

Data File : BF116051.D
Acq On : 7 Aug 2019 15:38
Operator : HP/JU
Sample : K4164-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Quant Time: Aug 08 07:42:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138386	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	553553	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	296523	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	507989	20.00	ng	0.00
76) Chrysene-d12	14.01	240	285961	20.00	ng	0.00
87) Perylene-d12	15.47	264	325482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	949505	114.86	ng	0.00
7) Phenol-d6	6.49	99	1282704	122.99	ng	0.00
23) Nitrobenzene-d5	7.41	82	805699	84.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	315016	109.58	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1188909	75.10	ng	0.00
79) Terphenyl-d14	12.95	244	1313175	96.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	133122	31.877	ng	98
3) Pyridine	3.42	79	352624	30.227	ng	99
4) n-Nitrosodimethylamine	3.36	42	166494	36.165	ng	97
6) Aniline	6.51	93	440395	29.485	ng	97
8) 2-Chlorophenol	6.63	128	367833	40.240	ng	96
9) Benzaldehyde	6.40	77	196717	27.336	ng	99
10) Phenol	6.50	94	470846	38.336	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	361554	40.040	ng	98
12) 1,3-Dichlorobenzene	6.79	146	395907	37.476	ng	99
13) 1,4-Dichlorobenzene	6.86	146	403537	38.150	ng	97
14) 1,2-Dichlorobenzene	7.02	146	375509	38.554	ng	99
15) Benzyl Alcohol	6.99	79	319587	40.377	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	481237	39.072	ng	97
17) 2-Methylphenol	7.10	107	314439	40.624	ng	99
18) Hexachloroethane	7.36	117	148489	38.128	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	262169	40.565	ng	97
20) 3+4-Methylphenols	7.26	107	384398	41.967	ng	99
22) Acetophenone	7.25	105	506140	41.691	ng	99
24) Nitrobenzene	7.43	77	413137	39.898	ng	97
25) Isophorone	7.67	82	761067	41.504	ng	100
26) 2-Nitrophenol	7.75	139	205989	42.202	ng	95
27) 2,4-Dimethylphenol	7.78	122	338165	46.050	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	468085	41.184	ng	99
29) 2,4-Dichlorophenol	7.99	162	327184	42.197	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	352898	39.927	ng	98
31) Naphthalene	8.15	128	1073086	41.195	ng	99
32) Benzoic acid	7.89	122	37530	7.249	ng	92
33) 4-Chloroaniline	8.19	127	321832	27.651	ng	98
34) Hexachlorobutadiene	8.26	225	196669	38.631	ng	99
35) Caprolactam	8.57	113	49458	19.722	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	343280	42.557	ng	98
37) 2-Methylnaphthalene	8.84	142	732631	42.705	ng	98
38) 1-Methylnaphthalene	8.94	142	683918	42.140	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	335528	42.326	ng	99

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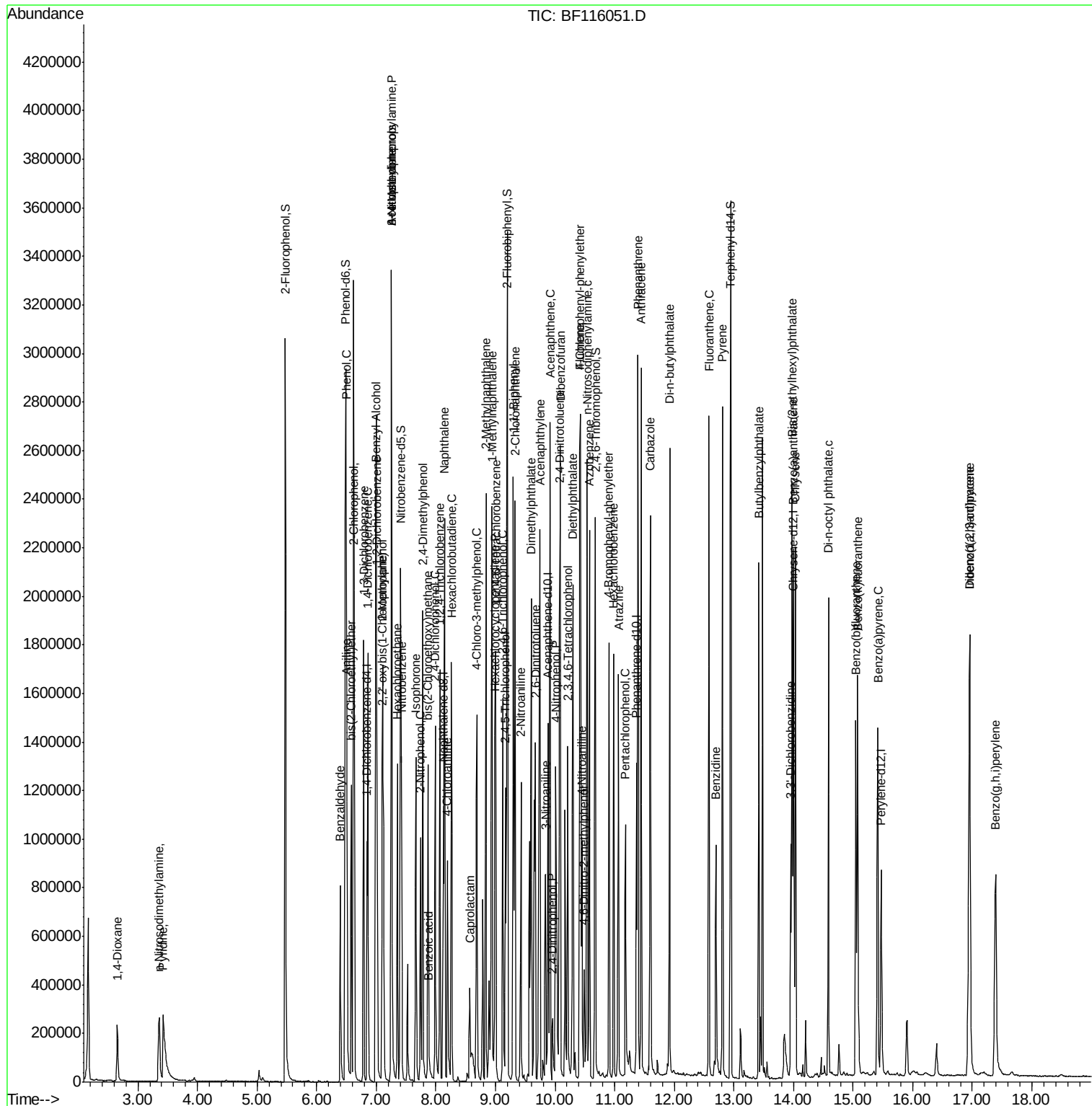
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	162469	48.196	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	215294	39.457	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	227942	40.413	ng	95
46) 1,1'-Biphenyl	9.30	154	896935	42.845	ng	99
47) 2-Chloronaphthalene	9.33	162	700105	40.181	ng	100
48) 2-Nitroaniline	9.43	65	226445	39.319	ng	97
49) Acenaphthylene	9.75	152	1074013	42.252	ng	99
50) Dimethylphthalate	9.60	163	1096968	54.333	ng	99
51) 2,6-Dinitrotoluene	9.67	165	185954	42.382	ng	98
52) Acenaphthene	9.92	154	642536	41.203	ng	98
53) 3-Nitroaniline	9.84	138	161036	29.703	ng	94
54) 2,4-Dinitrophenol	9.96	184	44598	25.846	ng	98
55) Dibenzofuran	10.09	168	950537	41.914	ng	99
56) 4-Nitrophenol	10.01	139	240957	69.380	ng	99
57) 2,4-Dinitrotoluene	10.07	165	237602	40.673	ng	100
58) Fluorene	10.43	166	741955	42.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	183445	38.658	ng	99
60) Diethylphthalate	10.30	149	812966	43.129	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	376065	42.557	ng	98
62) 4-Nitroaniline	10.46	138	203004	36.233	ng	98
63) Azobenzene	10.58	77	826867	42.648	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	68951	25.613	ng	99
66) n-Nitrosodiphenylamine	10.54	169	669491	43.786	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	230501	42.387	ng	96
68) Hexachlorobenzene	10.99	284	254636	40.494	ng	93
69) Atrazine	11.06	200	203788	40.514	ng	99
70) Pentachlorophenol	11.18	266	157133	51.470	ng	98
71) Phenanthrene	11.39	178	1082874	41.698	ng	100
72) Anthracene	11.45	178	1125539	42.825	ng	99
73) Carbazole	11.60	167	992106	41.607	ng	100
74) Di-n-butylphthalate	11.92	149	1262231	45.378	ng	99
75) Fluoranthene	12.58	202	1080081	39.727	ng	98
77) Benzidine	12.70	184	399226	41.324	ng	98
78) Pyrene	12.81	202	1054282	48.909	ng	99
80) Butylbenzylphthalate	13.42	149	465935	51.099	ng	94
81) Benzo(a)anthracene	14.00	228	762938	41.742	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	227582	35.840	ng	98
83) Chrysene	14.03	228	751087	42.327	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	634061	53.511	ng	99
85) Di-n-octyl phthalate	14.59	149	945892	50.258	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	946037	63.477	ng	100
88) Benzo(b)fluoranthene	15.04	252	762278	40.504	ng	99
89) Benzo(k)fluoranthene	15.07	252	679735	37.082	ng	98
90) Benzo(a)pyrene	15.42	252	726898	43.207	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	779074	53.499	ng	99
92) Benzo(g,h,i)perylene	17.39	276	807227	56.443	ng	97

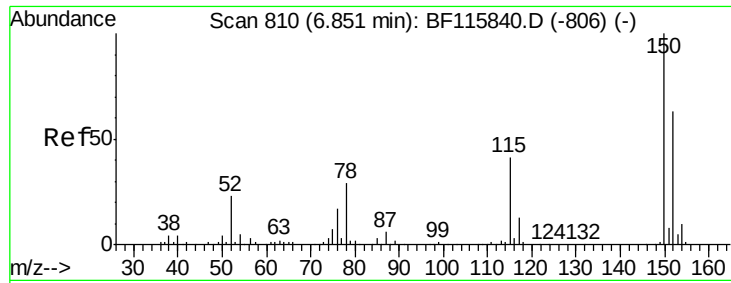
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

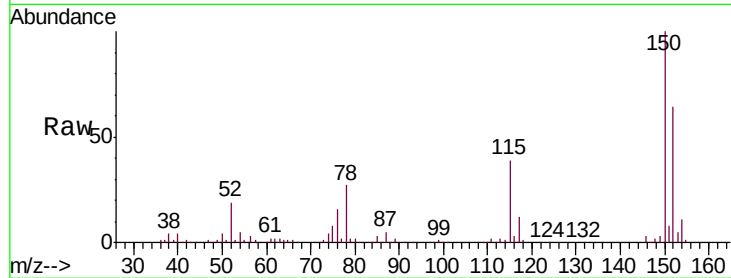
Tgt Ion:152 Resp: 138386

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

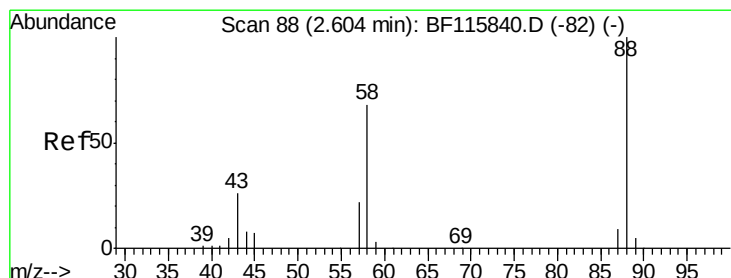
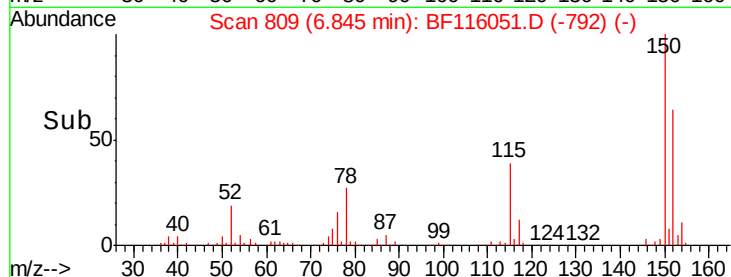
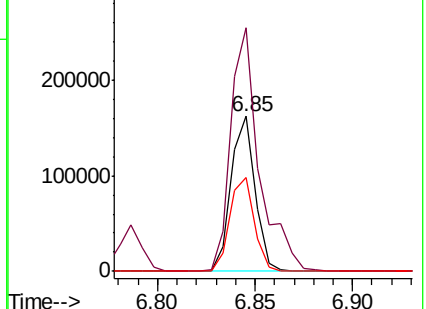
115 60.9 49.9 74.9



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: 31.877 ng

RT: 2.66 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

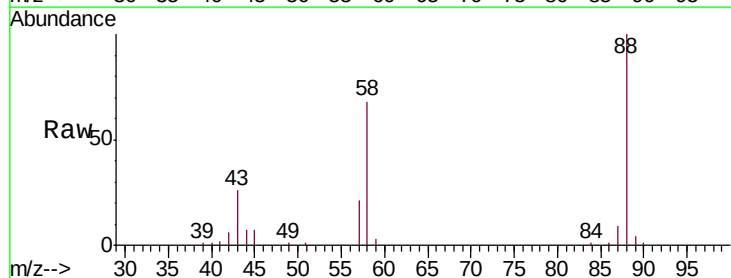
Tgt Ion: 88 Resp: 133122

Ion Ratio Lower Upper

88 100

58 69.0 53.7 80.5

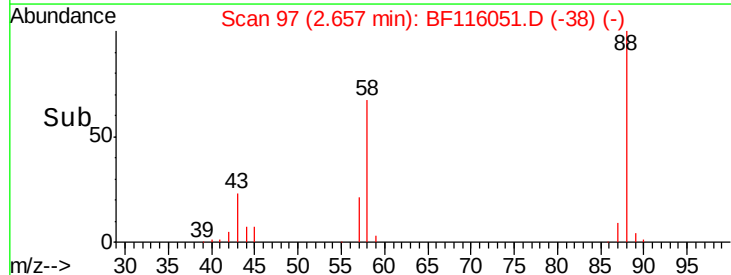
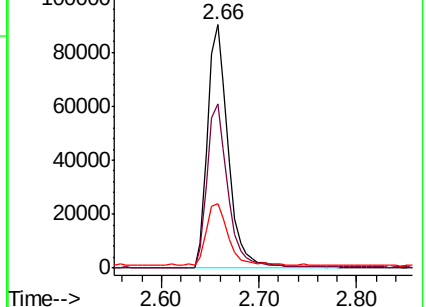
43 25.6 21.0 31.4

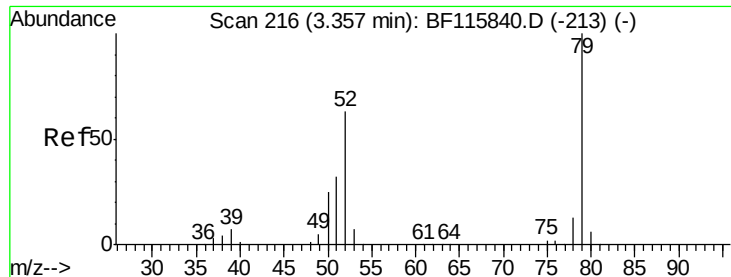


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.227 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF116051.D

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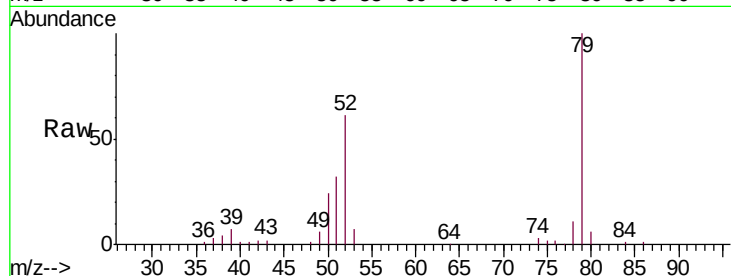
Tgt Ion: 79 Resp: 352624

Ion Ratio Lower Upper

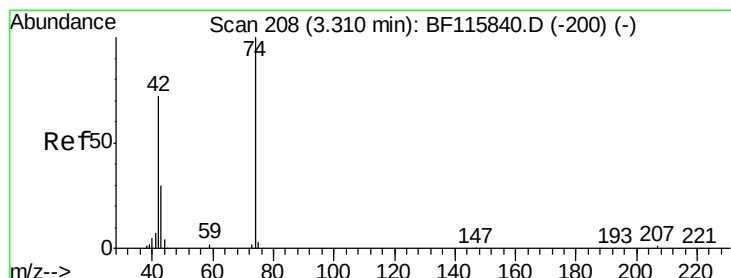
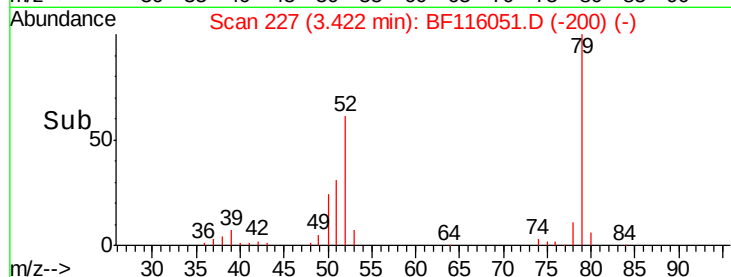
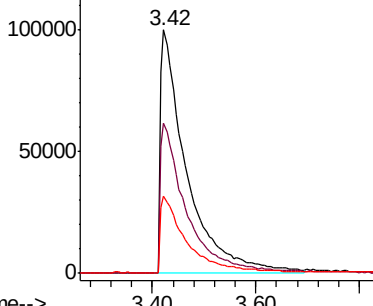
79 100

52 61.5 49.8 74.8

51 31.8 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: 36.165 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

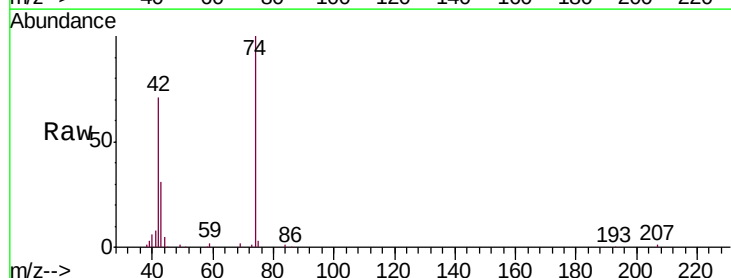
Tgt Ion: 42 Resp: 166494

Ion Ratio Lower Upper

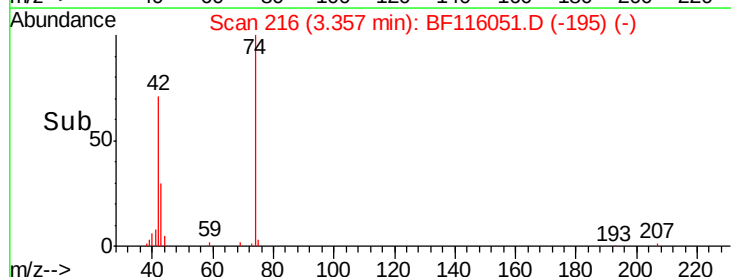
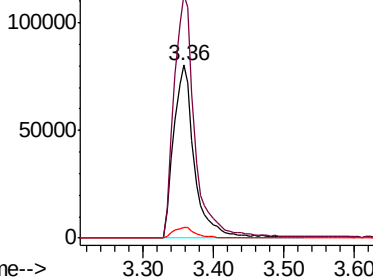
42 100

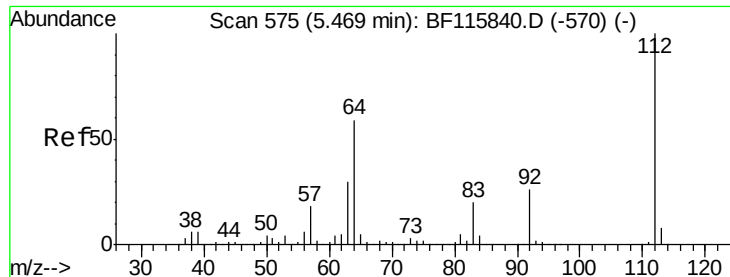
74 140.6 116.0 174.0

44 6.3 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: 114.862 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116051.D

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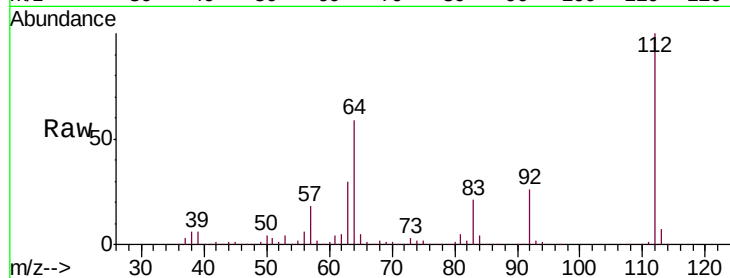
Tgt Ion:112 Resp: 949505

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

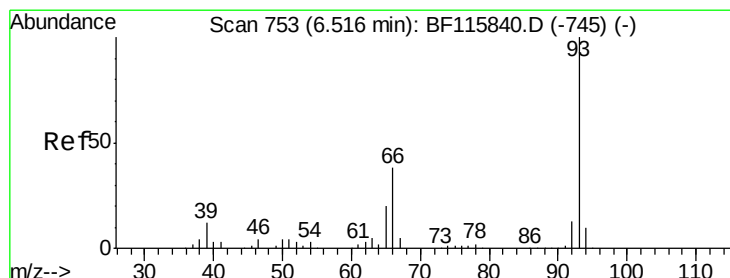
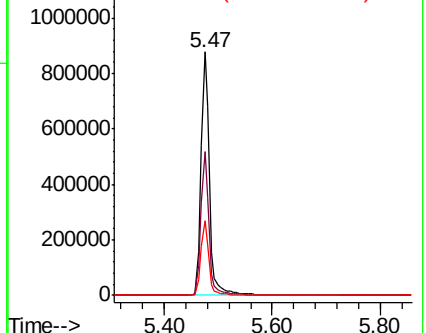
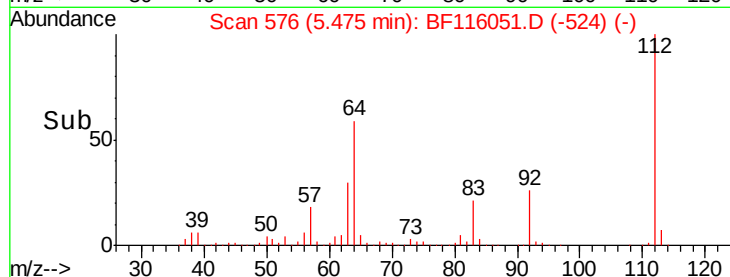
63 30.5 23.7 35.5



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: 29.485 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

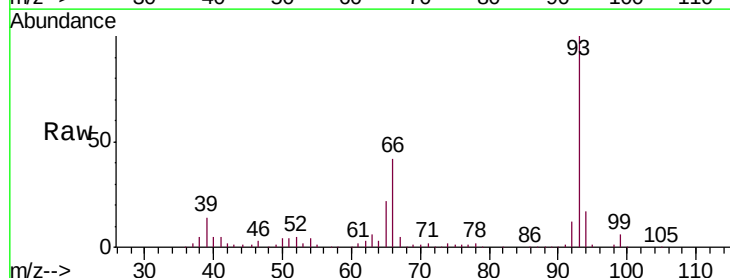
Tgt Ion: 93 Resp: 440395

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.4

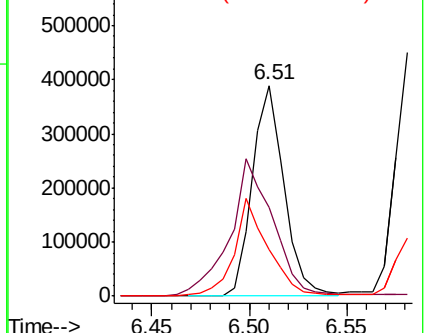
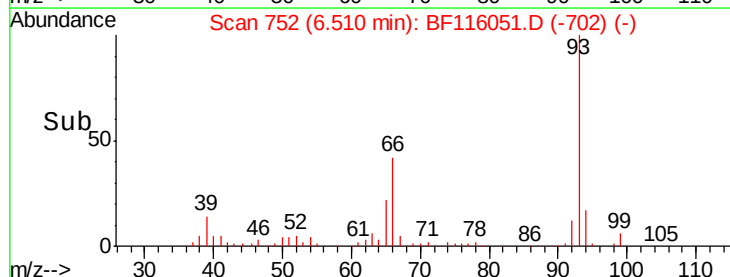
65 22.3 17.0 25.6

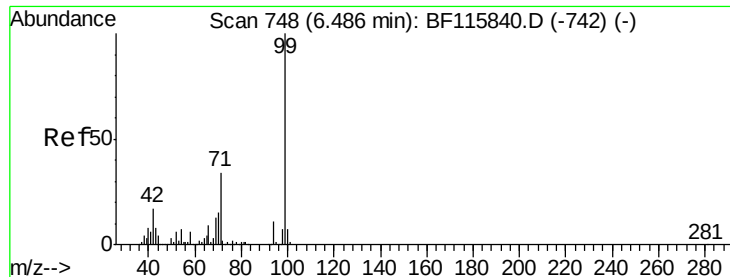


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.987 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

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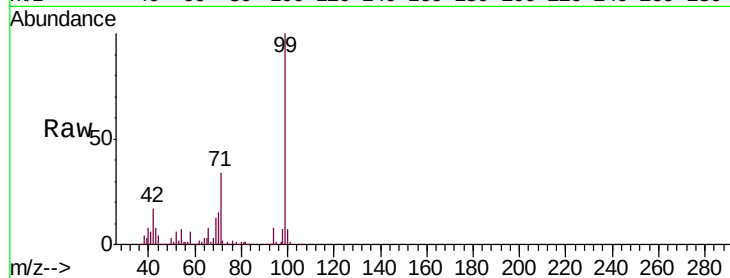
Tgt Ion: 99 Resp: 1282704

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

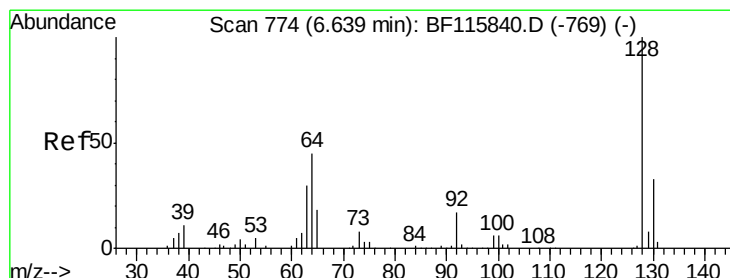
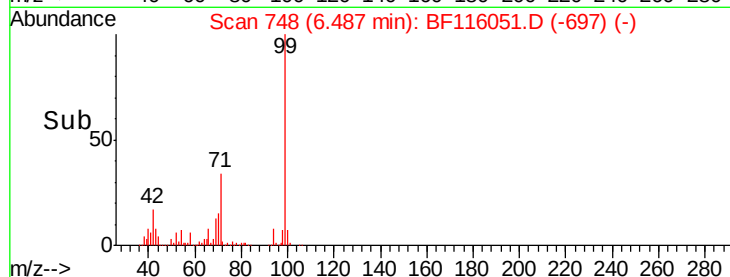
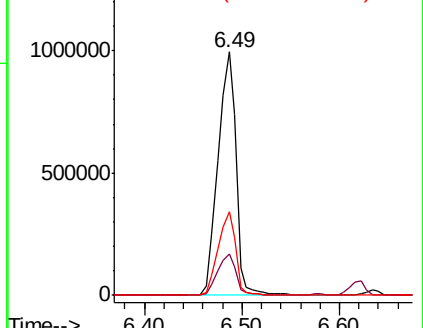
71 34.1 27.3 40.9



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: 40.240 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

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Acq: 7 Aug 2019 15:38

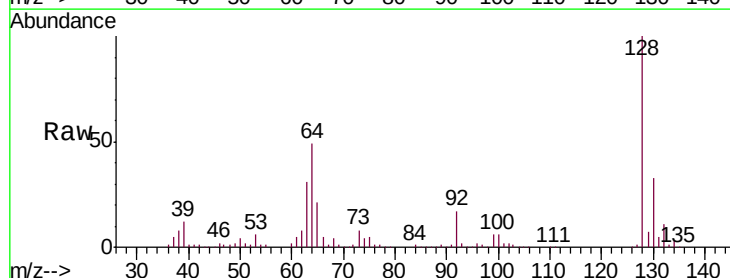
Tgt Ion: 128 Resp: 367833

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

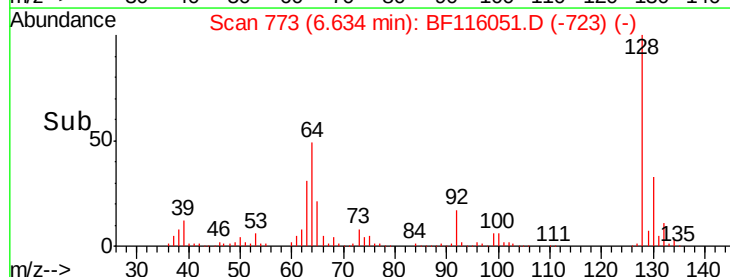
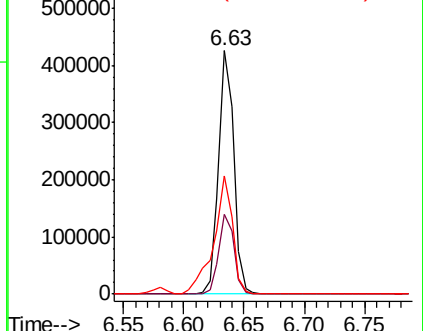
64 48.6 24.3 64.3

