

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116397.D
 Acq On : 19 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4350-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

Quant Time: Aug 20 01:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96835	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	377475	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	210128	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	394941	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	347566	20.00	ng	-0.01
87) Perylene-d12	15.42	264	391879	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	789708	136.52	ng	0.00
7) Phenol-d6	6.46	99	919716	126.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	684411	104.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	311497	152.90	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1199786	106.95	ng	-0.01
79) Terphenyl-d14	12.90	244	1599301	96.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	113176	38.729	ng	# 85
3) Pyridine	3.42	79	177769	21.777	ng	99
4) n-Nitrosodimethylamine	3.30	42	134926	41.884	ng	99
6) Aniline	6.48	93	239632	22.928	ng	# 76
8) 2-Chlorophenol	6.60	128	323315	50.546	ng	98
9) Benzaldehyde	6.37	77	99938	19.846	ng	98
10) Phenol	6.47	94	357694	41.620	ng	85
11) bis(2-Chloroethyl)ether	6.54	93	328725	52.025	ng	97
12) 1,3-Dichlorobenzene	6.75	146	337158	45.609	ng	99
13) 1,4-Dichlorobenzene	6.82	146	347872	46.999	ng	98
14) 1,2-Dichlorobenzene	6.97	146	320115	46.969	ng	100
15) Benzyl Alcohol	6.96	79	271391	49.001	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	404356	46.917	ng	66
17) 2-Methylphenol	7.07	107	265180	48.961	ng	# 90
18) Hexachloroethane	7.31	117	123148	45.190	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	234716	51.900	ng	99
20) 3+4-Methylphenols	7.23	107	348290	54.341	ng	# 82
22) Acetophenone	7.22	105	463022	55.930	ng	# 93
24) Nitrobenzene	7.39	77	369713	52.360	ng	99
25) Isophorone	7.63	82	671958	53.738	ng	99
26) 2-Nitrophenol	7.71	139	177878	53.442	ng	94
27) 2,4-Dimethylphenol	7.75	122	299963	59.901	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	405517	52.322	ng	99
29) 2,4-Dichlorophenol	7.96	162	291525	55.136	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	296338	49.168	ng	99
31) Naphthalene	8.10	128	951310	53.555	ng	99
32) Benzoic acid	7.91	122	152394	43.165	ng	93
33) 4-Chloroaniline	8.16	127	187120	23.576	ng	99
34) Hexachlorobutadiene	8.22	225	166297	47.903	ng	98
35) Caprolactam	8.54	113	29930	17.502	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	307910	55.978	ng	95
37) 2-Methylnaphthalene	8.80	142	643554	55.011	ng	98
38) 1-Methylnaphthalene	8.89	142	605547	54.715	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	292526	52.073	ng	100

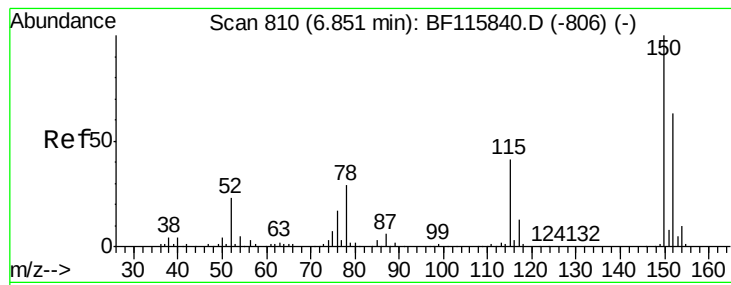
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	102871	43.694	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	192306	49.735	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	201799	50.488	ng	99
46) 1,1'-Biphenyl	9.26	154	800208	53.941	ng	99
47) 2-Chloronaphthalene	9.29	162	630530	51.067	ng	98
48) 2-Nitroaniline	9.39	65	212722	52.123	ng	99
49) Acenaphthylene	9.70	152	964729	53.557	ng	98
50) Dimethylphthalate	9.56	163	791798	55.342	ng	100
51) 2,6-Dinitrotoluene	9.63	165	171413	55.130	ng #	90
52) Acenaphthene	9.87	154	590120	53.400	ng	100
53) 3-Nitroaniline	9.80	138	143783	37.425	ng	96
54) 2,4-Dinitrophenol	9.93	184	144136	90.056	ng	96
55) Dibenzofuran	10.05	168	842412	52.419	ng	100
56) 4-Nitrophenol	9.99	139	196939	80.021	ng	96
57) 2,4-Dinitrotoluene	10.04	165	219970	53.137	ng #	86
58) Fluorene	10.39	166	700123	56.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	177163	52.685	ng	99
60) Diethylphthalate	10.26	149	737774	55.232	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	348445	55.644	ng	96
62) 4-Nitroaniline	10.42	138	196622	49.523	ng	99
63) Azobenzene	10.53	77	769482	56.006	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	115870	55.363	ng	85
66) n-Nitrosodiphenylamine	10.50	169	635577	53.467	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	215908	51.068	ng	98
68) Hexachlorobenzene	10.94	284	240505	49.195	ng	100
69) Atrazine	11.02	200	204246	52.227	ng	99
70) Pentachlorophenol	11.14	266	203783	85.857	ng	98
71) Phenanthrene	11.35	178	1072462	53.118	ng	100
72) Anthracene	11.40	178	1128518	55.229	ng	99
73) Carbazole	11.56	167	1053732	56.841	ng	99
74) Di-n-butylphthalate	11.87	149	1246408	57.636	ng	99
75) Fluoranthene	12.54	202	1217242	57.588	ng	98
77) Benzidine	12.66	184	60904	5.187	ng	98
78) Pyrene	12.77	202	1246111	47.561	ng	99
80) Butylbenzylphthalate	13.37	149	595343	53.718	ng	96
81) Benzo(a)anthracene	13.96	228	1171324	52.726	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	379458	49.166	ng	99
83) Chrysene	14.00	228	1153403	53.479	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	835036	57.981	ng	98
85) Di-n-octyl phthalate	14.53	149	1428436	62.444	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1137890	62.817	ng	99
88) Benzo(b)fluoranthene	15.00	252	1181603	52.147	ng	99
89) Benzo(k)fluoranthene	15.00	252	1181603	53.539	ng	99
90) Benzo(a)pyrene	15.36	252	1096133	54.116	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	956850	54.574	ng	99
92) Benzo(g,h,i)perylene	17.32	276	946710	54.980	ng	97

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

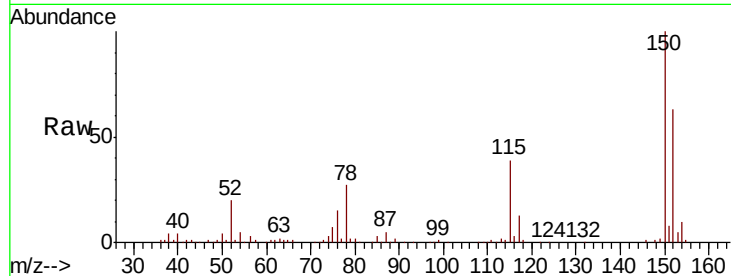


#1

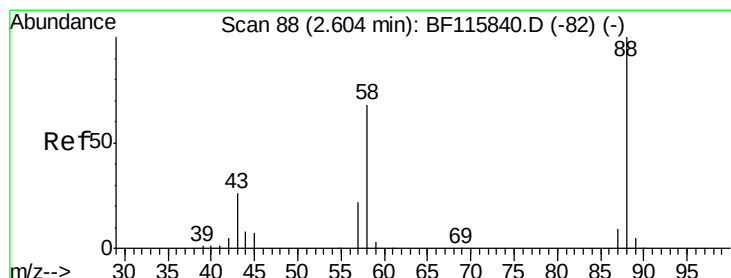
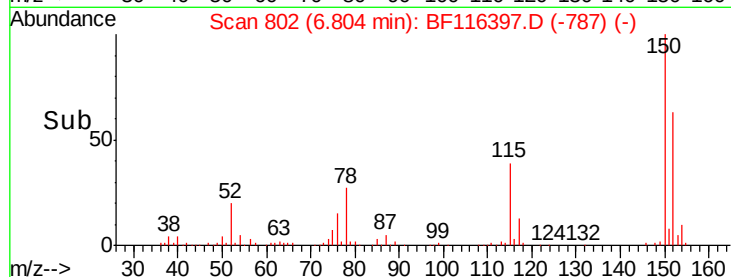
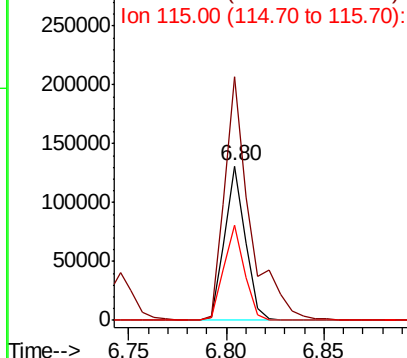
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion: 152 Resp: 96835
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 61.4 49.9 74.9



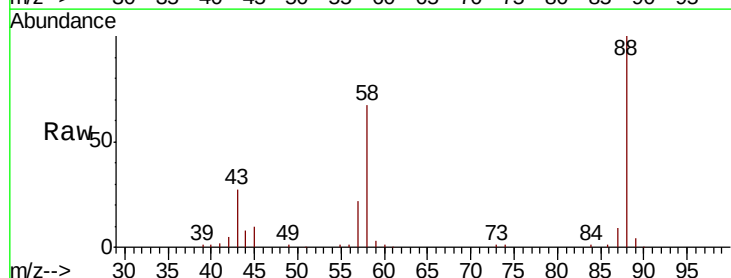
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



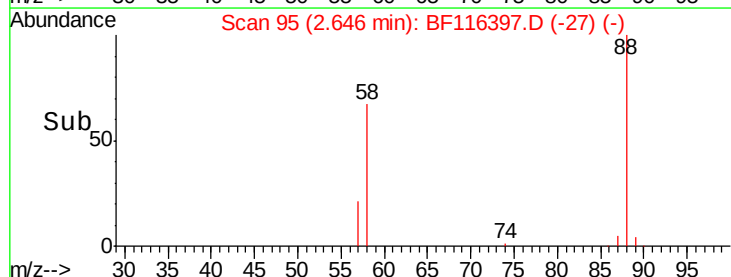
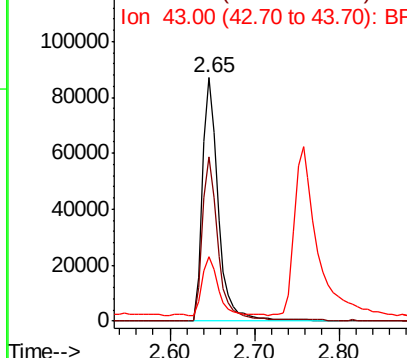
#2

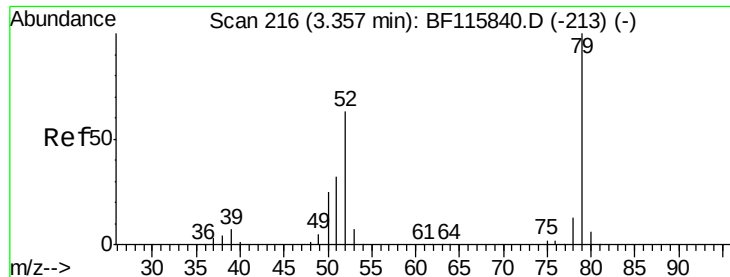
1,4-Dioxane
Concen: 38.729 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.10 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion: 88 Resp: 113176
Ion Ratio Lower Upper
88 100
58 67.5 53.7 80.5
43 0.0 21.0 31.4#



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





#3

Pyridine

Concen: 21.777 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.12 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

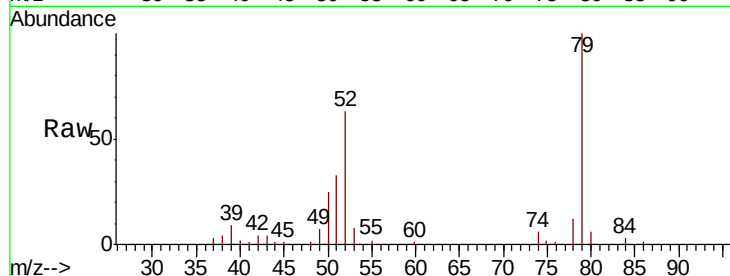
Tgt Ion: 79 Resp: 177769

Ion Ratio Lower Upper

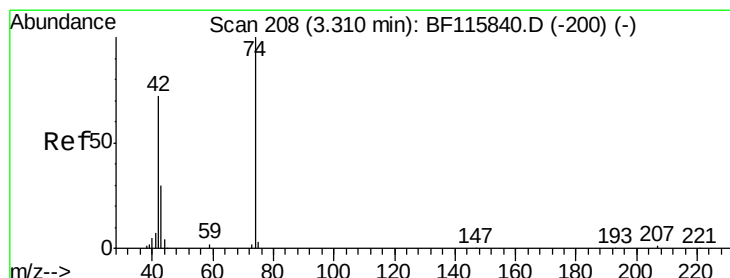
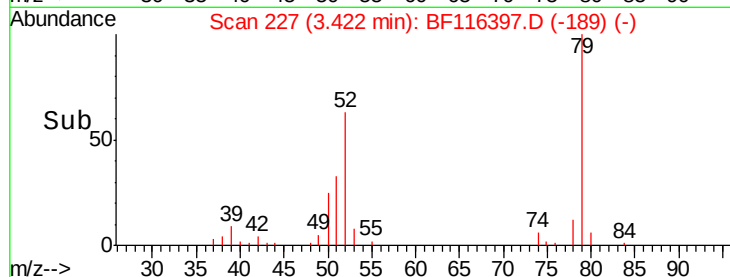
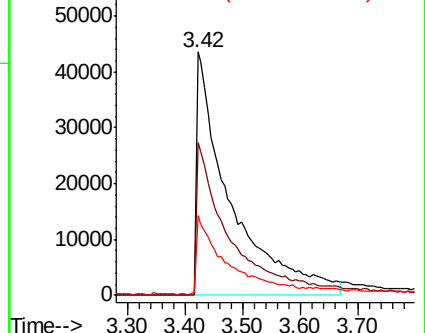
79 100

52 62.7 49.8 74.8

51 32.7 25.2 37.8



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: 41.884 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

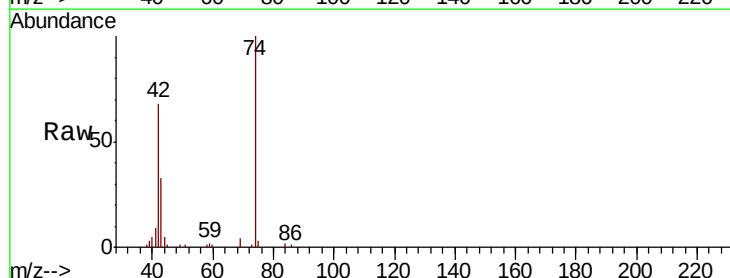
Tgt Ion: 42 Resp: 134926

Ion Ratio Lower Upper

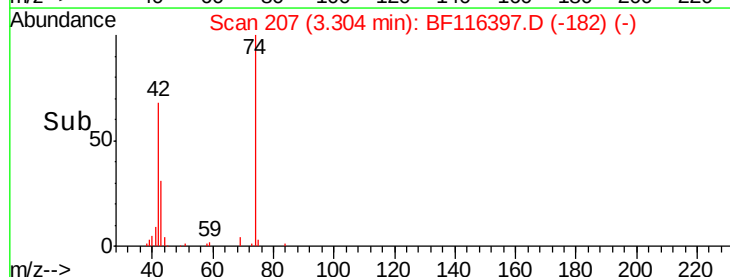
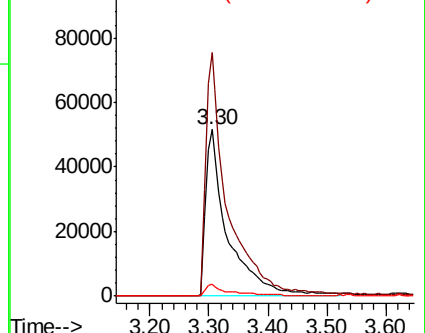
42 100

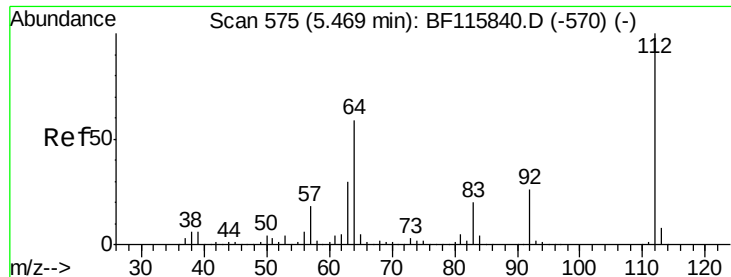
74 146.2 116.0 174.0

44 6.8 4.6 7.0



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: 136.523 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

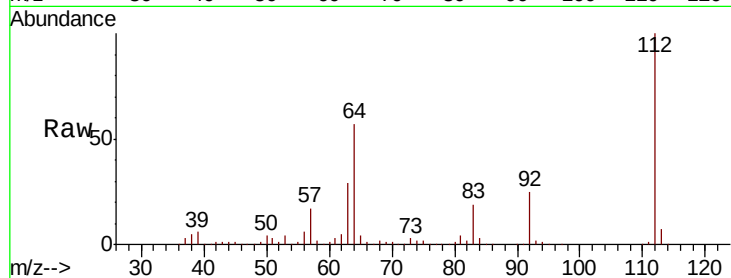
Tgt Ion: 112 Resp: 789708

Ion Ratio Lower Upper

112 100

64 57.1 45.4 68.2

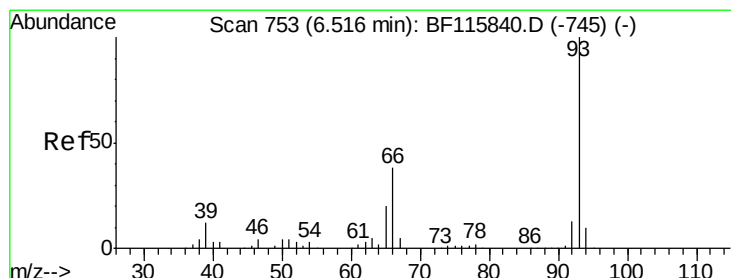
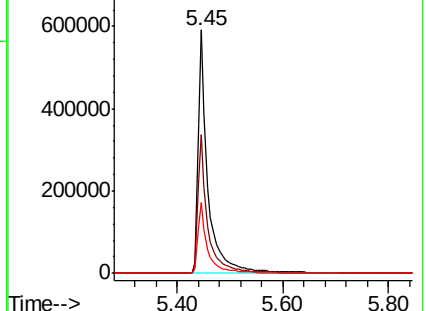
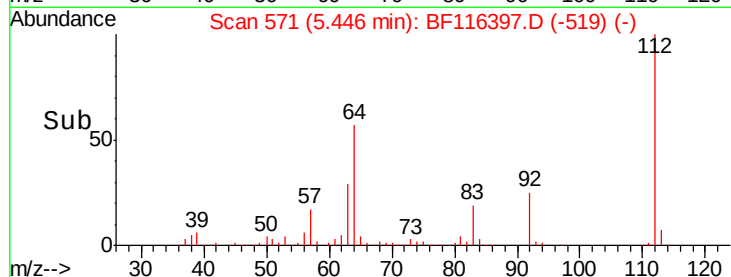
63 29.1 23.7 35.5



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: 22.928 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

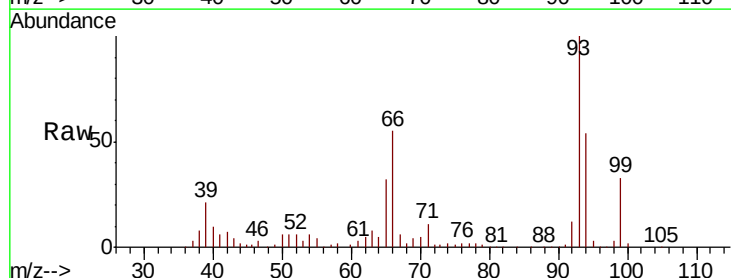
Tgt Ion: 93 Resp: 239632

Ion Ratio Lower Upper

93 100

66 55.3 32.2 48.4#

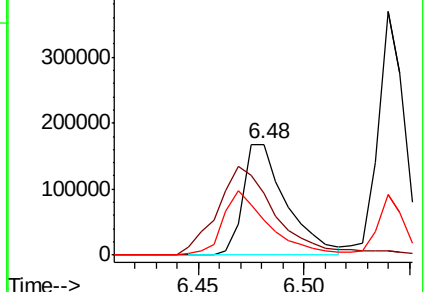
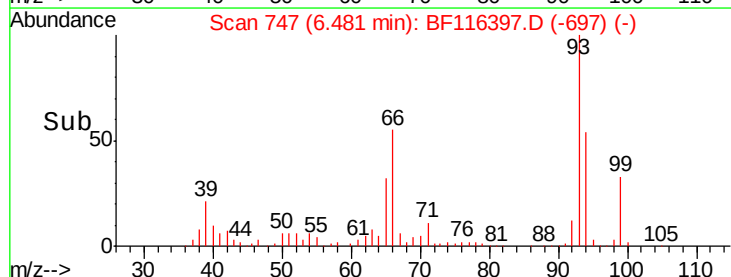
65 32.0 17.0 25.6#

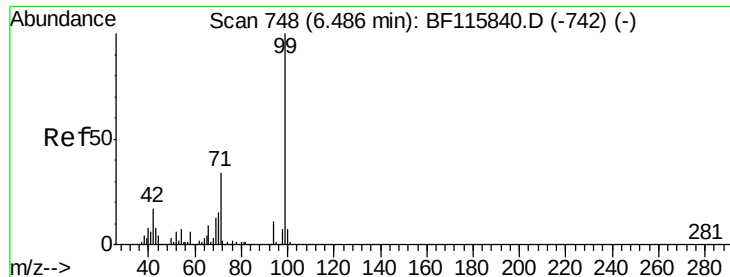


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.022 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

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ClientSampleId :

SS-18_081519MS

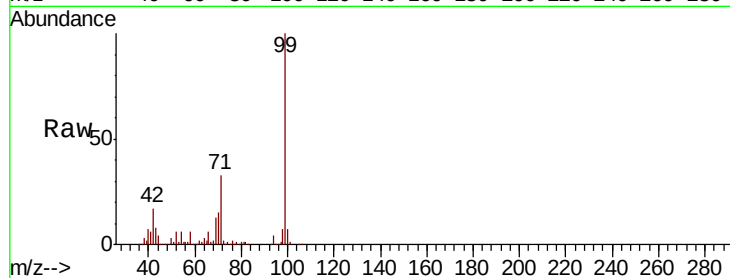
Tgt Ion: 99 Resp: 919716

Ion Ratio Lower Upper

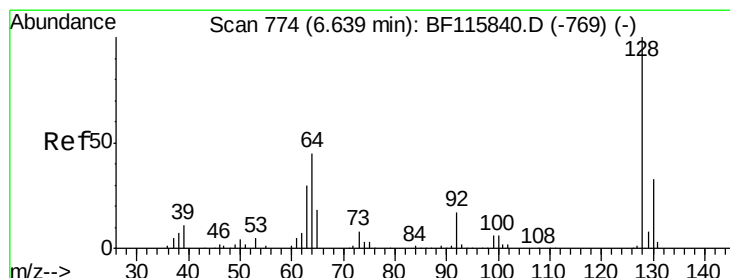
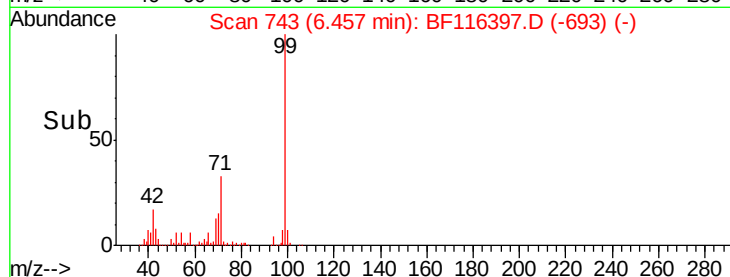
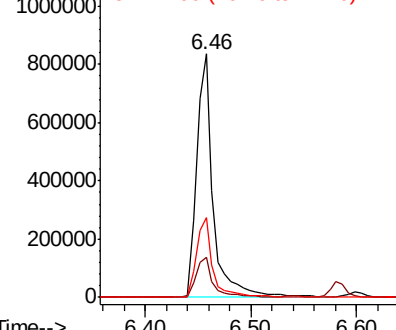
99 100

42 16.6 13.8 20.8

71 33.0 27.3 40.9



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: 50.546 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

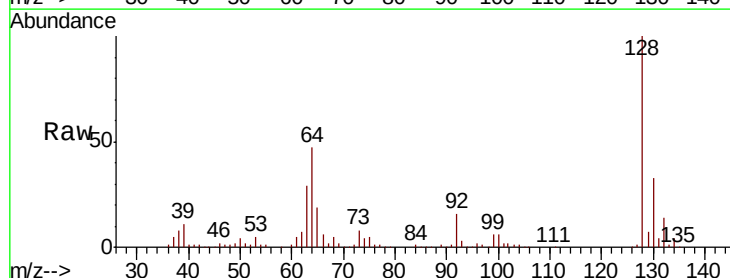
Tgt Ion: 128 Resp: 323315

Ion Ratio Lower Upper

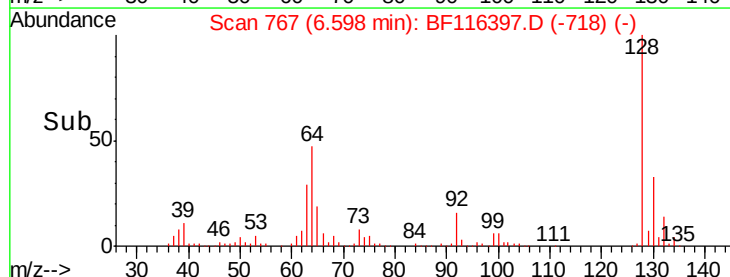
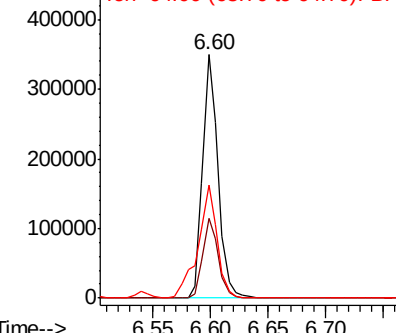
128 100

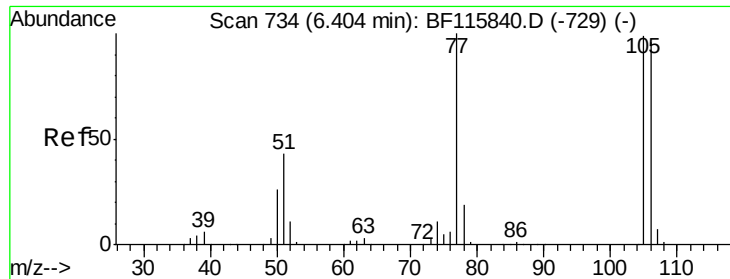
130 32.7 12.9 52.9

64 46.7 24.3 64.3



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: 19.846 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

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ClientSampleId :

SS-18_081519MS

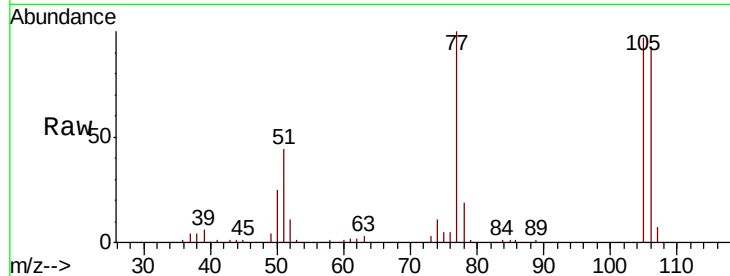
Tgt Ion: 77 Resp: 99938

Ion Ratio Lower Upper

77 100

105 96.7 79.2 119.2

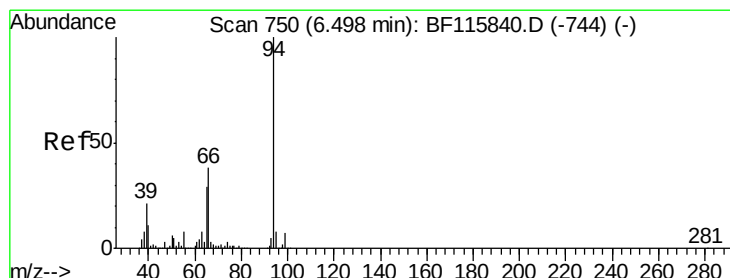
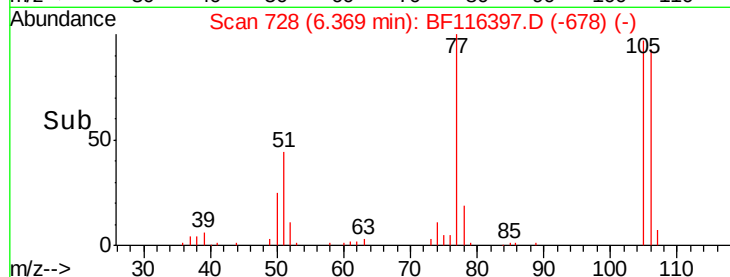
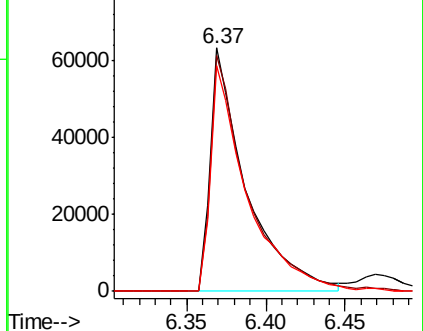
106 92.8 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.620 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

