

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115913.D
 Acq On : 1 Aug 2019 18:22
 Operator : HP/JU
 Sample : K3618-10MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Quant Time: Aug 02 05:00:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135142	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514809	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	267645	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	424749	20.00	ng	0.00
76) Chrysene-d12	14.03	240	275086	20.00	ng	0.00
87) Perylene-d12	15.49	264	347431	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	949046	117.56	ng	0.02
7) Phenol-d6	6.49	99	1167086	114.59	ng	0.00
23) Nitrobenzene-d5	7.42	82	840805	94.28	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	319546	123.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1375200	96.24	ng	0.00
79) Terphenyl-d14	12.96	244	1220151	93.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	151879	37.241	ng	# 85
3) Pyridine	3.50	79	237860	20.879	ng	99
4) n-Nitrosodimethylamine	3.43	42	183435	40.801	ng	100
6) Aniline	6.52	93	96455	6.613	ng	# 81
8) 2-Chlorophenol	6.65	128	387122	43.366	ng	100
9) Benzaldehyde	6.40	77	170990	24.331	ng	100
10) Phenol	6.51	94	434439	36.221	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	383350	43.473	ng	97
12) 1,3-Dichlorobenzene	6.80	146	426979	41.387	ng	100
13) 1,4-Dichlorobenzene	6.87	146	434328	42.047	ng	98
14) 1,2-Dichlorobenzene	7.03	146	400562	42.113	ng	99
15) Benzyl Alcohol	7.00	79	346917	44.882	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	502507	41.778	ng	94
17) 2-Methylphenol	7.11	107	324058	42.872	ng	99
18) Hexachloroethane	7.36	117	154693	40.675	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	267492	42.382	ng	100
20) 3+4-Methylphenols	7.26	107	386686	43.230	ng	# 75
22) Acetophenone	7.26	105	539377	47.773	ng	99
24) Nitrobenzene	7.43	77	443965	46.102	ng	99
25) Isophorone	7.67	82	774962	45.442	ng	99
26) 2-Nitrophenol	7.75	139	213268	46.981	ng	100
27) 2,4-Dimethylphenol	7.79	122	347411	50.869	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	472283	44.681	ng	99
29) 2,4-Dichlorophenol	8.00	162	338483	46.940	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	364766	44.376	ng	99
31) Naphthalene	8.16	128	1139551	47.039	ng	100
32) Benzoic acid	7.93	122	171335	35.584	ng	97
33) 4-Chloroaniline	8.21	127	49104	4.536	ng	99
34) Hexachlorobutadiene	8.27	225	202826	42.839	ng	99
35) Caprolactam	8.58	113	51559	22.107	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	344310	45.897	ng	97
37) 2-Methylnaphthalene	8.85	142	753873	47.251	ng	98
38) 1-Methylnaphthalene	8.95	142	707453	46.870	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	335913	46.946	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	137206	45.474	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	225658	45.818	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	235752	46.307	ng	99
46) 1,1'-Biphenyl	9.32	154	896823	47.462	ng	100
47) 2-Chloronaphthalene	9.35	162	715215	45.478	ng	99
48) 2-Nitroaniline	9.44	65	223587	43.012	ng	95
49) Acenaphthylene	9.76	152	1076030	46.898	ng	99
50) Dimethylphthalate	9.62	163	859026	47.138	ng	100
51) 2,6-Dinitrotoluene	9.68	165	178987	45.195	ng	96
52) Acenaphthene	9.93	154	640787	45.524	ng	99
53) 3-Nitroaniline	9.85	138	66971	13.686	ng	88
54) 2,4-Dinitrophenol	9.96	184	109078	56.677	ng	97
55) Dibenzofuran	10.10	168	937186	45.784	ng	98
56) 4-Nitrophenol	10.02	139	255507	81.508	ng	97
57) 2,4-Dinitrotoluene	10.09	165	230923	43.795	ng	90
58) Fluorene	10.45	166	720776	45.767	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	191610	44.736	ng	98
60) Diethylphthalate	10.32	149	748579	43.998	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	356337	44.676	ng	100
62) 4-Nitroaniline	10.46	138	180321	35.657	ng	98
63) Azobenzene	10.59	77	768095	43.891	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	81208	36.078	ng	89
66) n-Nitrosodiphenylamine	10.55	169	634308	49.615	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	213961	47.056	ng	99
68) Hexachlorobenzene	11.00	284	229180	43.589	ng	98
69) Atrazine	11.08	200	184869	43.955	ng	99
70) Pentachlorophenol	11.19	266	227590	89.158	ng	98
71) Phenanthrene	11.41	178	991307	45.653	ng	100
72) Anthracene	11.46	178	1016878	46.273	ng	100
73) Carbazole	11.61	167	883796	44.329	ng	99
74) Di-n-butylphthalate	11.94	149	1077699	46.337	ng	100
75) Fluoranthene	12.60	202	900408	39.609	ng	99
77) Benzidine	12.72	184	45842	4.933	ng	96
78) Pyrene	12.83	202	882906	42.578	ng	100
80) Butylbenzylphthalate	13.43	149	370477	42.236	ng	96
81) Benzo(a)anthracene	14.02	228	764157	43.461	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	175412	28.716	ng	# 98
83) Chrysene	14.05	228	761135	44.589	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	486008	42.637	ng	100
85) Di-n-octyl phthalate	14.60	149	821868	45.394	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	801835	55.928	ng	99
88) Benzo(b)fluoranthene	15.07	252	846743	42.150	ng	98
89) Benzo(k)fluoranthene	15.10	252	810883	41.442	ng	98
90) Benzo(a)pyrene	15.43	252	811740	45.202	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	687553	44.231	ng	98
92) Benzo(g,h,i)perylene	17.42	276	620349	40.636	ng	98

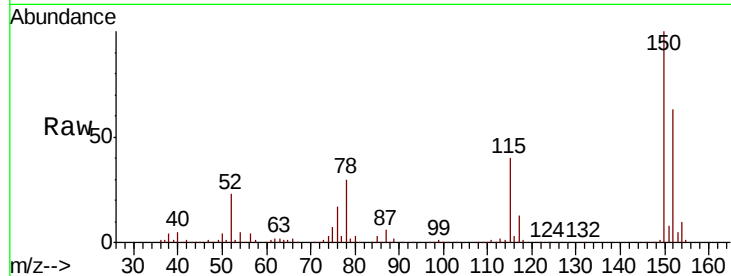
(#) = qualifier out of range (m) = manual integration (+) = signals summed



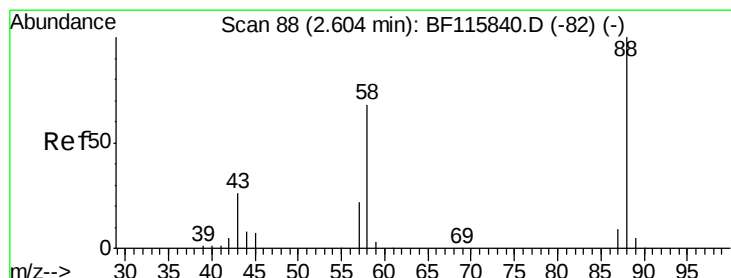
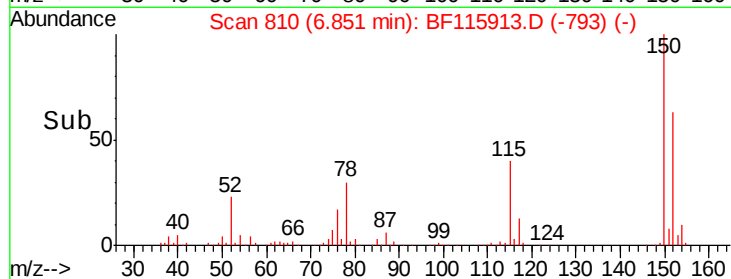
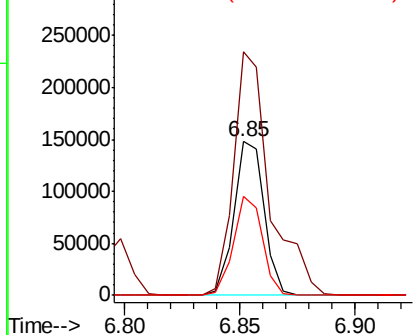
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion: 152 Resp: 135142
 Ion Ratio Lower Upper
 152 100
 150 158.3 127.4 191.0
 115 64.0 51.8 77.8

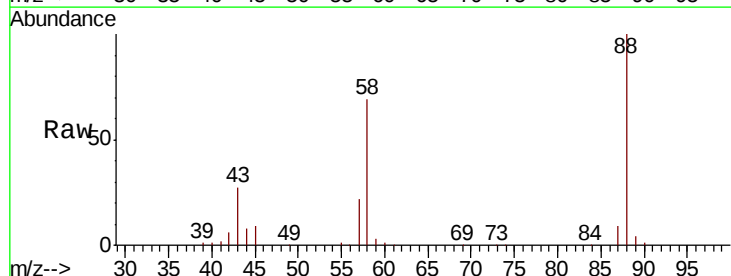


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

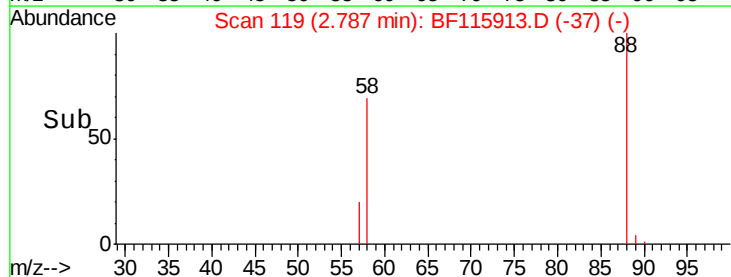
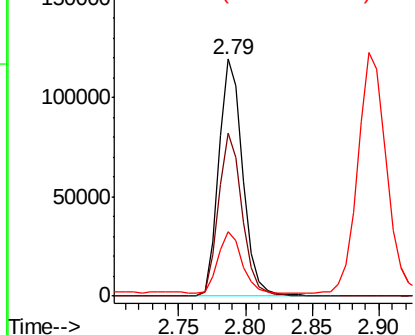


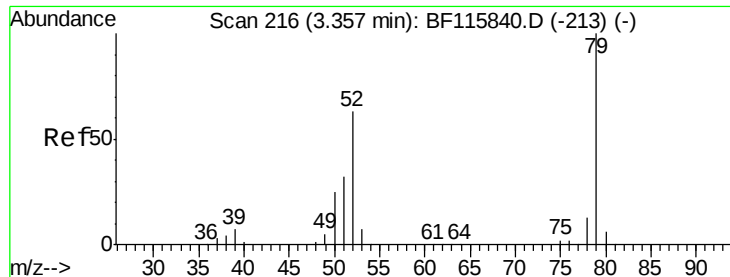
#2
 1,4-Dioxane
 Concen: 37.241 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.18 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion: 88 Resp: 151879
 Ion Ratio Lower Upper
 88 100
 58 68.2 54.1 81.1
 43 0.0 20.7 31.1#



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





#3

Pyridine

Concen: 20.879 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.15 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

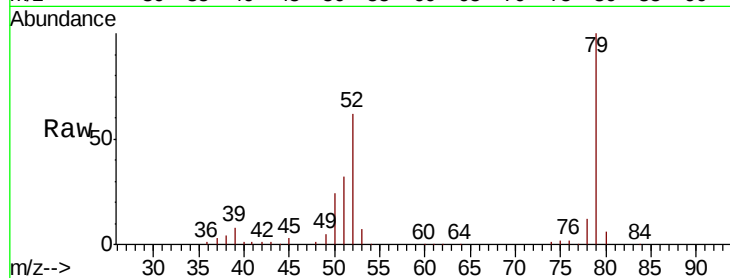
Tgt Ion: 79 Resp: 237860

Ion Ratio Lower Upper

79 100

52 61.9 50.2 75.4

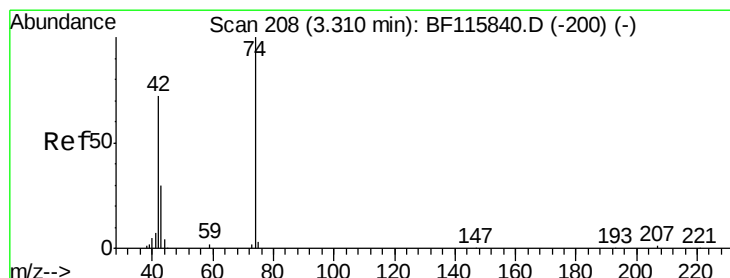
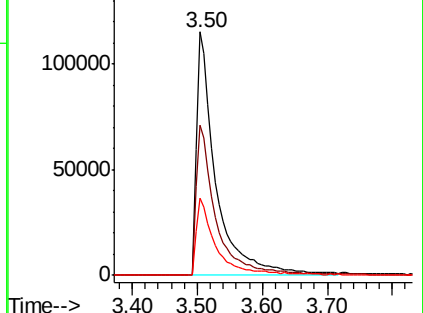
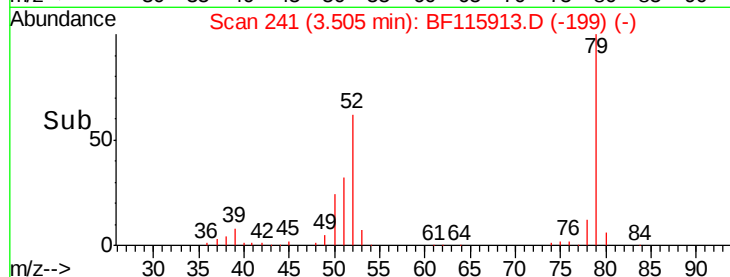
51 31.6 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.801 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.12 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

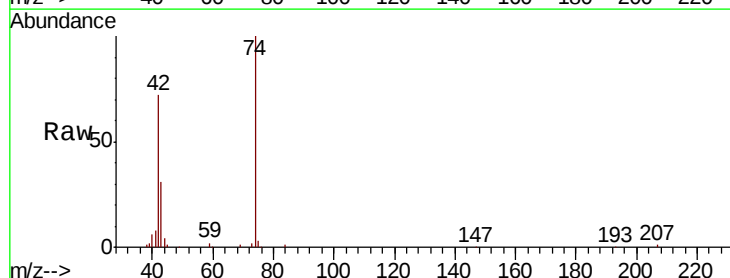
Tgt Ion: 42 Resp: 183435

Ion Ratio Lower Upper

42 100

74 138.9 111.0 166.4

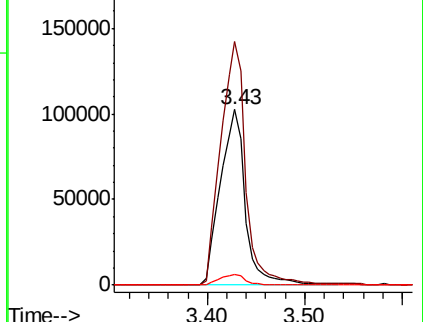
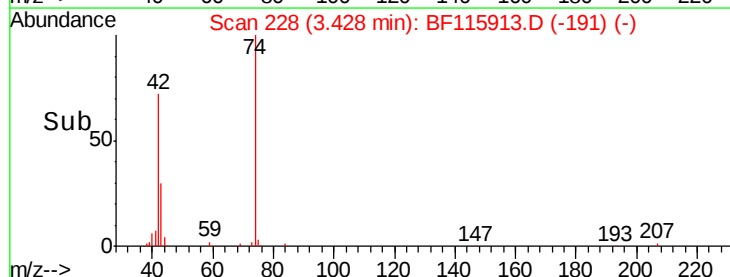
44 6.2 4.7 7.1

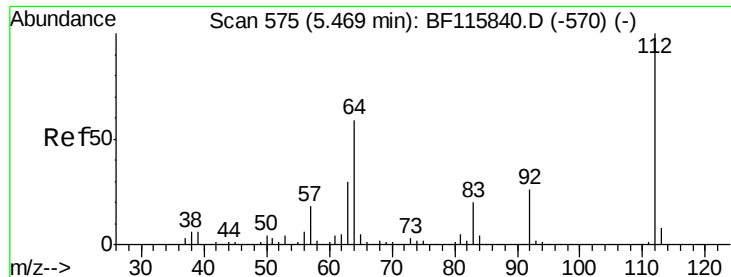


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.562 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

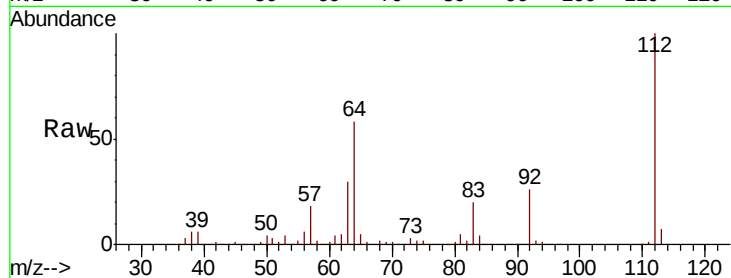
Tgt Ion: 112 Resp: 949046

Ion Ratio Lower Upper

112 100

64 58.4 46.8 70.2

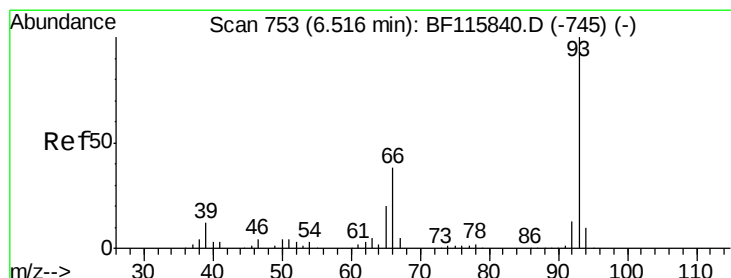
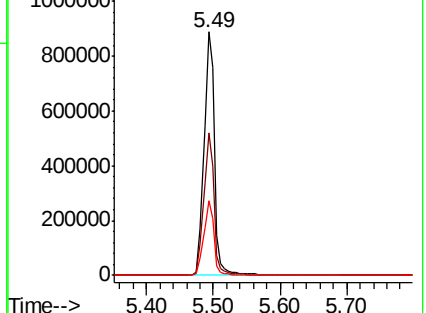
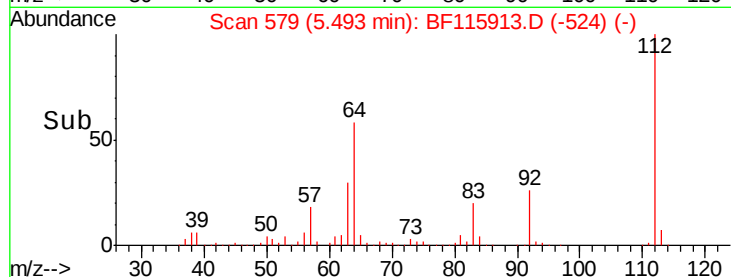
63 30.5 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.613 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

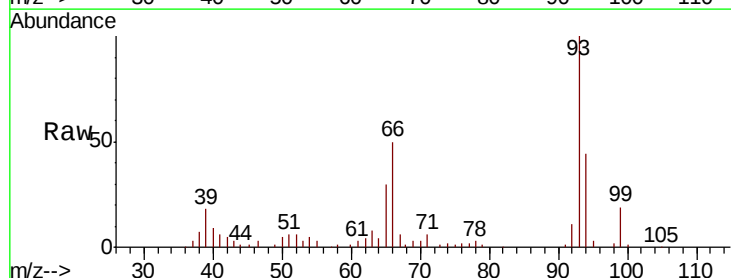
Tgt Ion: 93 Resp: 96455

Ion Ratio Lower Upper

93 100

66 50.4 31.4 47.0#

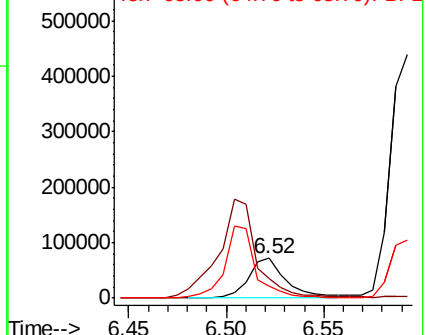
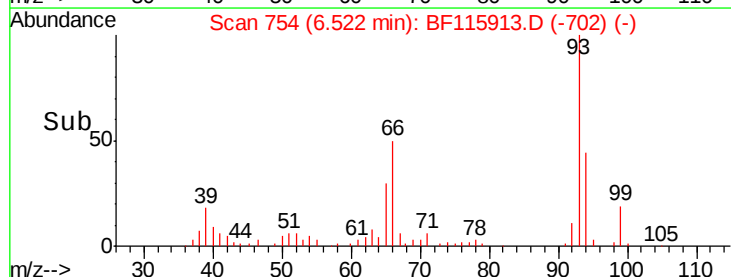
65 29.6 16.5 24.7#



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: 114.587 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

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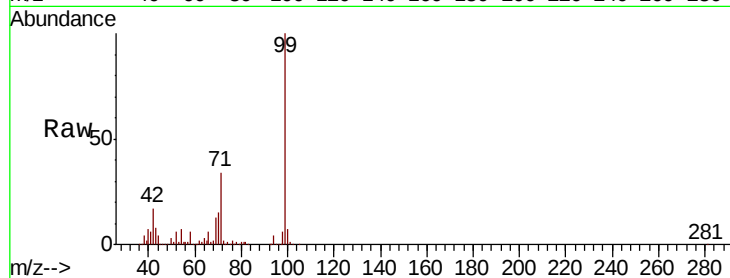
Tgt Ion: 99 Resp: 1167086

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.6

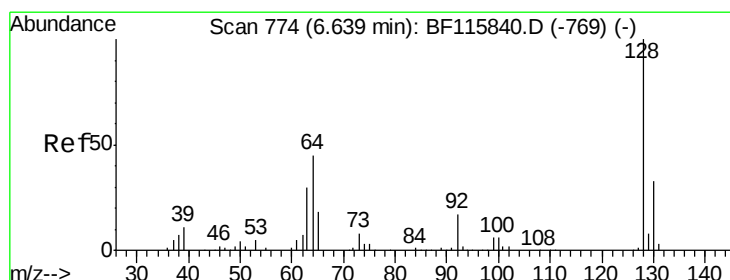
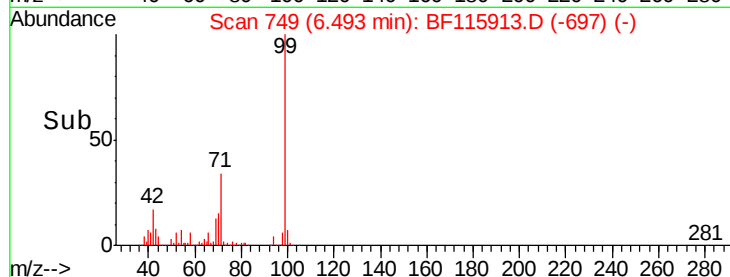
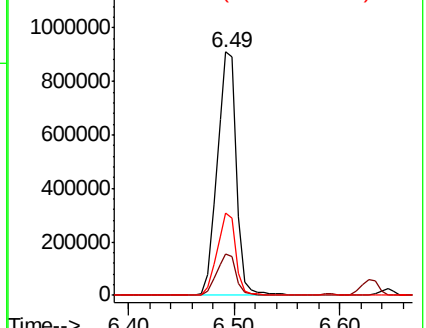
71 33.7 27.1 40.7



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: 43.366 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

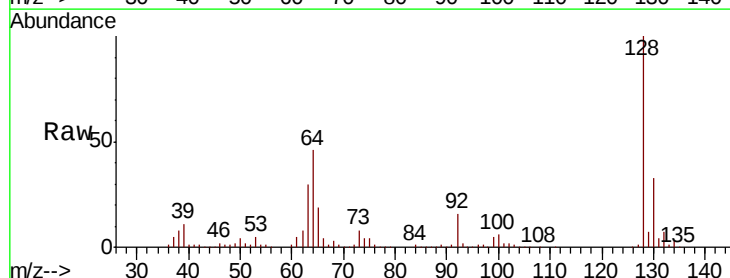
Tgt Ion: 128 Resp: 387122

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

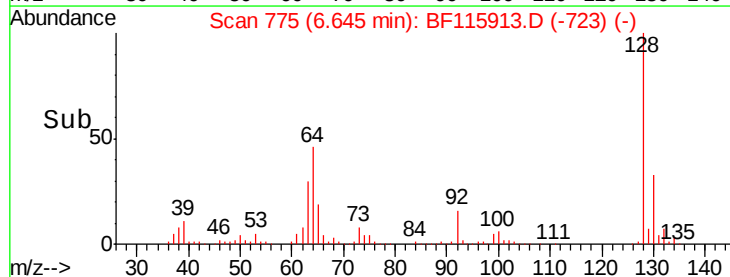
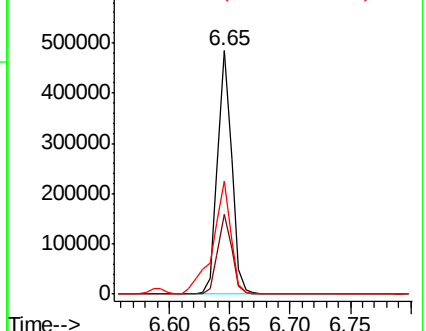
64 46.2 26.1 66.1



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: 24.331 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115913.D

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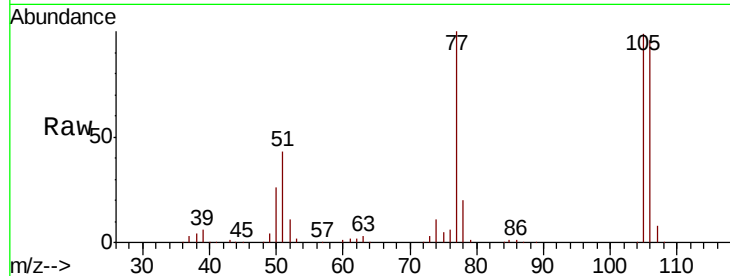
Tgt Ion: 77 Resp: 170990

Ion Ratio Lower Upper

77 100

105 99.3 79.0 119.0

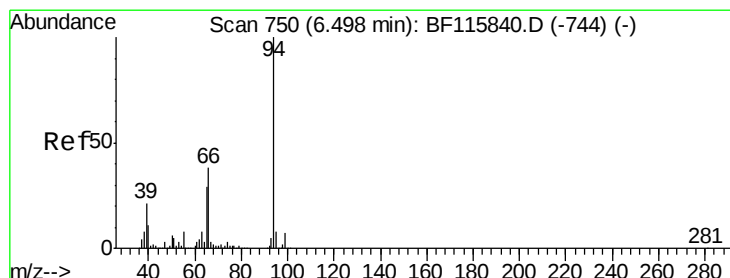
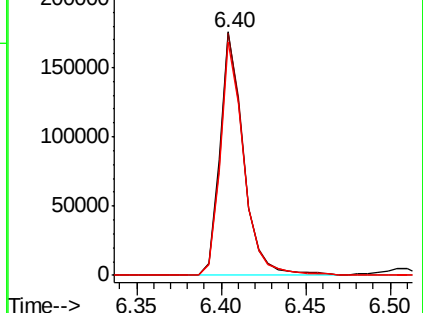
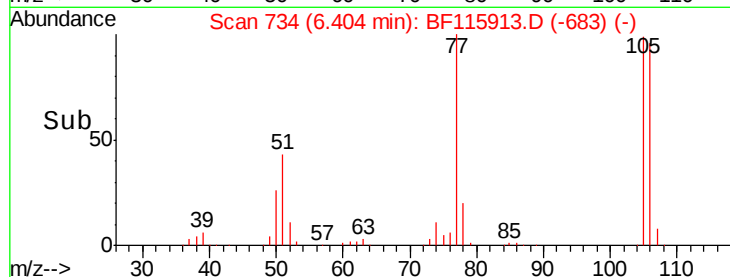
106 95.7 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.221 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

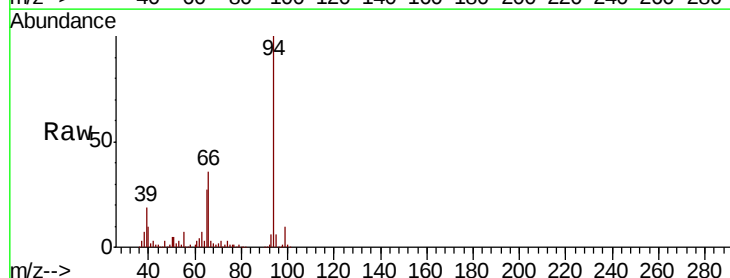
Tgt Ion: 94 Resp: 434439

Ion Ratio Lower Upper

94 100

65 27.0 8.9 48.9

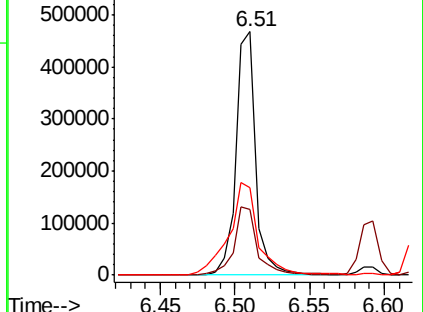
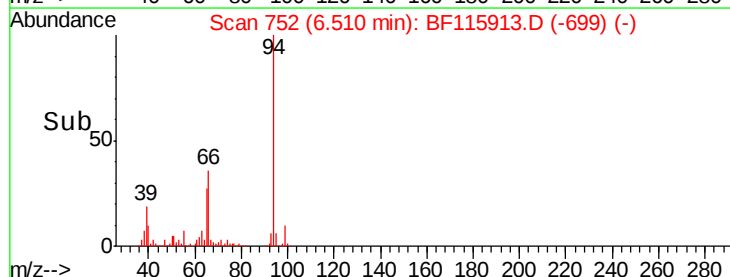
66 36.0 18.0 58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