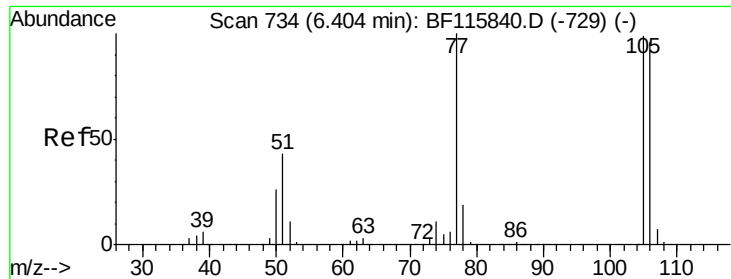


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

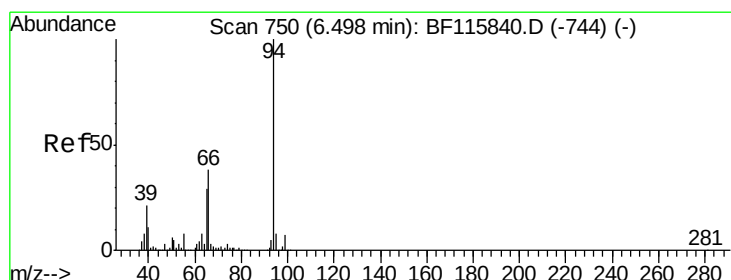
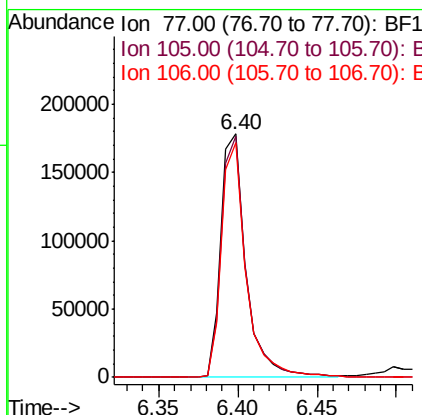
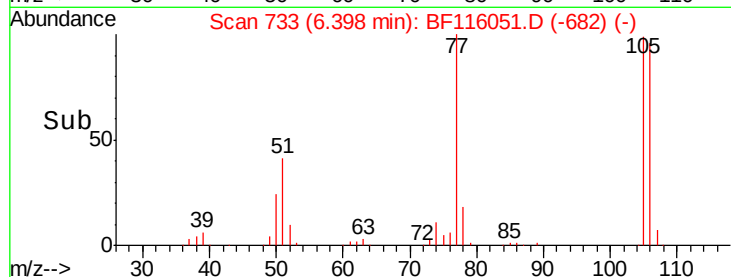
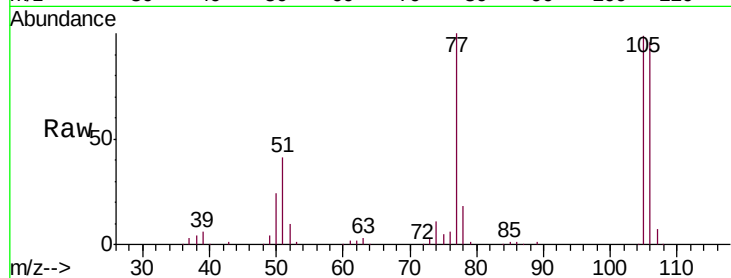




#9
Benzaldehyde
Concen: 27.336 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF116051.D
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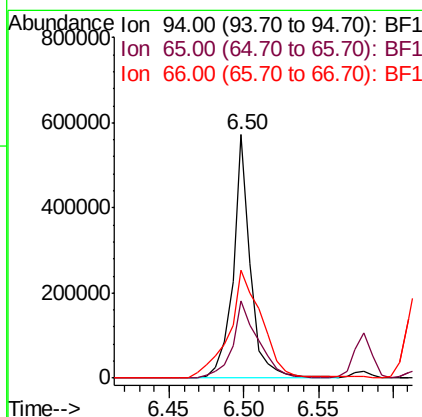
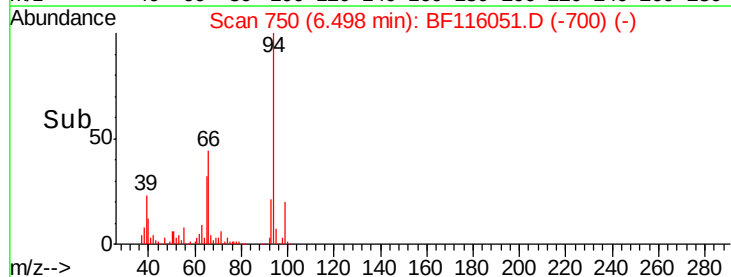
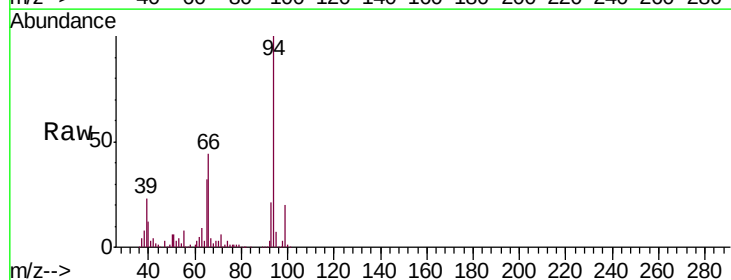
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

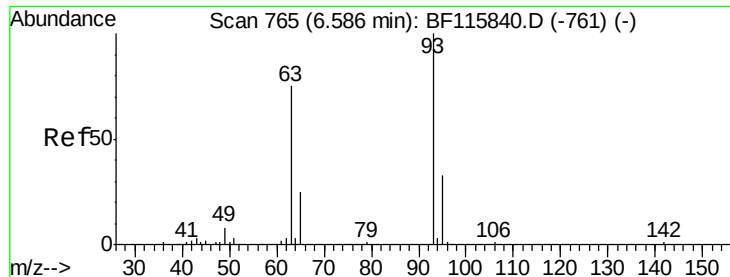
Tgt Ion: 77 Resp: 196717
Ion Ratio Lower Upper
77 100
105 99.1 79.2 119.2
106 96.4 74.3 114.3



#10
Phenol
Concen: 38.336 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 94 Resp: 470846
Ion Ratio Lower Upper
94 100
65 31.6 16.8 56.8
66 44.5 34.2 74.2

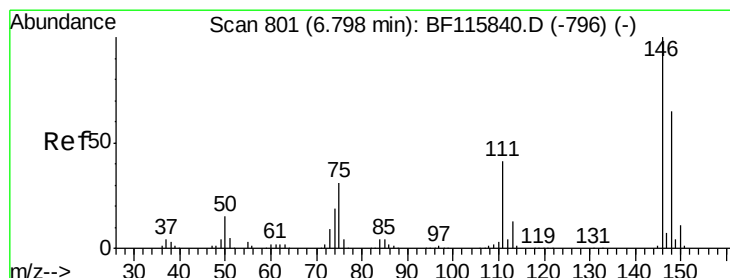
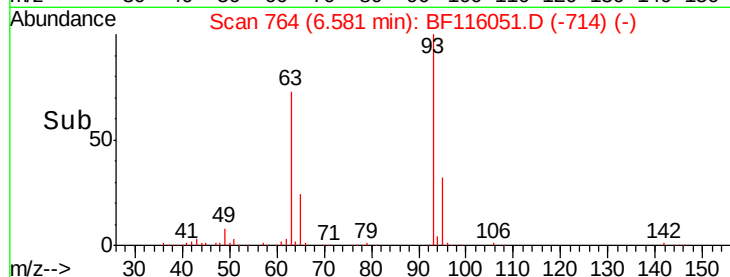
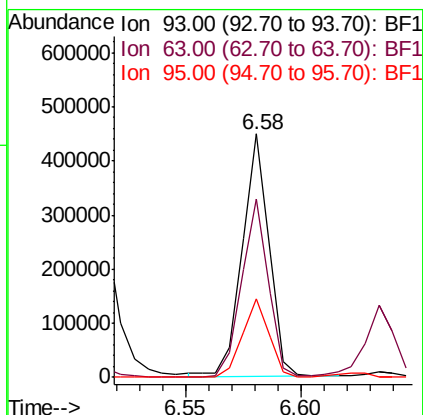
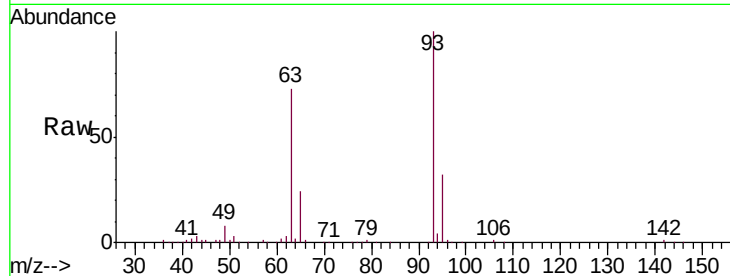




#11
bis(2-Chloroethyl)ether
Concen: 40.040 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

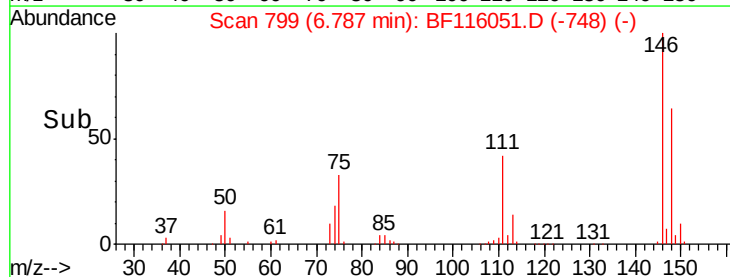
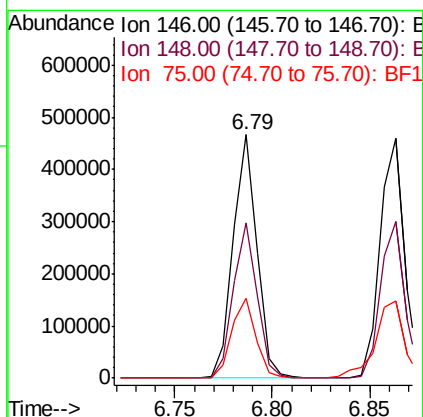
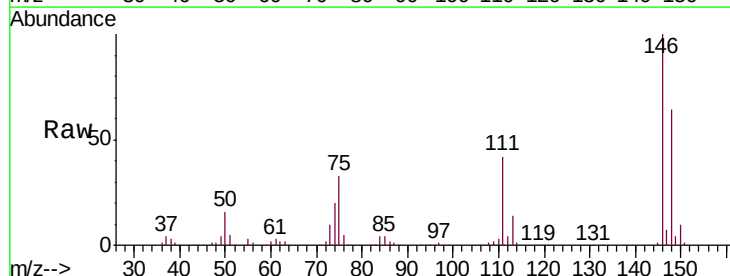
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

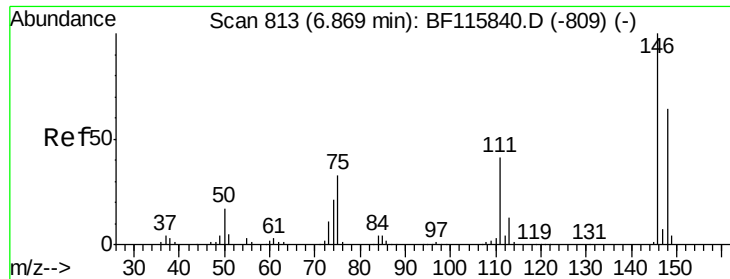
Tgt Ion: 93 Resp: 361554
Ion Ratio Lower Upper
93 100
63 73.3 51.9 91.9
95 32.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.476 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 146 Resp: 395907
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 32.9 27.4 41.2

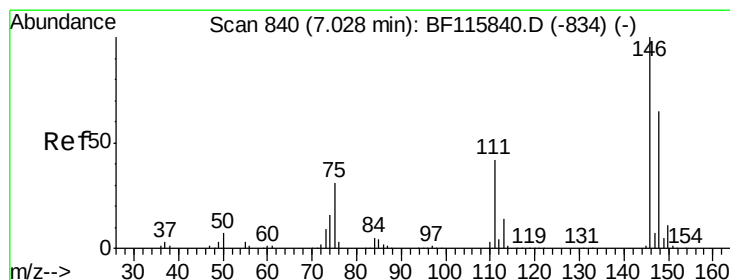
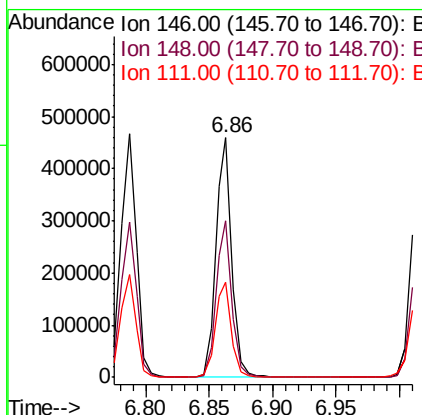
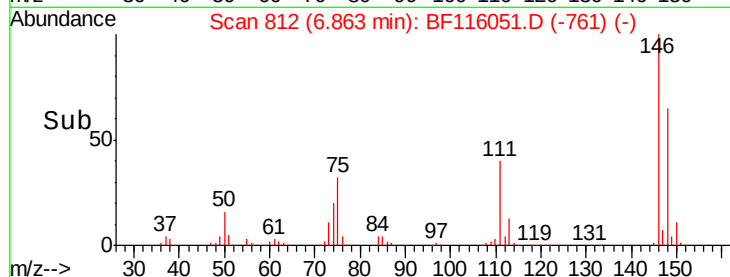
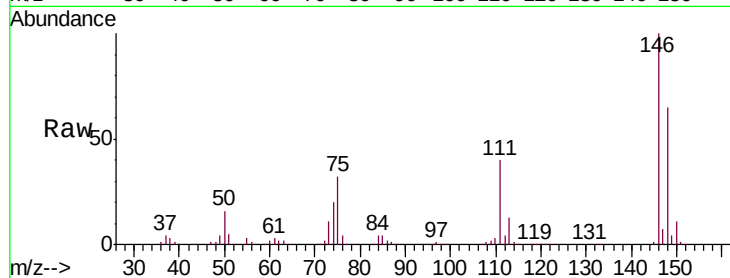




#13
 1,4-Dichlorobenzene
 Concen: 38.150 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

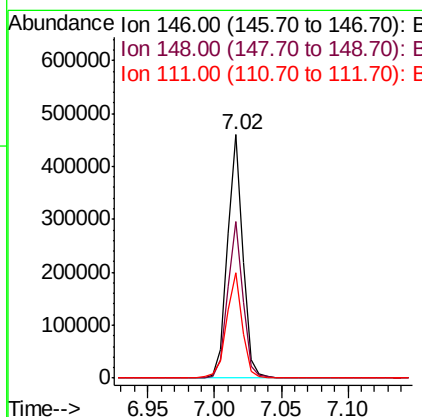
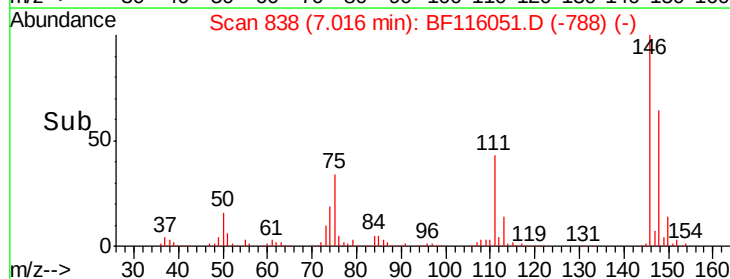
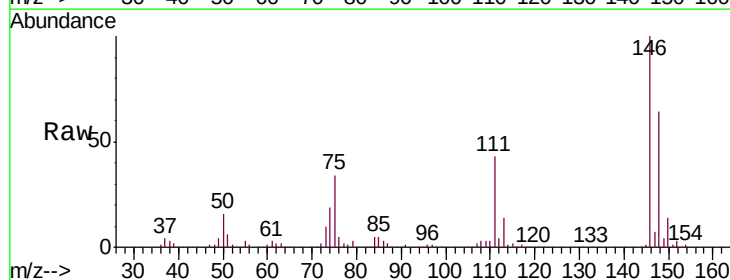
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

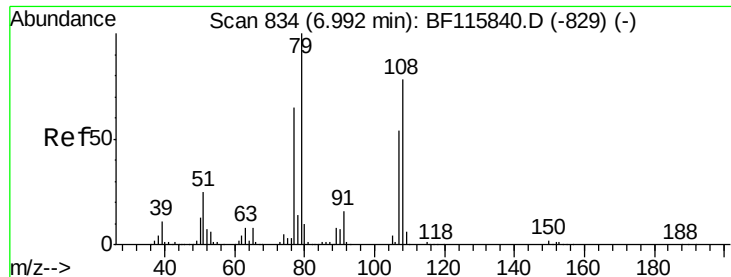
Tgt Ion:146 Resp: 403537
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.3 76.9
 111 39.8 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 38.554 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:146 Resp: 375509
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.2 76.8
 111 43.0 33.5 50.3

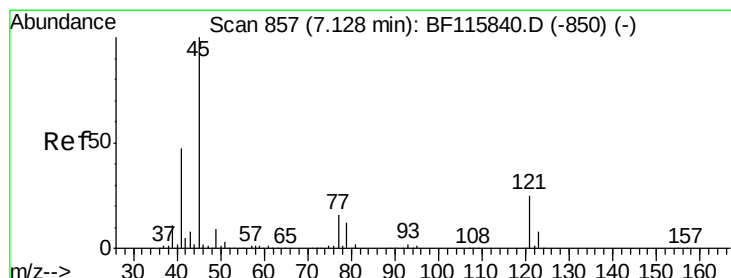
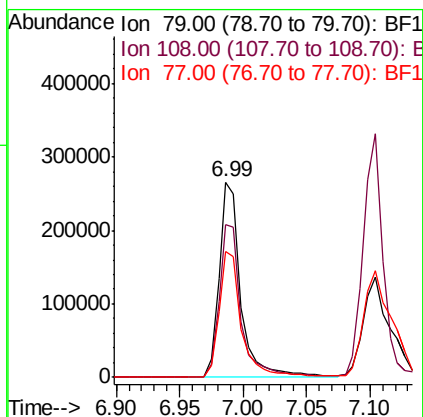
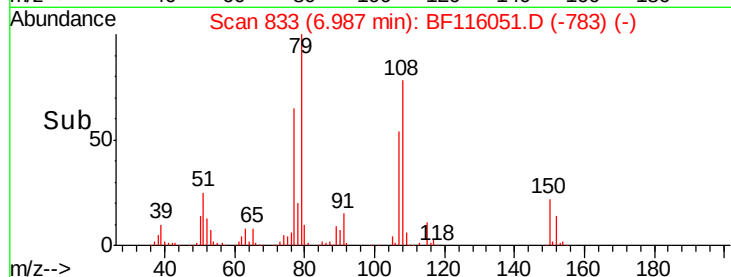
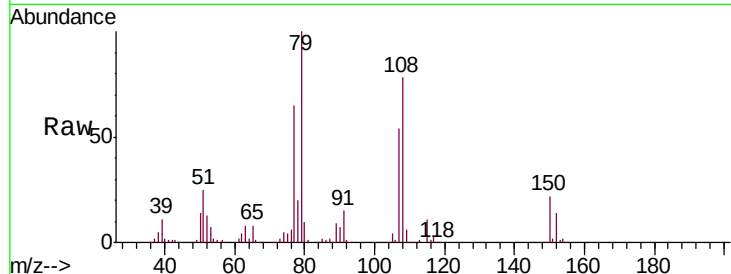




#15
Benzyl Alcohol
Concen: 40.377 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

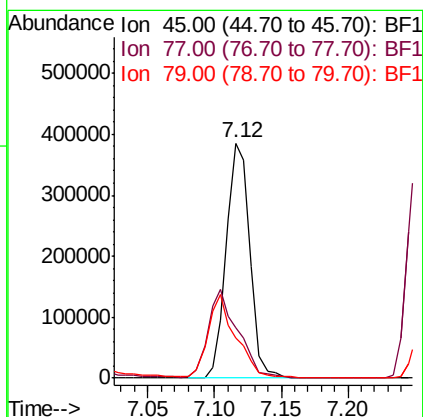
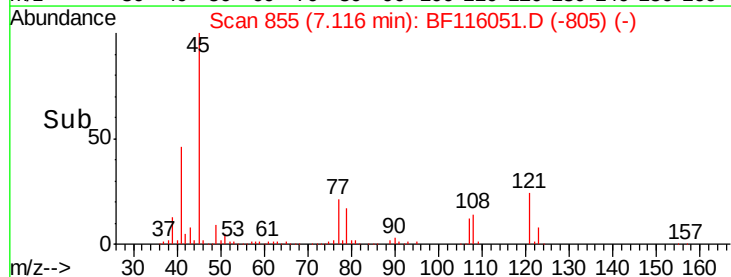
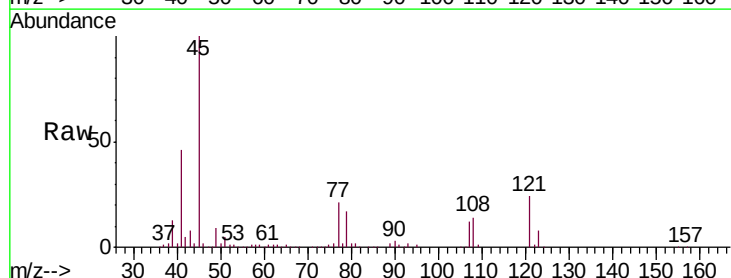
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

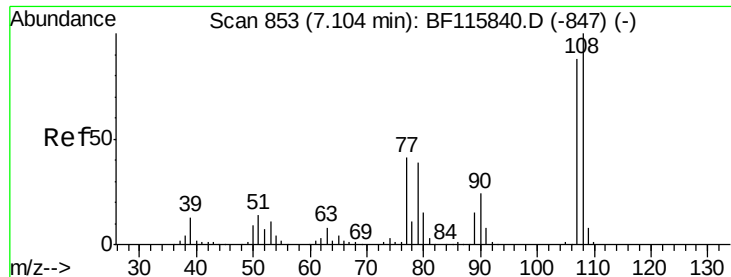
Tgt Ion: 79 Resp: 319587
Ion Ratio Lower Upper
79 100
108 78.2 62.7 94.1
77 64.6 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.072 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 45 Resp: 481237
Ion Ratio Lower Upper
45 100
77 21.3 0.0 40.0
79 16.9 0.0 35.9

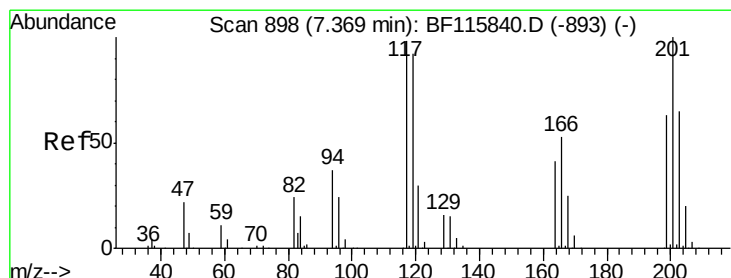
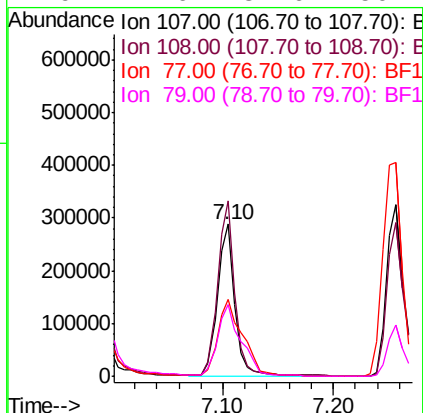
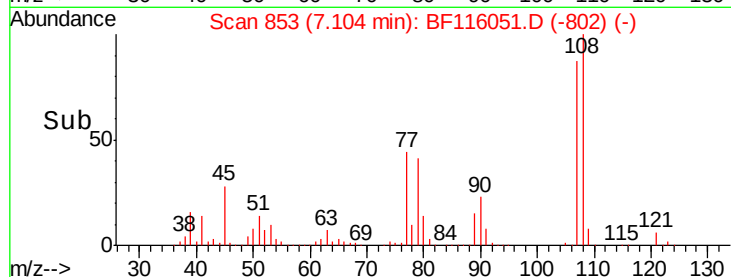
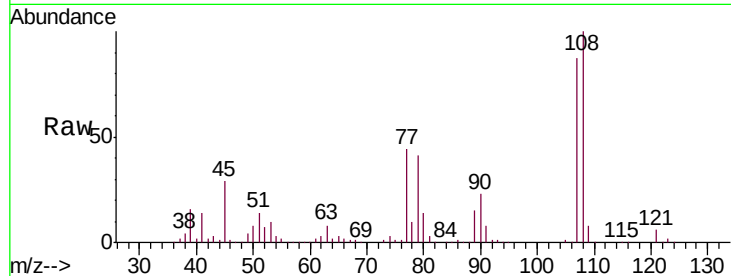




#17
2-Methylphenol
Concen: 40.624 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

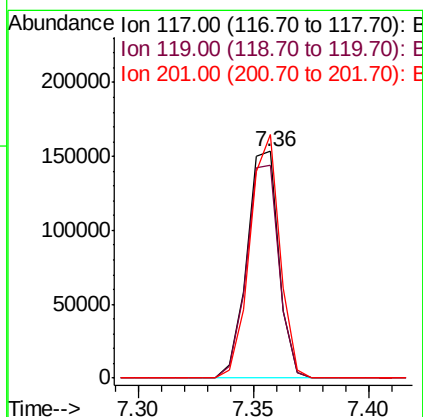
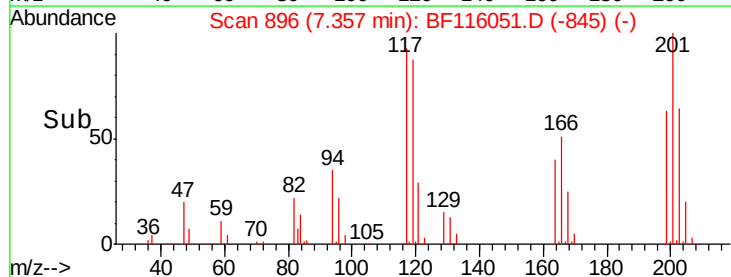
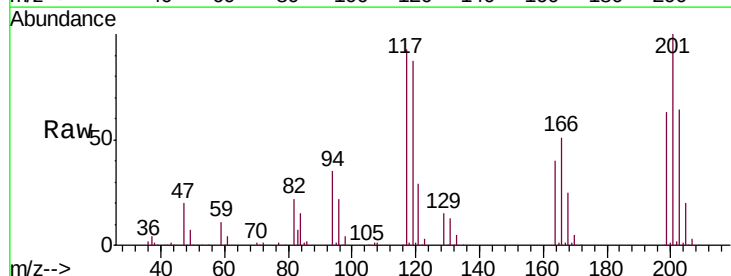
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

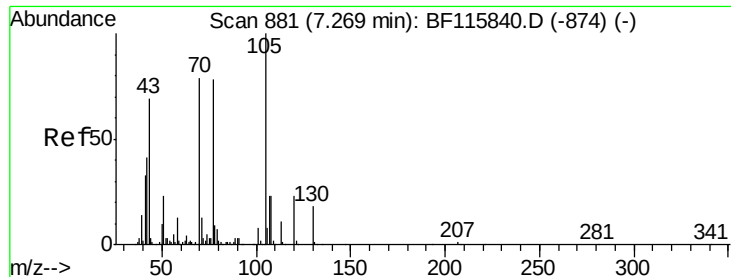
Tgt Ion:107 Resp: 314439
Ion Ratio Lower Upper
107 100
108 115.2 91.2 136.8
77 50.4 40.3 60.5
79 47.6 37.6 56.4



#18
Hexachloroethane
Concen: 38.128 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:117 Resp: 148489
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
201 107.5 77.0 115.4

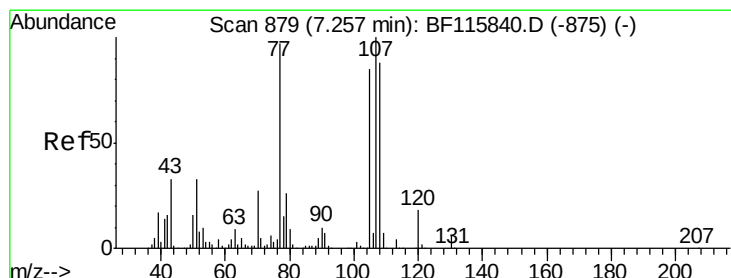
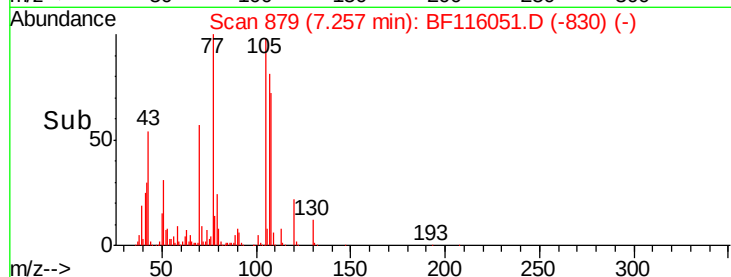
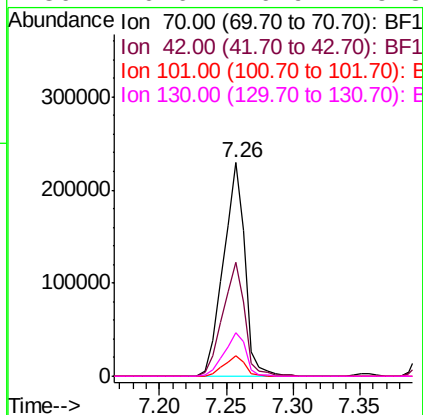
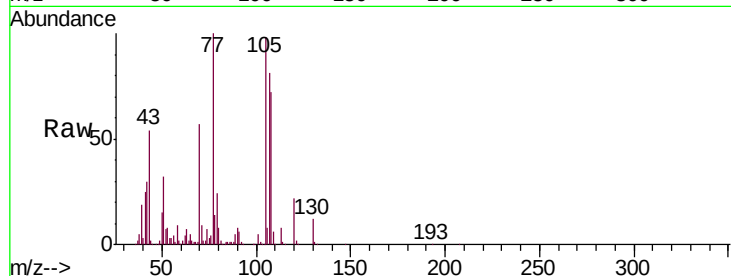




#19
n-Nitroso-di-n-propylamine
Concen: 40.565 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

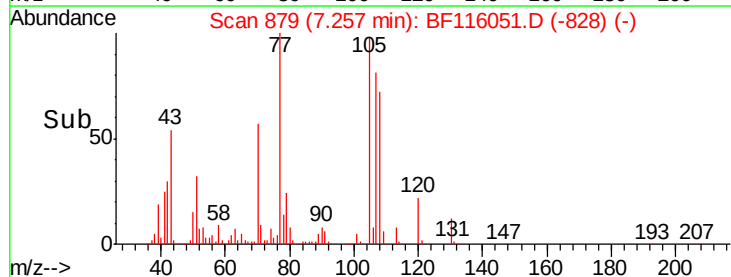
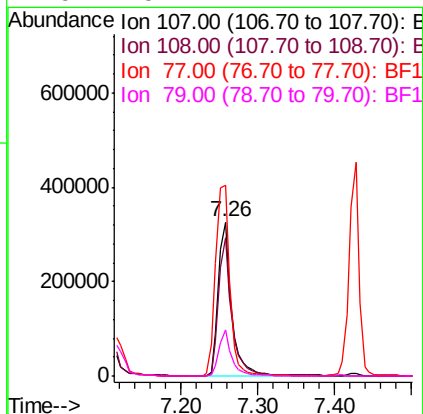
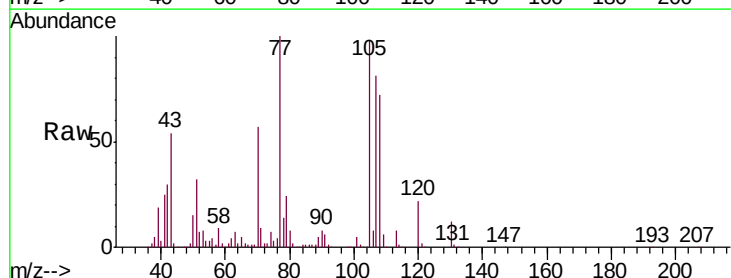
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