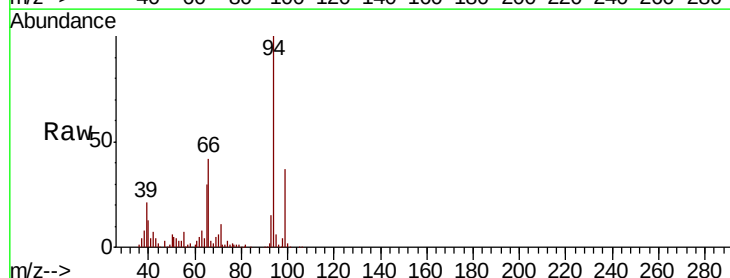
Tgt Ion: 94 Resp: 357694

Ion Ratio Lower Upper

94 100

65 29.8 16.8 56.8

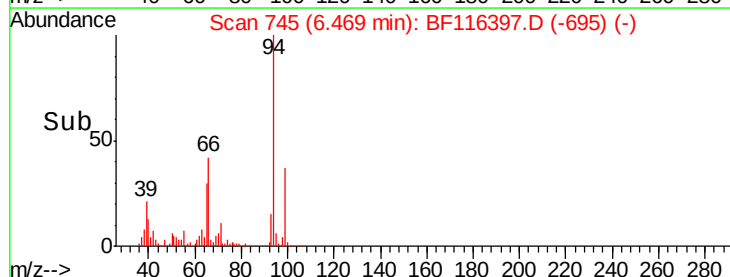
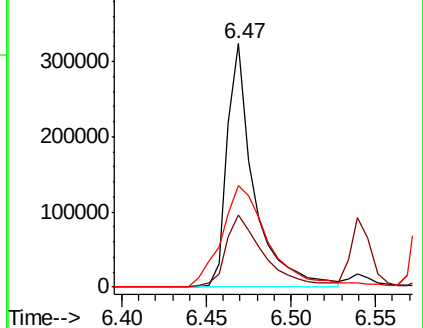
66 41.7 34.2 74.2

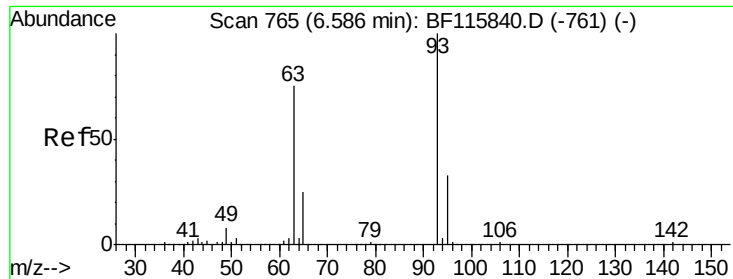


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 52.025 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

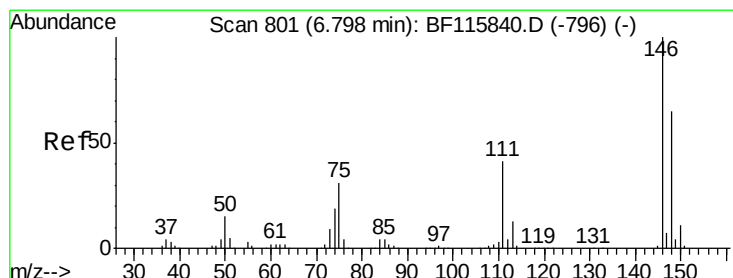
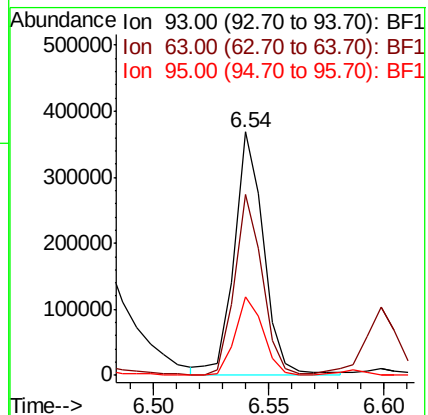
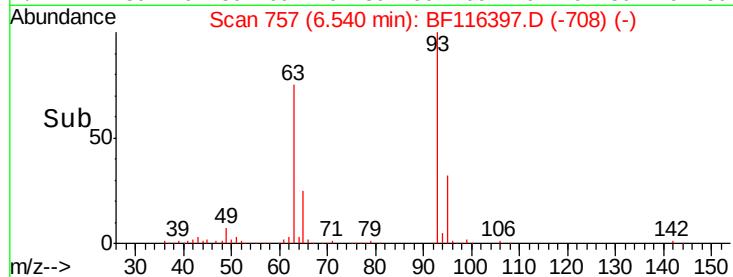
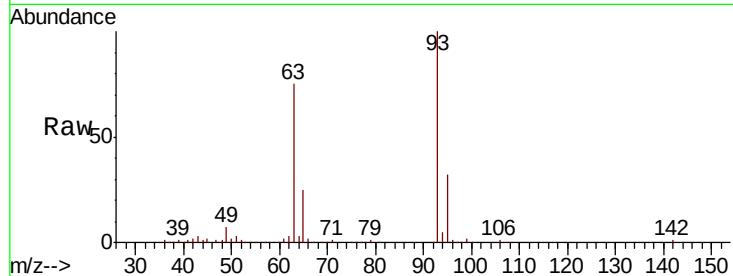
Tgt Ion: 93 Resp: 328725

Ion Ratio Lower Upper

93 100

63 74.6 51.9 91.9

95 32.2 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 45.609 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

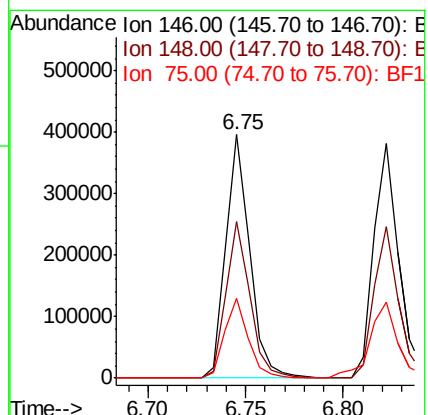
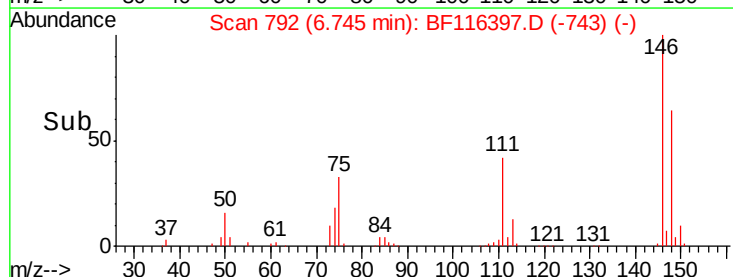
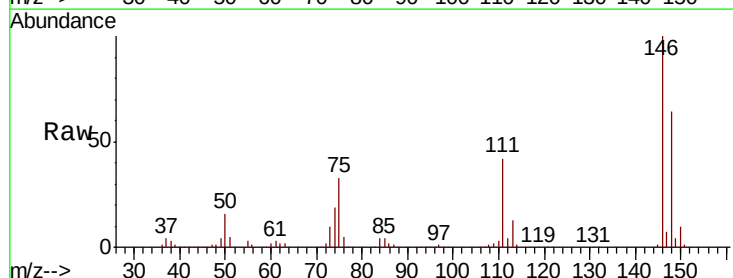
Tgt Ion: 146 Resp: 337158

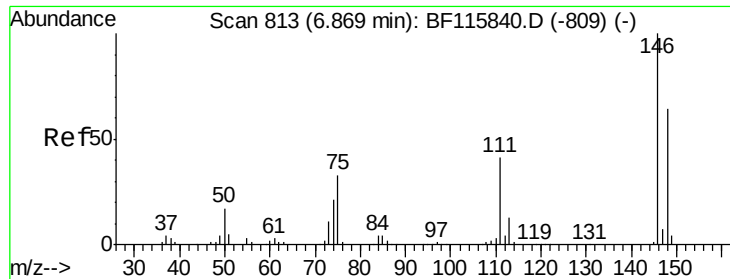
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

75 32.9 27.4 41.2

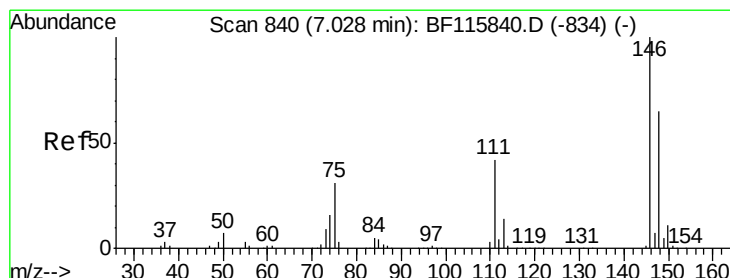
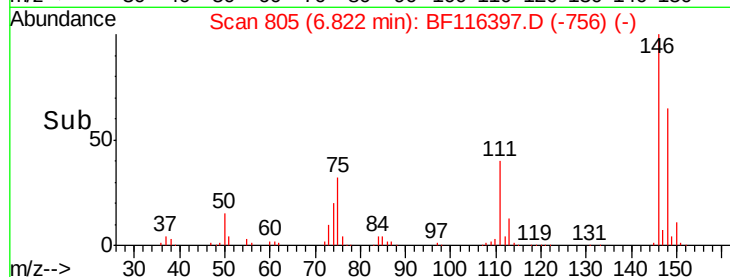
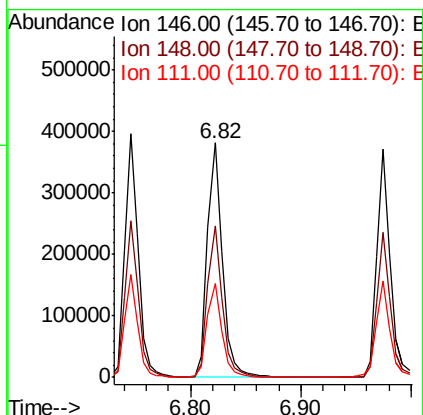
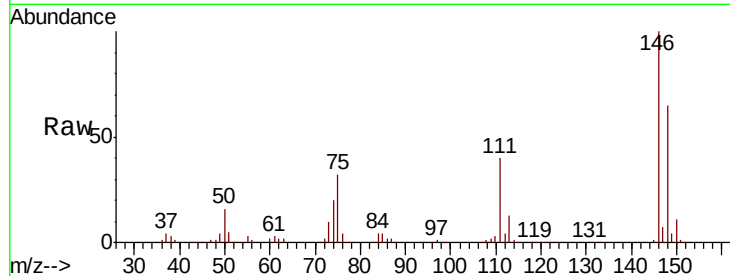




#13
 1,4-Dichlorobenzene
 Concen: 46.999 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

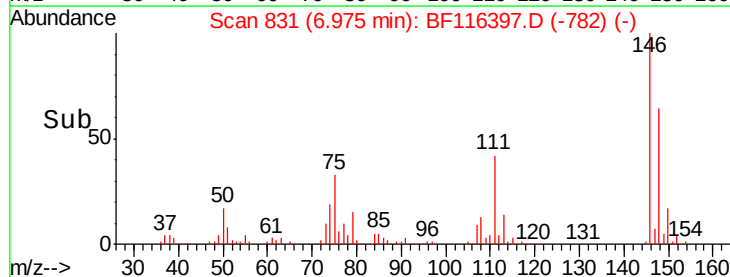
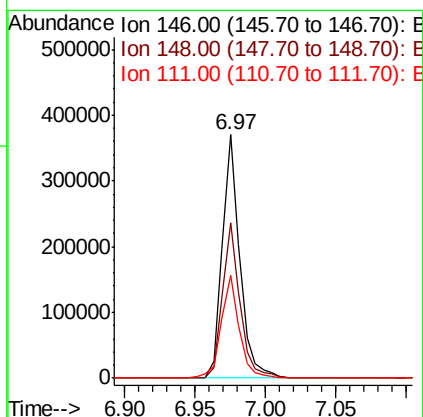
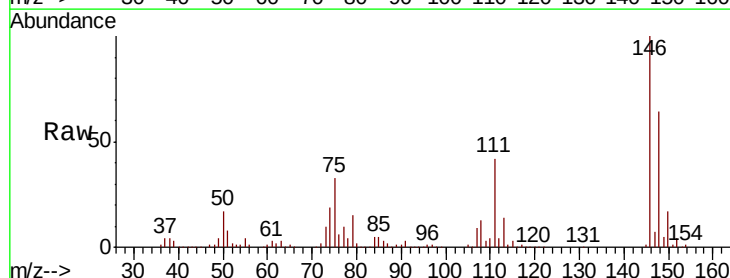
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

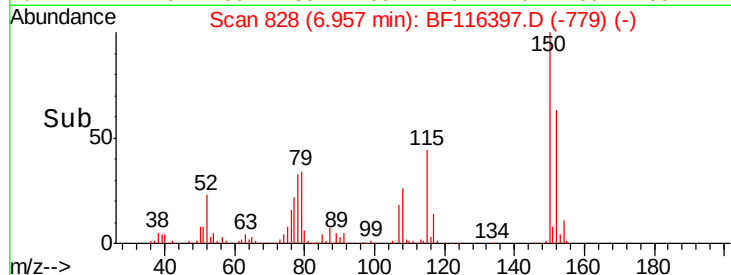
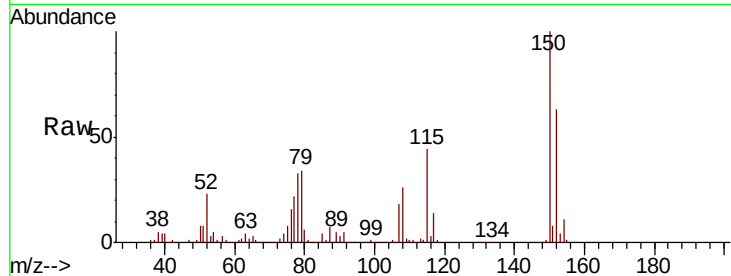
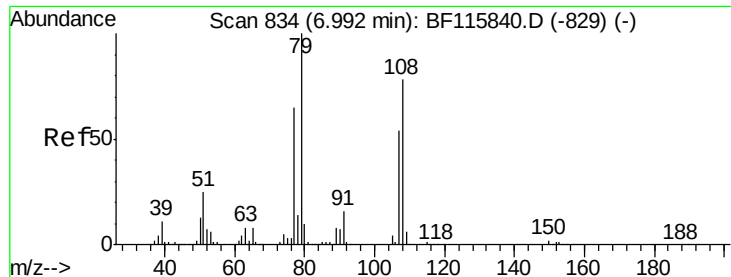
Tgt Ion:146 Resp: 347872
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.3 76.9
 111 40.1 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 46.969 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:146 Resp: 320115
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 42.3 33.5 50.3





#15

Benzyl Alcohol

Concen: 49.001 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

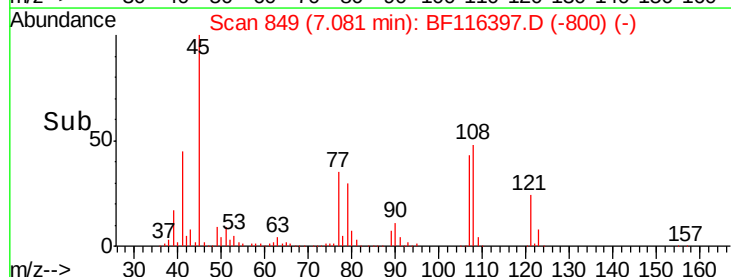
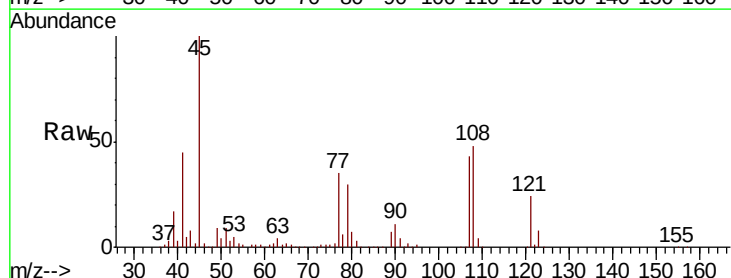
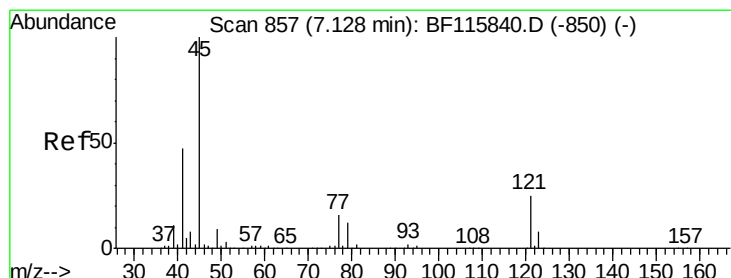
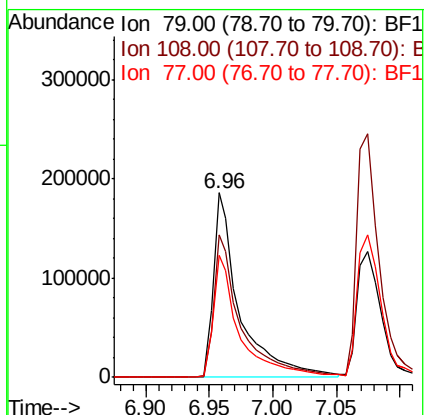
Tgt Ion: 79 Resp: 271391

Ion Ratio Lower Upper

79 100

108 77.4 62.7 94.1

77 66.3 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.917 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

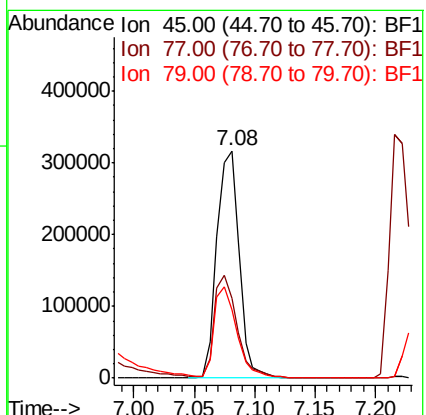
Tgt Ion: 45 Resp: 404356

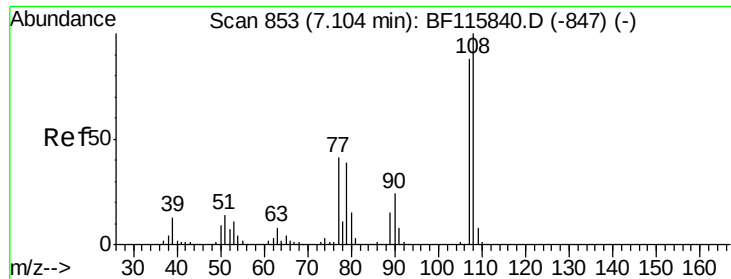
Ion Ratio Lower Upper

45 100

77 35.3 0.0 40.0

79 30.3 0.0 35.9

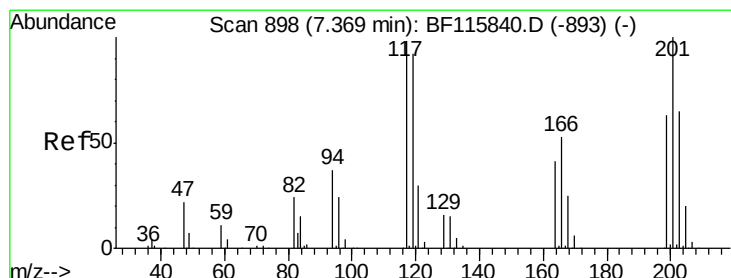
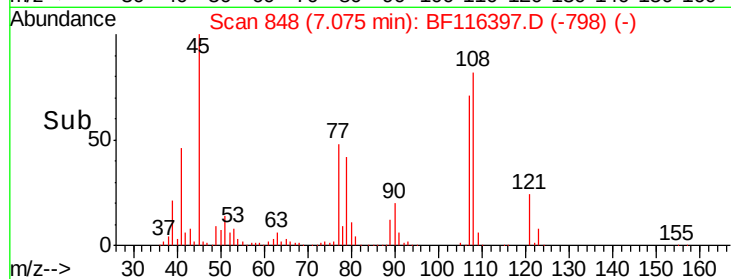
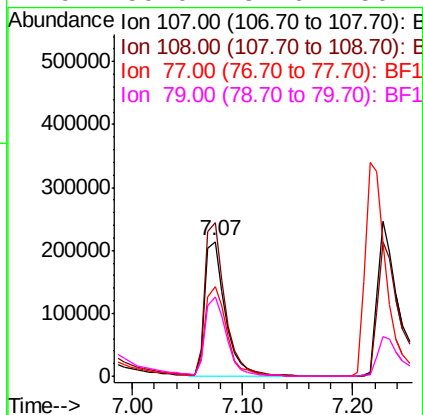
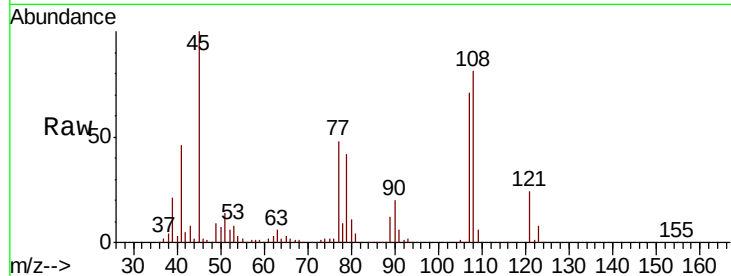




#17
 2-Methylphenol
 Concen: 48.961 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

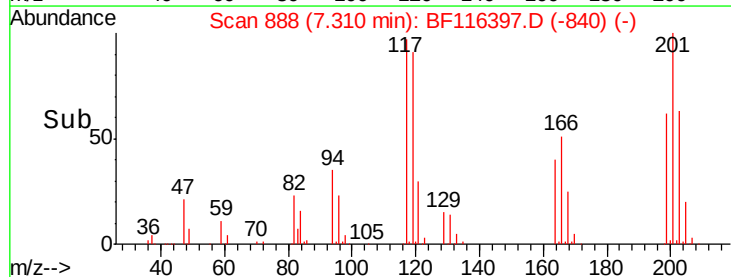
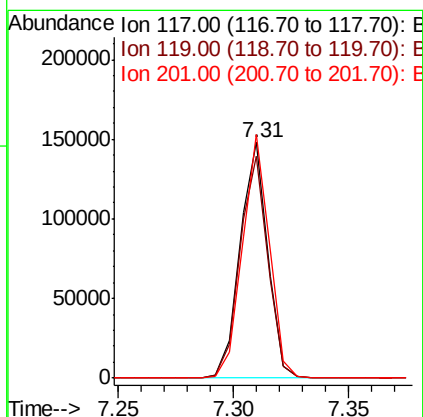
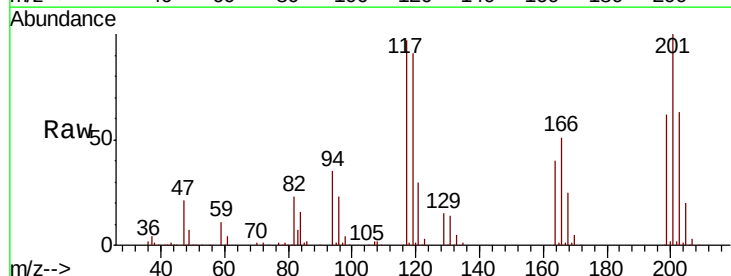
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

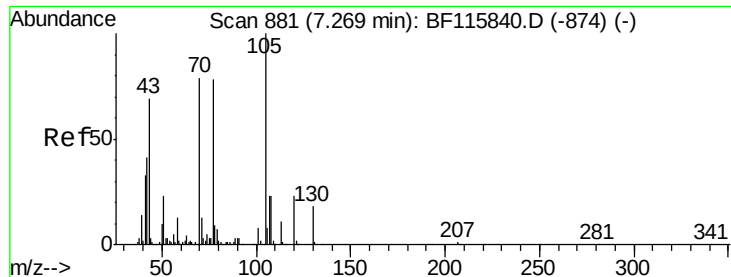
Tgt Ion:	107	Resp:	265180
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.2	136.8
77	66.9	40.3	60.5#
79	59.0	37.6	56.4#



#18
 Hexachloroethane
 Concen: 45.190 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:	117	Resp:	123148
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.1	114.1
201	103.4	77.0	115.4

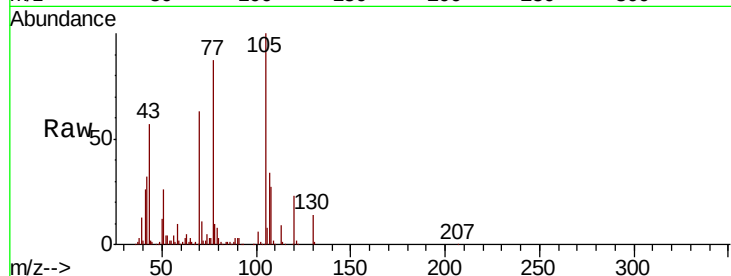




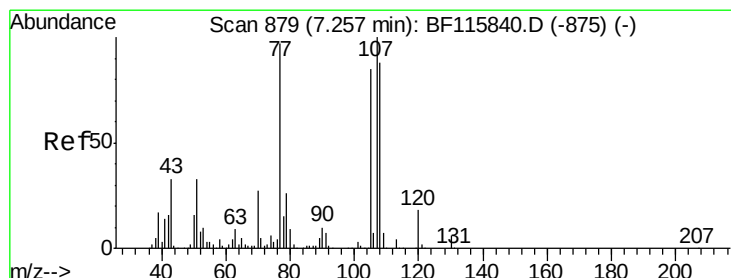
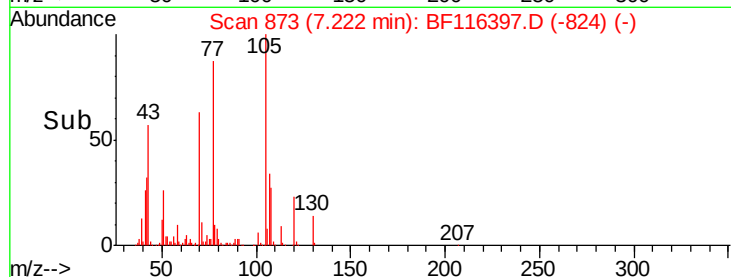
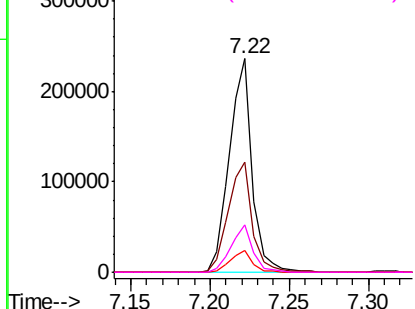
#19
n-Nitroso-di-n-propylamine
Concen: 51.900 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion:	70	Resp:	234716
Ion	Ratio	Lower	Upper
70	100		
42	51.5	40.9	61.3
101	10.3	7.9	11.9
130	22.1	16.9	25.3

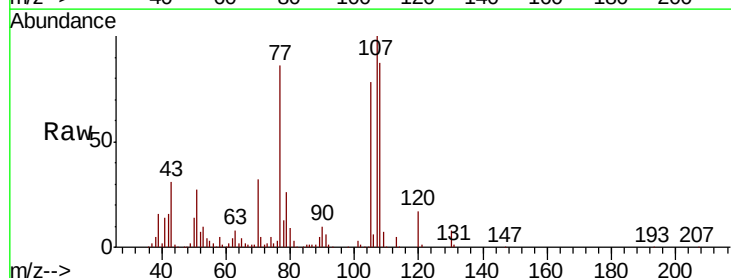


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

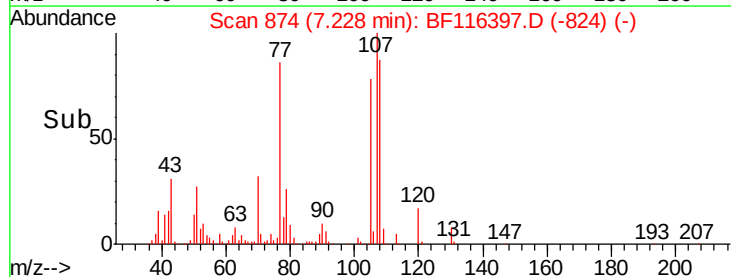
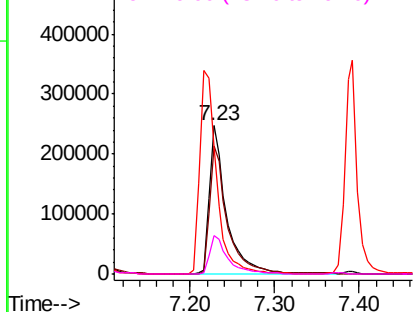


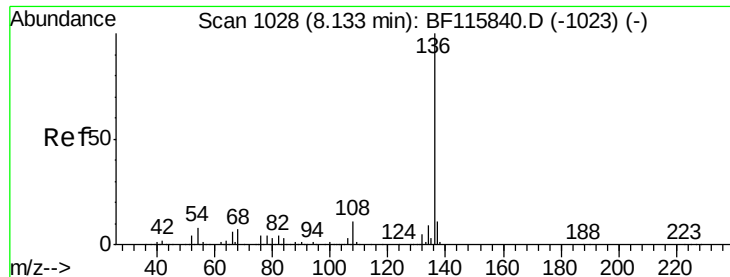
#20
3+4-Methylphenols
Concen: 54.341 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:	107	Resp:	348290
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.6	107.6
77	85.7	104.4	144.4#
79	25.8	7.4	47.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

Tgt Ion:136 Resp: 377475

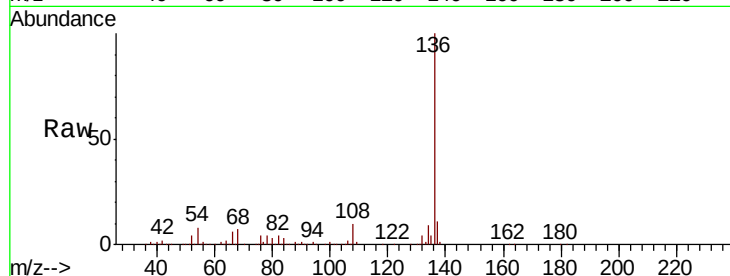
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.6 5.8 8.6

68 6.6 5.2 7.8

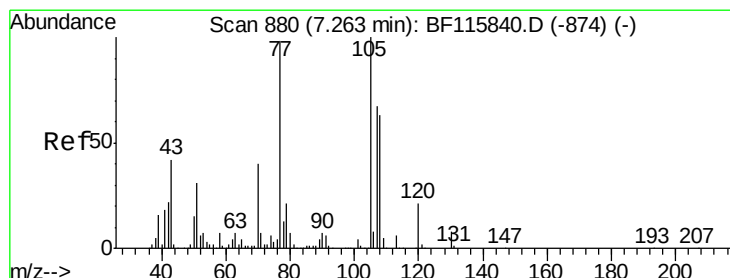
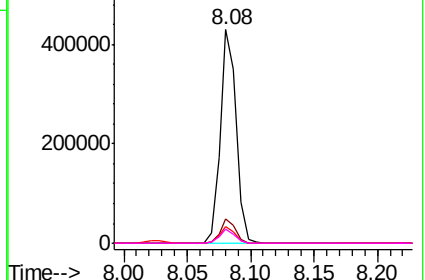
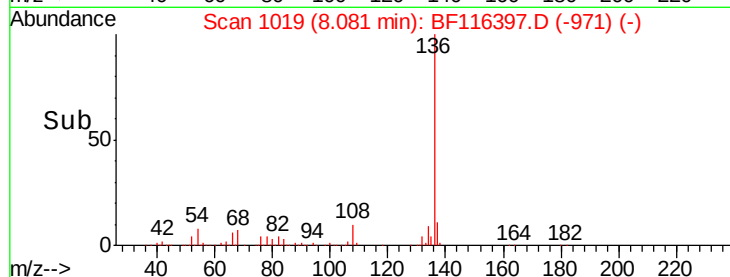