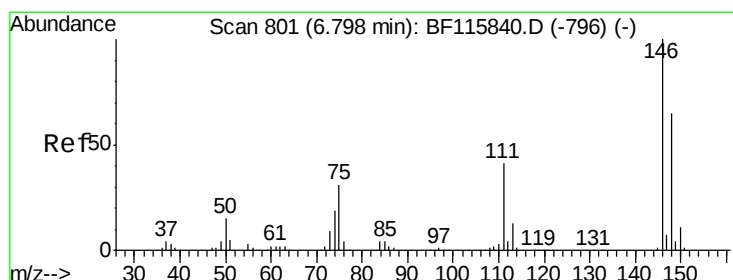
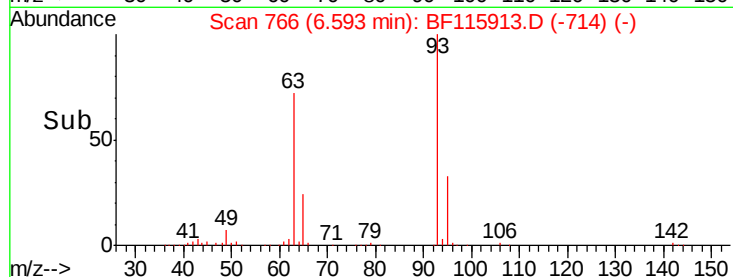
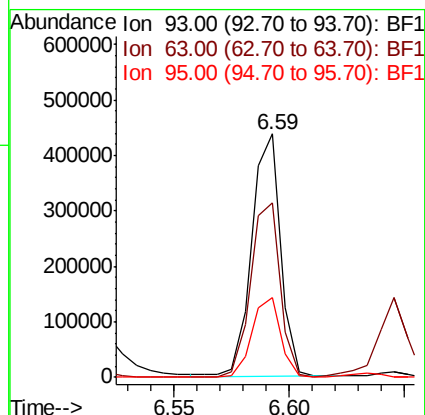
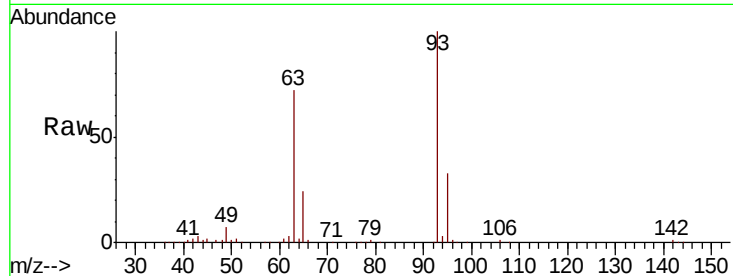




#11
 bis(2-Chloroethyl)ether
 Concen: 43.473 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

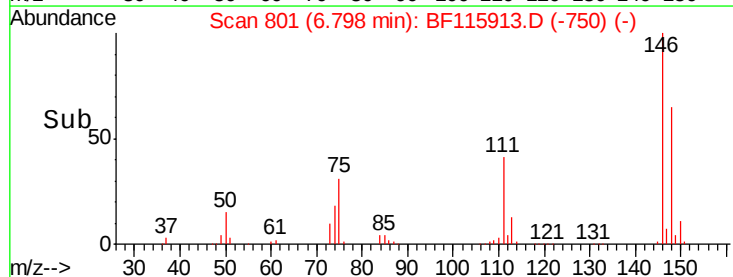
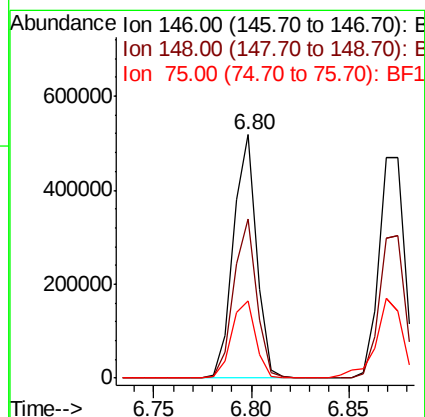
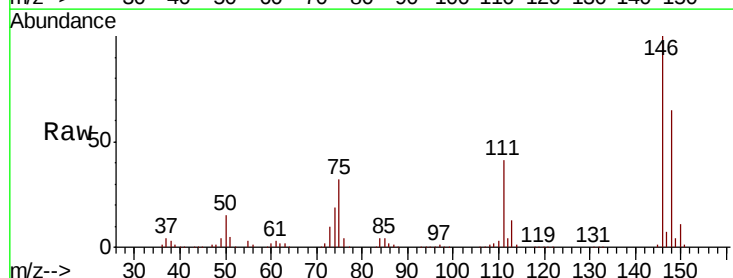
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

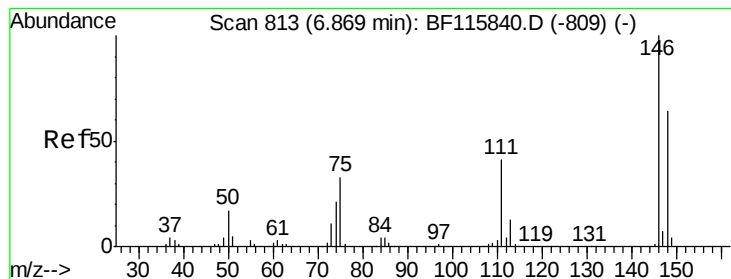
Tgt Ion: 93 Resp: 383350
 Ion Ratio Lower Upper
 93 100
 63 71.7 54.9 94.9
 95 32.8 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.387 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion: 146 Resp: 426979
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.1 78.1
 75 31.5 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 42.047 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

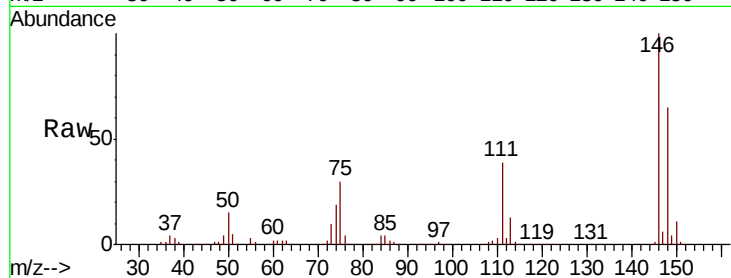
Tgt Ion:146 Resp: 434328

Ion Ratio Lower Upper

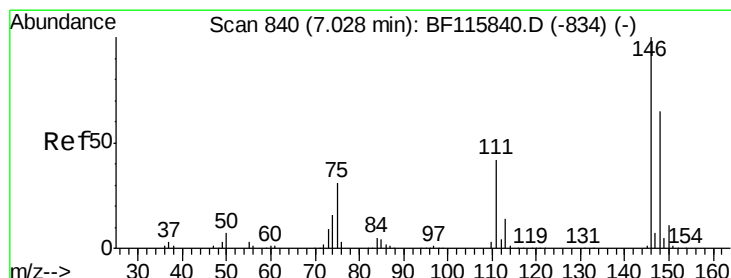
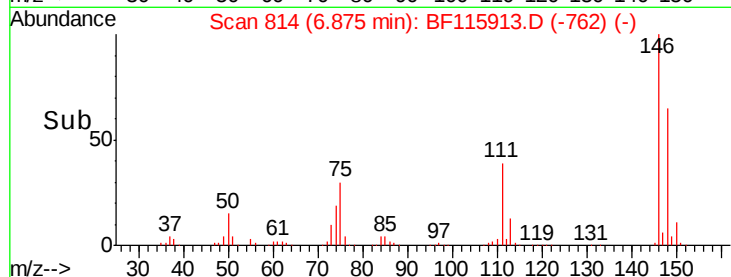
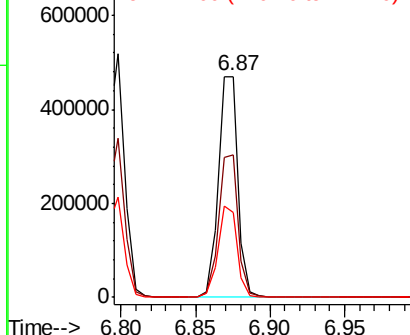
146 100

148 64.8 51.2 76.8

111 38.6 33.2 49.8



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



#14

1,2-Dichlorobenzene

Concen: 42.113 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

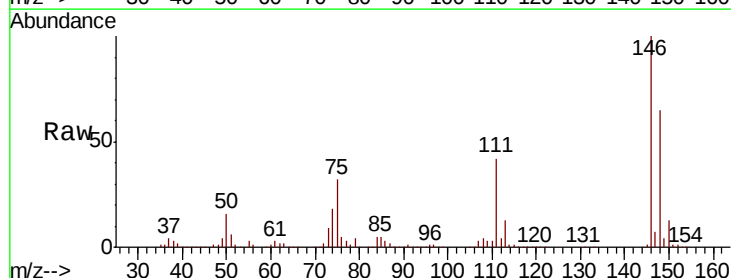
Tgt Ion:146 Resp: 400562

Ion Ratio Lower Upper

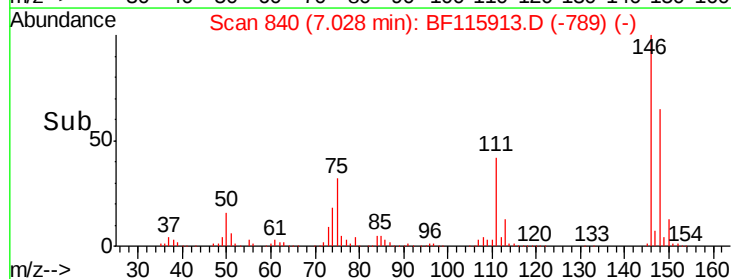
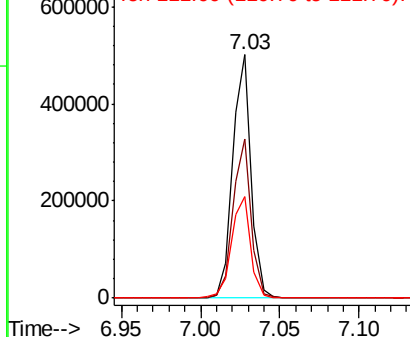
146 100

148 65.3 51.6 77.4

111 41.7 33.6 50.4



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: 44.882 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

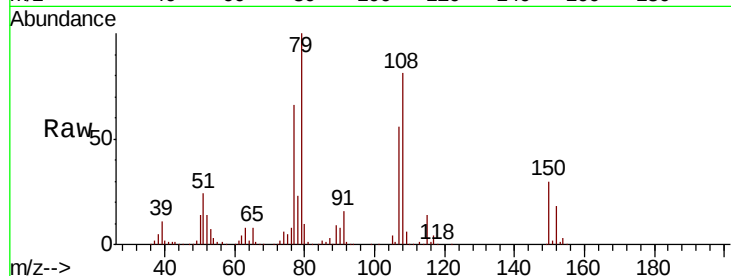
Tgt Ion: 79 Resp: 346917

Ion Ratio Lower Upper

79 100

108 81.1 62.8 94.2

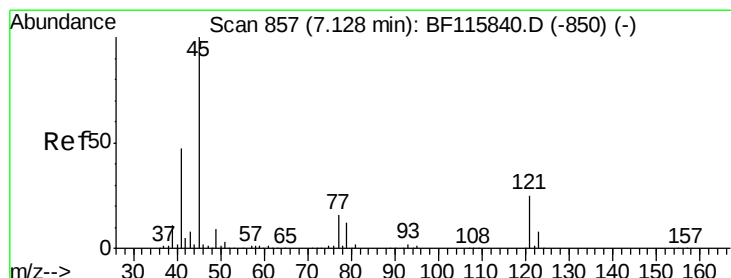
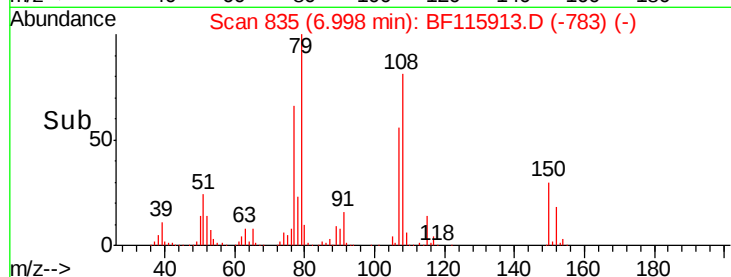
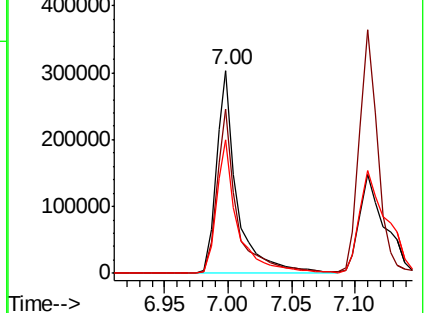
77 66.1 52.0 78.0



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: 41.778 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

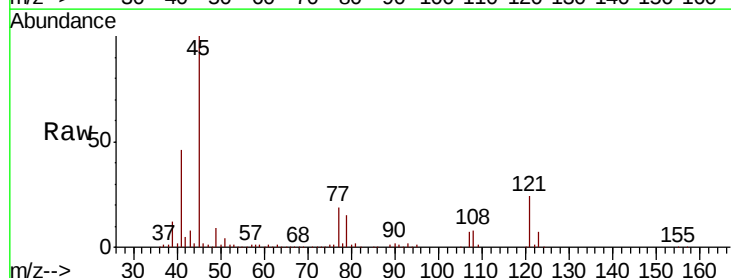
Tgt Ion: 45 Resp: 502507

Ion Ratio Lower Upper

45 100

77 18.6 0.0 36.3

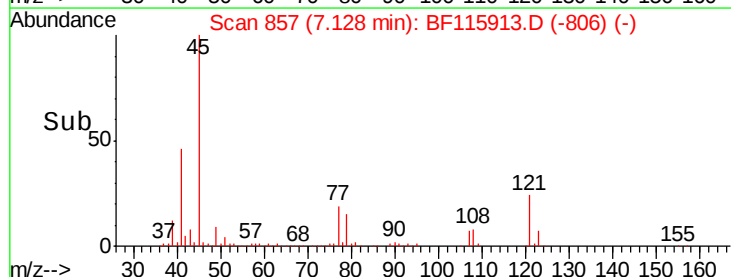
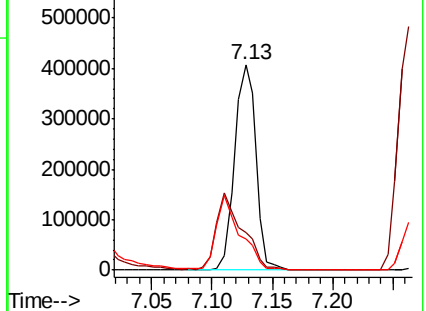
79 15.0 0.0 32.5

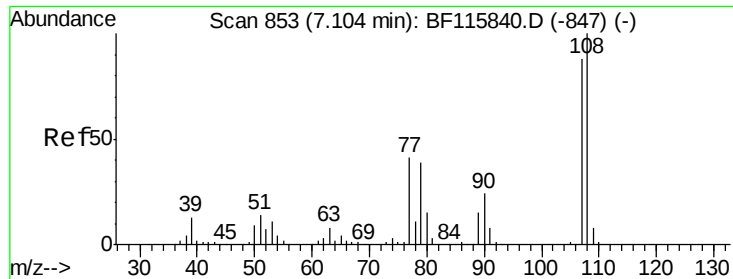


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

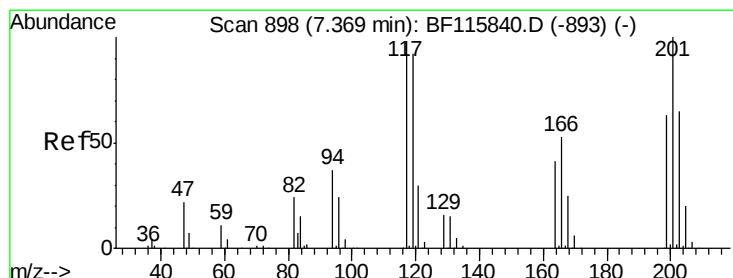
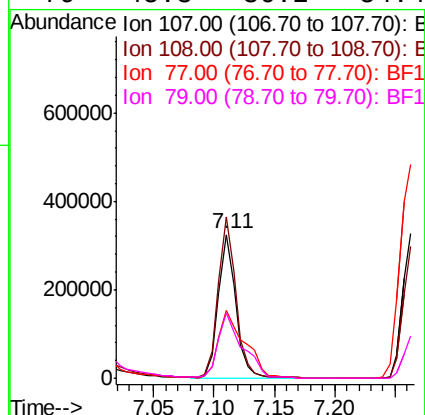
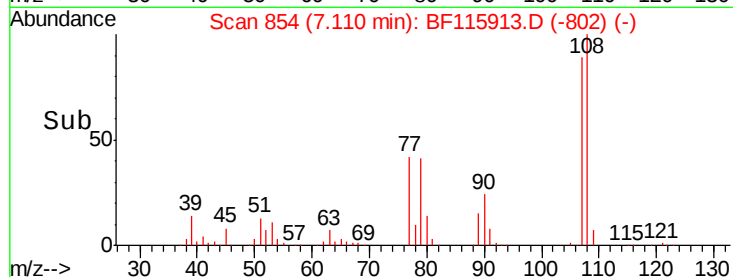
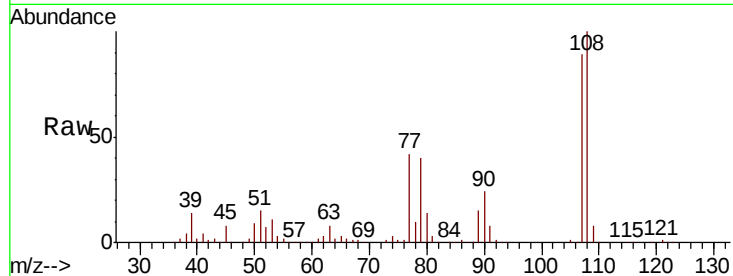




#17
2-Methylphenol
Concen: 42.872 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

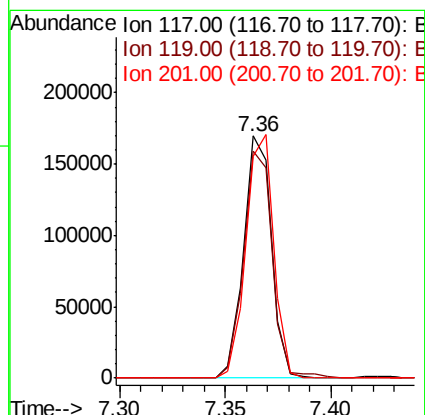
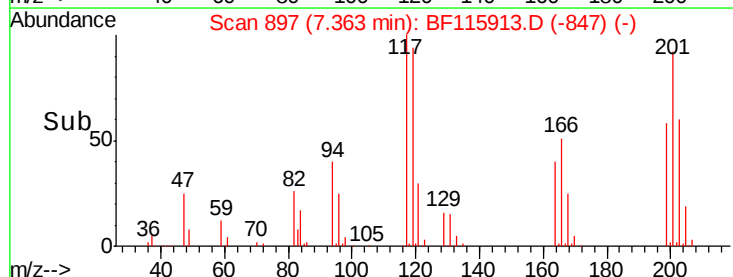
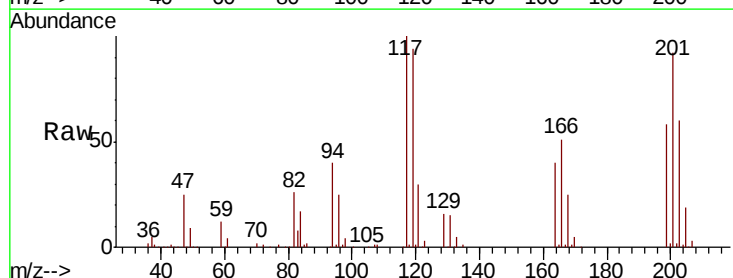
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:107 Resp: 324058
Ion Ratio Lower Upper
107 100
108 112.1 91.4 137.0
77 47.1 37.6 56.4
79 45.3 36.2 54.4



#18
Hexachloroethane
Concen: 40.675 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:117 Resp: 154693
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
201 91.7 82.0 123.0

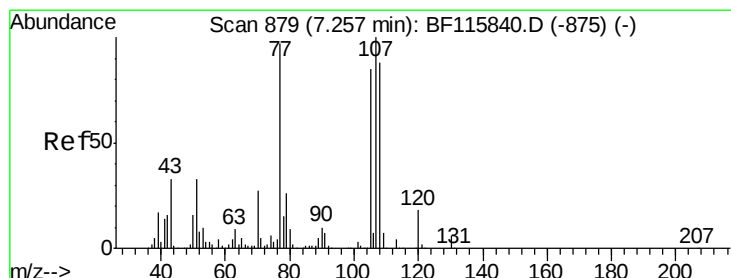
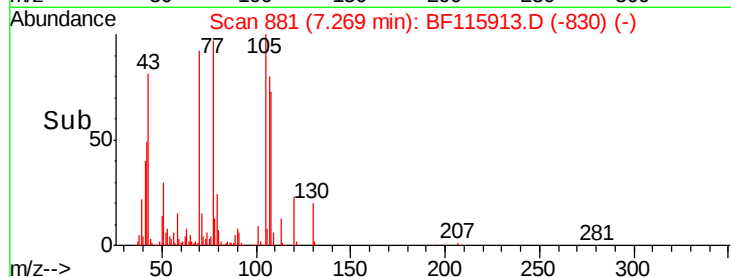
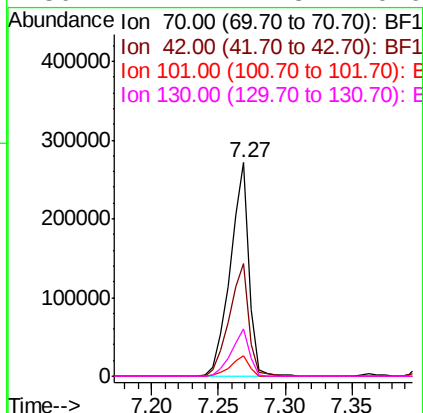
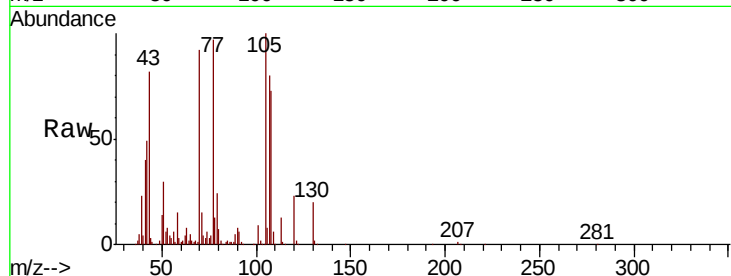




#19
n-Nitroso-di-n-propylamine
Concen: 42.382 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

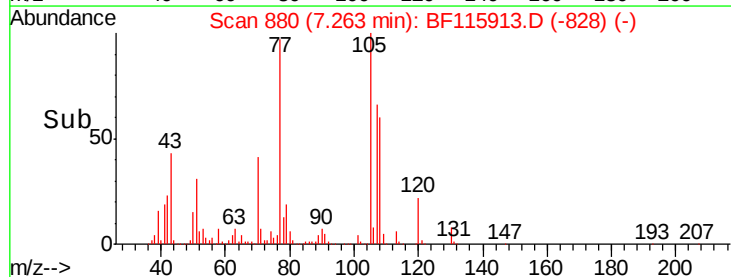
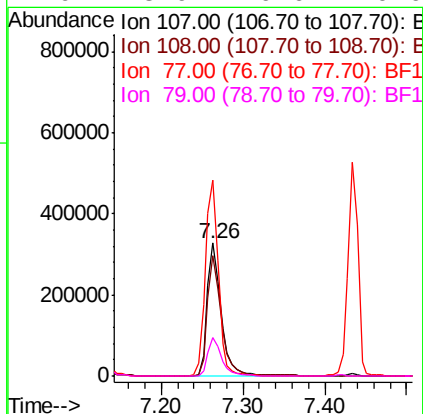
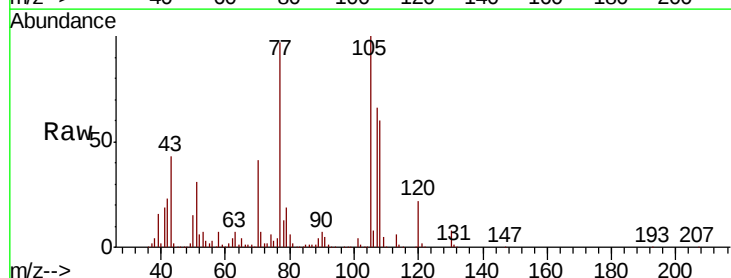
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:	70	Resp:	267492
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	9.9	7.7	11.5
130	22.1	17.8	26.6



#20
3+4-Methylphenols
Concen: 43.230 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:	107	Resp:	386686
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.9	107.9
77	147.4	77.3	117.3#
79	28.9	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

Tgt Ion:136 Resp: 514809

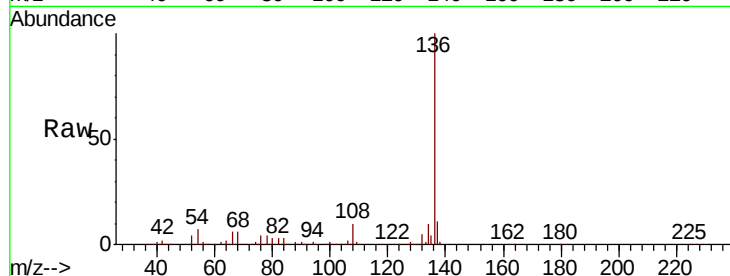
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.2 6.1 9.1

68 6.3 5.4 8.2

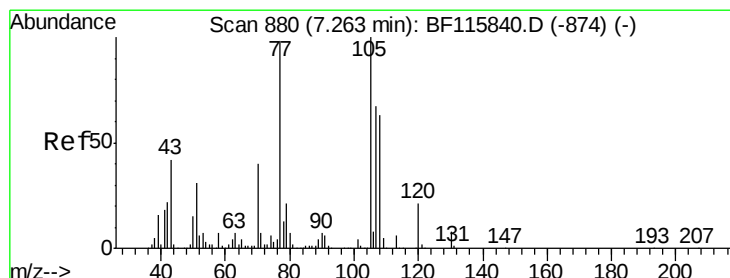
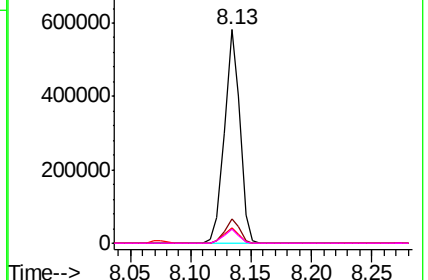
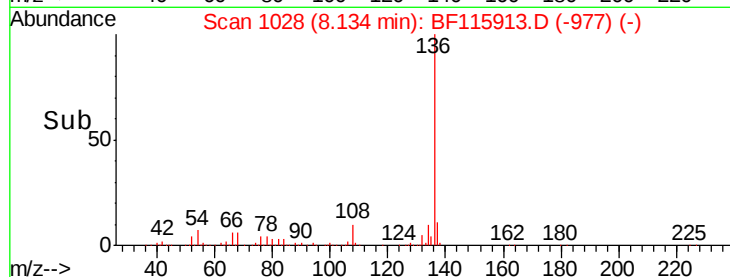


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.773 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Tgt Ion:105 Resp: 539377

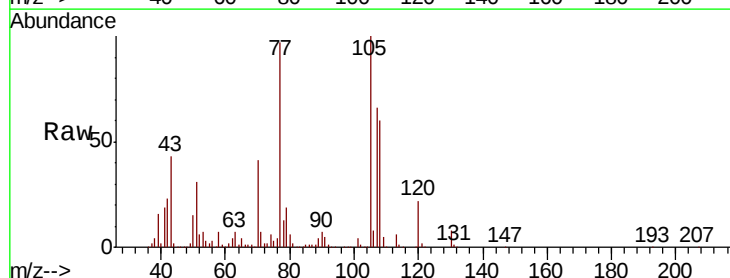
Ion Ratio Lower Upper

105 100

71 7.0 5.4 8.0

51 30.8 24.6 36.8

120 21.8 17.0 25.6

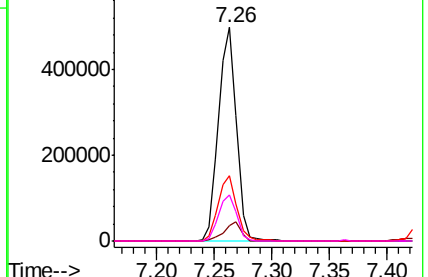
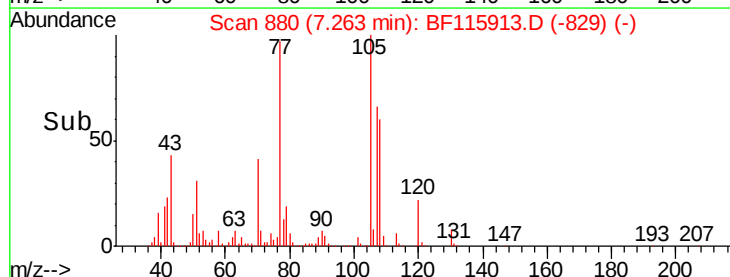