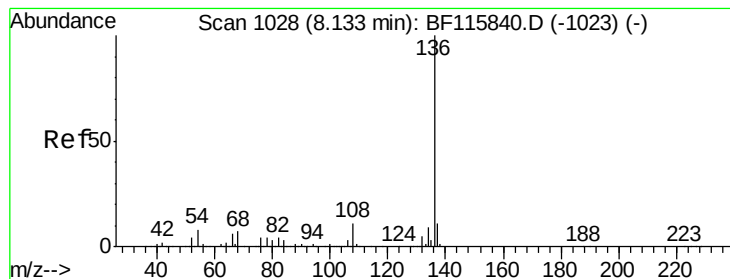
Tgt Ion:	70	Resp:	262169
Ion	Ratio	Lower	Upper
70	100		
42	53.6	40.9	61.3
101	9.5	7.9	11.9
130	20.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 41.967 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:	107	Resp:	384398
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.6	107.6
77	124.1	104.4	144.4
79	29.7	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

Tgt Ion:136 Resp: 553553

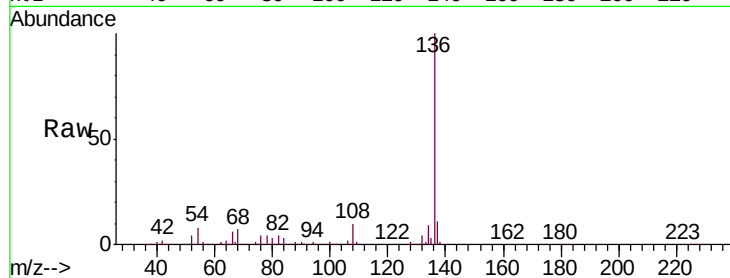
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.8 5.8 8.6

68 6.6 5.2 7.8

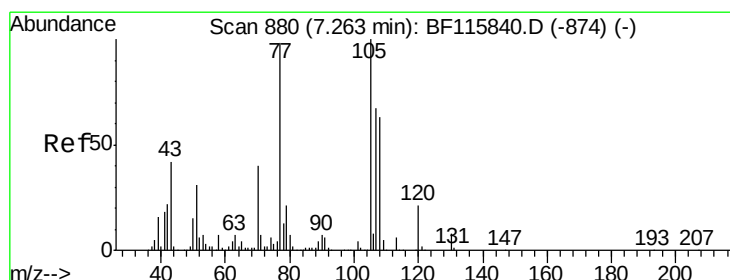
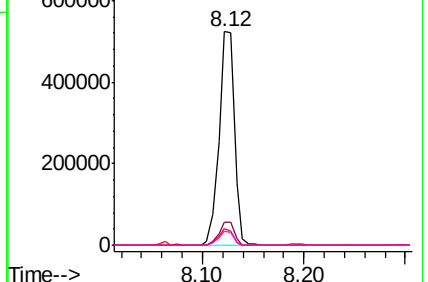
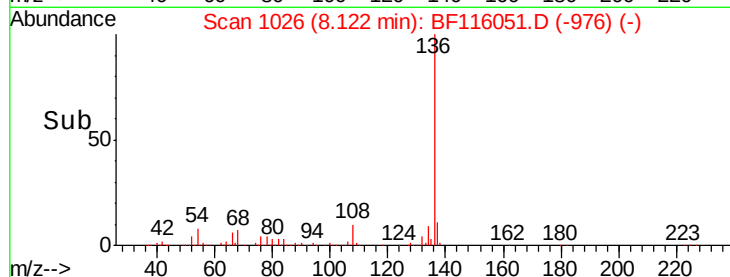


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.691 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Tgt Ion:105 Resp: 506140

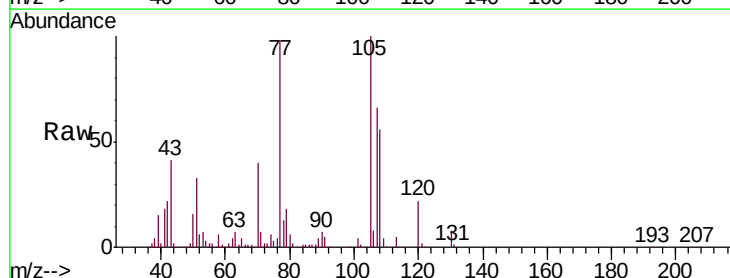
Ion Ratio Lower Upper

105 100

71 6.7 5.9 8.9

51 32.5 25.3 37.9

120 22.0 17.9 26.9

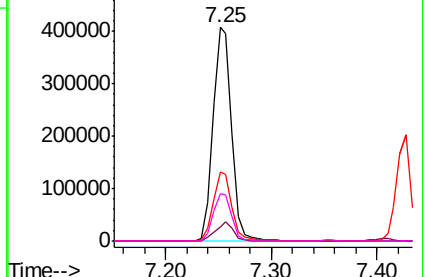
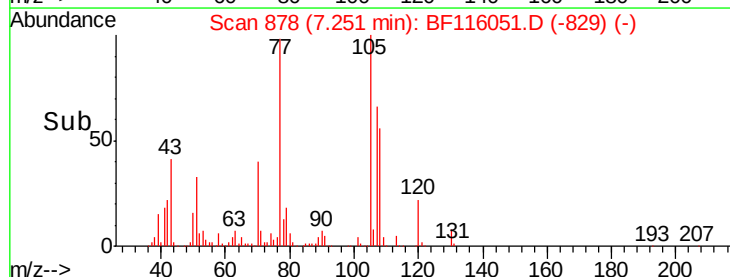


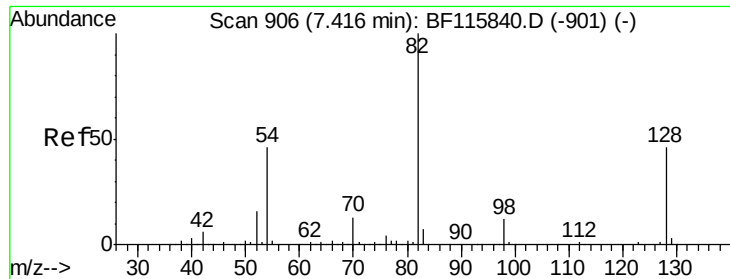
Abundance Ion 105.00 (104.70 to 105.70): E

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

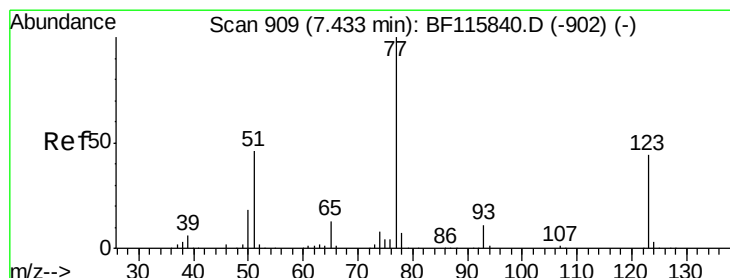
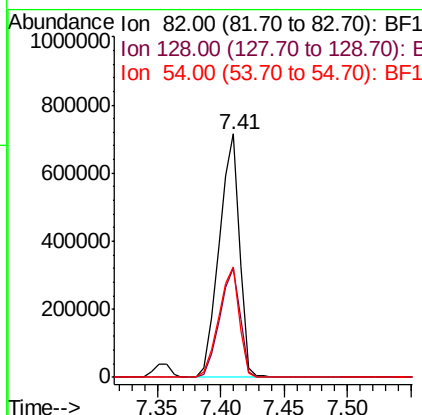
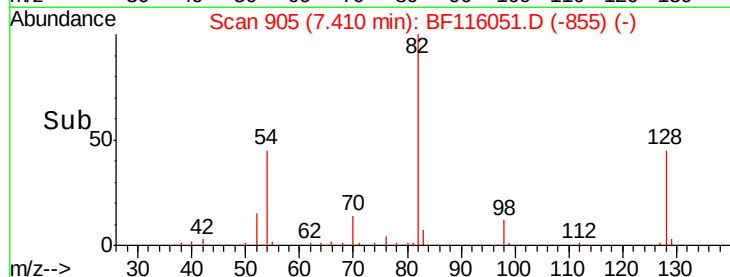
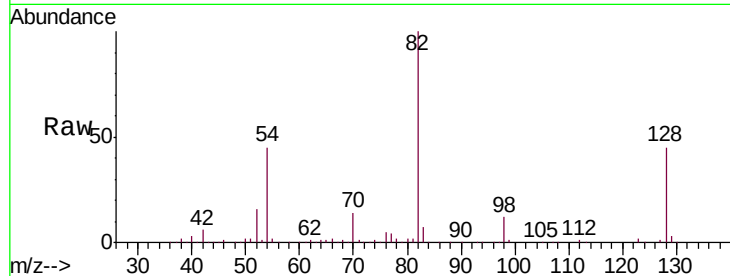




#23
 Nitrobenzene-d5
 Concen: 84.016 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

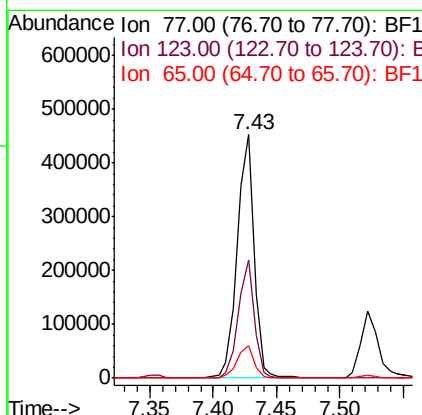
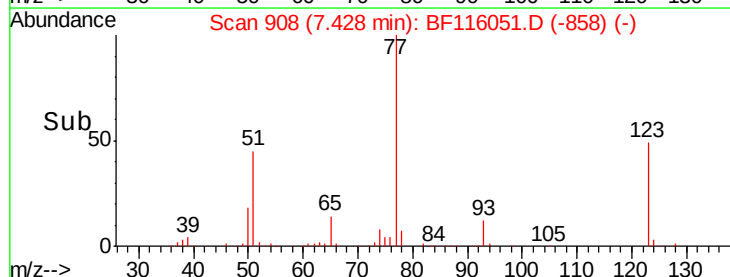
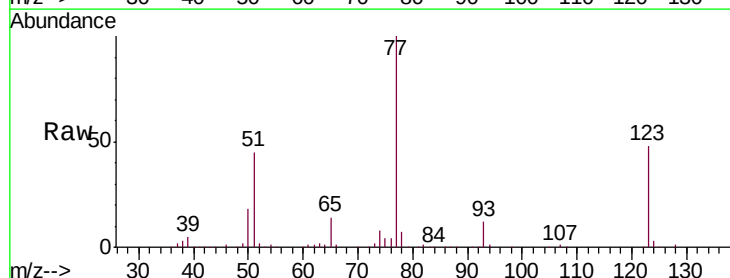
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

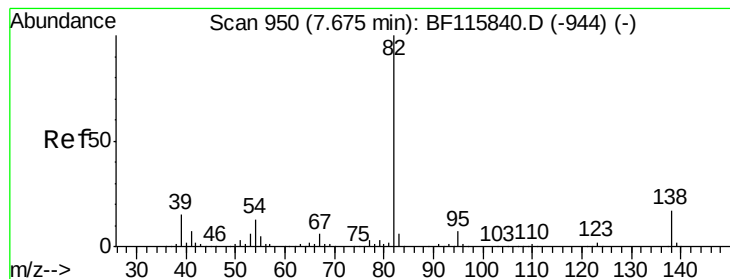
Tgt Ion: 82 Resp: 805699
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 45.1 36.0 54.0



#24
 Nitrobenzene
 Concen: 39.898 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion: 77 Resp: 413137
 Ion Ratio Lower Upper
 77 100
 123 48.3 36.7 55.1
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 41.504 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

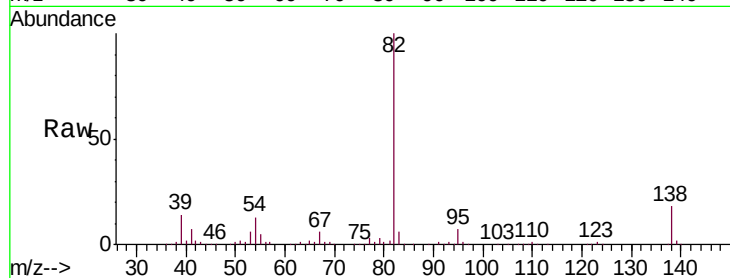
Tgt Ion: 82 Resp: 761067

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

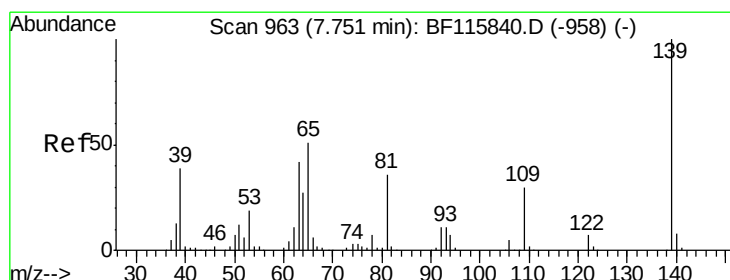
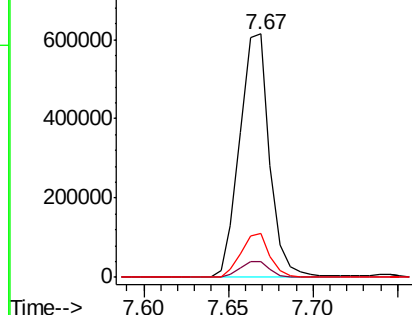
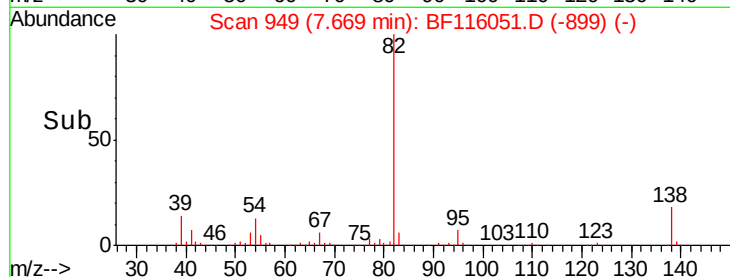
138 18.1 14.5 21.7



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: 42.202 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

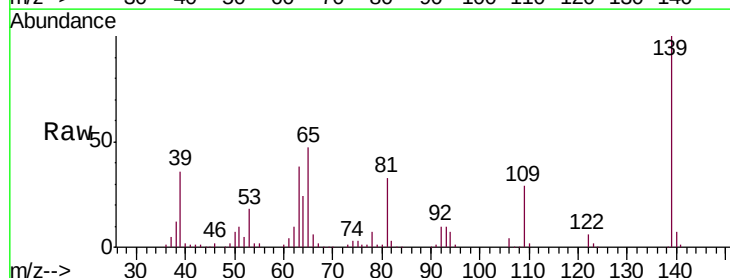
Tgt Ion: 139 Resp: 205989

Ion Ratio Lower Upper

139 100

109 28.5 23.4 35.2

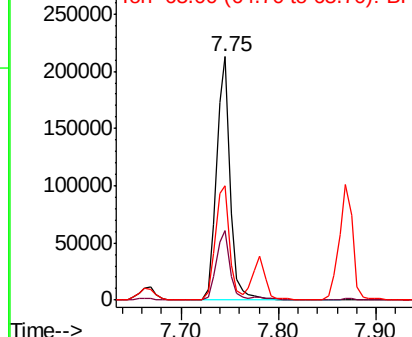
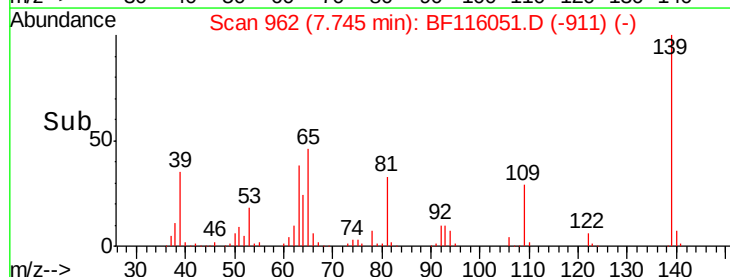
65 46.9 41.1 61.7

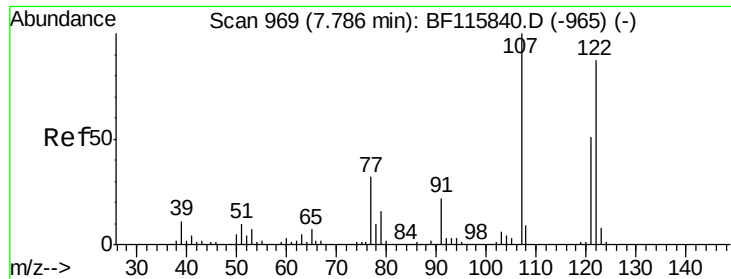


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

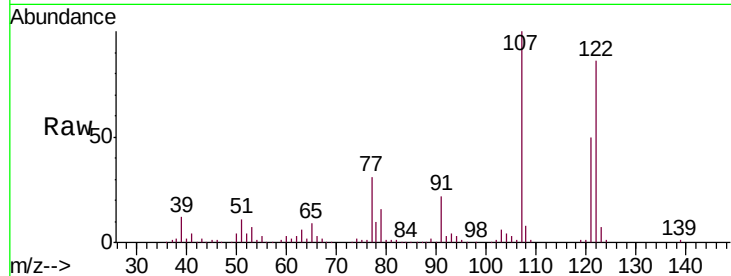




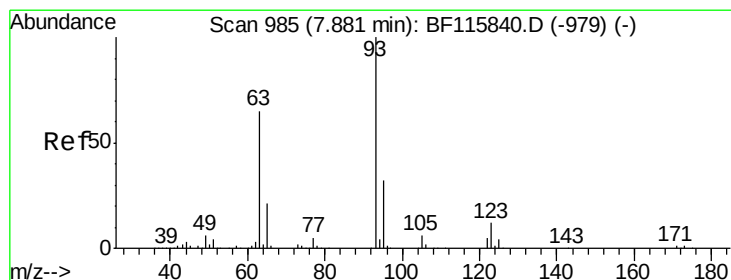
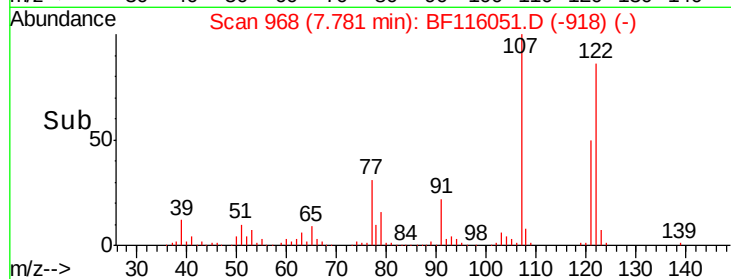
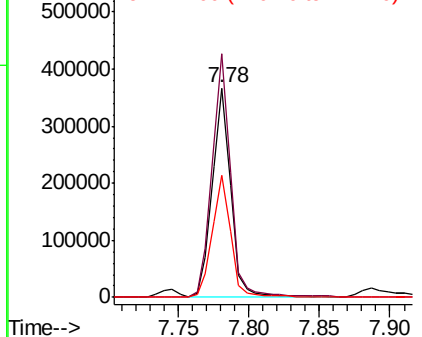
#27
 2,4-Dimethylphenol
 Concen: 46.050 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tgt Ion:122 Resp: 338165
 Ion Ratio Lower Upper
 122 100
 107 116.2 93.0 139.6
 121 58.3 47.6 71.4

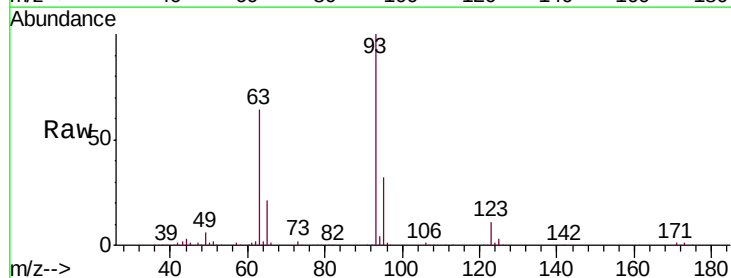


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

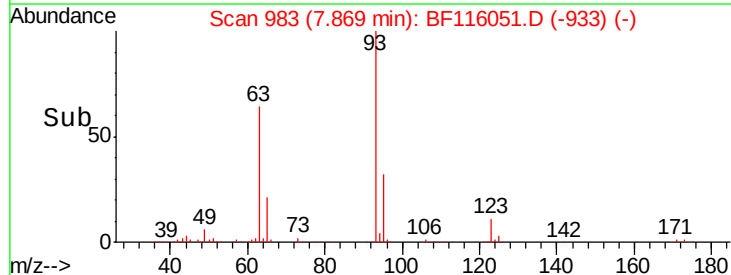
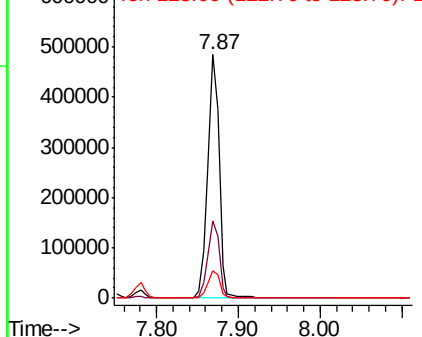


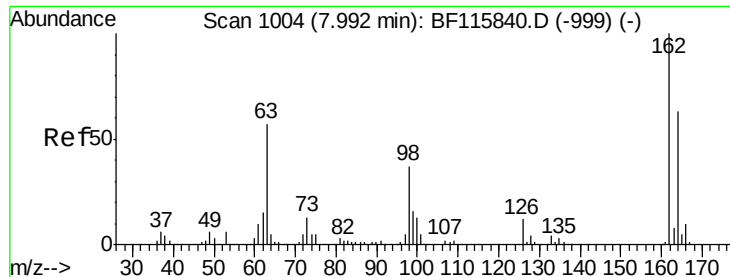
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.184 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion: 93 Resp: 468085
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.4
 123 11.2 9.2 13.8



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

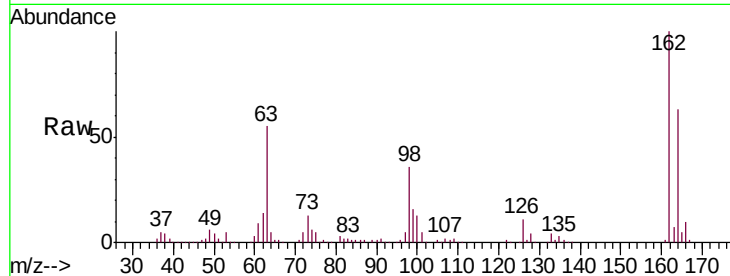




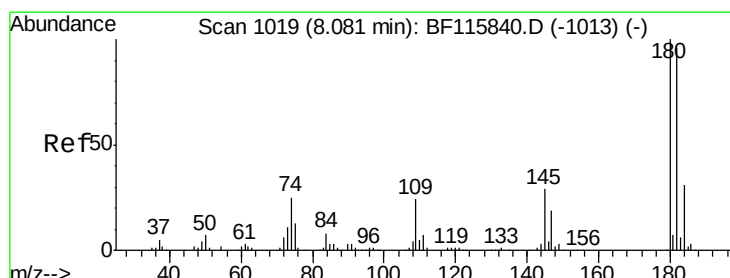
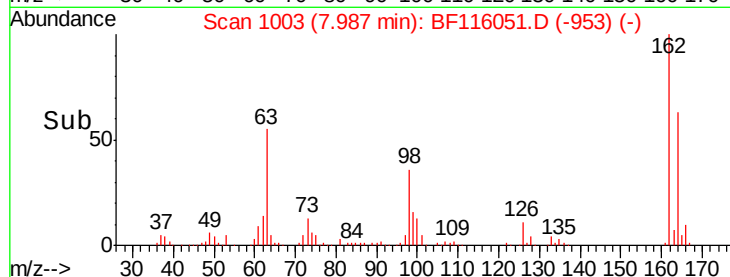
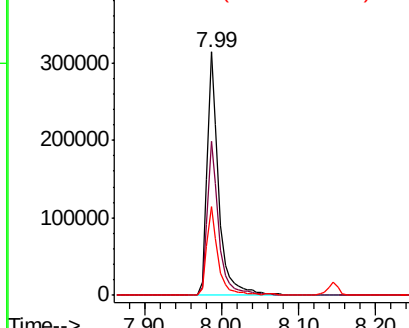
#29
2,4-Dichlorophenol
Concen: 42.197 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	327184		
164	63.1	45.1	85.1	
98	36.4	15.8	55.8	

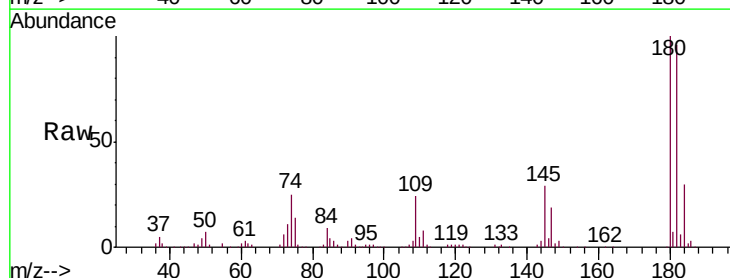


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

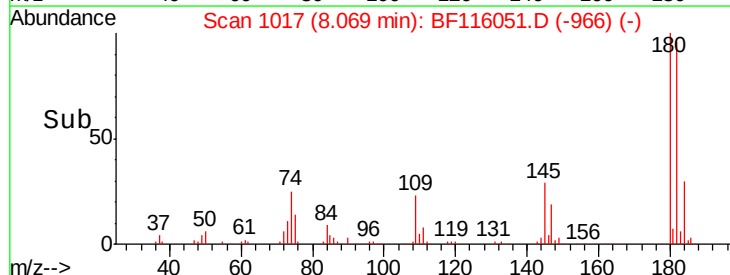
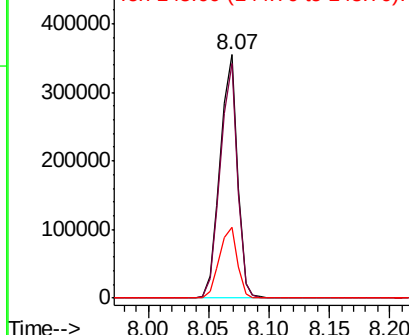


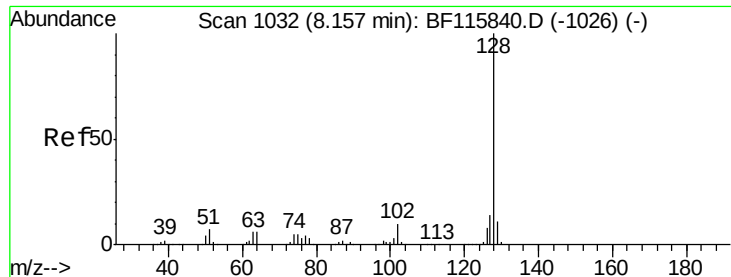
#30
1,2,4-Trichlorobenzene
Concen: 39.927 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	352898		
182	96.5	75.7	113.5	
145	29.1	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

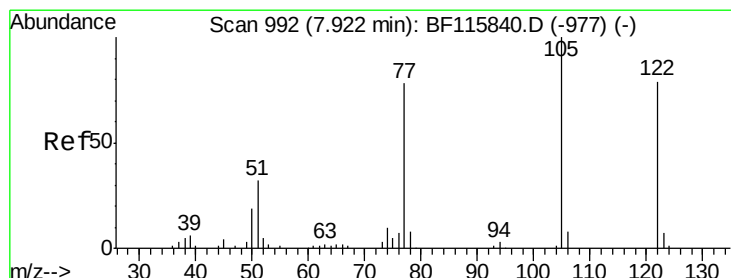
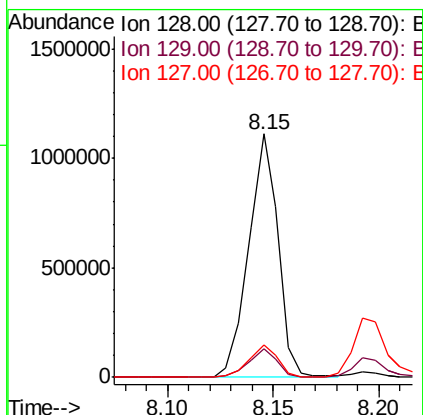
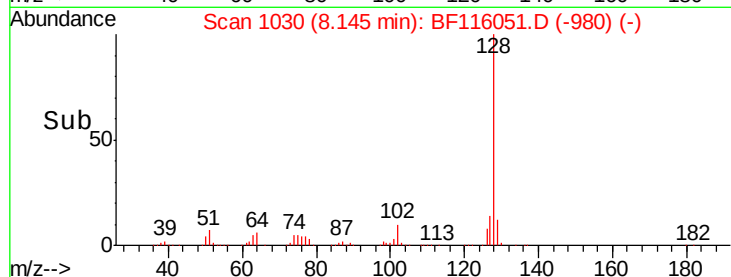
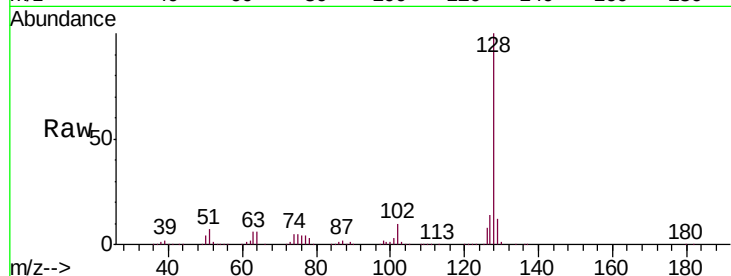




#31
Naphthalene
Concen: 41.195 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

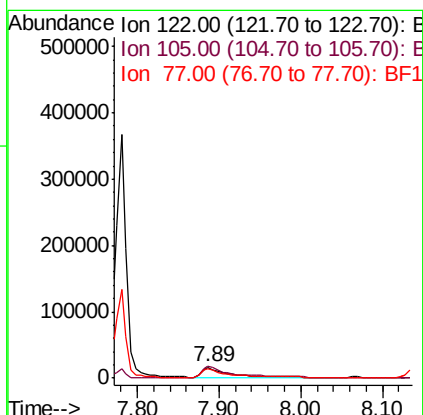
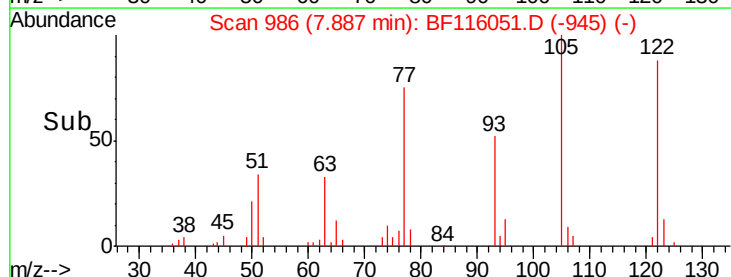
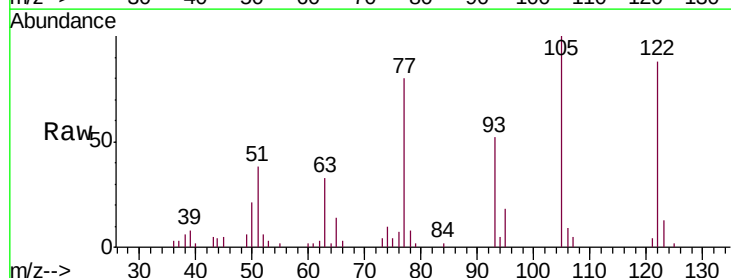
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

