

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116063.D
 Acq On : 8 Aug 2019 12:36
 Operator : HP/JU
 Sample : PB122055BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:08:37 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	6.84	152	141121	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	574509	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	304976	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	533657	20.00	ng	0.00
76) Chrysene-d12	14.00	240	384893	20.00	ng	0.00
87) Perylene-d12	15.46	264	314396	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	885864	105.09	ng	0.00
7) Phenol-d6	6.48	99	1127283	105.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	721496	72.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322020	108.91	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1259136	77.33	ng	-0.01
79) Terphenyl-d14	12.94	244	1460851	79.98	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	161304	37.877	ng	99
3) Pyridine	3.45	79	349136	29.348	ng	99
4) n-Nitrosodimethylamine	3.39	42	158889	33.844	ng	99
6) Aniline	6.50	93	419521	27.543	ng	97
8) 2-Chlorophenol	6.63	128	363706	39.017	ng	97
9) Benzaldehyde	6.39	77	111008	15.127	ng	98
10) Phenol	6.49	94	461993	36.887	ng	88
11) bis(2-Chloroethyl)ether	6.57	93	349686	37.975	ng	98
12) 1,3-Dichlorobenzene	6.78	146	385595	35.792	ng	98
13) 1,4-Dichlorobenzene	6.86	146	391904	36.332	ng	98
14) 1,2-Dichlorobenzene	7.01	146	364495	36.698	ng	99
15) Benzyl Alcohol	6.99	79	304178	37.686	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463765	36.924	ng	97
17) 2-Methylphenol	7.10	107	307627	38.974	ng	98
18) Hexachloroethane	7.35	117	143374	36.101	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	250636	38.029	ng	97
20) 3+4-Methylphenols	7.25	107	371854	39.811	ng	97
22) Acetophenone	7.25	105	498386	39.555	ng	# 98
24) Nitrobenzene	7.42	77	400086	37.229	ng	99
25) Isophorone	7.66	82	741255	38.949	ng	100
26) 2-Nitrophenol	7.74	139	200176	39.515	ng	95
27) 2,4-Dimethylphenol	7.77	122	329692	43.258	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	451527	38.278	ng	99
29) 2,4-Dichlorophenol	7.98	162	318493	39.578	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	338612	36.914	ng	98
31) Naphthalene	8.14	128	1053160	38.955	ng	99
32) Benzoic acid	7.93	122	192954	35.909	ng	96
33) 4-Chloroaniline	8.19	127	297340	24.615	ng	98
34) Hexachlorobutadiene	8.26	225	190495	36.054	ng	98
35) Caprolactam	8.56	113	48526	18.645	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	334010	39.898	ng	96
37) 2-Methylnaphthalene	8.83	142	701272	39.386	ng	99
38) 1-Methylnaphthalene	8.93	142	662428	39.327	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	323406	39.666	ng	99

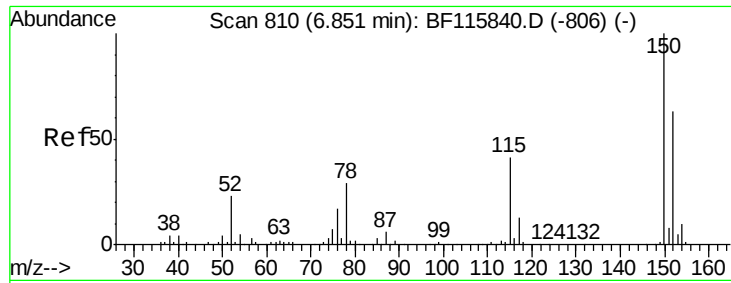
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
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 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	140224	41.396	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	210186	37.453	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	225240	38.827	ng	99
46) 1,1'-Biphenyl	9.30	154	857307	39.817	ng	97
47) 2-Chloronaphthalene	9.32	162	670793	37.432	ng	99
48) 2-Nitroaniline	9.42	65	212817	35.929	ng	97
49) Acenaphthylene	9.73	152	1030075	39.400	ng	99
50) Dimethylphthalate	9.60	163	809403	38.978	ng	99
51) 2,6-Dinitrotoluene	9.66	165	178870	39.637	ng	99
52) Acenaphthene	9.91	154	616852	38.459	ng	100
53) 3-Nitroaniline	9.83	138	146167	26.214	ng	96
54) 2,4-Dinitrophenol	9.95	184	151881	67.523	ng	94
55) Dibenzofuran	10.08	168	908054	38.931	ng	100
56) 4-Nitrophenol	10.00	139	243784	68.249	ng	96
57) 2,4-Dinitrotoluene	10.07	165	232172	38.642	ng	99
58) Fluorene	10.42	166	709412	39.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189640	38.856	ng	99
60) Diethylphthalate	10.29	149	780347	40.251	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	358544	39.450	ng	97
62) 4-Nitroaniline	10.45	138	194352	33.727	ng	99
63) Azobenzene	10.57	77	790573	39.646	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	115083	40.694	ng	99
66) n-Nitrosodiphenylamine	10.53	169	641689	39.949	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	220932	38.673	ng	94
68) Hexachlorobenzene	10.98	284	249030	37.698	ng	93
69) Atrazine	11.06	200	200000	37.848	ng	98
70) Pentachlorophenol	11.17	266	232406	72.465	ng	98
71) Phenanthrene	11.39	178	1056223	38.715	ng	100
72) Anthracene	11.44	178	1091880	39.546	ng	99
73) Carbazole	11.59	167	994072	39.685	ng	99
74) Di-n-butylphthalate	11.92	149	1208483	41.356	ng	99
75) Fluoranthene	12.57	202	1125730	39.415	ng	98
77) Benzidine	12.69	184	318442	24.489	ng	98
78) Pyrene	12.80	202	1136326	39.165	ng	100
80) Butylbenzylphthalate	13.41	149	513832	41.867	ng	96
81) Benzo(a)anthracene	13.99	228	956848	38.895	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	301854	35.318	ng	99
83) Chrysene	14.03	228	938112	39.278	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	708420	44.419	ng	99
85) Di-n-octyl phthalate	14.58	149	1130651	44.633	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	794942	39.629	ng	100
88) Benzo(b)fluoranthene	15.04	252	837441	46.067	ng	99
89) Benzo(k)fluoranthene	15.07	252	840332	47.459	ng	99
90) Benzo(a)pyrene	15.40	252	777874	47.868	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	671947	47.769	ng	99
92) Benzo(g,h,i)perylene	17.37	276	659854	47.765	ng	98

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

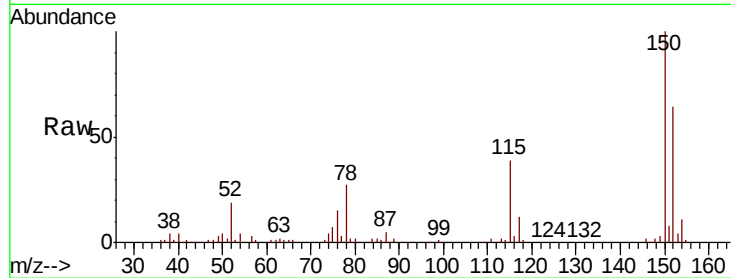


#1

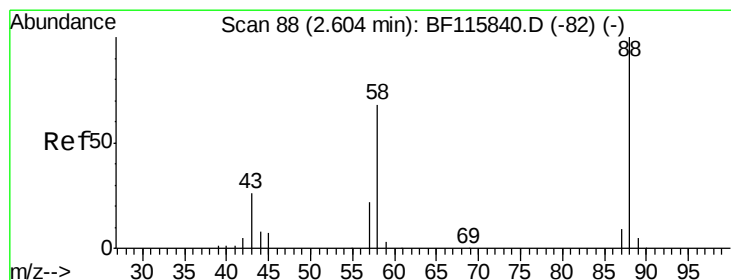
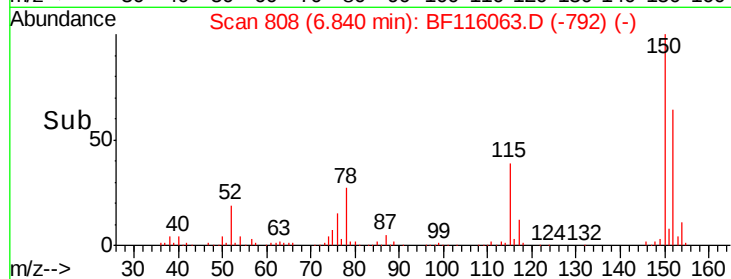
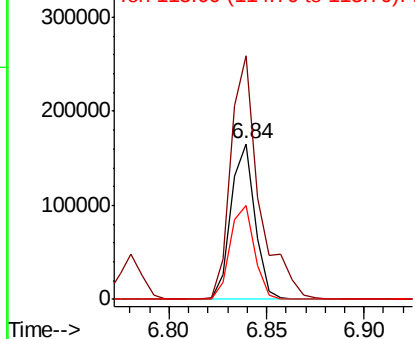
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141121
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 60.3 49.9 74.9



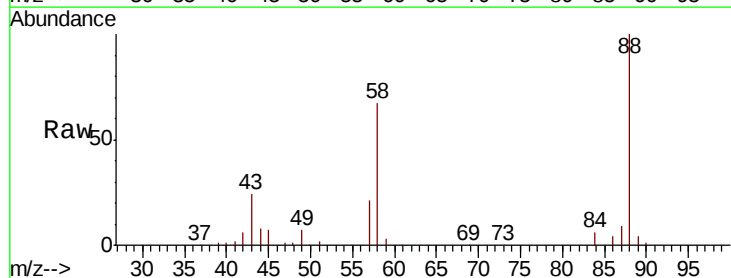
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