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.930 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Tgt Ion:105 Resp: 463022

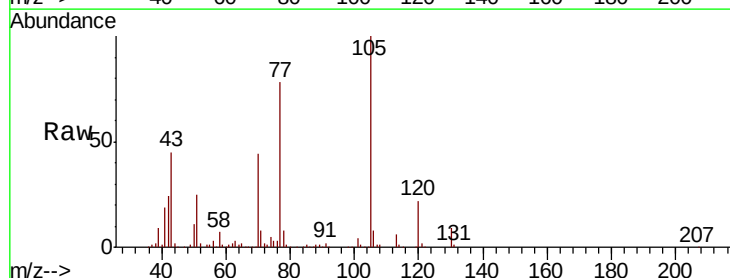
Ion Ratio Lower Upper

105 100

71 7.5 5.9 8.9

51 24.6 25.3 37.9#

120 22.4 17.9 26.9

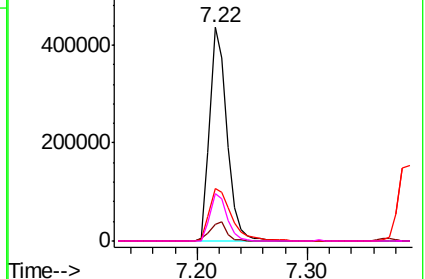
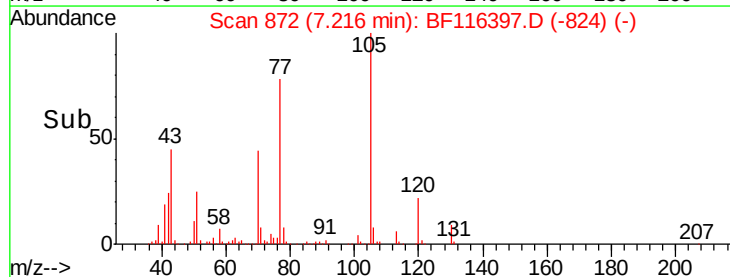


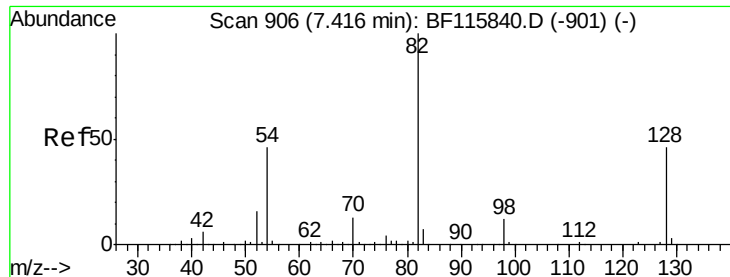
Abundance Ion 105.00 (104.70 to 105.70): E

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

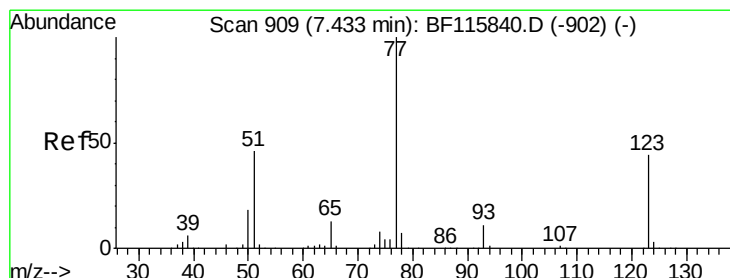
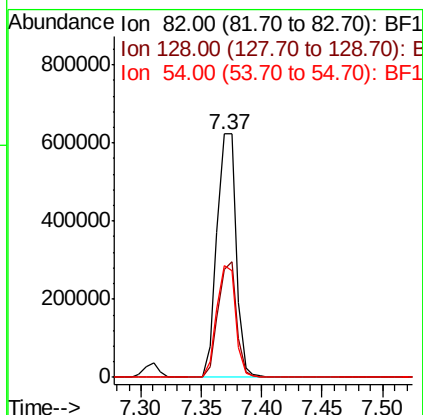
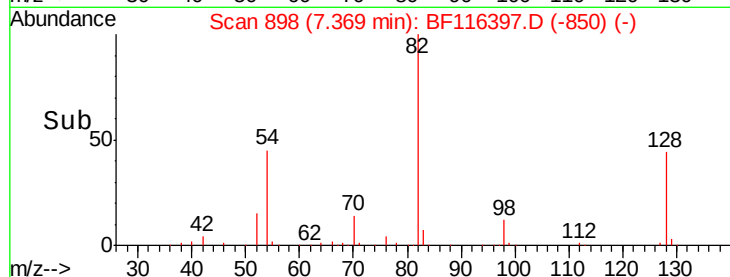
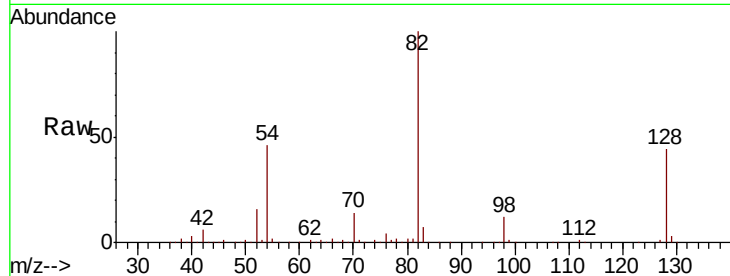




#23
 Nitrobenzene-d5
 Concen: 104.659 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

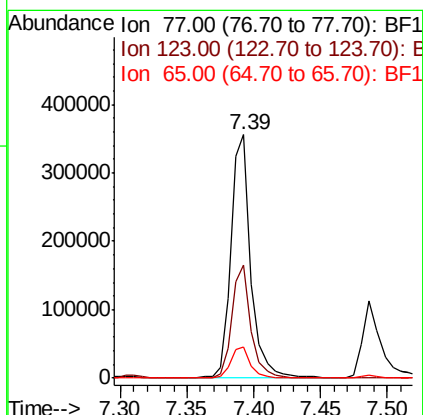
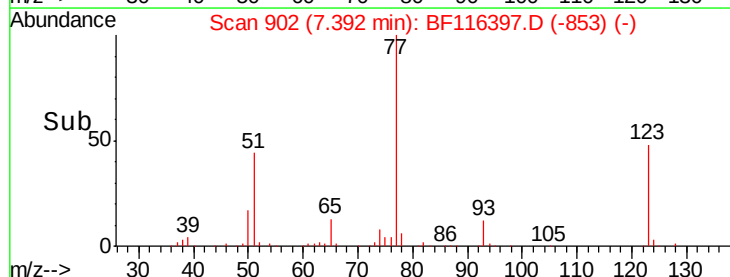
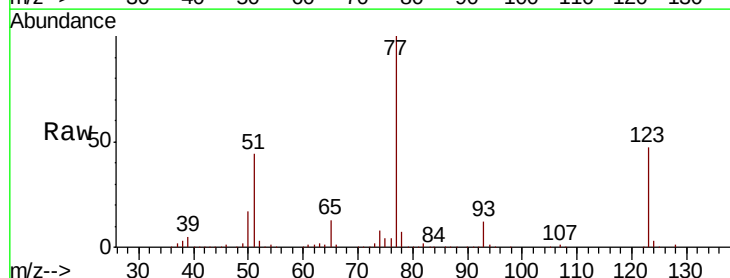
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

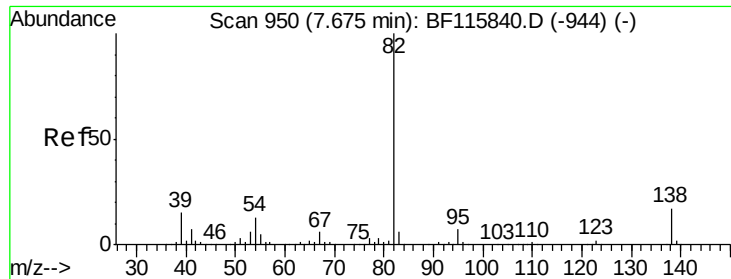
Tgt Ion: 82 Resp: 684411
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.5 54.7
 54 45.8 36.0 54.0



#24
 Nitrobenzene
 Concen: 52.360 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion: 77 Resp: 369713
 Ion Ratio Lower Upper
 77 100
 123 46.6 36.7 55.1
 65 12.9 10.6 16.0





#25

Isophorone

Concen: 53.738 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

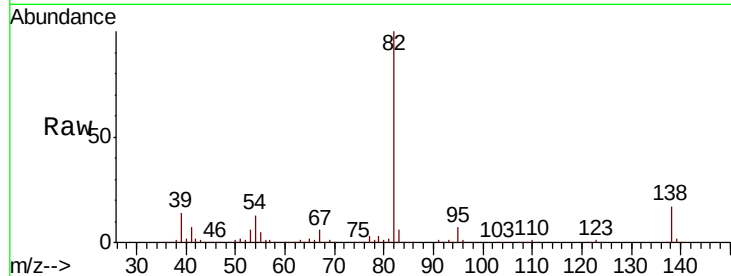
Tgt Ion: 82 Resp: 671958

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

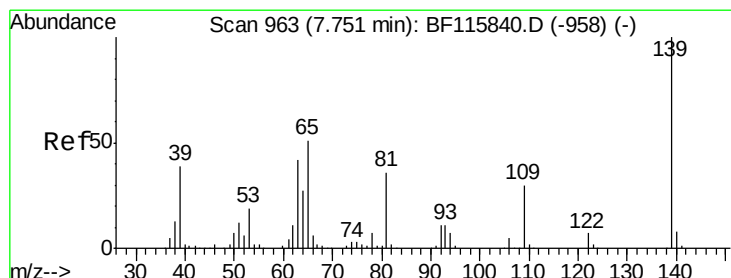
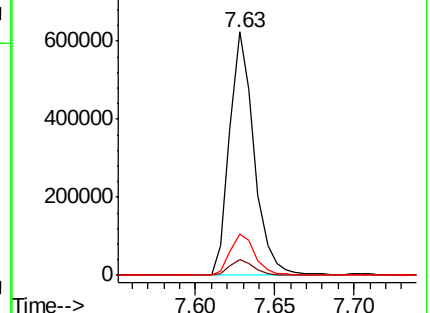
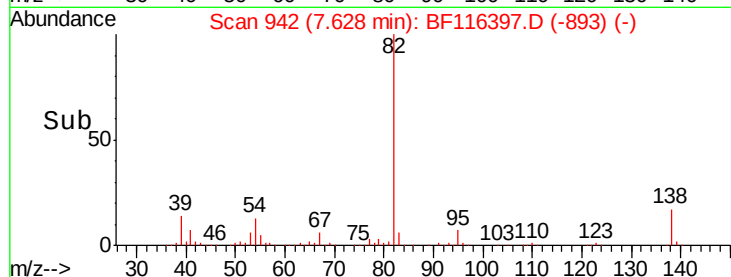
138 17.2 14.5 21.7



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: 53.442 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

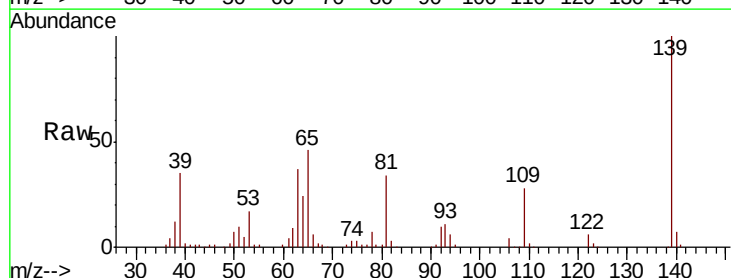
Tgt Ion: 139 Resp: 177878

Ion Ratio Lower Upper

139 100

109 28.1 23.4 35.2

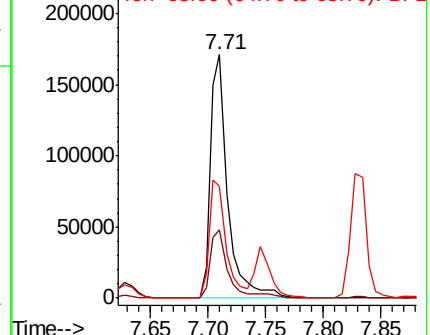
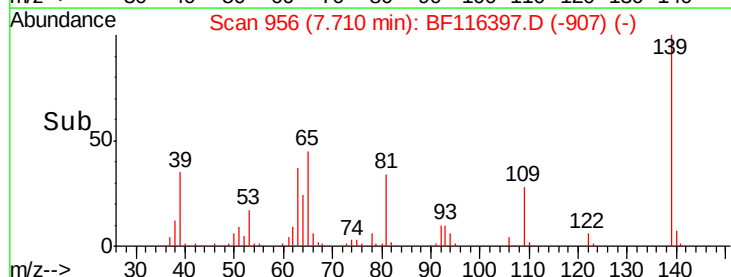
65 45.8 41.1 61.7

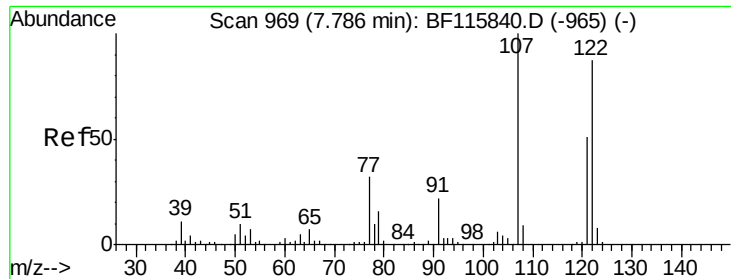


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

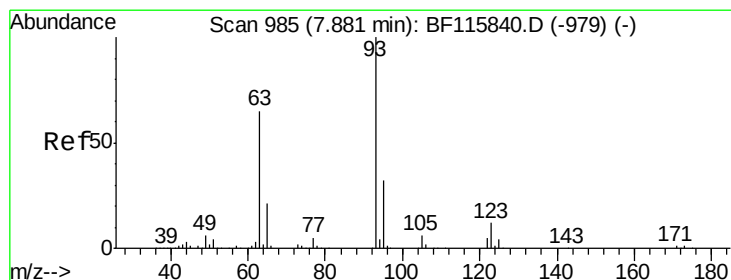
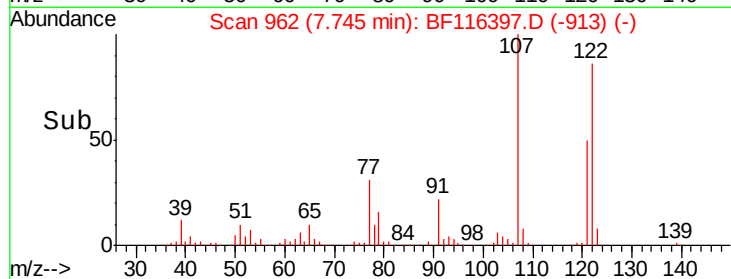
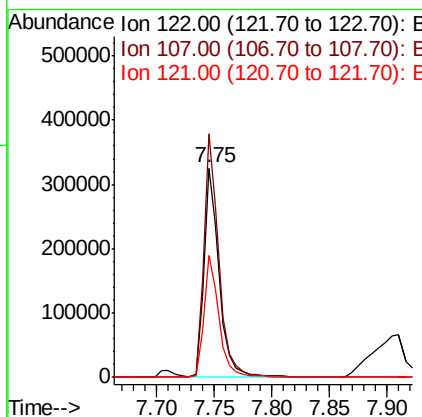
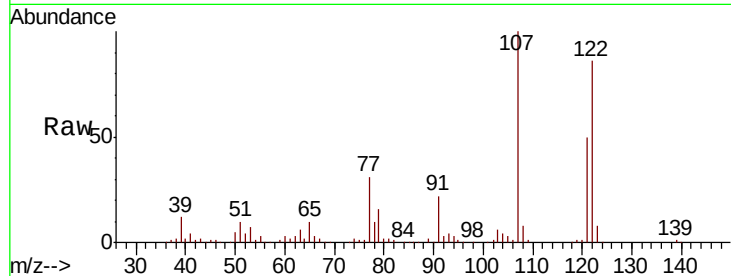




#27
2,4-Dimethylphenol
Concen: 59.901 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

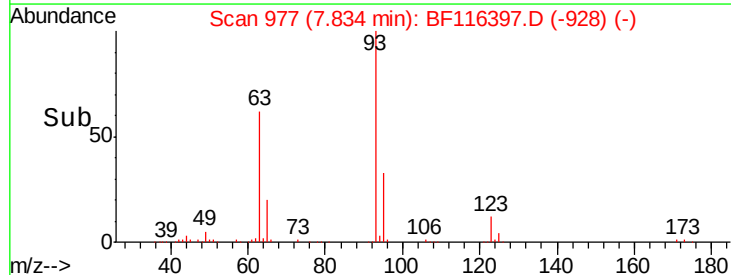
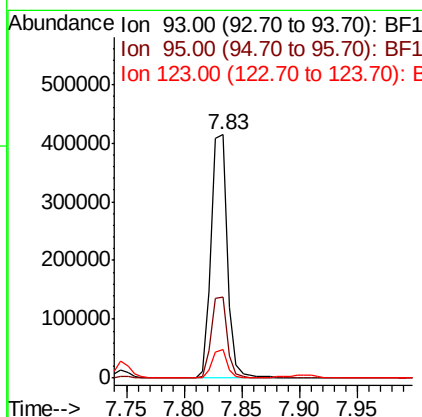
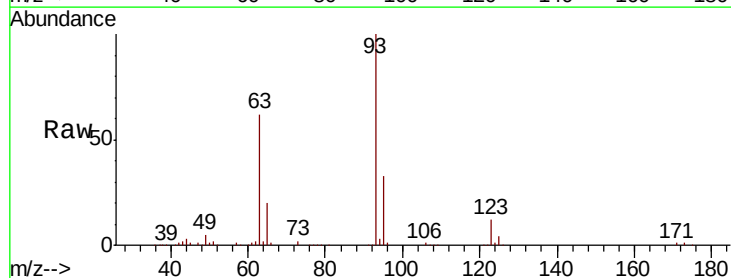
Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

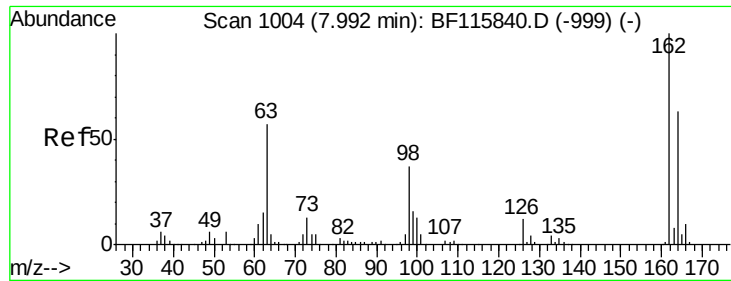
Tgt Ion: 122 Resp: 299963
Ion Ratio Lower Upper
122 100
107 116.1 93.0 139.6
121 58.4 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 52.322 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion: 93 Resp: 405517
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 11.8 9.2 13.8

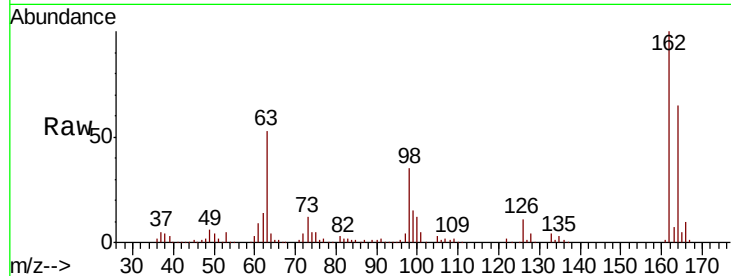




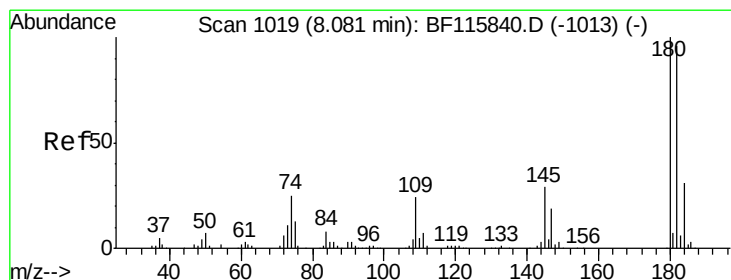
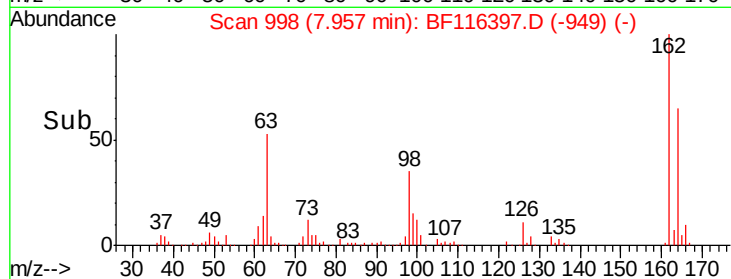
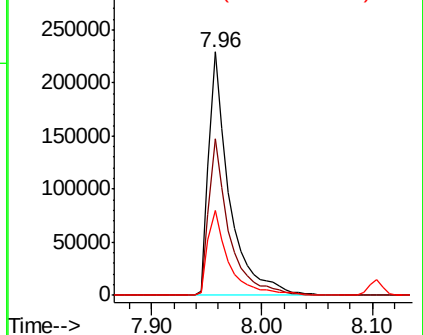
#29
 2,4-Dichlorophenol
 Concen: 55.136 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	291525		
164	64.6	45.1	85.1	
98	34.8	15.8	55.8	

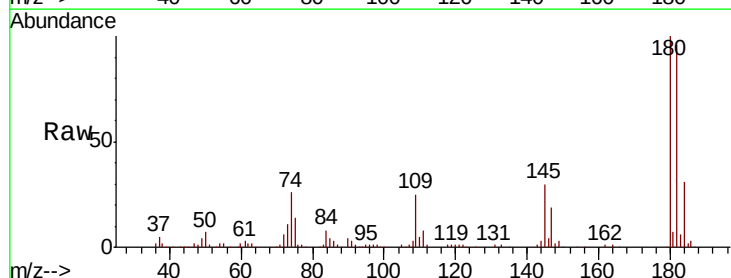


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

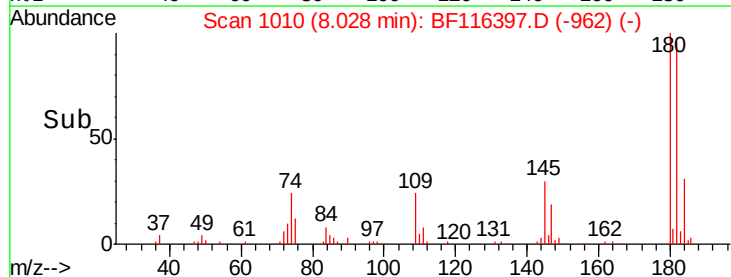
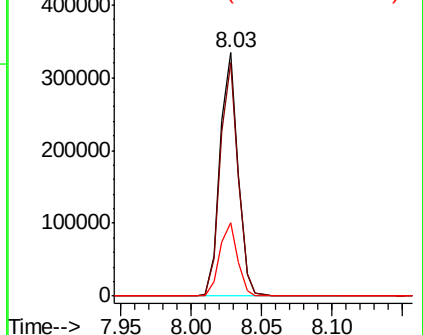


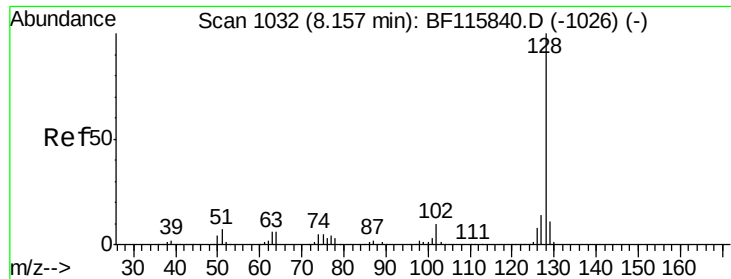
#30
 1,2,4-Trichlorobenzene
 Concen: 49.168 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296338		
182	96.1	75.7	113.5	
145	29.9	24.3	36.5	



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

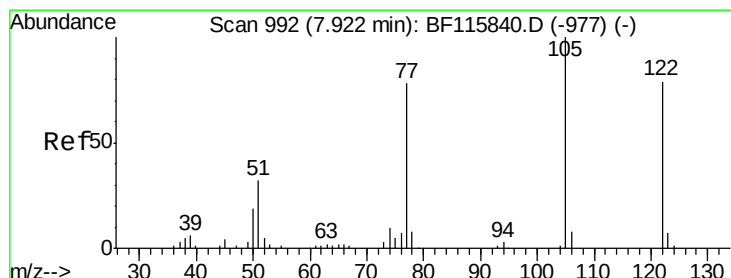
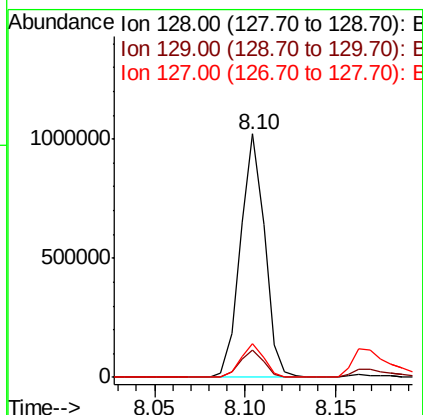
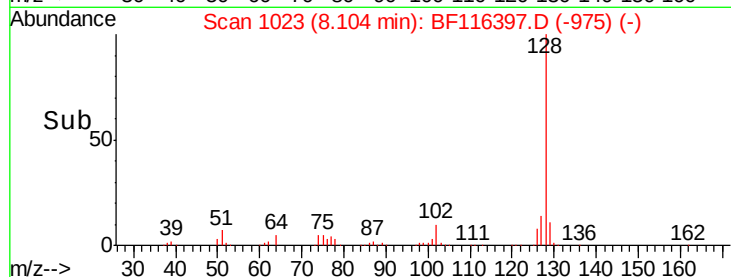
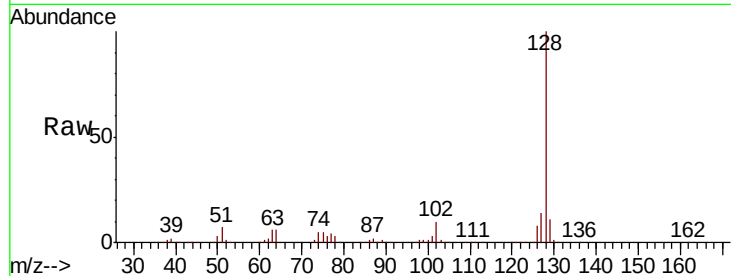




#31
Naphthalene
Concen: 53.555 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

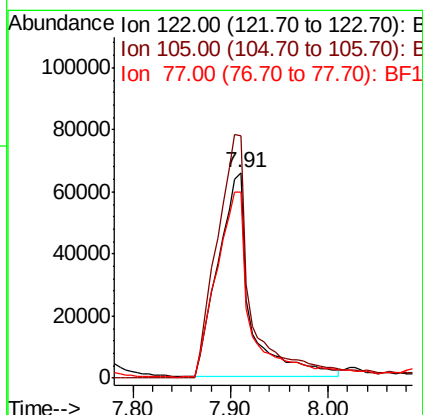
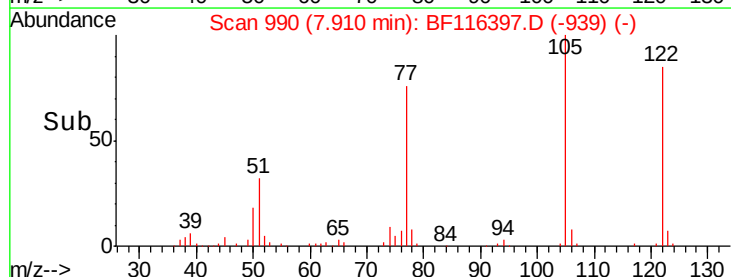
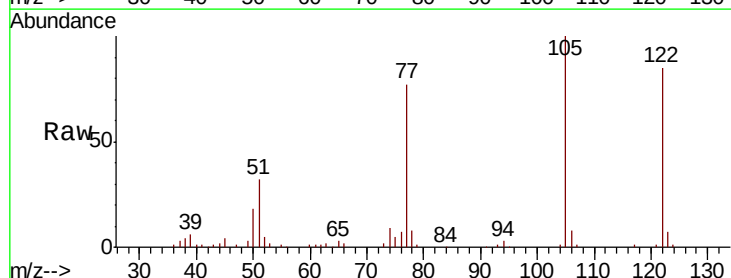
Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

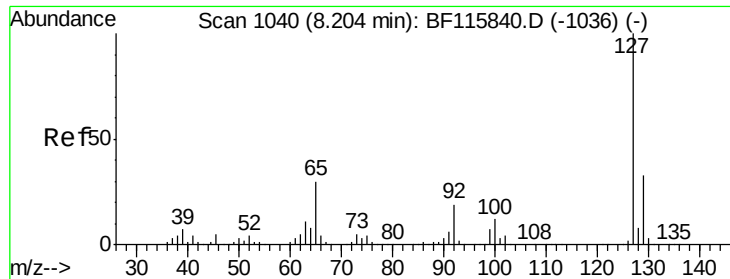
Tgt Ion:128 Resp: 951310
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 43.165 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:122 Resp: 152394
Ion Ratio Lower Upper
122 100
105 117.6 106.1 146.1
77 90.6 76.7 116.7