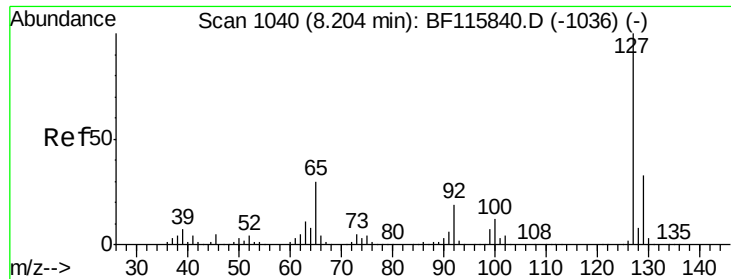
Tgt Ion:128 Resp: 1073086
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 7.249 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:122 Resp: 37530
Ion Ratio Lower Upper
122 100
105 114.2 106.1 146.1
77 91.7 76.7 116.7

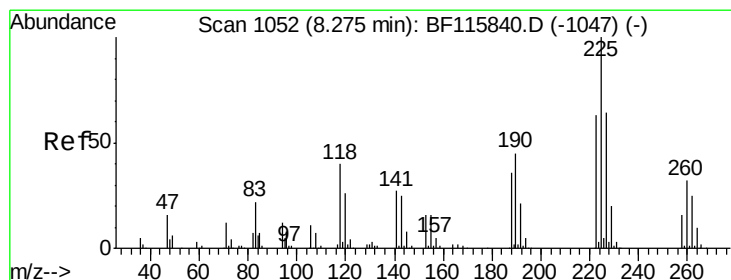
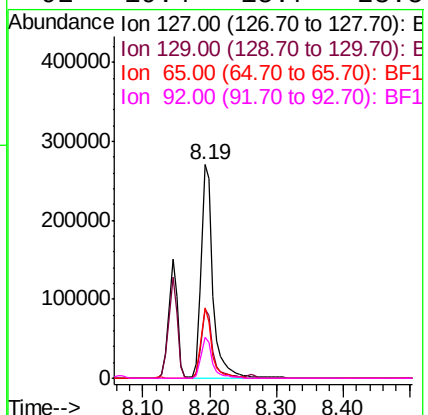
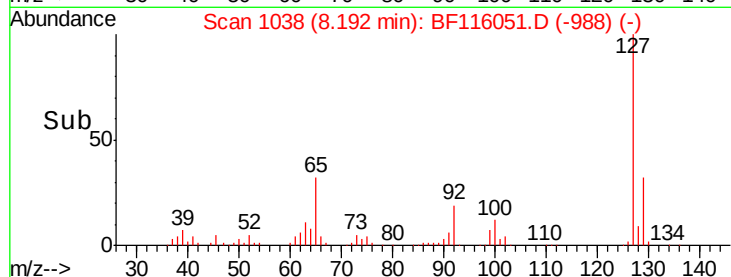
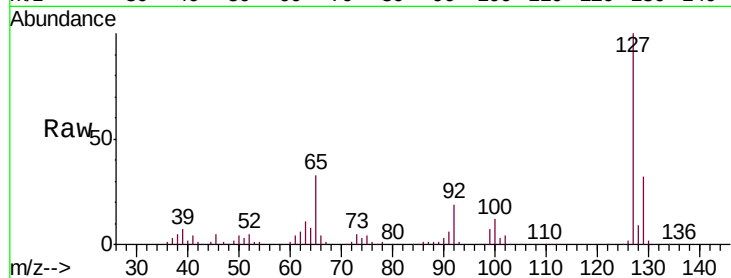




#33
4-Chloroaniline
Concen: 27.651 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

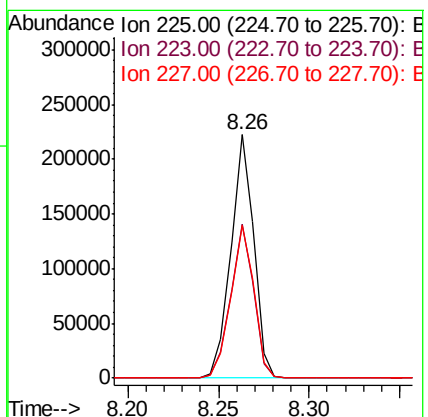
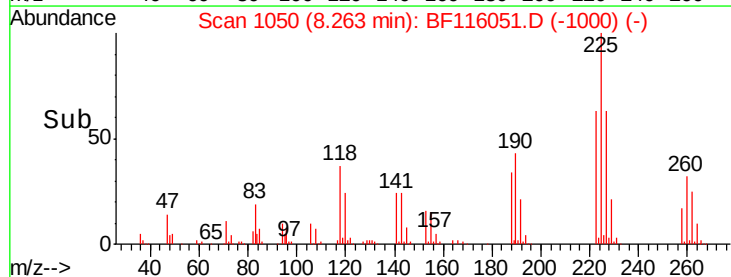
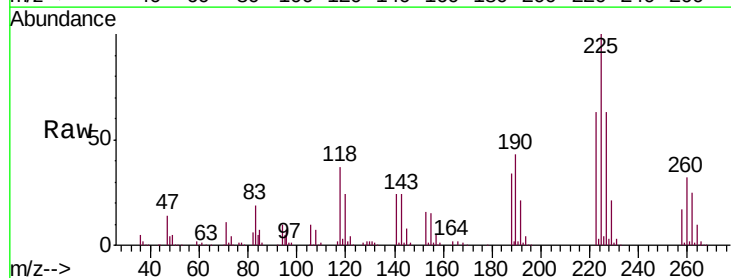
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

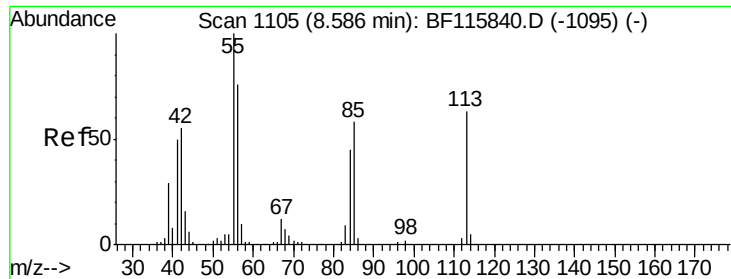
Tgt Ion:	127	Resp:	321832
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	32.7	24.9	37.3
92	19.4	15.7	23.5



#34
Hexachlorobutadiene
Concen: 38.631 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:	225	Resp:	196669
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	62.9	51.0	76.4

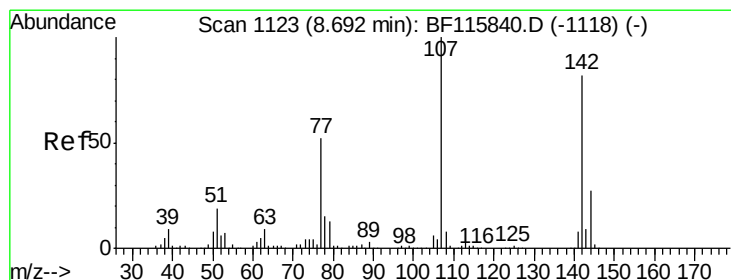
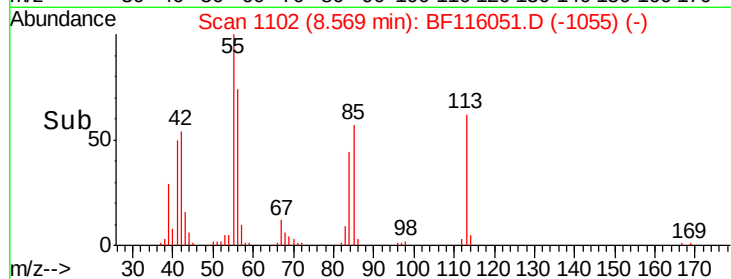
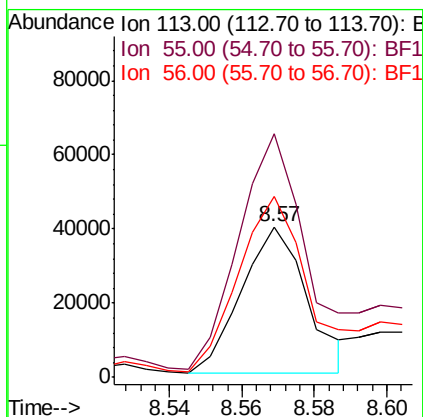
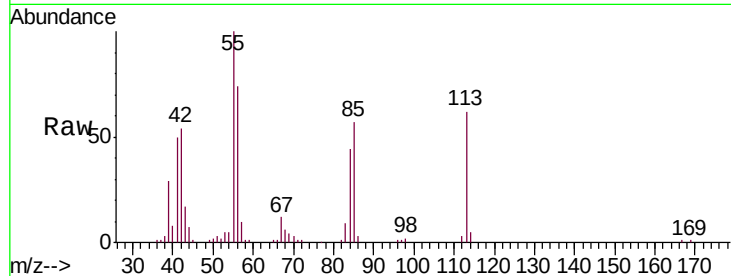




#35
 Caprolactam
 Concen: 19.722 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

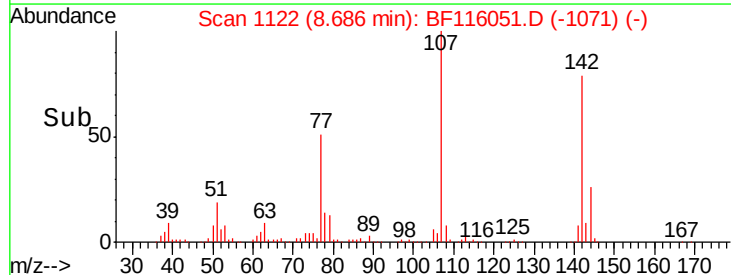
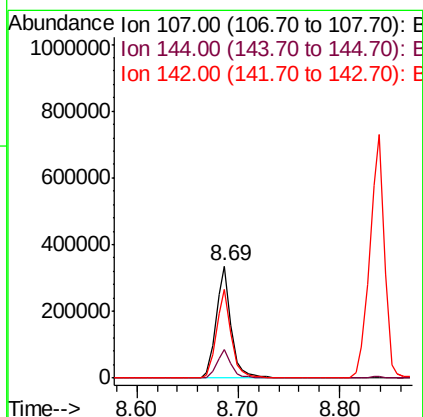
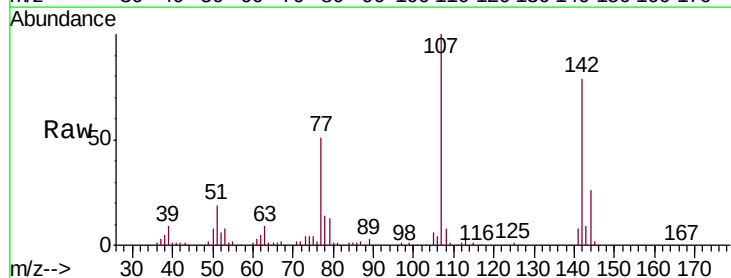
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

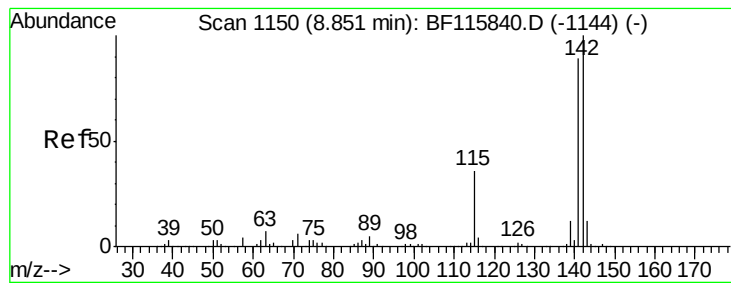
Tgt Ion:113 Resp: 49458
 Ion Ratio Lower Upper
 113 100
 55 161.5 144.3 184.3
 56 120.0 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.557 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:107 Resp: 343280
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 79.4 61.7 92.5

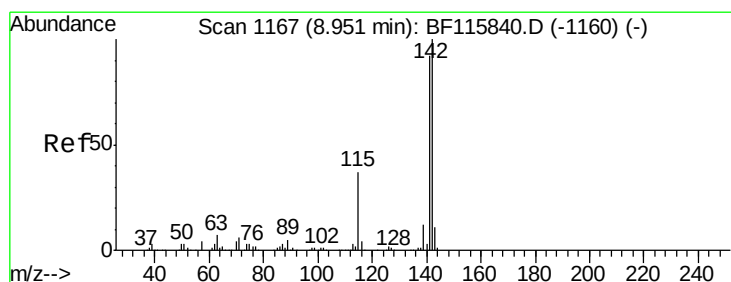
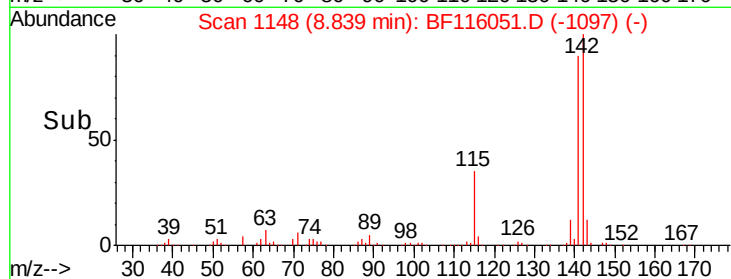
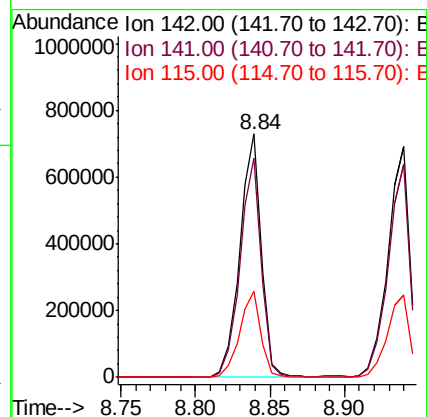
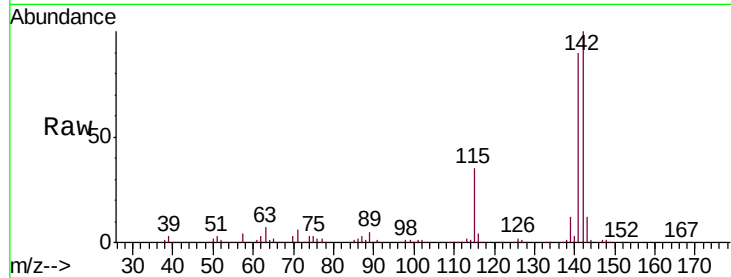




#37
 2-Methylnaphthalene
 Concen: 42.705 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

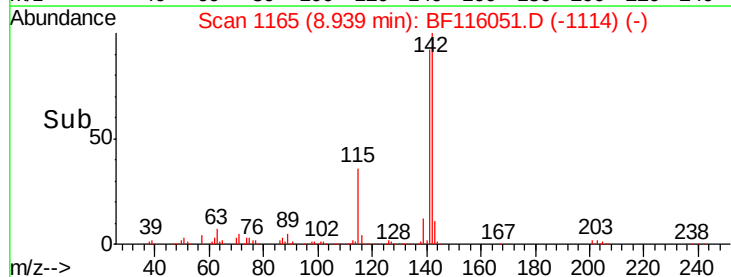
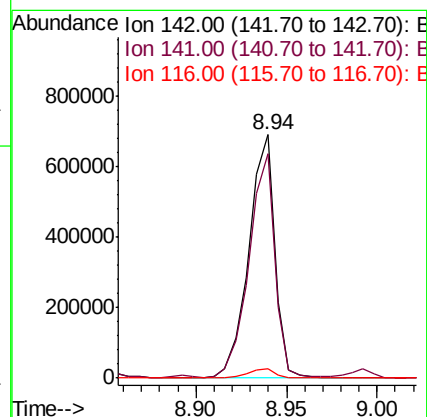
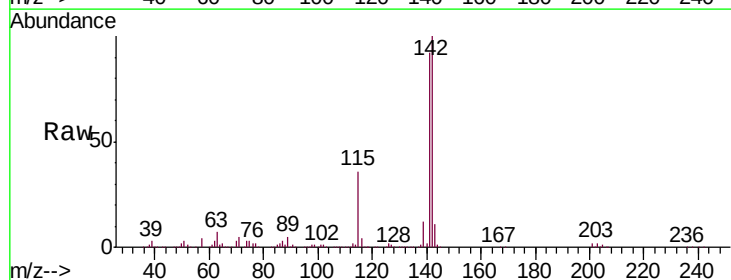
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

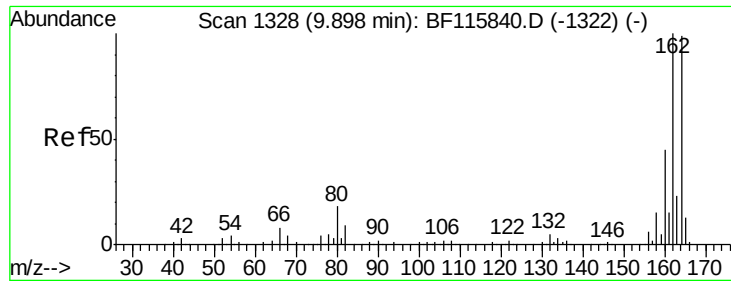
Tgt Ion:142 Resp: 732631
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.9 106.3
 115 35.1 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 42.140 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:142 Resp: 683918
 Ion Ratio Lower Upper
 142 100
 141 92.4 74.4 111.6
 116 3.7 3.1 4.7

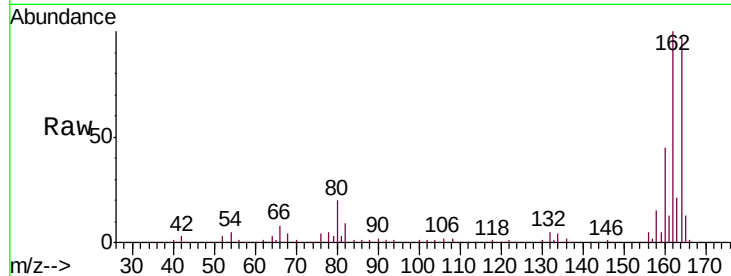




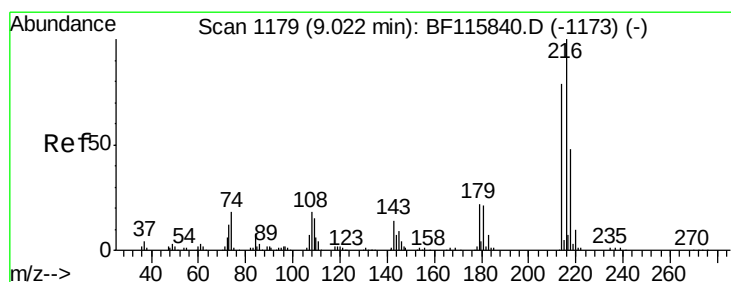
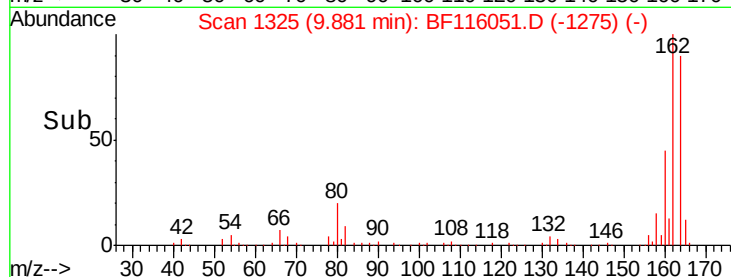
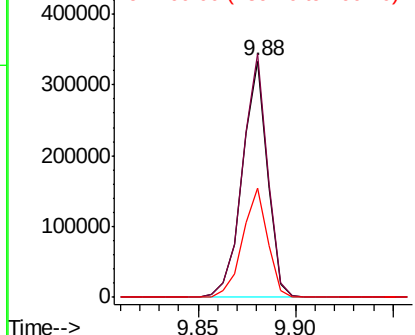
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tgt Ion:164 Resp: 296523
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 124.0
 160 46.0 37.6 56.4

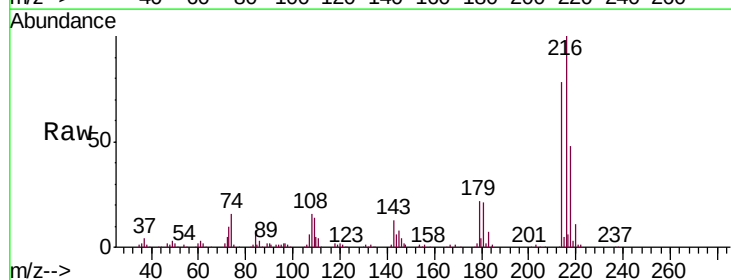


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

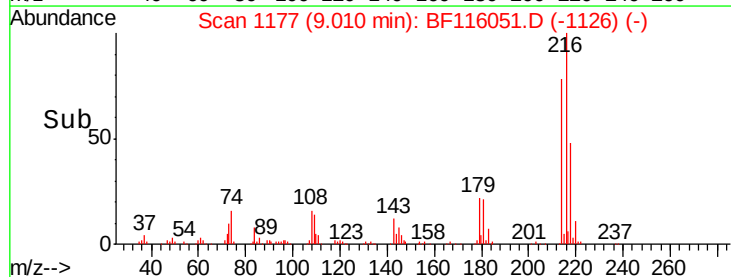
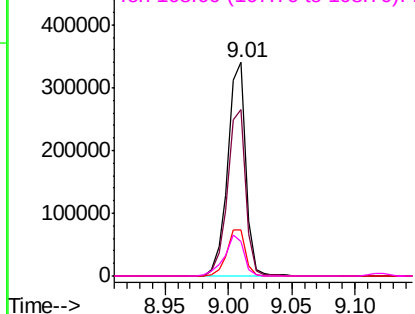


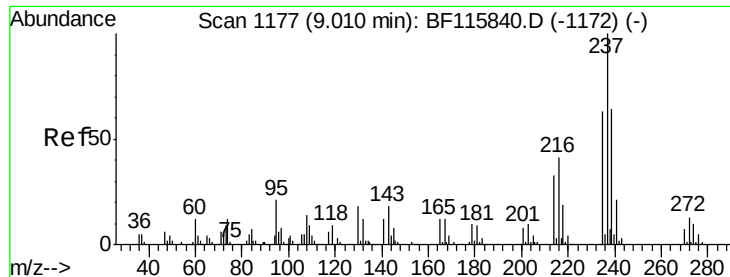
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.326 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:216 Resp: 335528
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.6 95.4
 179 22.1 17.8 26.8
 108 20.8 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

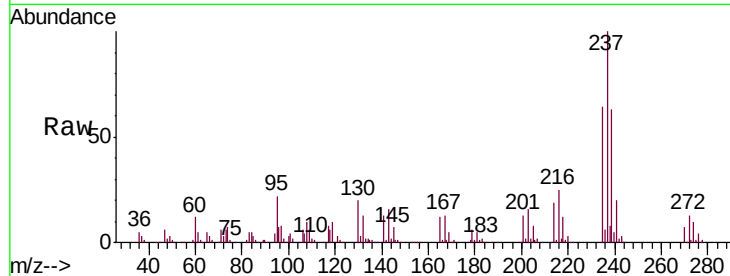




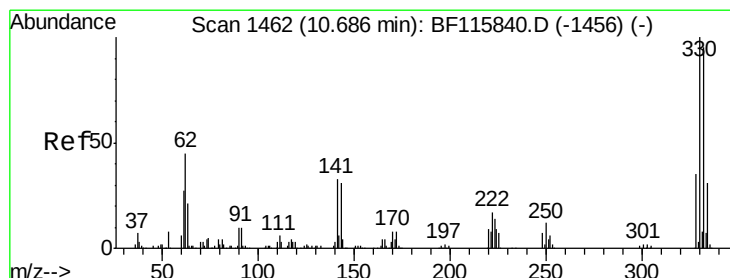
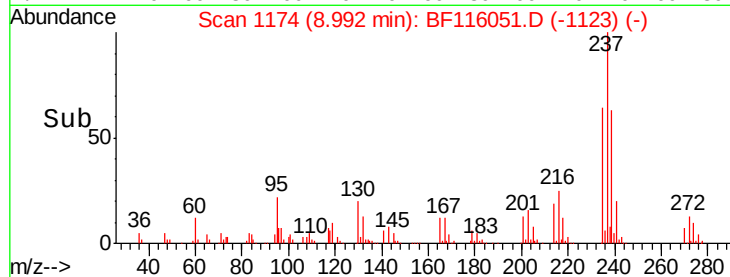
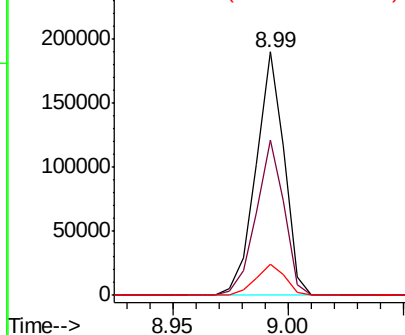
#41
Hexachlorocyclopentadiene
Concen: 48.196 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tgt Ion: 237 Resp: 162469
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.0 0.0 33.2

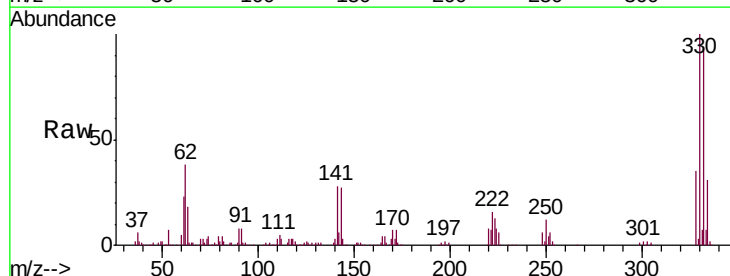


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

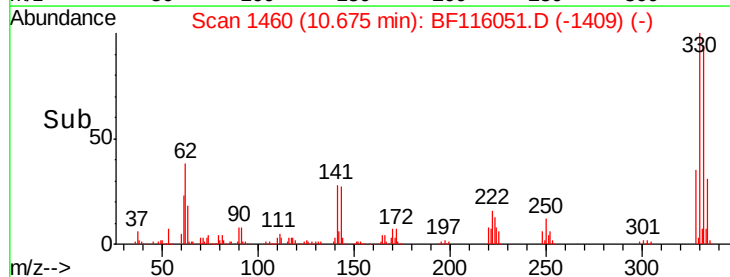
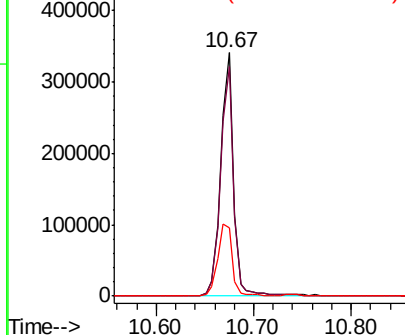


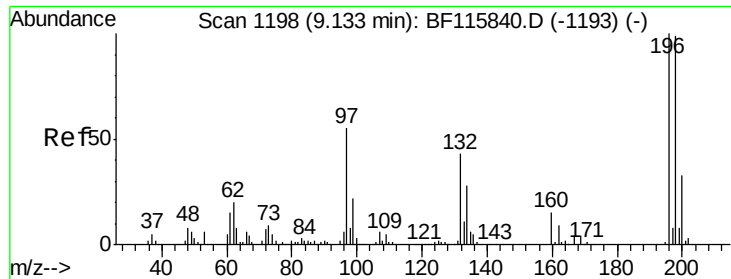
#42
2,4,6-Tribromophenol
Concen: 109.576 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 330 Resp: 315016
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 33.8 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

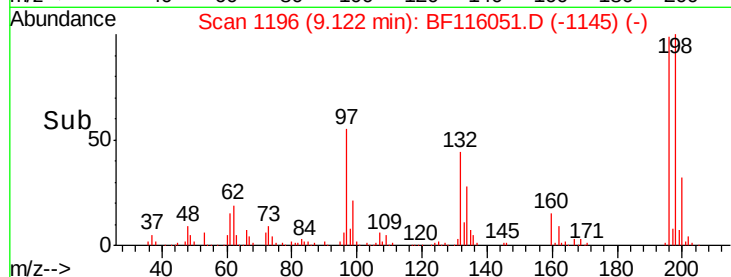
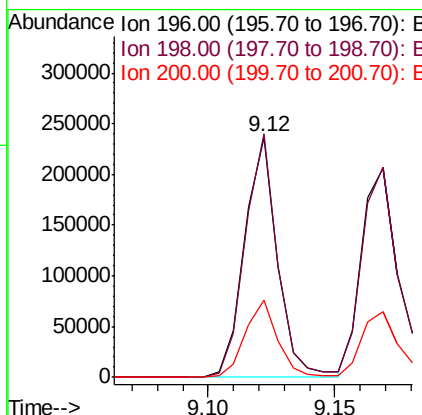
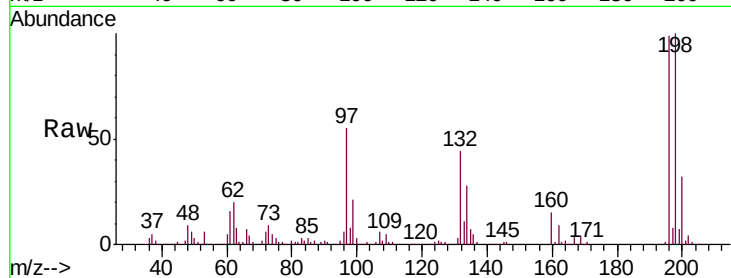




#43
 2,4,6-Trichlorophenol
 Concen: 39.457 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

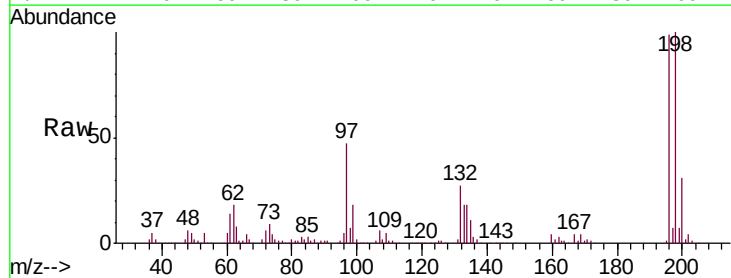
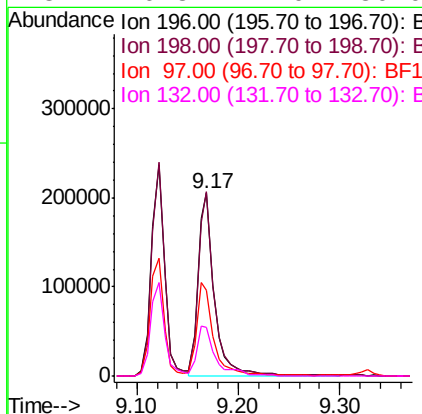
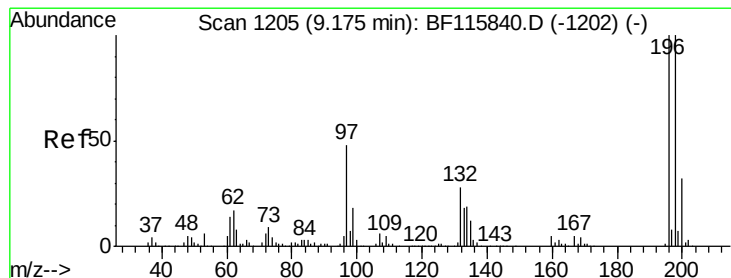
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