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

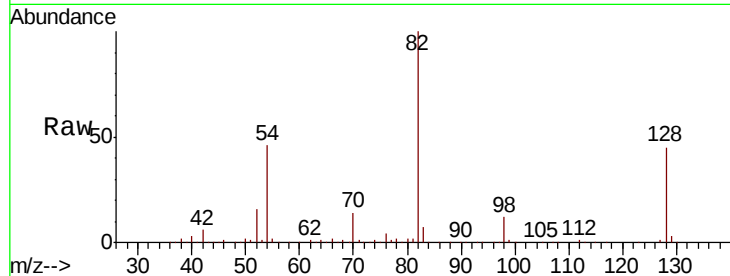




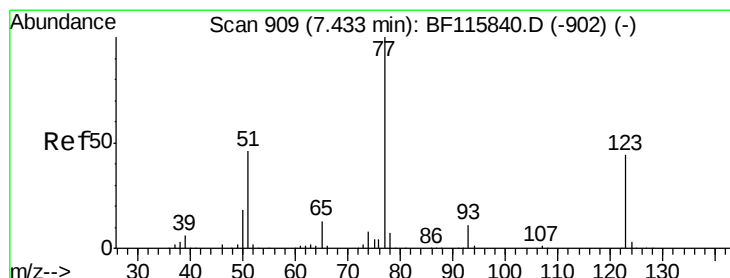
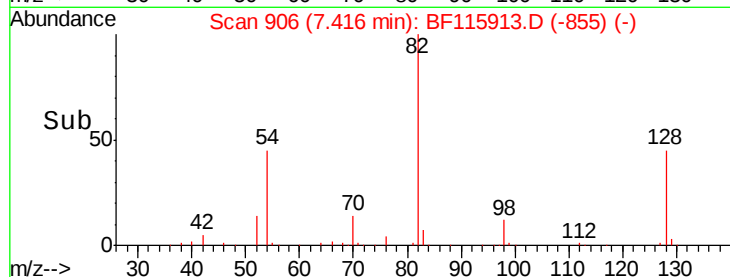
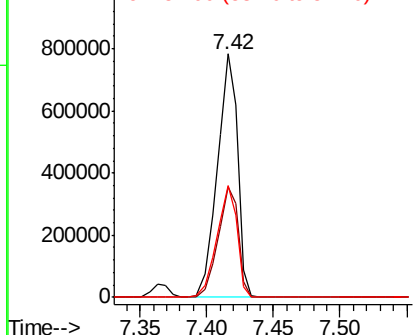
#23
 Nitrobenzene-d5
 Concen: 94.275 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion: 82 Resp: 840805
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.6 55.0
 54 45.9 36.6 55.0

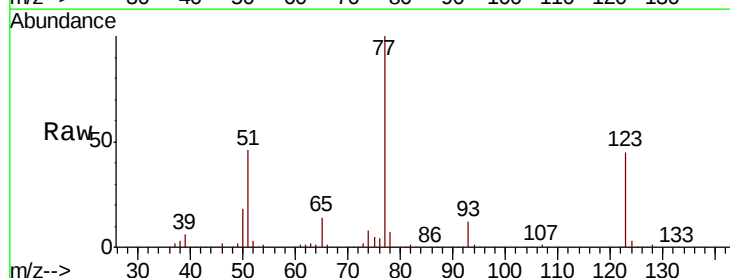


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

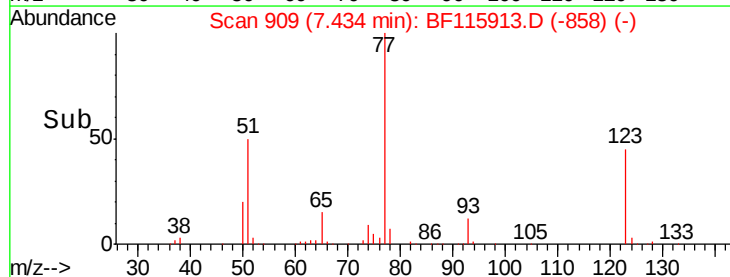
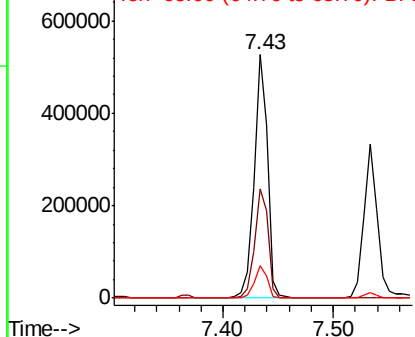


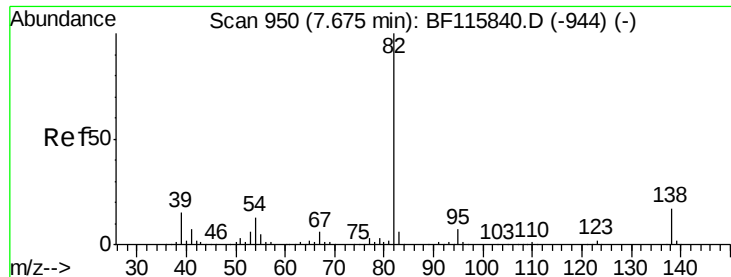
#24
 Nitrobenzene
 Concen: 46.102 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion: 77 Resp: 443965
 Ion Ratio Lower Upper
 77 100
 123 44.7 35.5 53.3
 65 13.5 10.6 15.8



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





#25

Isophorone

Concen: 45.442 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

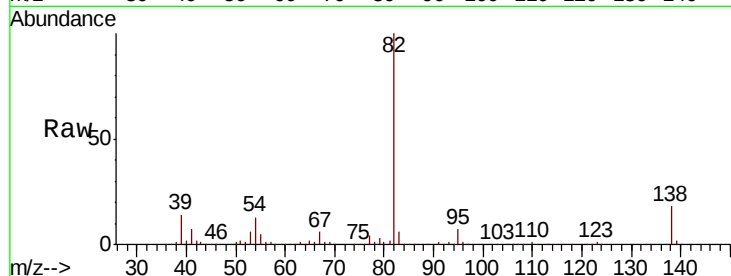
Tgt Ion: 82 Resp: 774962

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

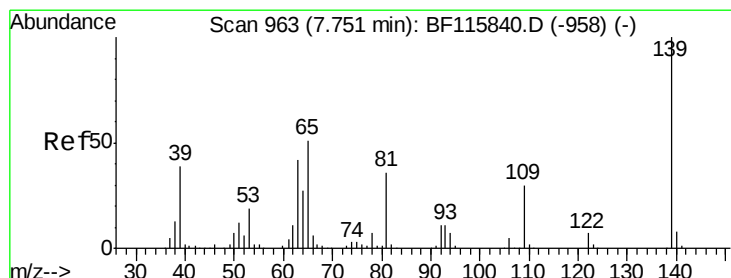
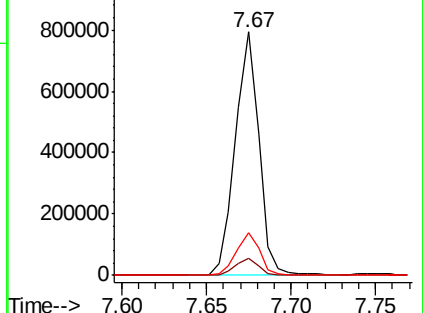
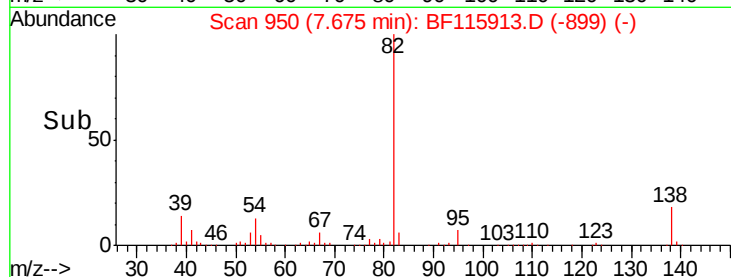
138 17.7 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.981 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

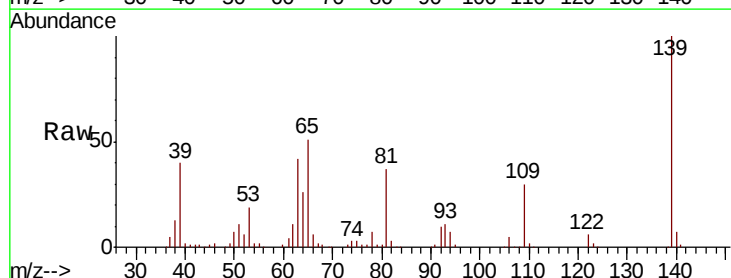
Tgt Ion: 139 Resp: 213268

Ion Ratio Lower Upper

139 100

109 29.8 23.6 35.4

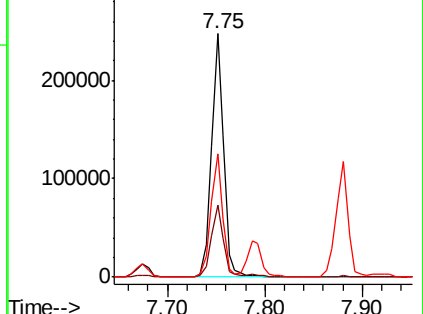
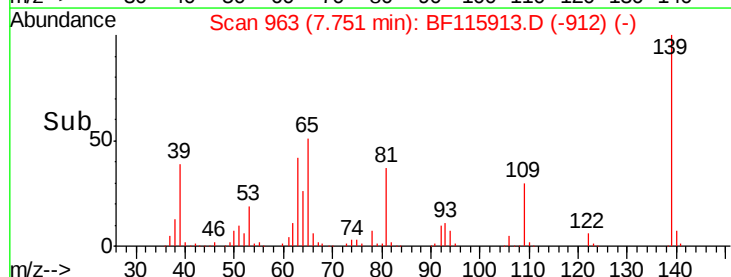
65 50.9 40.6 60.8

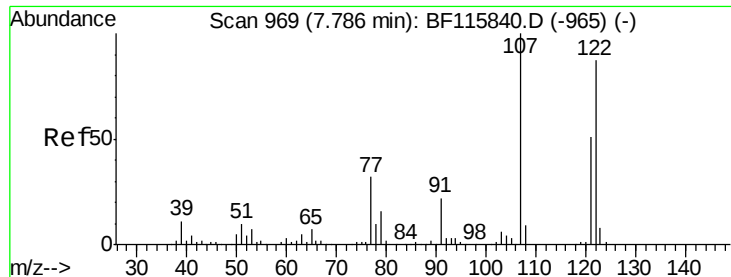


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

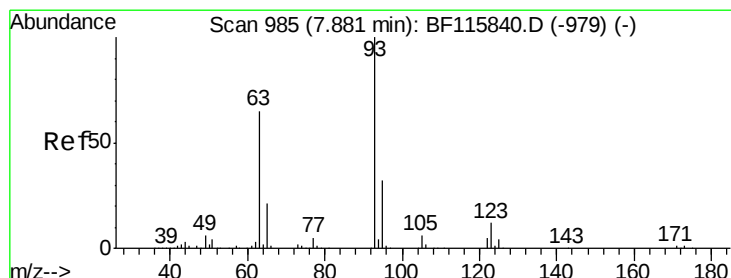
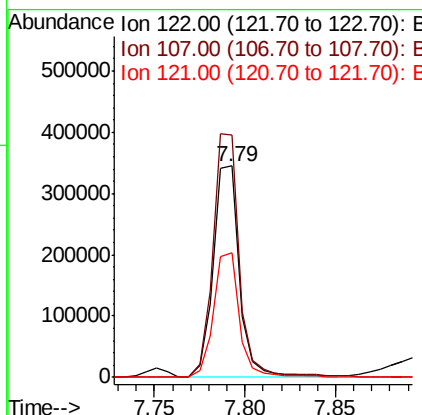
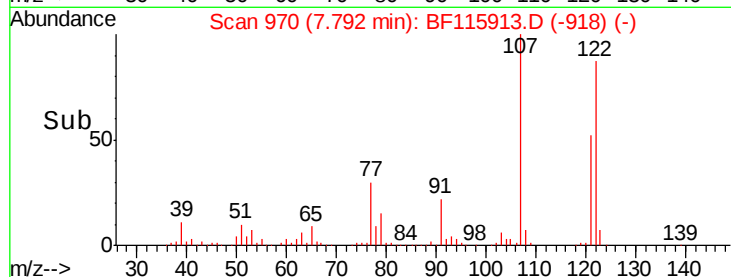
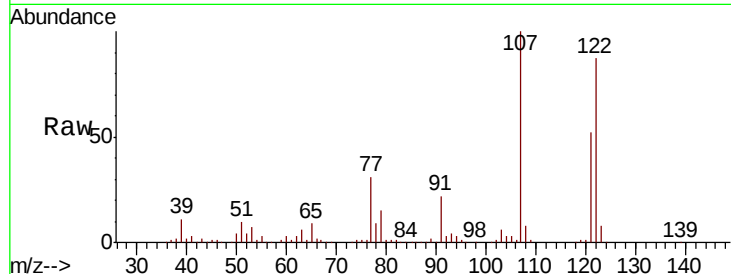




#27
 2,4-Dimethylphenol
 Concen: 50.869 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

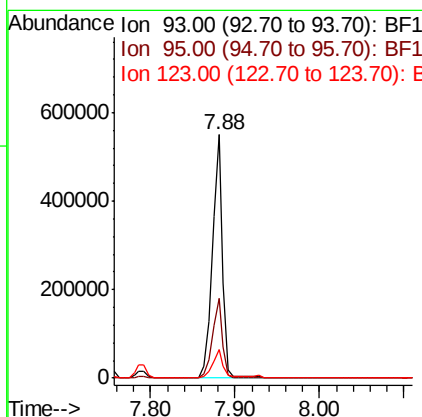
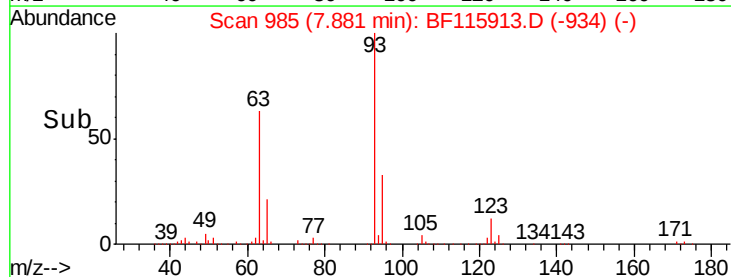
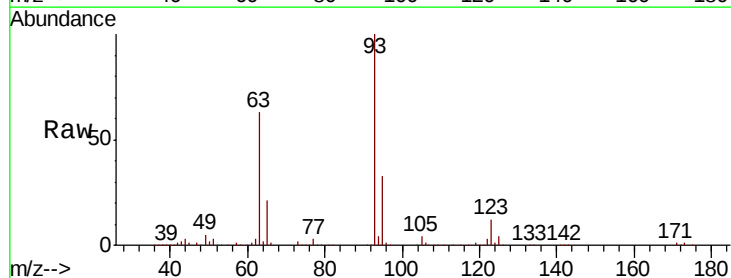
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion:122 Resp: 347411
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.7 137.5
 121 59.1 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.681 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion: 93 Resp: 472283
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.8 9.5 14.3

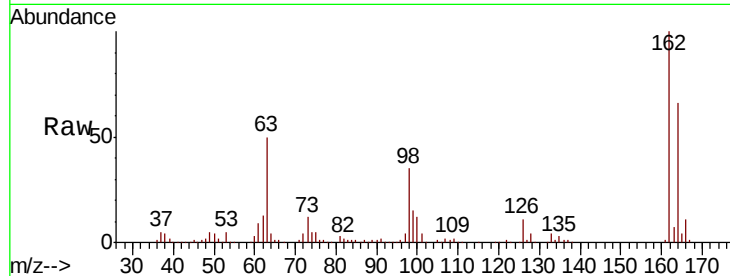




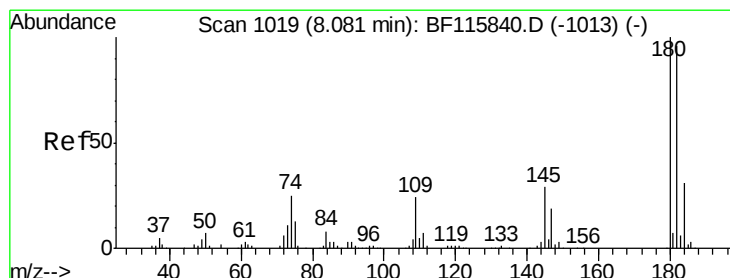
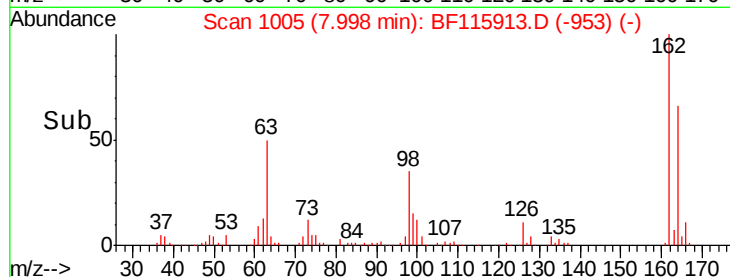
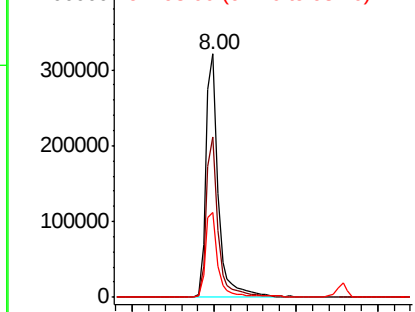
#29
 2,4-Dichlorophenol
 Concen: 46.940 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion:162 Resp: 338483
 Ion Ratio Lower Upper
 162 100
 164 65.9 43.2 83.2
 98 34.7 17.3 57.3

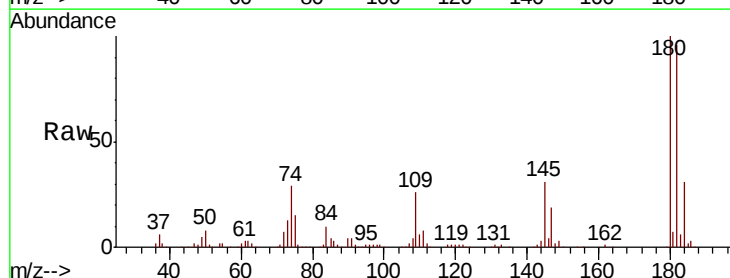


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

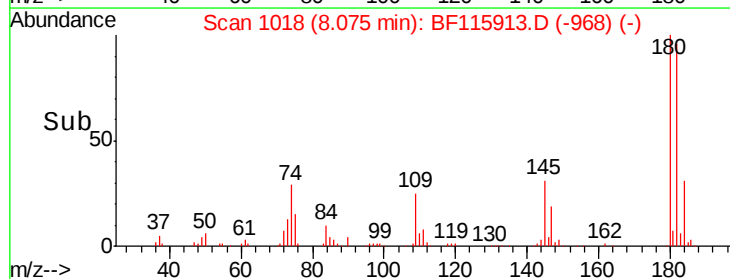
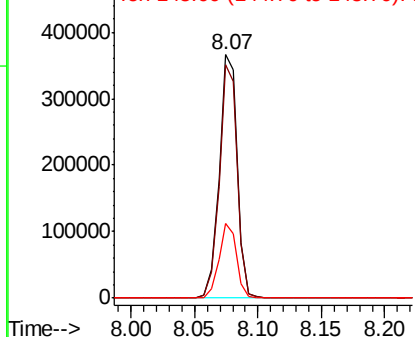


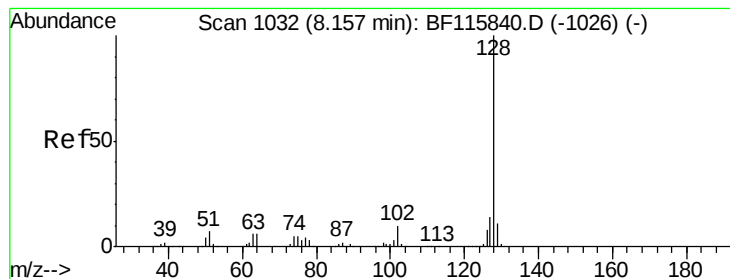
#30
 1,2,4-Trichlorobenzene
 Concen: 44.376 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:180 Resp: 364766
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 30.8 23.2 34.8



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





#31

Naphthalene

Concen: 47.039 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

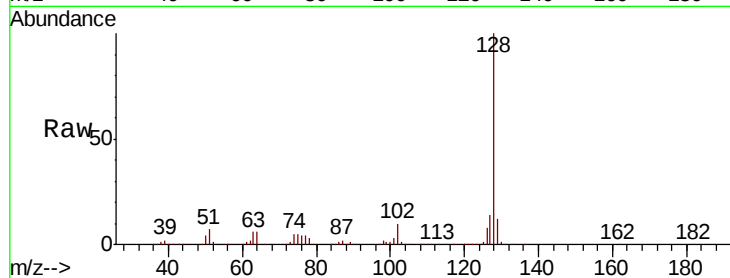
Tgt Ion:128 Resp: 1139551

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

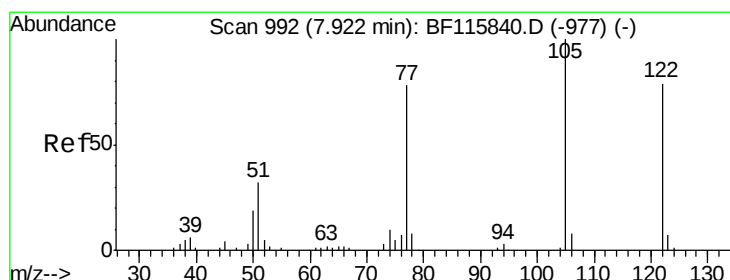
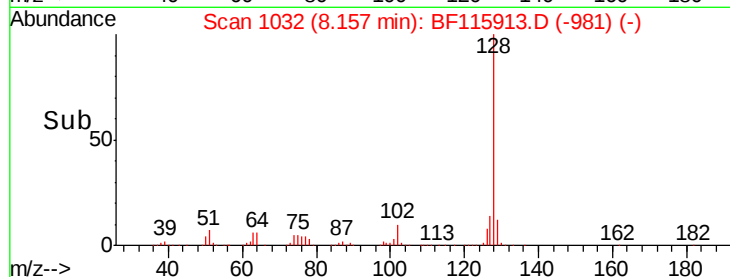
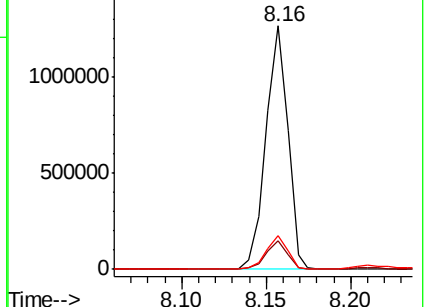
127 13.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.584 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

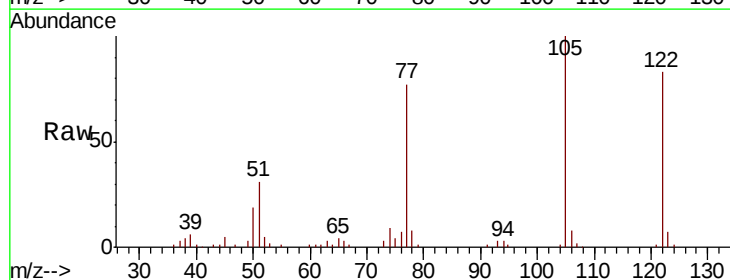
Tgt Ion:122 Resp: 171335

Ion Ratio Lower Upper

122 100

105 121.2 103.1 143.1

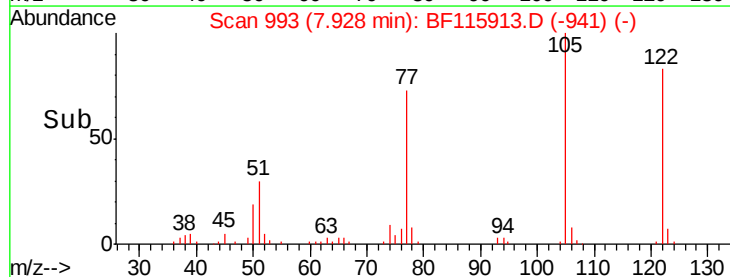
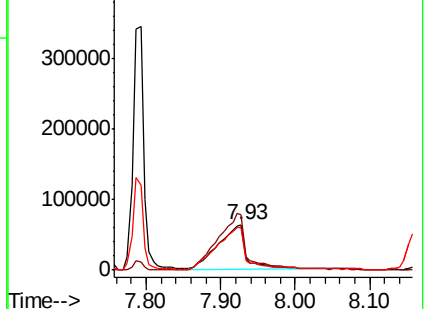
77 93.0 76.8 116.8

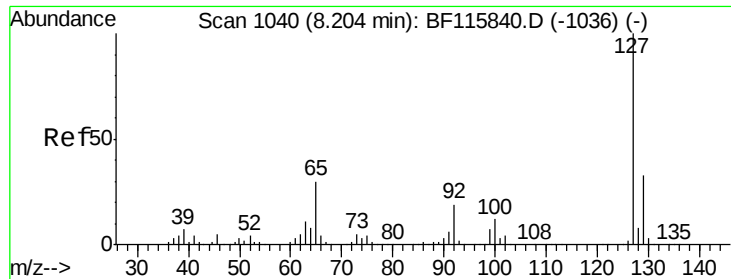


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

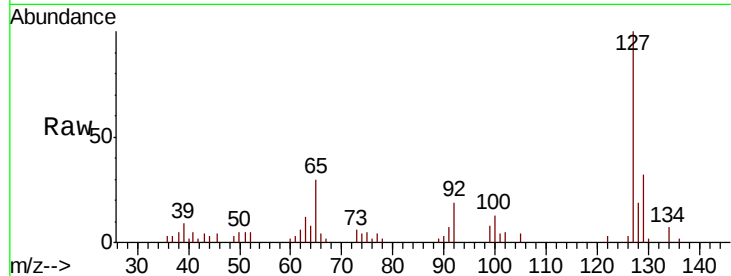




#33
4-Chloroaniline
Concen: 4.536 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:	127	Resp:	49104
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.0	39.0
65	29.9	23.9	35.9
92	18.5	14.9	22.3



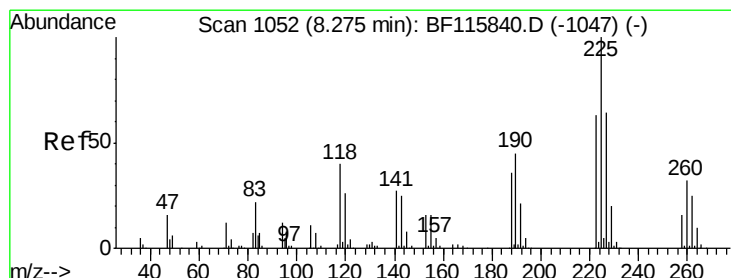
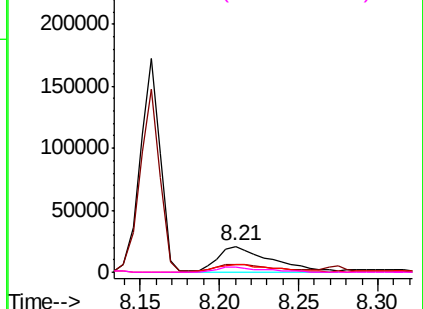
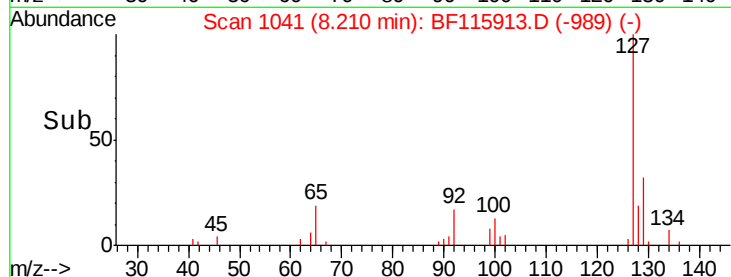
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

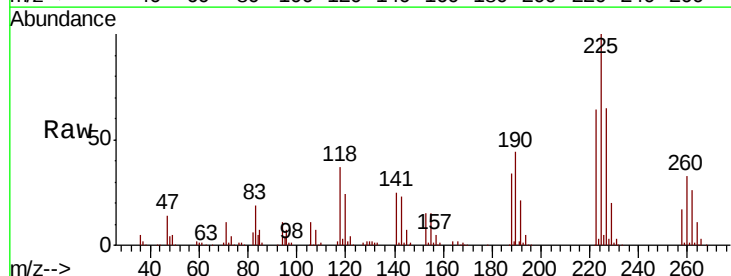
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.839 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:	225	Resp:	202826
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.4	75.6
227	64.8	51.6	77.4

