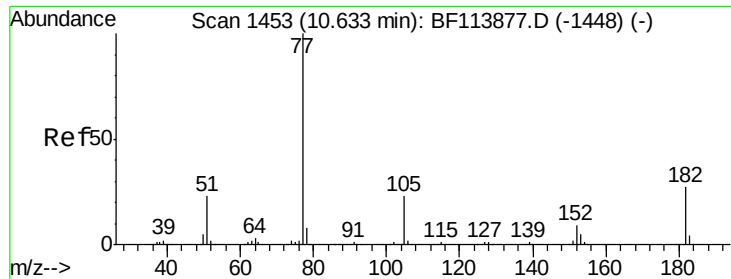
Tot Ion:	204	Resp:	253063
Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	55.4	42.6	63.8



#62
 4-Nitroaniline
 Concen: 46.766 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:	138	Resp:	122516
Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.3	71.3
108	67.2	48.9	88.9

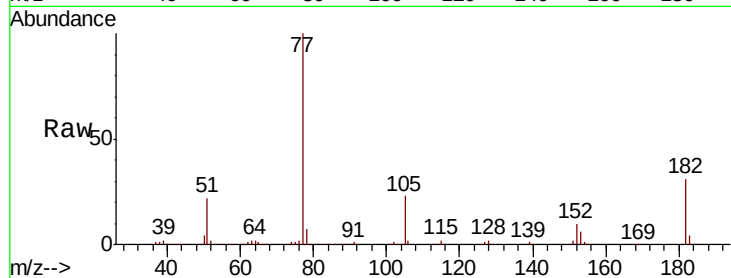




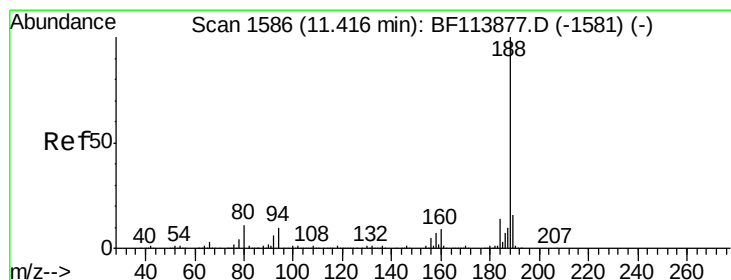
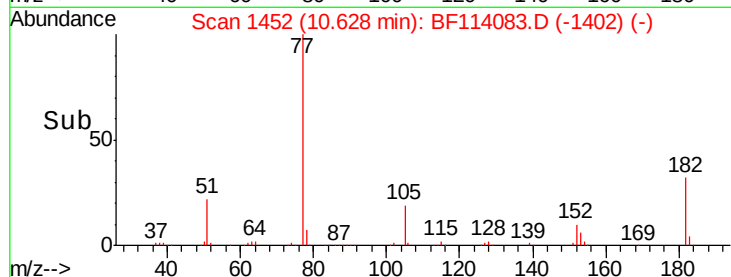
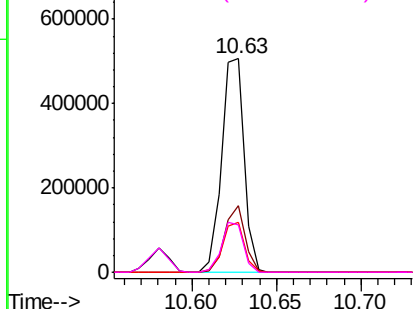
#63
Azobenzene
Concen: 42.932 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion: 77 Resp: 470524
Ion Ratio Lower Upper
77 100
182 31.1 4.4 44.4
105 23.2 2.2 42.2
51 22.3 3.9 43.9

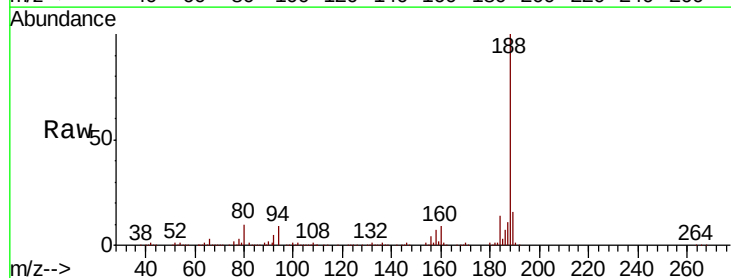


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

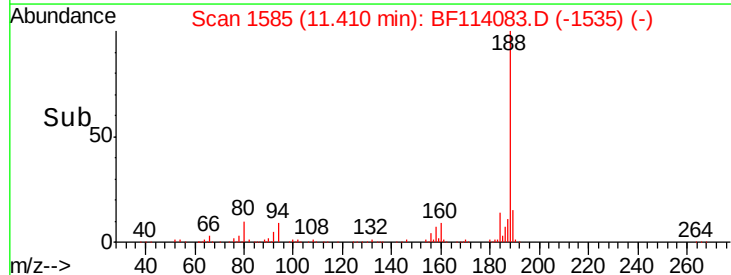
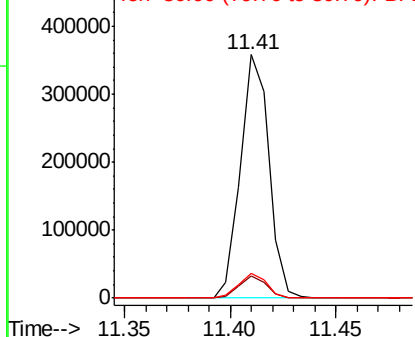


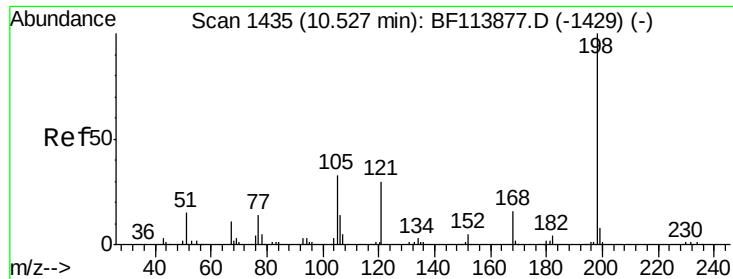
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion: 188 Resp: 335291
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.4 9.0 13.6



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

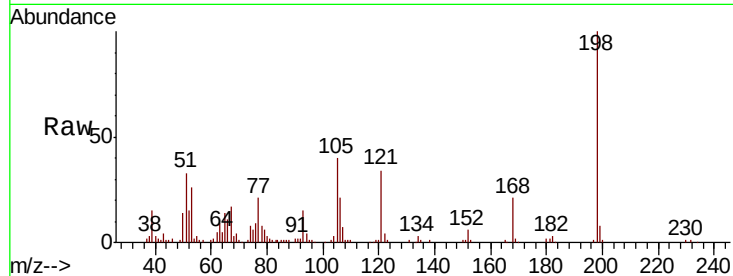




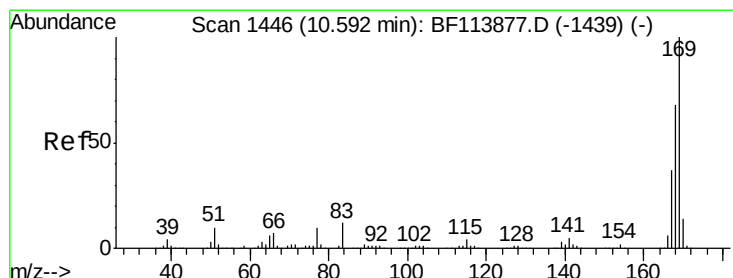
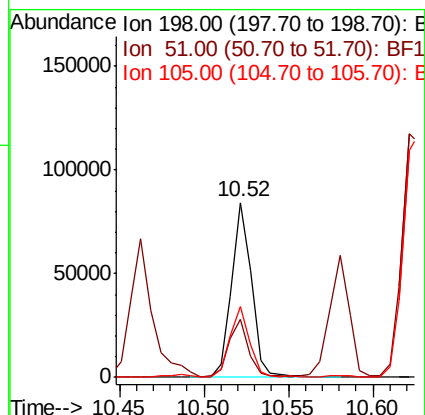
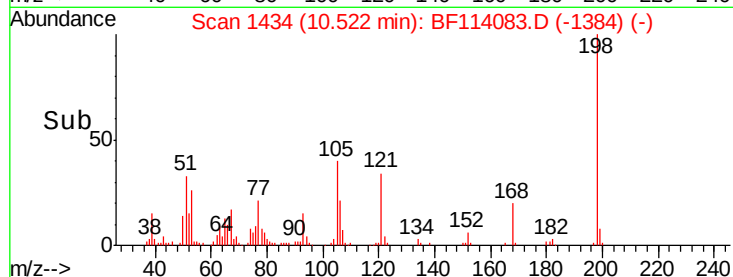
#65
4,6-Dinitro-2-methylphenol
Concen: 45.428 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:198 Resp: 69103
Ion Ratio Lower Upper
198 100
51 33.3 11.1 51.1
105 40.2 20.7 60.7