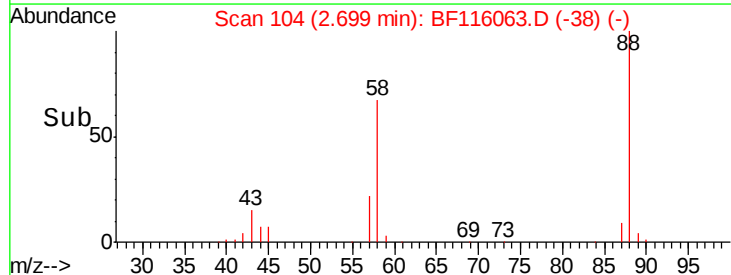
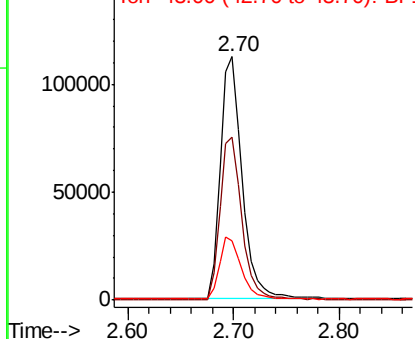
#2

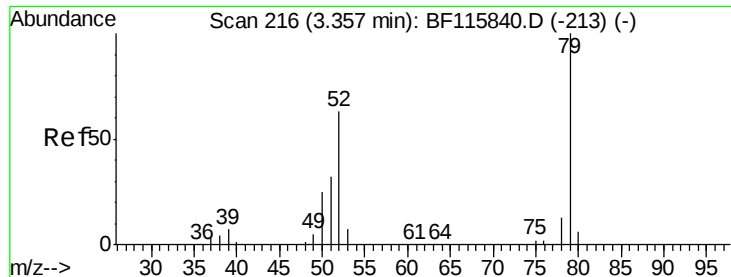
1,4-Dioxane
Concen: 37.877 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion: 88 Resp: 161304
Ion Ratio Lower Upper
88 100
58 68.6 53.7 80.5
43 26.2 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

Pvridine

Concen: 29.348 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

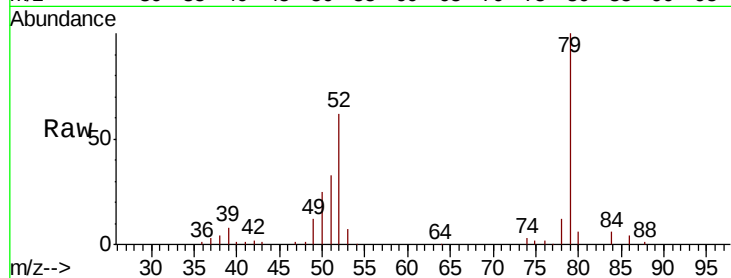
Tot Ion: 79 Resp: 349136

Ion Ratio Lower Upper

79 100

52 61.7 49.8 74.8

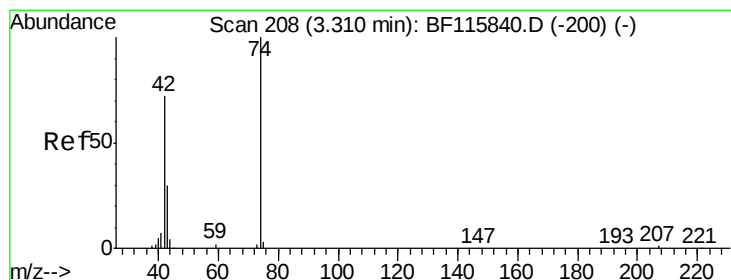
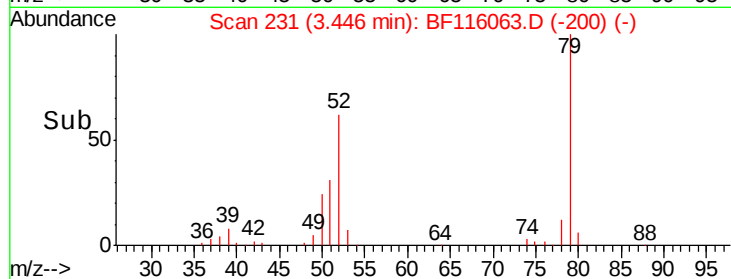
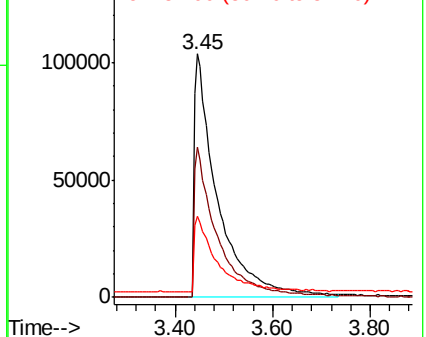
51 33.2 25.2 37.8



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: 33.844 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

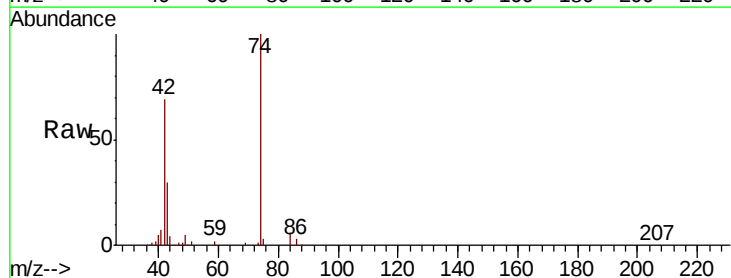
Tgt Ion: 42 Resp: 158889

Ion Ratio Lower Upper

42 100

74 144.3 116.0 174.0

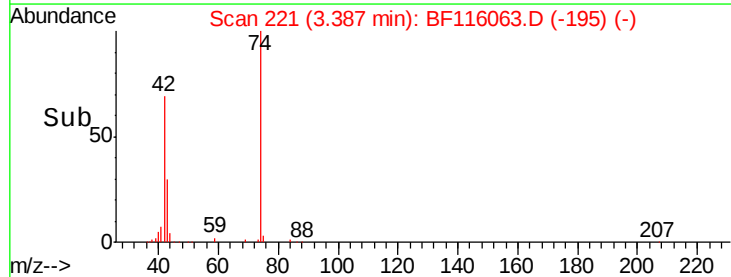
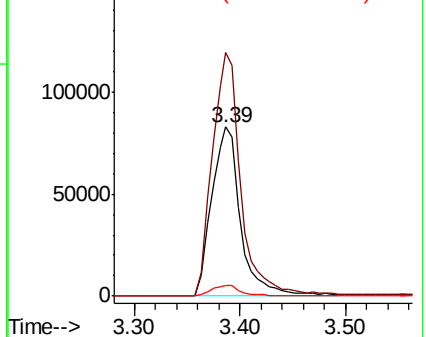
44 6.1 4.6 7.0



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: 105.086 ng

RT: 5.47 min Scan# 576

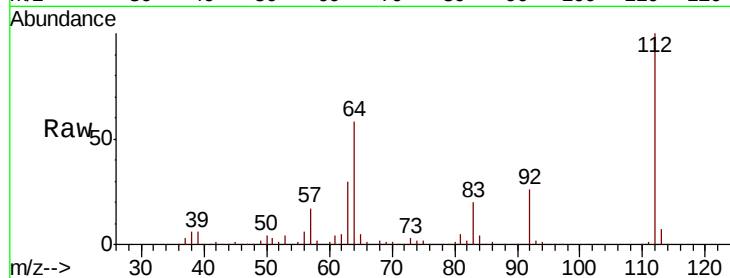
Delta R.T. 0.01 min

Lab File: BF116063.D

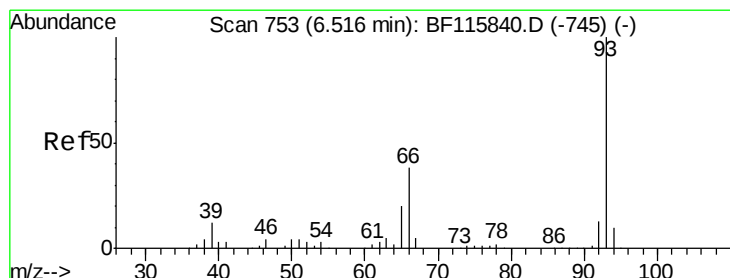
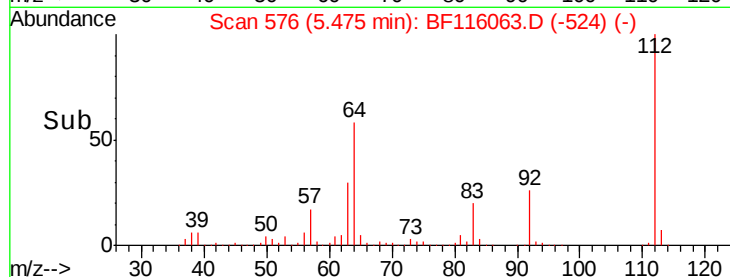
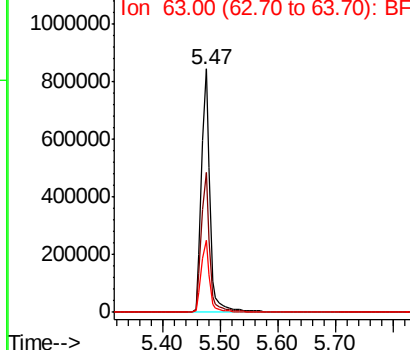
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	885864
Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.4	68.2
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.543 ng

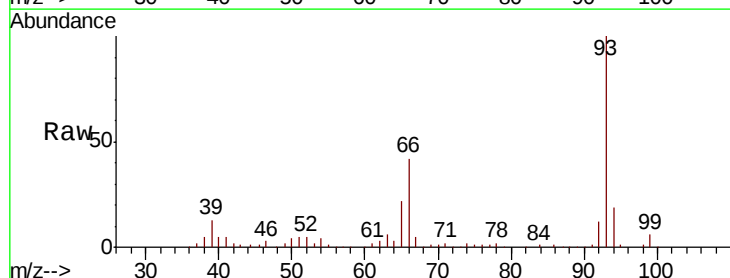
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