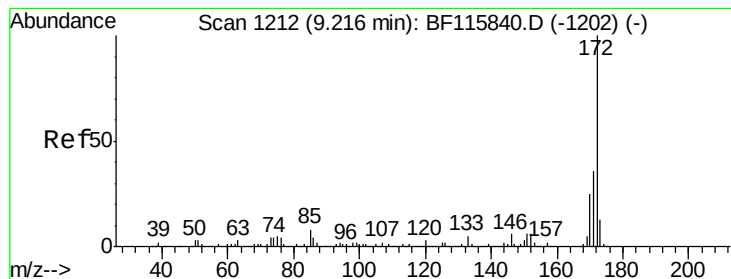
Tgt Ion:196 Resp: 215294
 Ion Ratio Lower Upper
 196 100
 198 101.3 79.2 118.8
 200 32.2 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.413 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:196 Resp: 227942
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.8 118.2
 97 47.1 42.2 63.4
 132 26.8 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 75.101 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

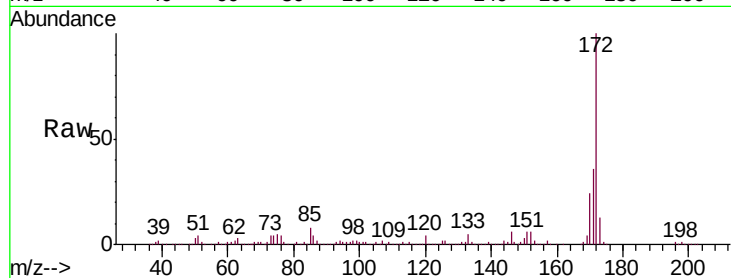
Tgt Ion:172 Resp: 1188909

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

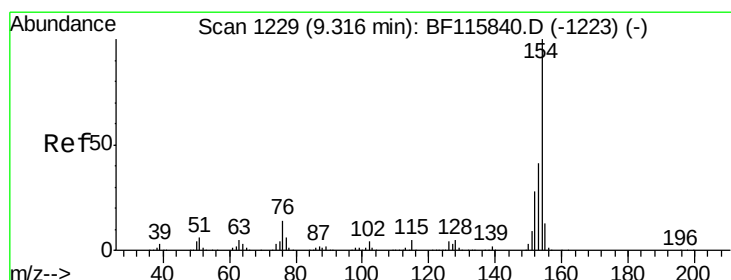
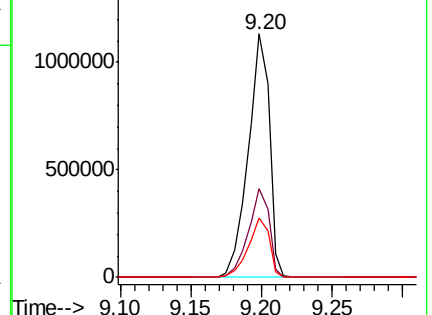
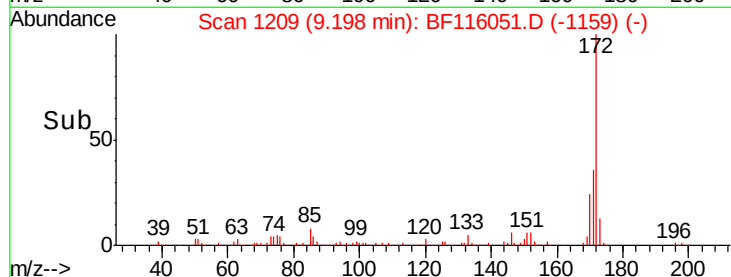
170 24.4 20.1 30.1



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: 42.845 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

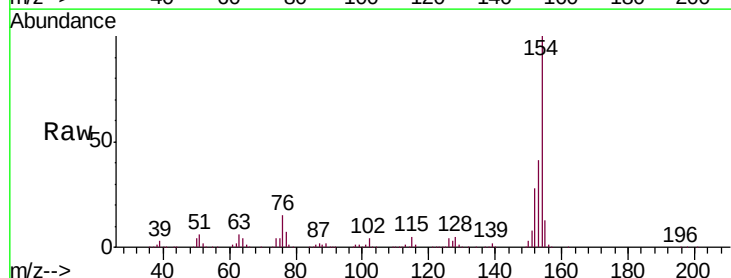
Tgt Ion:154 Resp: 896935

Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

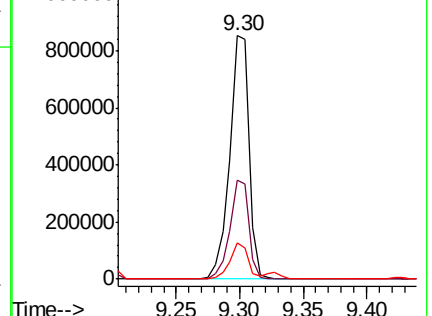
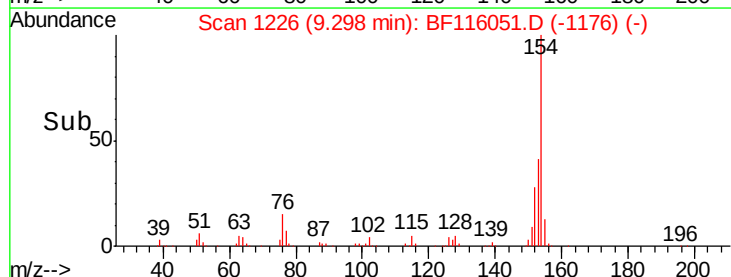
76 14.7 0.0 35.2

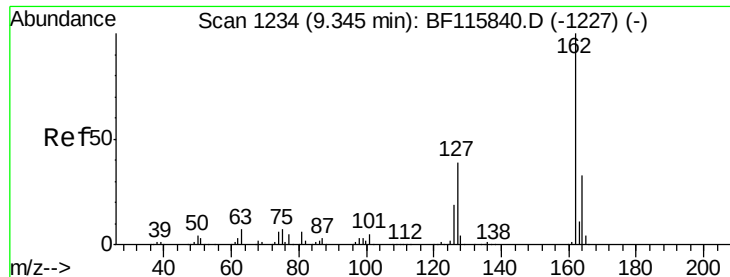


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

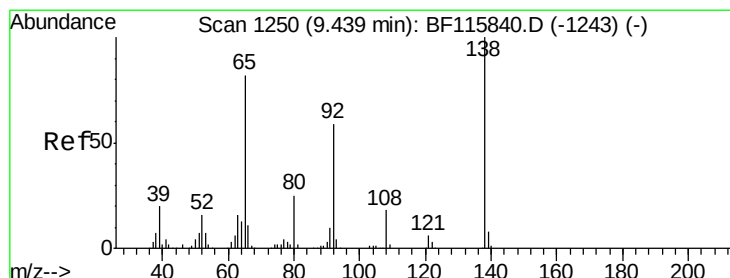
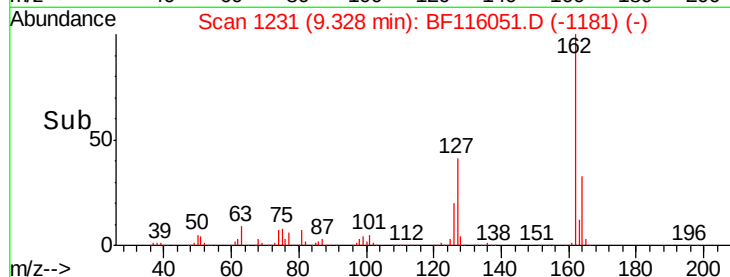
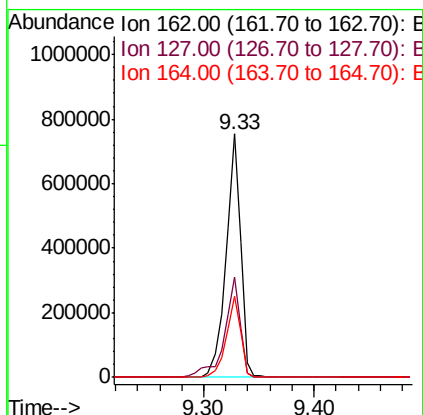
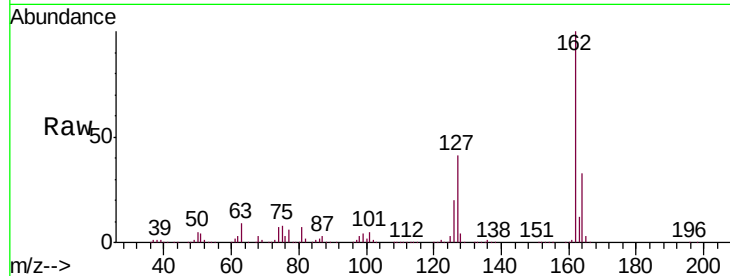




#47
 2-Chloronaphthalene
 Concen: 40.181 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

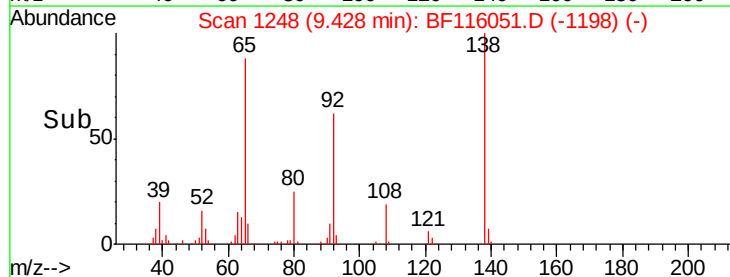
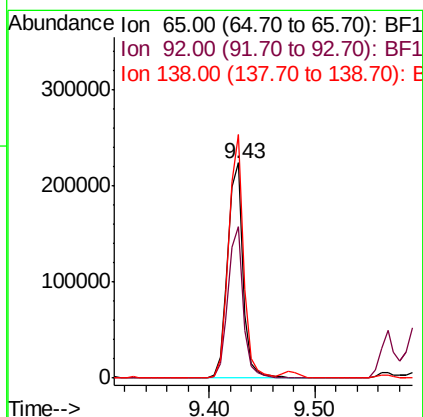
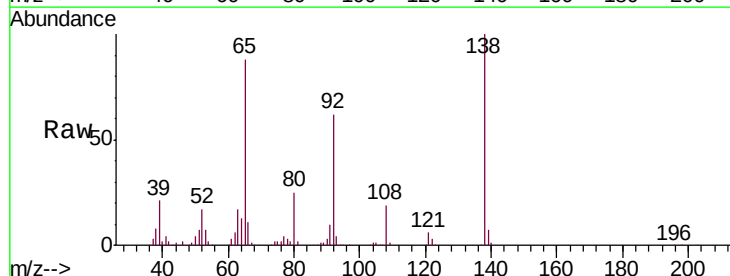
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

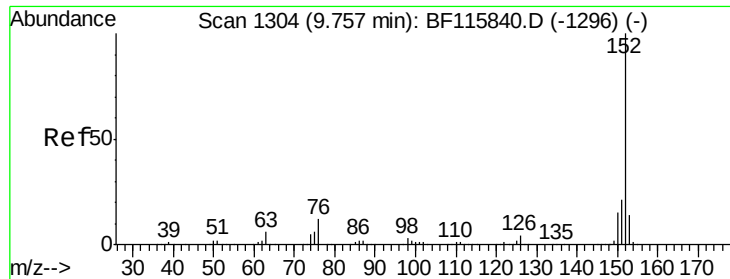
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	32.8	49.2
164	33.2	26.6	39.8



#48
 2-Nitroaniline
 Concen: 39.319 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.8	86.8
138	113.3	94.0	141.0





#49

Acenaphthylene

Concen: 42.252 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

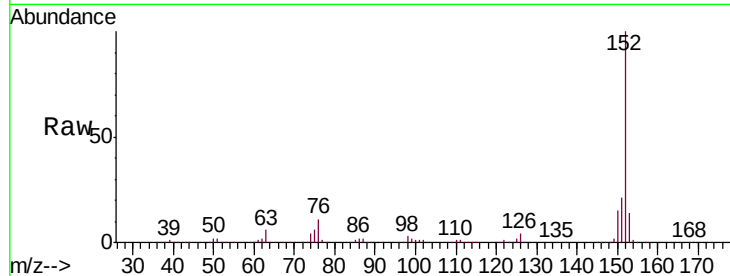
Tgt Ion:152 Resp: 1074013

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

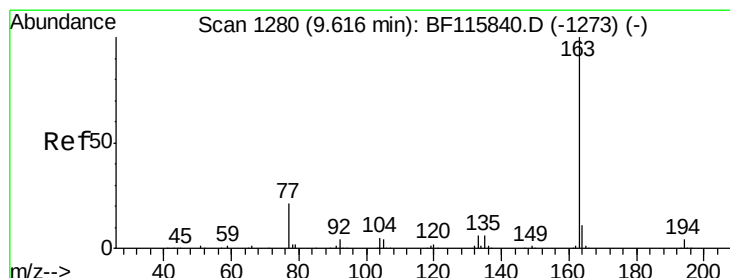
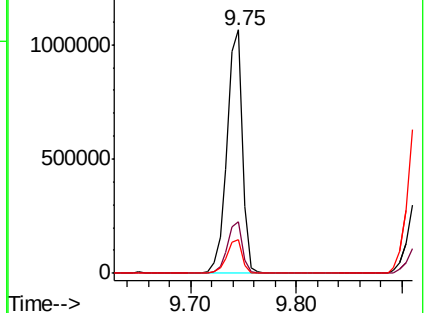
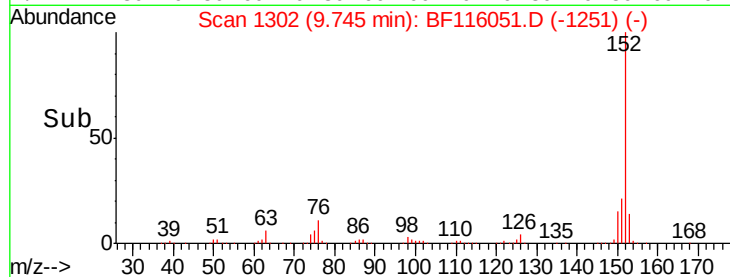
153 14.1 11.8 17.8



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: 54.333 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

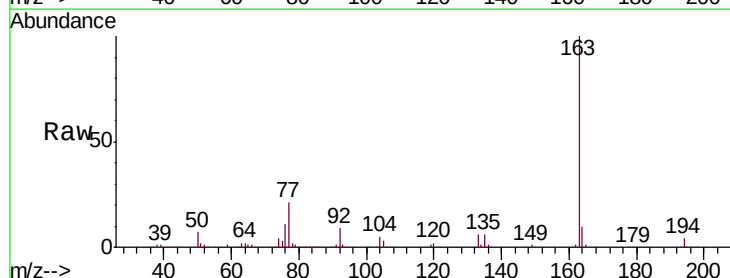
Tgt Ion:163 Resp: 1096968

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

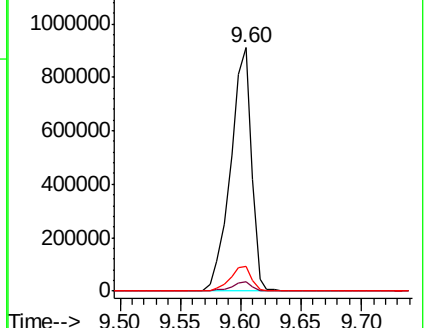
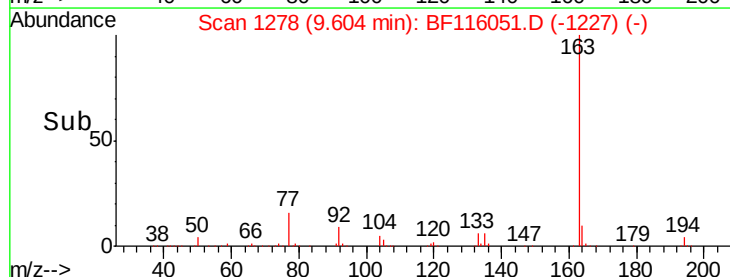
164 10.2 8.4 12.6

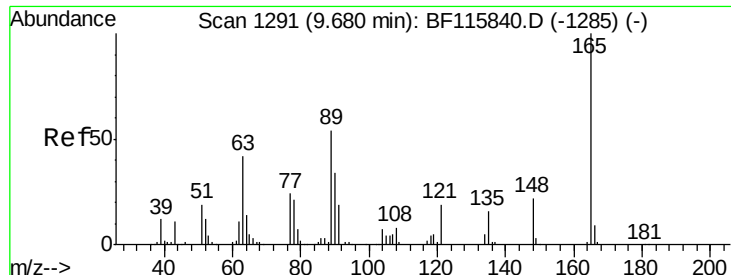


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

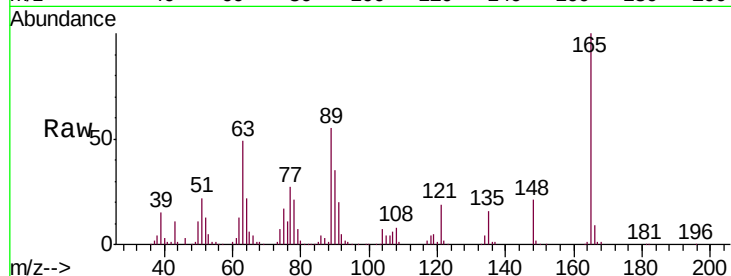




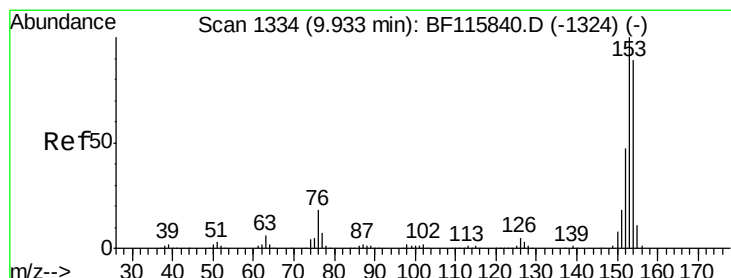
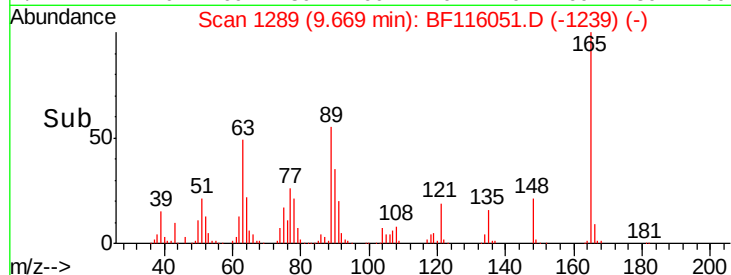
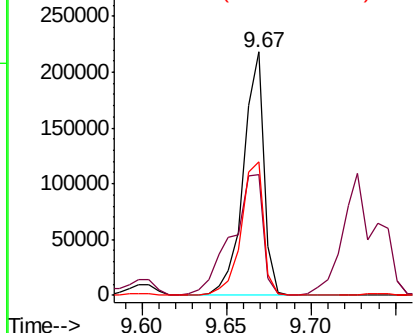
#51
2,6-Dinitrotoluene
Concen: 42.382 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tgt Ion:165 Resp: 185954
Ion Ratio Lower Upper
165 100
63 49.4 38.2 57.2
89 55.0 42.9 64.3

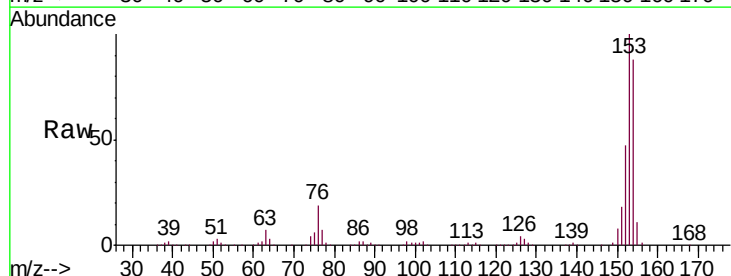


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

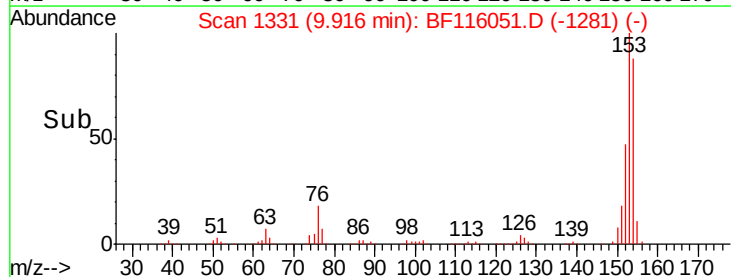
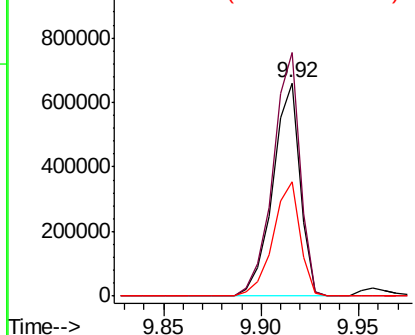


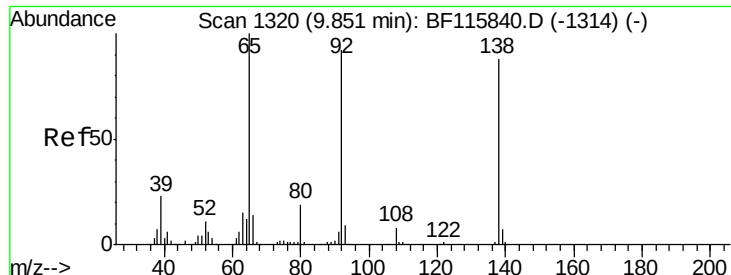
#52
Acenaphthene
Concen: 41.203 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:154 Resp: 642536
Ion Ratio Lower Upper
154 100
153 114.1 89.4 134.0
152 53.6 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

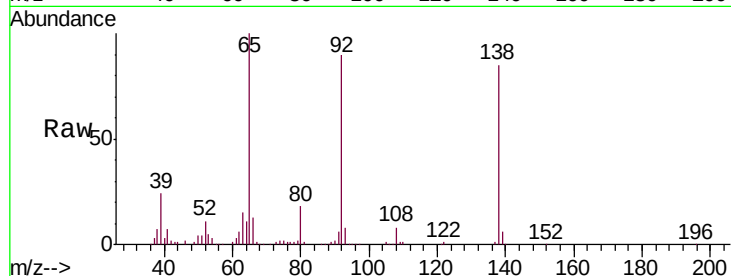




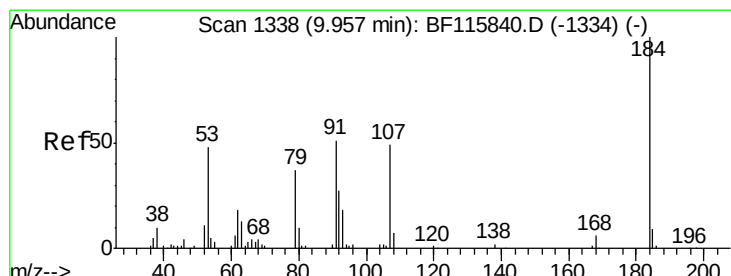
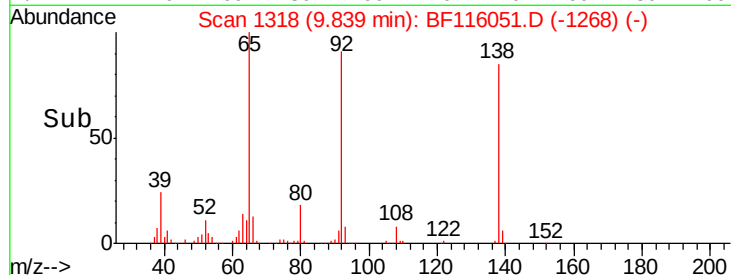
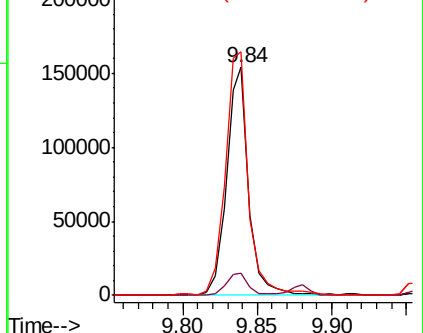
#53
 3-Nitroaniline
 Concen: 29.703 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tgt Ion:138 Resp: 161036
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.0 12.0
 92 106.8 91.0 136.6

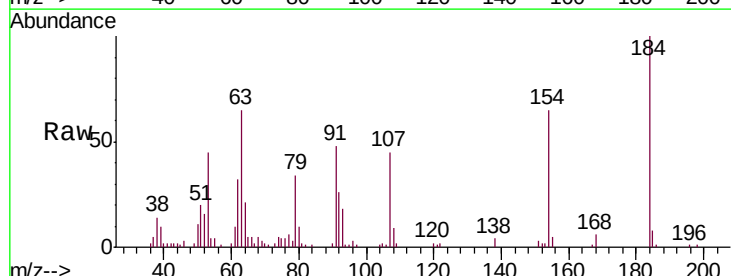


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

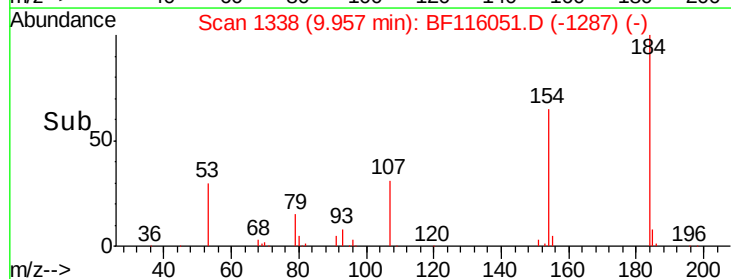
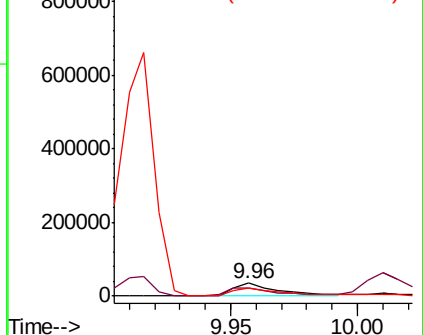


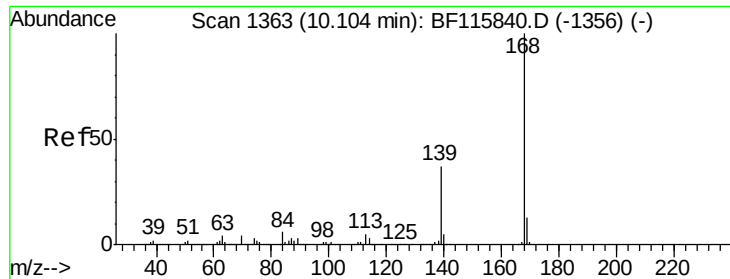
#54
 2,4-Dinitrophenol
 Concen: 25.846 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:184 Resp: 44598
 Ion Ratio Lower Upper
 184 100
 63 65.0 53.0 79.4
 154 65.1 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

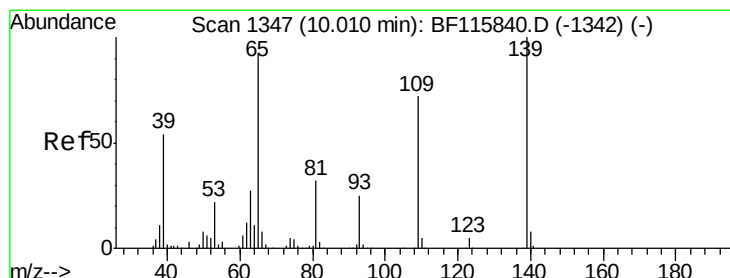
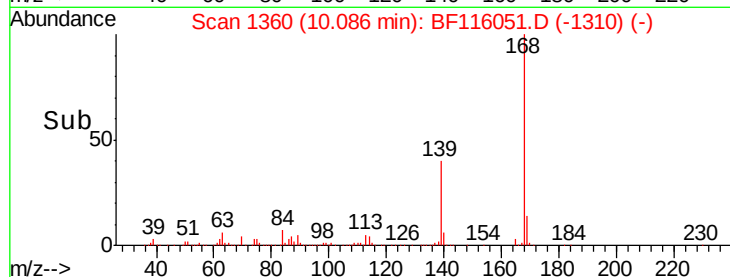
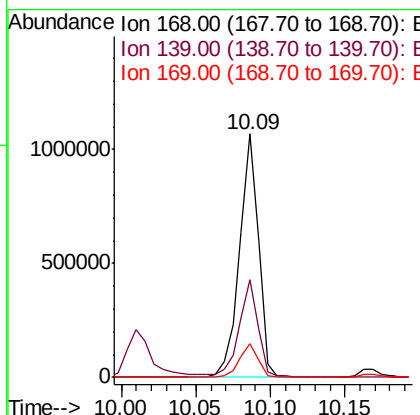
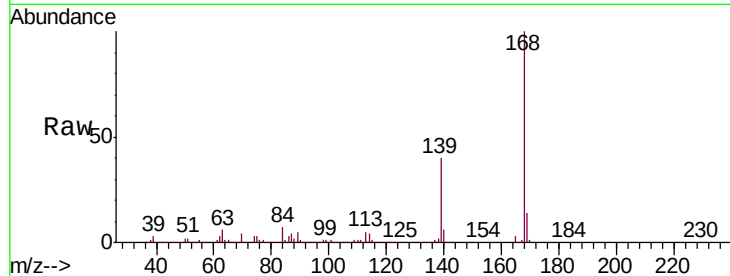




#55
Dibenzenofuran
Concen: 41.914 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

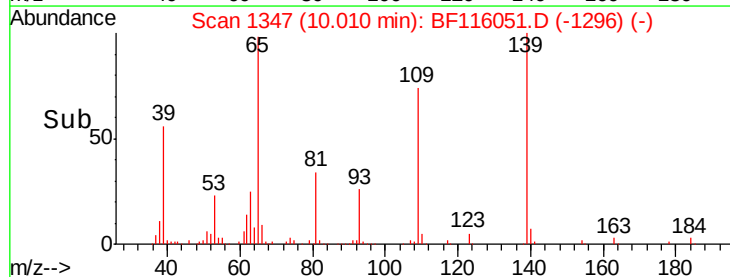
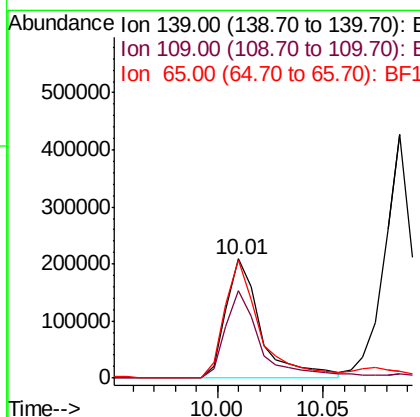
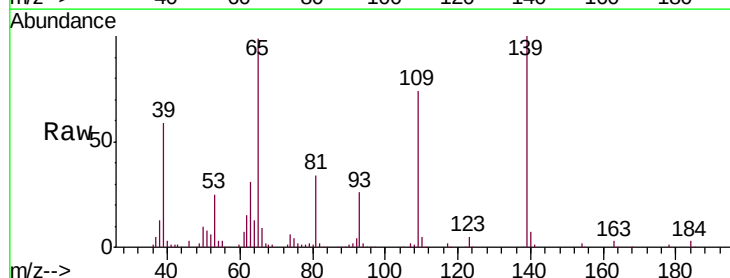
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