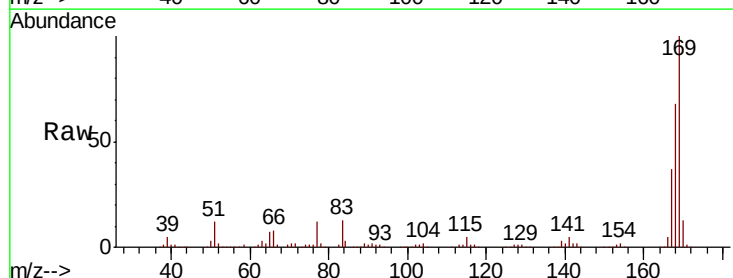


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

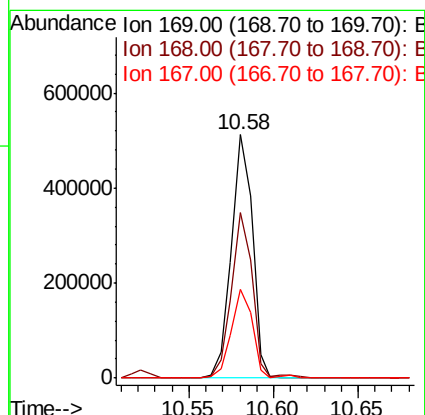
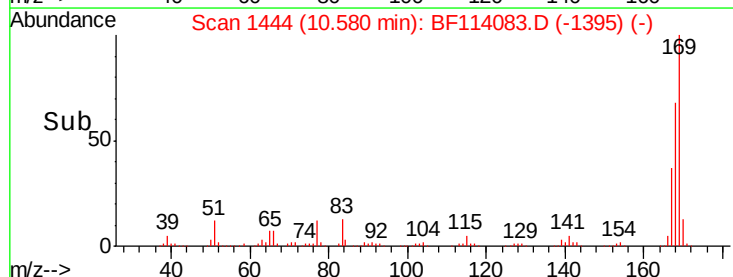


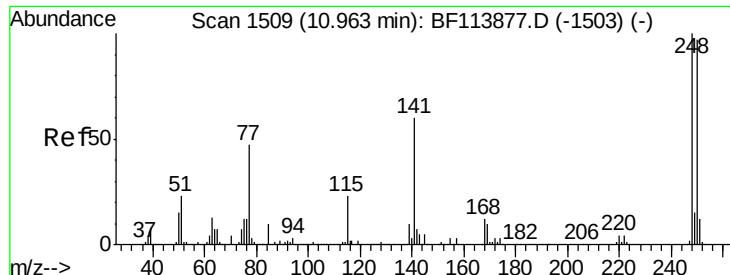
#66
n-Nitrosodiphenylamine
Concen: 44.149 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:169 Resp: 444159
Ion Ratio Lower Upper
169 100
168 67.7 54.3 81.5
167 36.7 29.4 44.0



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

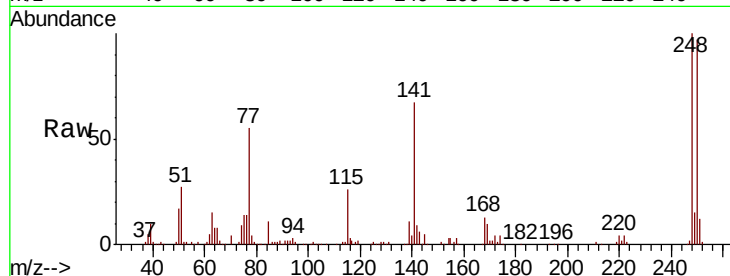




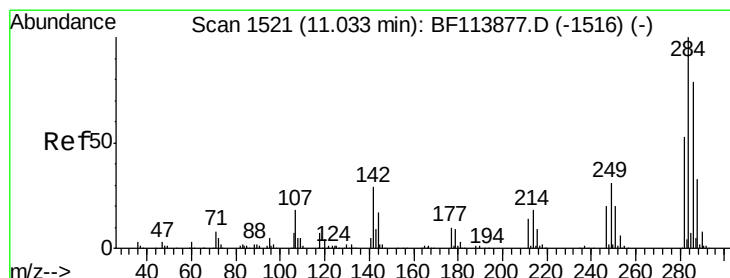
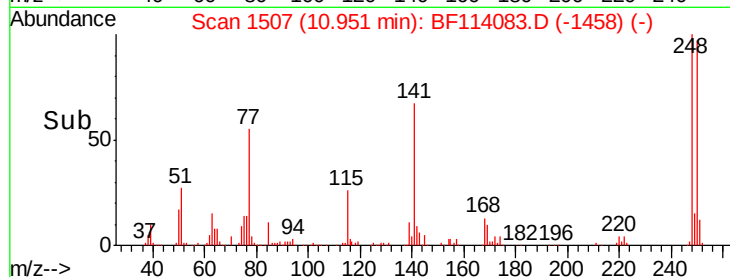
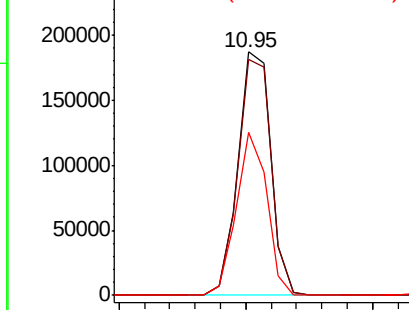
#67
4-Bromophenyl-phenylether
Concen: 41.513 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion:248 Resp: 168145
Ion Ratio Lower Upper
248 100
250 96.6 75.8 113.6
141 67.0 50.2 75.4

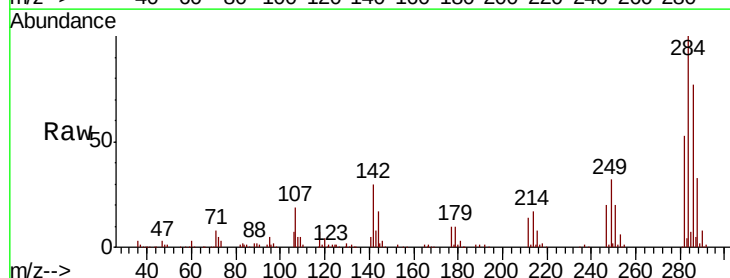


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

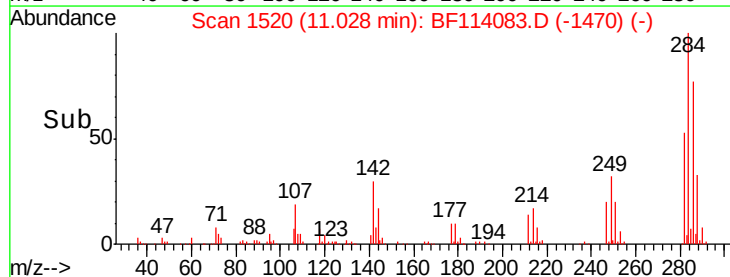
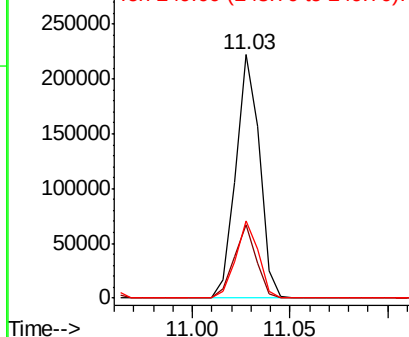


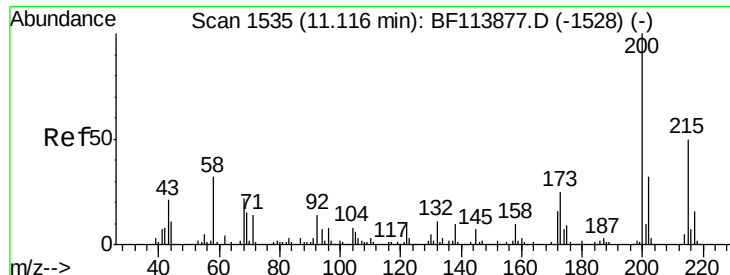
#68
Hexachlorobenzene
Concen: 42.090 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:284 Resp: 187343
Ion Ratio Lower Upper
284 100
142 30.3 23.0 34.4
249 31.7 24.4 36.6



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





#69

Atrazine

Concen: 45.617 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

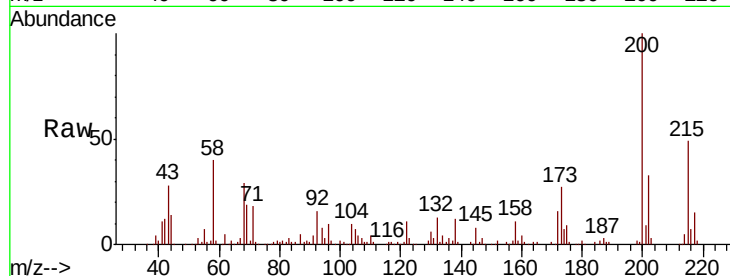
Tot Ion:200 Resp: 149293

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

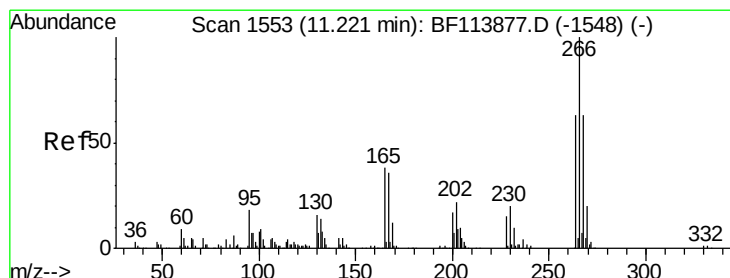
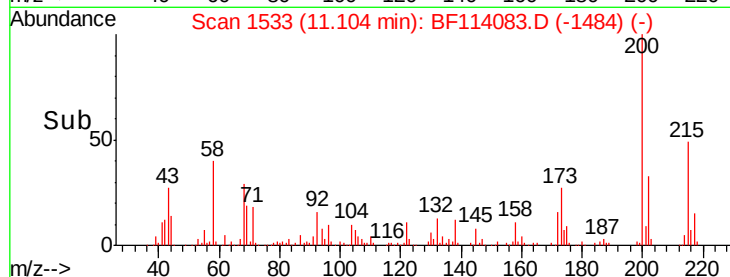
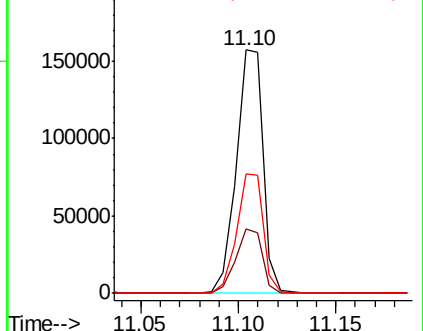
215 48.8 29.3 69.3