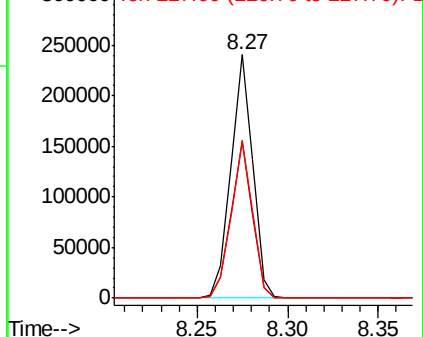
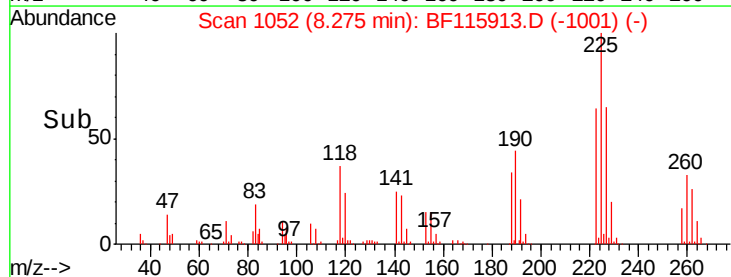


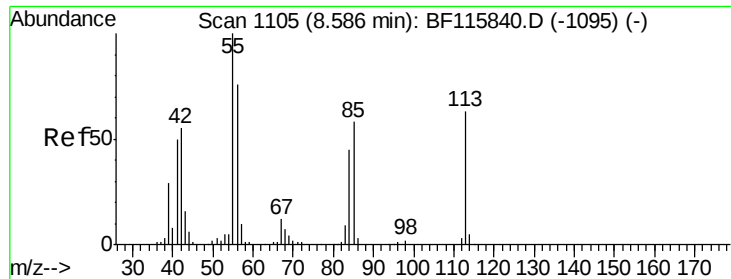
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

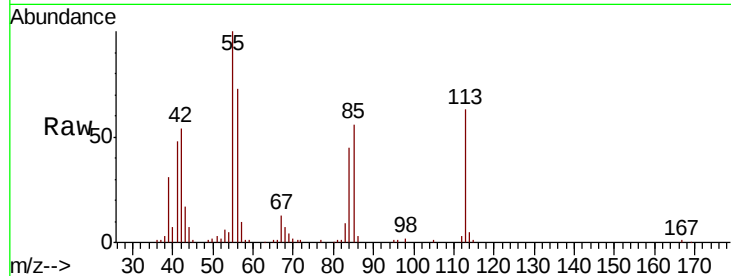




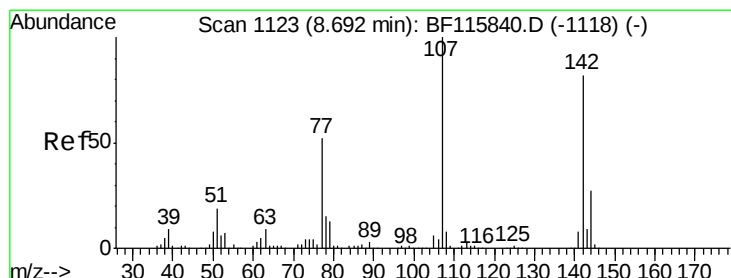
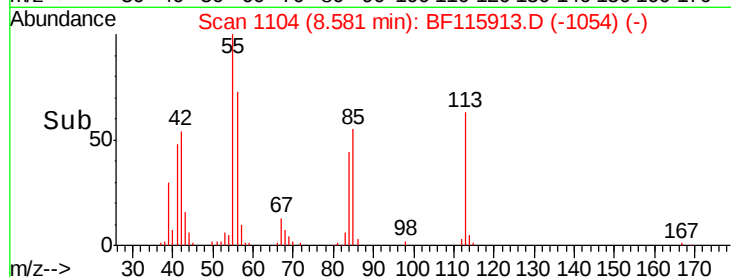
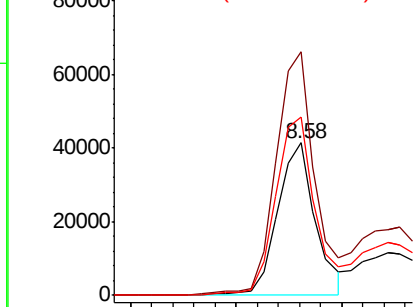
#35
 Caprolactam
 Concen: 22.107 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion:113 Resp: 51559
 Ion Ratio Lower Upper
 113 100
 55 159.4 138.1 178.1
 56 116.5 100.6 140.6

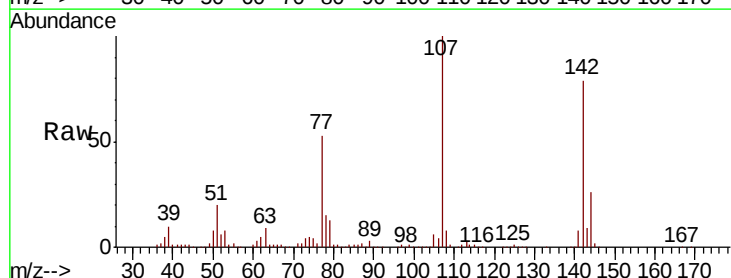


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

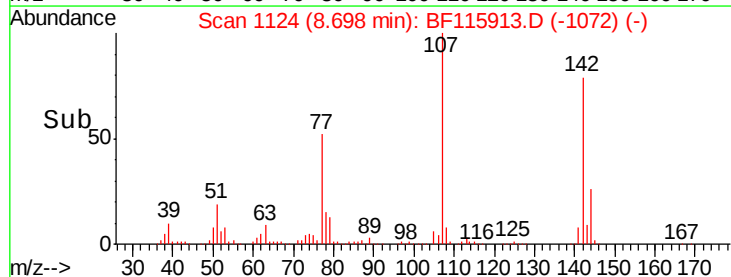
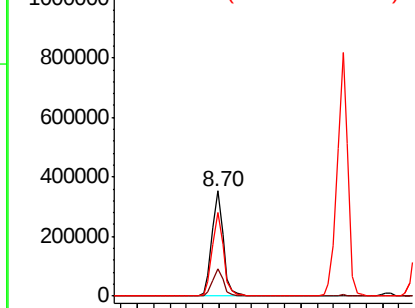


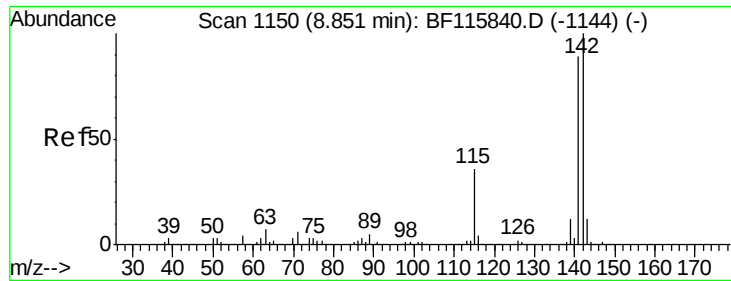
#36
 4-Chloro-3-methylphenol
 Concen: 45.897 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:107 Resp: 344310
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.0
 142 79.1 65.5 98.3



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

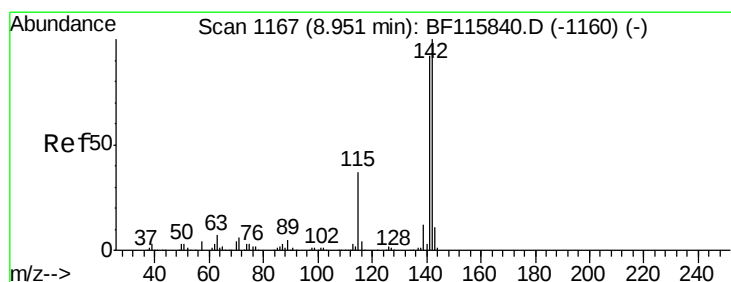
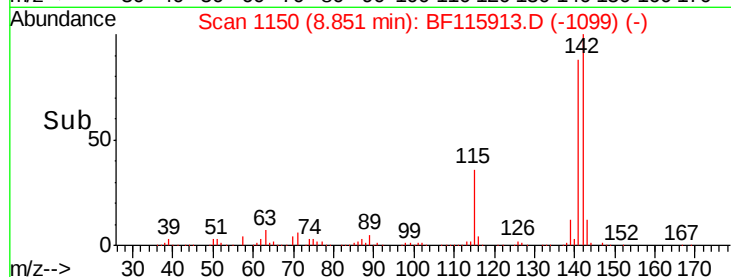
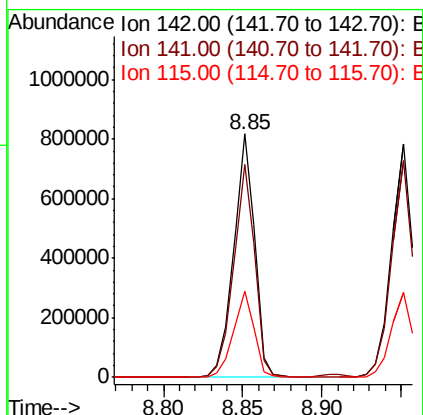
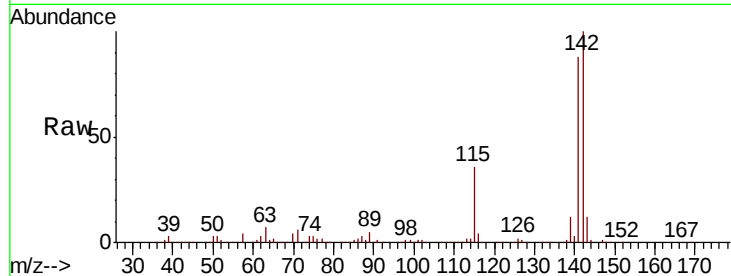




#37
2-Methylnaphthalene
Concen: 47.251 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

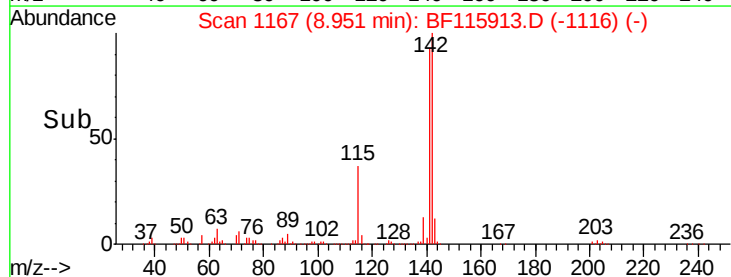
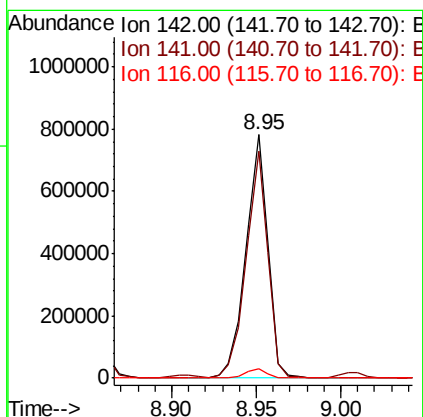
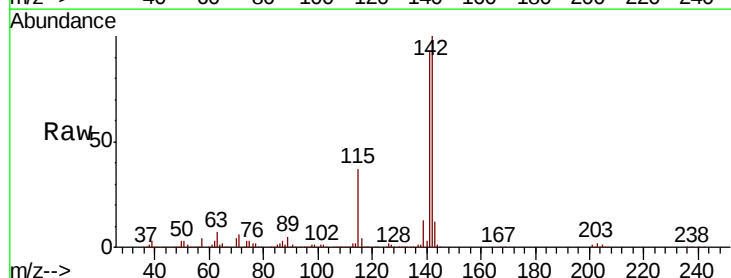
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

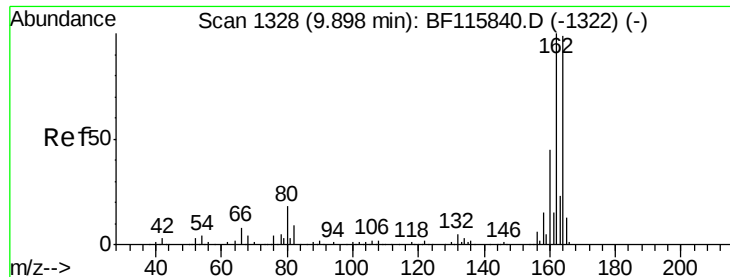
Tgt Ion:142 Resp: 753873
Ion Ratio Lower Upper
142 100
141 87.6 71.4 107.2
115 35.6 28.9 43.3



#38
1-Methylnaphthalene
Concen: 46.870 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:142 Resp: 707453
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.6
116 3.8 3.1 4.7

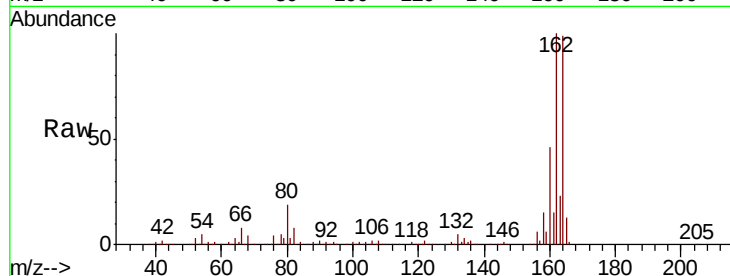




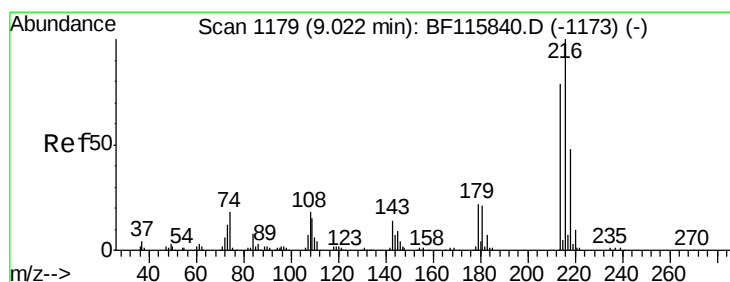
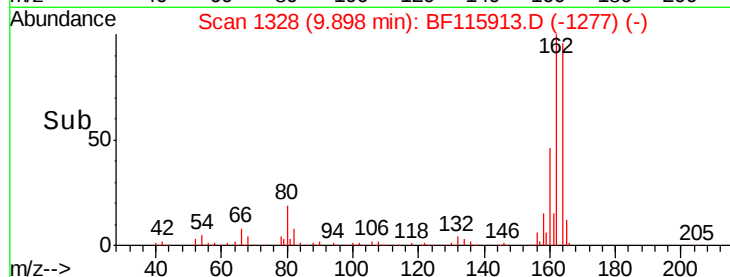
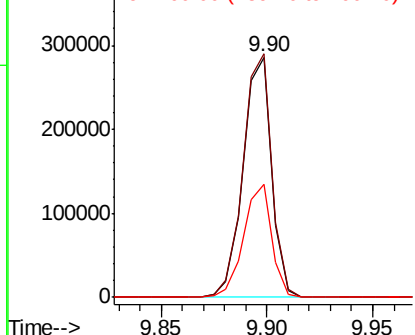
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:164 Resp: 267645
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 46.9 36.2 54.4

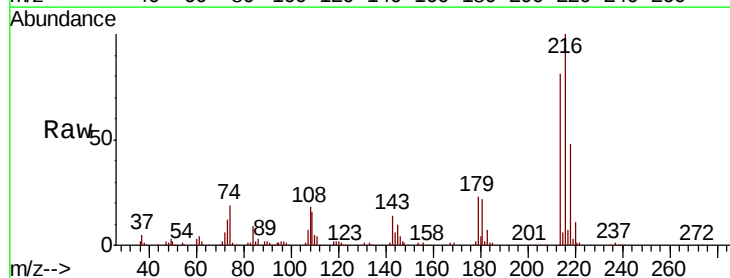


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

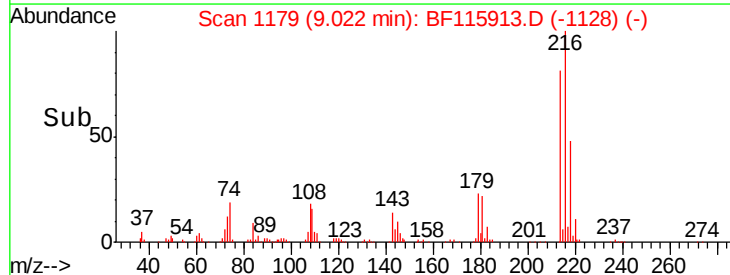
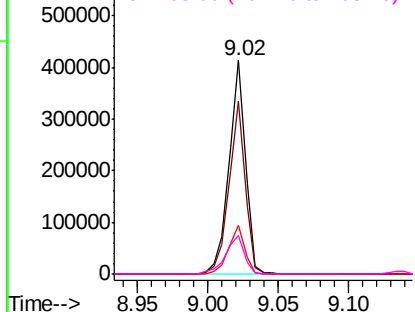


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.946 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:216 Resp: 335913
Ion Ratio Lower Upper
216 100
214 80.1 62.8 94.2
179 22.2 17.6 26.4
108 20.8 16.1 24.1



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: 45.474 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

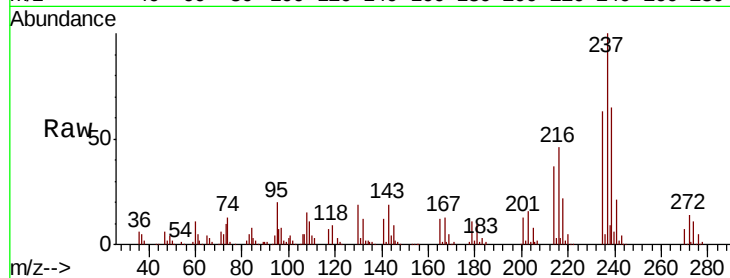
Tgt Ion: 237 Resp: 137206

Ion Ratio Lower Upper

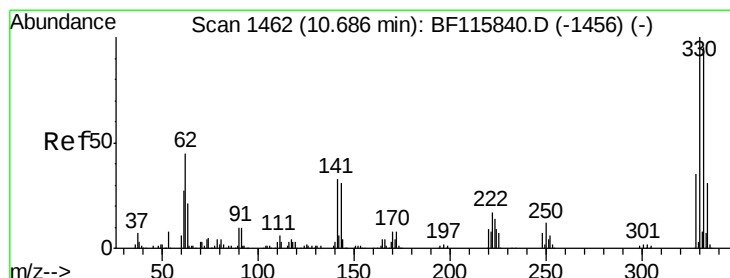
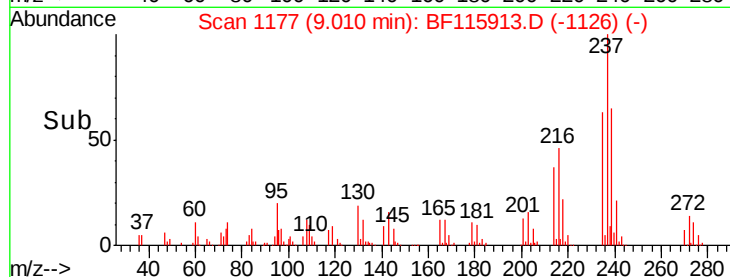
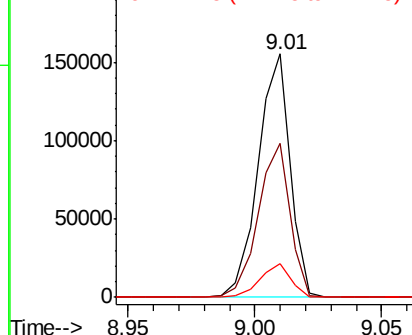
237 100

235 63.3 42.5 82.5

272 13.6 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 123.144 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

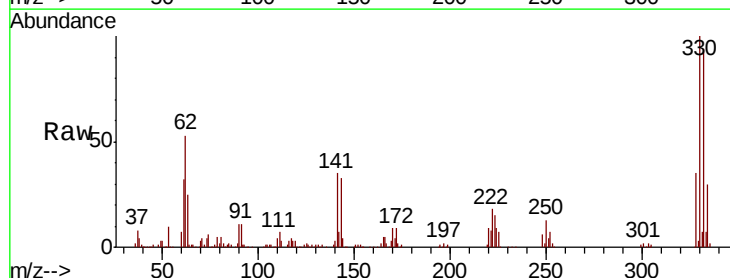
Tgt Ion: 330 Resp: 319546

Ion Ratio Lower Upper

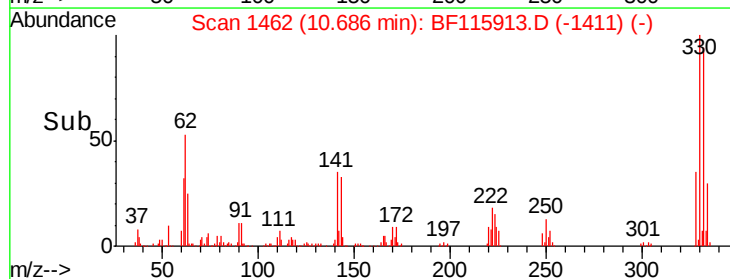
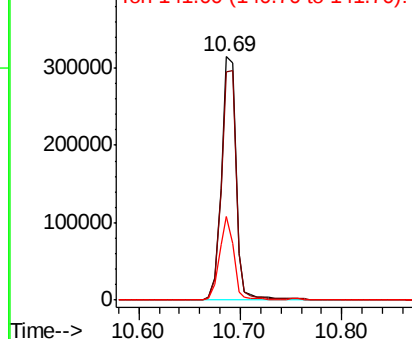
330 100

332 96.2 77.7 116.5

141 33.2 28.1 42.1



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

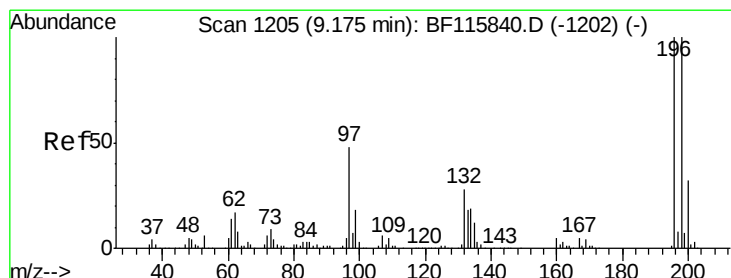
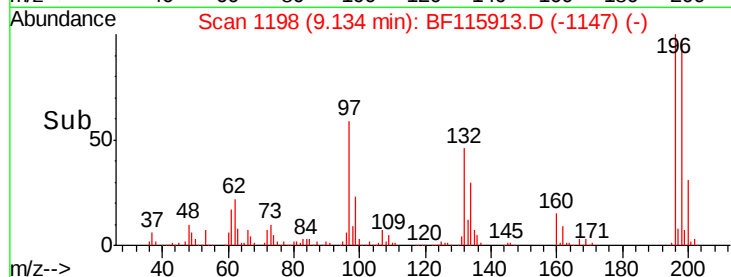
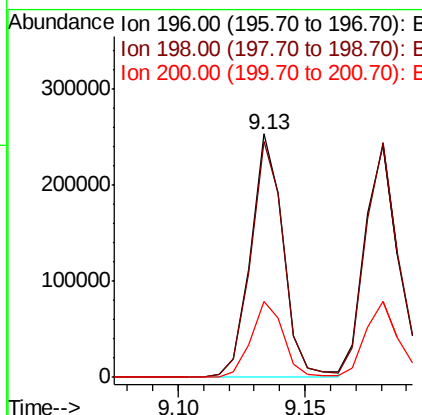
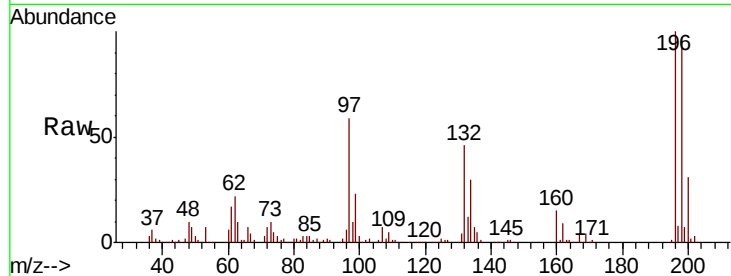




#43
 2,4,6-Trichlorophenol
 Concen: 45.818 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

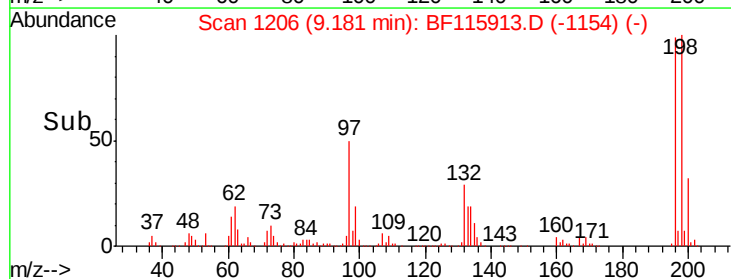
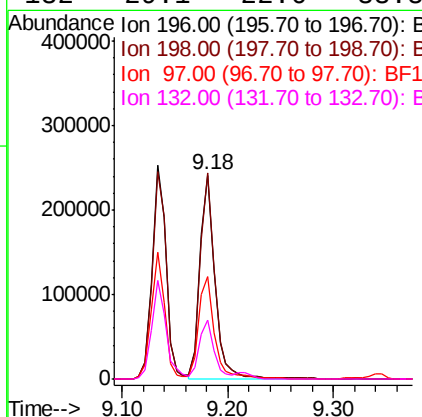
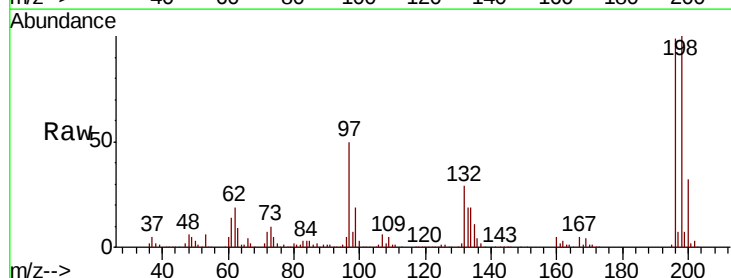
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

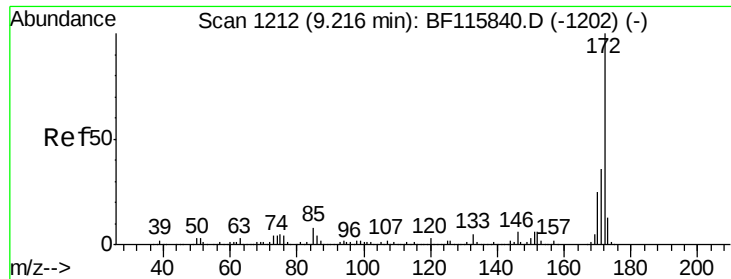
Tgt Ion:	196	Resp:	225658
Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.1	118.7
200	31.4	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.307 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:	196	Resp:	235752
Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.1	120.1
97	49.9	38.9	58.3
132	29.1	22.6	33.8

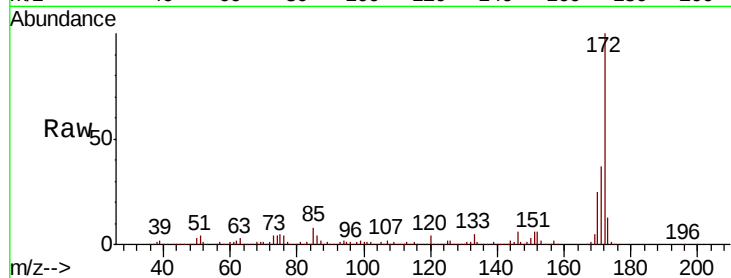




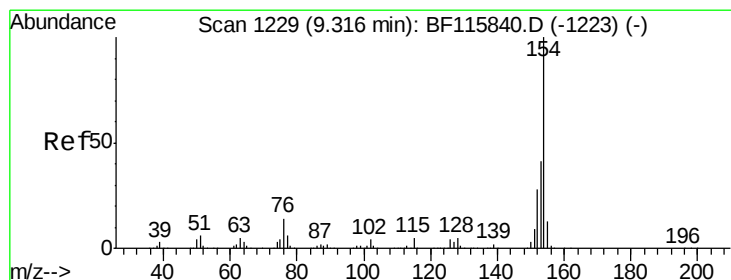
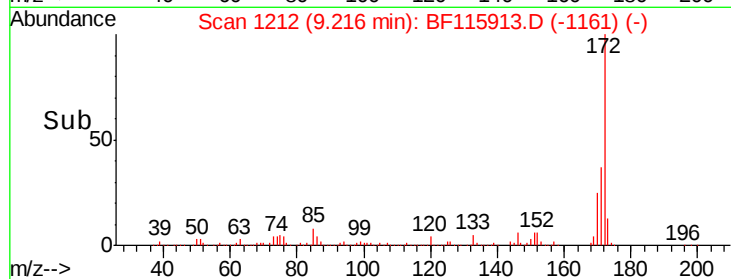
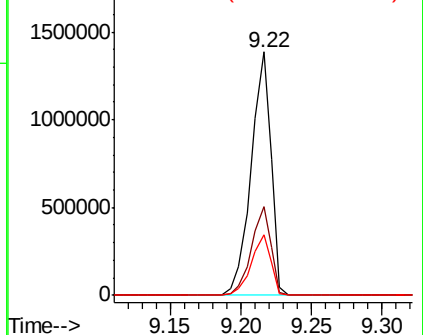
#45
 2-Fluorobiphenyl
 Concen: 96.241 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion:172 Resp: 1375200
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 25.0 20.1 30.1