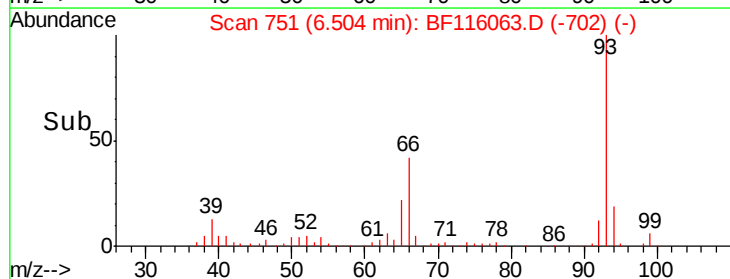
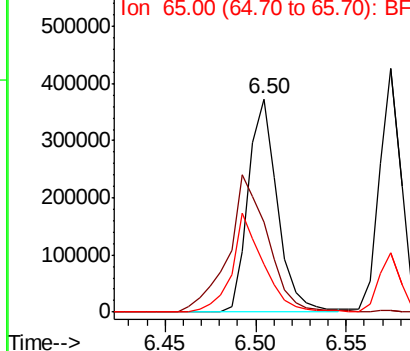
Lab File: BF116063.D

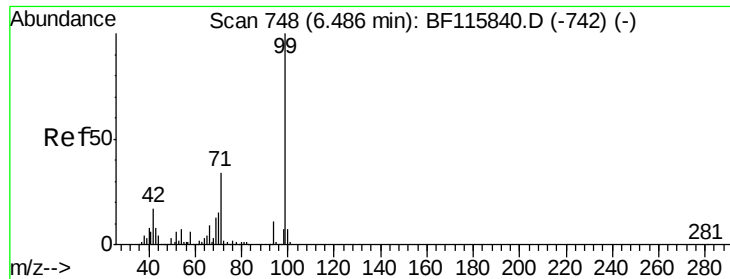
Acq: 8 Aug 2019 12:36

Tgt Ion:	93	Resp:	419521
Ion	Ratio	Lower	Upper
93	100		
66	42.0	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: 105.990 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

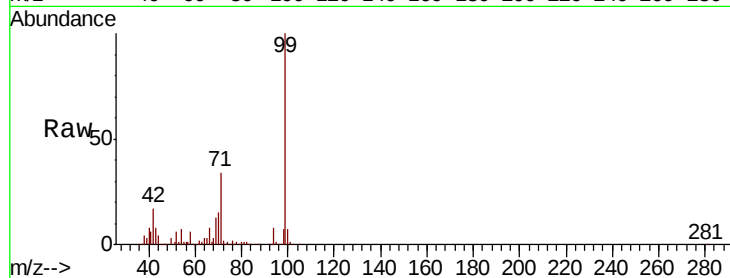
Tot Ion: 99 Resp: 1127283

Ion Ratio Lower Upper

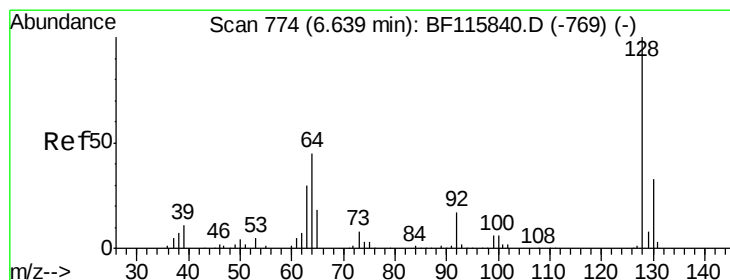
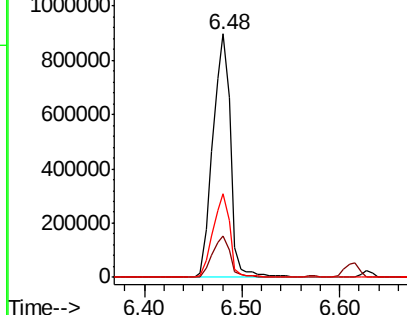
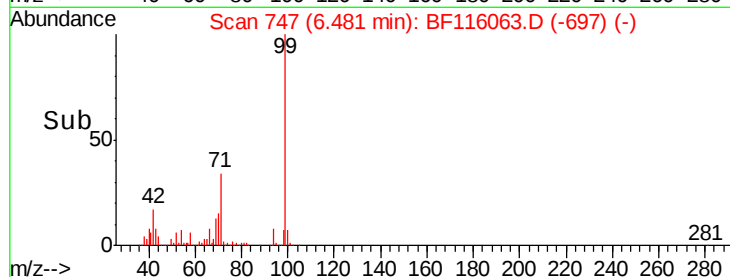
99 100

42 16.8 13.8 20.8

71 34.2 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: 39.017 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

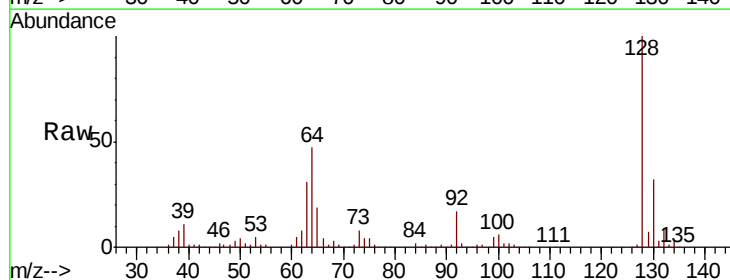
Tgt Ion: 128 Resp: 363706

Ion Ratio Lower Upper

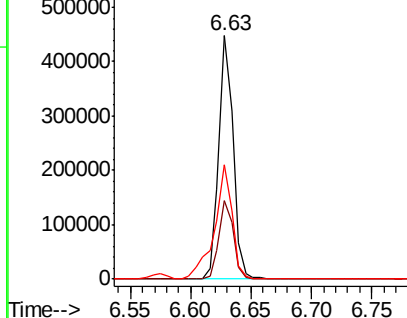
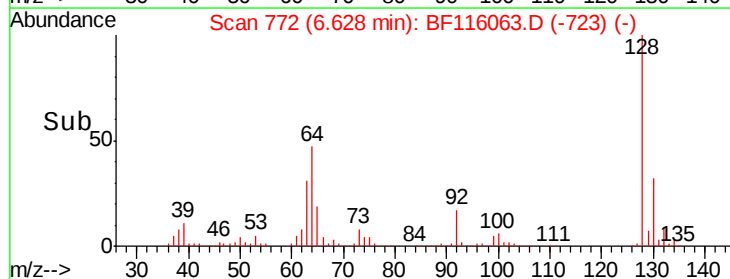
128 100

130 32.2 12.9 52.9

64 47.1 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: 15.127 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

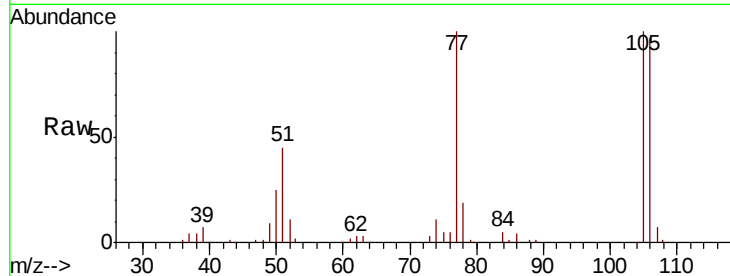
Tot Ion: 77 Resp: 111008

Ion Ratio Lower Upper

77 100

105 100.4 79.2 119.2

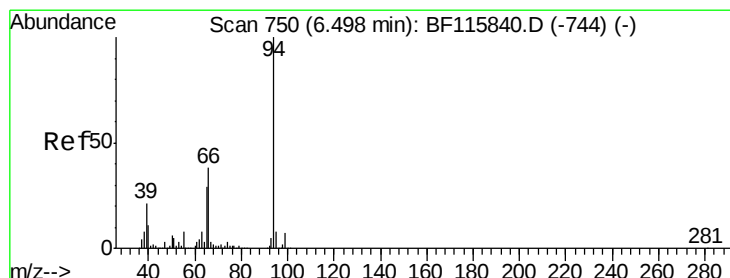
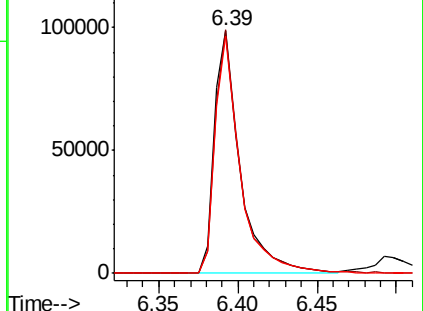
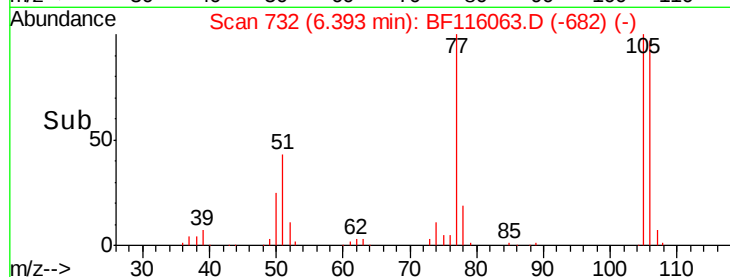
106 97.7 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.887 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

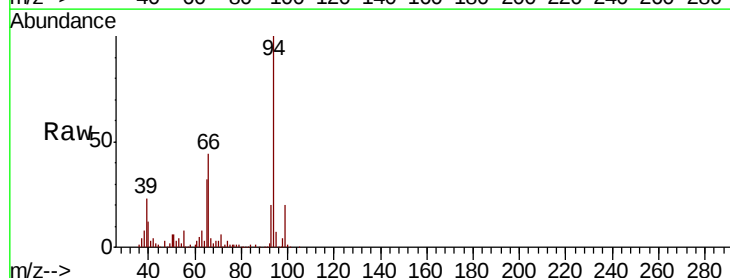
Tgt Ion: 94 Resp: 461993

Ion Ratio Lower Upper

94 100

65 31.6 16.8 56.8

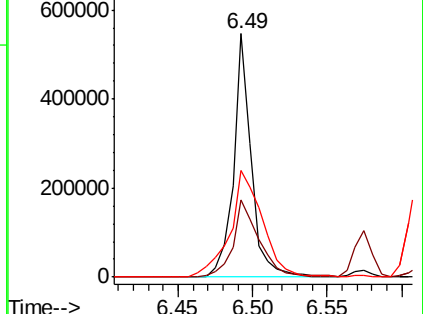
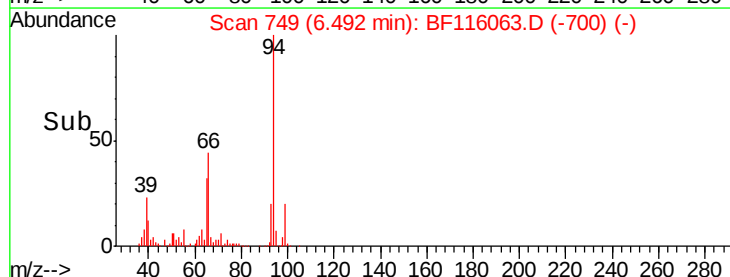
66 43.8 34.2 74.2