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: 73.644 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

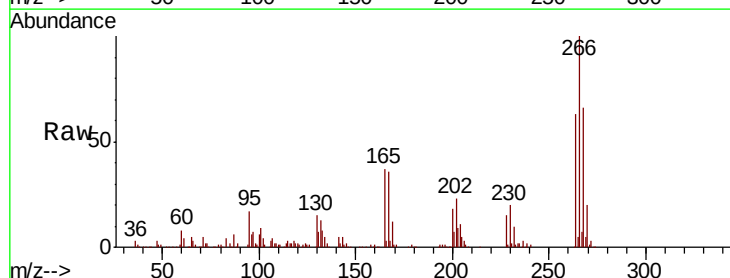
Tgt Ion:266 Resp: 185592

Ion Ratio Lower Upper

266 100

268 65.9 53.5 80.3

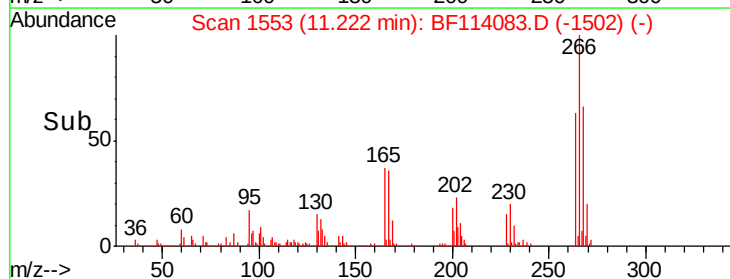
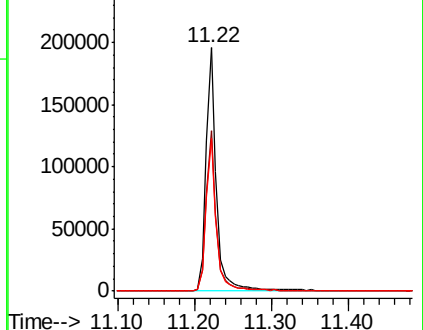
264 62.8 51.0 76.6

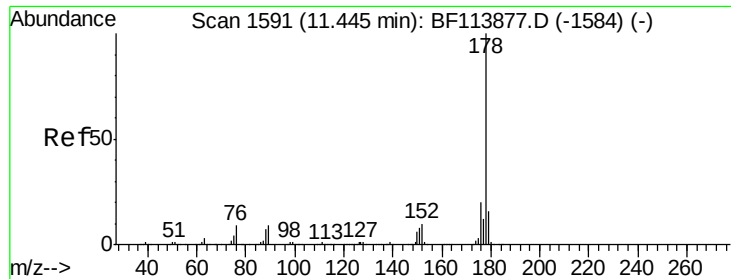


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.281 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

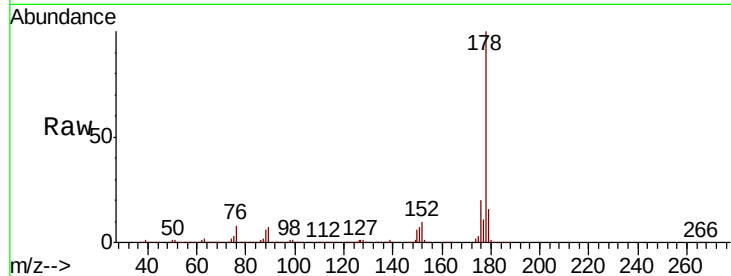
Tot Ion:178 Resp: 796705

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

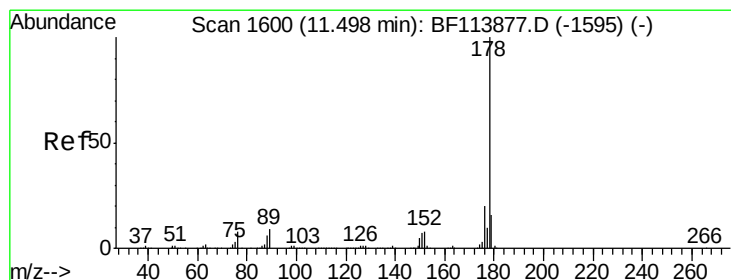
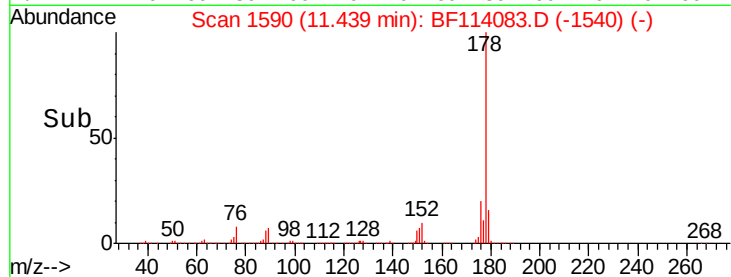
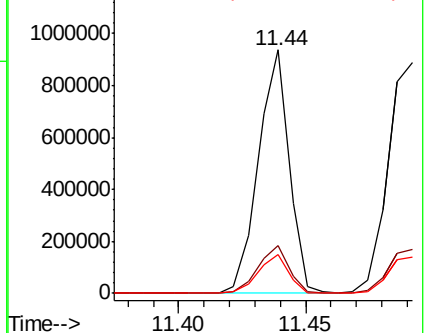
179 15.8 12.8 19.2



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



#72

Anthracene

Concen: 47.892 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

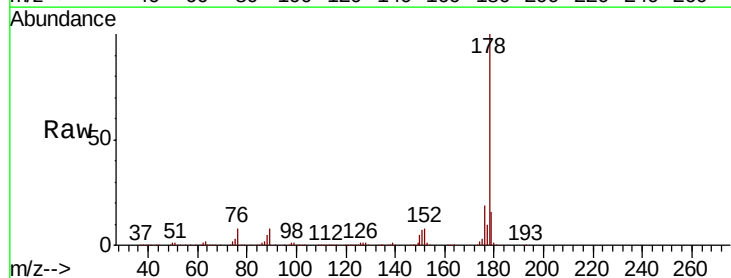
Tgt Ion:178 Resp: 814930

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

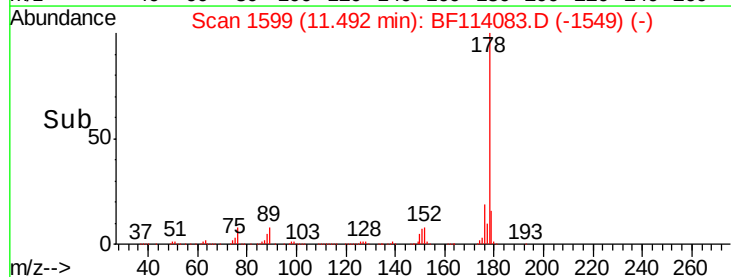
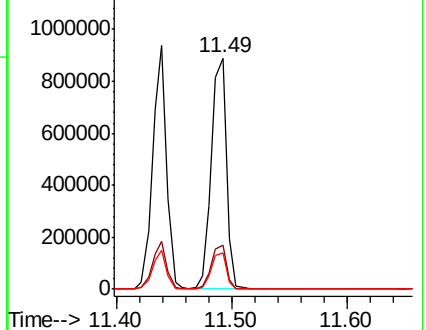
179 15.8 13.0 19.4

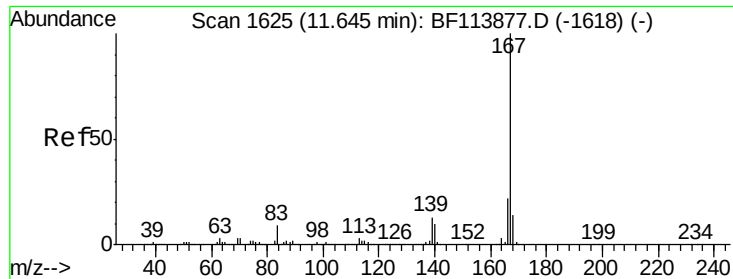


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

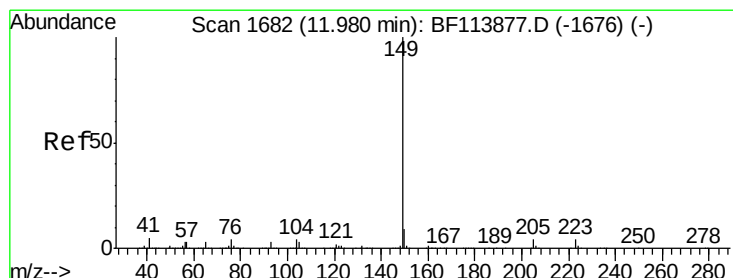
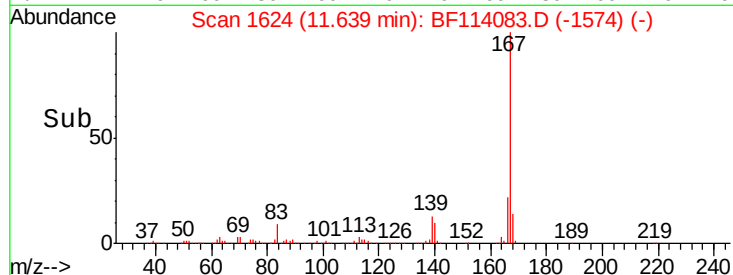
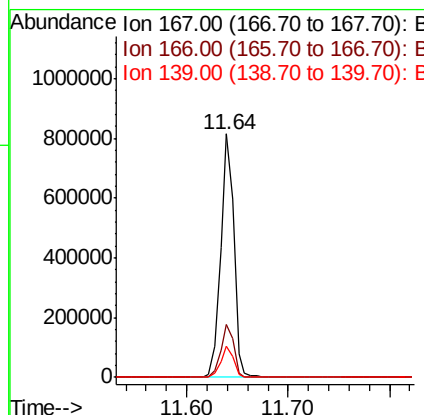
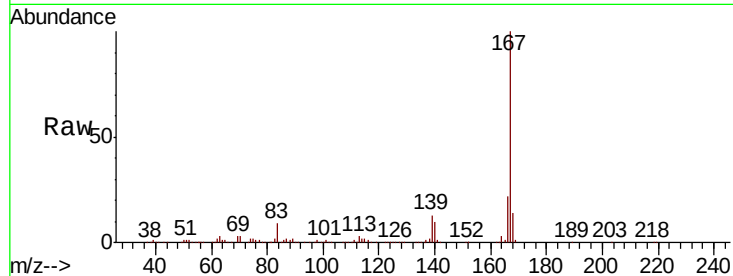