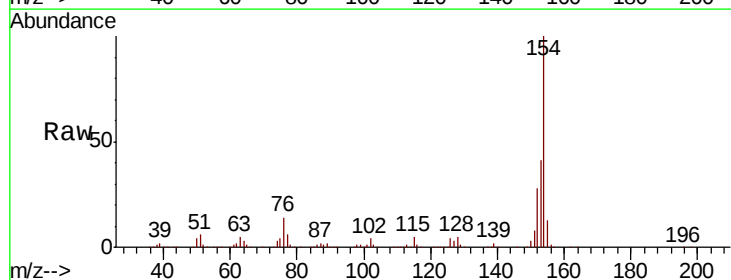


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

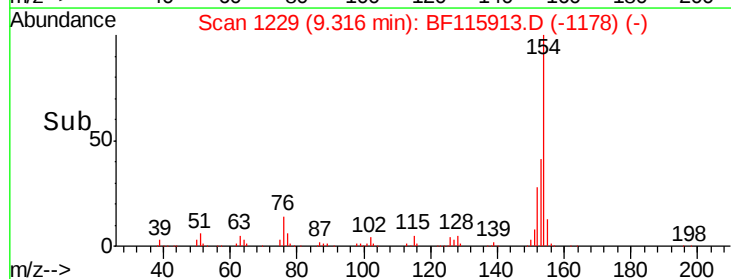
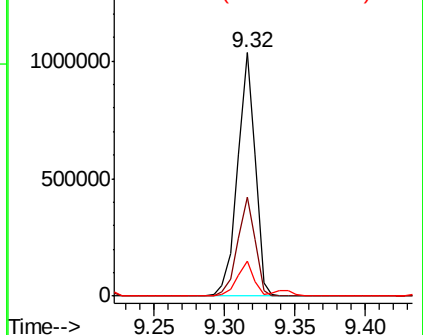


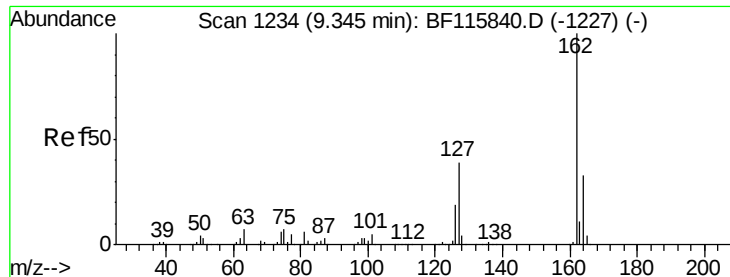
#46
 1,1'-Biphenyl
 Concen: 47.462 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:154 Resp: 896823
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.9 60.9
 76 14.3 0.0 34.3



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

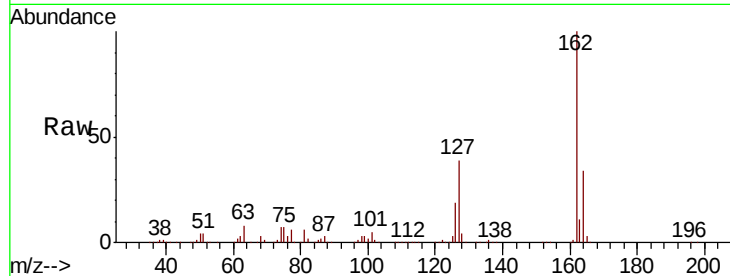




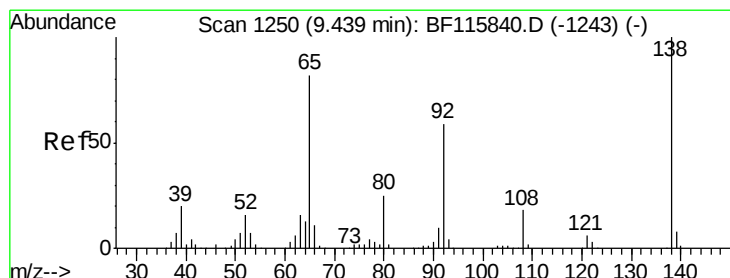
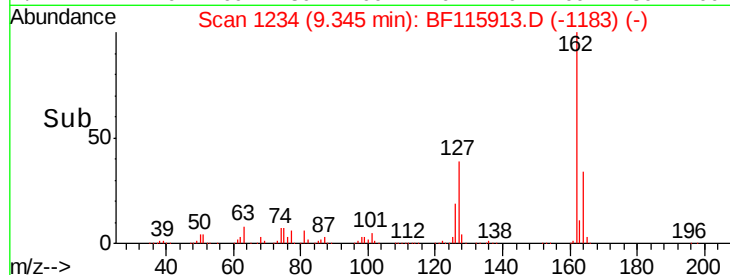
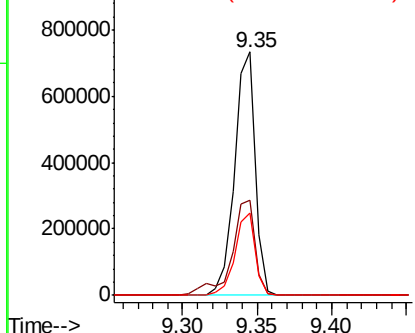
#47
2-Chloronaphthalene
Concen: 45.478 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.3	46.9
164	33.9	26.6	40.0

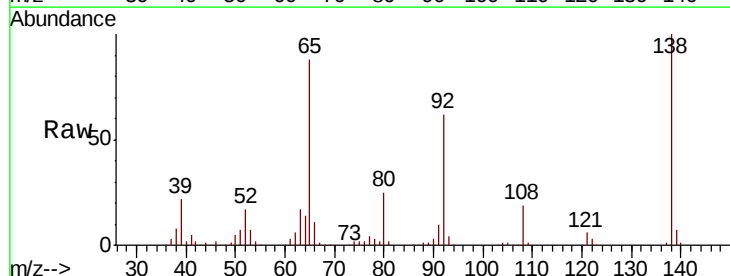


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

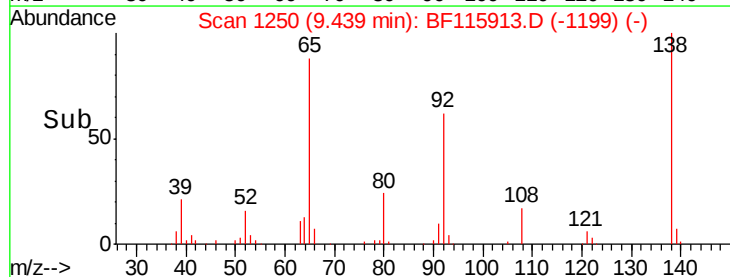
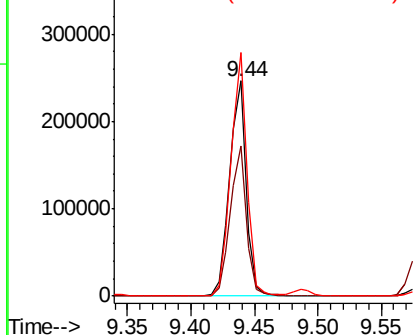


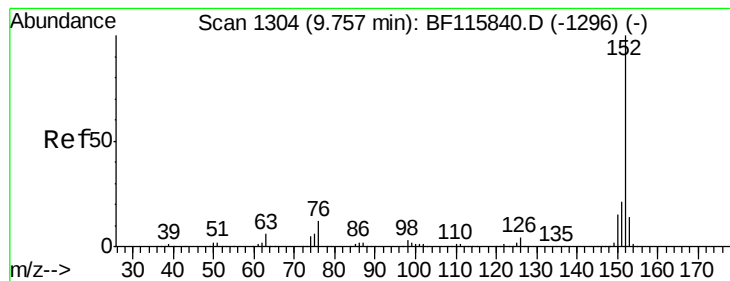
#48
2-Nitroaniline
Concen: 43.012 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.1	85.7
138	113.1	97.1	145.7



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: 46.898 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

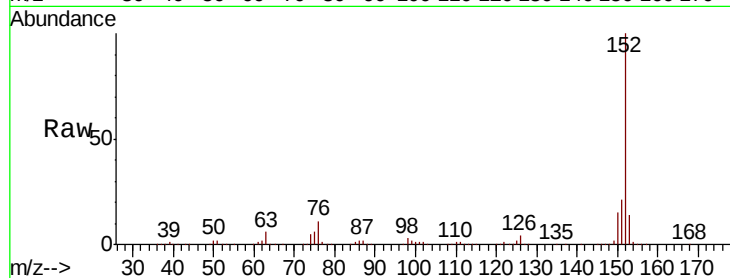
Tgt Ion:152 Resp: 1076030

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

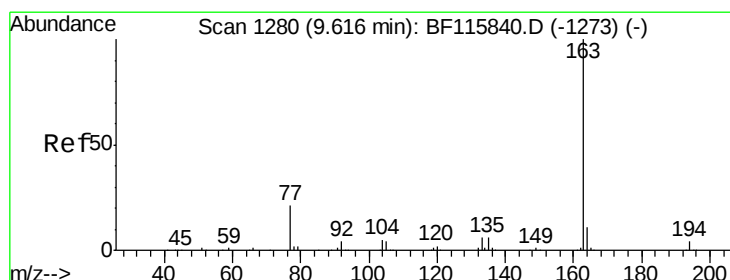
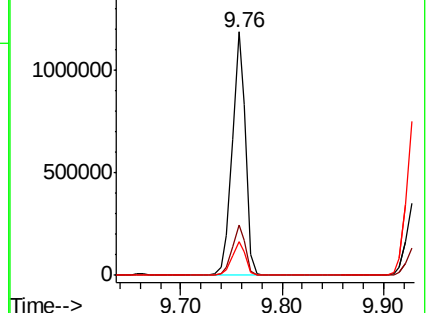
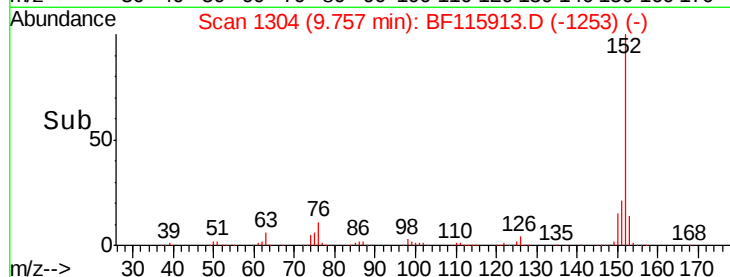
153 14.0 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.138 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

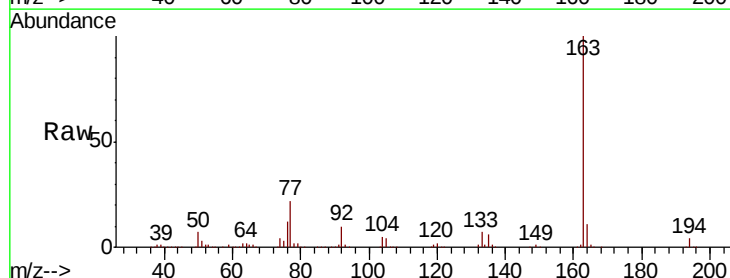
Tgt Ion:163 Resp: 859026

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

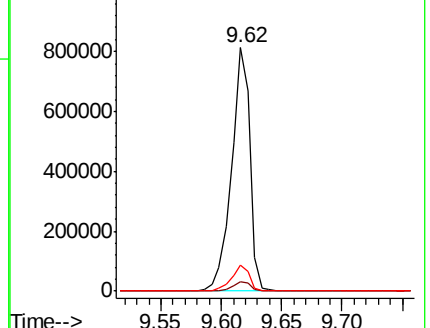
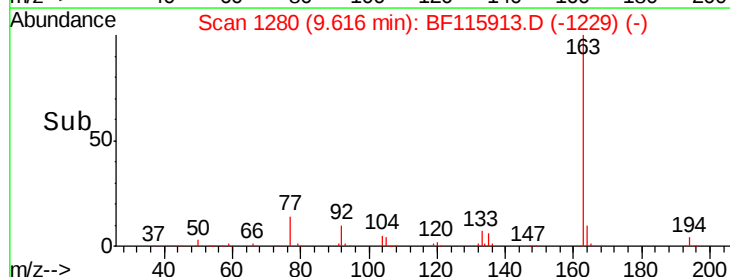
164 10.6 8.4 12.6

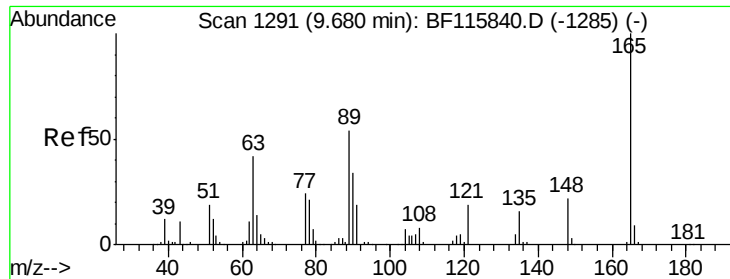


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.195 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

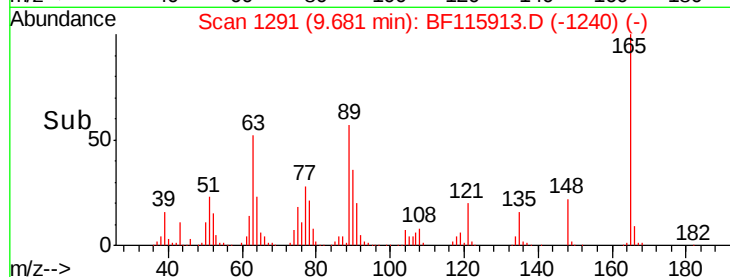
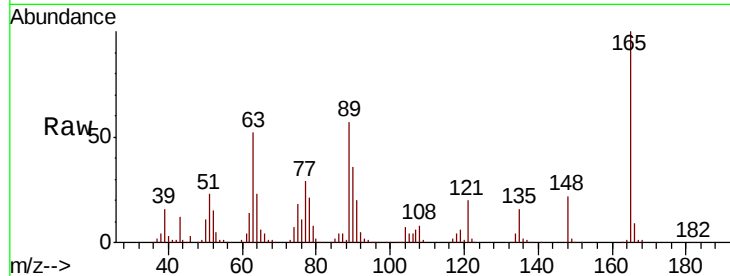
Tgt Ion:165 Resp: 178987

Ion Ratio Lower Upper

165 100

63 52.1 39.4 59.2

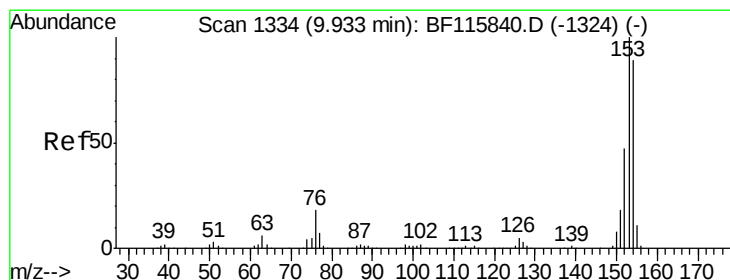
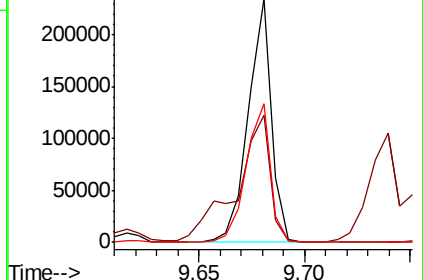
89 57.1 43.0 64.6



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: 45.524 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

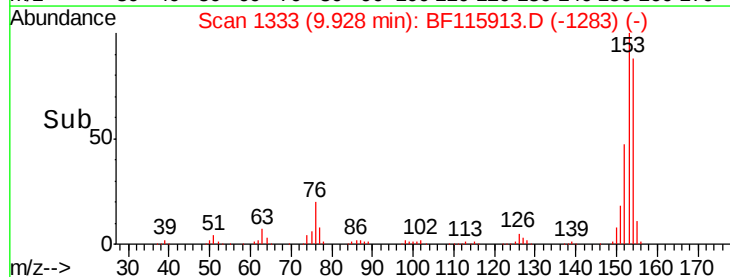
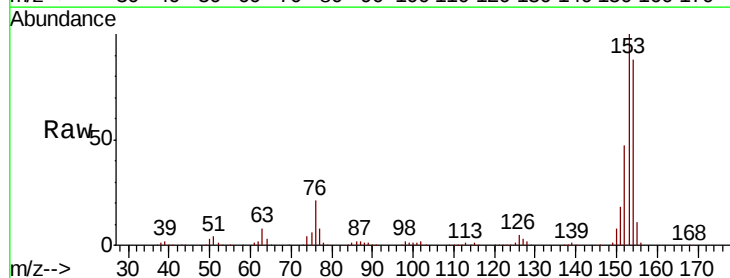
Tgt Ion:154 Resp: 640787

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

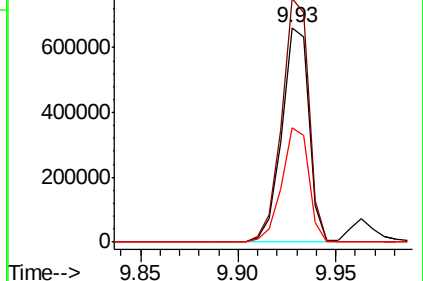
152 53.3 42.6 63.8

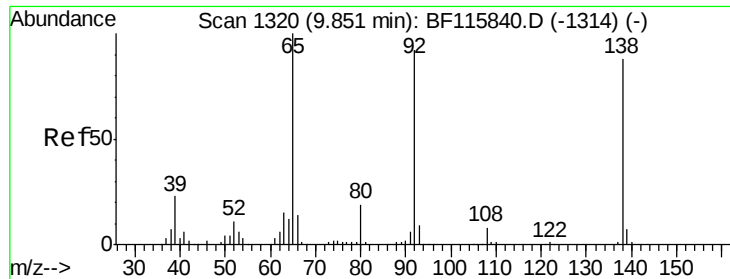


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

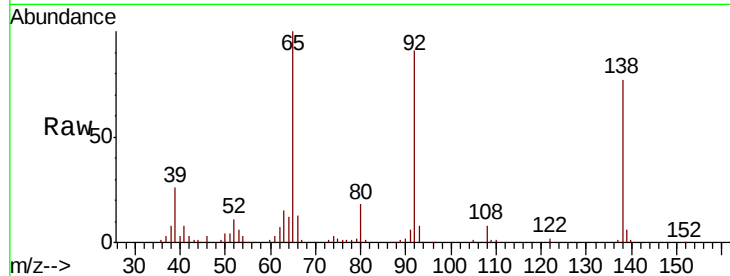




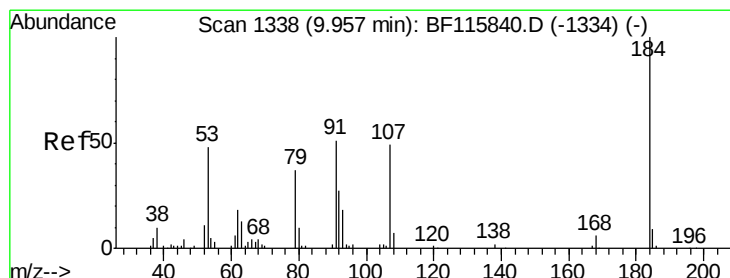
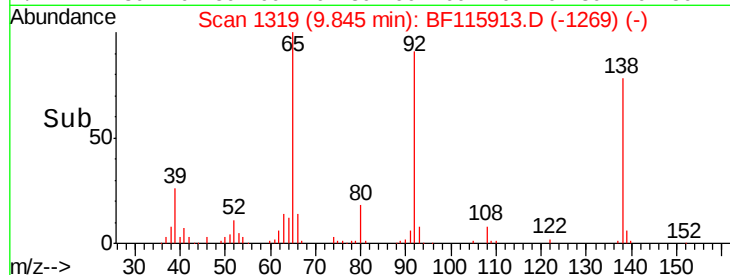
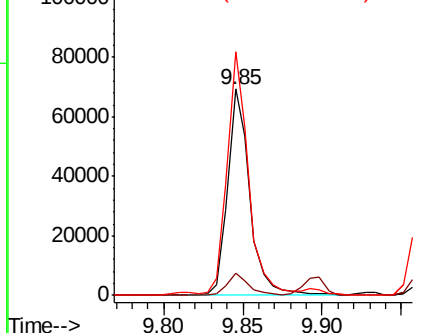
#53
3-Nitroaniline
Concen: 13.686 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:138 Resp: 66971
Ion Ratio Lower Upper
138 100
108 10.5 7.4 11.2
92 118.0 83.9 125.9

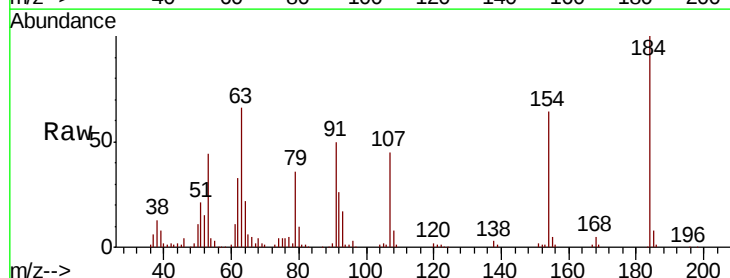


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

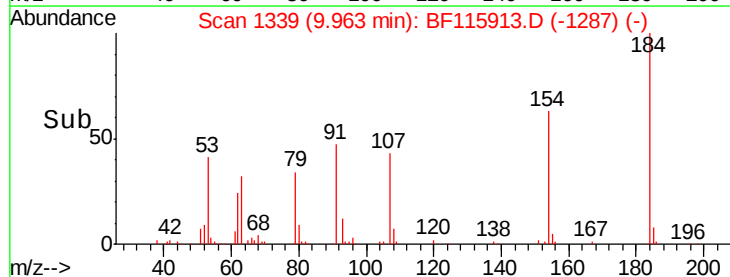
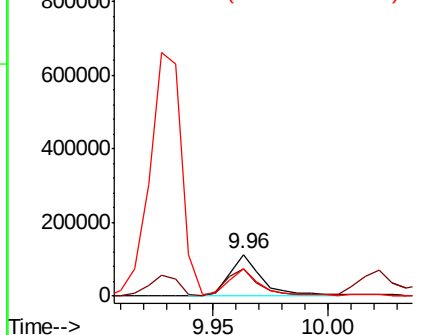


#54
2,4-Dinitrophenol
Concen: 56.677 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:184 Resp: 109078
Ion Ratio Lower Upper
184 100
63 66.3 56.7 85.1
154 64.1 51.9 77.9



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

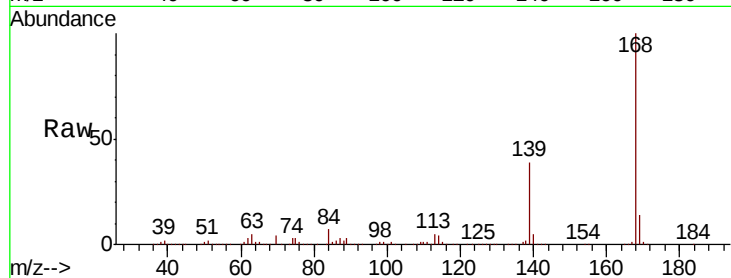




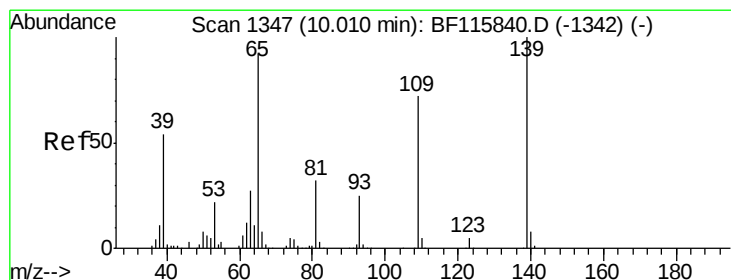
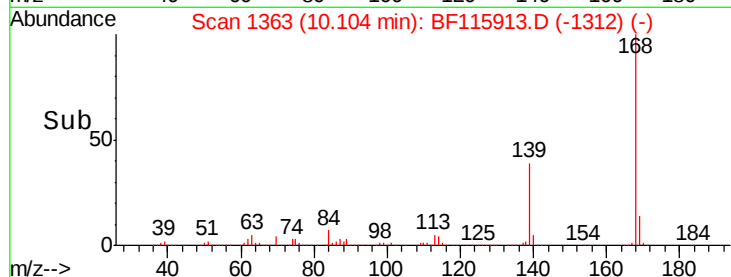
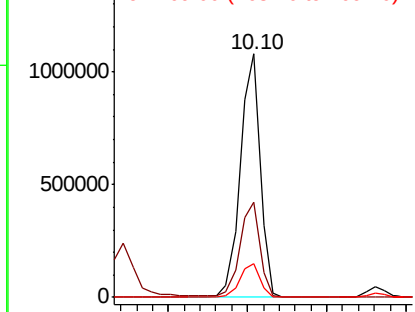
#55
Dibenzofuran
Concen: 45.784 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:168 Resp: 937186
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.2
169 13.7 10.8 16.2

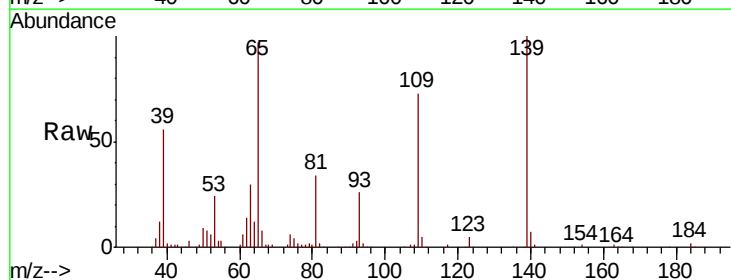


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

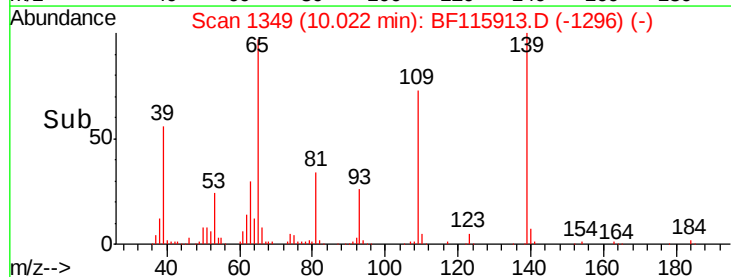
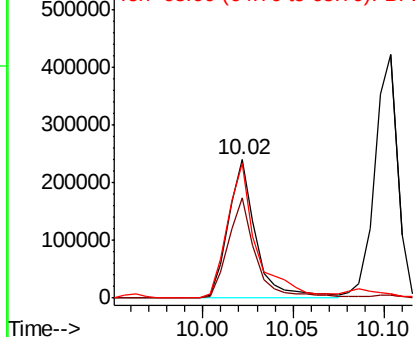


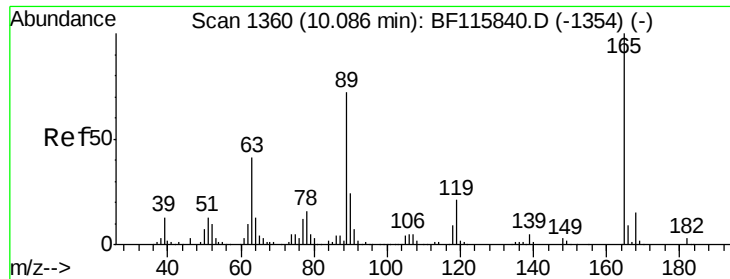
#56
4-Nitrophenol
Concen: 81.508 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:139 Resp: 255507
Ion Ratio Lower Upper
139 100
109 72.7 52.0 92.0
65 97.3 72.6 112.6



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

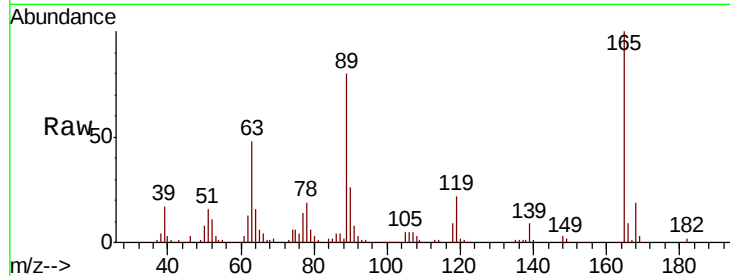




#57
 2,4-Dinitrotoluene
 Concen: 43.795 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.8	33.2	49.8
89	79.6	57.3	85.9
182	2.5	2.1	3.1