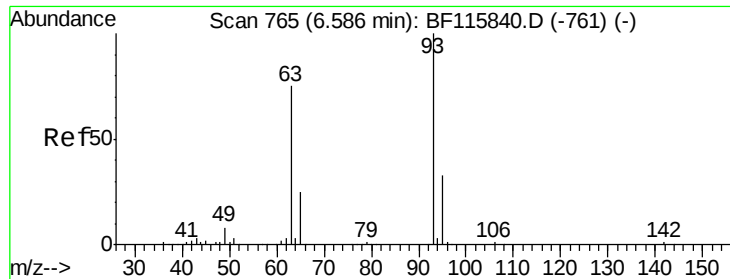


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

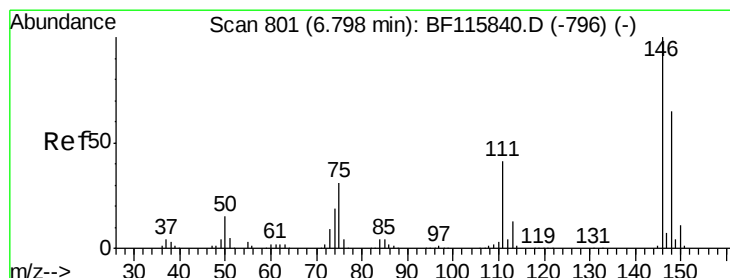
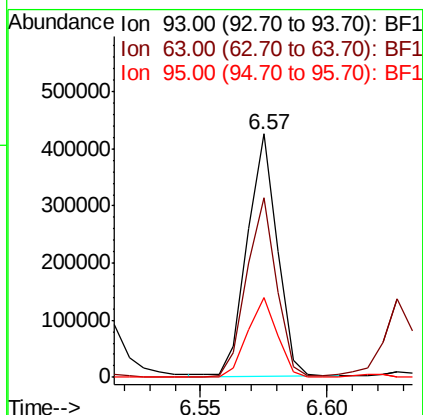
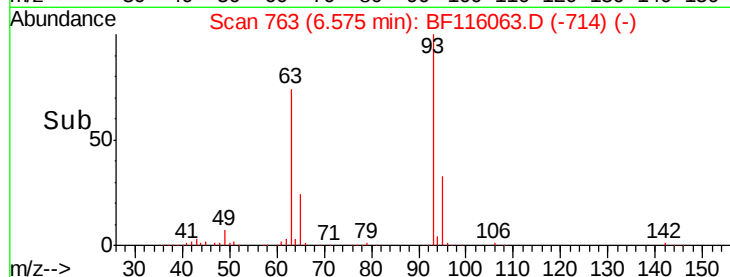
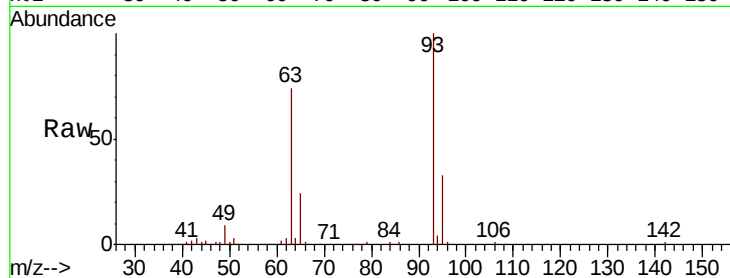




#11
bis(2-Chloroethyl)ether
Concen: 37.975 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

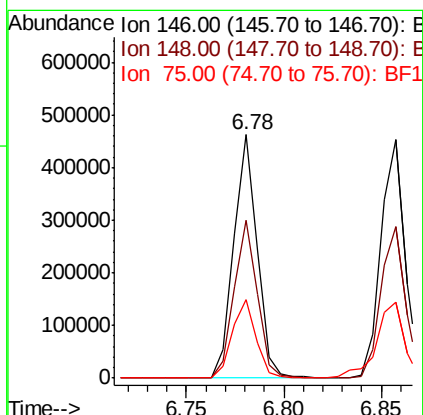
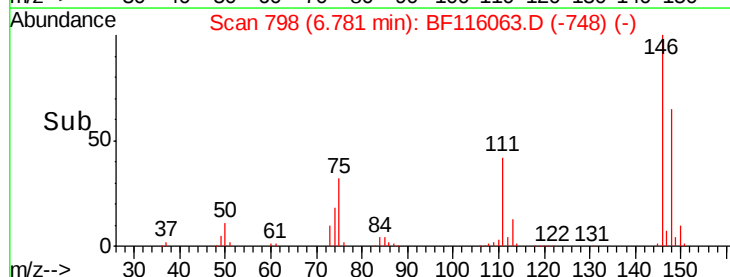
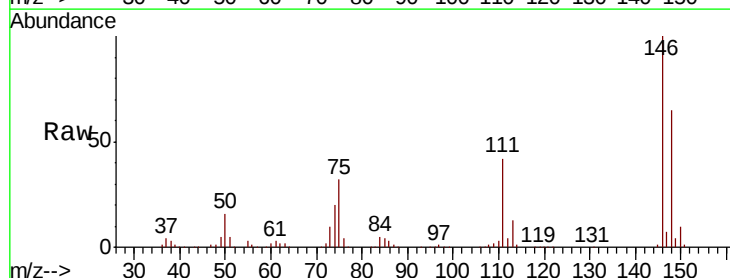
Instrument :
BNA_F
ClientSampleId :

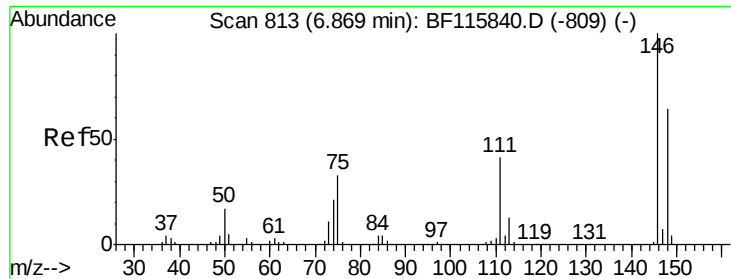
Tot Ion: 93 Resp: 349686
Ion Ratio Lower Upper
93 100
63 73.8 51.9 91.9
95 32.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 35.792 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion: 146 Resp: 385595
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 32.2 27.4 41.2

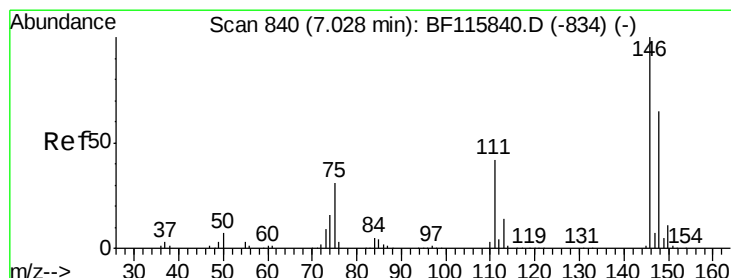
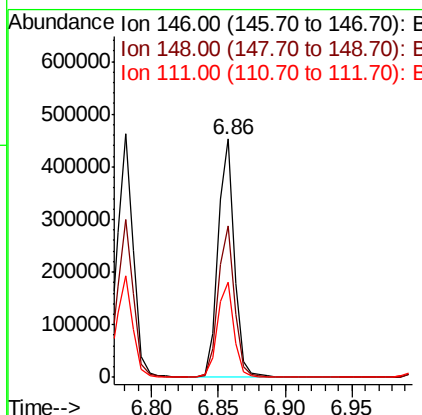
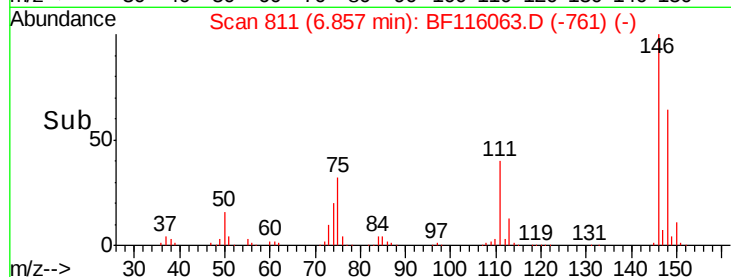
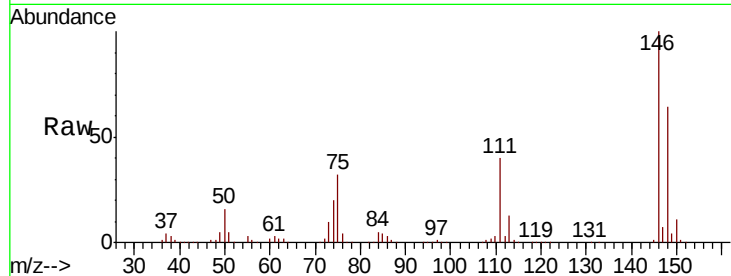




#13
 1,4-Dichlorobenzene
 Concen: 36.332 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