#73
 Carbazole
 Concen: 48.518 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

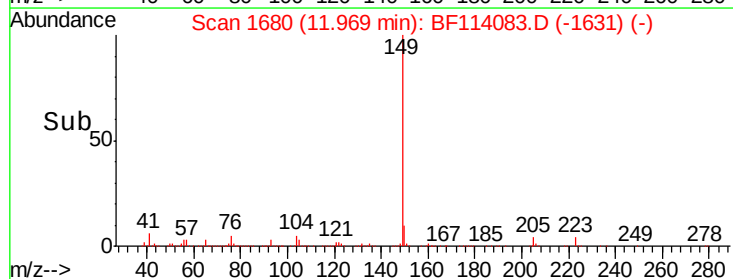
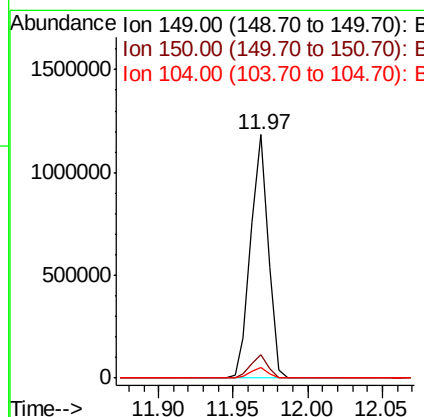
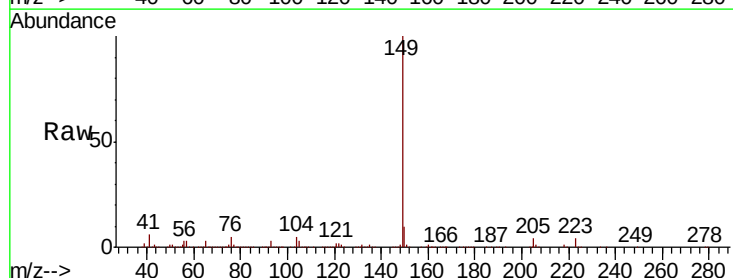
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

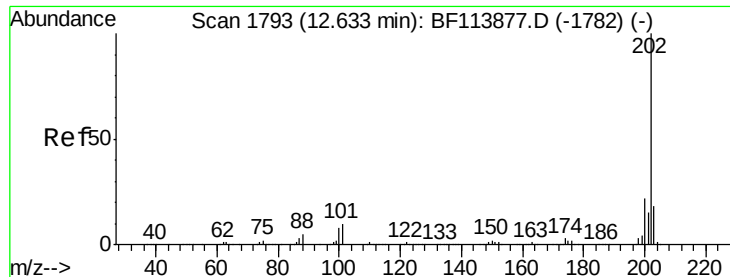
Tot Ion:167 Resp: 736539
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 53.948 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:149 Resp: 963380
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 50.634 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

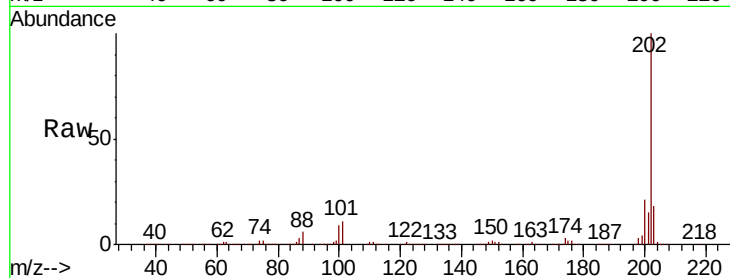
Tot Ion:202 Resp: 930859

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.9

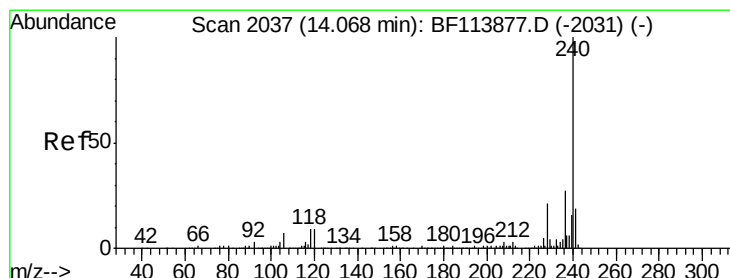
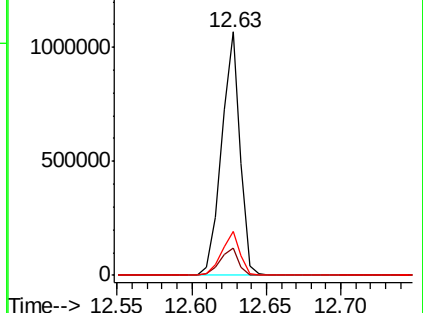
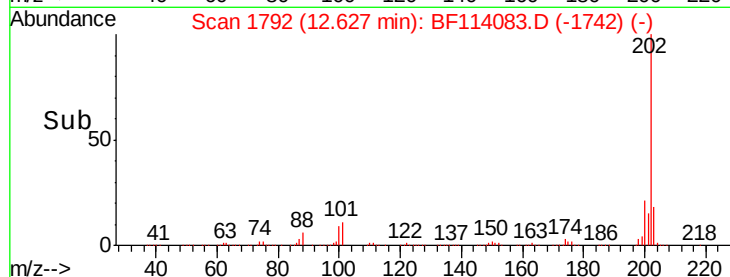
203 18.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

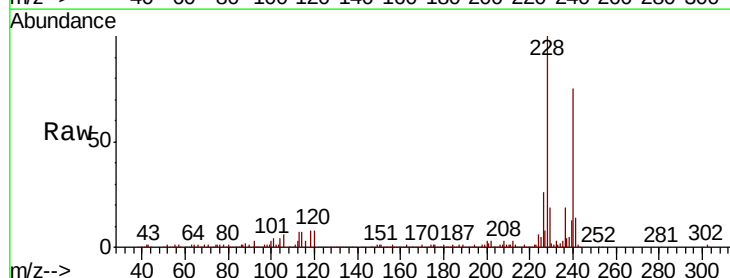
Tgt Ion:240 Resp: 231832

Ion Ratio Lower Upper

240 100

120 11.2 9.3 13.9

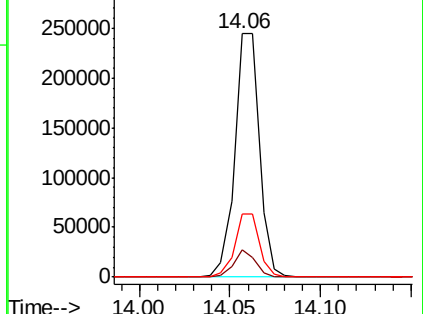
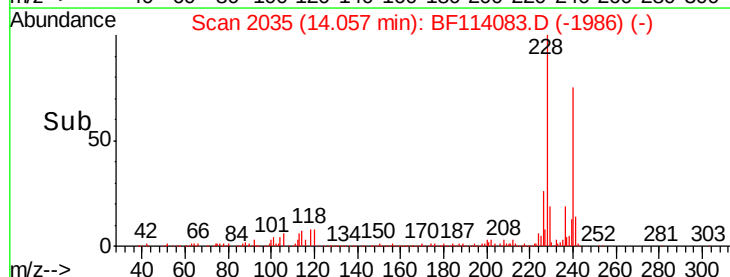
236 25.9 21.2 31.8

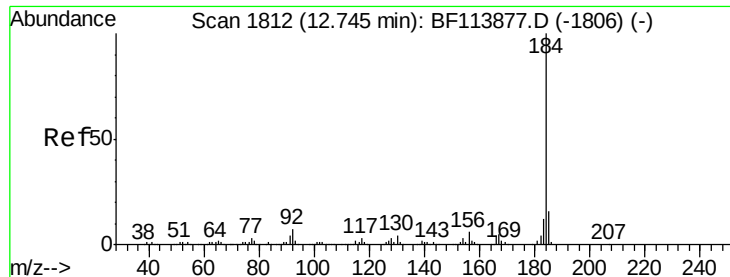


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.373 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

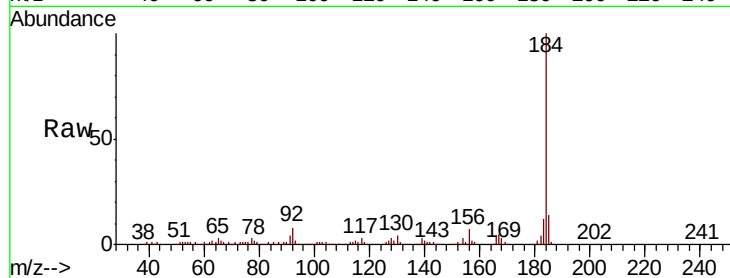
Tot Ion:184 Resp: 182177

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

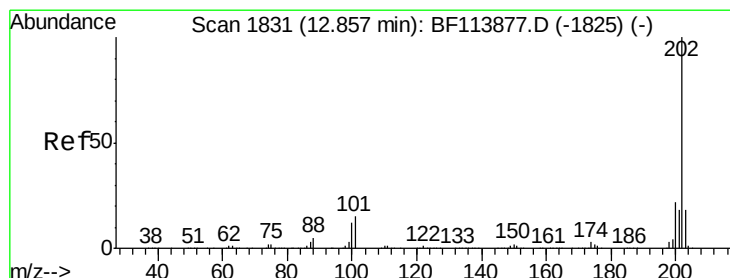
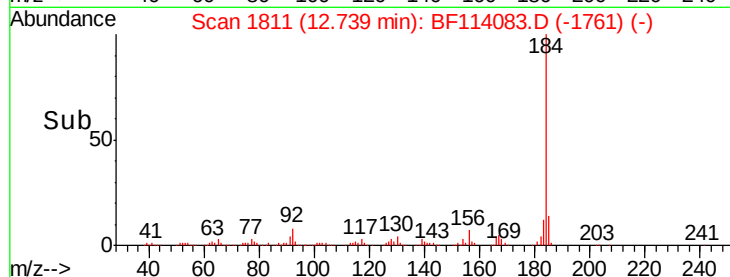
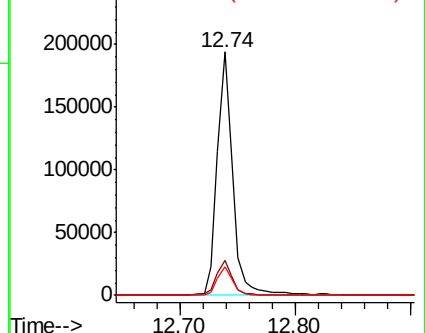
183 11.8 9.4 14.0