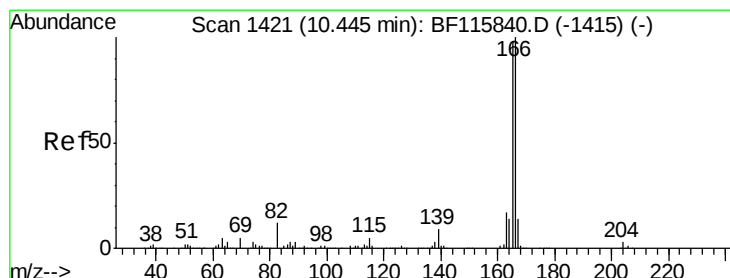
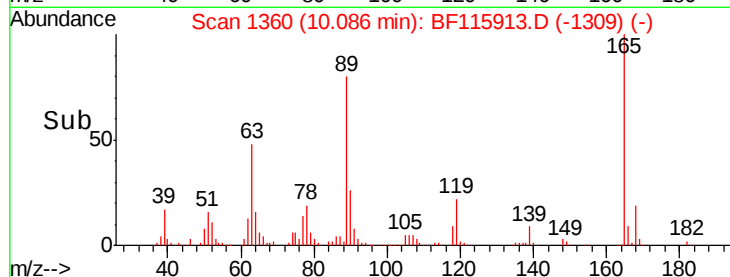
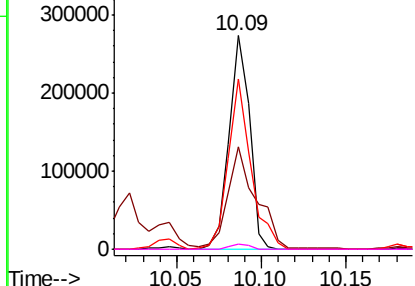
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

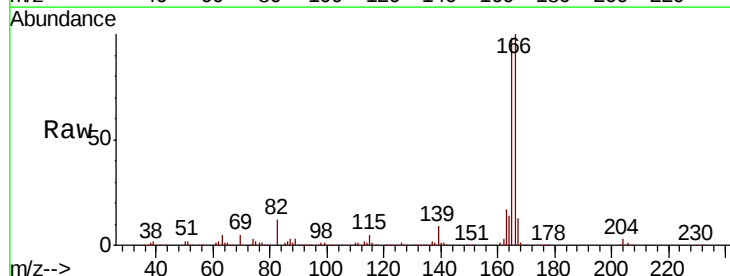
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.767 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	118.0
167	13.5	10.9	16.3

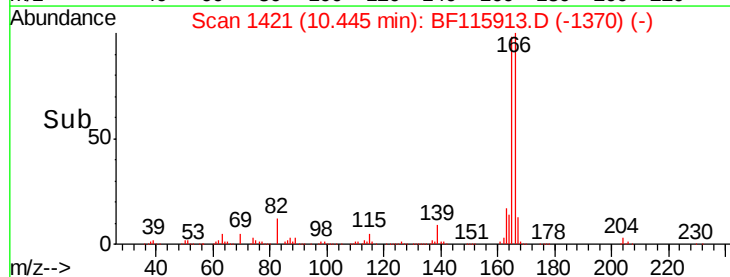
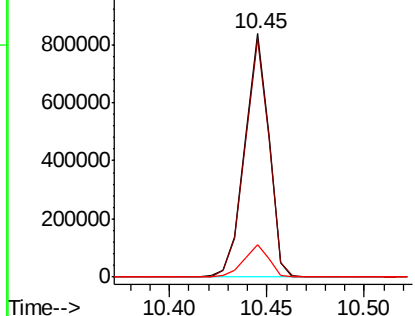


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

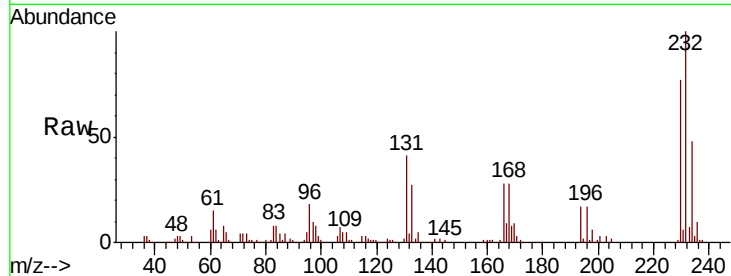




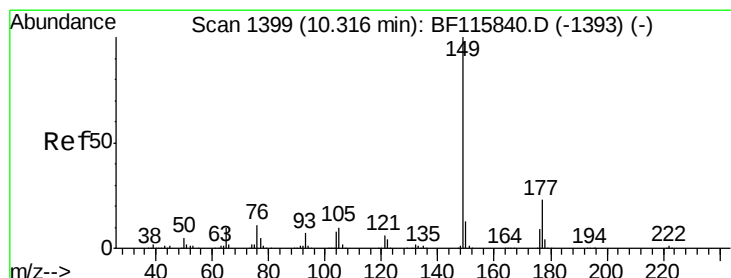
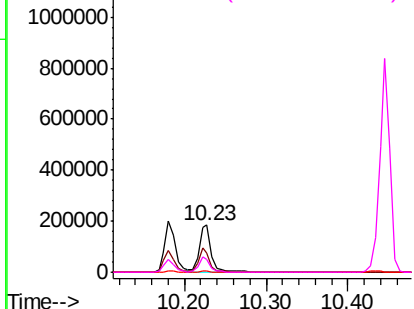
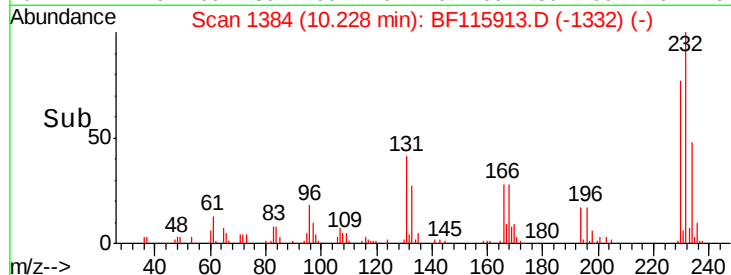
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.736 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion:232 Resp: 191610
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.6 56.4
 130 2.4 1.8 2.8
 166 29.6 24.6 37.0

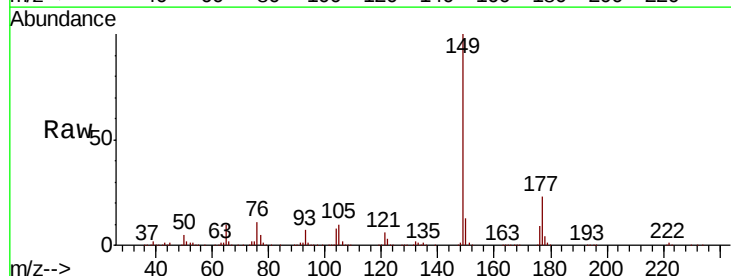


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

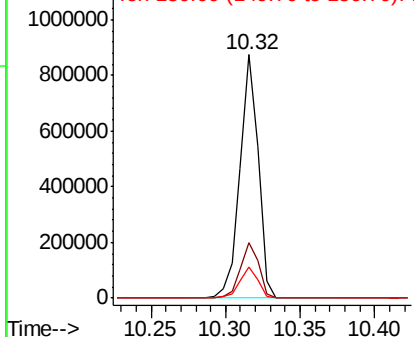
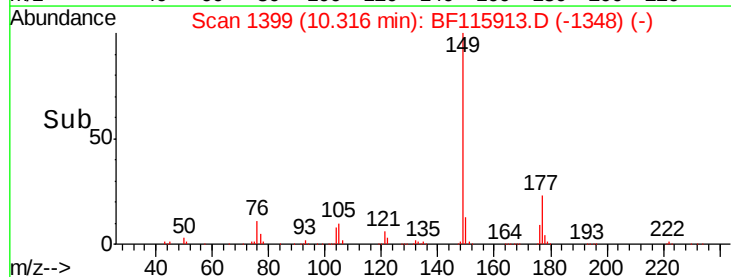


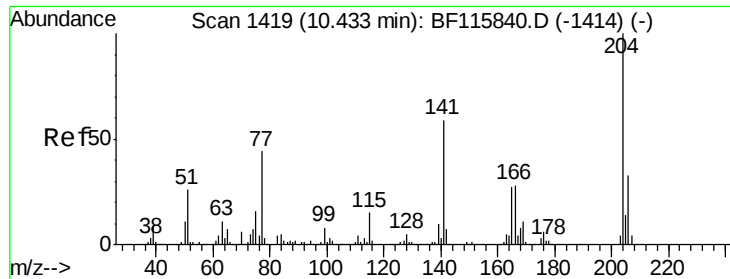
#60
 Diethylphthalate
 Concen: 43.998 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:149 Resp: 748579
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.4 27.6
 150 13.0 10.1 15.1



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

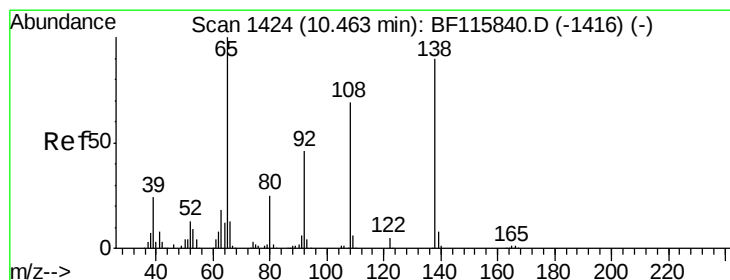
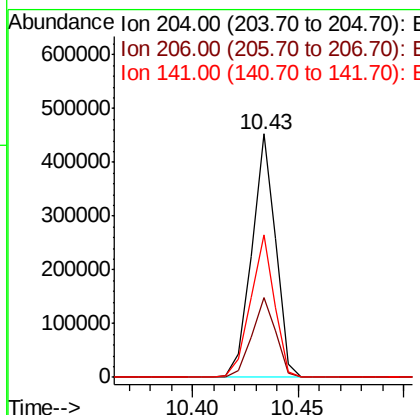
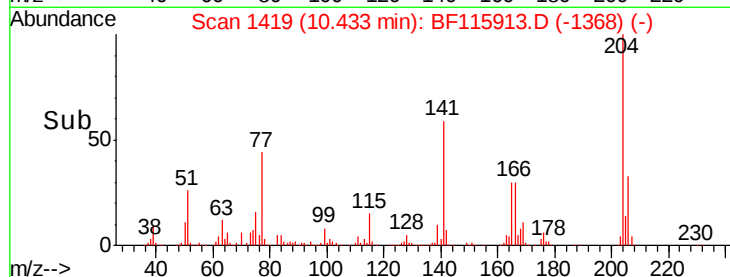
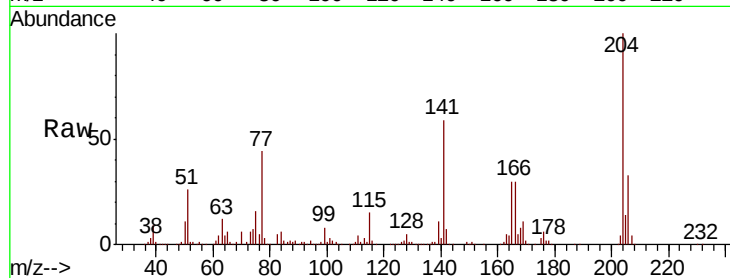




#61
4-Chlorophenyl-phenylether
Concen: 44.676 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

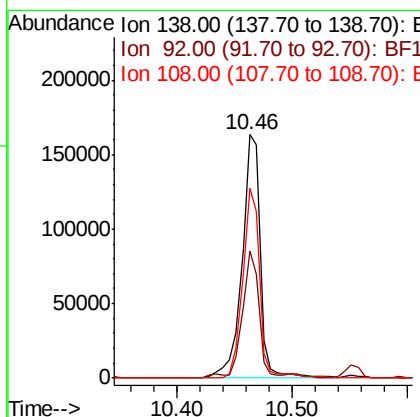
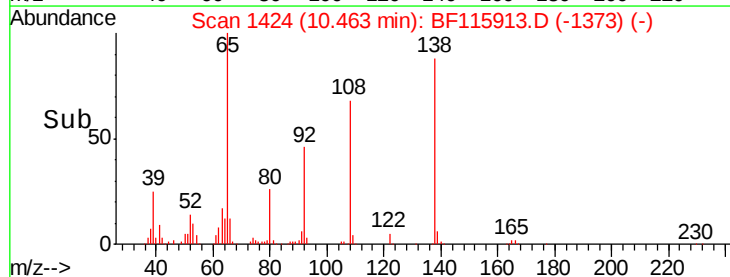
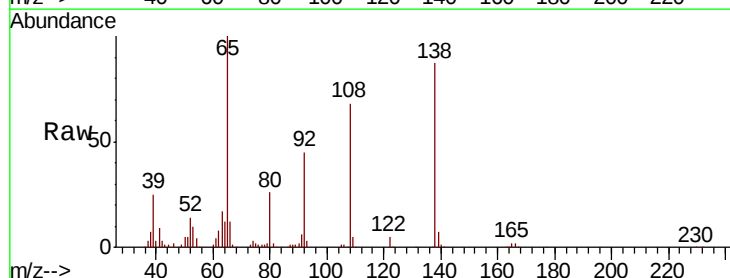
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

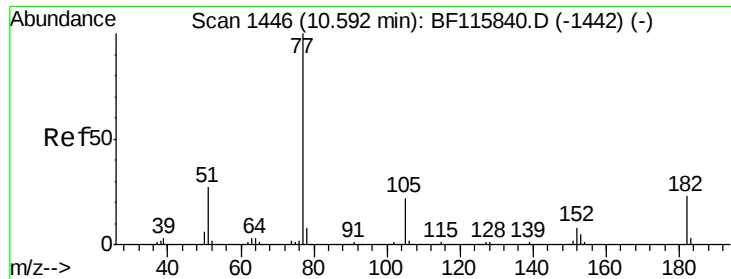
Tgt Ion: 204 Resp: 356337
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 58.6 47.0 70.4



#62
4-Nitroaniline
Concen: 35.657 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion: 138 Resp: 180321
Ion Ratio Lower Upper
138 100
92 52.2 31.0 71.0
108 78.0 56.7 96.7





#63

Azobenzene

Concen: 43.891 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

Tgt Ion: 77 Resp: 768095

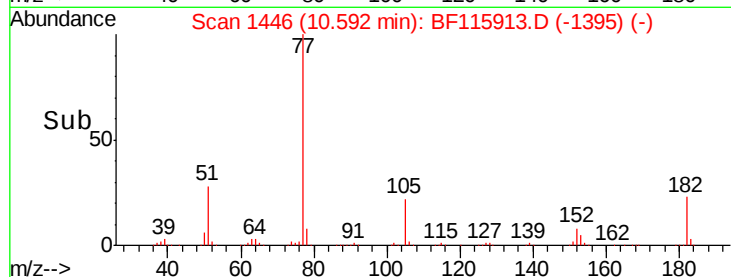
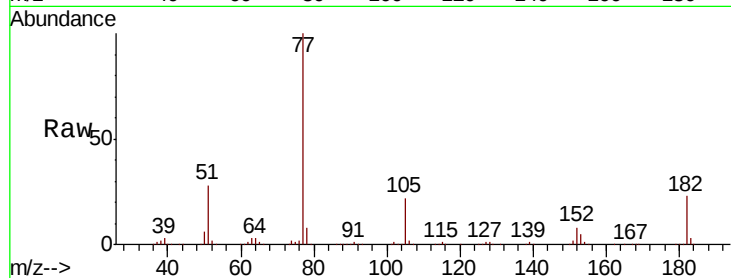
Ion Ratio Lower Upper

77 100

182 22.7 2.6 42.6

105 21.7 1.6 41.6

51 27.8 7.4 47.4



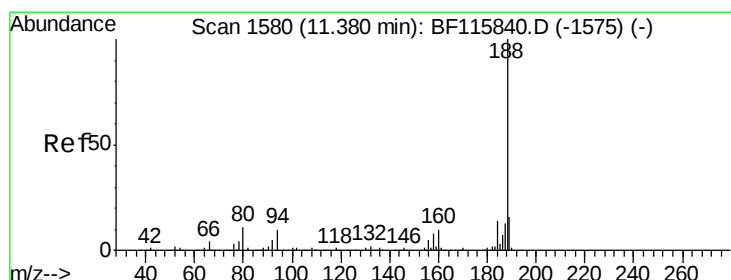
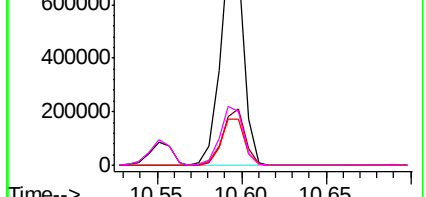
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

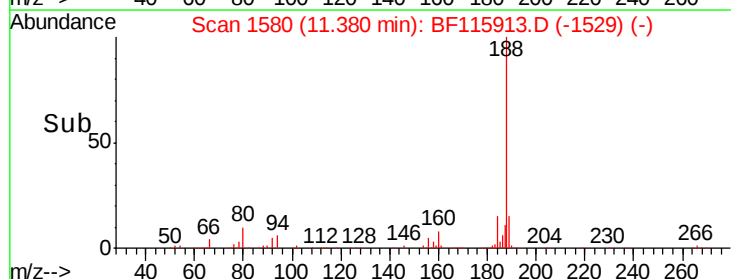
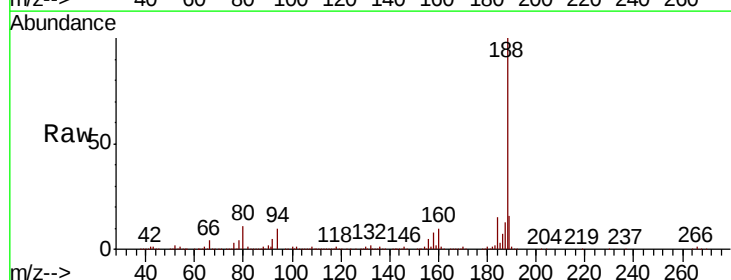
Tgt Ion: 188 Resp: 424749

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 10.8 8.6 12.8

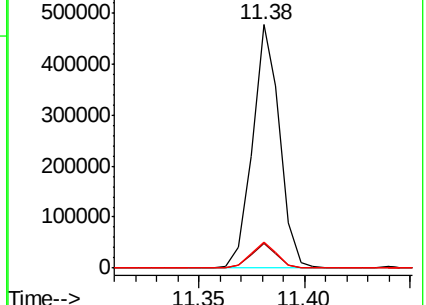


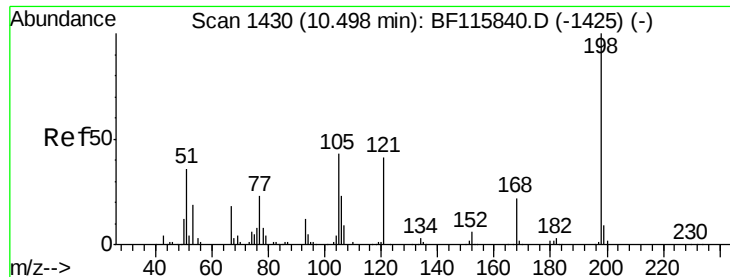
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

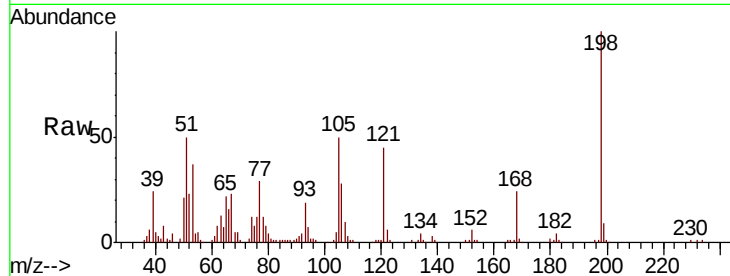




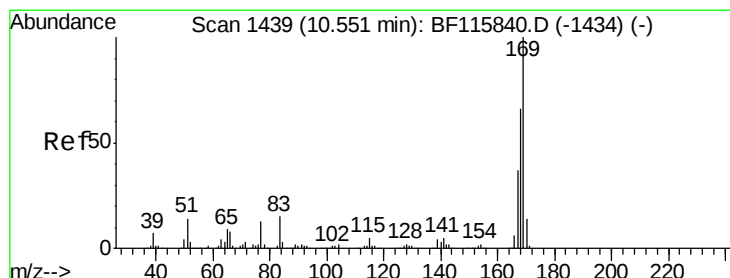
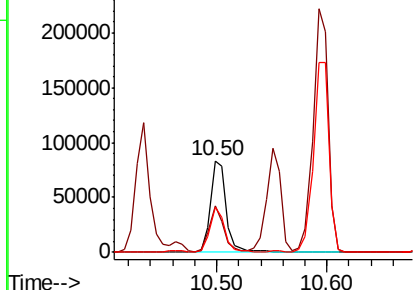
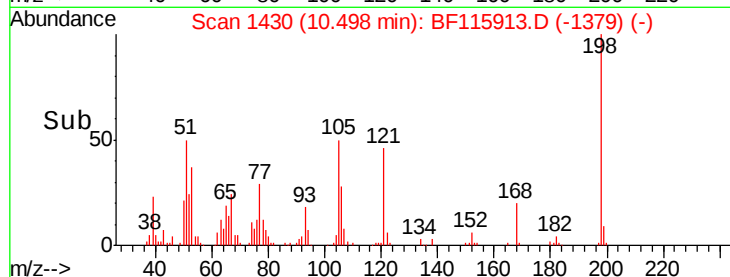
#65
4,6-Dinitro-2-methylphenol
Concen: 36.078 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:198 Resp: 81208
Ion Ratio Lower Upper
198 100
51 50.0 21.1 61.1
105 49.6 24.5 64.5

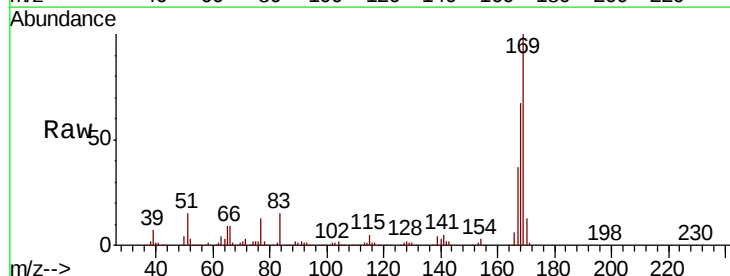


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

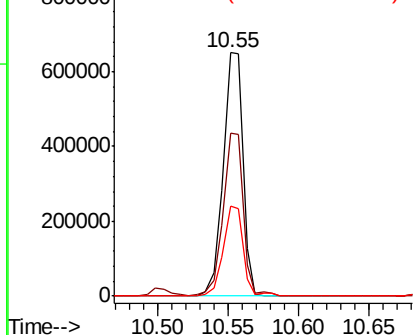
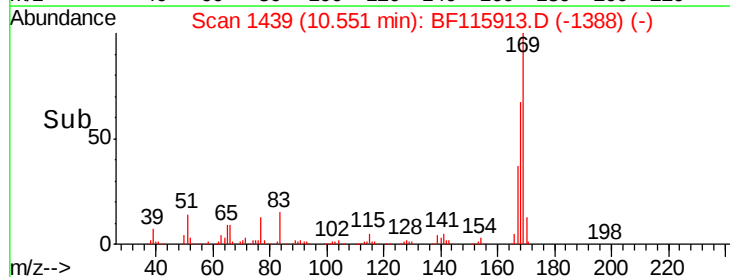


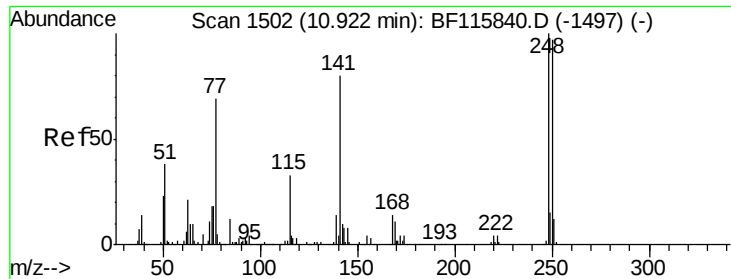
#66
n-Nitrosodiphenylamine
Concen: 49.615 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:169 Resp: 634308
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 37.2 29.9 44.9



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

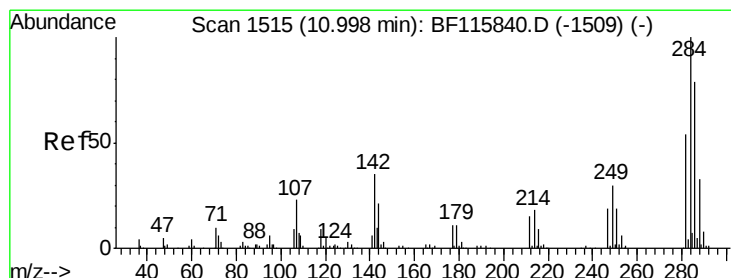
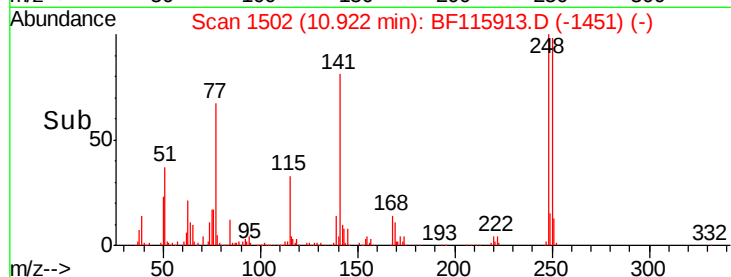
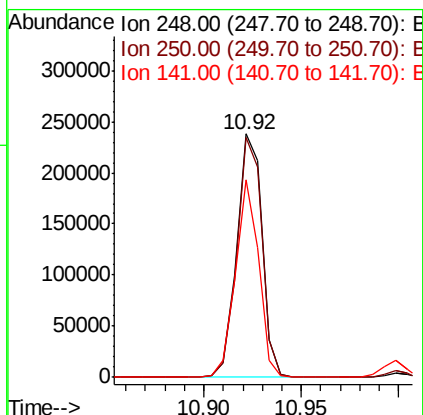
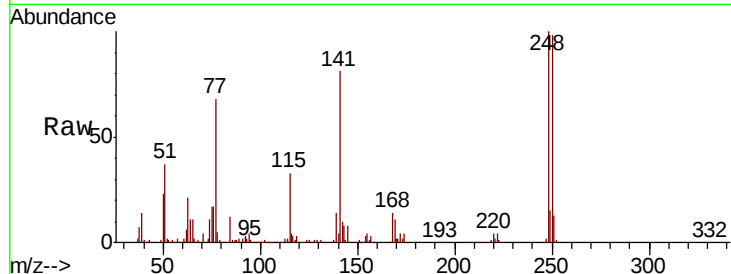




#67
4-Bromophenyl-phenylether
Concen: 47.056 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

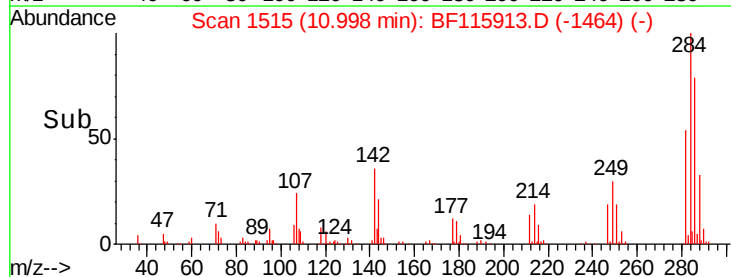
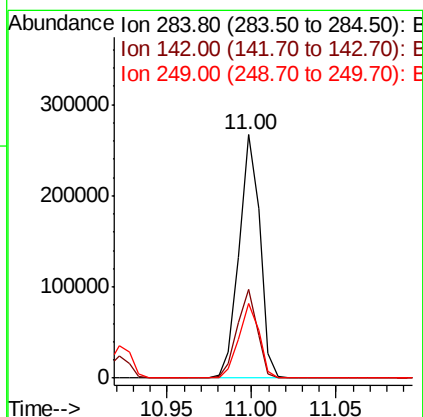
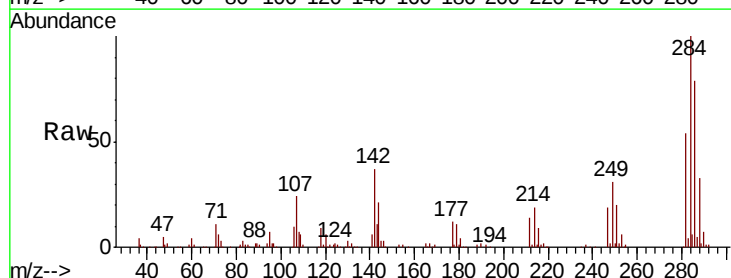
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