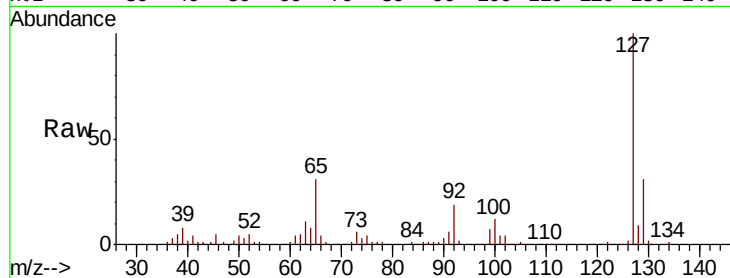




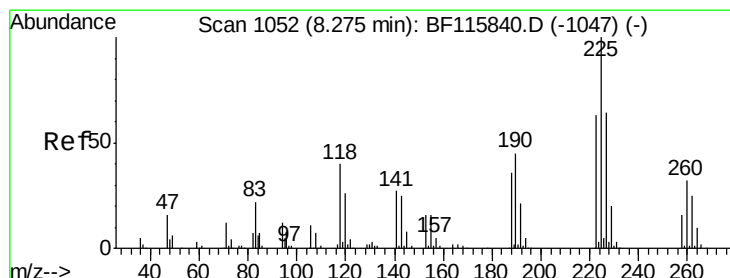
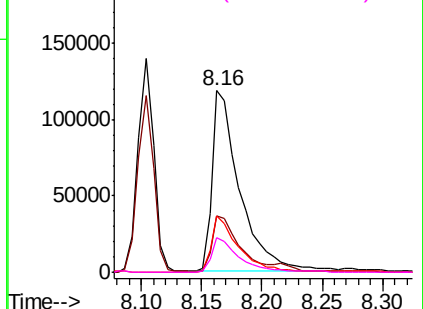
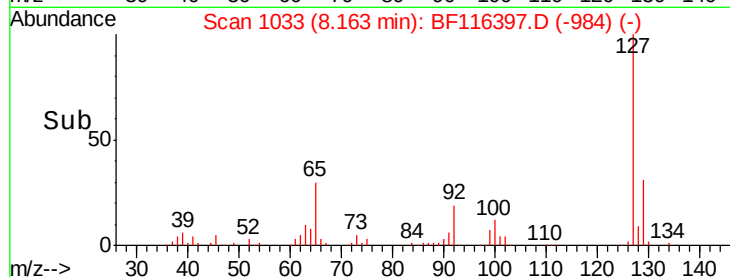
#33
4-Chloroaniline
Concen: 23.576 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion:	127	Resp:	187120
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.1	39.1
65	30.9	24.9	37.3
92	19.4	15.7	23.5

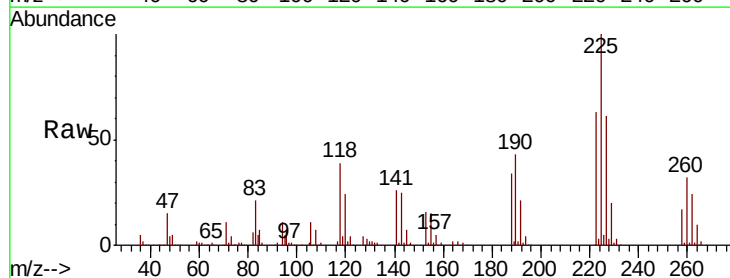


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

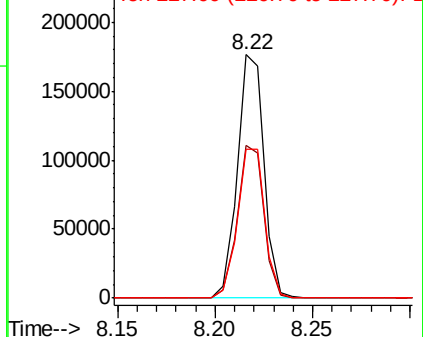
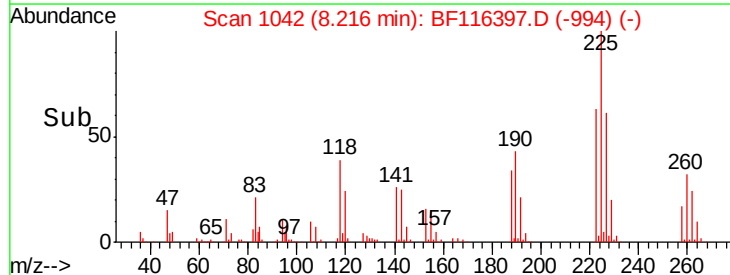


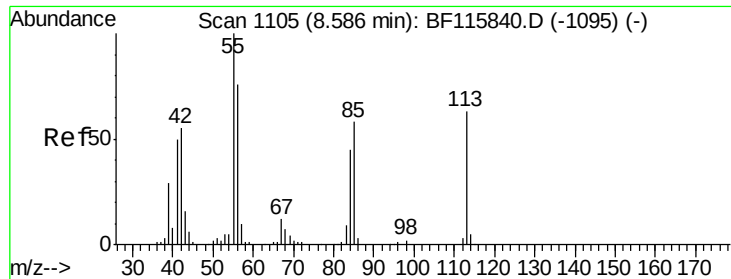
#34
Hexachlorobutadiene
Concen: 47.903 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:	225	Resp:	166297
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.0	75.0
227	61.3	51.0	76.4



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

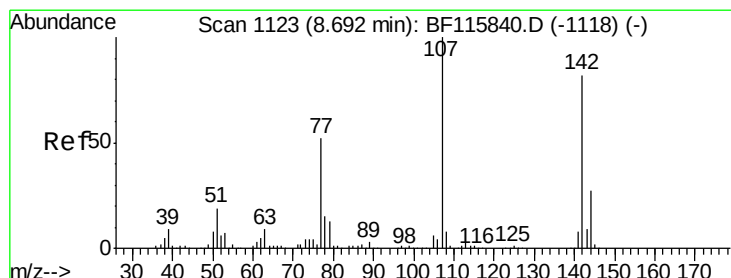
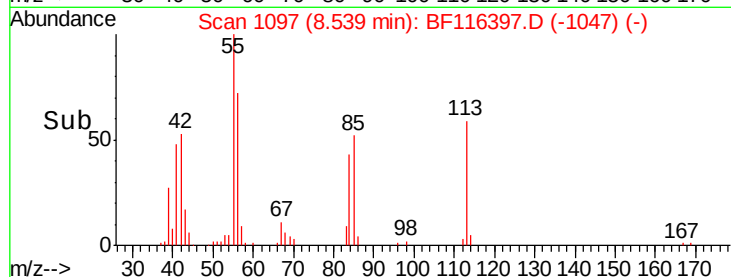
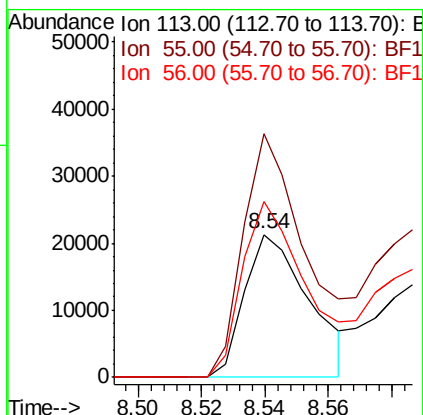
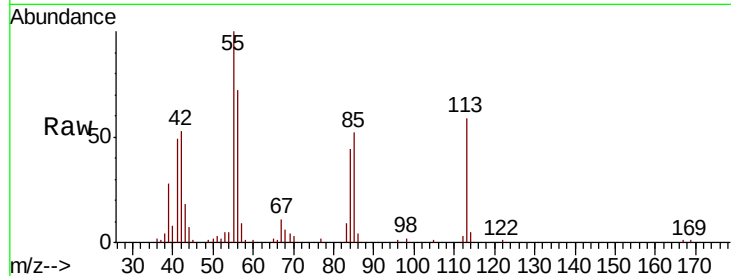




#35
 Caprolactam
 Concen: 17.502 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

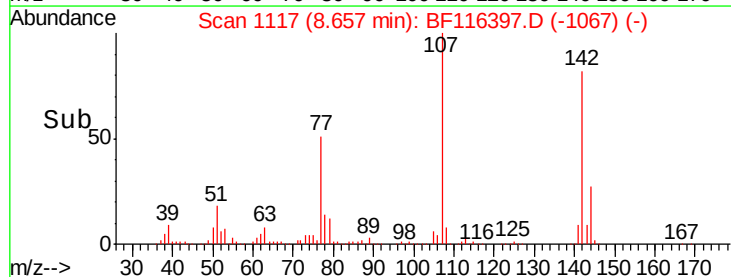
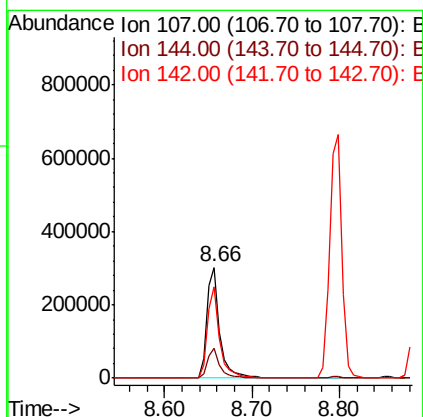
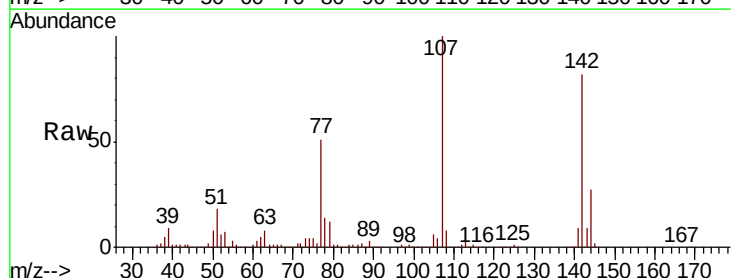
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

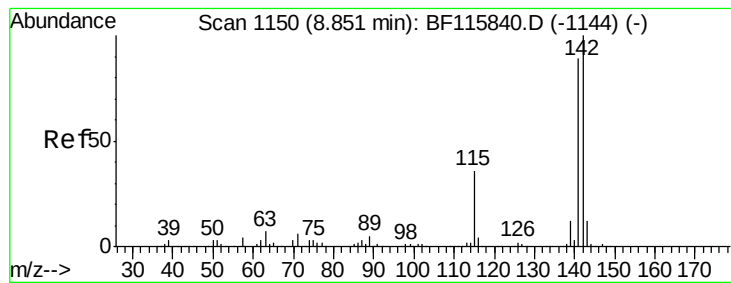
Tgt Ion:113 Resp: 29930
 Ion Ratio Lower Upper
 113 100
 55 170.7 144.3 184.3
 56 123.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 55.978 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:107 Resp: 307910
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.2 30.2
 142 82.2 61.7 92.5





#37

2-Methylnaphthalene

Concen: 55.011 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

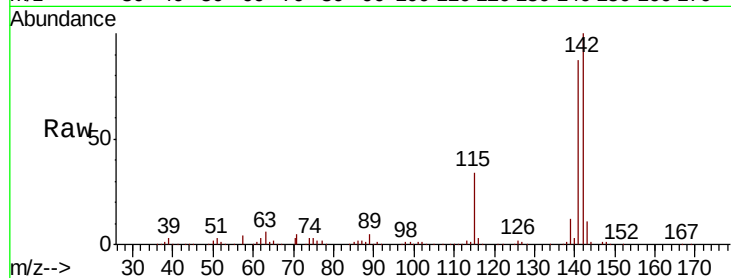
Tgt Ion:142 Resp: 643554

Ion Ratio Lower Upper

142 100

141 87.5 70.9 106.3

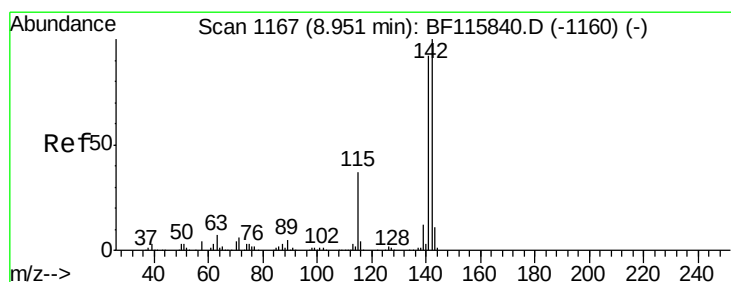
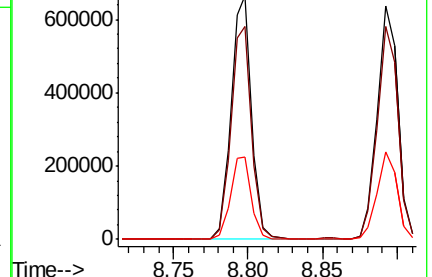
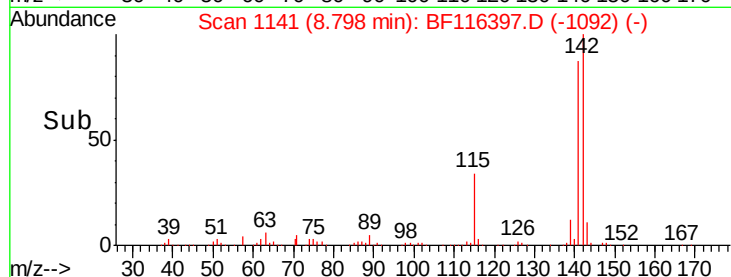
115 33.6 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.715 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

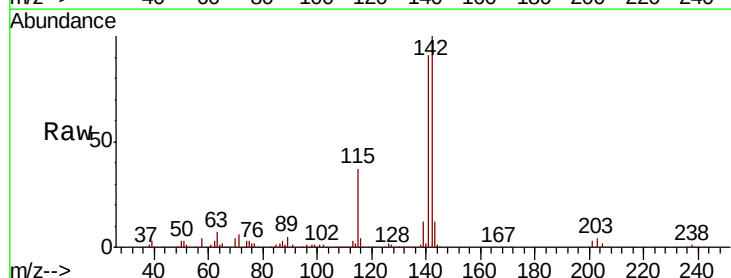
Tgt Ion:142 Resp: 605547

Ion Ratio Lower Upper

142 100

141 91.4 74.4 111.6

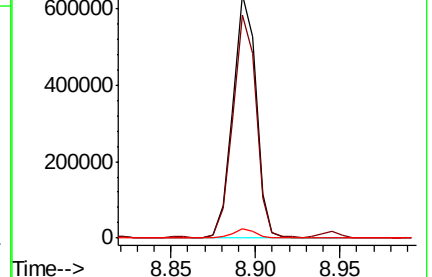
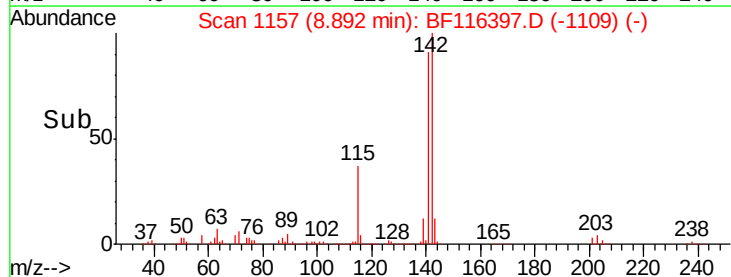
116 3.9 3.1 4.7

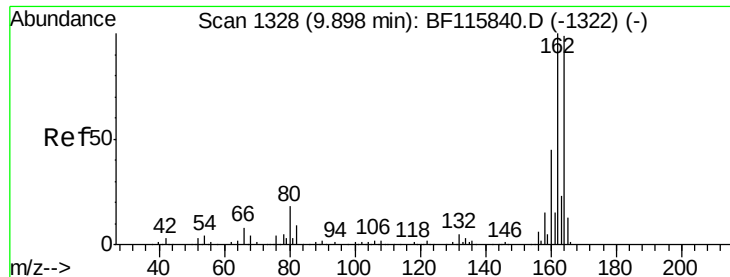


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

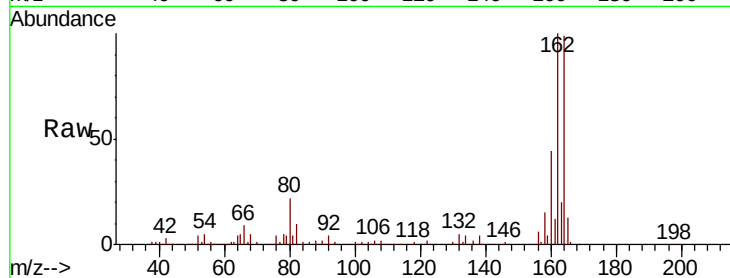
Tgt Ion:164 Resp: 210128

Ion Ratio Lower Upper

164 100

162 100.7 82.6 124.0

160 44.5 37.6 56.4

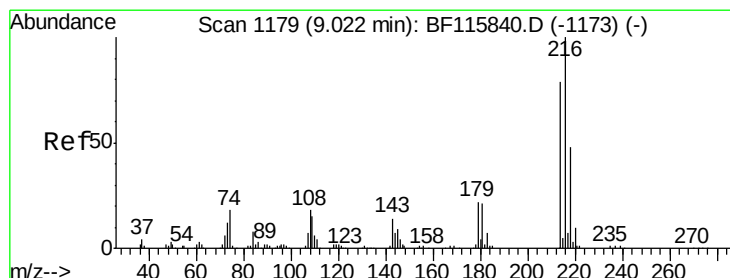
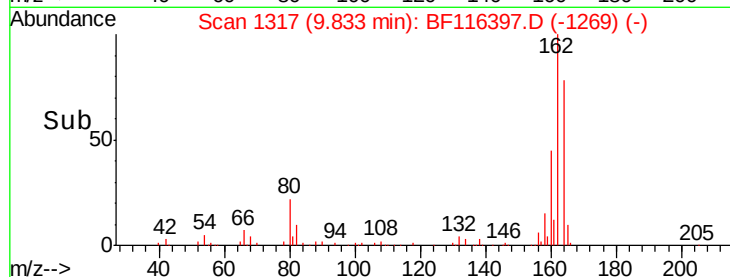
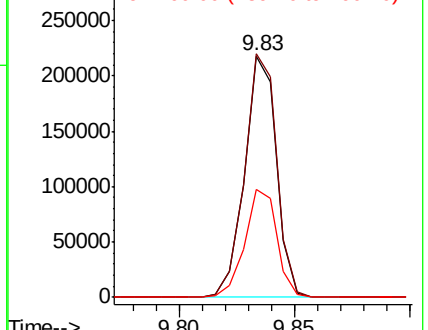


Abundance

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: 52.073 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Tgt Ion:216 Resp: 292526

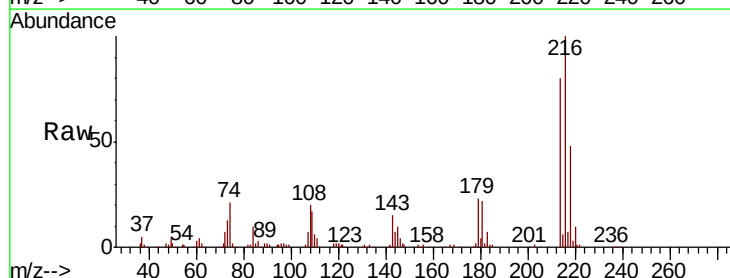
Ion Ratio Lower Upper

216 100

214 79.3 63.6 95.4

179 22.2 17.8 26.8

108 20.6 16.5 24.7



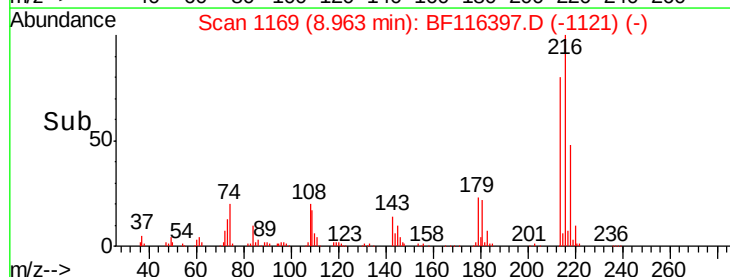
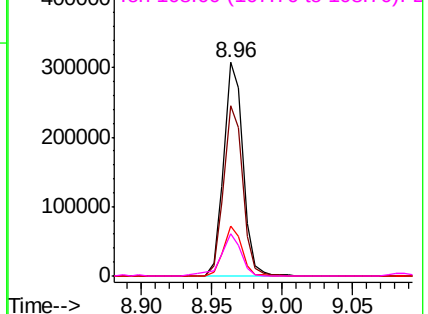
Abundance

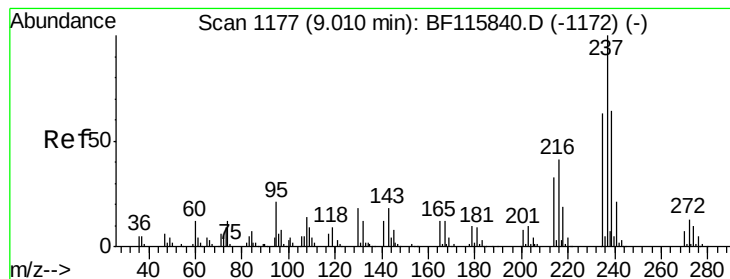
Ion 216.00 (215.70 to 216.70): E

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: 43.694 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

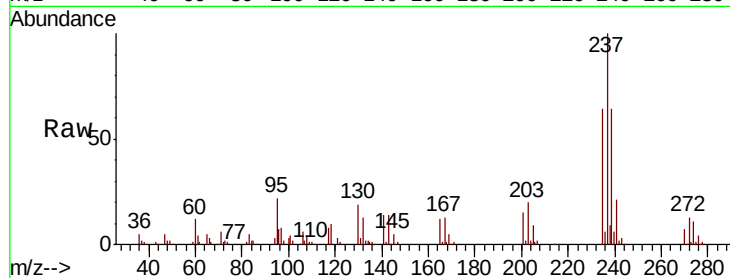
Tgt Ion: 237 Resp: 102871

Ion Ratio Lower Upper

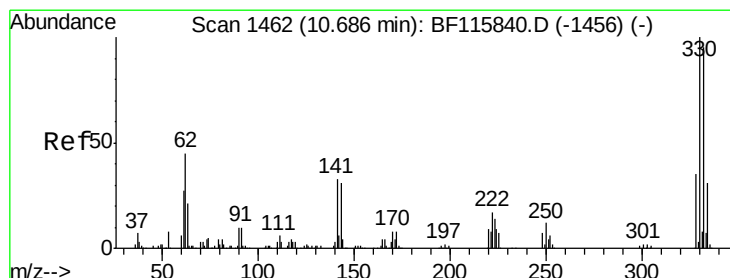
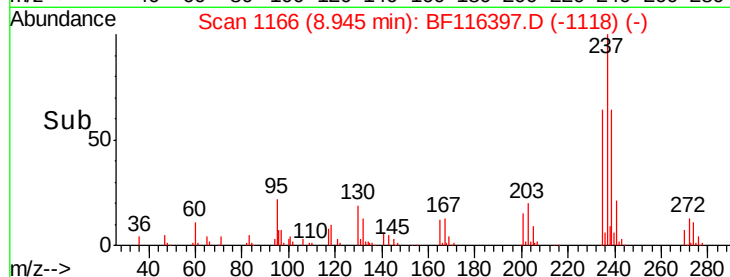
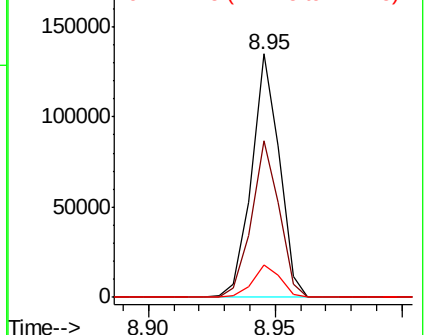
237 100

235 64.1 43.4 83.4

272 13.1 0.0 33.2



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: 152.901 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

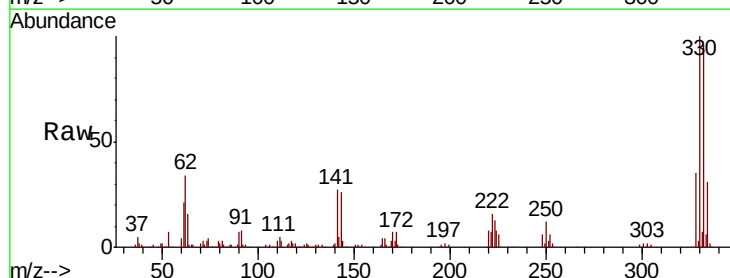
Tgt Ion: 330 Resp: 311497

Ion Ratio Lower Upper

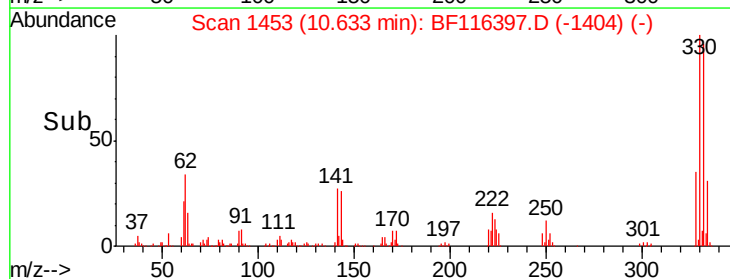
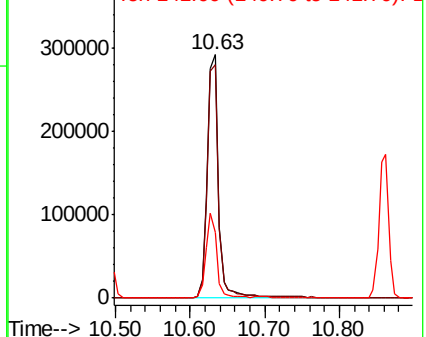
330 100

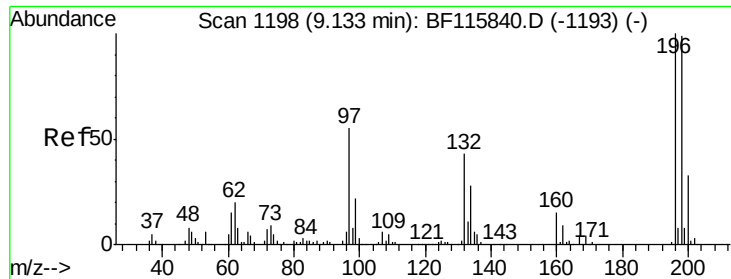
332 96.8 76.8 115.2

141 33.2 26.3 39.5



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

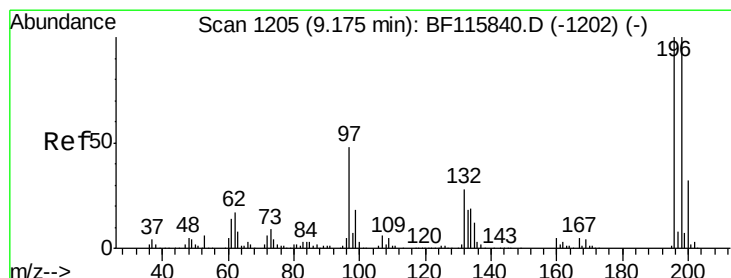
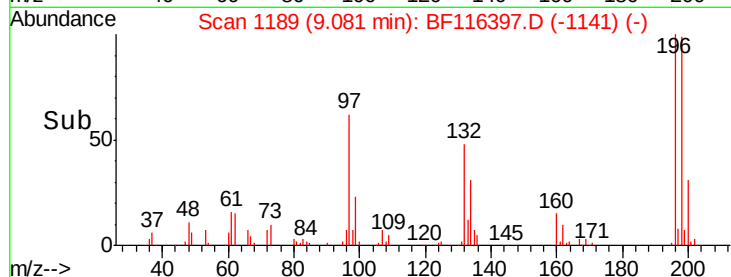
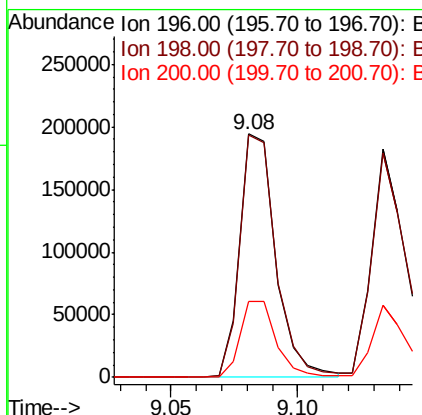
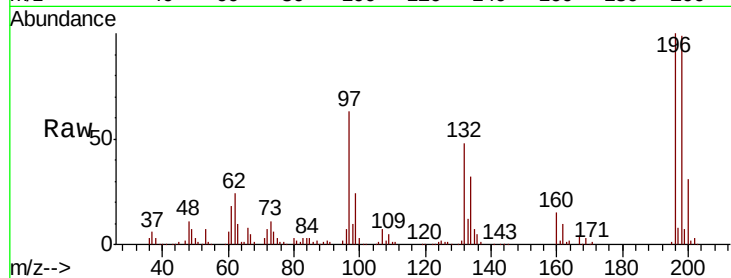




#43
 2,4,6-Trichlorophenol
 Concen: 49.735 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

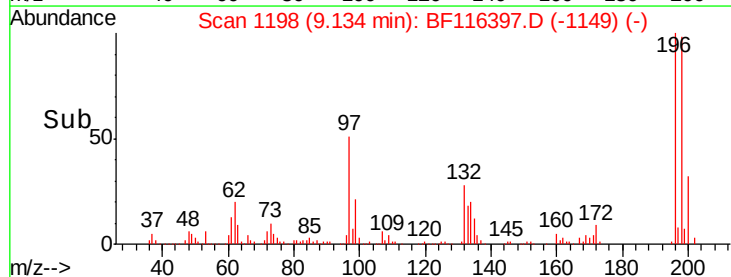
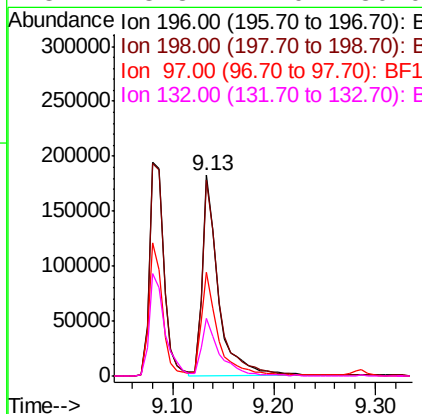
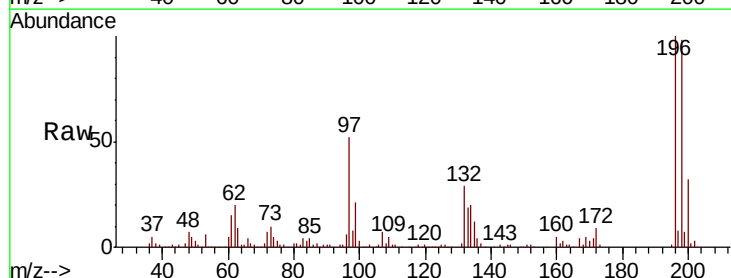
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