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: 56.806 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

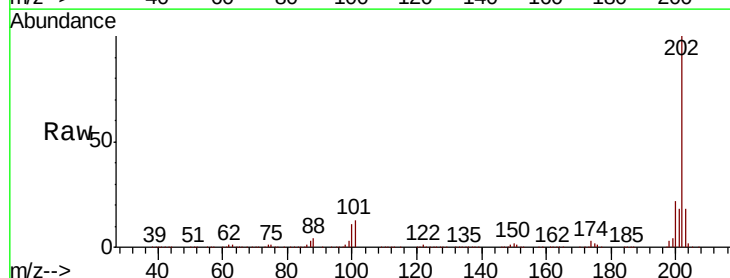
Tgt Ion:202 Resp: 920952

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

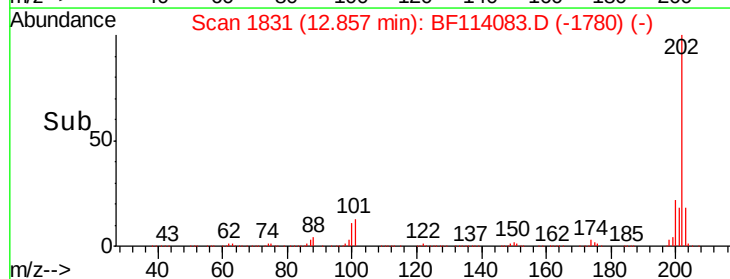
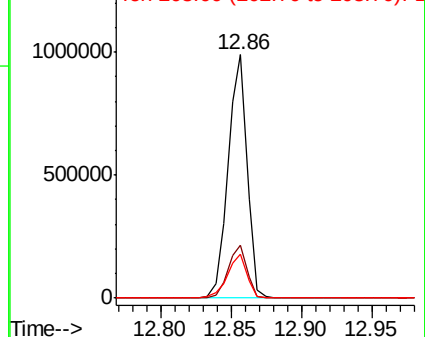
203 17.9 15.0 22.6

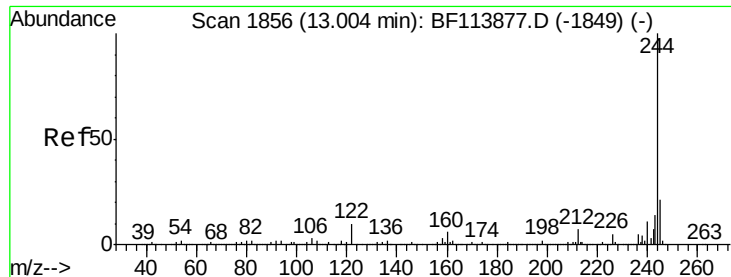


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



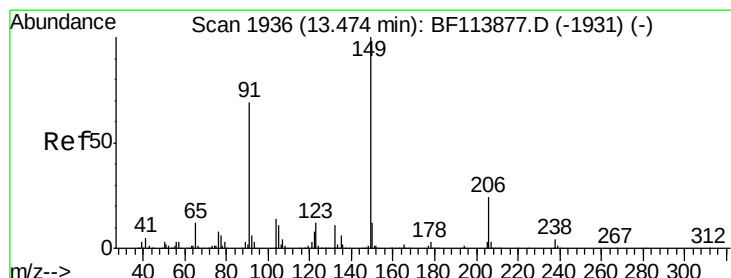
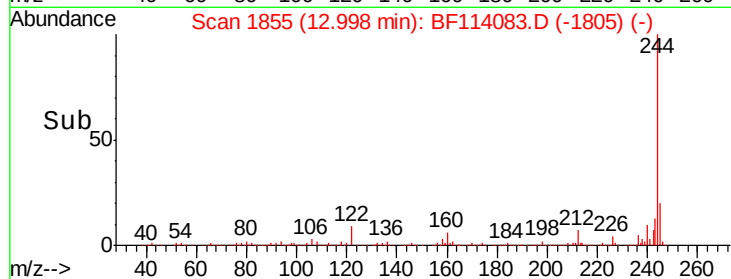
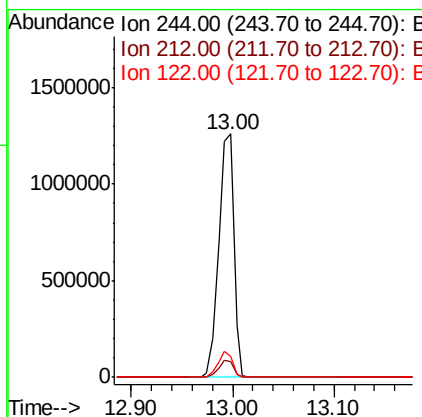
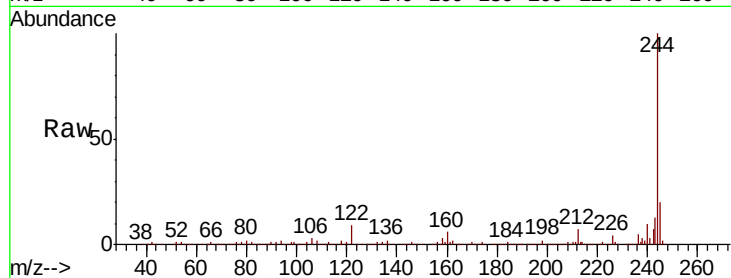


#79
 Terphenyl-d14
 Concen: 115.804 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0419-S-DH-8MS

Tot Ion:244 Resp: 1309526

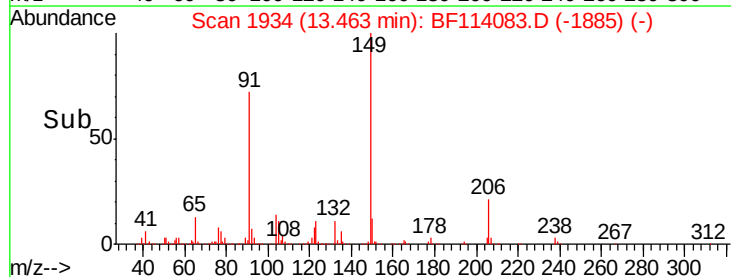
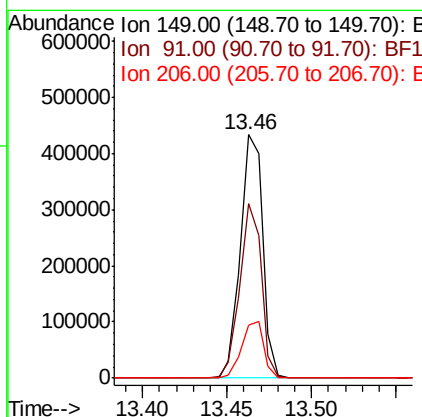
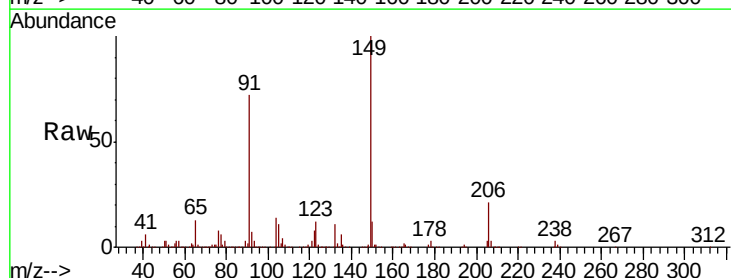
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	8.8	7.6	11.4

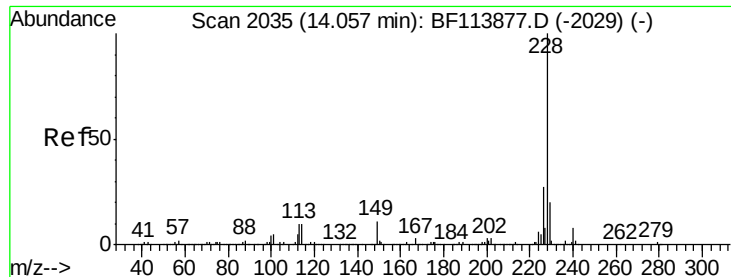


#80
 Butylbenzylphthalate
 Concen: 62.822 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF114083.D
 Acq: 2 May 2019 13:54

Tgt Ion:149 Resp: 400724

Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.3	84.5
206	21.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 55.792 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