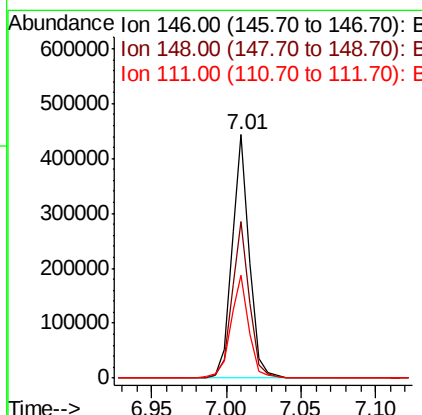
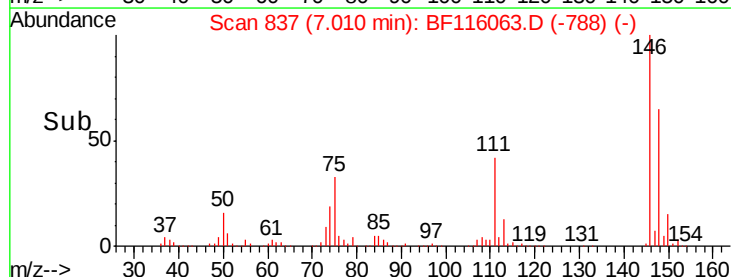
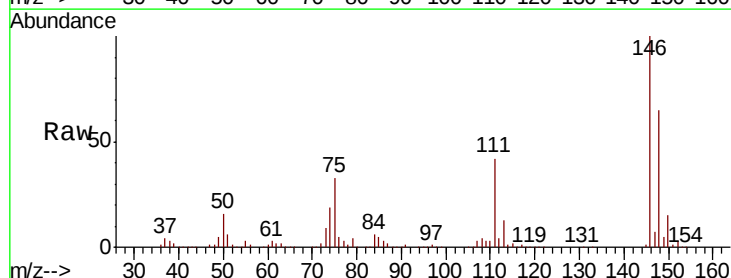
Instrument :
 BNA_F
 ClientSampled :

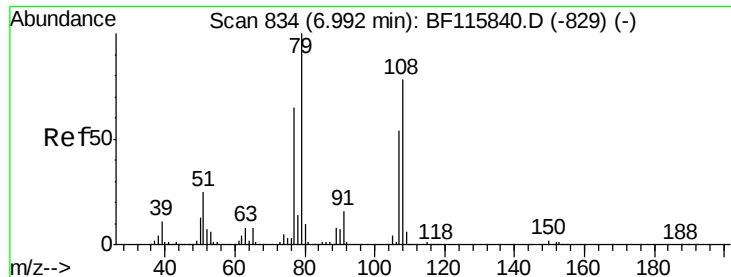
Tot Ion:146 Resp: 391904
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 39.7 34.0 51.0



#14
 1,2-Dichlorobenzene
 Concen: 36.698 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:146 Resp: 364495
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 42.3 33.5 50.3





#15

Benzyl Alcohol

Concen: 37.686 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

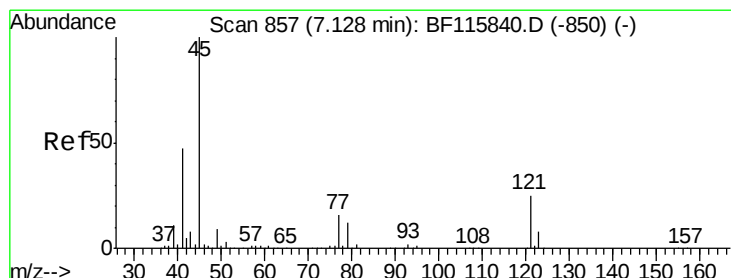
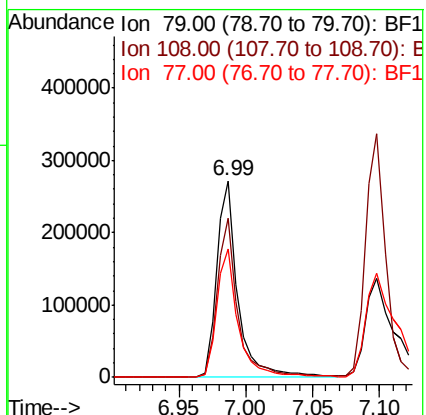
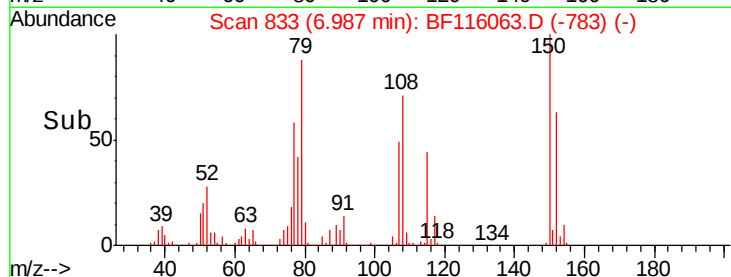
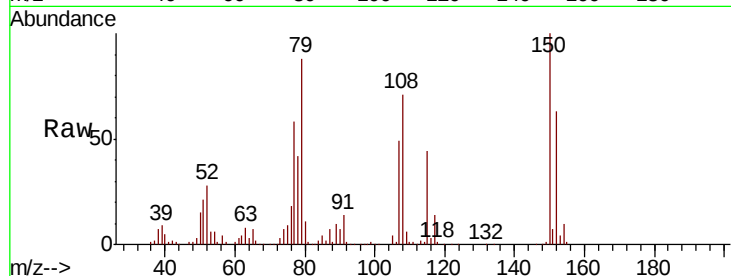
Tot Ion: 79 Resp: 304178

Ion Ratio Lower Upper

79 100

108 80.8 62.7 94.1

77 65.6 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.924 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

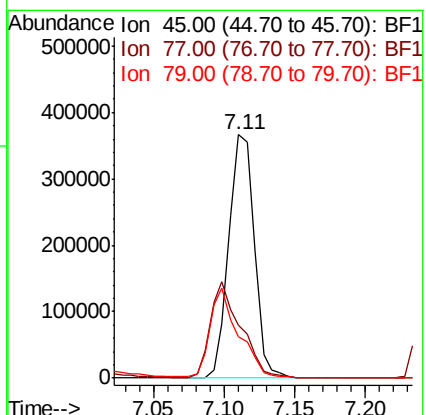
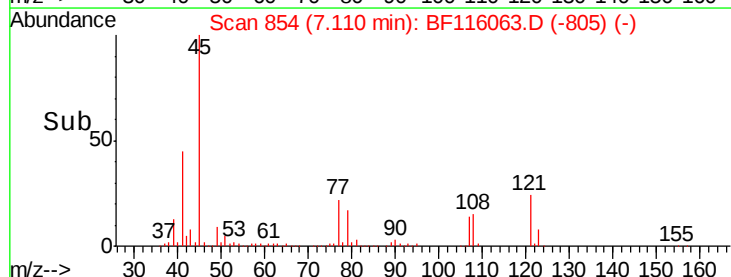
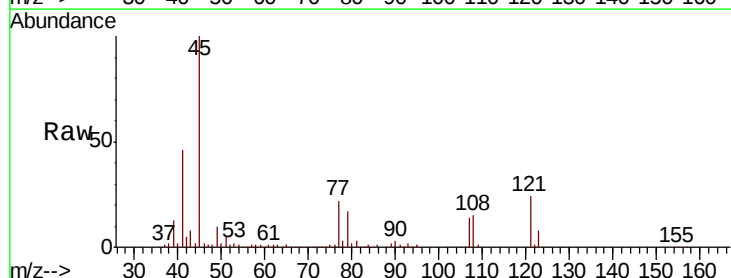
Tgt Ion: 45 Resp: 463765

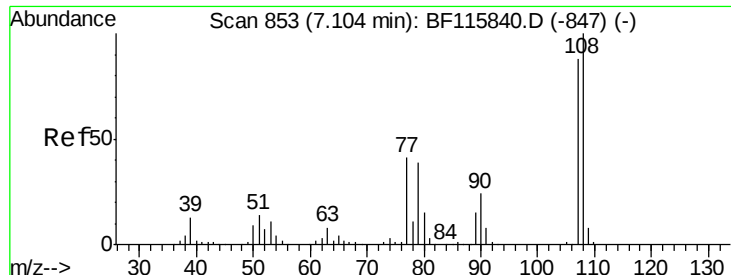
Ion Ratio Lower Upper

45 100

77 21.7 0.0 40.0

79 17.2 0.0 35.9





#17

2-Methylphenol

Concen: 38.974 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 307627

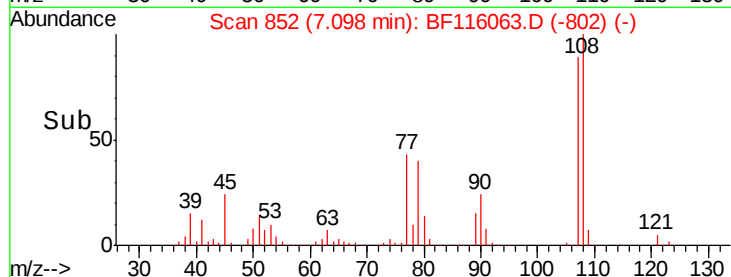
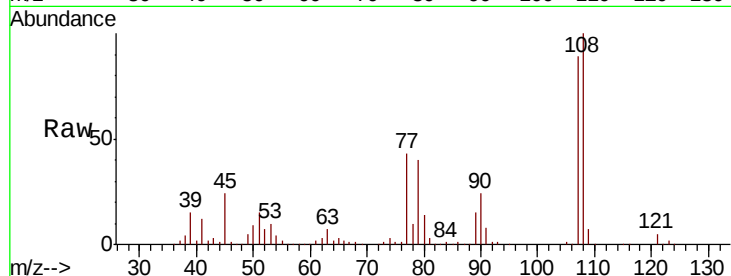
Ion Ratio Lower Upper