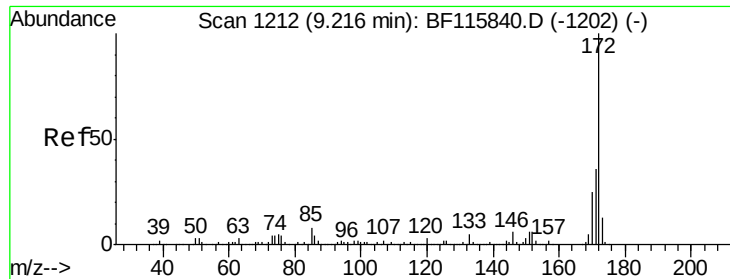
Tgt Ion:	196	Resp:	192306
Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.2	118.8
200	31.2	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.488 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:	196	Resp:	201799
Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.8	118.2
97	51.8	42.2	63.4
132	28.8	24.0	36.0

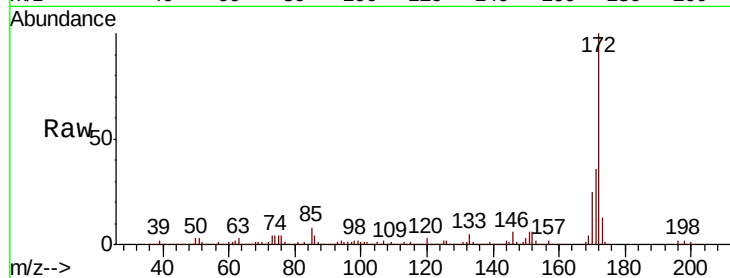




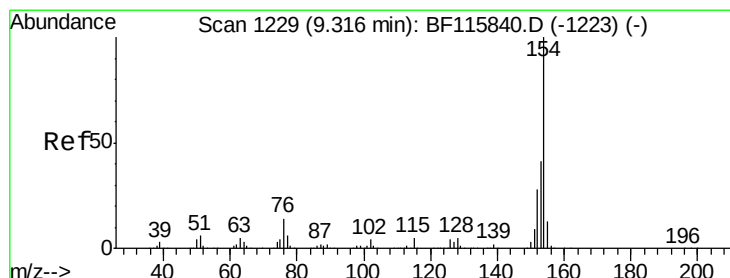
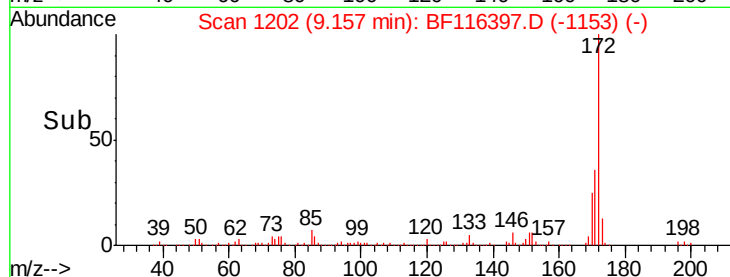
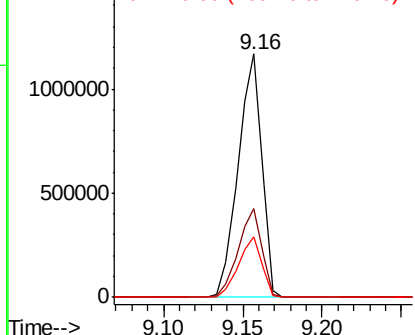
#45
2-Fluorobiphenyl
Concen: 106.949 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion:172 Resp: 1199786
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.9 20.1 30.1

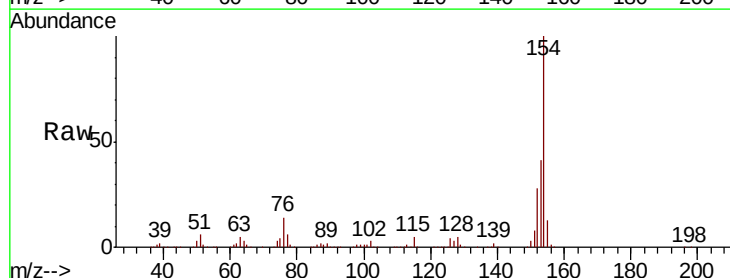


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

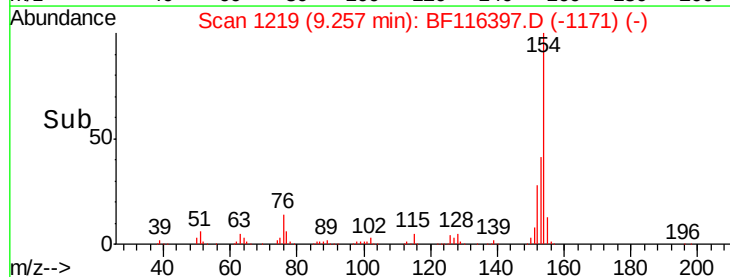
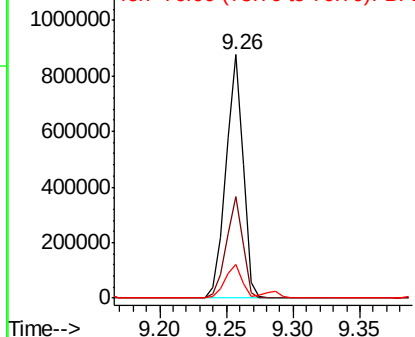


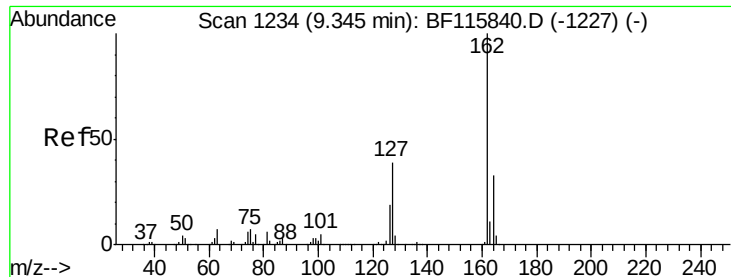
#46
1,1'-Biphenyl
Concen: 53.941 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:154 Resp: 800208
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 14.0 0.0 35.2



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

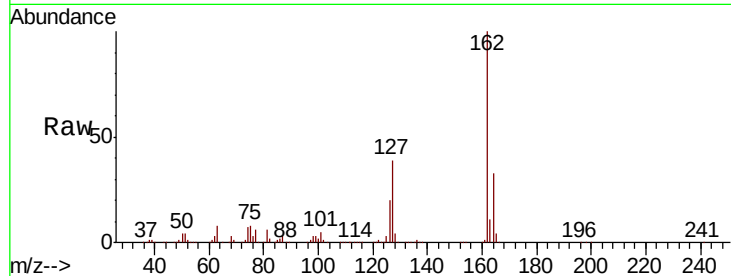




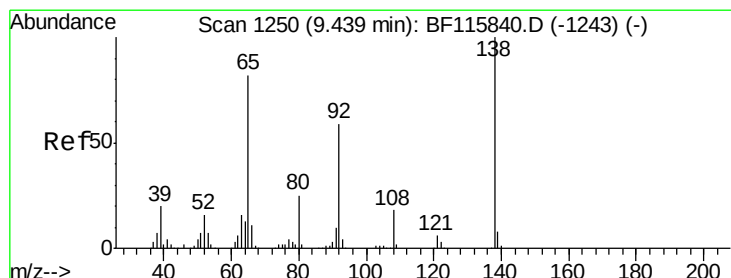
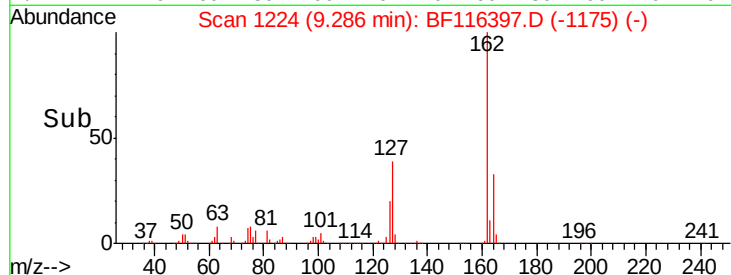
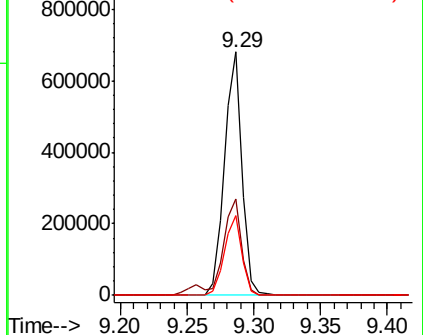
#47
2-Chloronaphthalene
Concen: 51.067 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.8	49.2
164	32.9	26.6	39.8

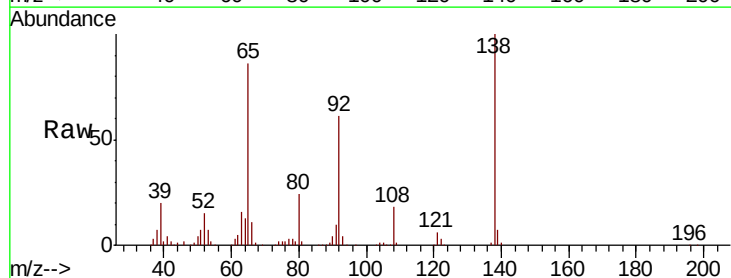


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

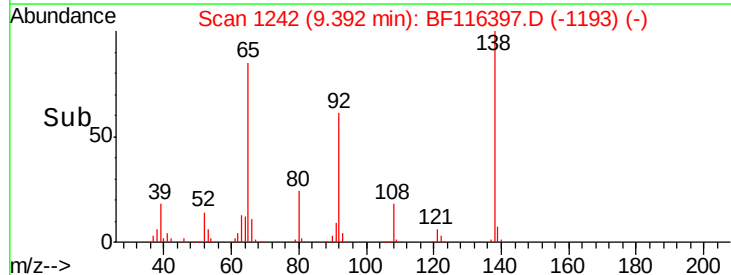
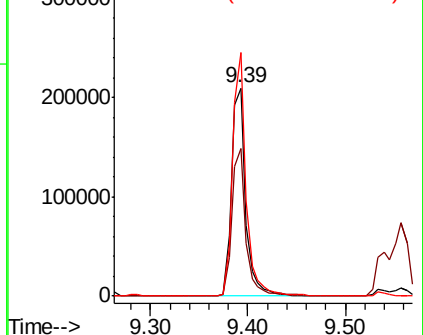


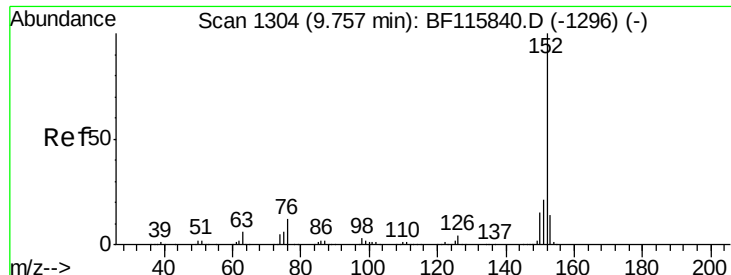
#48
2-Nitroaniline
Concen: 52.123 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.8
138	116.9	94.0	141.0



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





#49

Acenaphthylene

Concen: 53.557 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

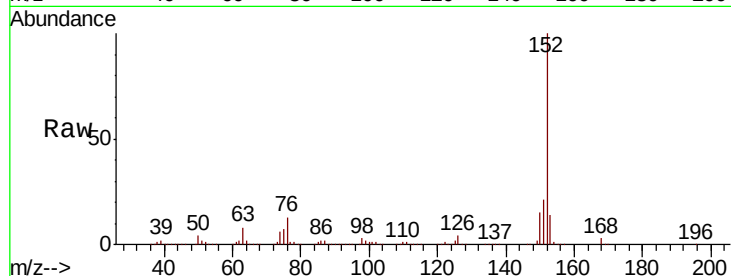
Tgt Ion:152 Resp: 964729

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

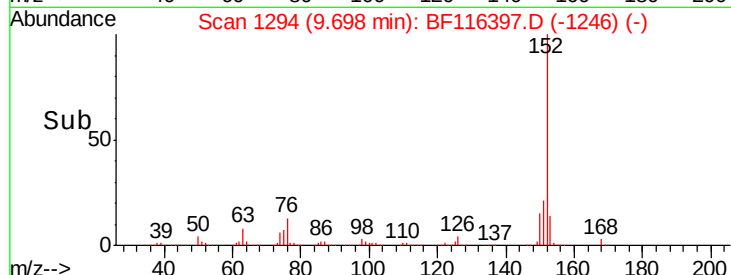
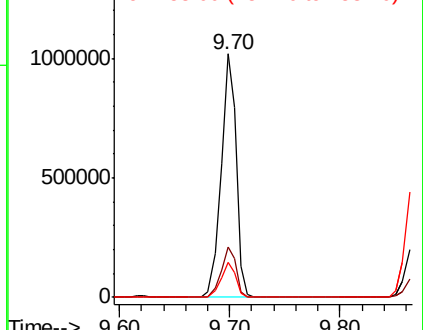
153 14.2 11.8 17.8



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: 55.342 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

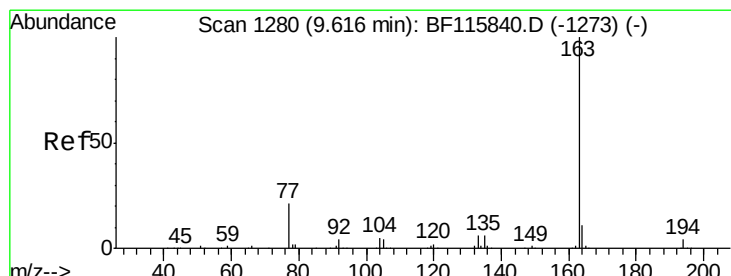
Tgt Ion:163 Resp: 791798

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

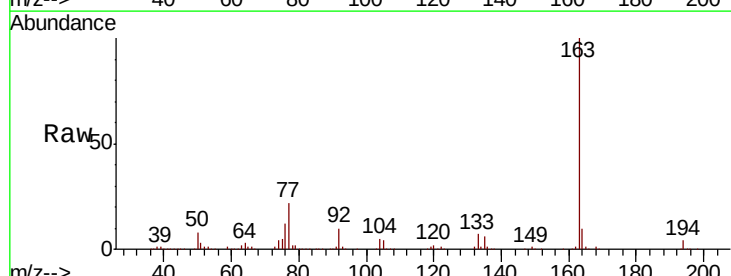
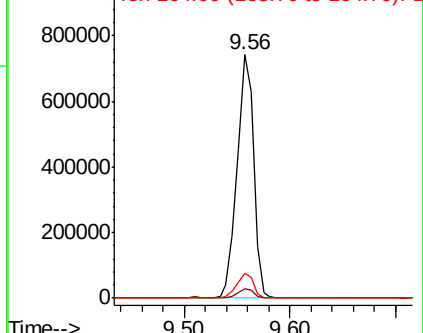
164 10.4 8.4 12.6

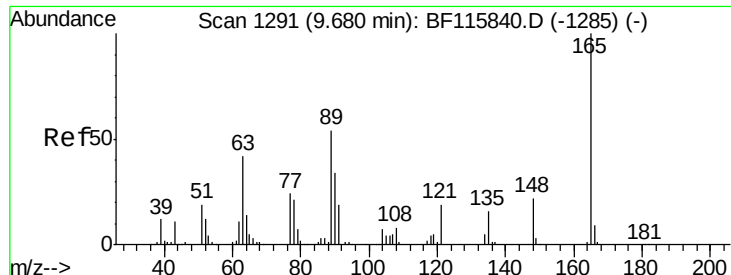


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 55.130 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

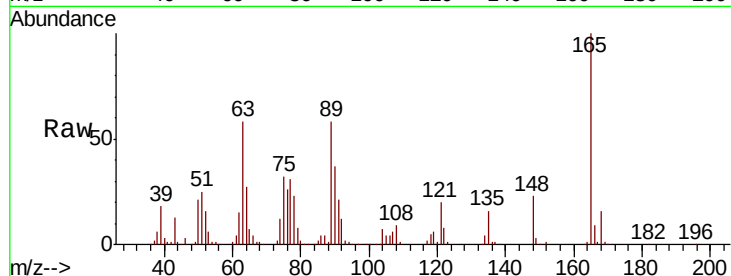
Tgt Ion:165 Resp: 171413

Ion Ratio Lower Upper

165 100

63 57.7 38.2 57.2#

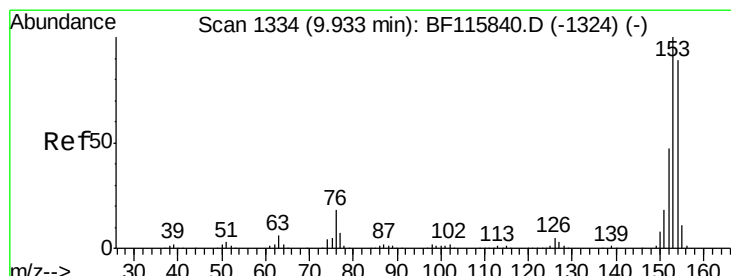
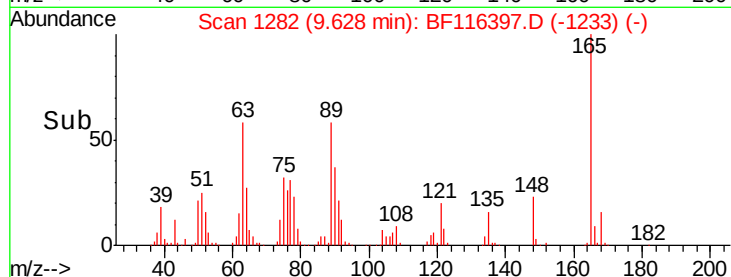
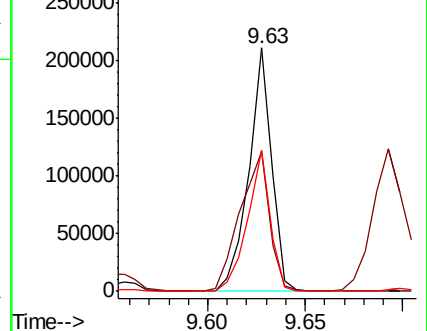
89 57.9 42.9 64.3



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: 53.400 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

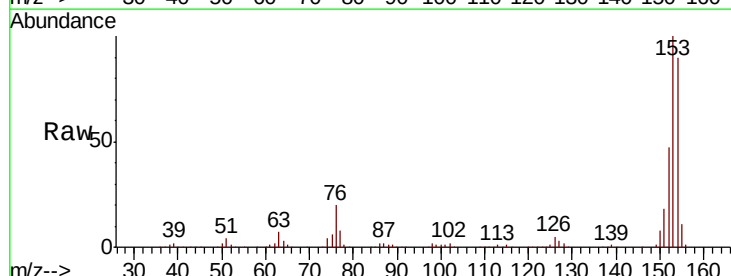
Tgt Ion:154 Resp: 590120

Ion Ratio Lower Upper

154 100

153 111.7 89.4 134.0

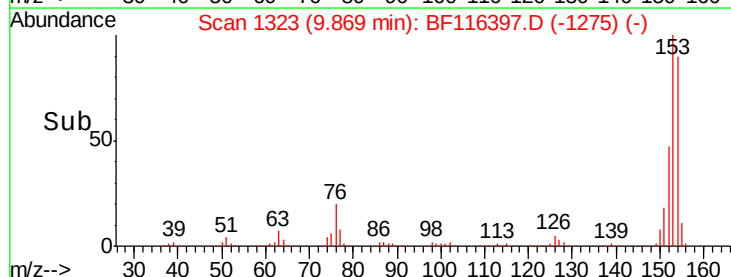
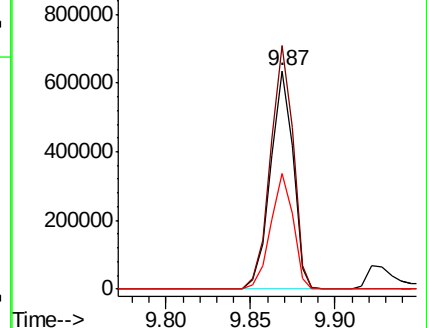
152 52.7 42.3 63.5

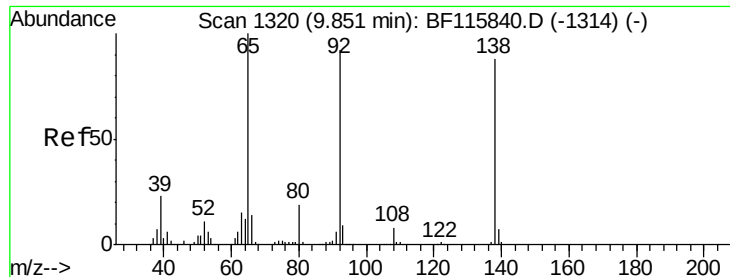


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

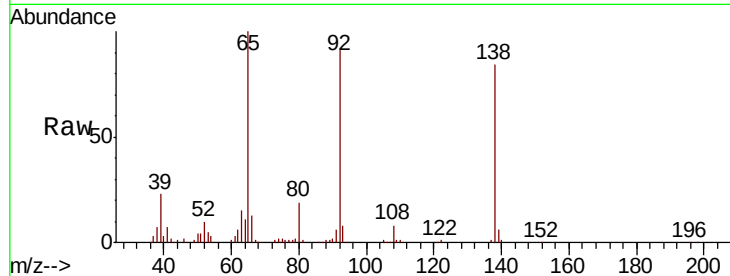




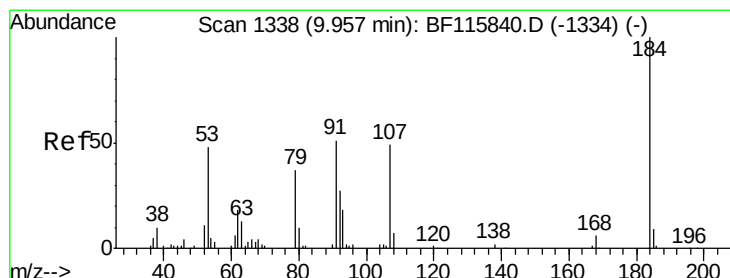
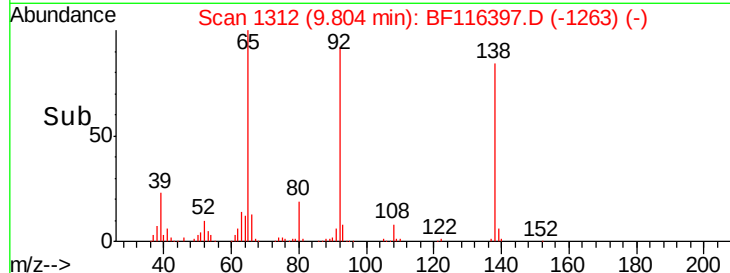
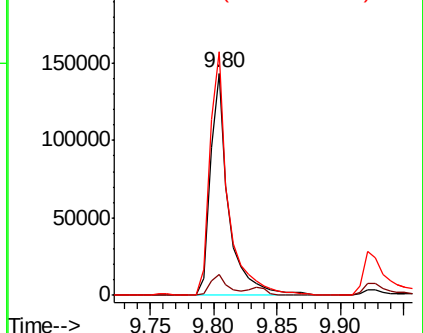
#53
 3-Nitroaniline
 Concen: 37.425 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

Tgt Ion:138 Resp: 143783
 Ion Ratio Lower Upper
 138 100
 108 9.4 8.0 12.0
 92 109.4 91.0 136.6

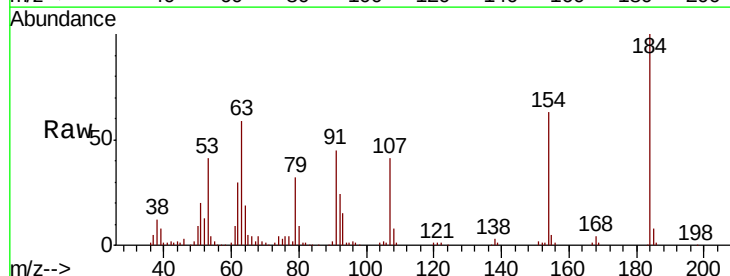


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

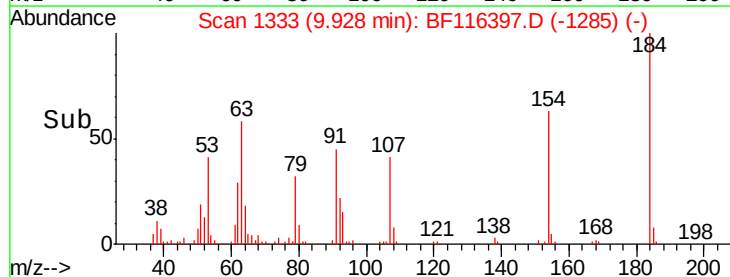
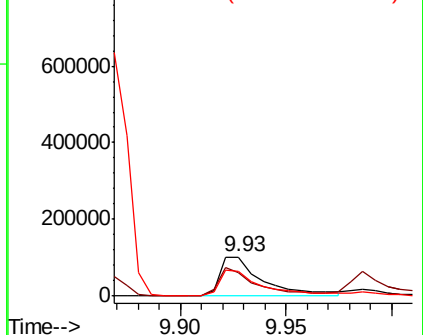


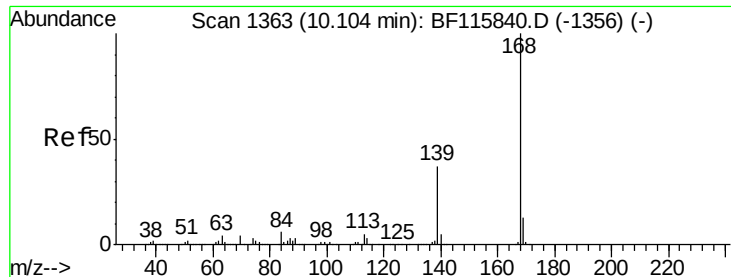
#54
 2,4-Dinitrophenol
 Concen: 90.056 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:184 Resp: 144136
 Ion Ratio Lower Upper
 184 100
 63 59.4 53.0 79.4
 154 62.6 50.1 75.1



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

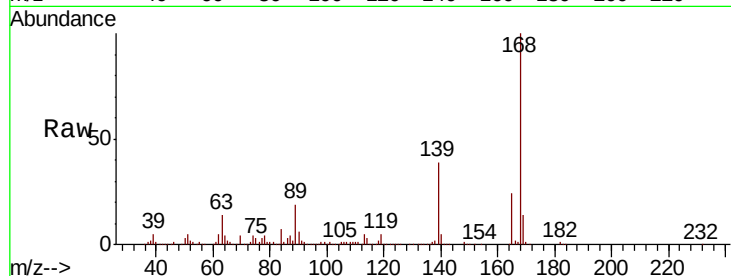




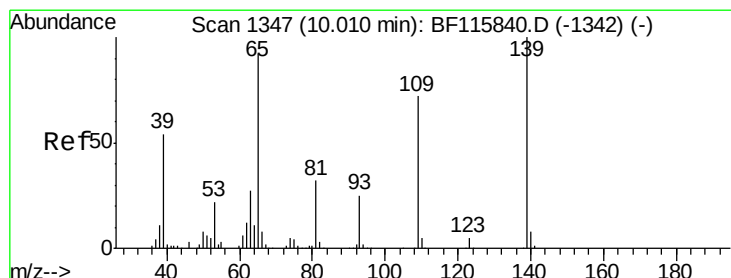
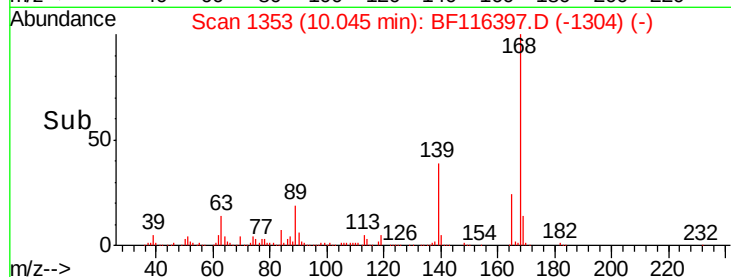
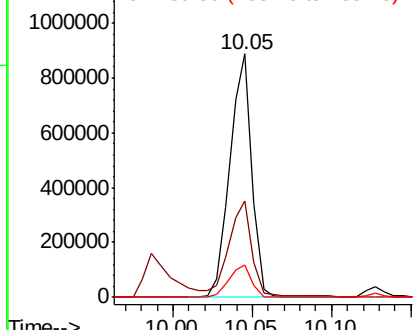
#55
Dibenzofuran
Concen: 52.419 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion:168 Resp: 842412
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.2
169 13.5 10.9 16.3

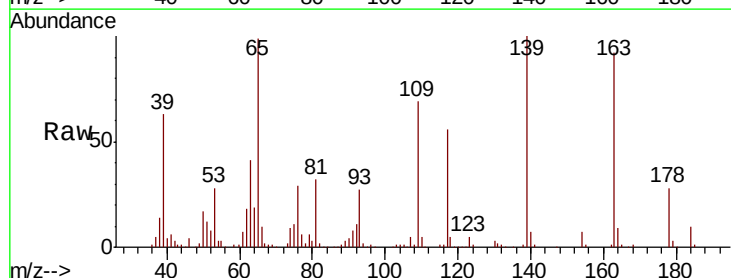


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

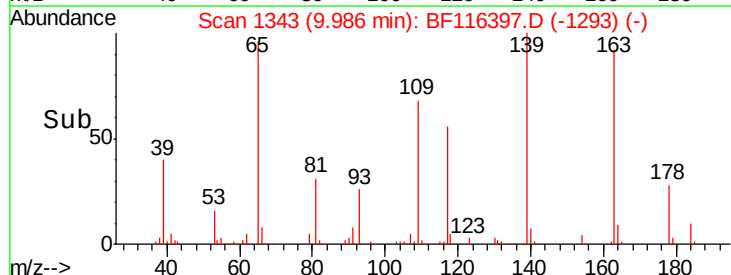
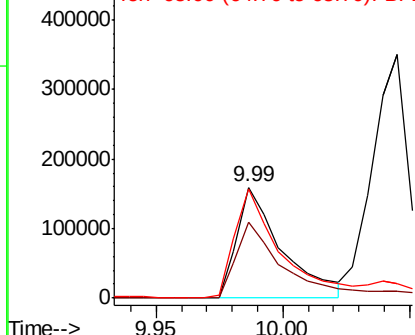