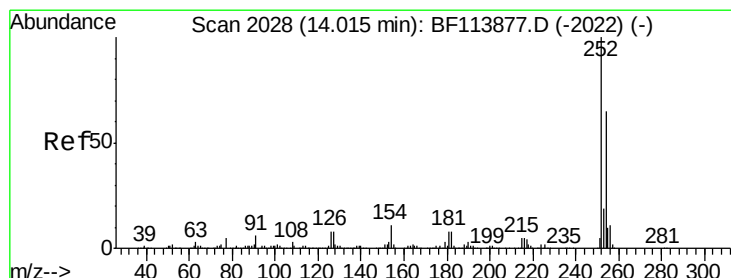
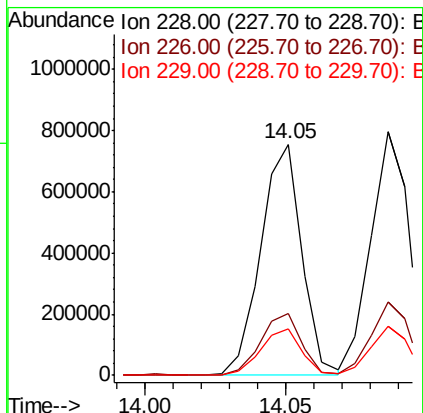
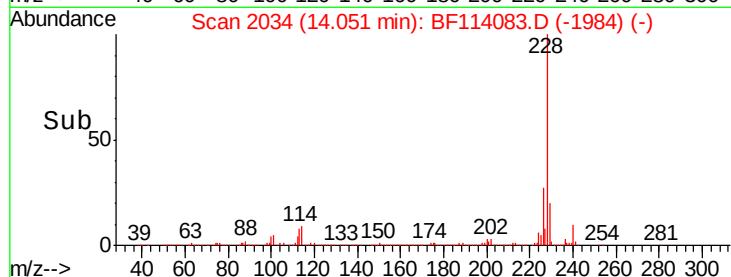
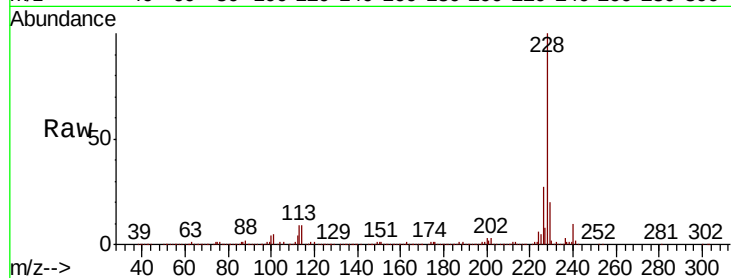
Tot Ion:228 Resp: 762075

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 34.681 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

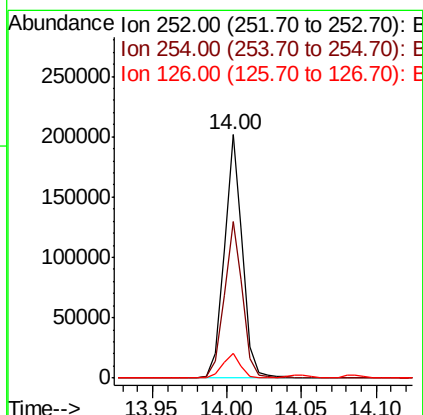
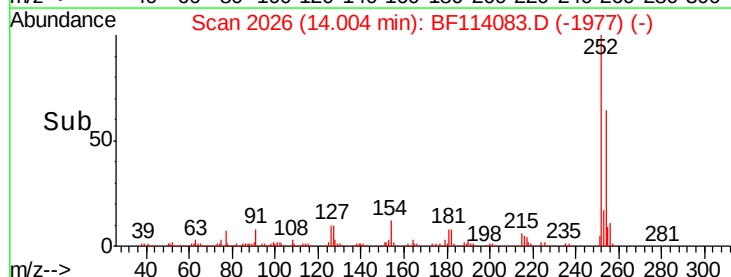
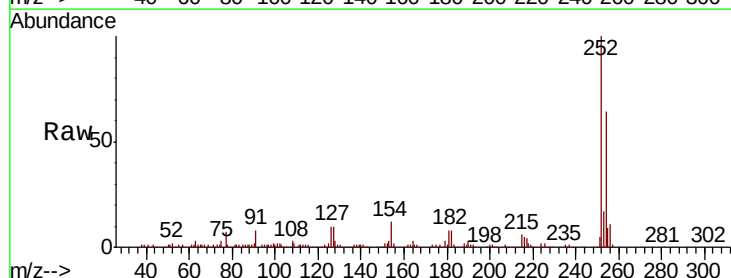
Tgt Ion:252 Resp: 173630

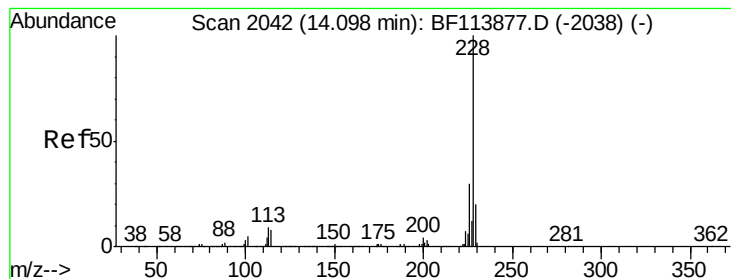
Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

126 10.0 9.3 13.9





#83

Chrysene

Concen: 55.807 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

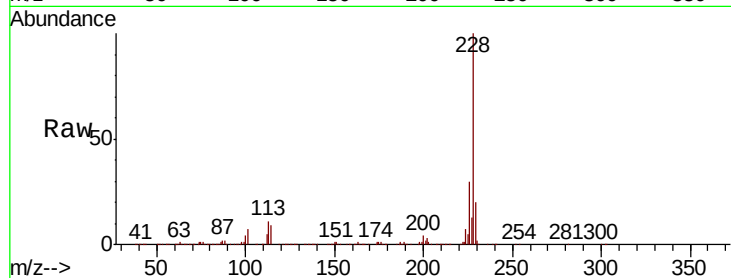
Tot Ion:228 Resp: 742379

Ion Ratio Lower Upper

228 100

226 30.1 25.2 37.8

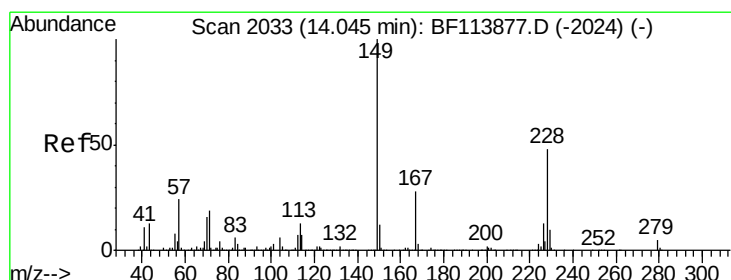
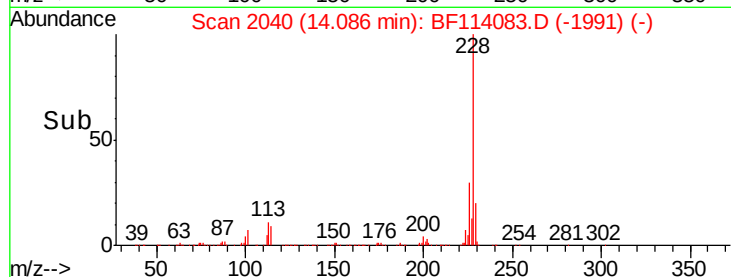
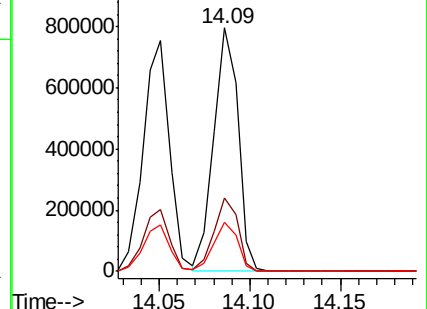
229 20.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.309 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

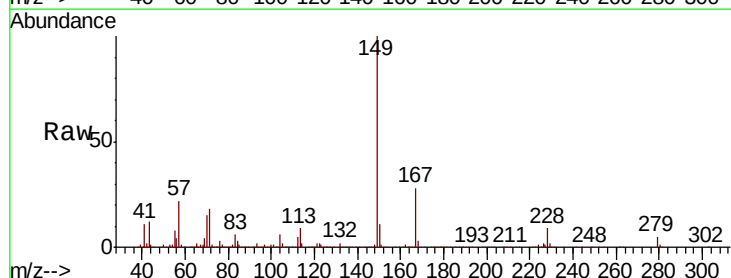
Tgt Ion:149 Resp: 570605

Ion Ratio Lower Upper

149 100

167 28.4 22.9 34.3

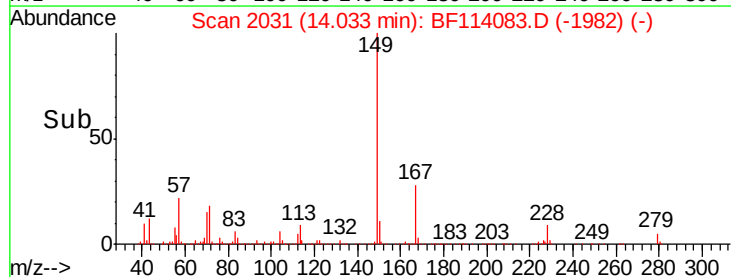
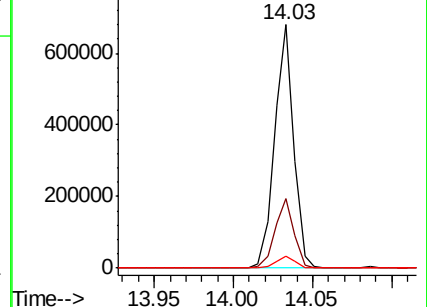
279 4.7 4.2 6.2