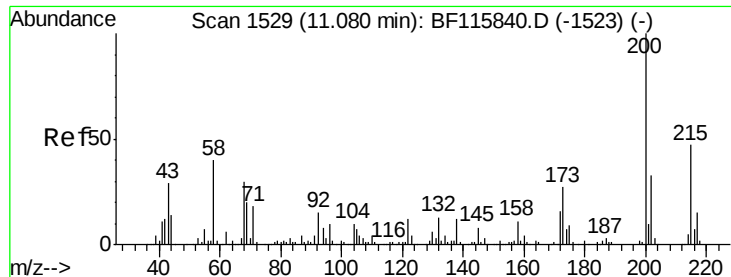
Tgt Ion:248 Resp: 213961
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 81.0 64.3 96.5



#68
Hexachlorobenzene
Concen: 43.589 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:284 Resp: 229180
Ion Ratio Lower Upper
284 100
142 36.7 28.2 42.2
249 30.6 24.0 36.0

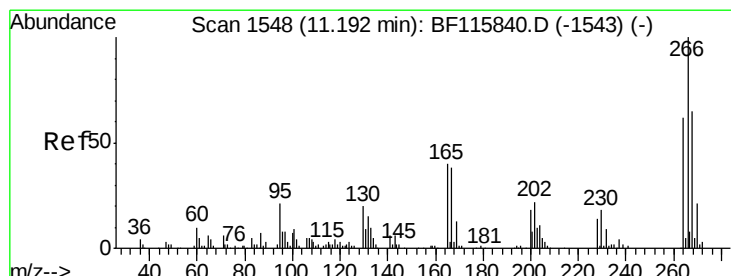
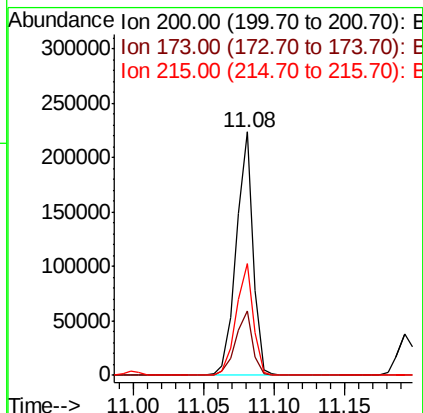
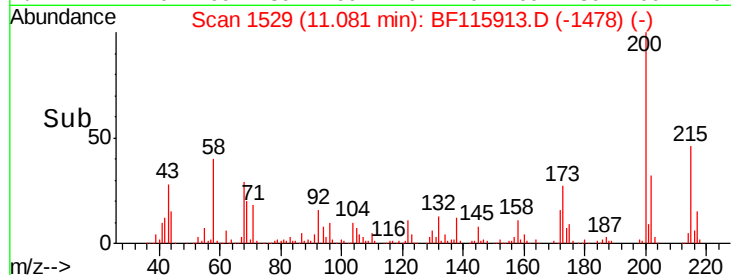
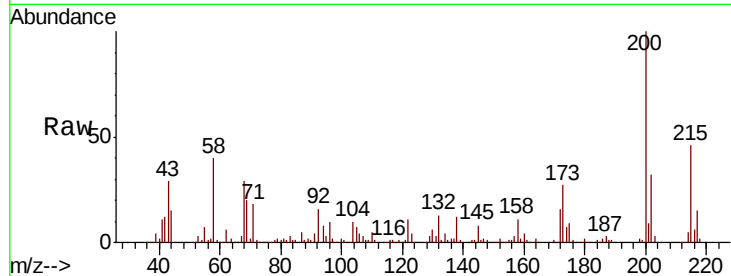




#69
 Atrazine
 Concen: 43.955 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

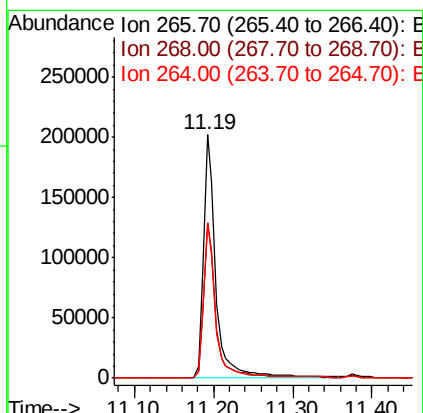
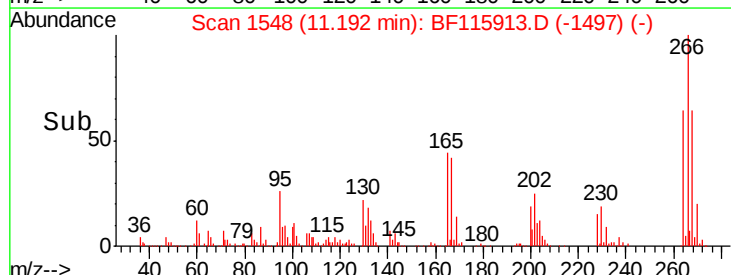
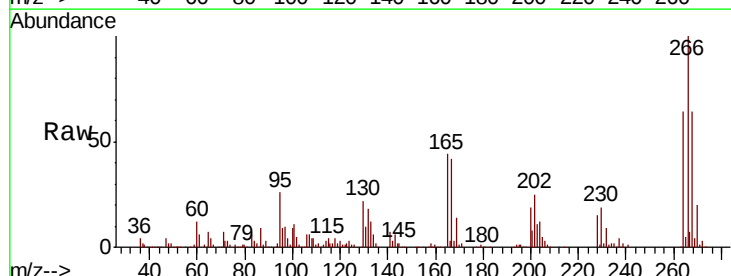
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

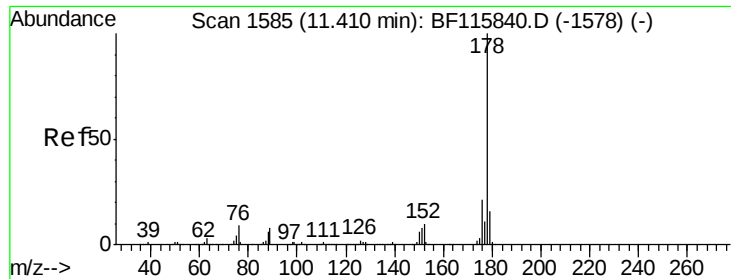
Tgt Ion:200 Resp: 184869
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.3 47.3
 215 46.1 26.9 66.9



#70
 Pentachlorophenol
 Concen: 89.158 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:266 Resp: 227590
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.6 77.4
 264 63.7 49.4 74.0





#71

Phenanthrene

Concen: 45.653 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

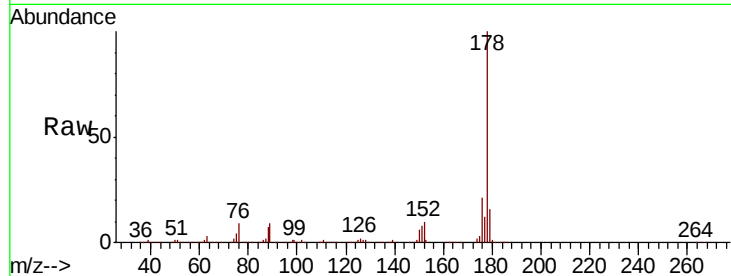
Tgt Ion:178 Resp: 991307

Ion Ratio Lower Upper

178 100

176 20.8 16.5 24.7

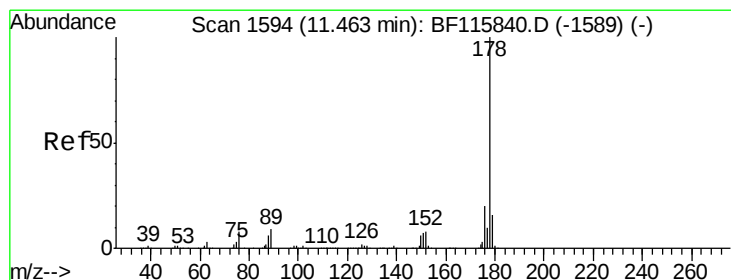
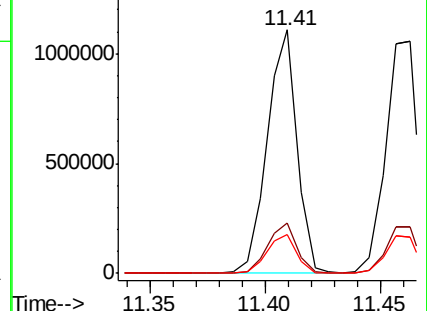
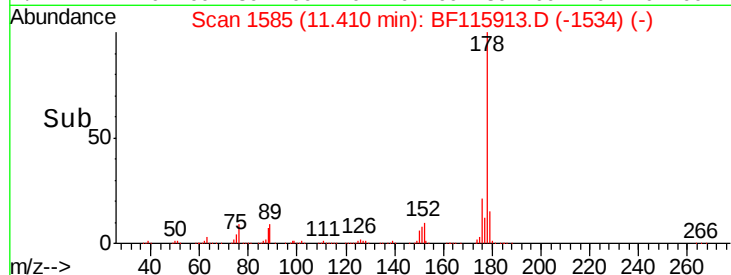
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.273 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

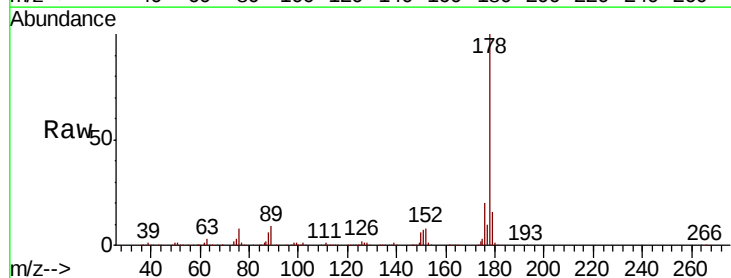
Tgt Ion:178 Resp: 1016878

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

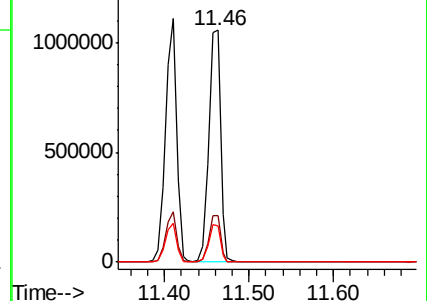
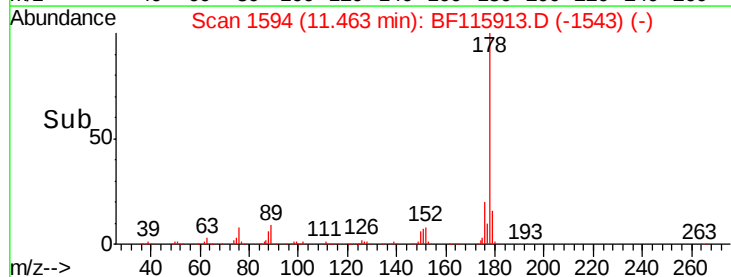
179 15.6 12.4 18.6

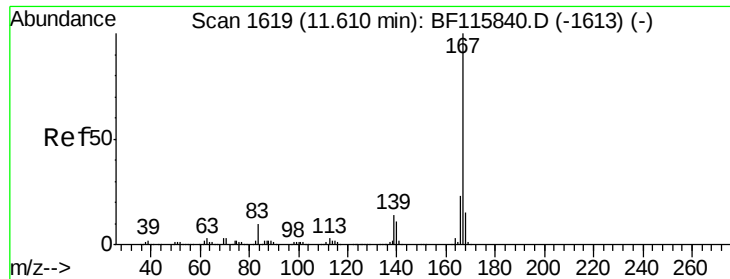


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

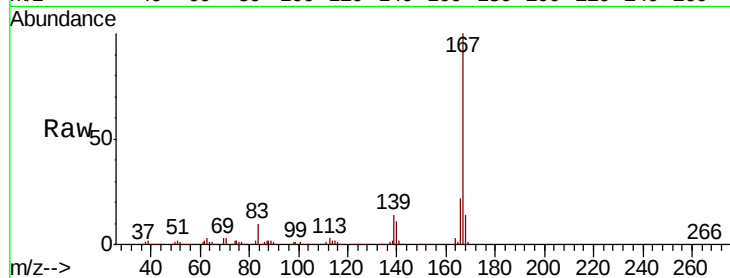




#73
 Carbazole
 Concen: 44.329 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion	Resp	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.7	11.4	17.2

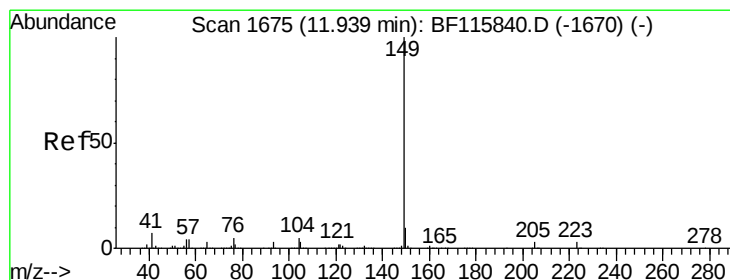
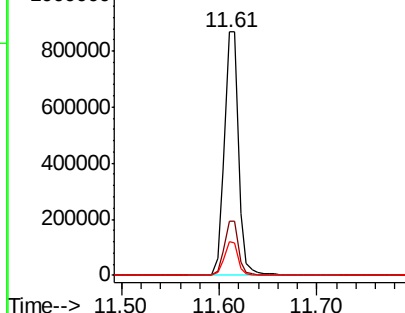
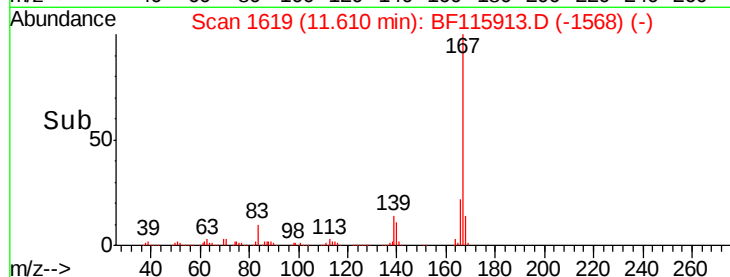


Abundance

Ion 167.00 (166.70 to 167.70): E

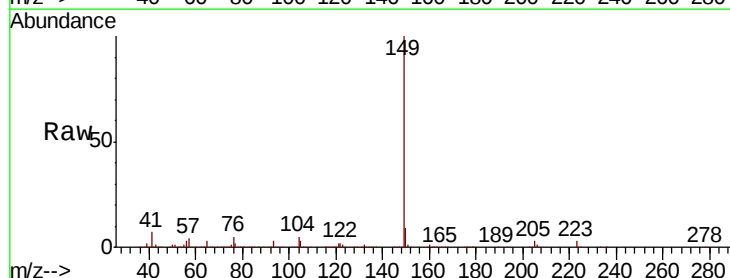
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 46.337 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion	Resp	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.3	6.5

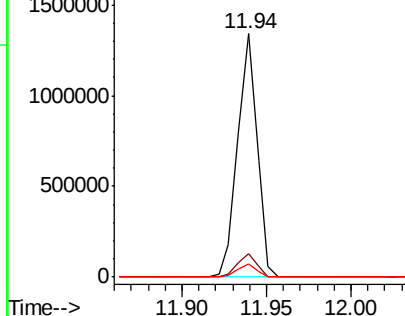
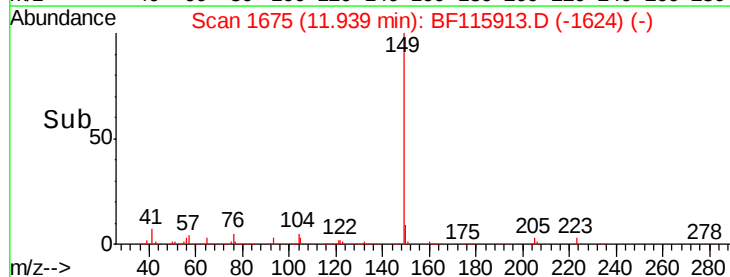


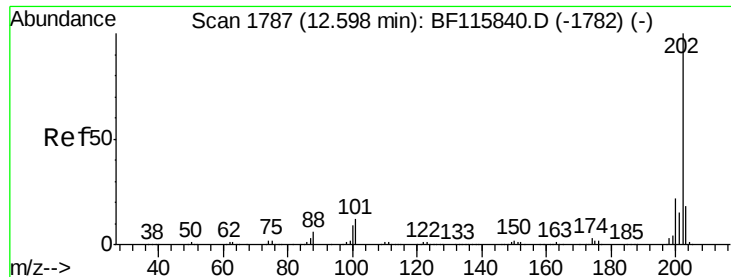
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

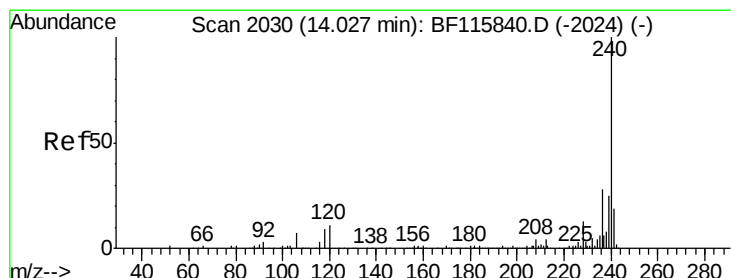
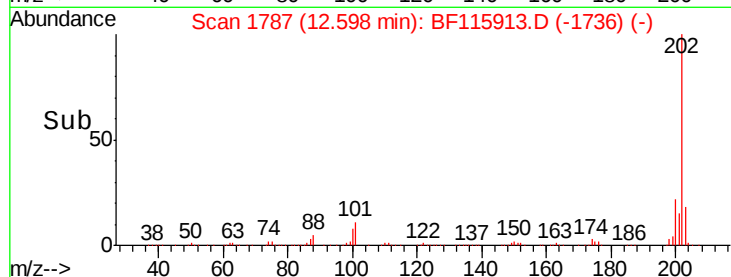
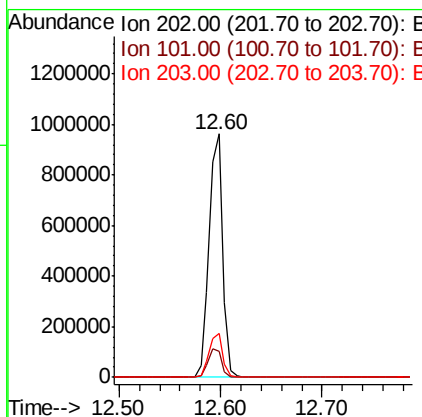
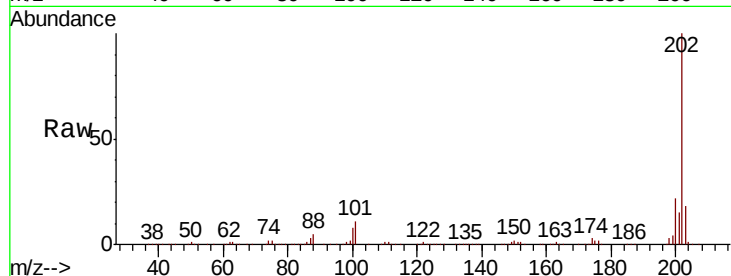




#75
 Fluoranthene
 Concen: 39.609 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

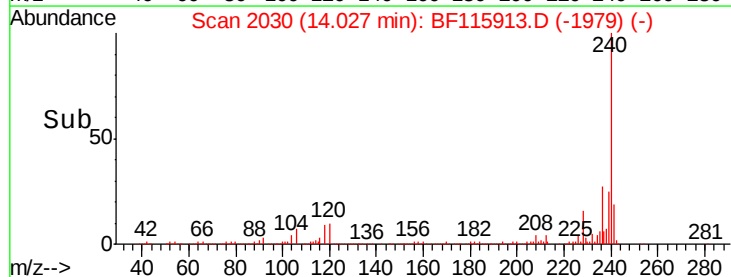
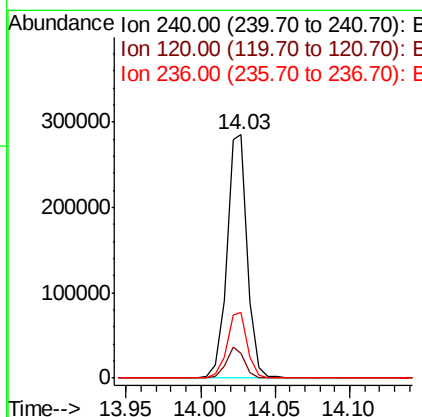
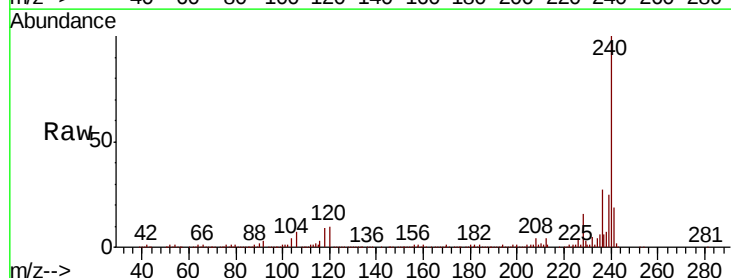
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.9	0.0	37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.5	12.7
236	27.0	22.2	33.2





#77

Benzidine

Concen: 4.933 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

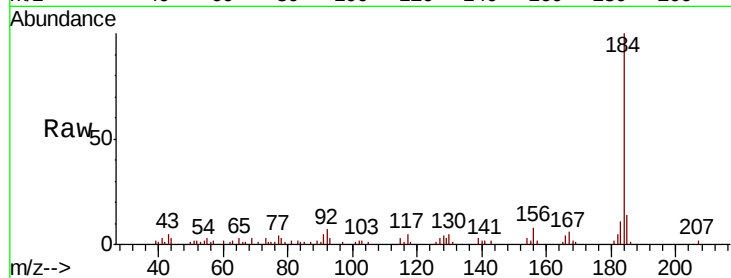
Tgt Ion:184 Resp: 45842

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

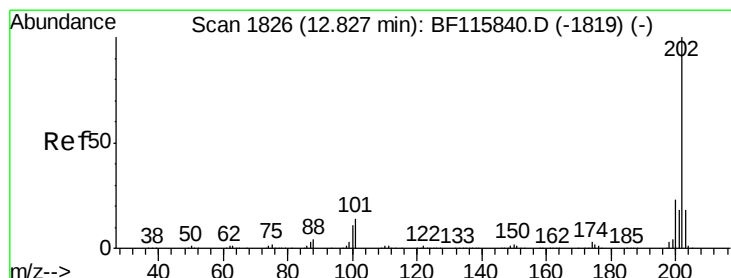
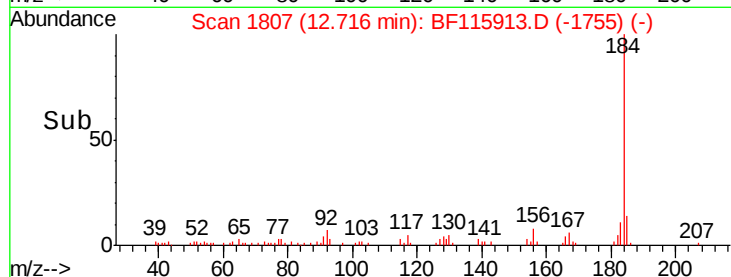
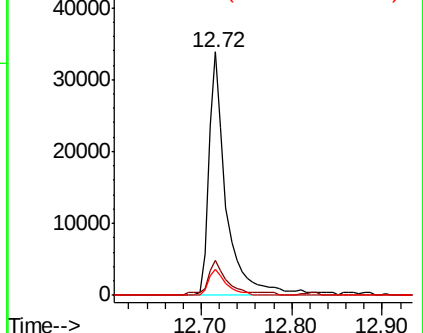
183 10.7 9.1 13.7



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: 42.578 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

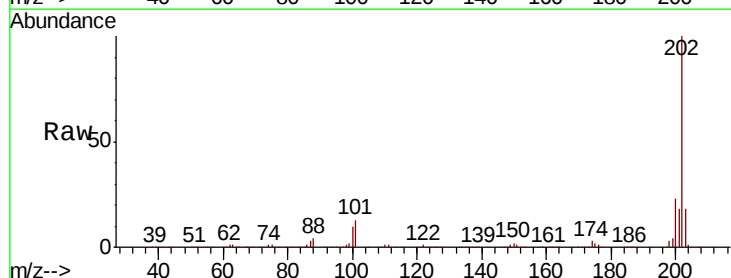
Tgt Ion:202 Resp: 882906

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

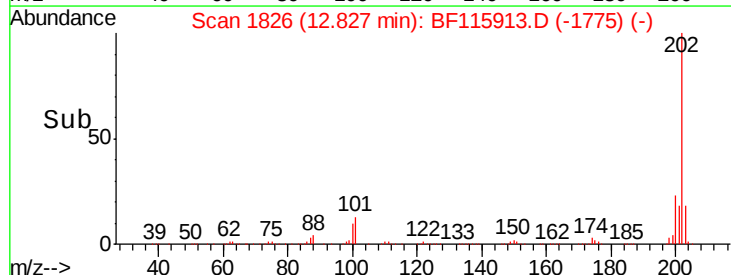
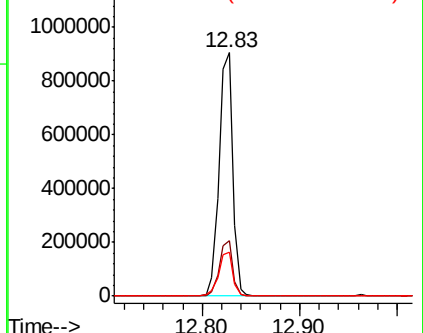
203 17.9 14.3 21.5



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

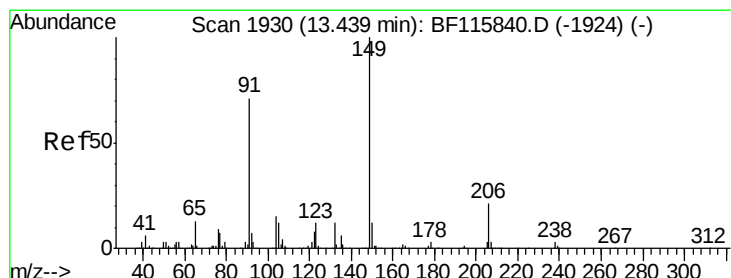
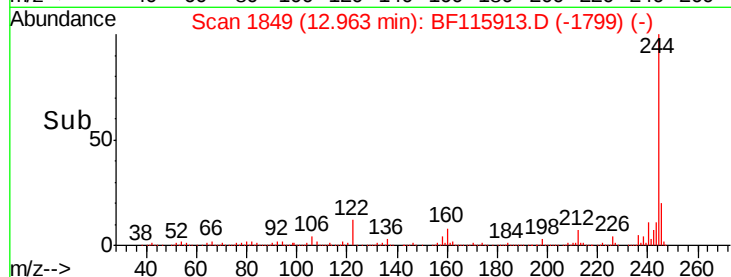
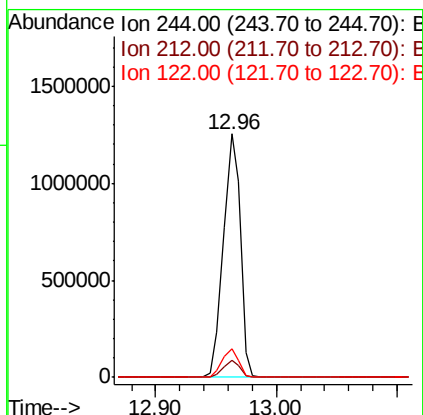
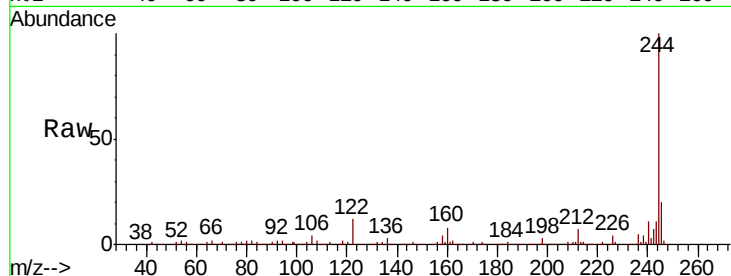




#79
 Terphenyl-d14
 Concen: 93.464 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

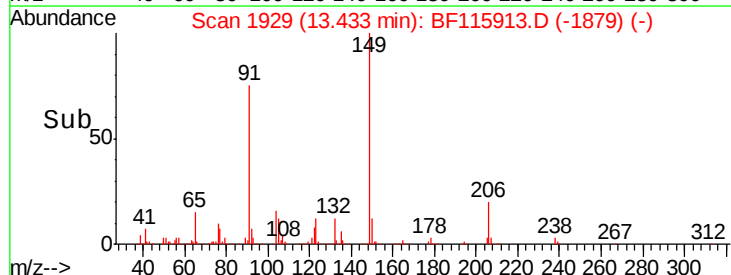
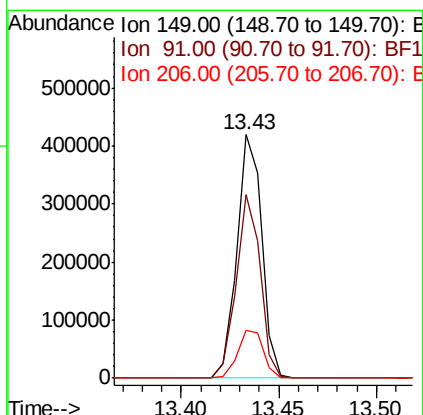
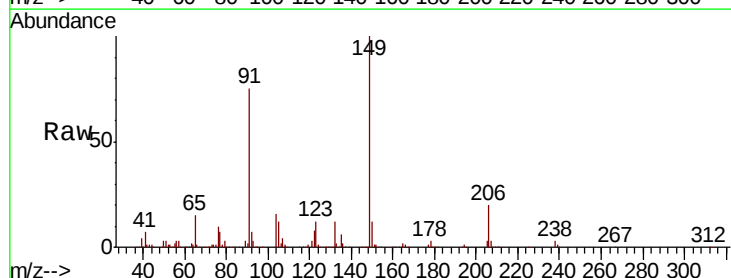
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