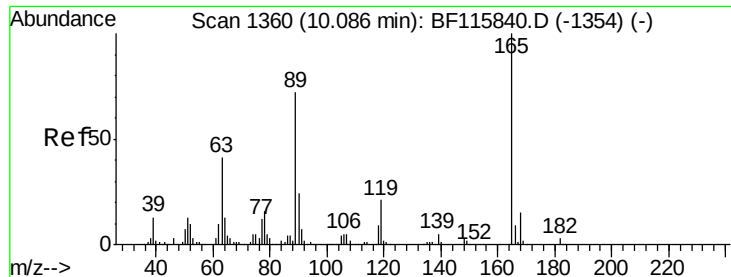
#56
4-Nitrophenol
Concen: 80.021 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:139 Resp: 196939
Ion Ratio Lower Upper
139 100
109 68.9 54.4 94.4
65 98.9 80.6 120.6



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: 53.137 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

Tgt Ion:165 Resp: 219970

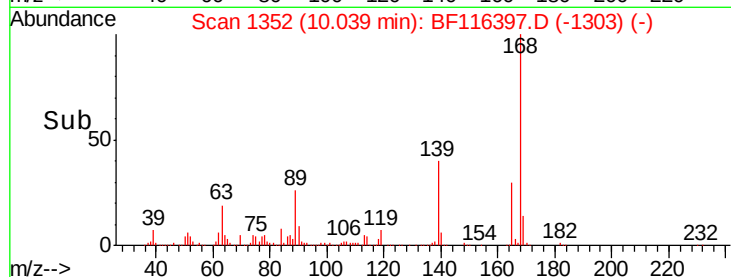
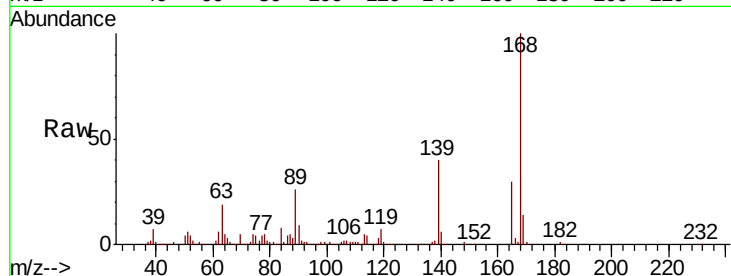
Ion Ratio Lower Upper

165 100

63 62.6 39.6 59.4#

89 87.1 62.2 93.2

182 2.7 2.1 3.1

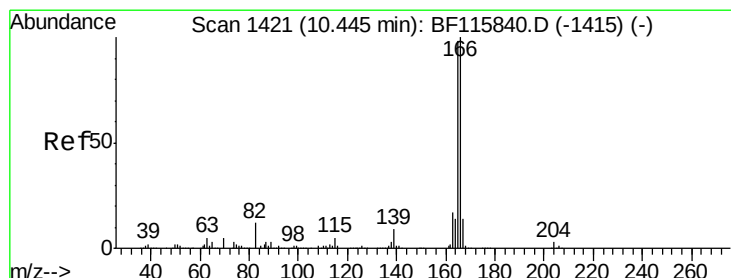
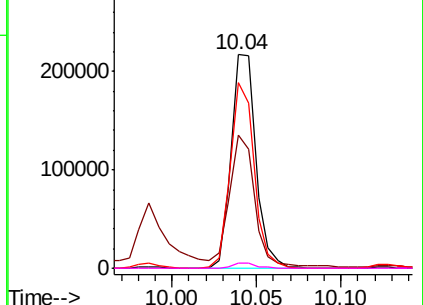


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 56.624 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

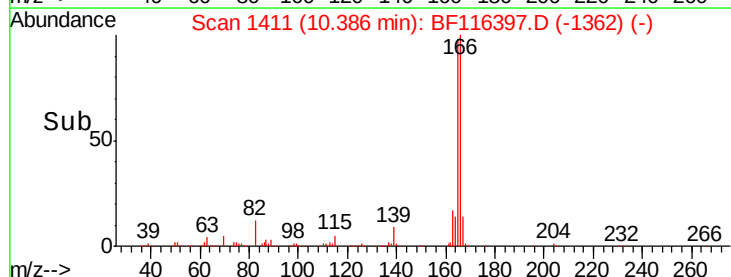
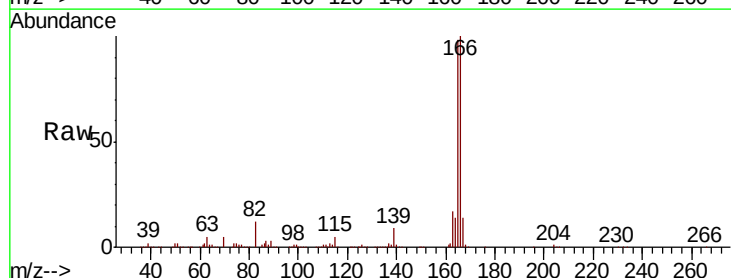
Tgt Ion:166 Resp: 700123

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

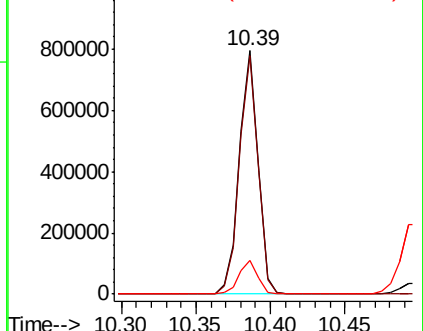
167 13.6 11.0 16.4

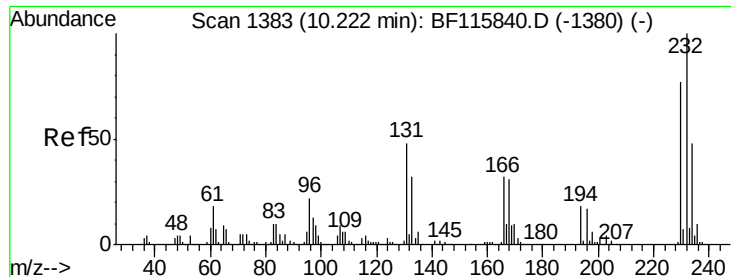


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

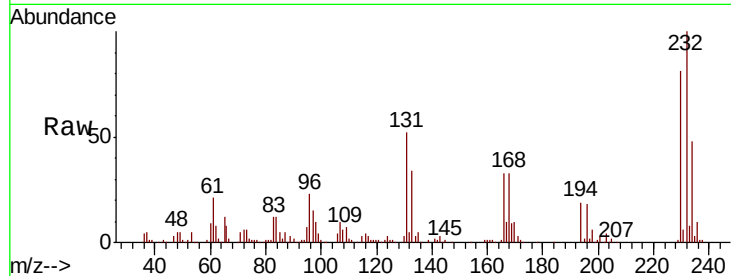




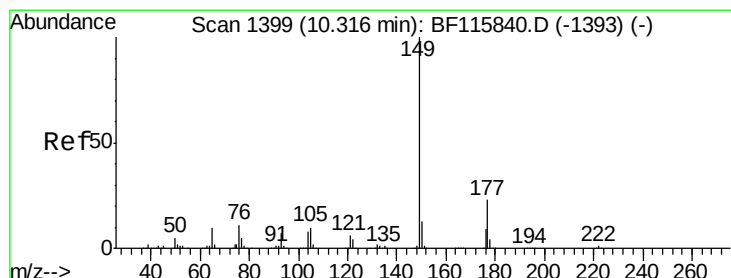
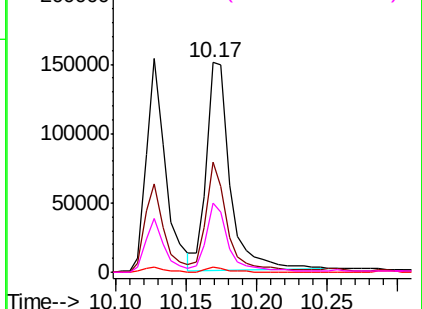
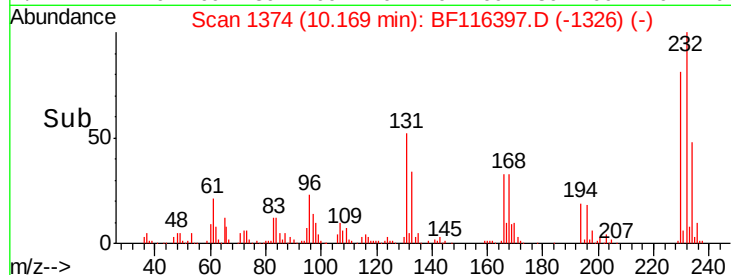
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.685 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

Tgt Ion: 232 Resp: 177163
 Ion Ratio Lower Upper
 232 100
 131 45.0 36.2 54.2
 130 2.5 1.9 2.9
 166 30.0 23.0 34.4

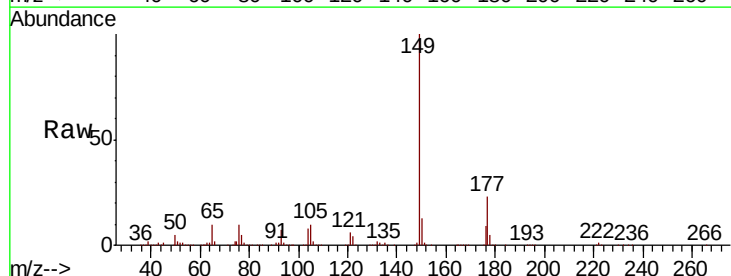


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

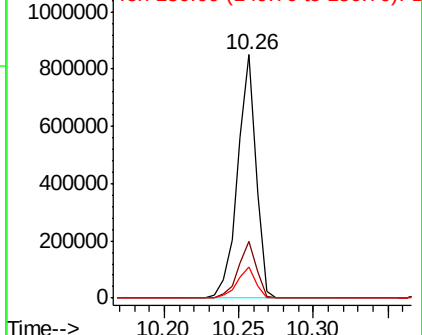
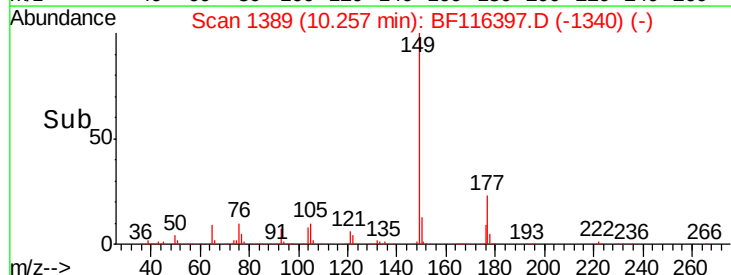


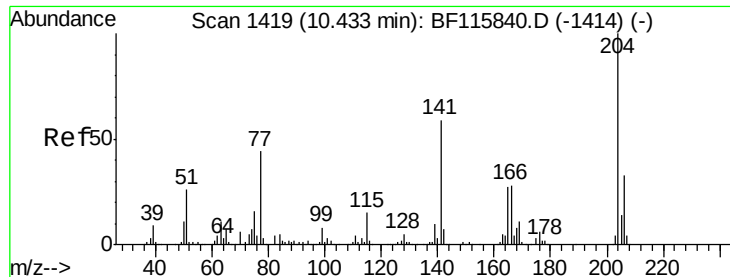
#60
 Diethylphthalate
 Concen: 55.232 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion: 149 Resp: 737774
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.8 28.2
 150 12.9 10.2 15.4



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

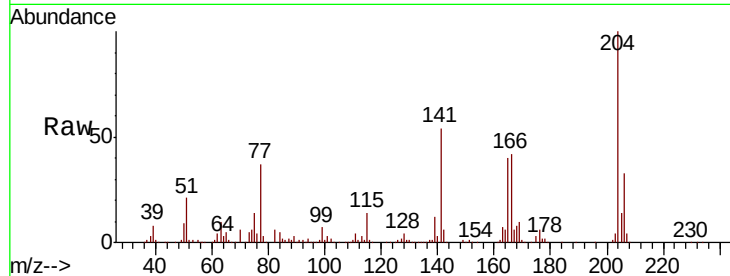




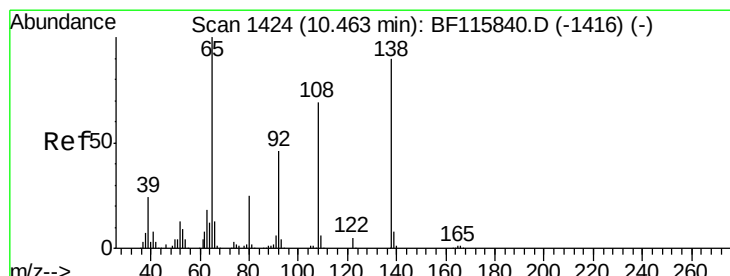
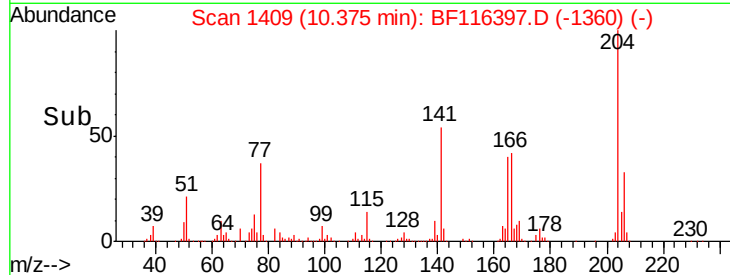
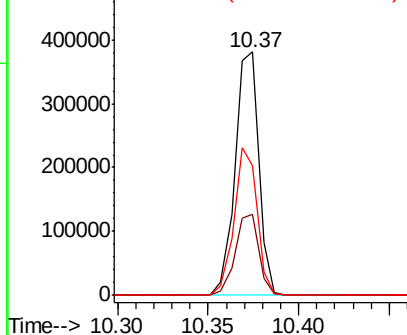
#61
4-Chlorophenyl-phenylether
Concen: 55.644 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion:204 Resp: 348445
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 53.5 46.4 69.6

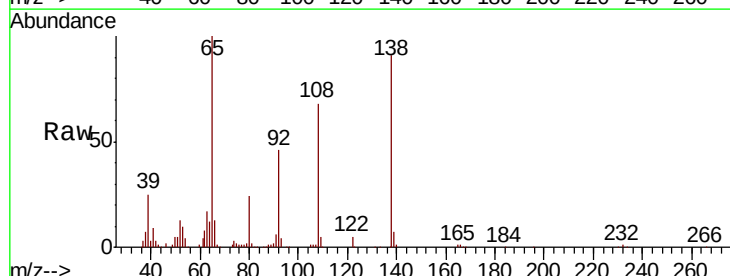


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

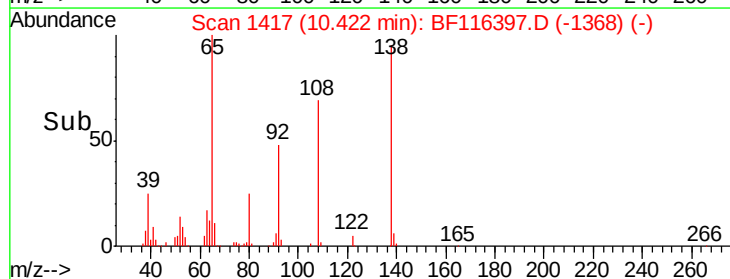
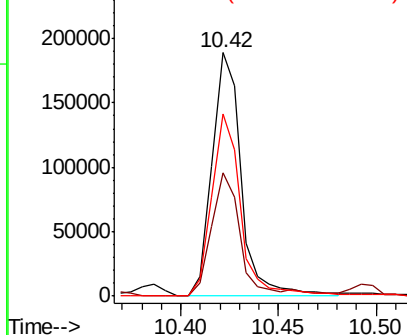


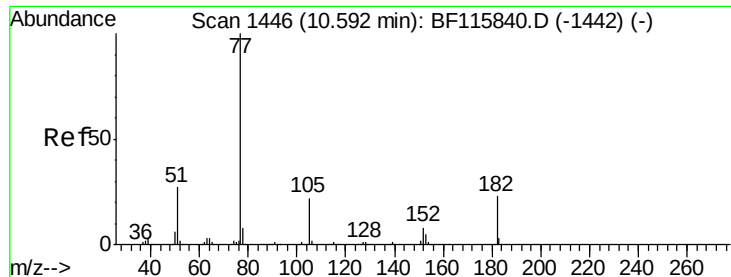
#62
4-Nitroaniline
Concen: 49.523 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:138 Resp: 196622
Ion Ratio Lower Upper
138 100
92 50.6 29.0 69.0
108 74.6 54.7 94.7



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





#63

Azobenzene

Concen: 56.006 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

Tgt Ion: 77 Resp: 769482

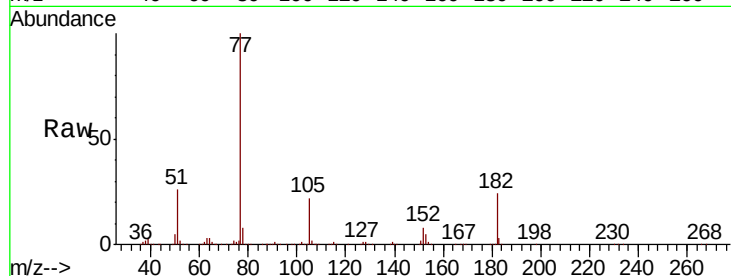
Ion Ratio Lower Upper

77 100

182 23.6 4.0 44.0

105 22.1 2.0 42.0

51 26.2 7.5 47.5

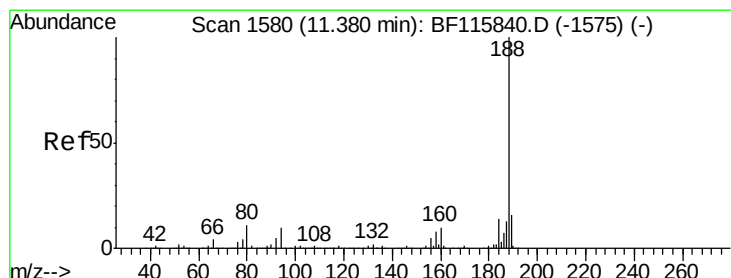
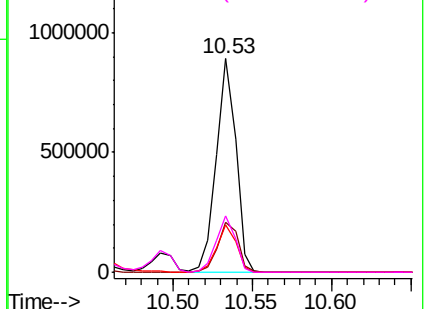
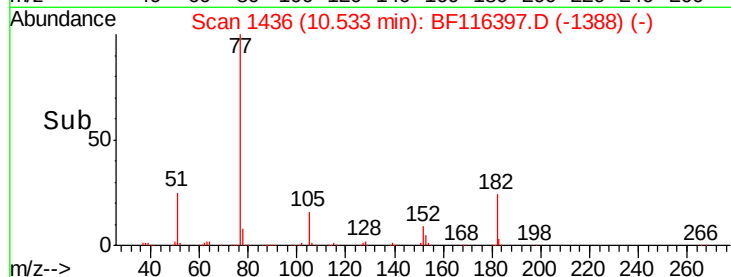


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

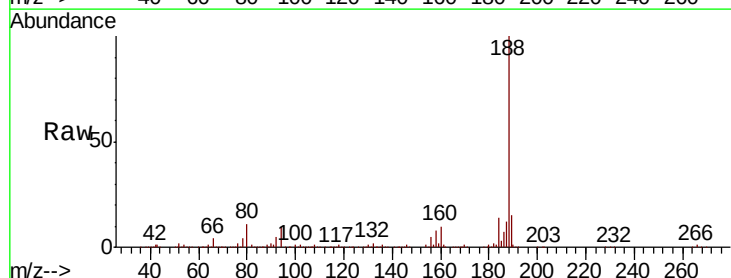
Tgt Ion: 188 Resp: 394941

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

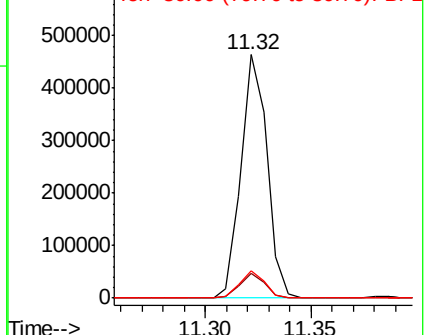
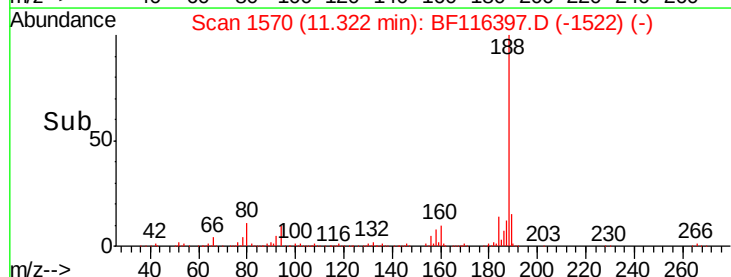
80 11.0 8.7 13.1

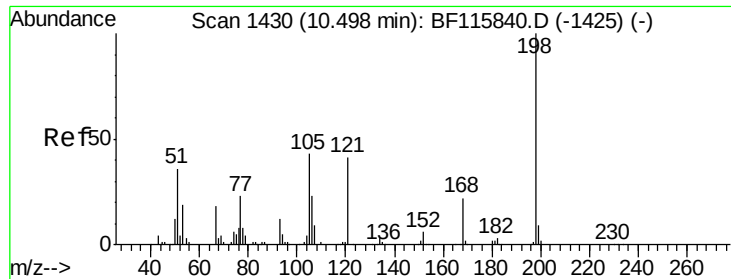


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.363 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

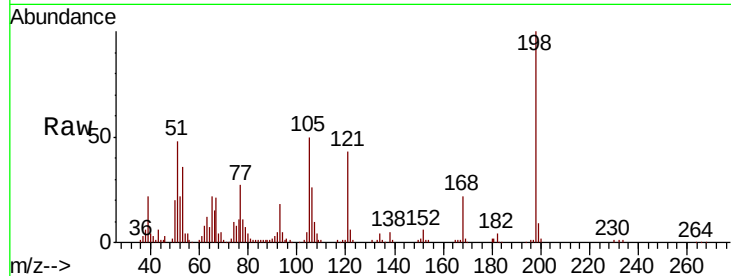
Tgt Ion:198 Resp: 115870

Ion Ratio Lower Upper

198 100

51 47.8 17.0 57.0

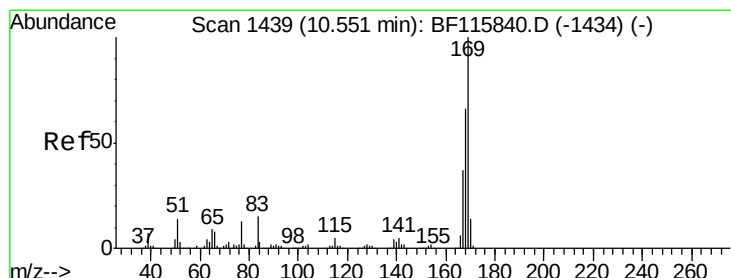
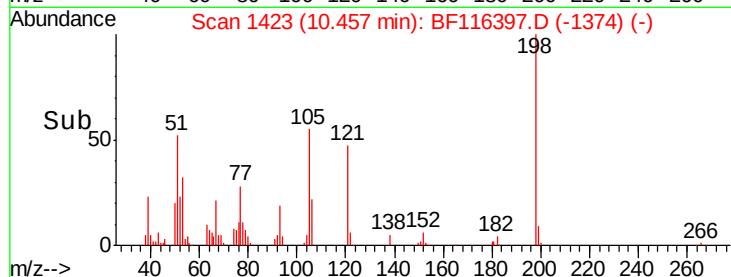
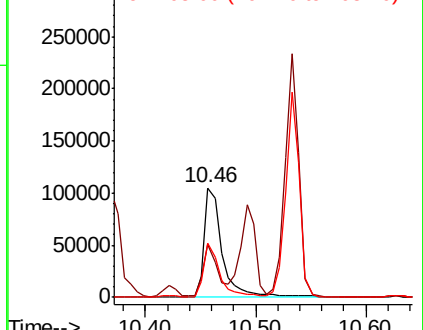
105 49.9 21.6 61.6



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: 53.467 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

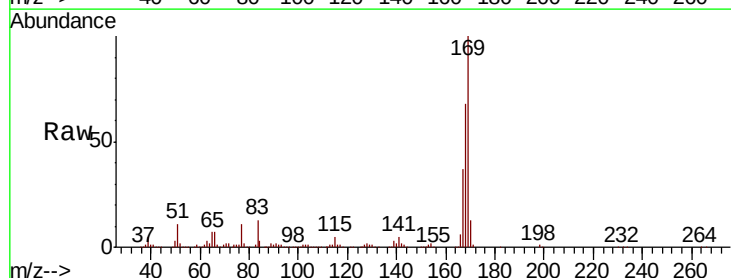
Tgt Ion:169 Resp: 635577

Ion Ratio Lower Upper

169 100

168 67.9 53.8 80.6

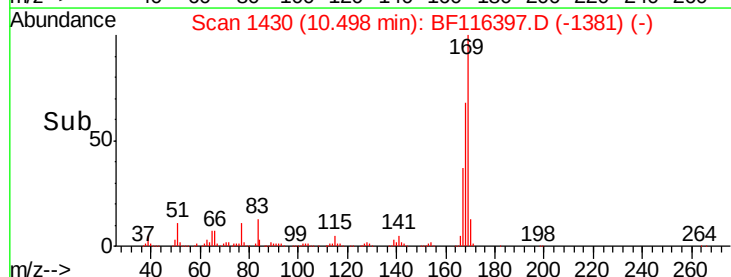
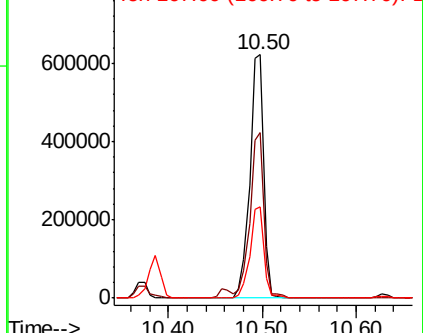
167 37.2 29.6 44.4

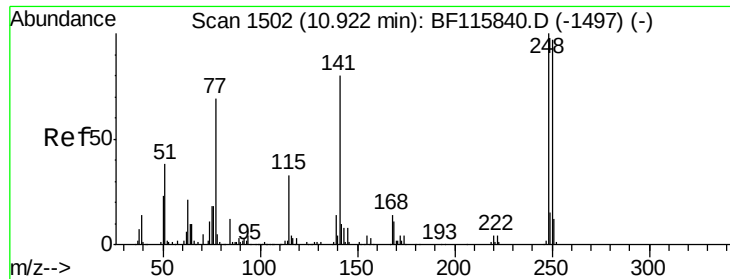


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

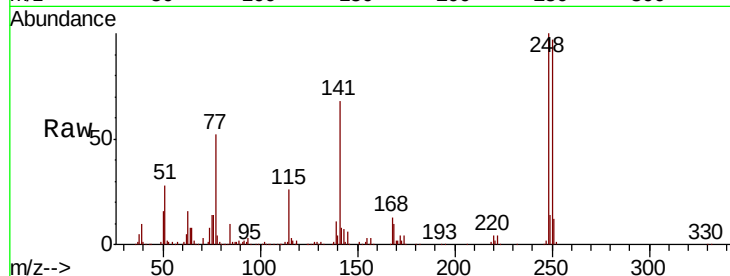




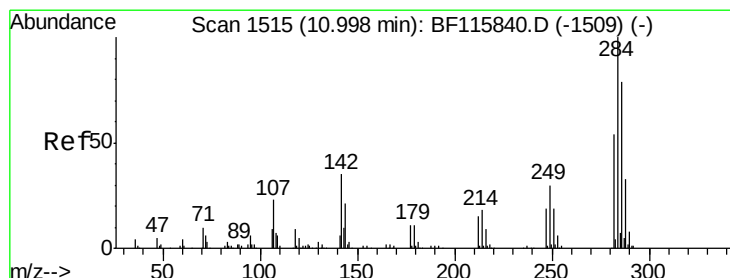
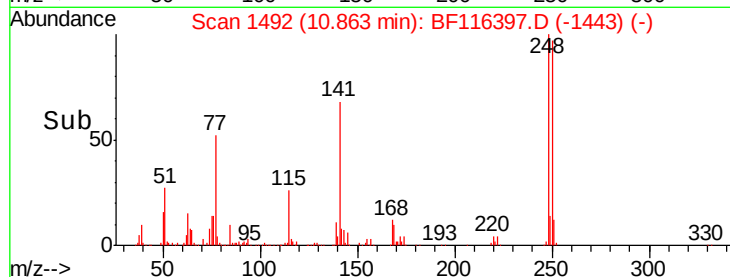
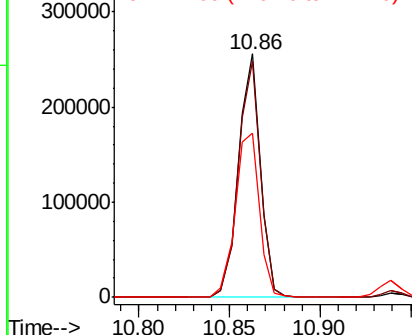
#67
4-Bromophenyl-phenylether
Concen: 51.068 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.4	116.2
141	67.6	56.8	85.2

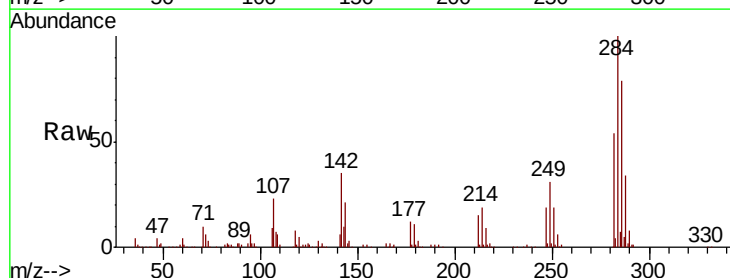


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

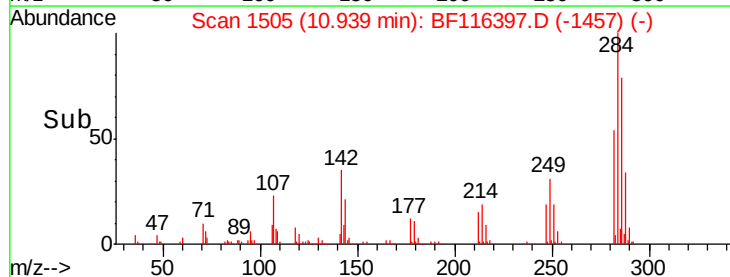
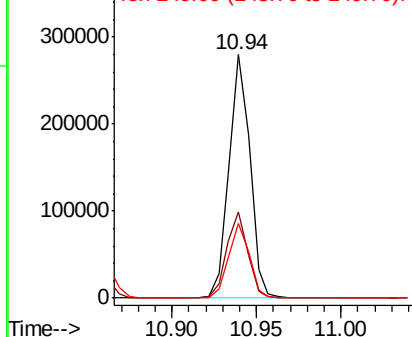