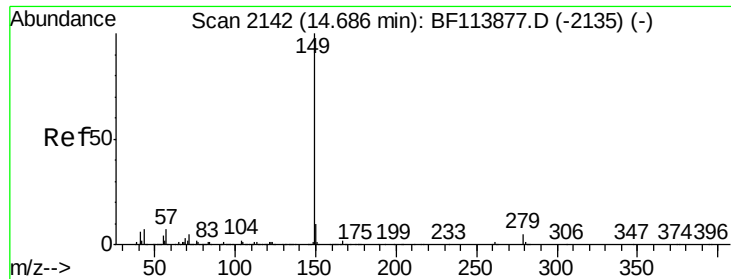


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

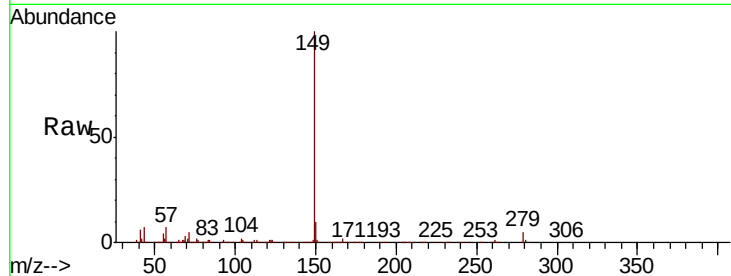




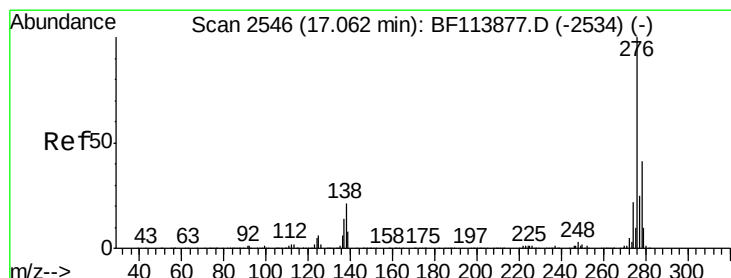
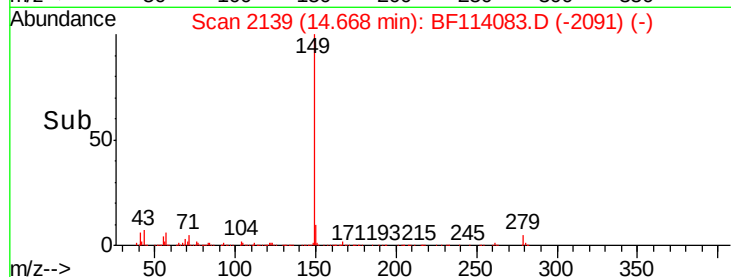
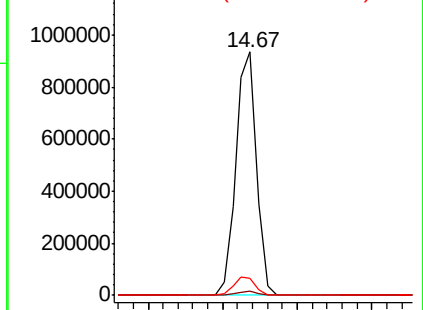
#85
Di-n-octyl phthalate
Concen: 71.183 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.4	6.6	10.0

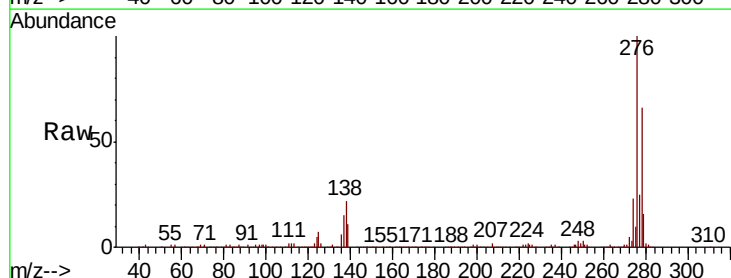


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

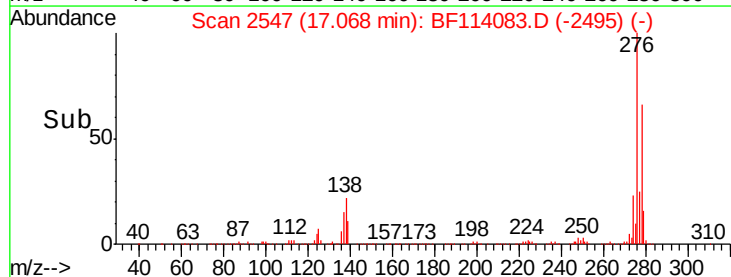
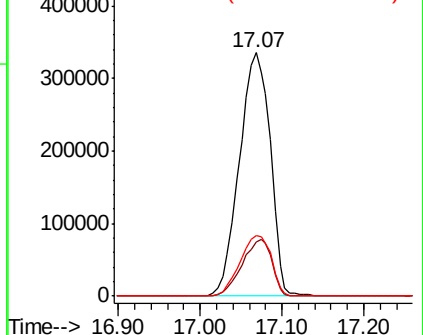


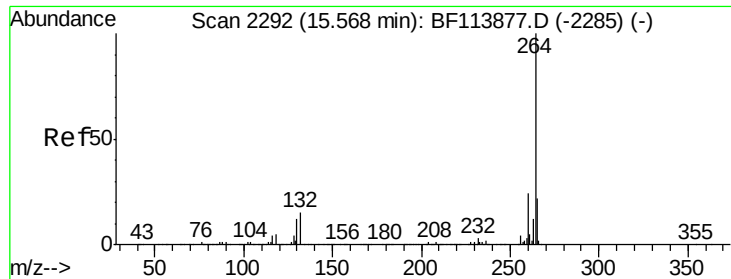
#86
Indeno(1,2,3-cd)pyrene
Concen: 70.073 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.6	29.4
277	25.5	20.2	30.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

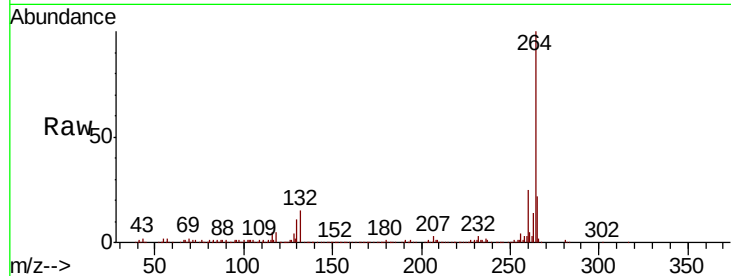
Tot Ion:264 Resp: 242015

Ion Ratio Lower Upper

264 100

260 25.0 18.9 28.3

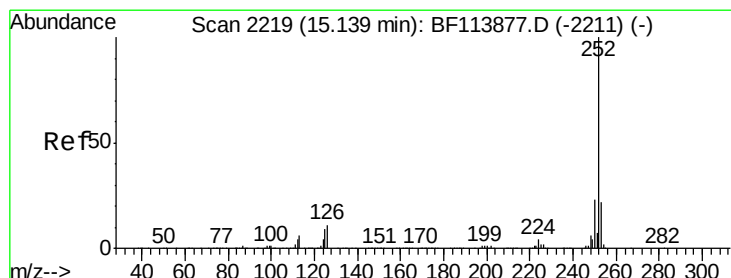
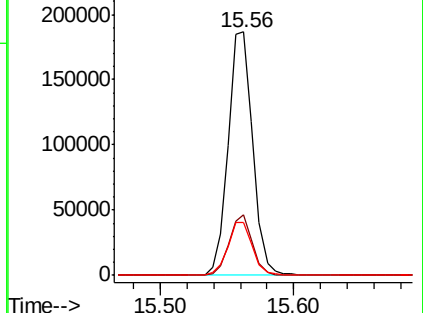
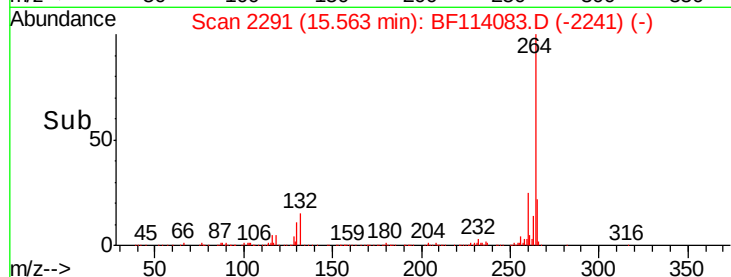
265 21.8 17.3 25.9



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: 51.830 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

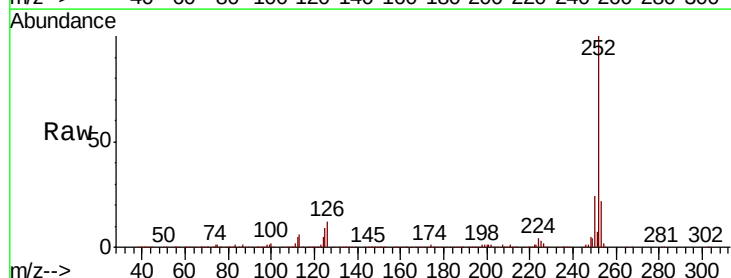
Tgt Ion:252 Resp: 793624

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

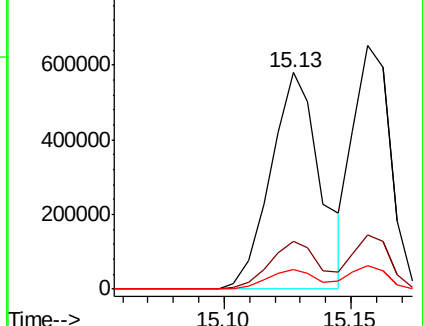
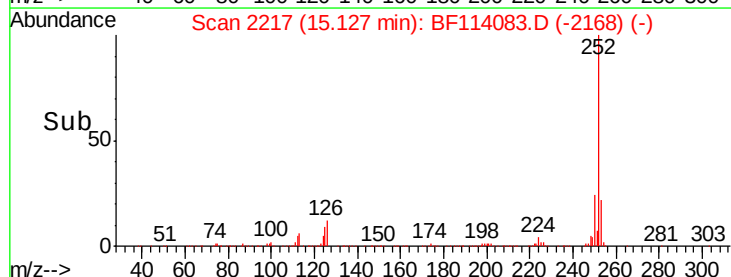
125 9.1 7.0 10.6