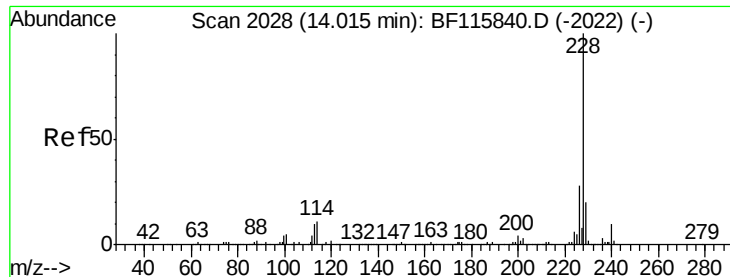
Tgt Ion:244 Resp: 1220151
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 42.236 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion:149 Resp: 370477
 Ion Ratio Lower Upper
 149 100
 91 75.4 57.0 85.6
 206 19.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.461 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

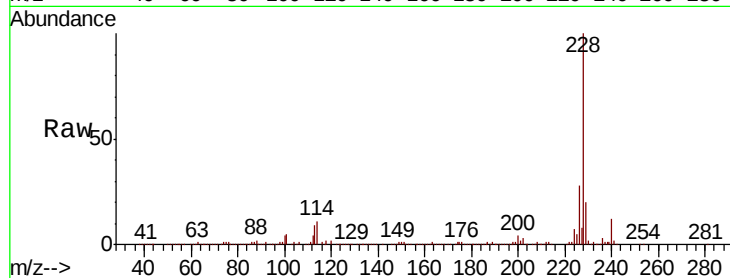
Tgt Ion:228 Resp: 764157

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

229 19.9 16.1 24.1

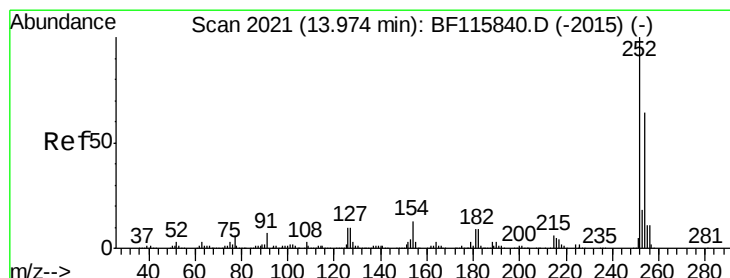
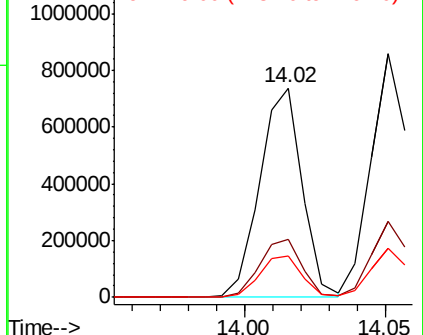
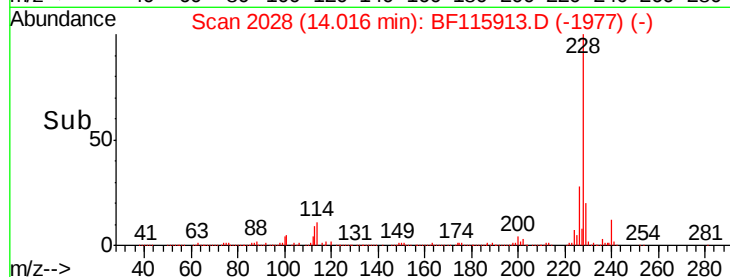


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 28.716 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

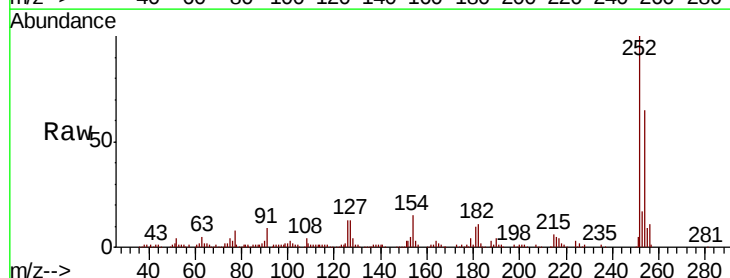
Tgt Ion:252 Resp: 175412

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

126 12.9 8.1 12.1#

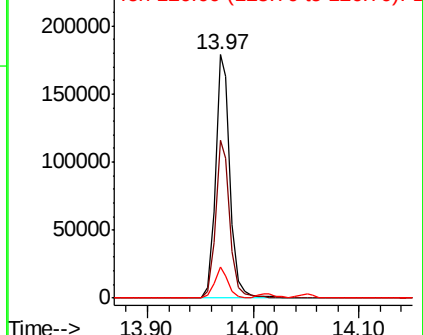
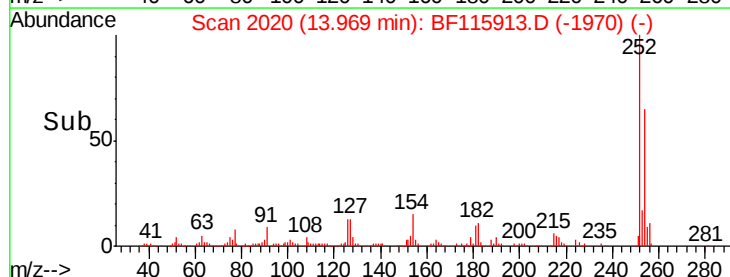


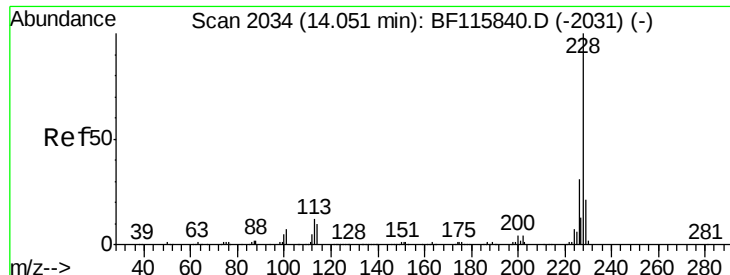
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

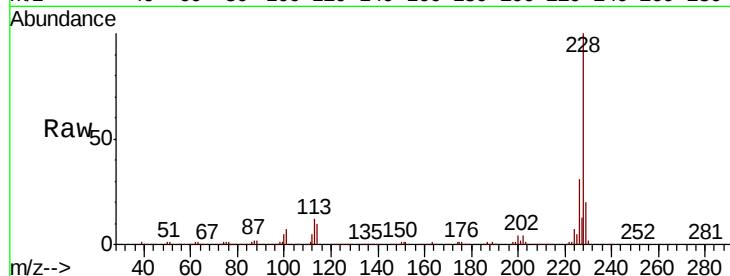




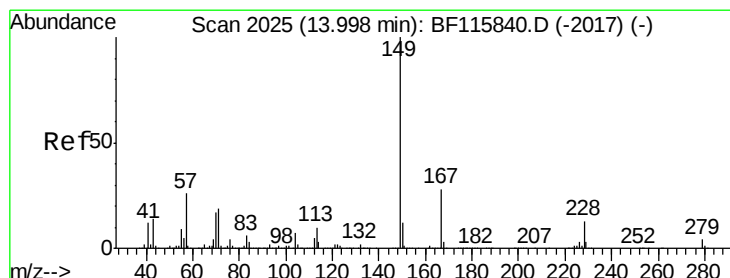
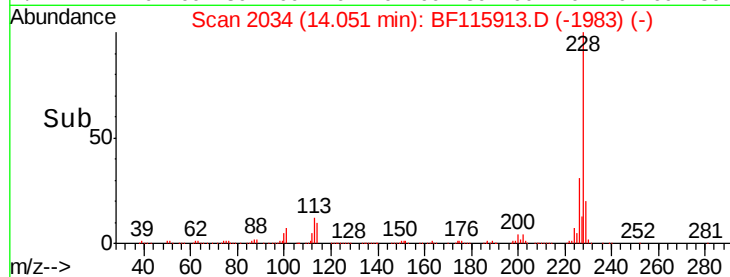
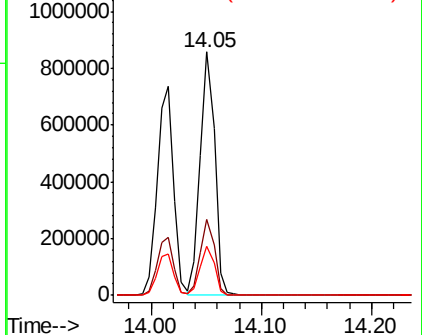
#83
 Chrysene
 Concen: 44.589 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019MS

Tgt Ion: 228 Resp: 761135
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.8 37.2
 229 20.3 16.4 24.6

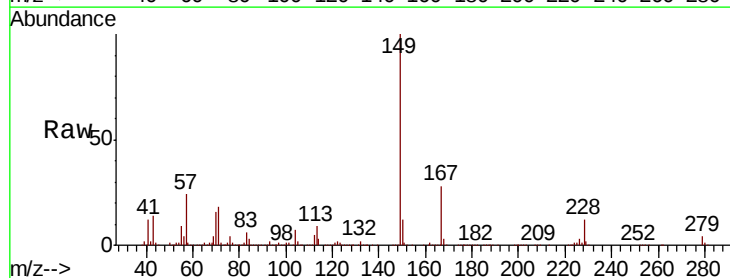


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

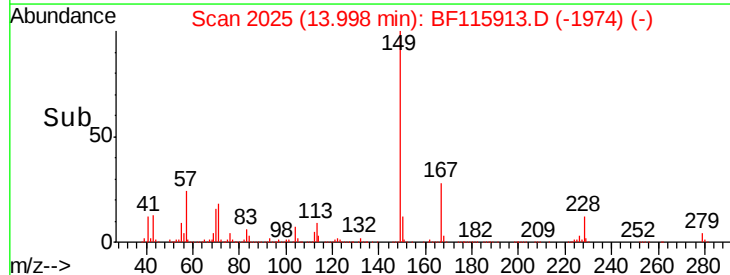
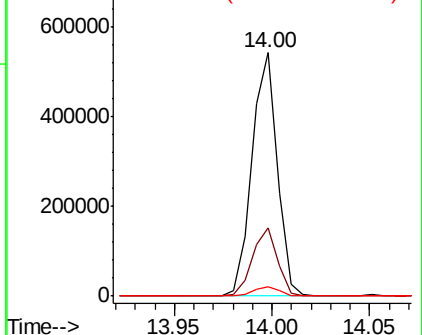


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.637 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115913.D
 Acq: 1 Aug 2019 18:22

Tgt Ion: 149 Resp: 486008
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.4 33.6
 279 4.1 3.3 4.9



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

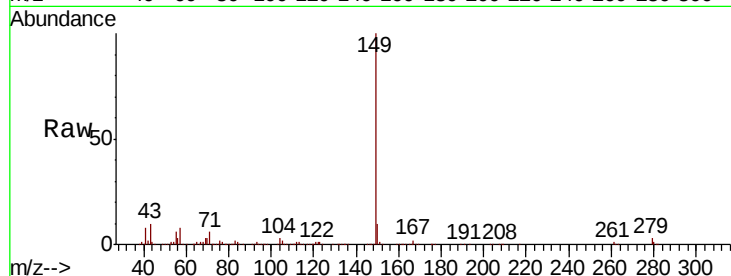




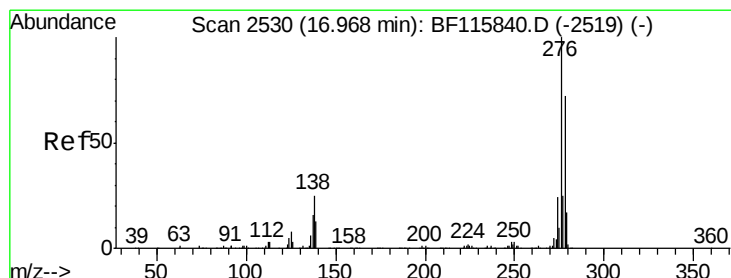
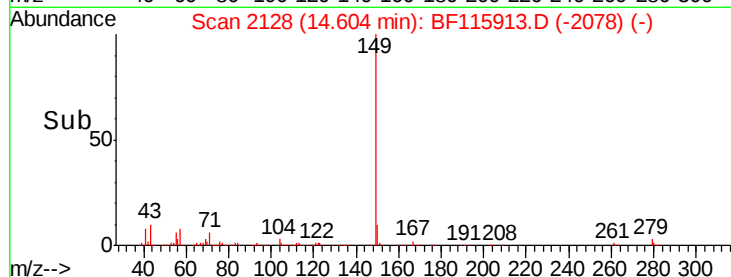
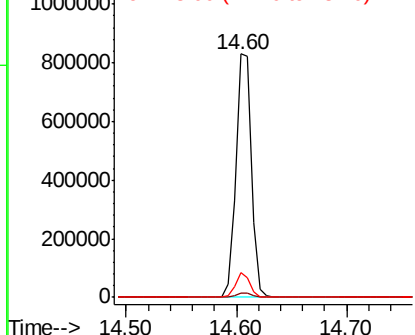
#85
Di-n-octyl phthalate
Concen: 45.394 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:149 Resp: 821868
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 7.4 11.0

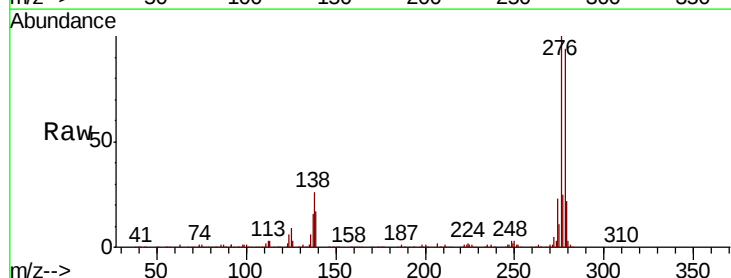


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

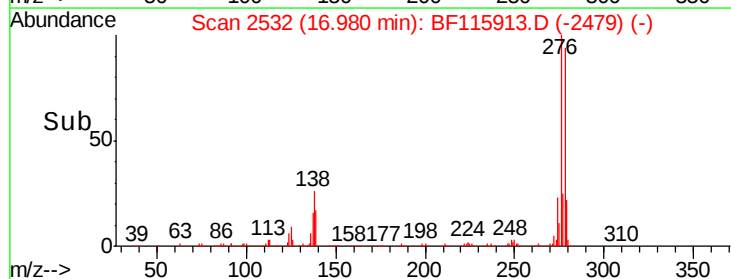
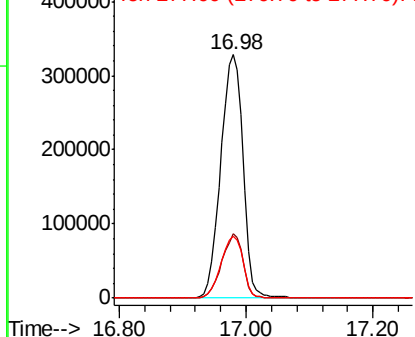


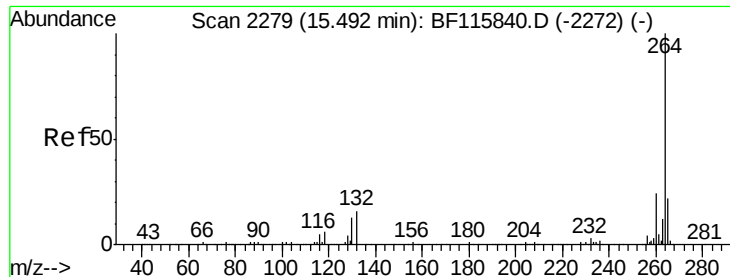
#86
Indeno(1,2,3-cd)pyrene
Concen: 55.928 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:276 Resp: 801835
Ion Ratio Lower Upper
276 100
138 25.2 19.6 29.4
277 25.2 20.1 30.1



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



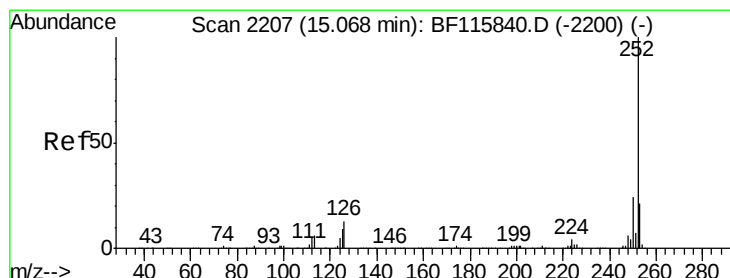
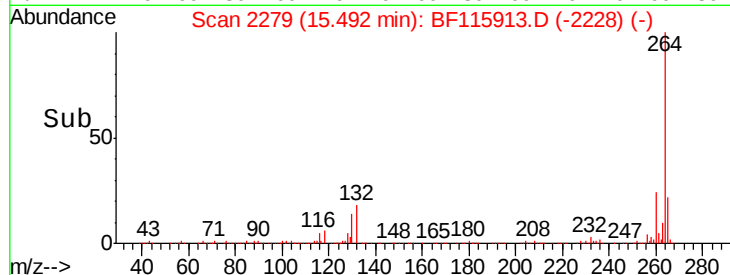
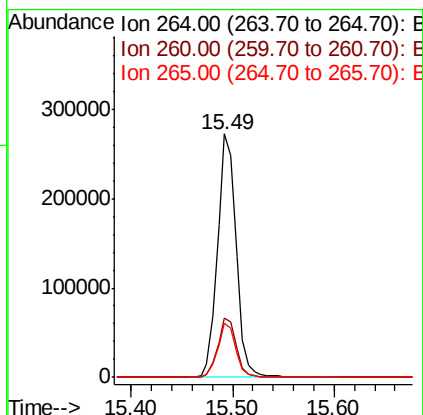
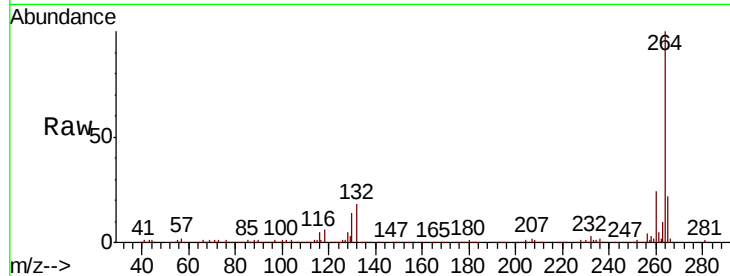


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion: 264 Resp: 347431

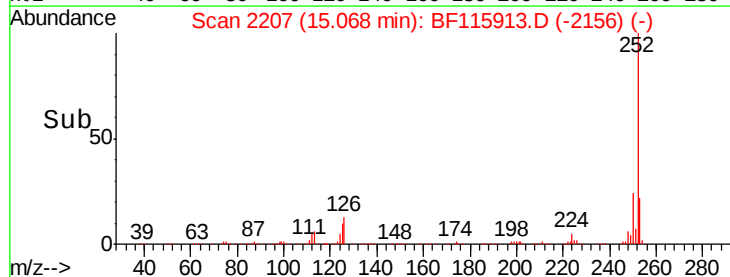
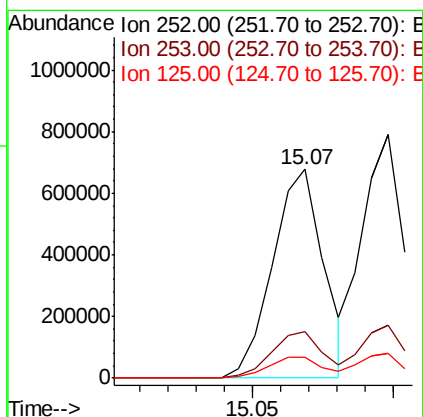
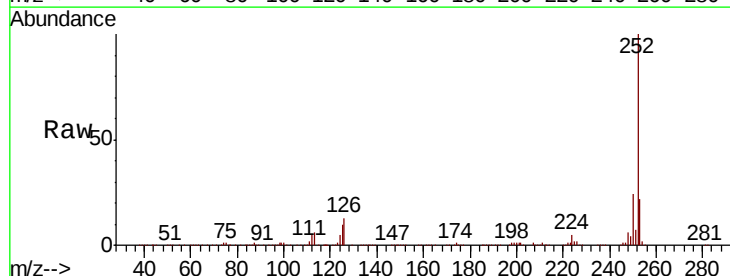
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.3	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 42.150 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion: 252 Resp: 846743

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.8	7.4	11.0

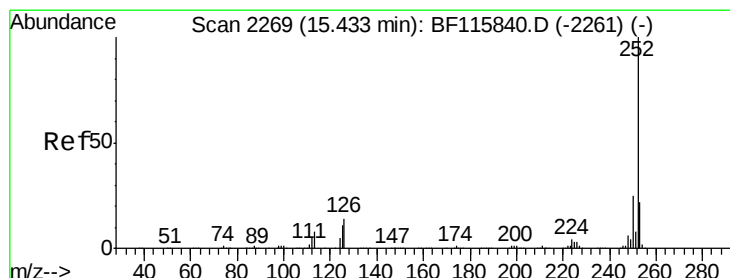
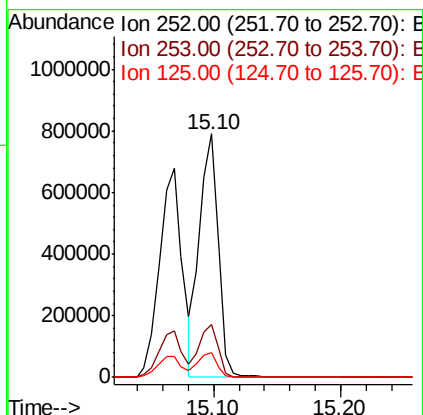
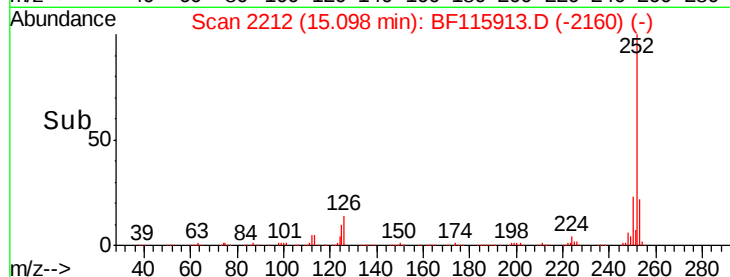
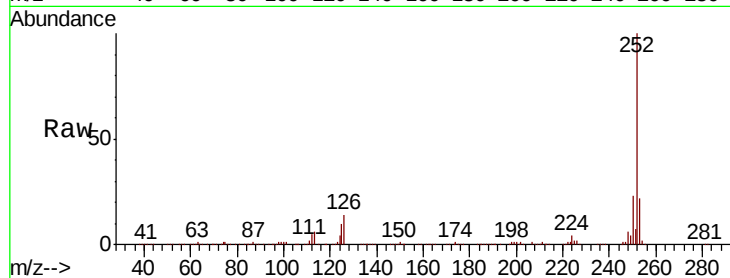




#89
Benzo(k)fluoranthene
Concen: 41.442 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

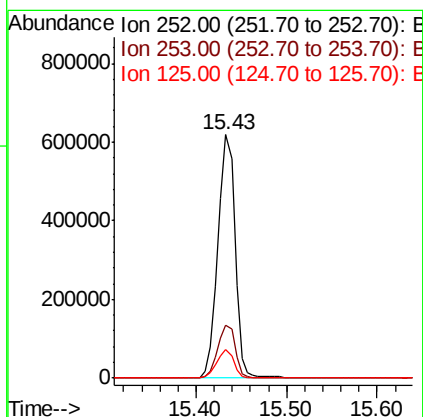
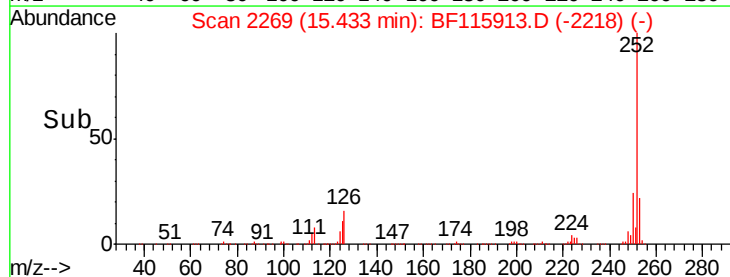
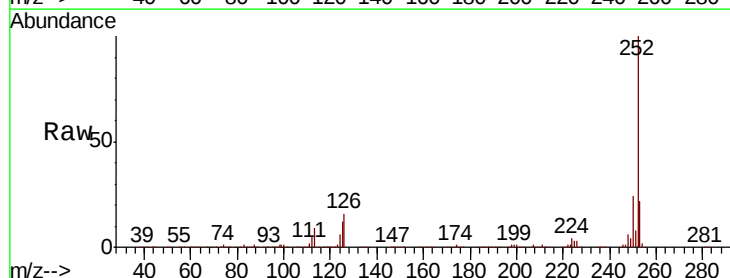
Instrument :
BNA_F
ClientSampleId :
HD-01-073019MS

Tgt Ion:252 Resp: 810883
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 45.202 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF115913.D
Acq: 1 Aug 2019 18:22

Tgt Ion:252 Resp: 811740
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.231 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

Instrument :

BNA_F

ClientSampleId :

HD-01-073019MS

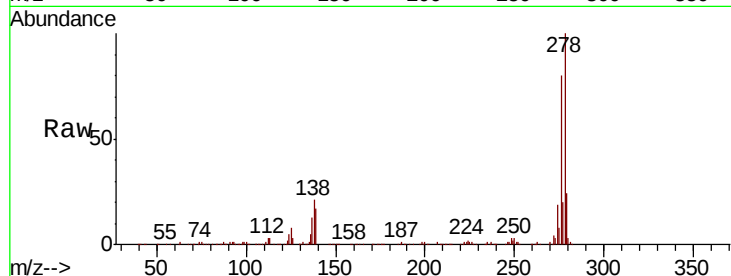
Tgt Ion:278 Resp: 687553

Ion Ratio Lower Upper

278 100

139 17.2 12.6 19.0

279 23.7 18.8 28.2

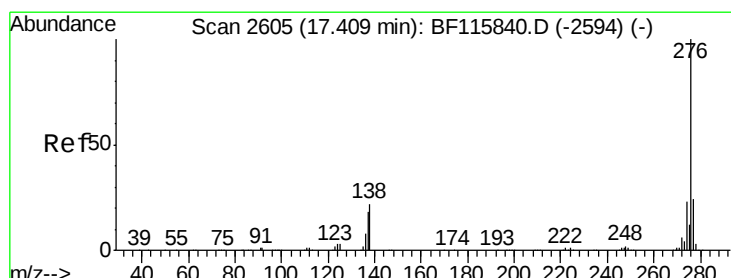
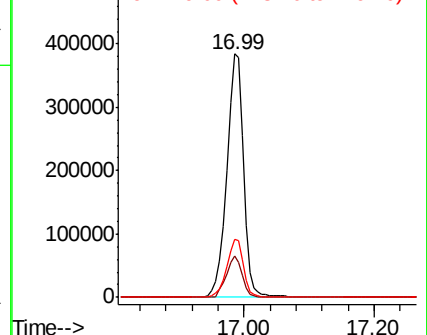
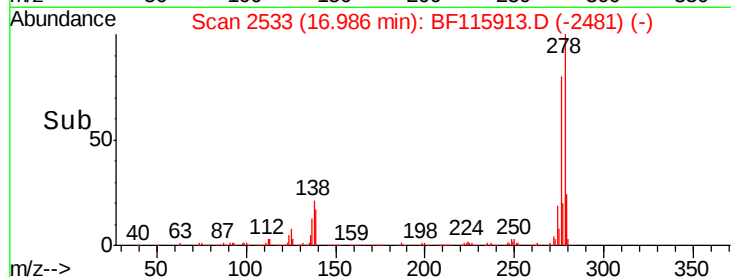


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.636 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF115913.D

Acq: 1 Aug 2019 18:22

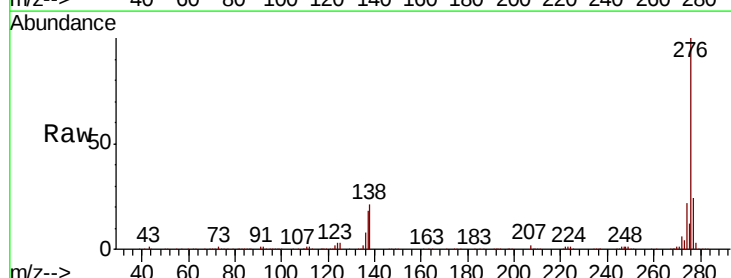
Tgt Ion:276 Resp: 620349

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 21.0 17.8 26.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