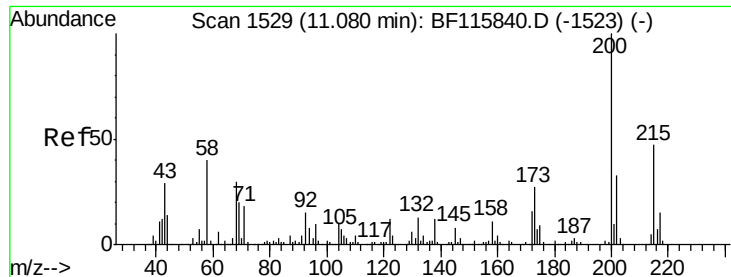
#68
Hexachlorobenzene
Concen: 49.195 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.4	42.6
249	30.6	24.5	36.7



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





#69

Atrazine

Concen: 52.227 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

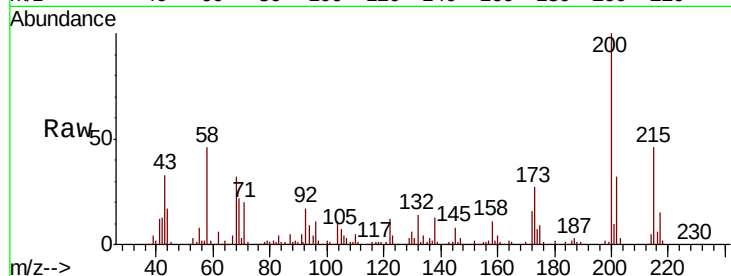
Tgt Ion:200 Resp: 204246

Ion Ratio Lower Upper

200 100

173 27.0 6.8 46.8

215 46.4 27.5 67.5

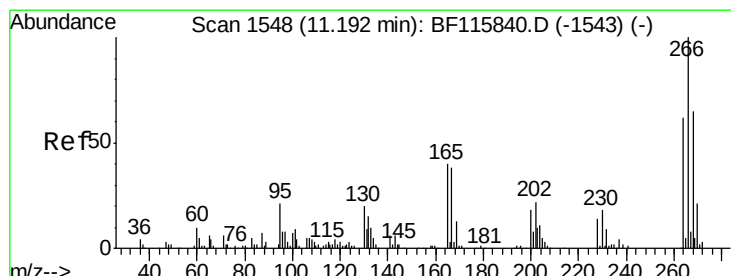
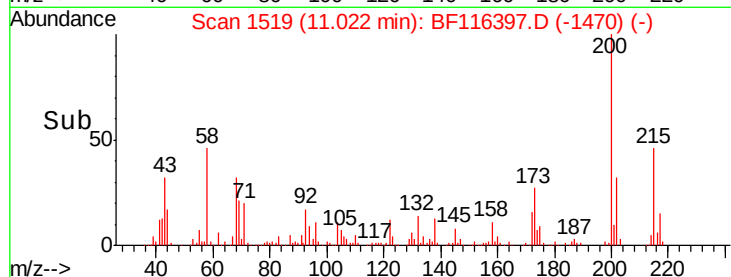
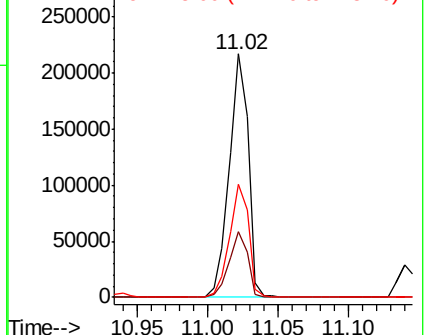


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.857 ng

RT: 11.14 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

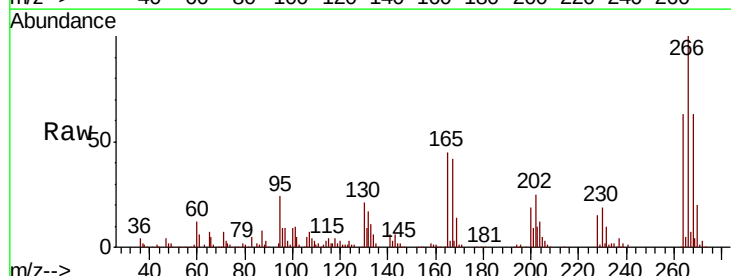
Tgt Ion:266 Resp: 203783

Ion Ratio Lower Upper

266 100

268 63.1 48.8 73.2

264 62.6 50.6 76.0

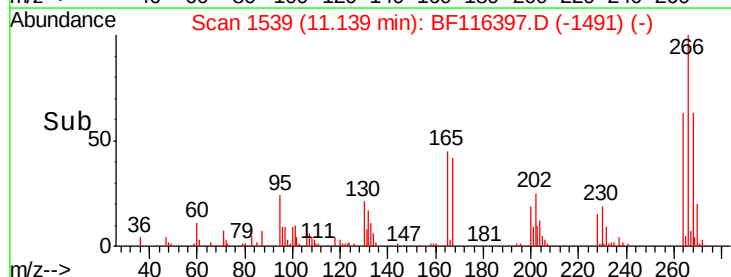
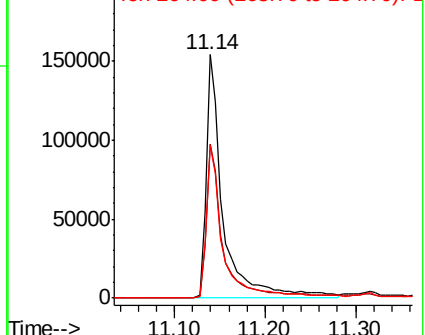


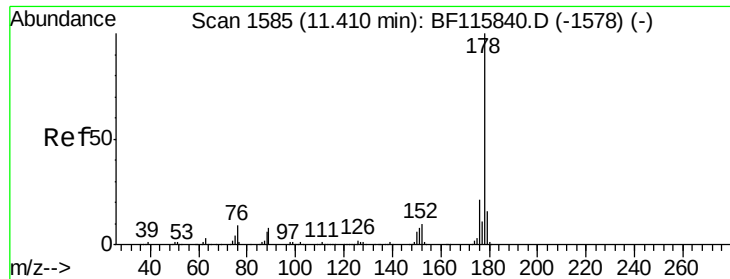
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.118 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

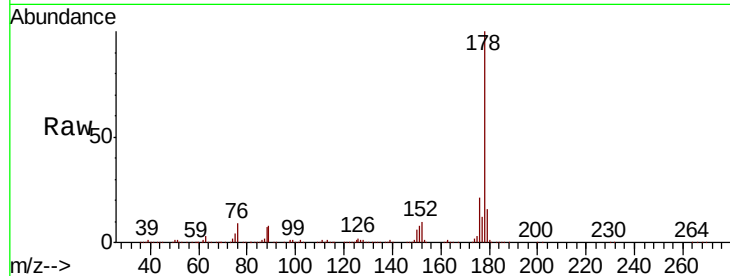
Tgt Ion:178 Resp: 1072462

Ion Ratio Lower Upper

178 100

176 20.6 16.6 24.8

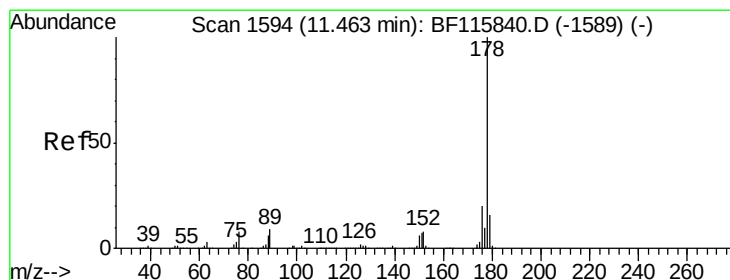
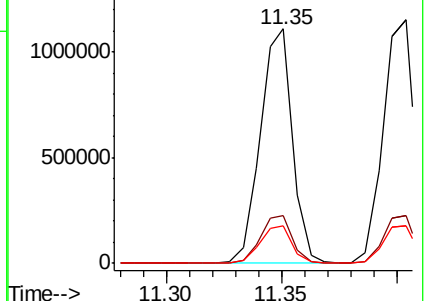
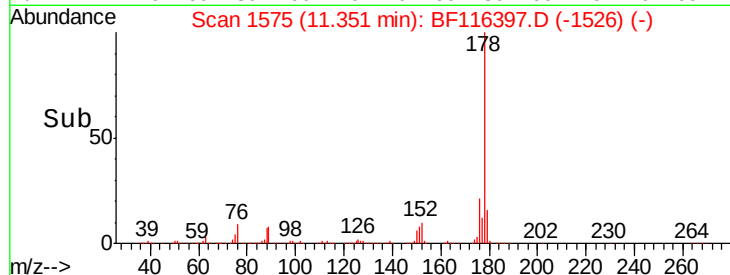
179 15.8 12.5 18.7



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: 55.229 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

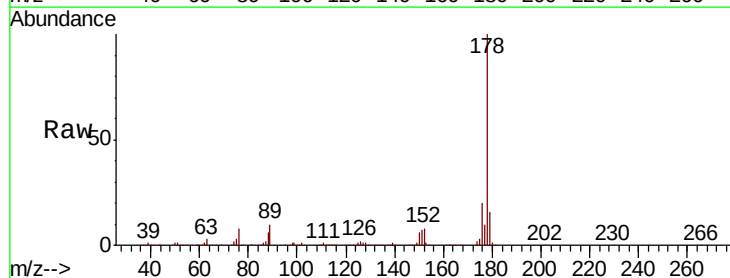
Tgt Ion:178 Resp: 1128518

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

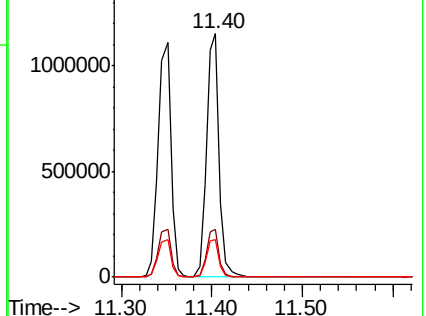
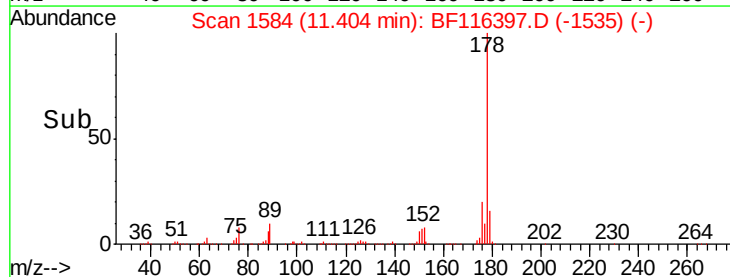
179 15.6 13.0 19.6

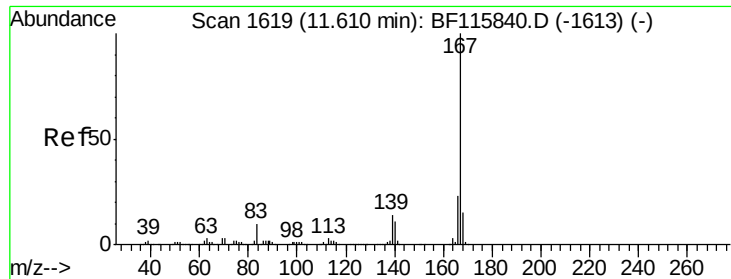


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

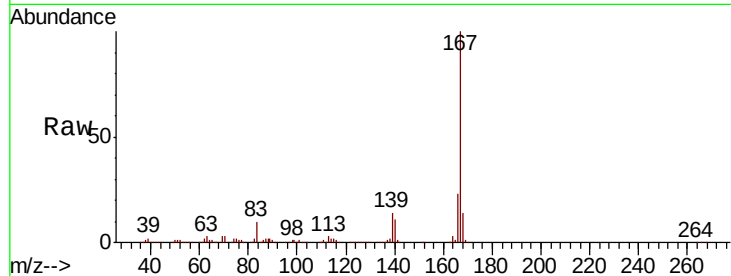




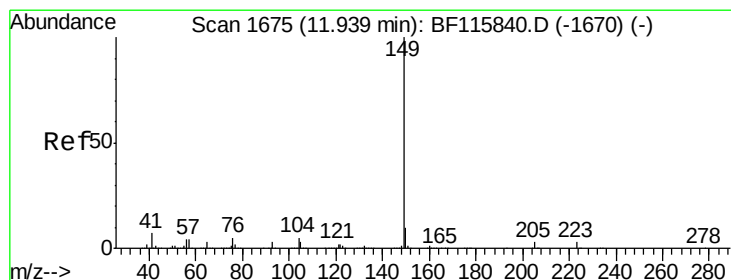
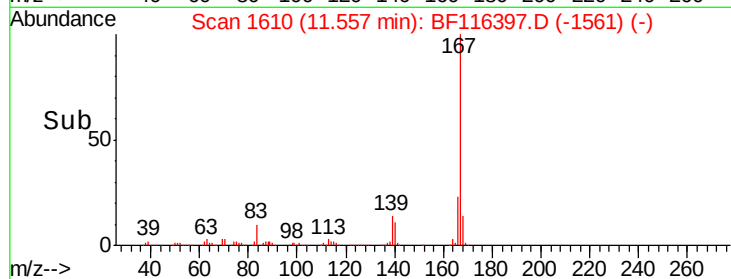
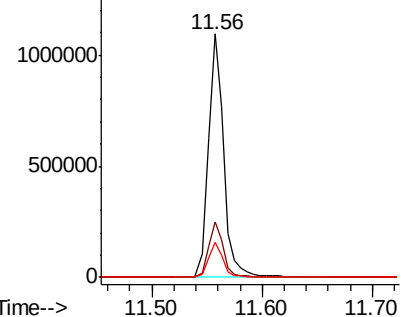
#73
 Carbazole
 Concen: 56.841 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519MS

Tgt Ion:167 Resp: 1053732
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 14.3 11.4 17.0

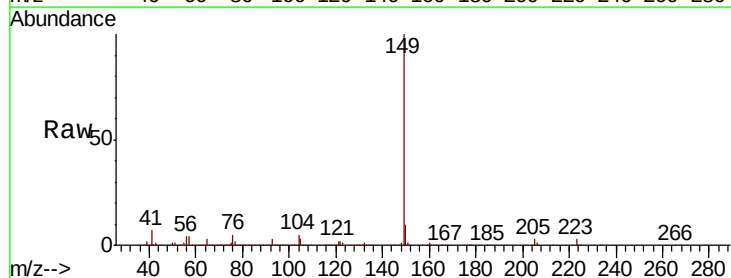


Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

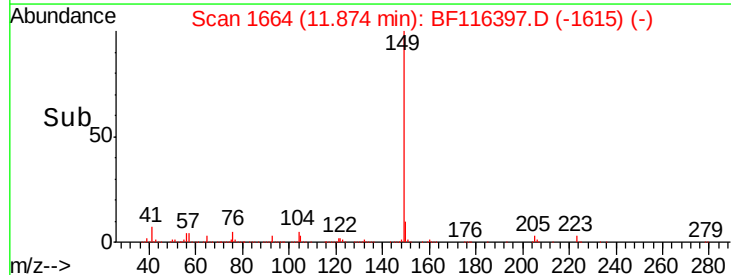
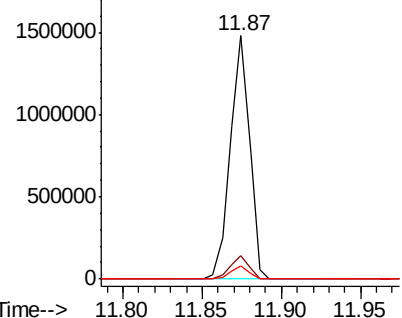


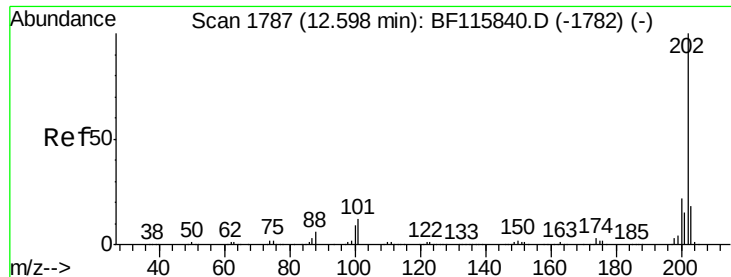
#74
 Di-n-butylphthalate
 Concen: 57.636 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116397.D
 Acq: 19 Aug 2019 19:39

Tgt Ion:149 Resp: 1246408
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.3 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 57.588 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

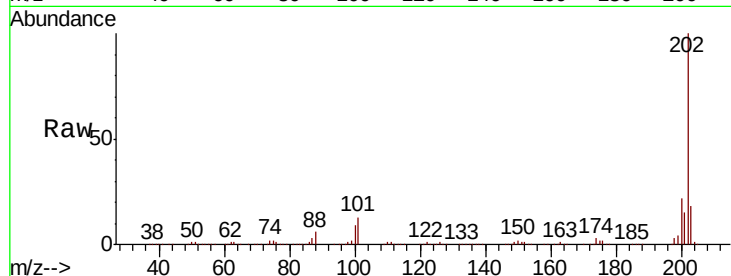
Tgt Ion:202 Resp: 1217242

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.2

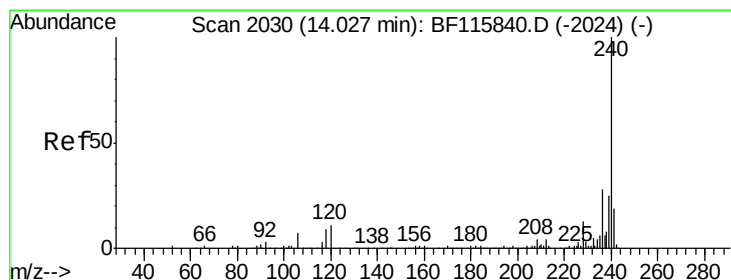
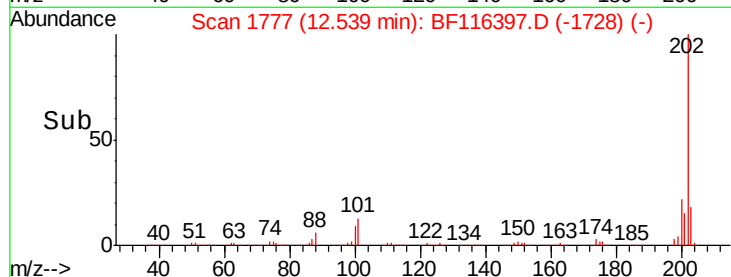
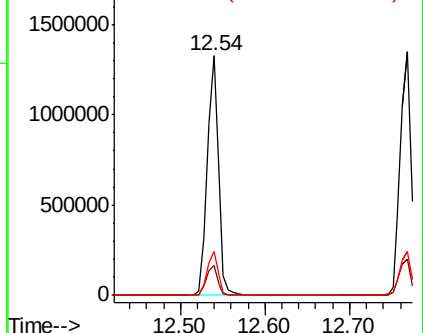
203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

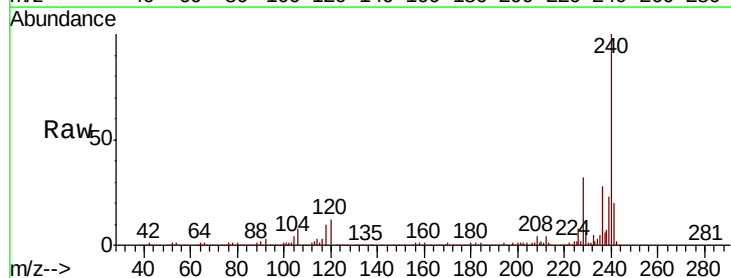
Tgt Ion:240 Resp: 347566

Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

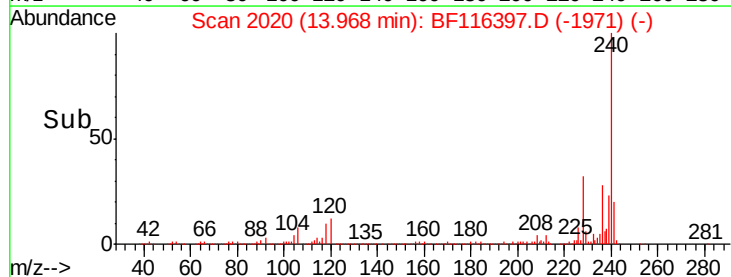
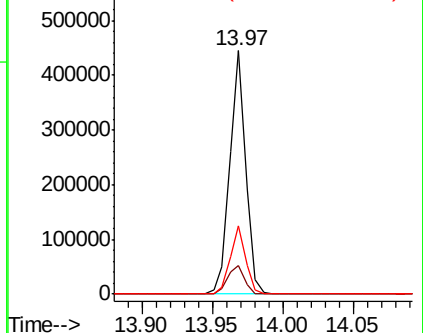
236 28.0 22.2 33.2

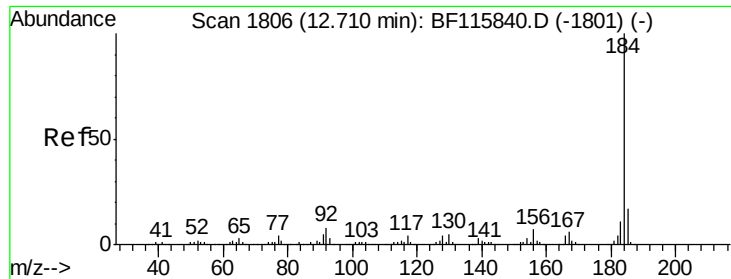


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

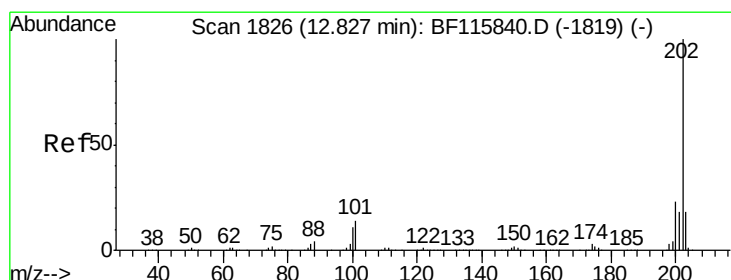
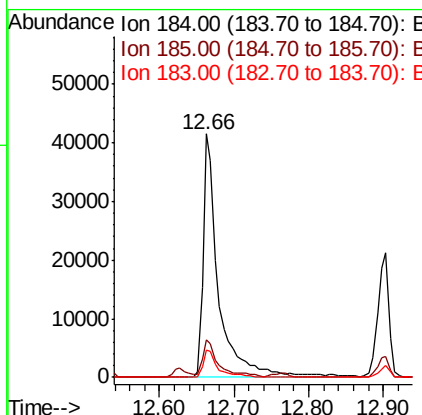
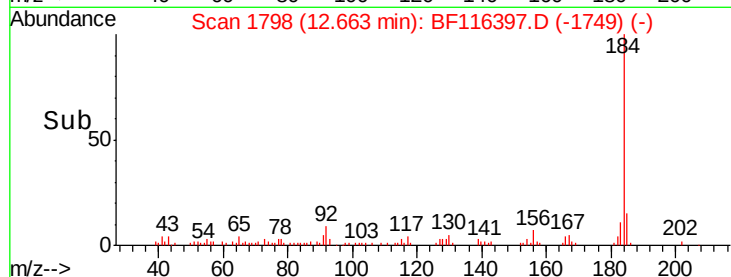
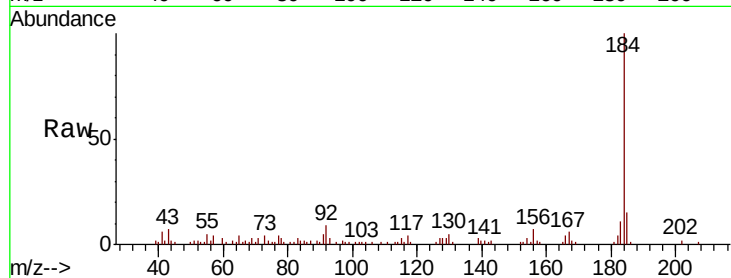




#77
Benzidine
Concen: 5.187 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

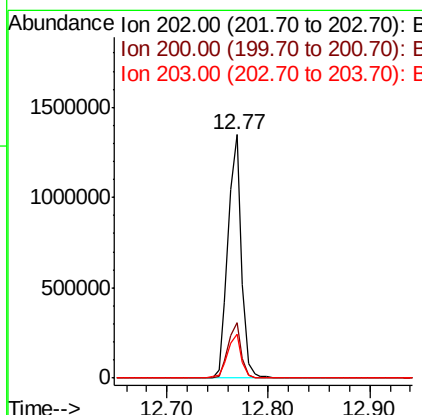
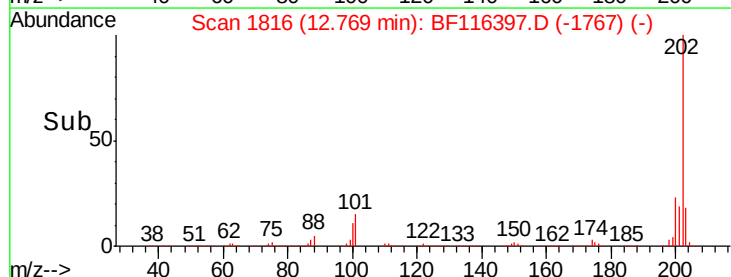
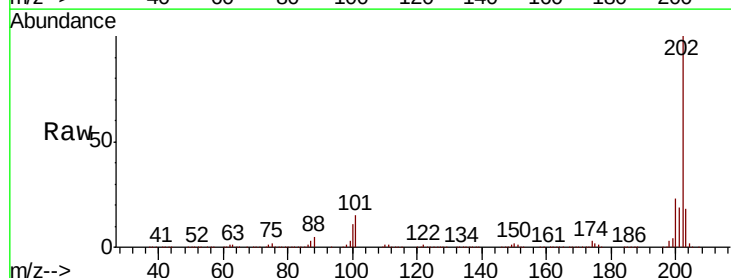
Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

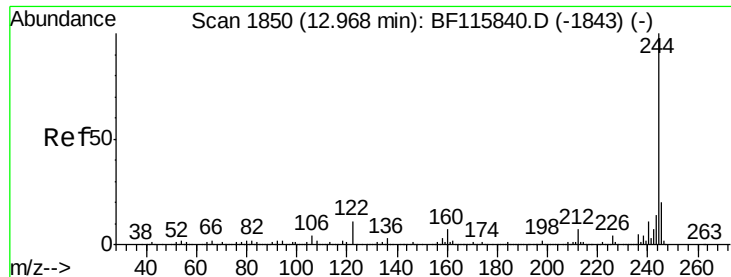
Tgt Ion:184 Resp: 60904
Ion Ratio Lower Upper
184 100
185 15.3 12.8 19.2
183 11.1 9.4 14.0



#78
Pyrene
Concen: 47.561 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:202 Resp: 1246111
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 96.960 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

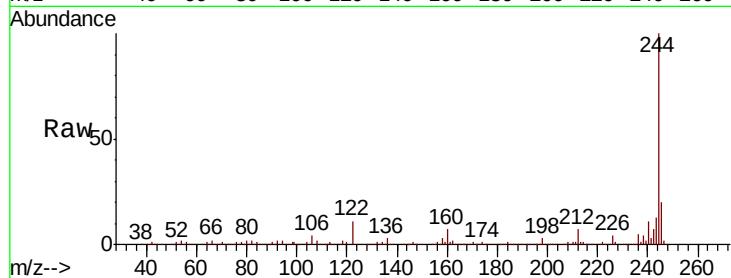
Tgt Ion:244 Resp: 1599301

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

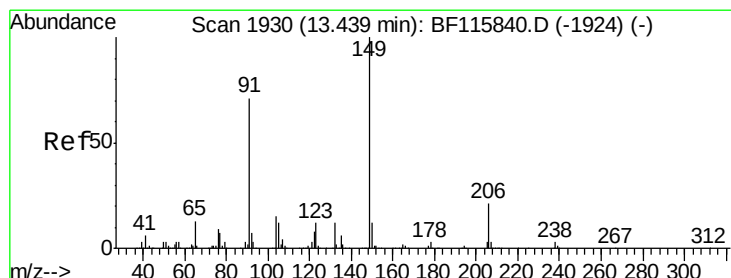
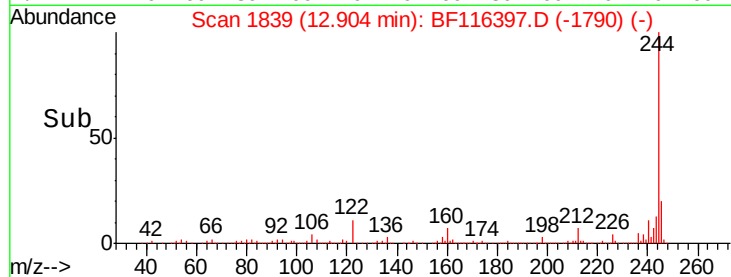
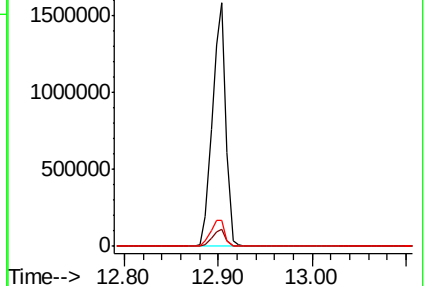
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.718 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

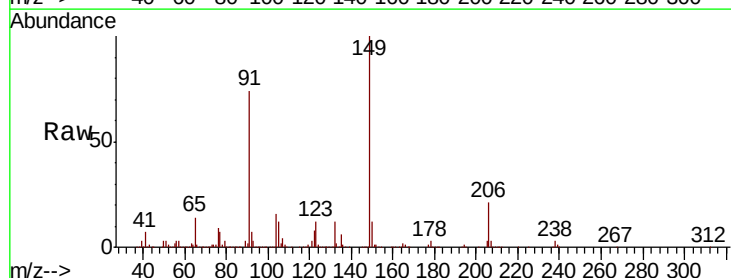
Tgt Ion:149 Resp: 595343

Ion Ratio Lower Upper

149 100

91 74.1 56.3 84.5

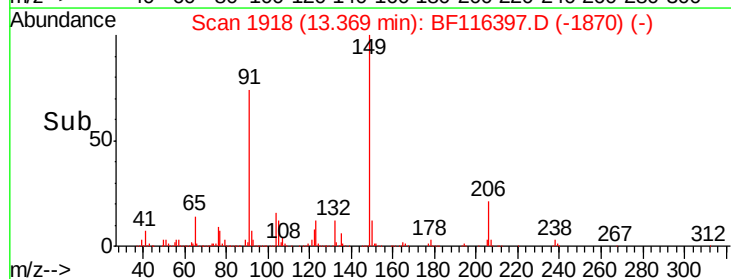
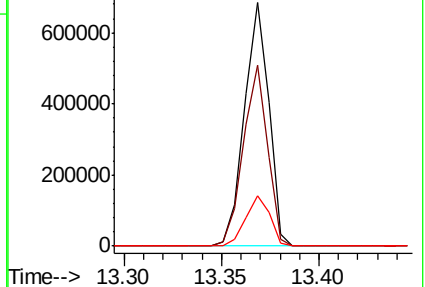
206 20.5 18.0 27.0