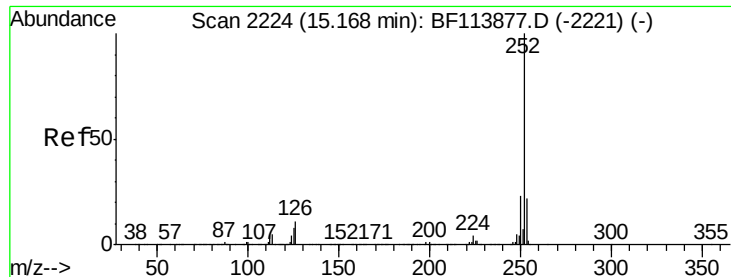


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

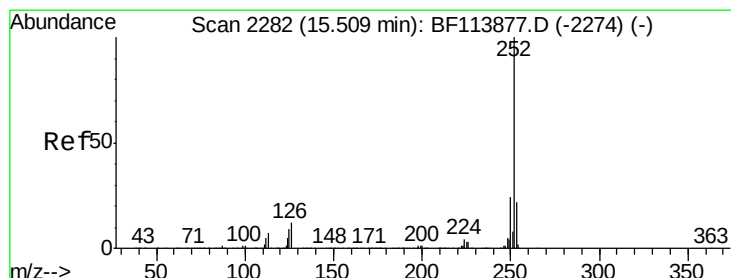
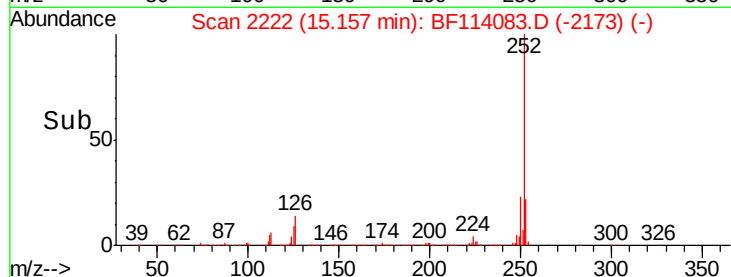
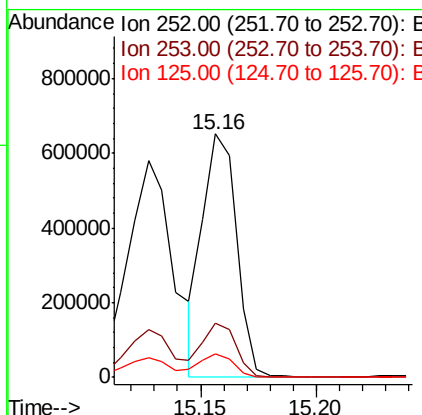
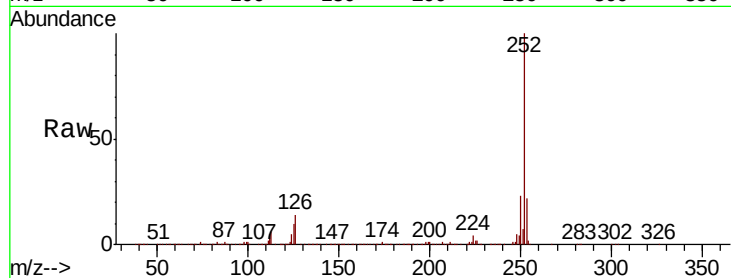




#89
Benzo(k)fluoranthene
Concen: 50.339 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

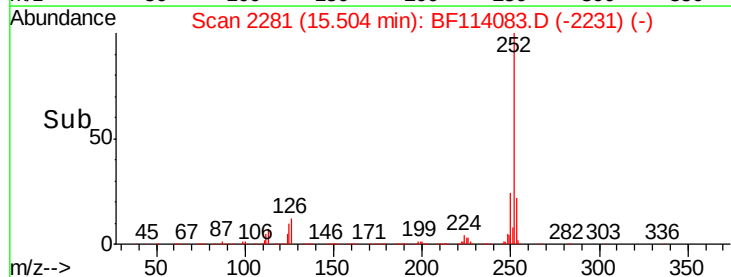
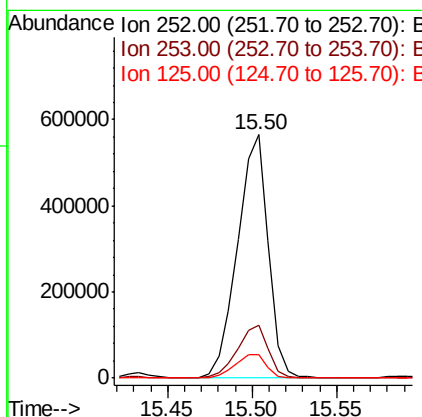
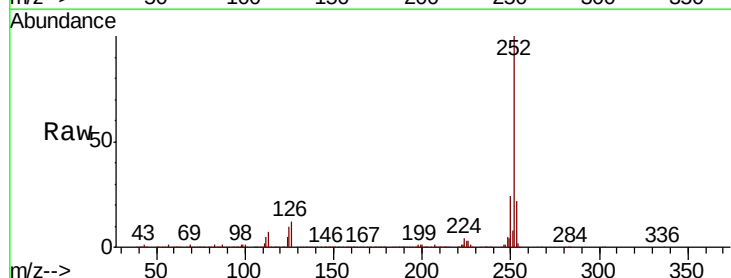
Instrument :
BNA_F
ClientSampleId :
SSSI-0419-S-DH-8MS

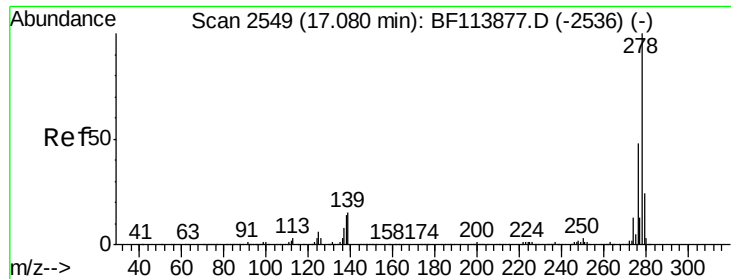
Tot Ion:252 Resp: 663019
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 54.125 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF114083.D
Acq: 2 May 2019 13:54

Tgt Ion:252 Resp: 716844
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 59.405 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

Instrument :

BNA_F

ClientSampleId :

SSSI-0419-S-DH-8MS

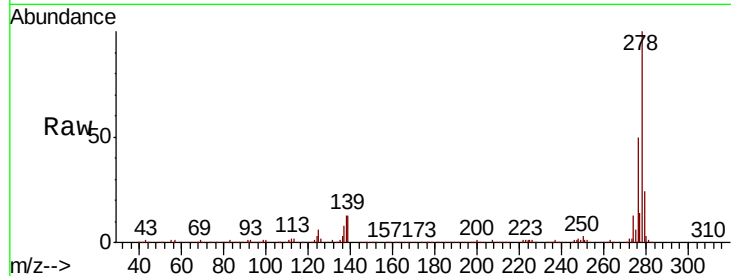
Tot Ion:278 Resp: 738558

Ion Ratio Lower Upper

278 100

139 13.2 11.6 17.4

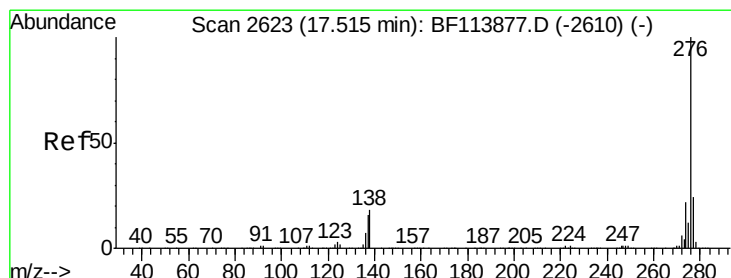
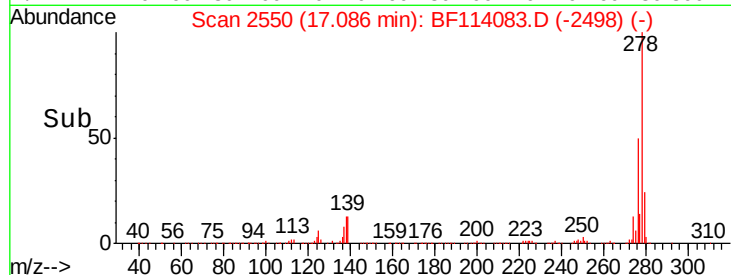
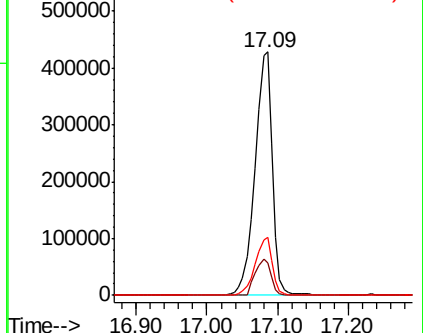
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.203 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF114083.D

Acq: 2 May 2019 13:54

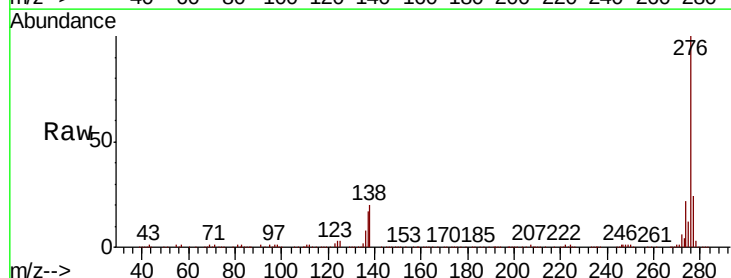
Tgt Ion:276 Resp: 755343

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 19.7 16.6 25.0



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