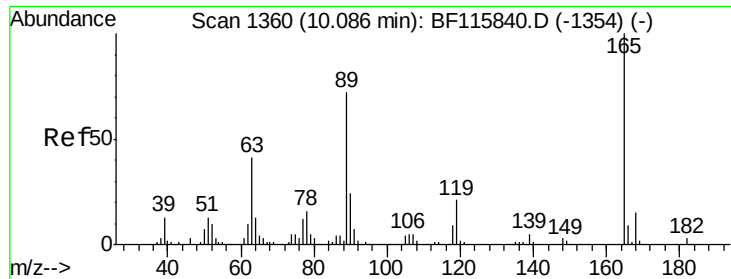
Tgt Ion:168 Resp: 950537
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.2
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 69.380 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:139 Resp: 240957
Ion Ratio Lower Upper
139 100
109 73.5 54.4 94.4
65 99.0 80.6 120.6





#57

2,4-Dinitrotoluene

Concen: 40.673 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

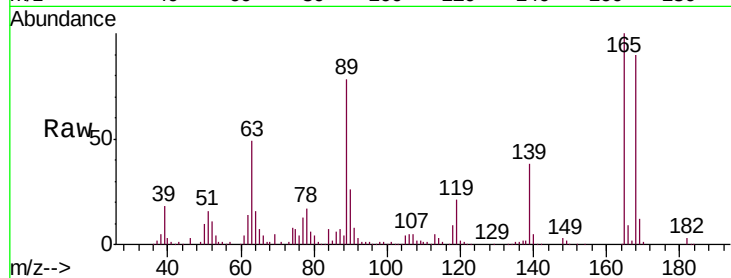
Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

Tgt Ion:	165	Resp:	237602
Ion	Ratio	Lower	Upper
165	100		
63	49.1	39.6	59.4
89	77.8	62.2	93.2
182	2.6	2.1	3.1

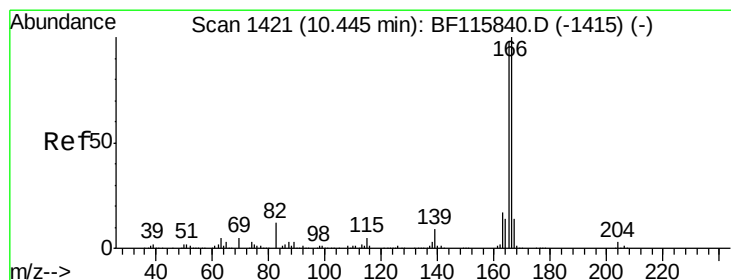
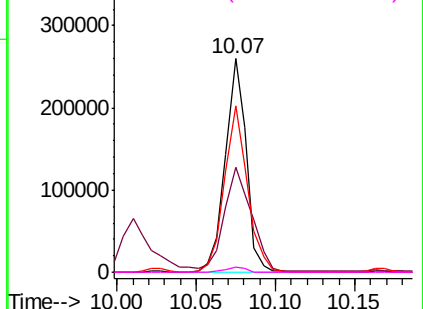
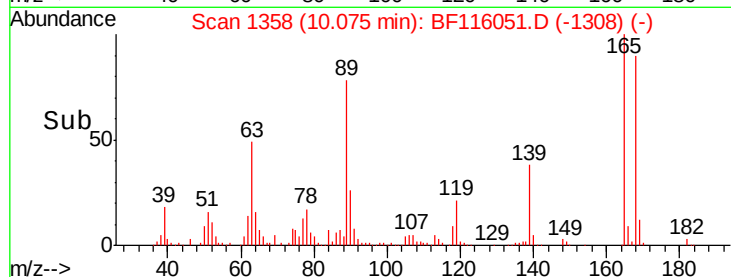


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.523 ng

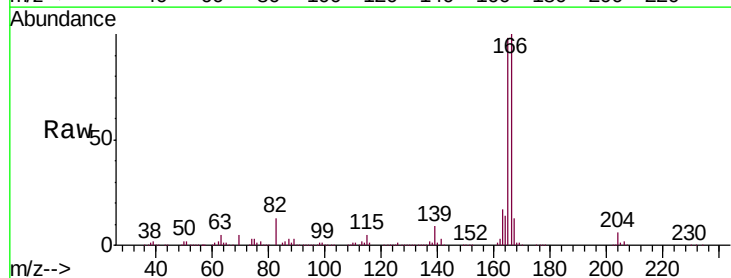
RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

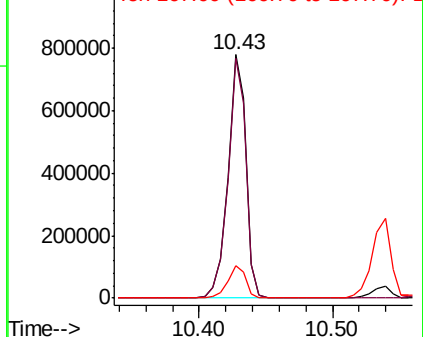
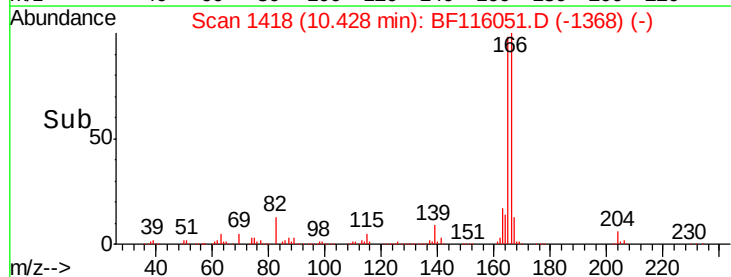
Tgt Ion:	166	Resp:	741955
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.4	11.0	16.4

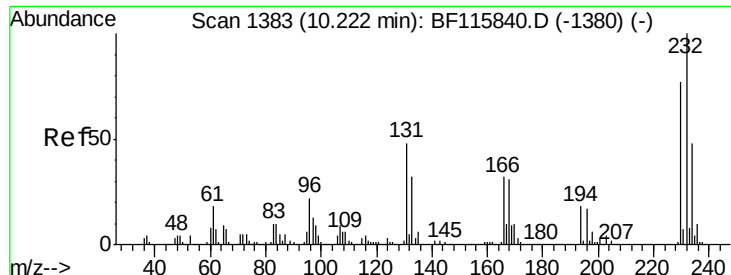


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

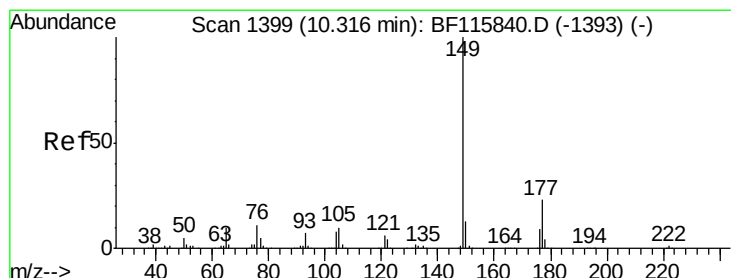
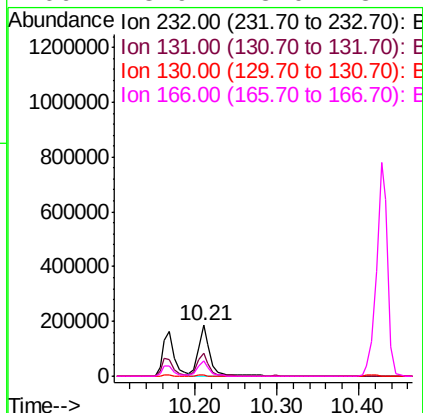
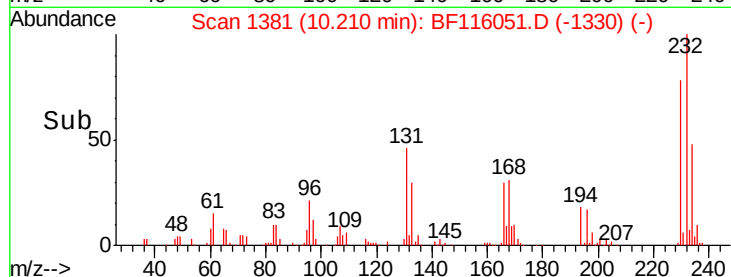
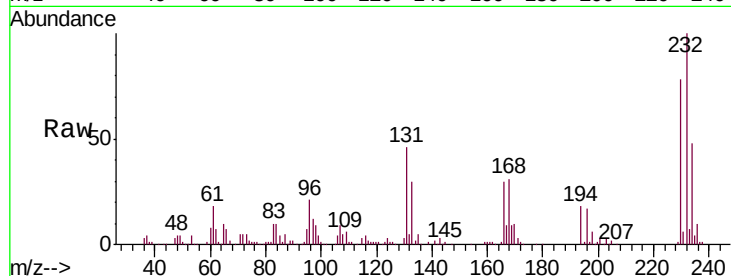




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.658 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

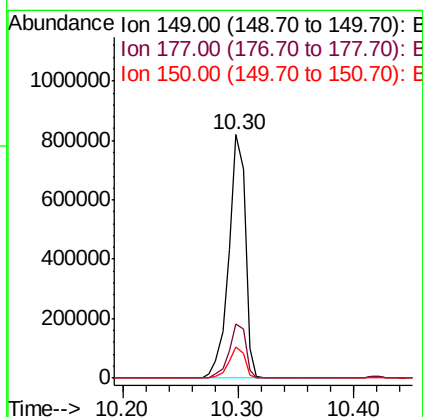
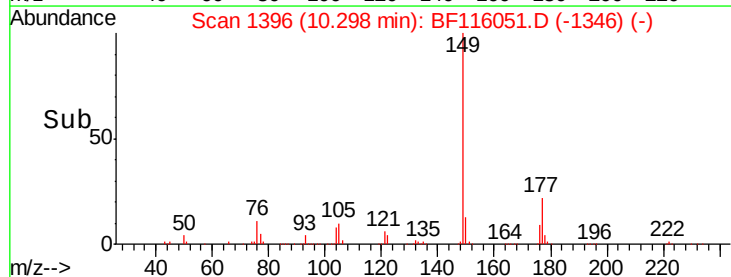
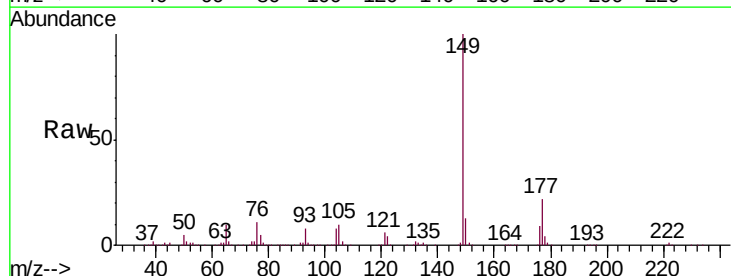
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

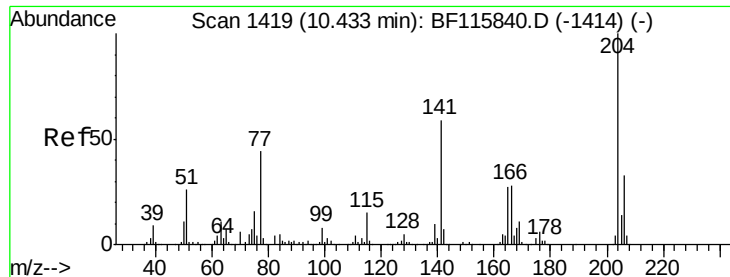
Tgt Ion: 232 Resp: 183445
 Ion Ratio Lower Upper
 232 100
 131 44.5 36.2 54.2
 130 2.4 1.9 2.9
 166 28.9 23.0 34.4



#60
 Diethylphthalate
 Concen: 43.129 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion: 149 Resp: 812966
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.8 28.2
 150 12.9 10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 42.557 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

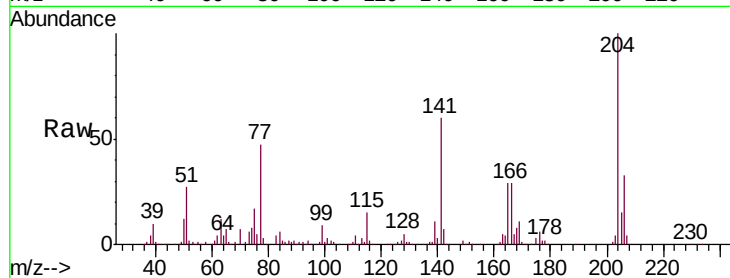
Tgt Ion: 204 Resp: 376065

Ion Ratio Lower Upper

204 100

206 33.2 26.4 39.6

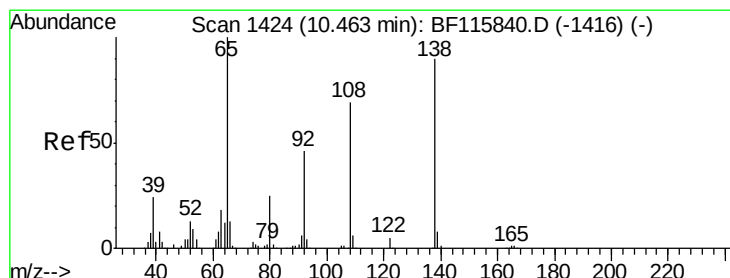
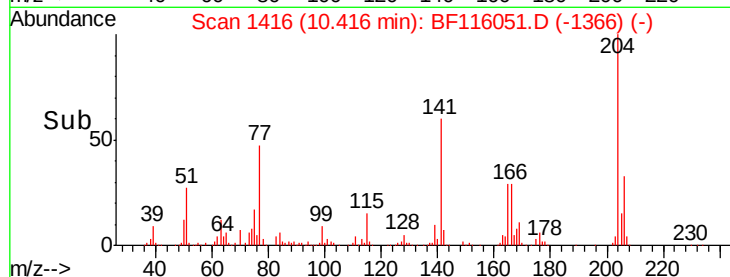
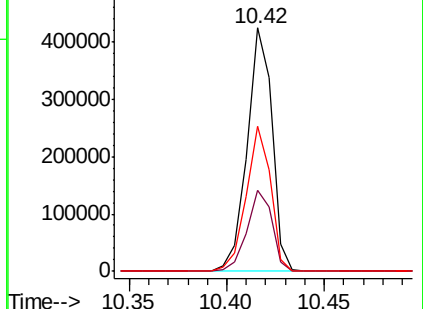
141 59.7 46.4 69.6



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: 36.233 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

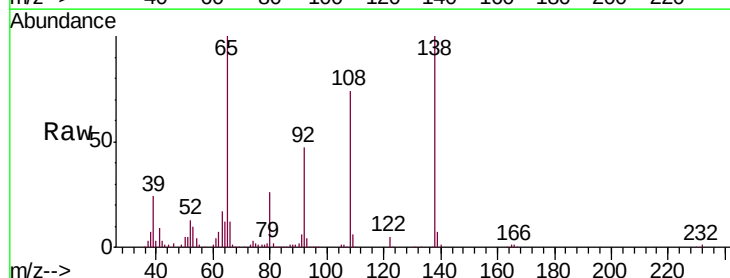
Tgt Ion: 138 Resp: 203004

Ion Ratio Lower Upper

138 100

92 47.4 29.0 69.0

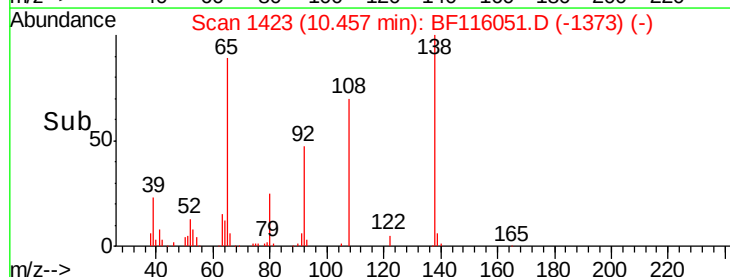
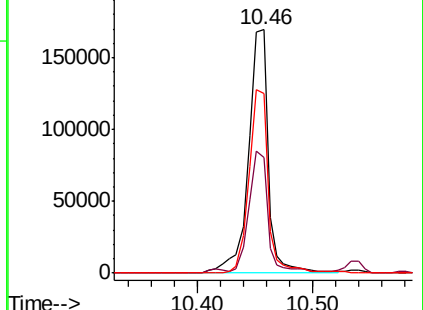
108 73.6 54.7 94.7

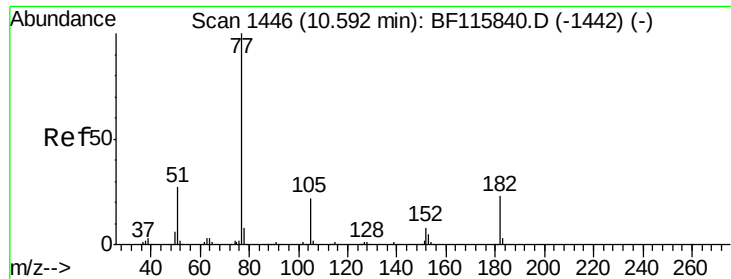


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.648 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

Tgt Ion: 77 Resp: 826867

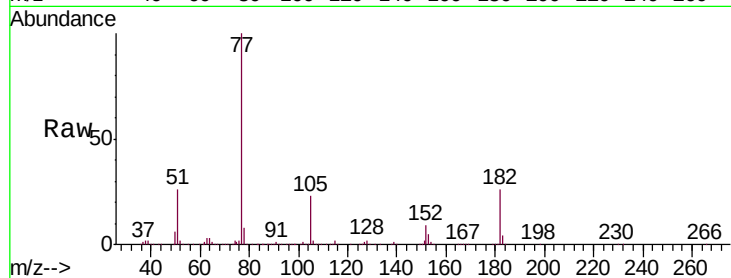
Ion Ratio Lower Upper

77 100

182 26.3 4.0 44.0

105 22.6 2.0 42.0

51 26.2 7.5 47.5

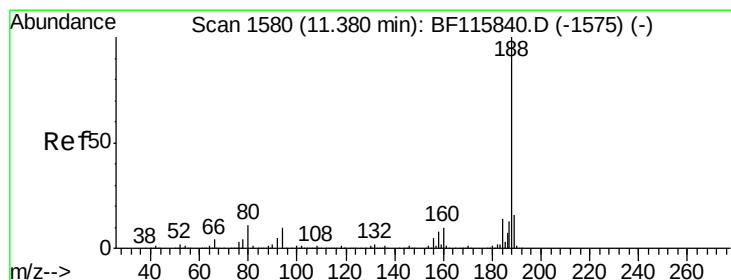
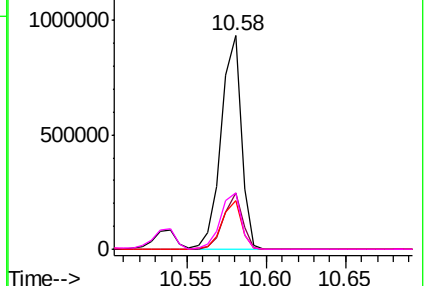
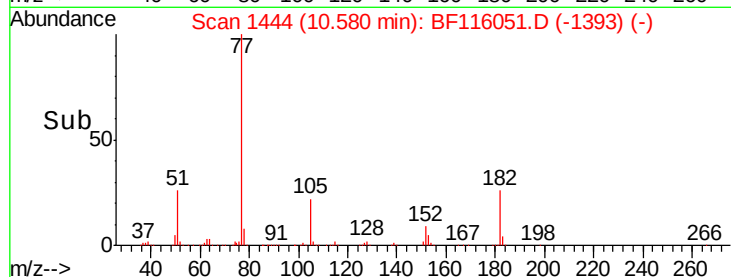


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

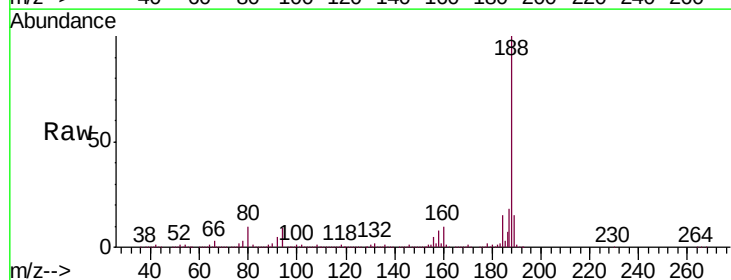
Tgt Ion: 188 Resp: 507989

Ion Ratio Lower Upper

188 100

94 8.8 8.1 12.1

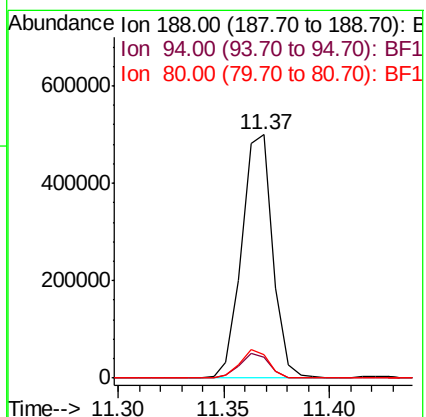
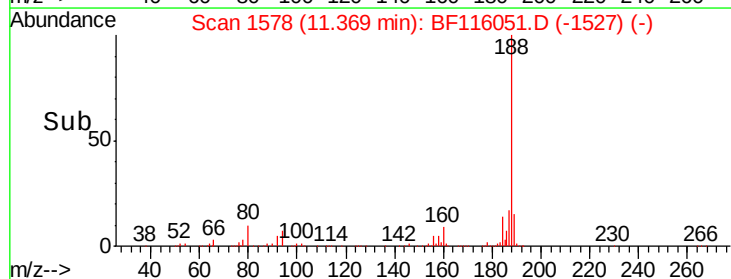
80 9.8 8.7 13.1

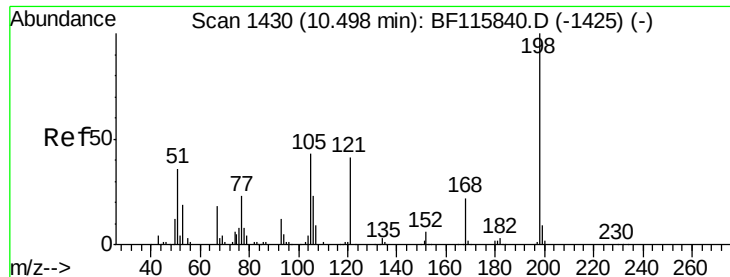


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

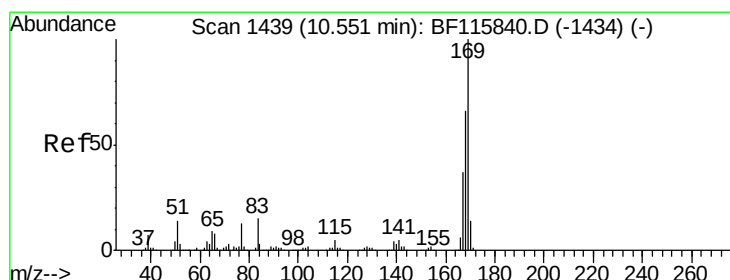
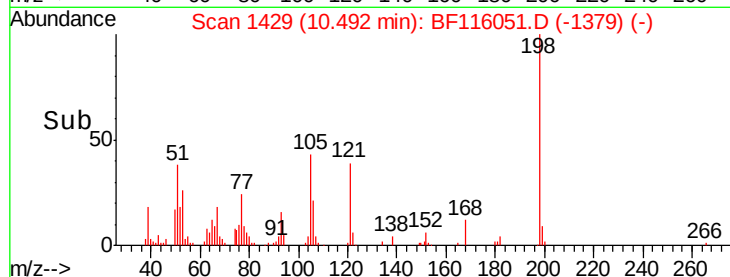
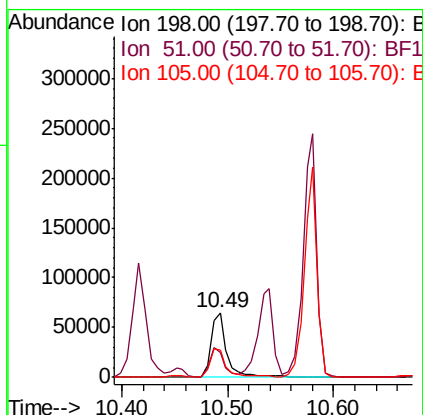
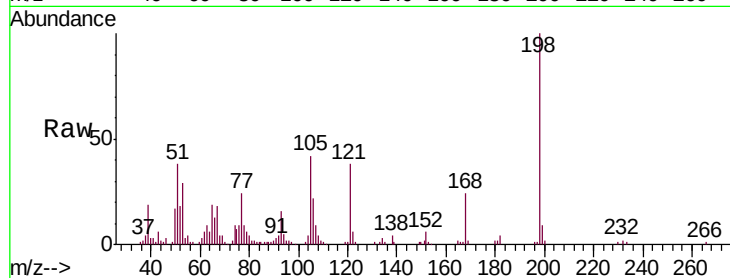




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.613 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

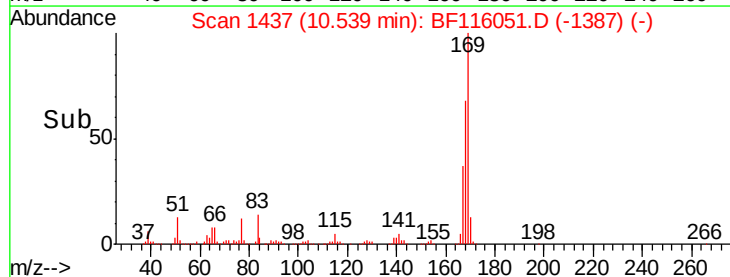
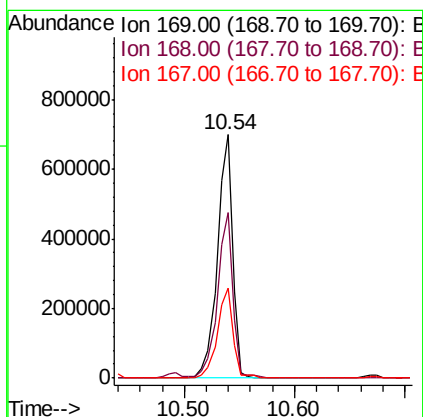
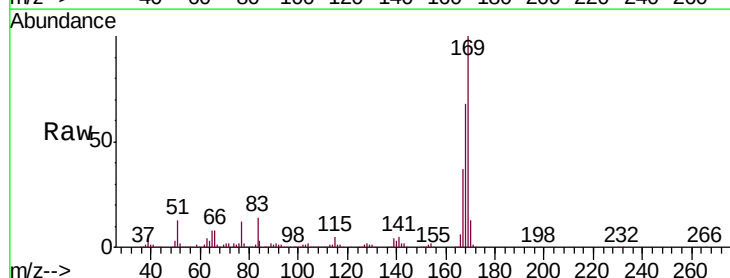
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

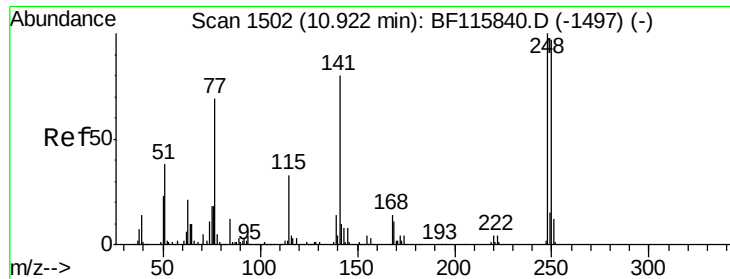
Tgt Ion:198 Resp: 68951
 Ion Ratio Lower Upper
 198 100
 51 37.7 17.0 57.0
 105 42.2 21.6 61.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.786 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:169 Resp: 669491
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.8 80.6
 167 36.8 29.6 44.4

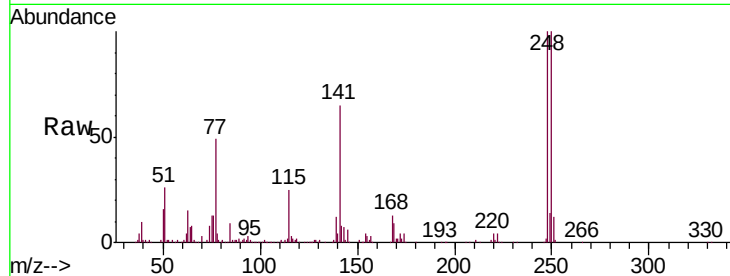




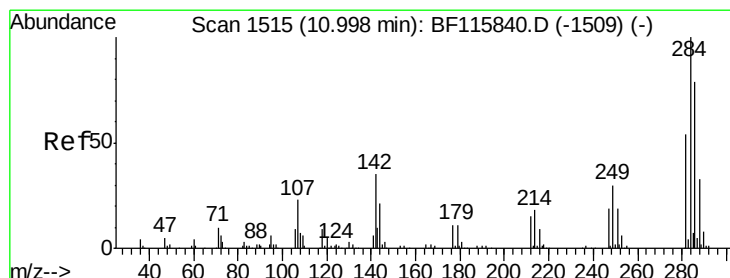
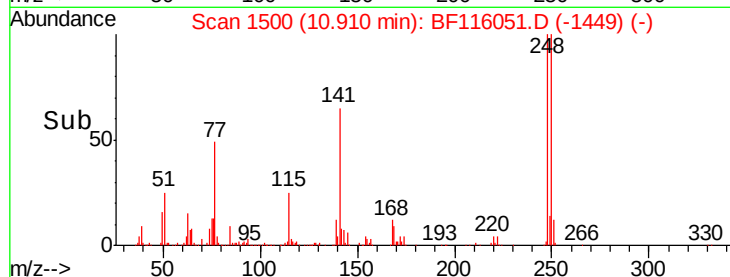
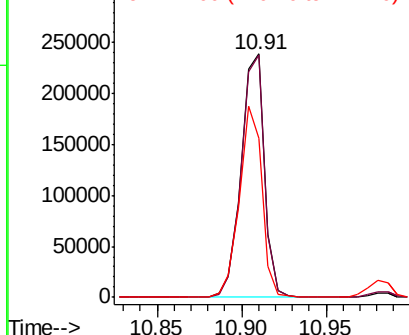
#67
4-Bromophenyl-phenylether
Concen: 42.387 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tgt Ion:248 Resp: 230501
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 65.5 56.8 85.2

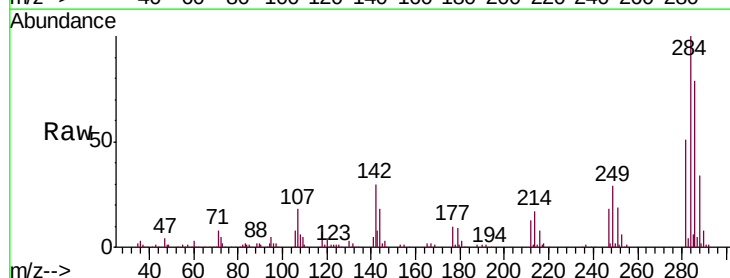


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

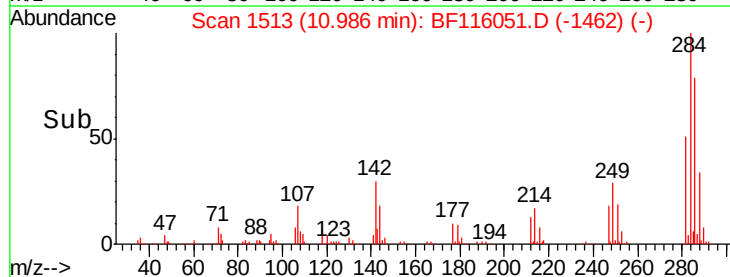
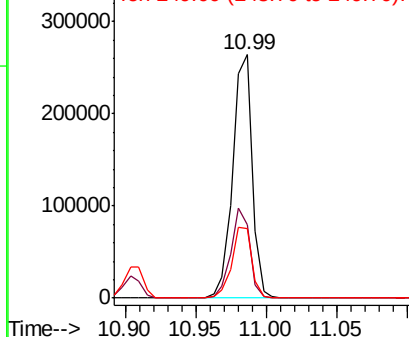