107 100

108 112.6 91.2 136.8

77 48.4 40.3 60.5

79 45.6 37.6 56.4

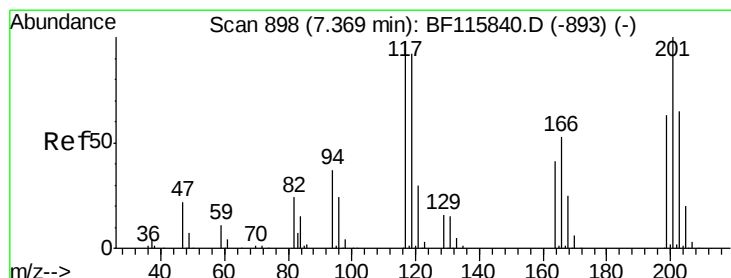
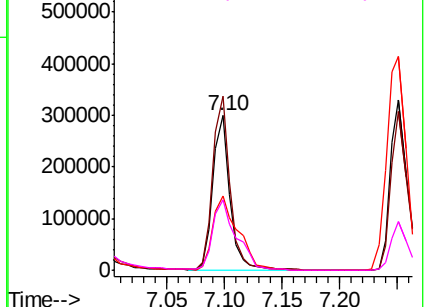


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.101 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

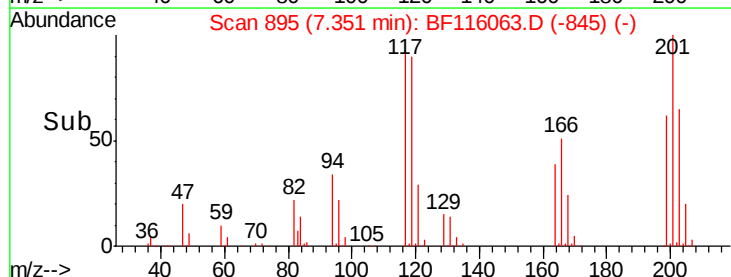
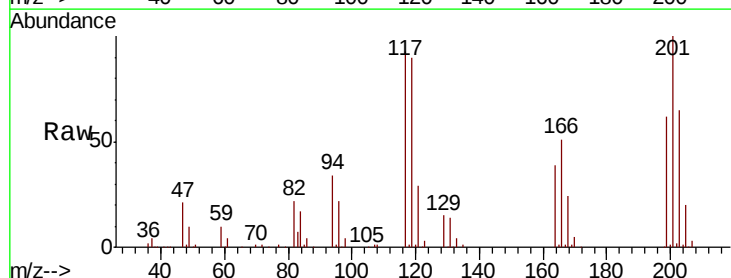
Tgt Ion:117 Resp: 143374

Ion Ratio Lower Upper

117 100

119 97.5 76.1 114.1

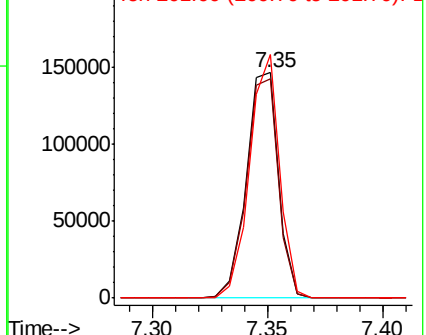
201 107.9 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

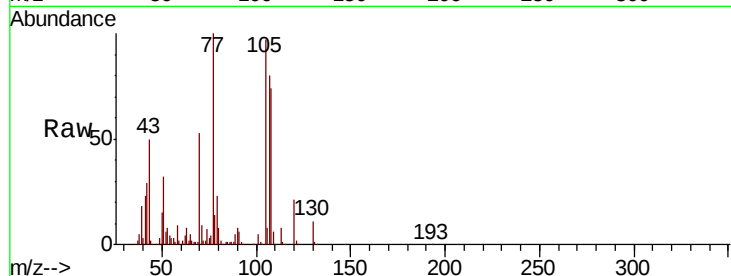




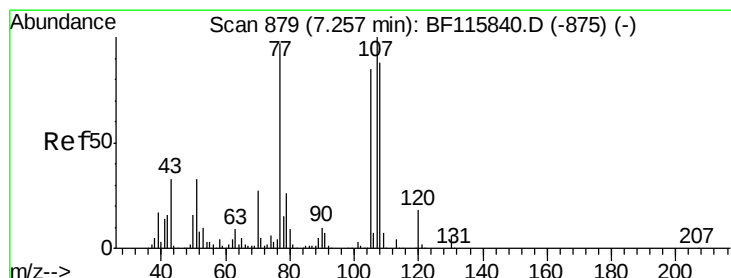
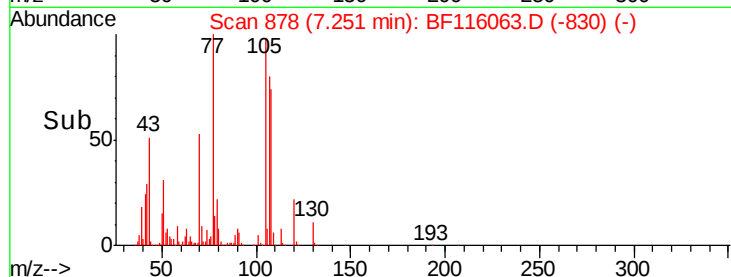
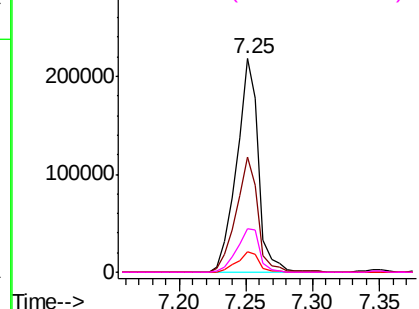
#19
n-Nitroso-di-n-propylamine
Concen: 38.029 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	250636
Ion	Ratio	Lower	Upper
70	100		
42	54.1	40.9	61.3
101	9.5	7.9	11.9
130	20.3	16.9	25.3

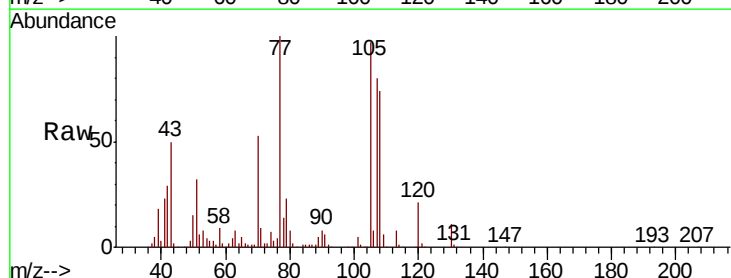


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

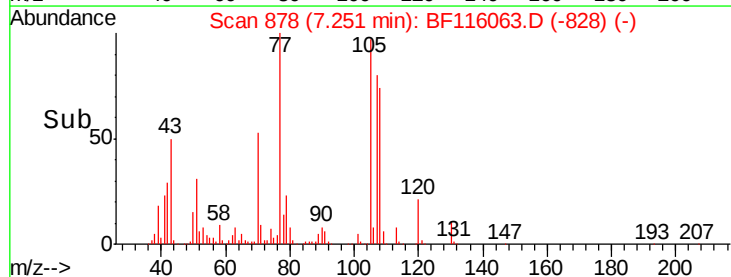
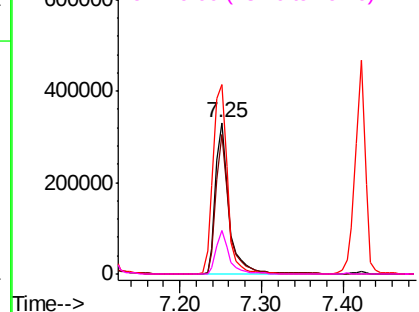


#20
3+4-Methylphenols
Concen: 39.811 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:	107	Resp:	371854
Ion	Ratio	Lower	Upper
107	100		
108	92.6	67.6	107.6
77	125.0	104.4	144.4
79	28.8	7.4	47.4



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574509

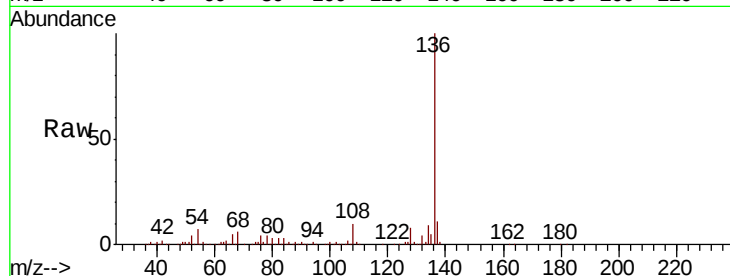
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.7 5.8 8.6

68 6.1 5.2 7.8

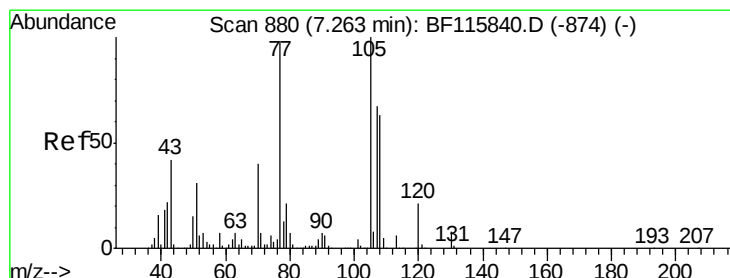
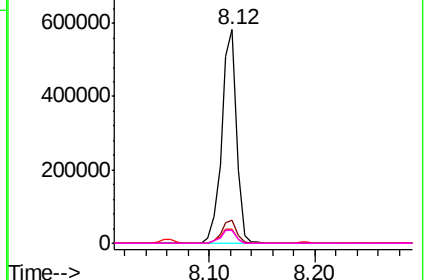
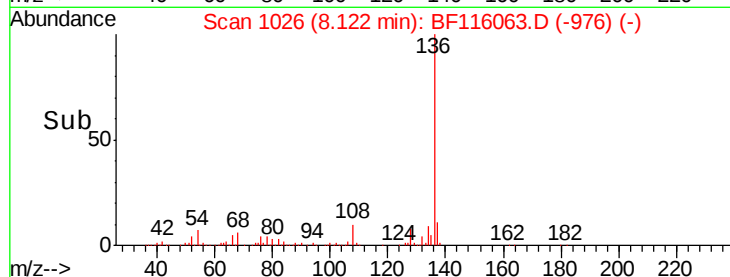