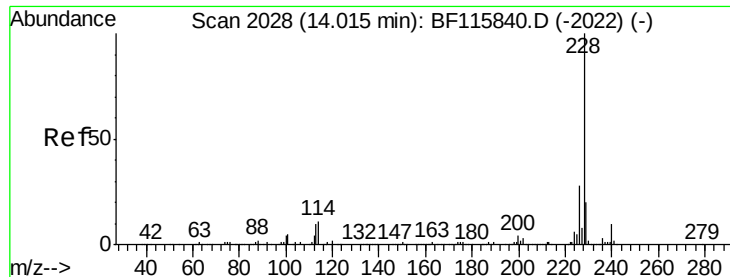


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.726 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

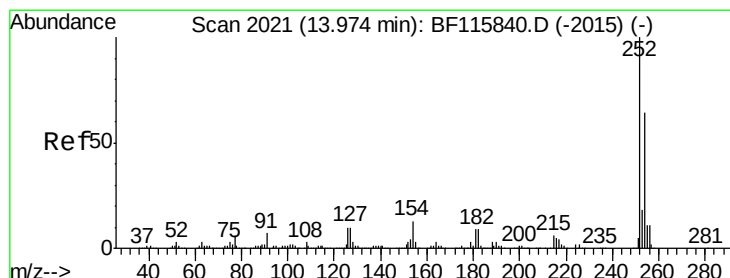
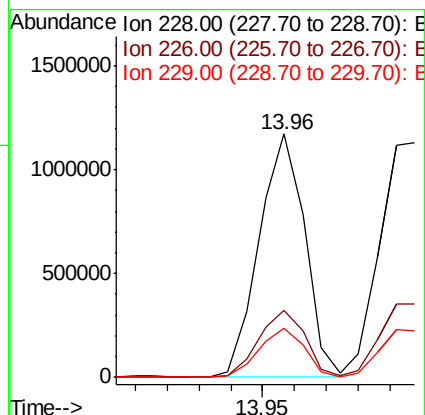
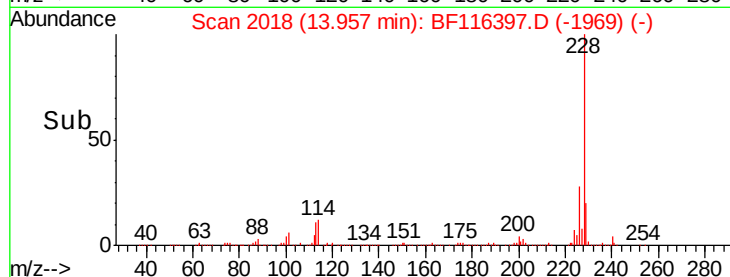
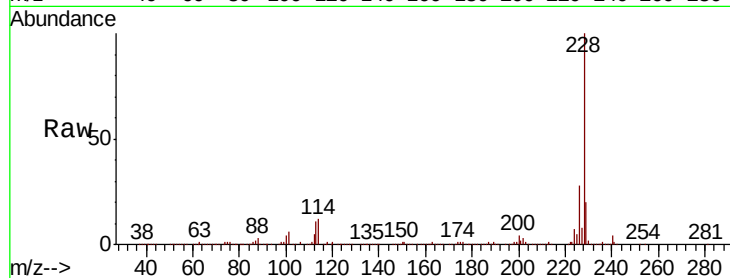
Tgt Ion:228 Resp: 1171324

Ion Ratio Lower Upper

228 100

226 27.6 22.7 34.1

229 20.0 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 49.166 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

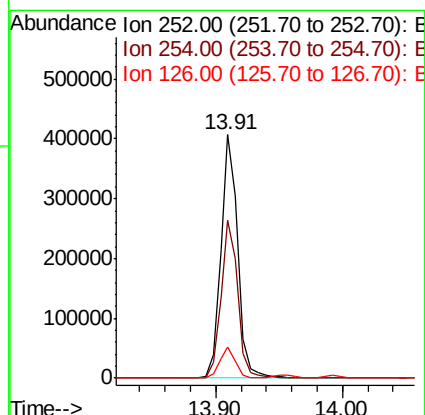
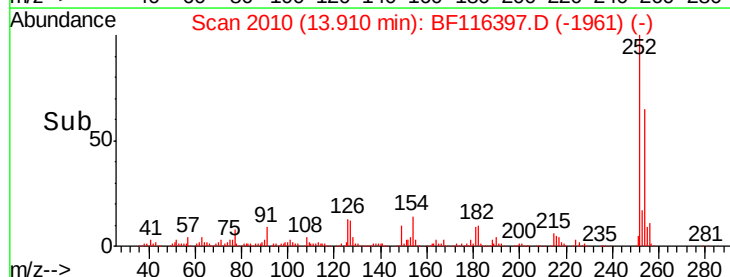
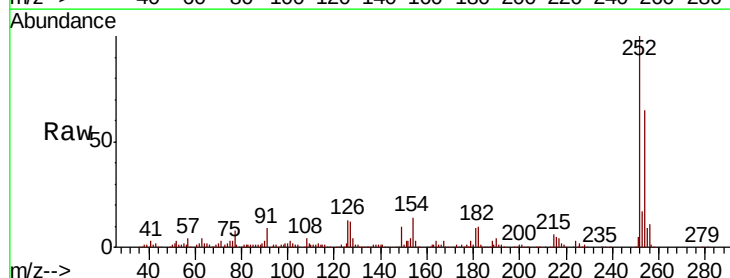
Tgt Ion:252 Resp: 379458

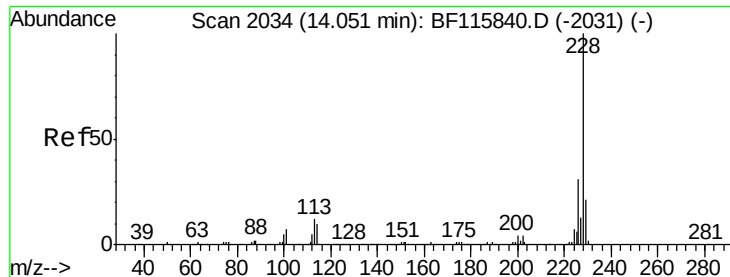
Ion Ratio Lower Upper

252 100

254 64.8 50.9 76.3

126 12.6 9.8 14.8





#83

Chrysene

Concen: 53.479 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

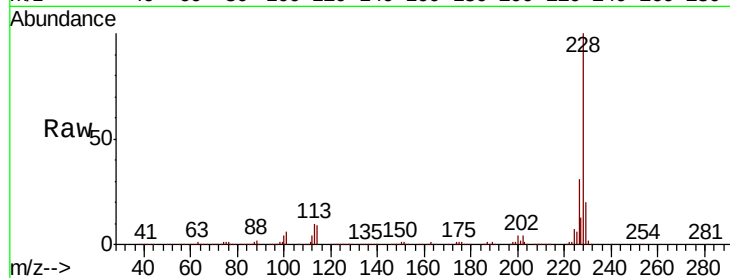
Tgt Ion:228 Resp: 1153403

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

229 19.8 16.6 24.8

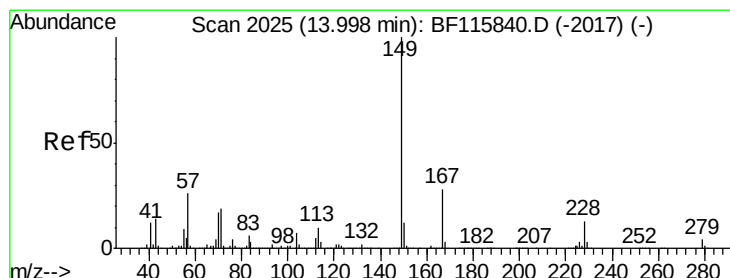
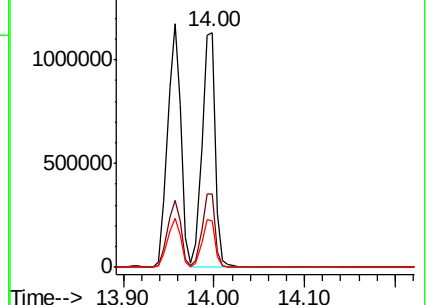
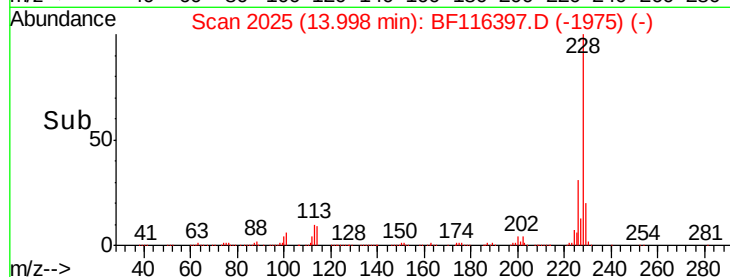


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.981 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

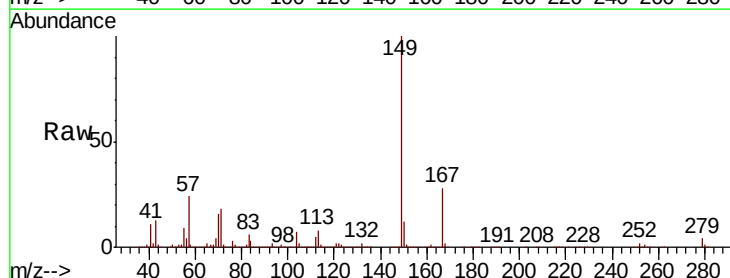
Tgt Ion:149 Resp: 835036

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

279 4.4 3.0 4.4

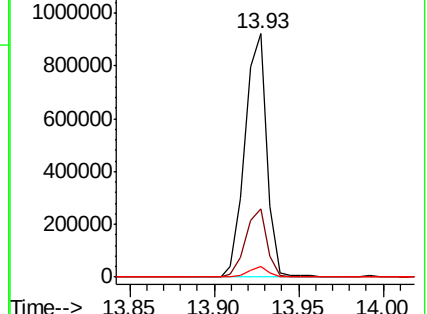
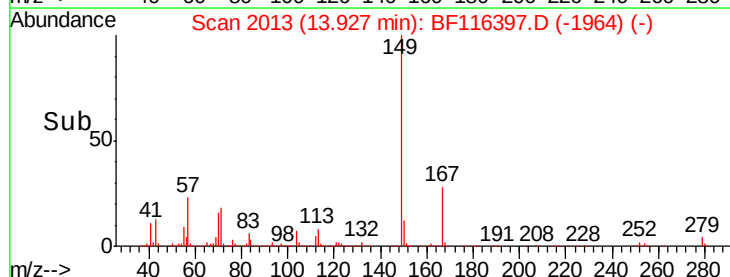


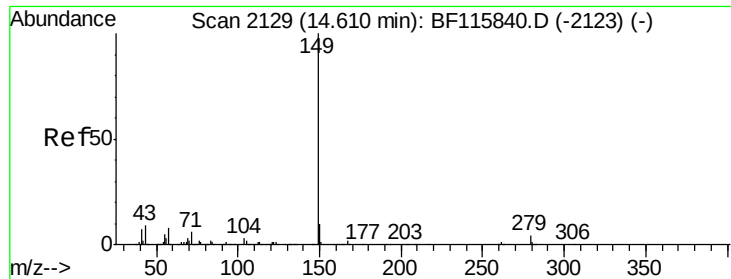
Abundance

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: 62.444 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

SS-18_081519MS

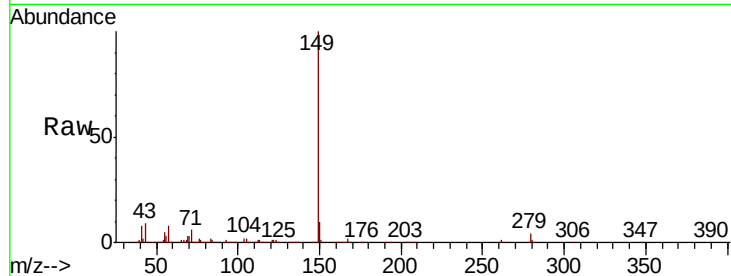
Tgt Ion:149 Resp: 1428436

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

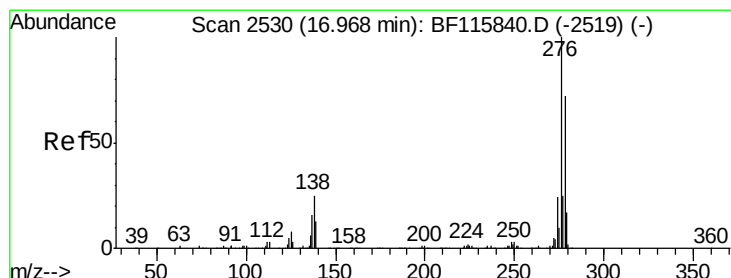
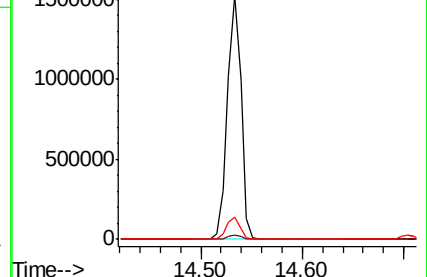
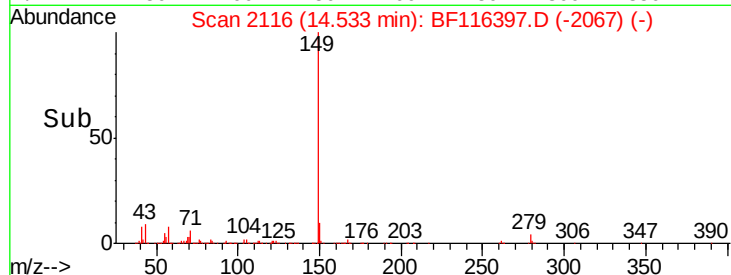
43 9.0 7.5 11.3



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: 62.817 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BF116397.D

Acq: 19 Aug 2019 19:39

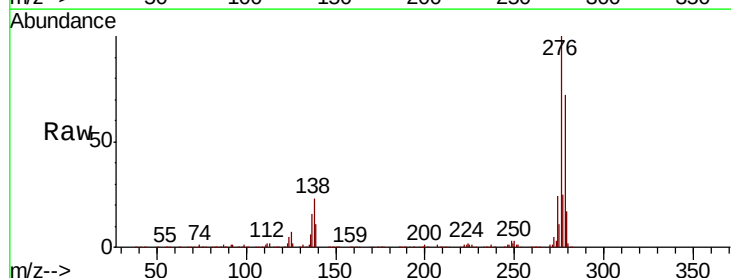
Tgt Ion:276 Resp: 1137890

Ion Ratio Lower Upper

276 100

138 26.0 20.4 30.6

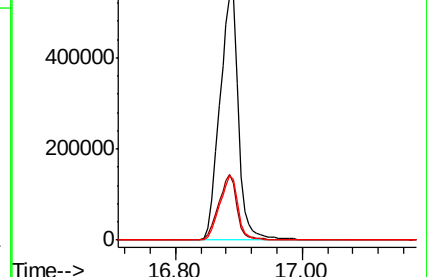
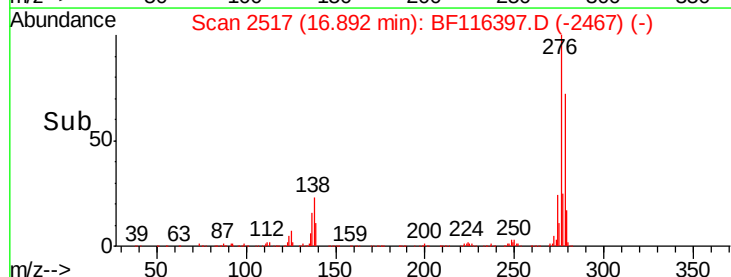
277 25.2 20.0 30.0

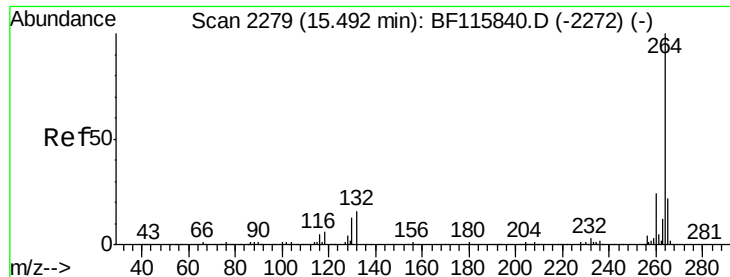


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



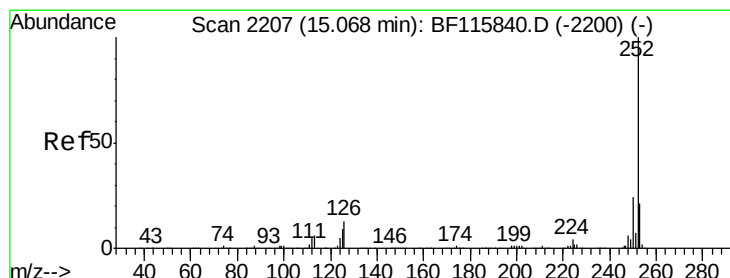
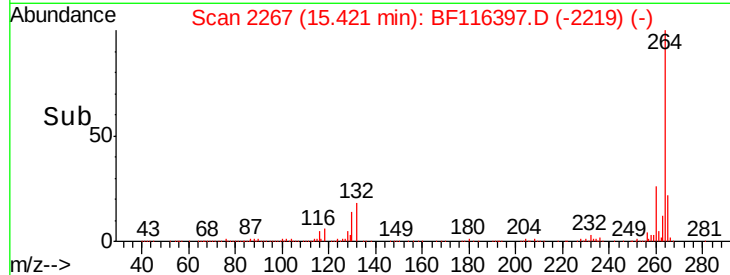
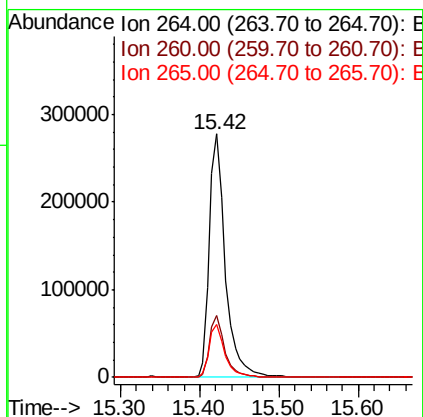
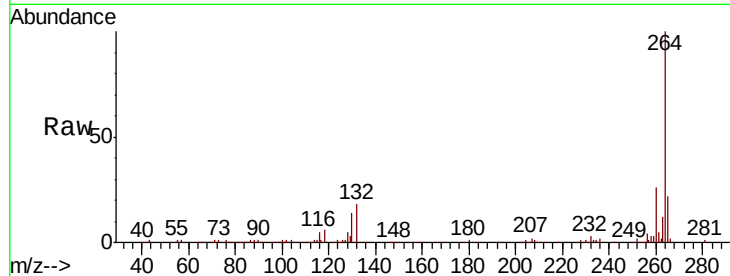


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion: 264 Resp: 391879

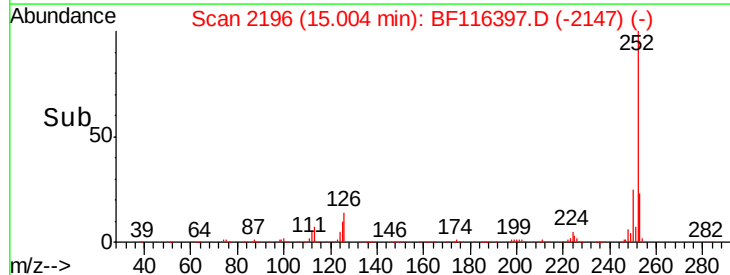
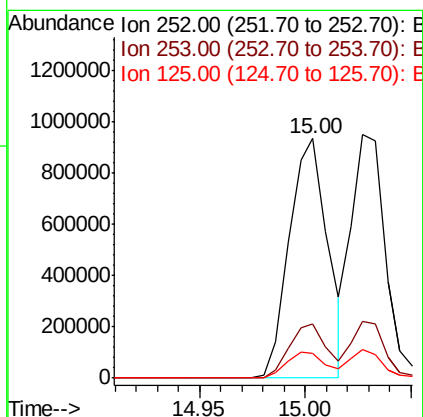
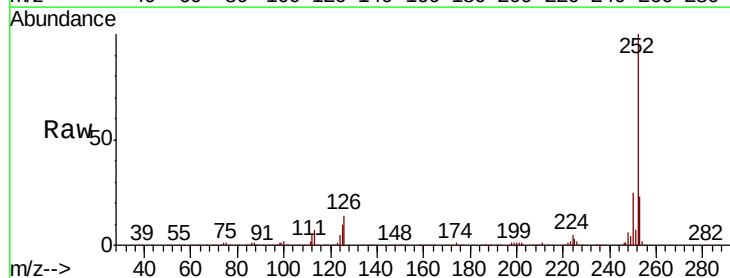
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.7	29.5
265	21.9	17.4	26.0

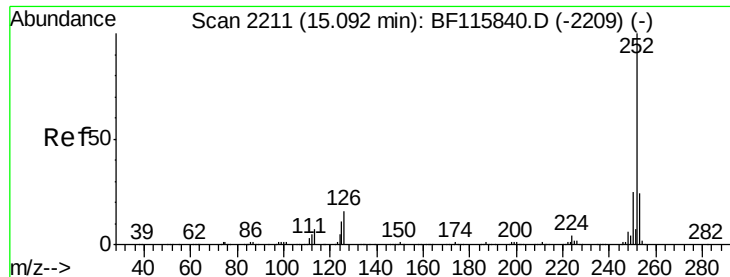


#88
Benzo(b)fluoranthene
Concen: 52.147 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion: 252 Resp: 1181603

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.5	8.4	12.6

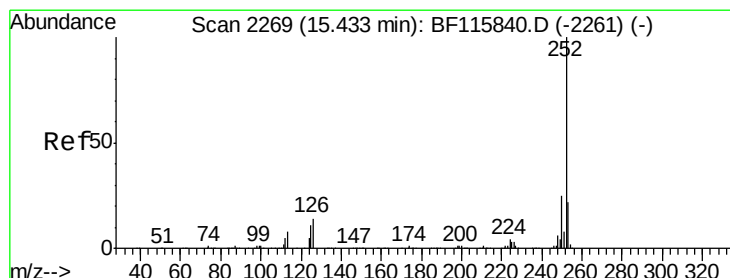
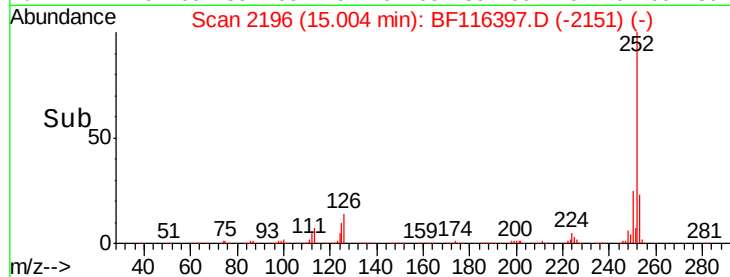
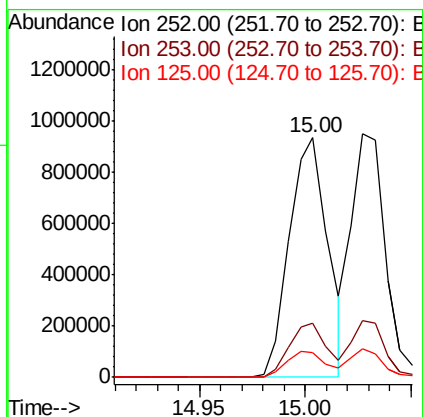
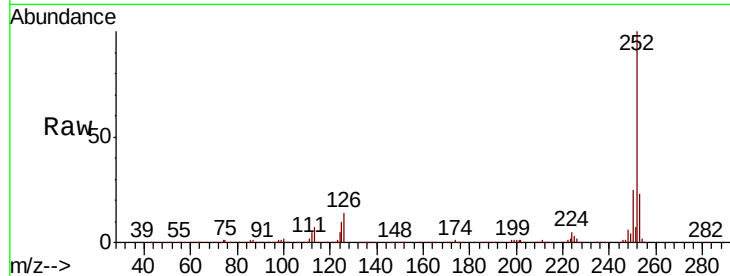




#89
Benzo(k)fluoranthene
Concen: 53.539 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

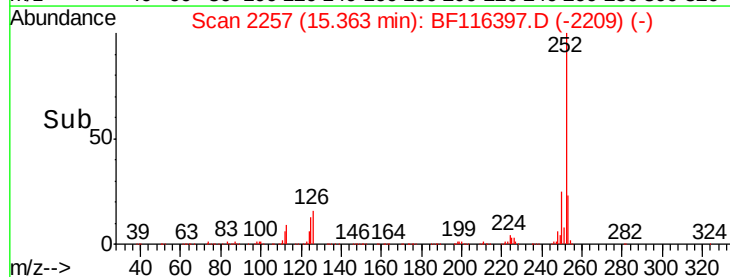
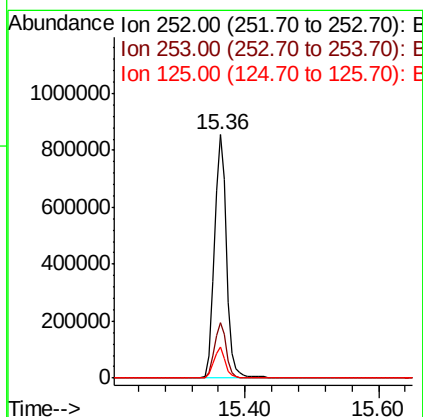
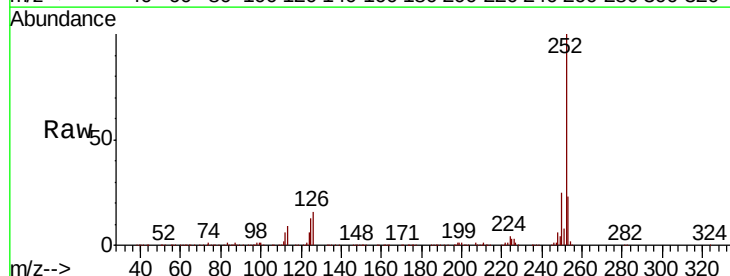
Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

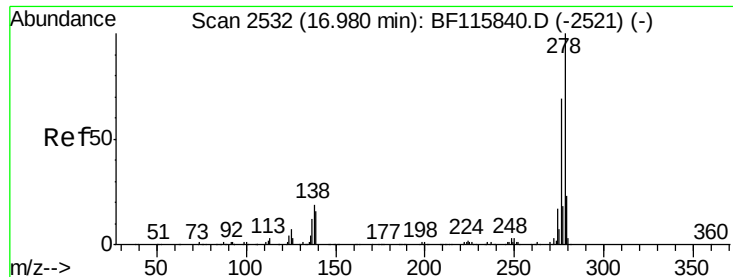
Tgt Ion:252 Resp: 1181603
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 54.116 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion:252 Resp: 1096133
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.5 8.9 13.3

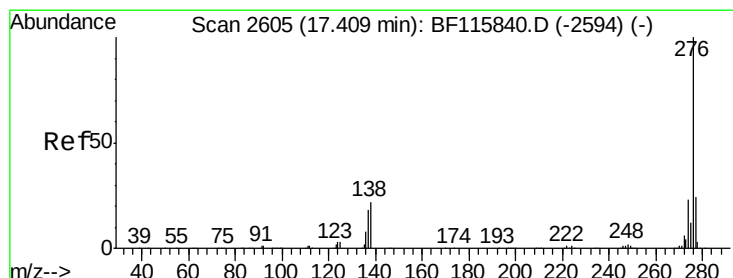
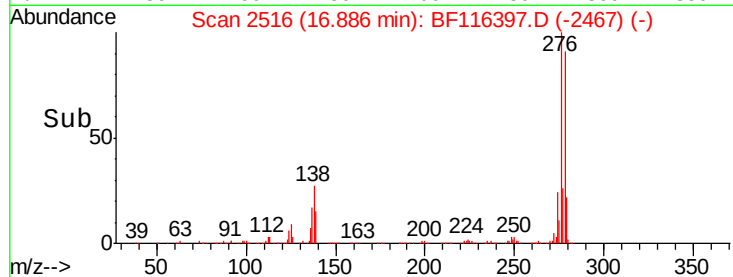
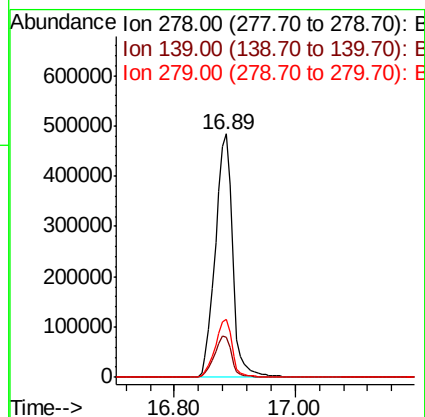
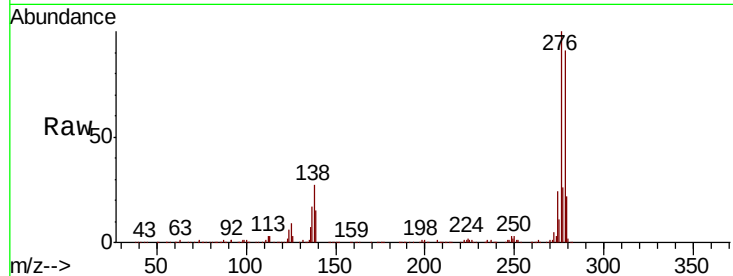




#91
Dibenzo(a,h)anthracene
Concen: 54.574 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Tgt Ion: 278 Resp: 956850
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 54.980 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.02 min
Lab File: BF116397.D
Acq: 19 Aug 2019 19:39

Tgt Ion: 276 Resp: 946710
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 23.2 17.0 25.6