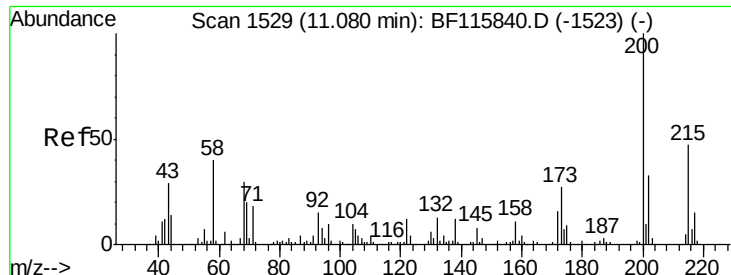
#68
Hexachlorobenzene
Concen: 40.494 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:284 Resp: 254636
Ion Ratio Lower Upper
284 100
142 30.1 28.4 42.6
249 28.7 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

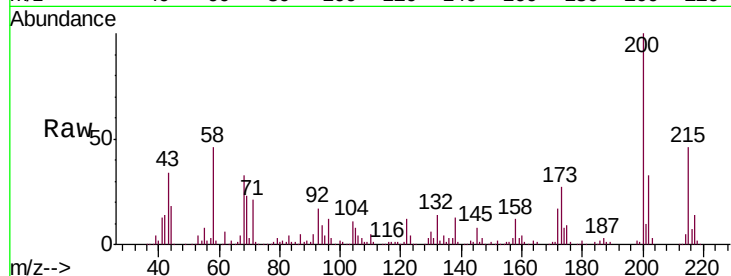




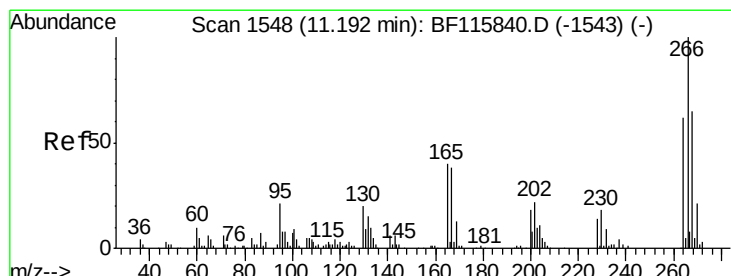
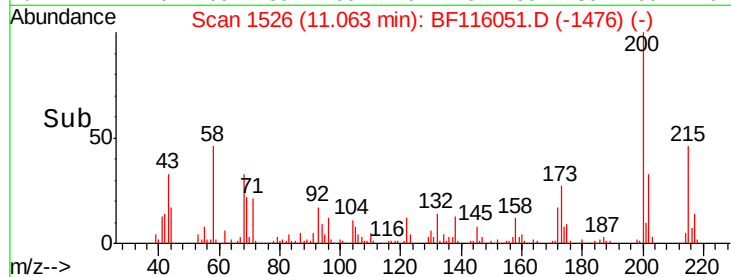
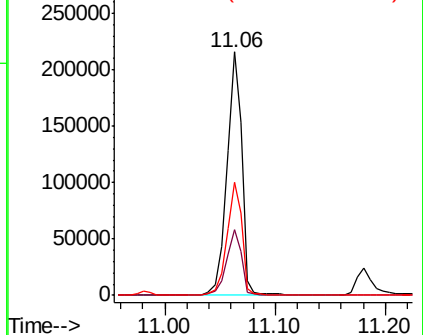
#69
Atrazine
Concen: 40.514 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

Tgt Ion: 200 Resp: 203788
Ion Ratio Lower Upper
200 100
173 27.2 6.8 46.8
215 46.3 27.5 67.5

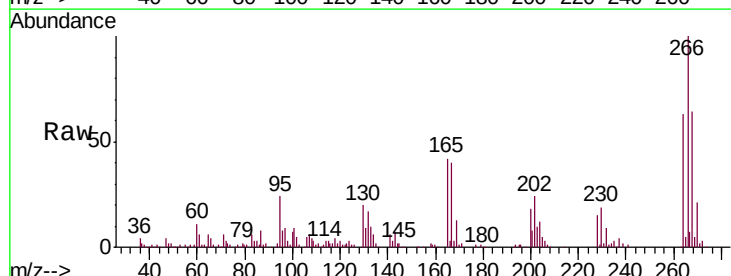


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

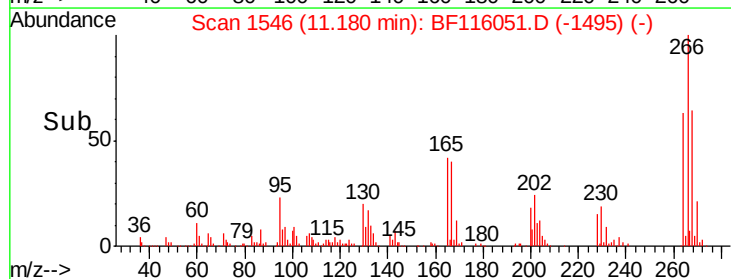
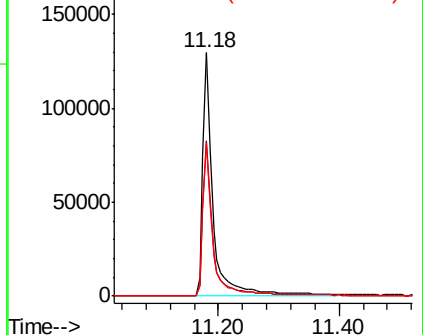


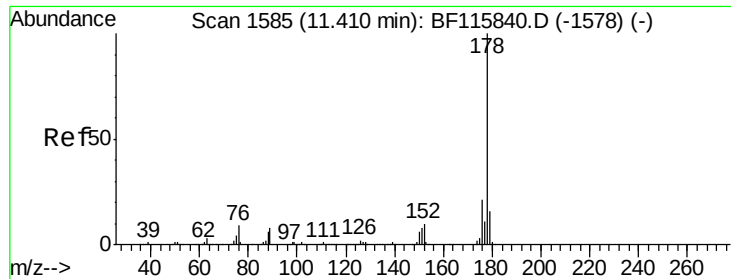
#70
Pentachlorophenol
Concen: 51.470 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 266 Resp: 157133
Ion Ratio Lower Upper
266 100
268 63.9 48.8 73.2
264 62.7 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: 41.698 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

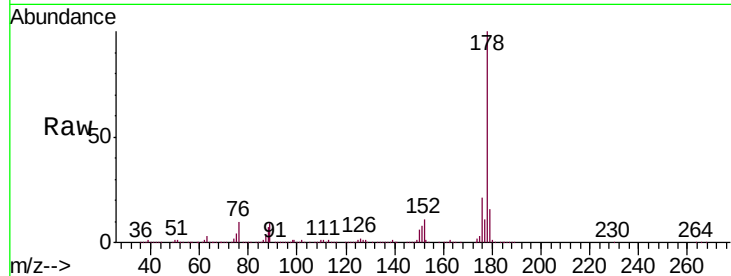
Tgt Ion:178 Resp: 1082874

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

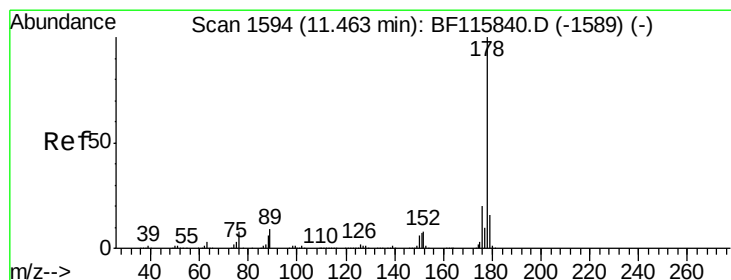
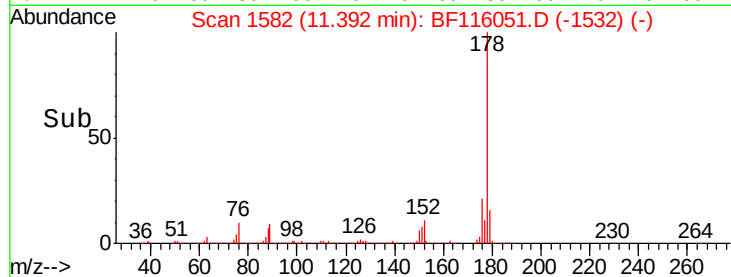
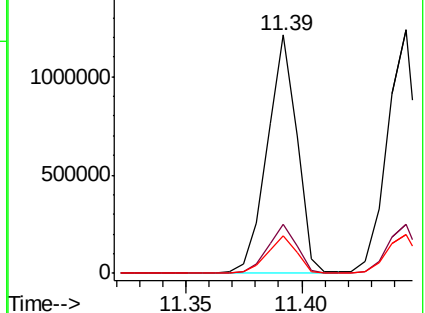
179 15.9 12.5 18.7



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: 42.825 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

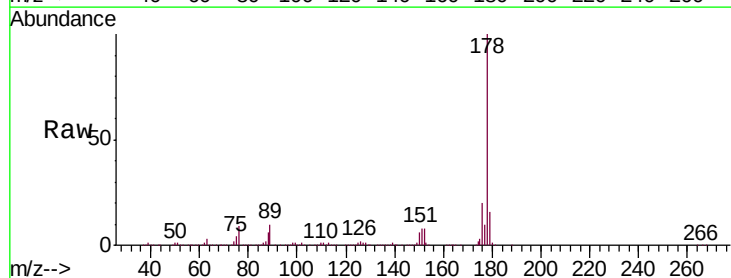
Tgt Ion:178 Resp: 1125539

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

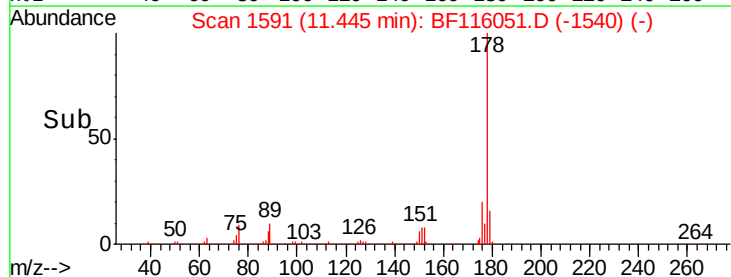
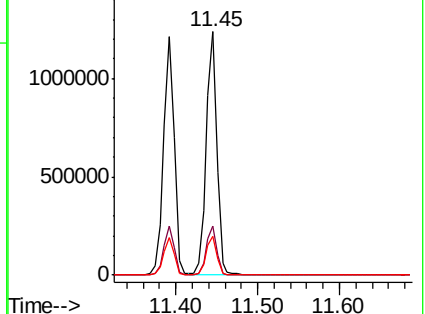
179 16.0 13.0 19.6

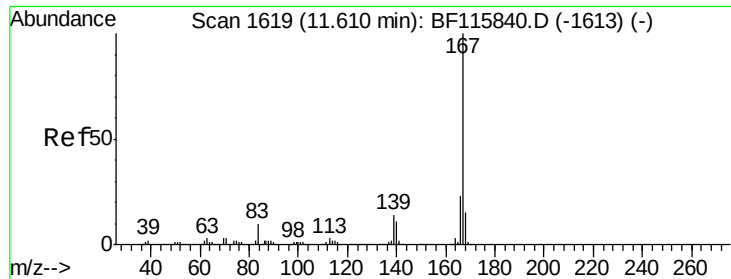


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

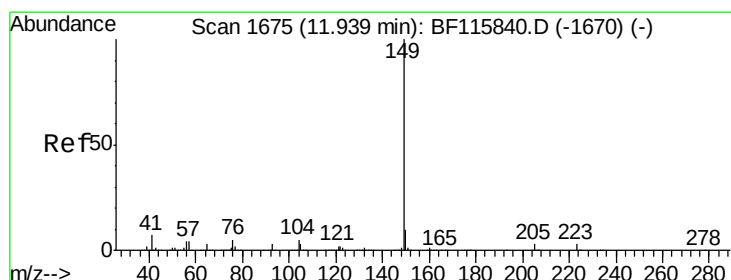
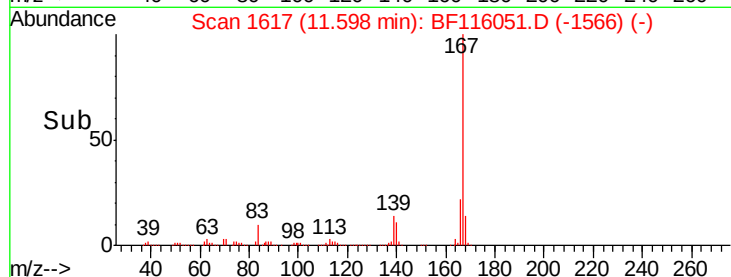
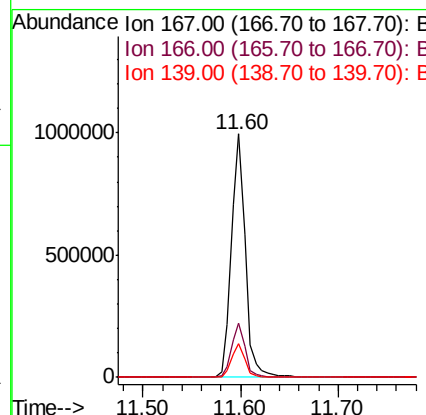
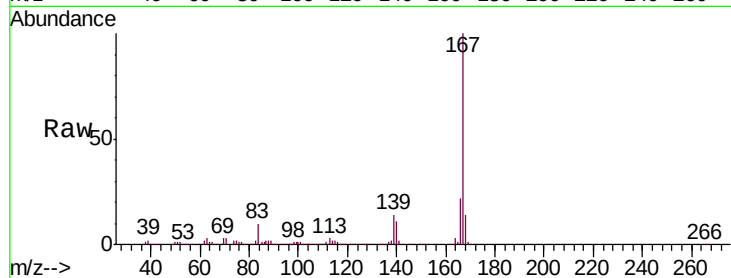




#73
 Carbazole
 Concen: 41.607 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

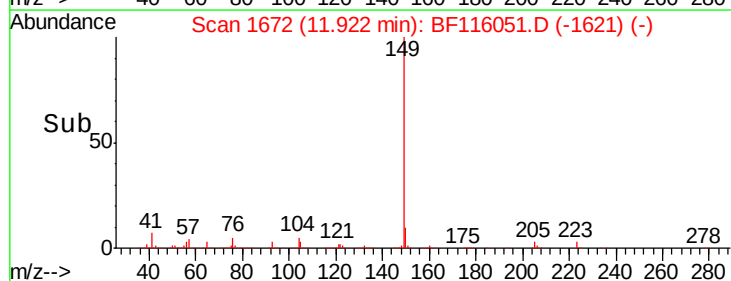
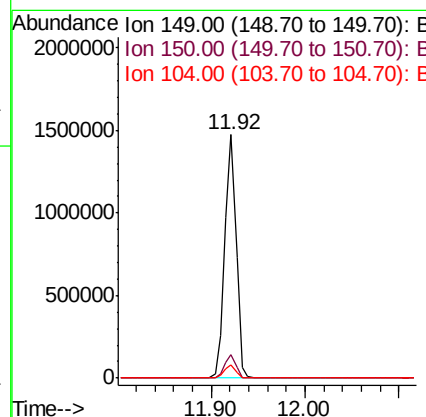
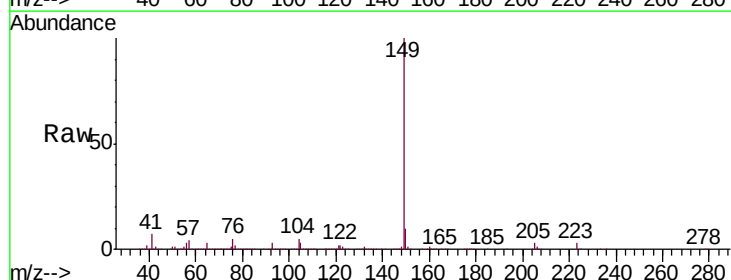
Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

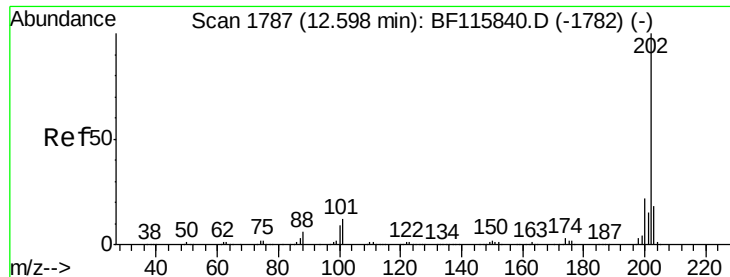
Tgt Ion:167 Resp: 992106
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.9 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.378 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion:149 Resp: 1262231
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 39.727 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

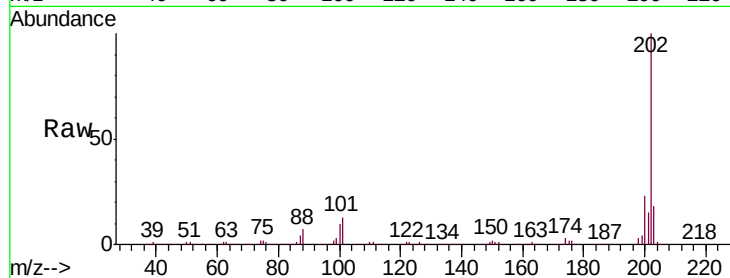
Tgt Ion:202 Resp: 1080081

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.2

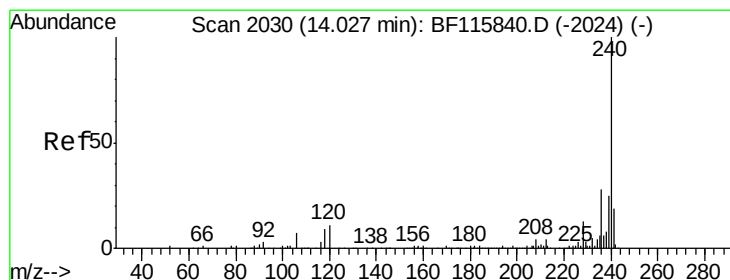
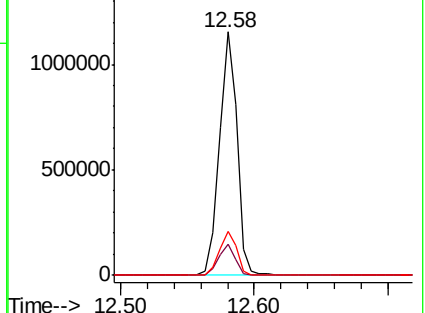
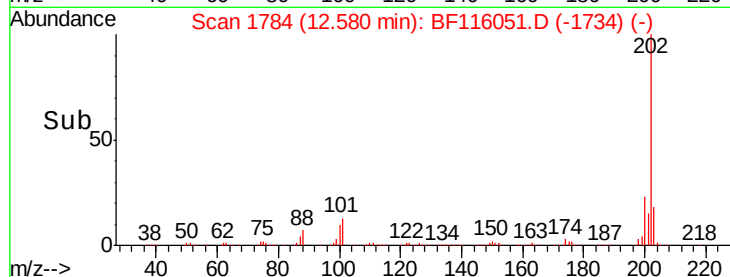
203 18.2 0.0 37.8



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

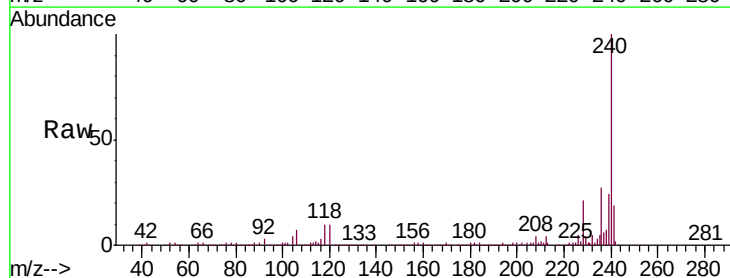
Tgt Ion:240 Resp: 285961

Ion Ratio Lower Upper

240 100

120 10.2 10.7 16.1#

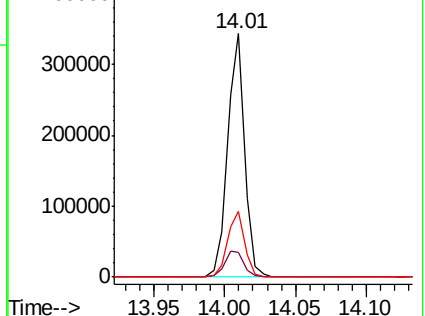
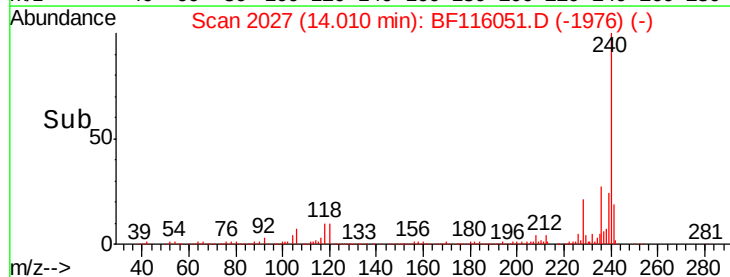
236 27.2 22.2 33.2

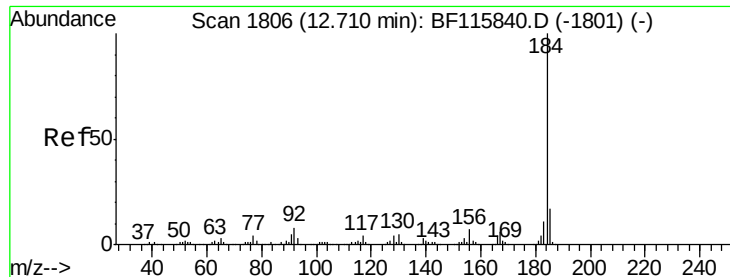


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.324 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

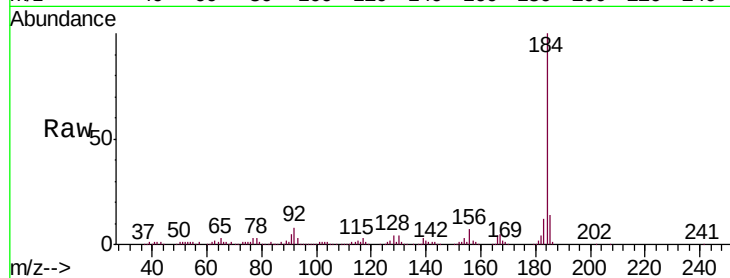
Tgt Ion:184 Resp: 399226

Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

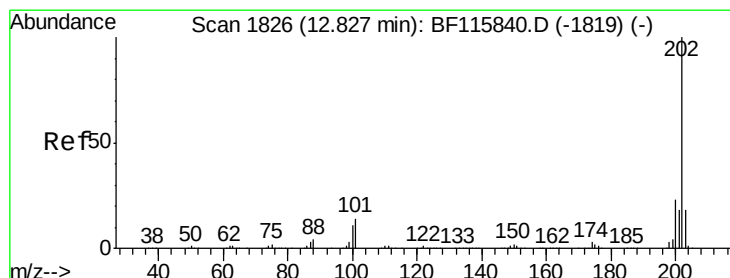
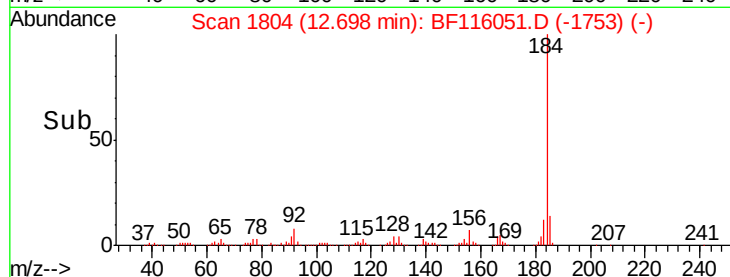
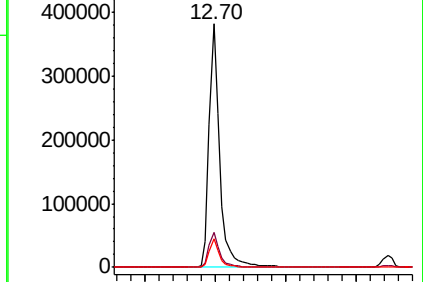
183 11.5 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.909 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

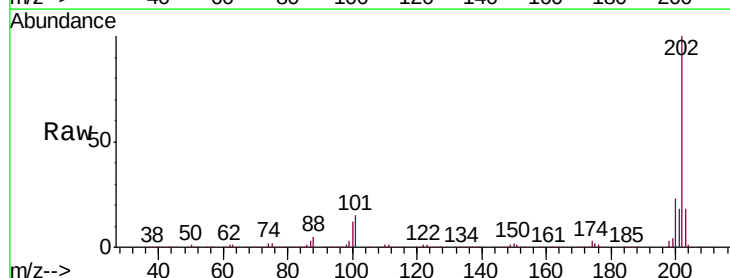
Tgt Ion:202 Resp: 1054282

Ion Ratio Lower Upper

202 100

200 22.9 18.0 27.0

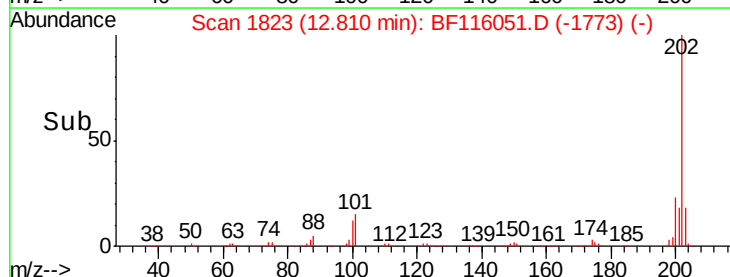
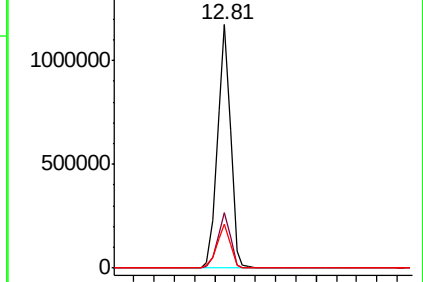
203 18.1 14.1 21.1

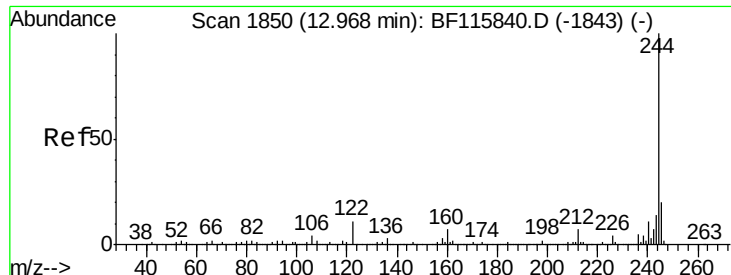


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.764 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

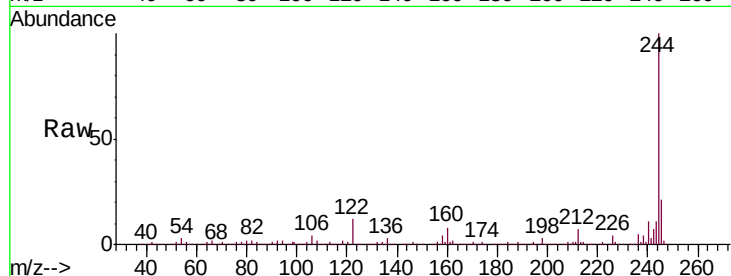
Tgt Ion:244 Resp: 1313175

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

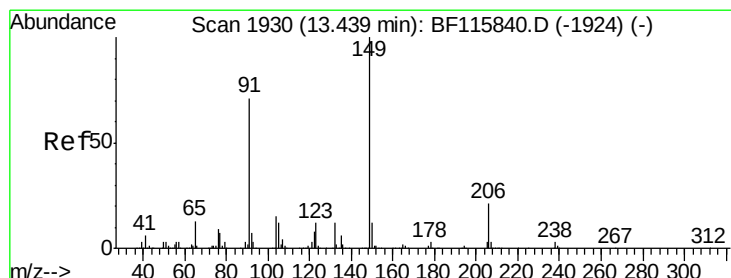
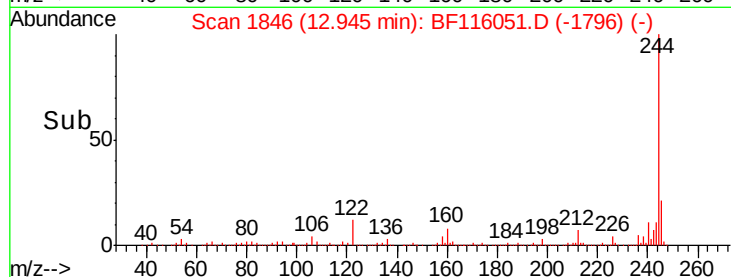
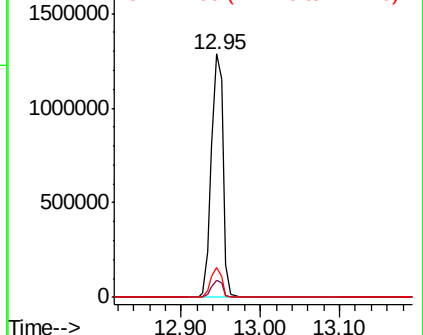
122 12.4 9.0 13.4



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: 51.099 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

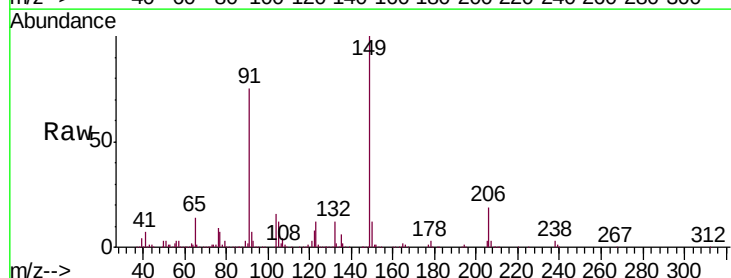
Tgt Ion:149 Resp: 465935

Ion Ratio Lower Upper

149 100

91 75.4 56.3 84.5

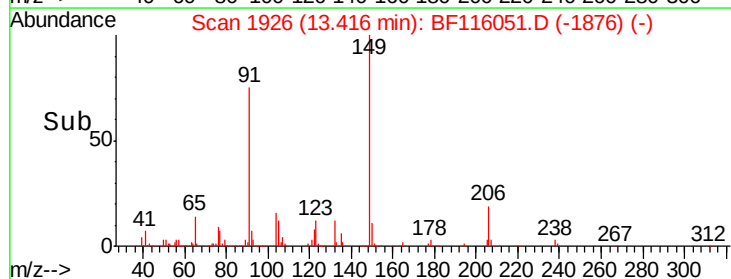
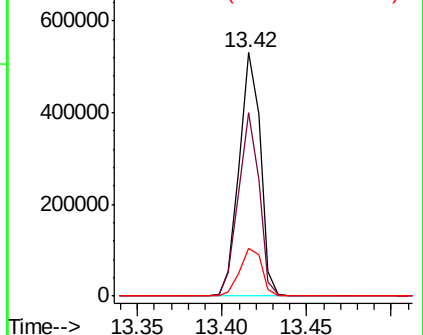
206 19.5 18.0 27.0