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.555 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:105 Resp: 498386

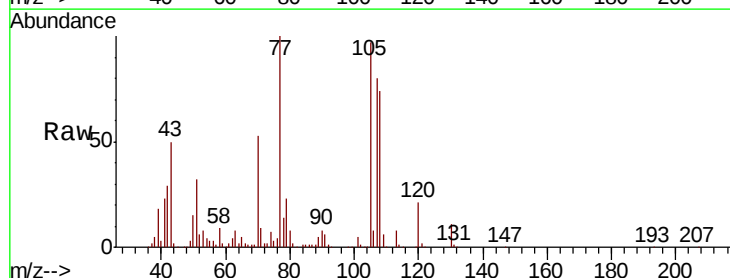
Ion Ratio Lower Upper

105 100

71 8.9 5.9 8.9#

51 32.4 25.3 37.9

120 21.9 17.9 26.9

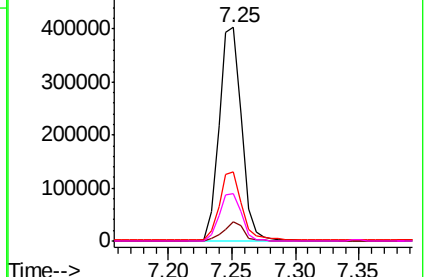
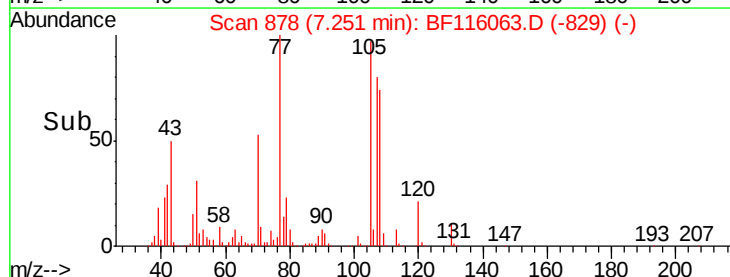


Abundance Ion 105.00 (104.70 to 105.70): E

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

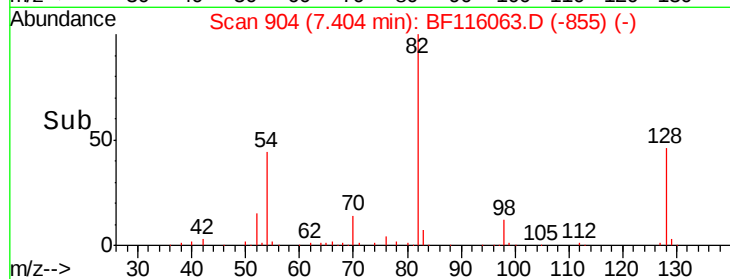
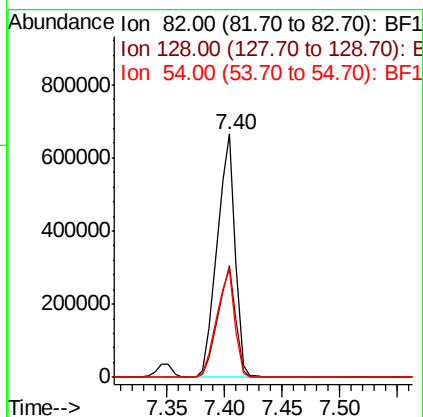
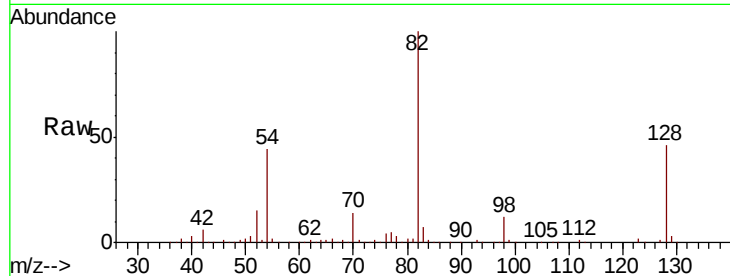




#23
 Nitrobenzene-d5
 Concen: 72.491 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

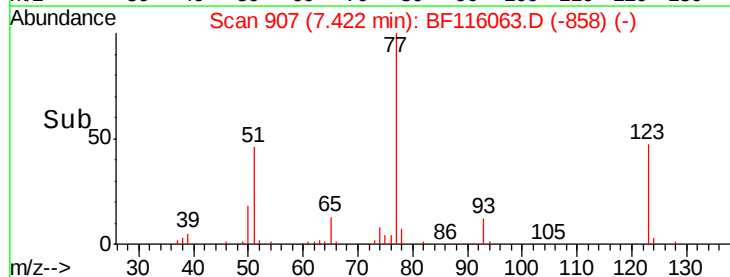
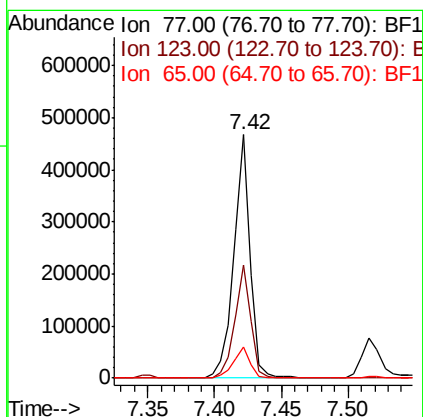
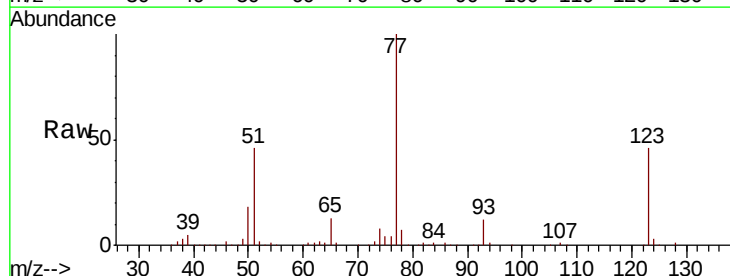
Instrument :
 BNA_F
 ClientSampled :

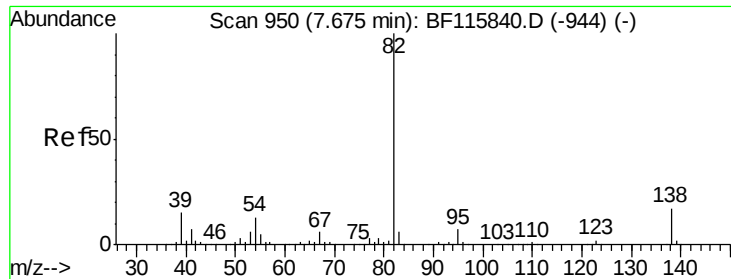
Tot Ion: 82 Resp: 721496
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.5 54.7
 54 44.2 36.0 54.0



#24
 Nitrobenzene
 Concen: 37.229 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion: 77 Resp: 400086
 Ion Ratio Lower Upper
 77 100
 123 46.5 36.7 55.1
 65 13.0 10.6 16.0





#25

Isophorone

Concen: 38.949 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

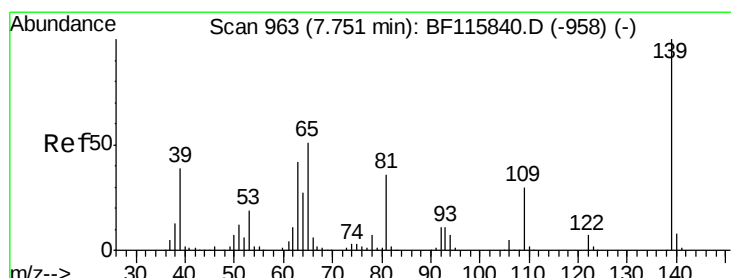
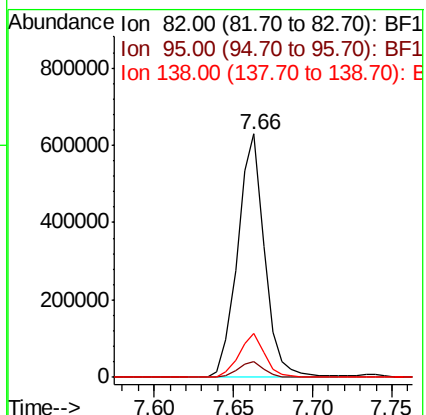
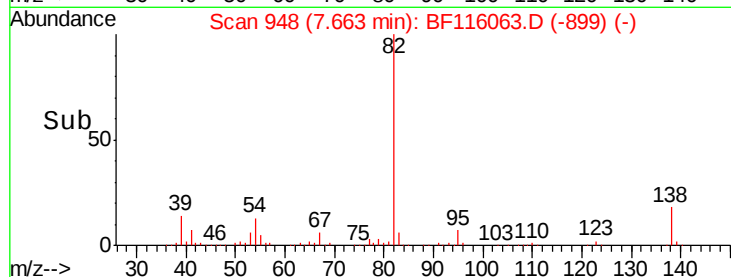
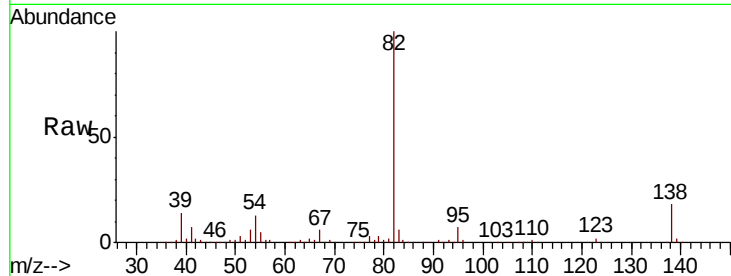
Tot Ion: 82 Resp: 741255