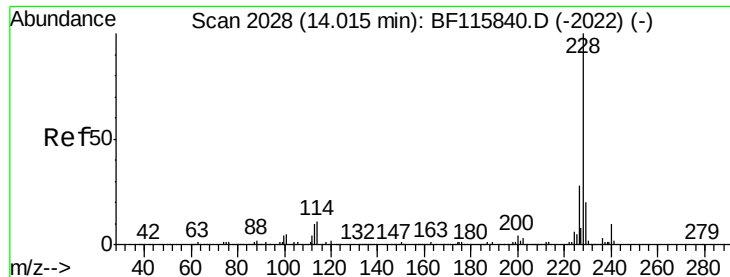


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

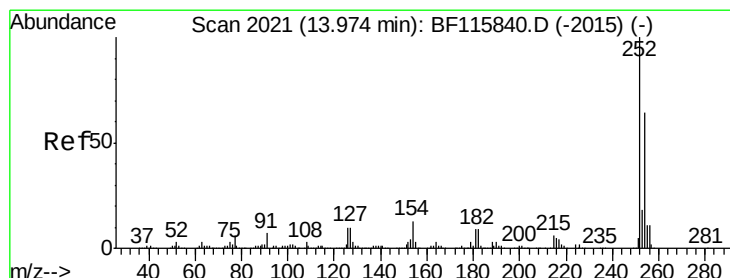
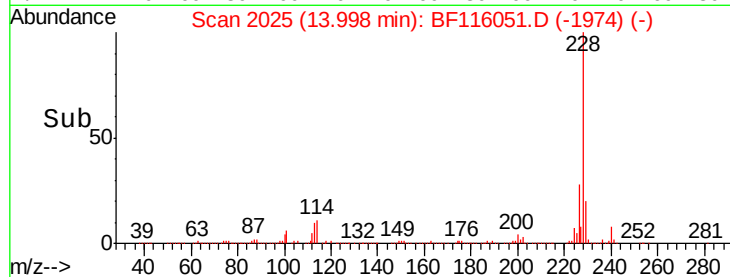
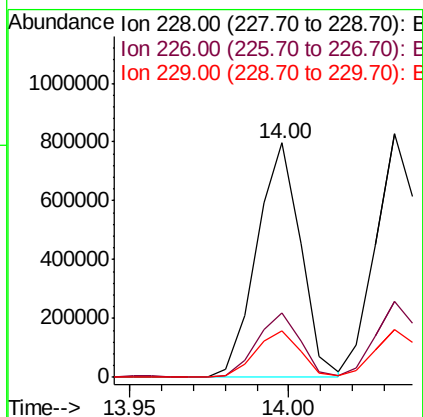
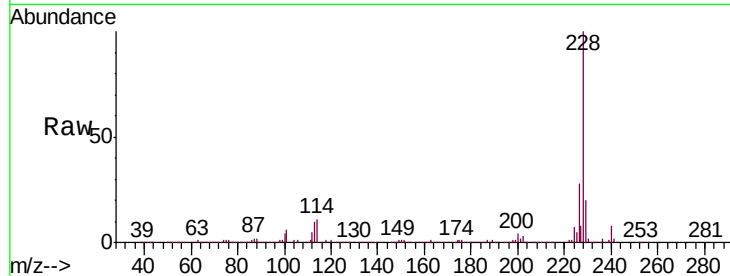




#81
Benzo(a)anthracene
Concen: 41.742 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

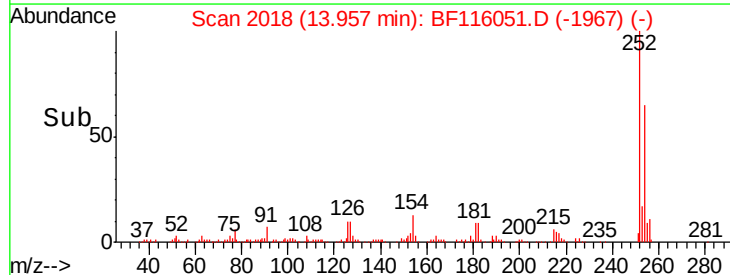
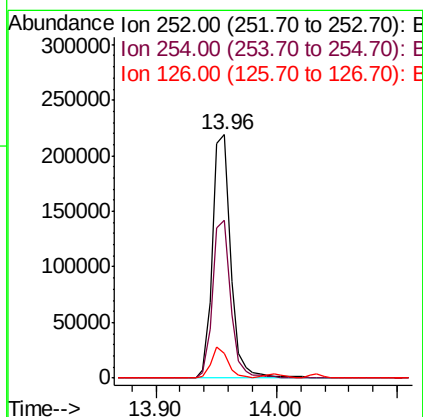
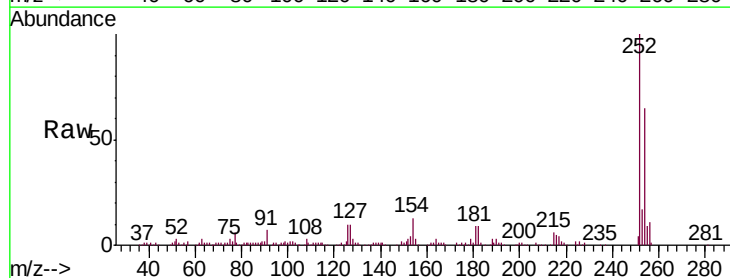
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

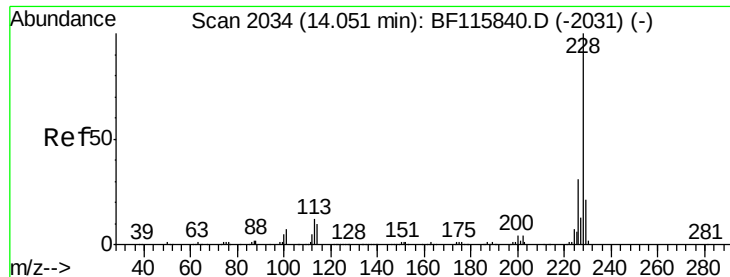
Tgt Ion: 228 Resp: 762938
Ion Ratio Lower Upper
228 100
226 27.7 22.7 34.1
229 20.1 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 35.840 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 252 Resp: 227582
Ion Ratio Lower Upper
252 100
254 64.7 50.9 76.3
126 10.4 9.8 14.8

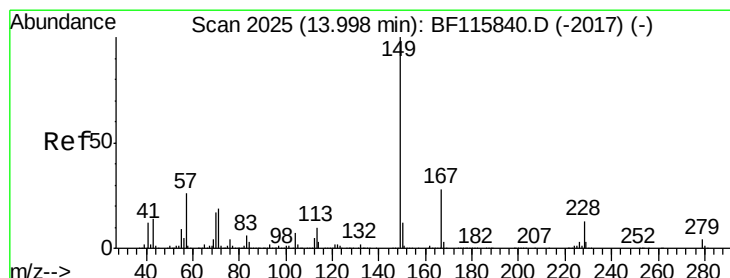
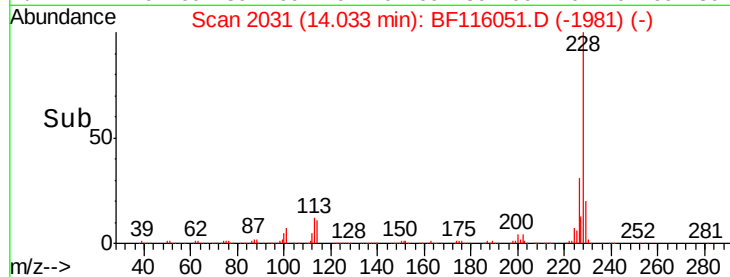
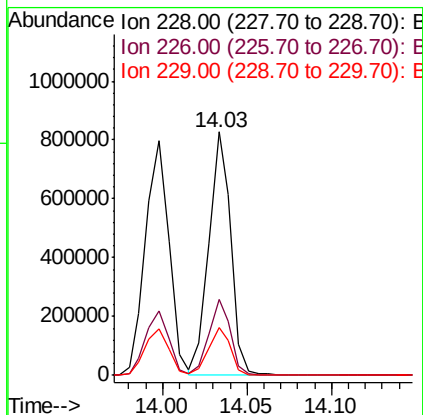
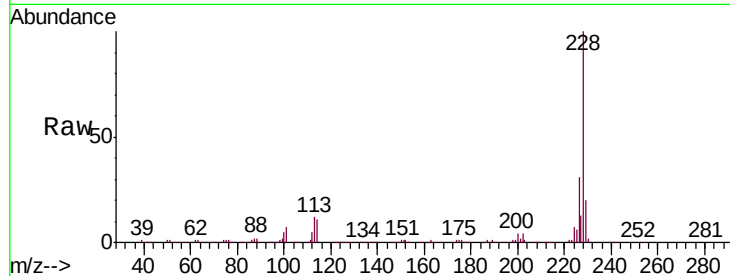




#83
Chrysene
Concen: 42.327 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

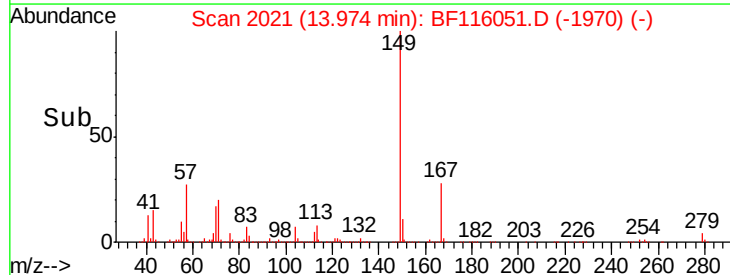
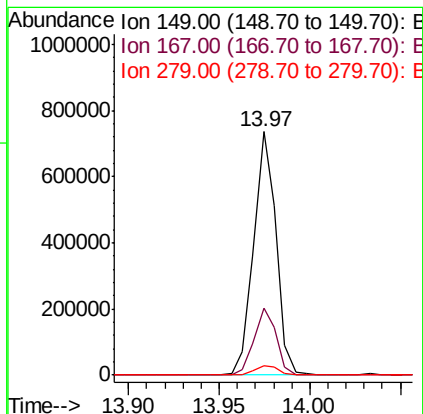
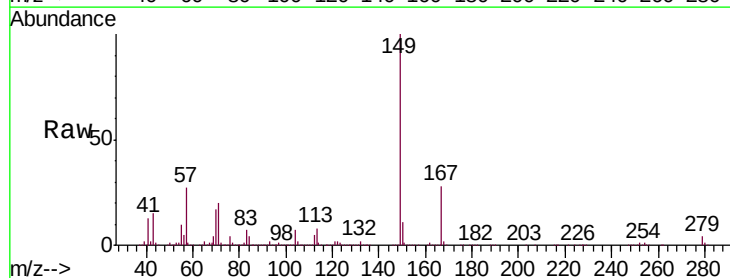
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

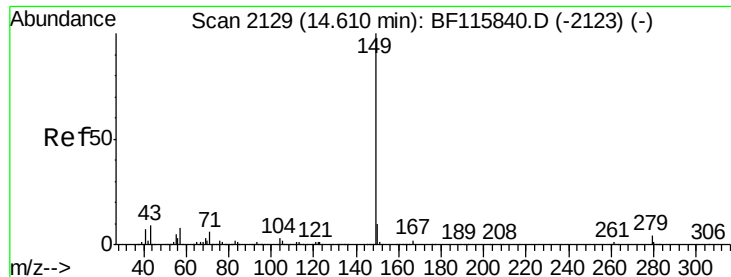
Tgt Ion: 228 Resp: 751087
Ion Ratio Lower Upper
228 100
226 30.9 25.5 38.3
229 19.8 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.511 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion: 149 Resp: 634061
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.258 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

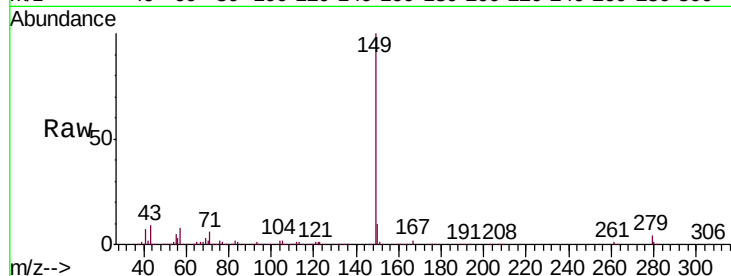
Tgt Ion:149 Resp: 945892

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

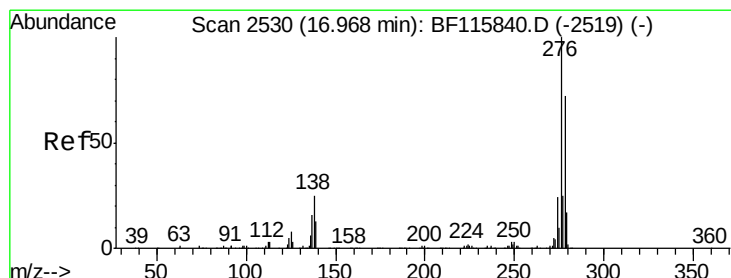
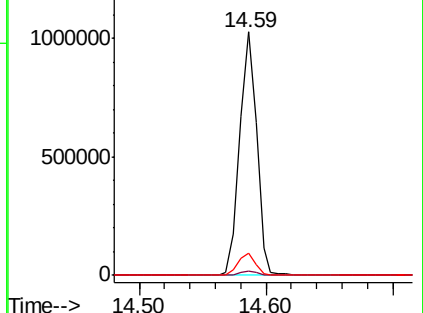
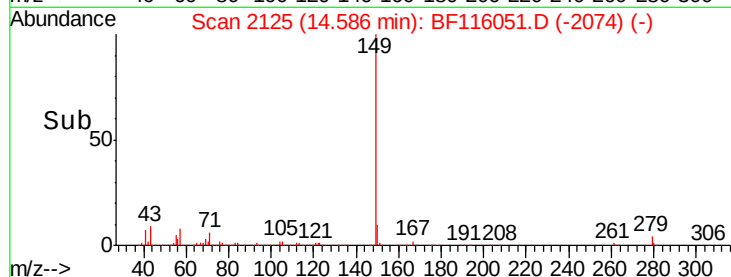
43 8.9 7.5 11.3



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: 63.477 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

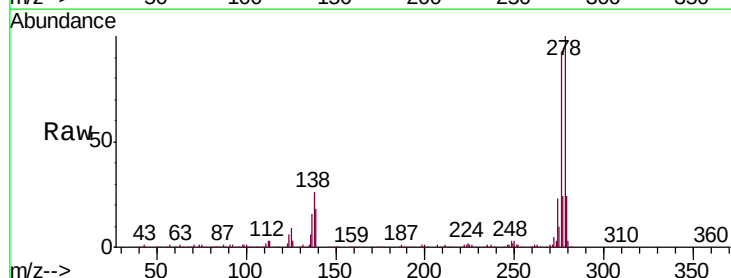
Tgt Ion:276 Resp: 946037

Ion Ratio Lower Upper

276 100

138 25.4 20.4 30.6

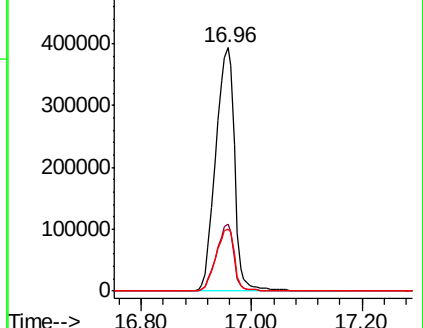
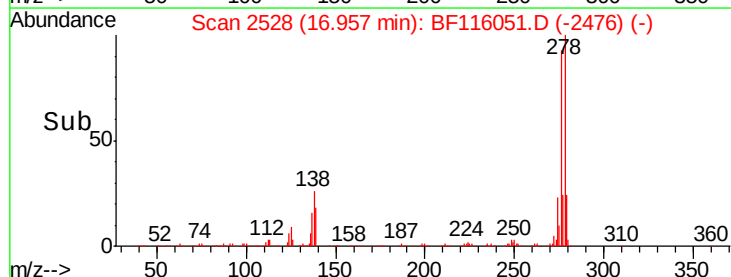
277 25.1 20.0 30.0

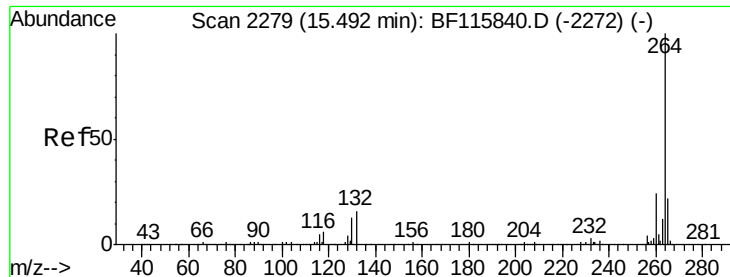


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

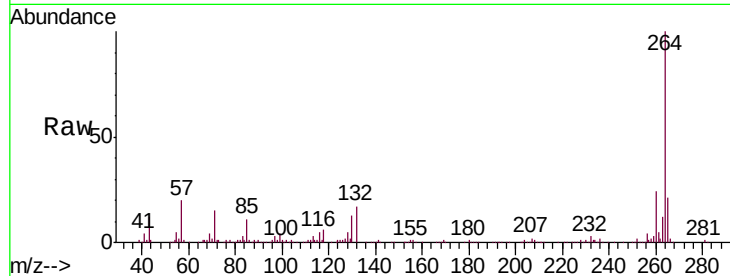




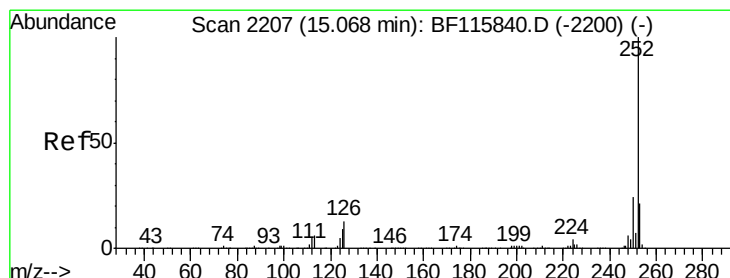
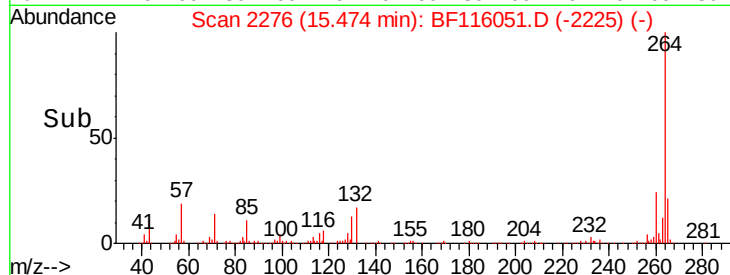
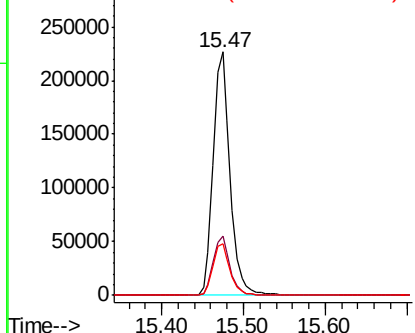
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-COMP-(0-1)

Tgt Ion: 264 Resp: 325482
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 21.0 17.4 26.0

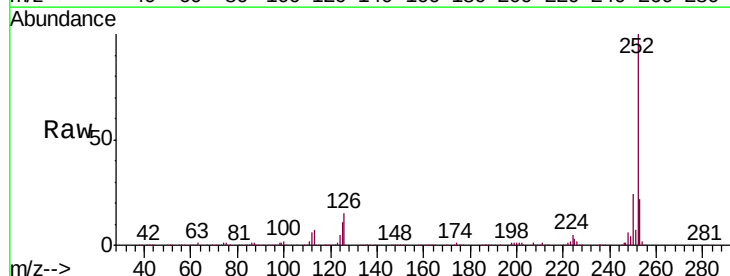


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

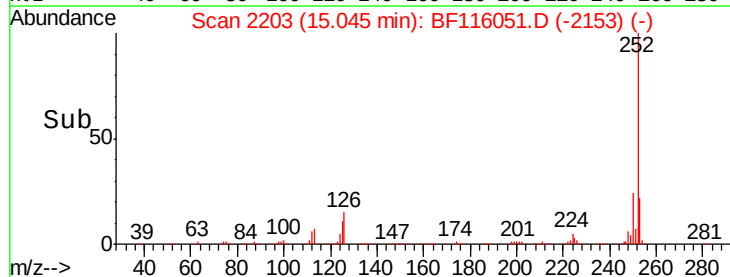
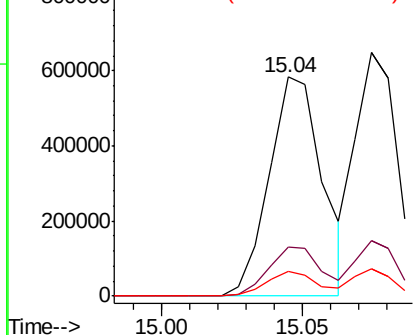


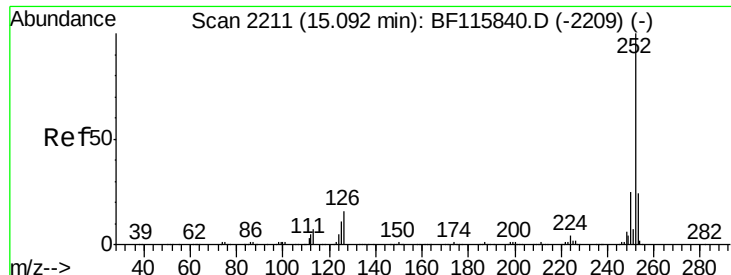
#88
 Benzo(b)fluoranthene
 Concen: 40.504 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF116051.D
 Acq: 7 Aug 2019 15:38

Tgt Ion: 252 Resp: 762278
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 11.2 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

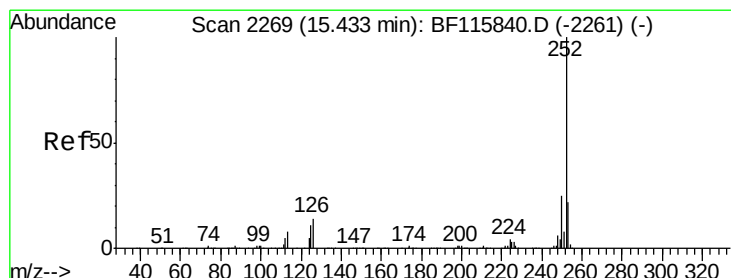
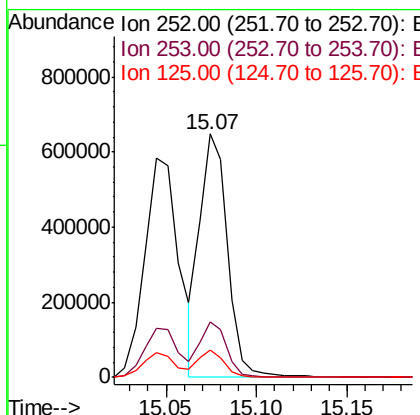
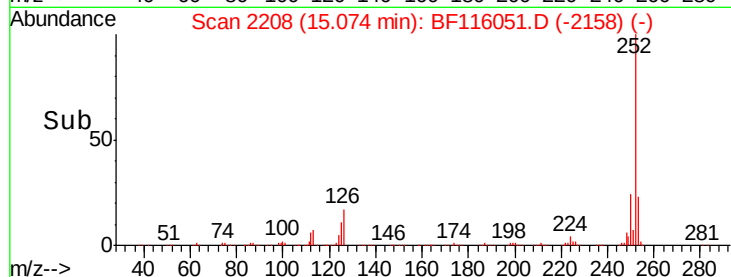
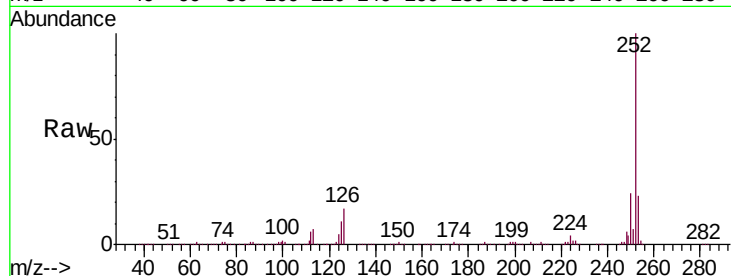




#89
Benzo(k)fluoranthene
Concen: 37.082 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

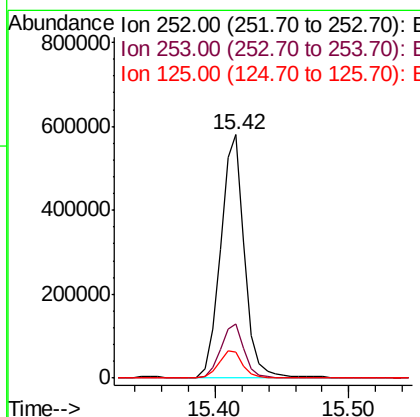
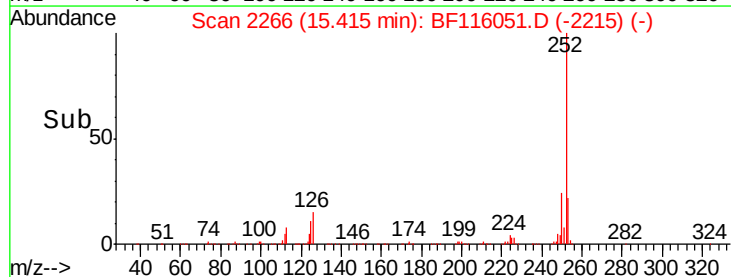
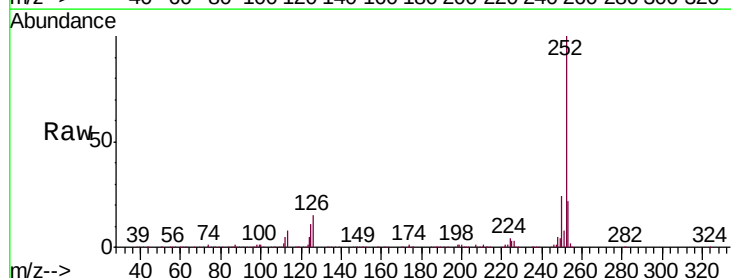
Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-COMP-(0-1)

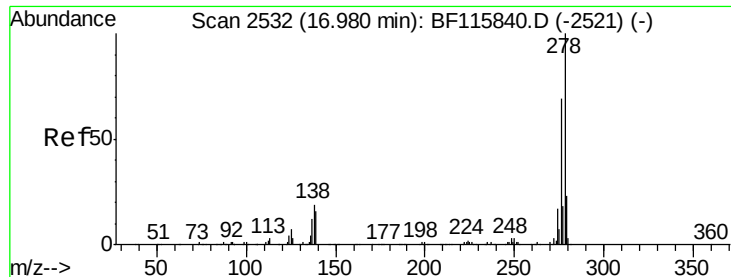
Tgt Ion:252 Resp: 679735
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 43.207 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116051.D
Acq: 7 Aug 2019 15:38

Tgt Ion:252 Resp: 726898
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 53.499 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-COMP-(0-1)

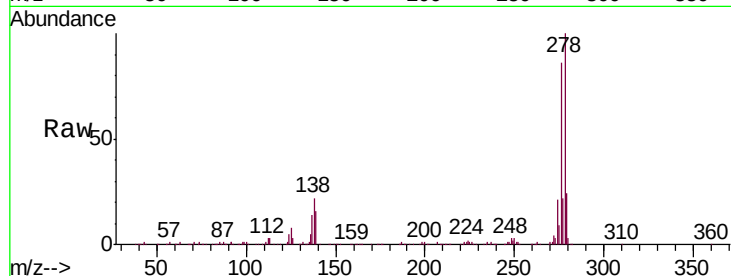
Tgt Ion: 278 Resp: 779074

Ion Ratio Lower Upper

278 100

139 15.6 12.8 19.2

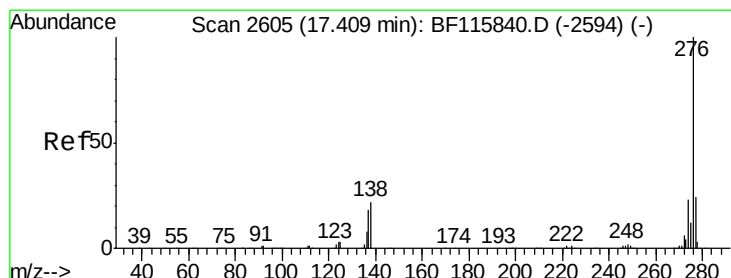
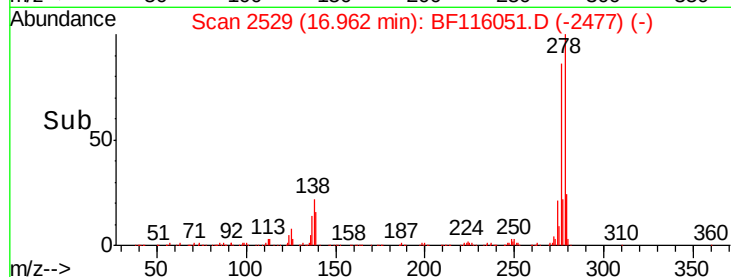
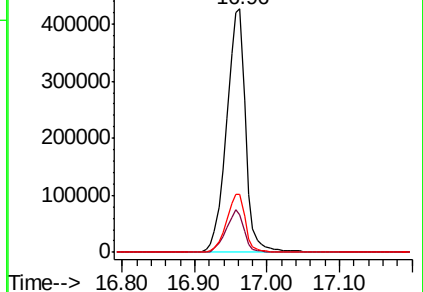
279 23.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.443 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF116051.D

Acq: 7 Aug 2019 15:38

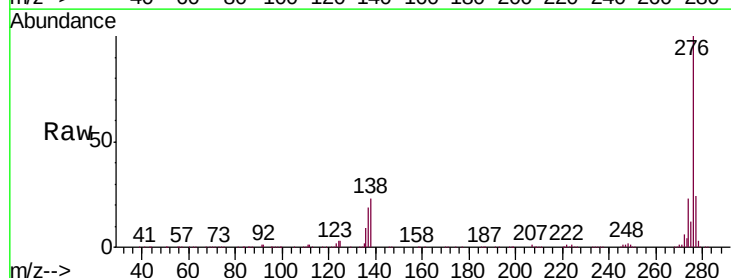
Tgt Ion: 276 Resp: 807227

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 22.9 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