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 17.9 14.5 21.7



#26

2-Nitrophenol

Concen: 39.515 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

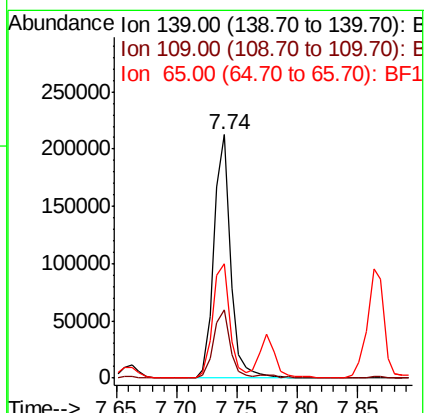
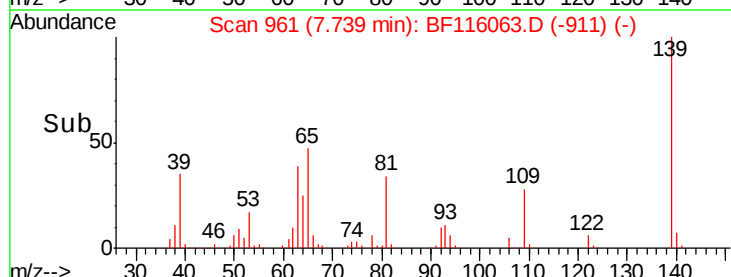
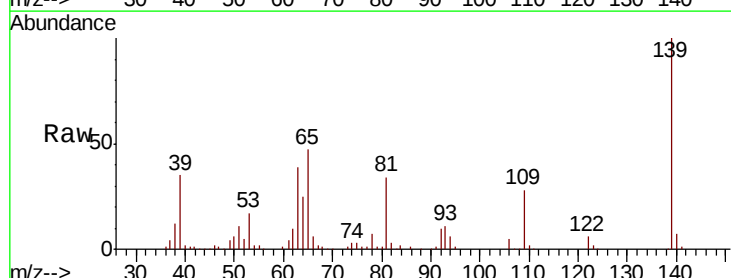
Tgt Ion: 139 Resp: 200176

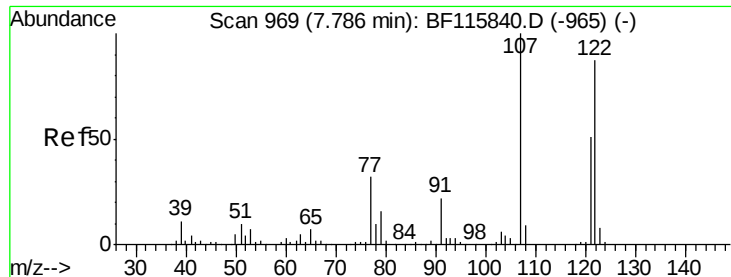
Ion Ratio Lower Upper

139 100

109 28.3 23.4 35.2

65 47.2 41.1 61.7

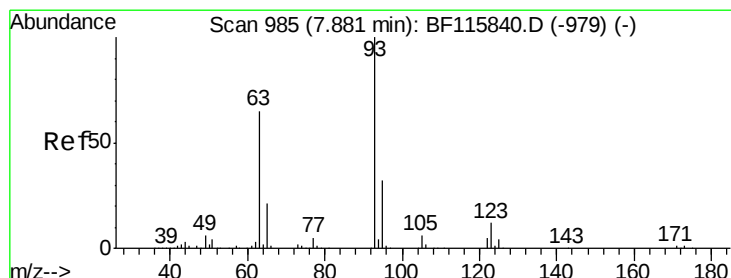
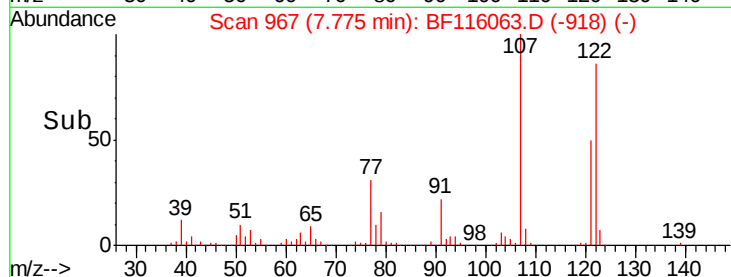
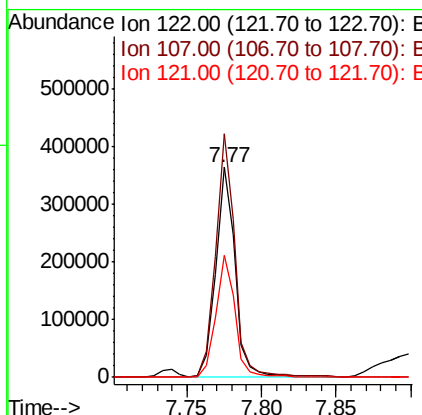
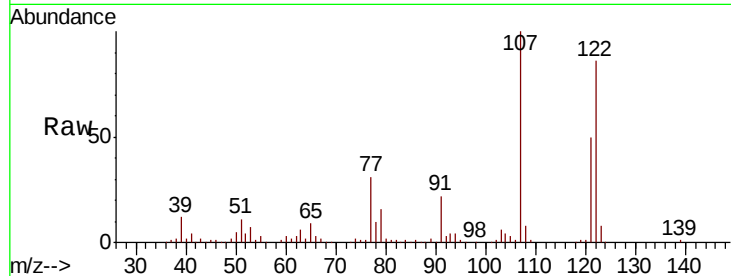




#27
2,4-Dimethylphenol
Concen: 43.258 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

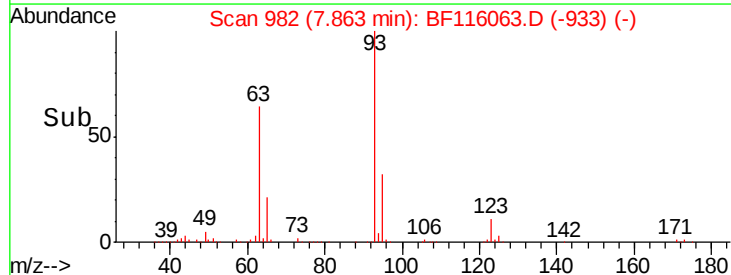
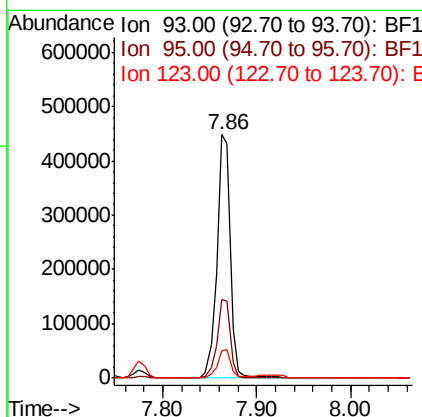
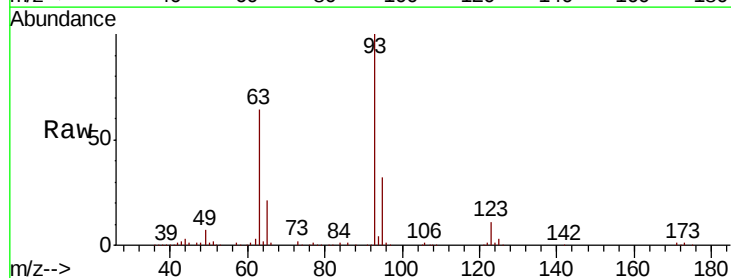
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 329692
Ion Ratio Lower Upper
122 100
107 116.0 93.0 139.6
121 58.2 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.278 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion: 93 Resp: 451527
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 11.0 9.2 13.8

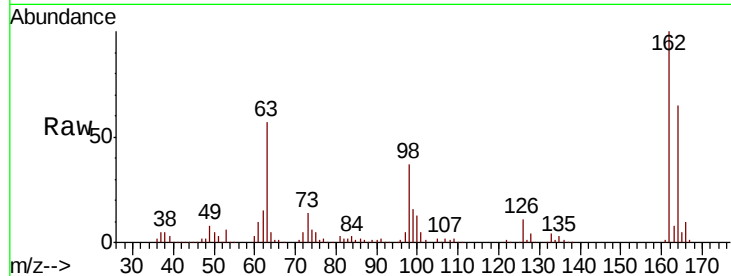




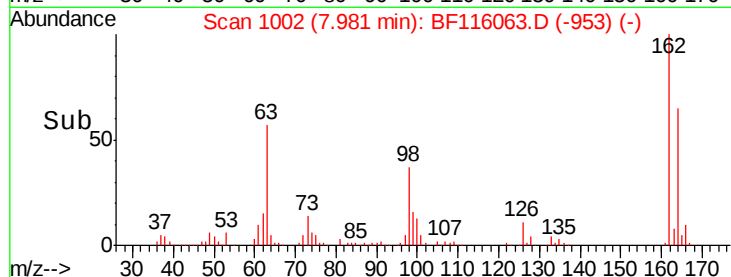
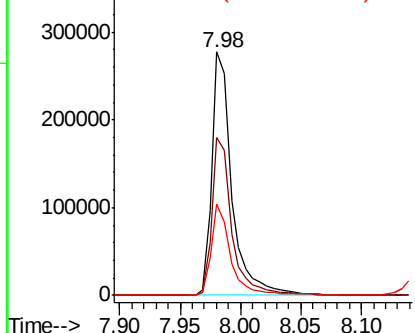
#29
 2,4-Dichlorophenol
 Concen: 39.578 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 318493
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.1 85.1
 98 37.5 15.8 55.8

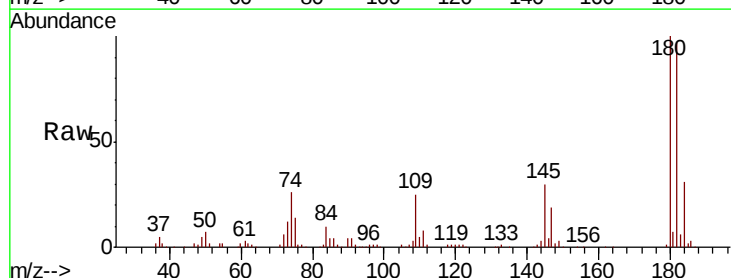


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

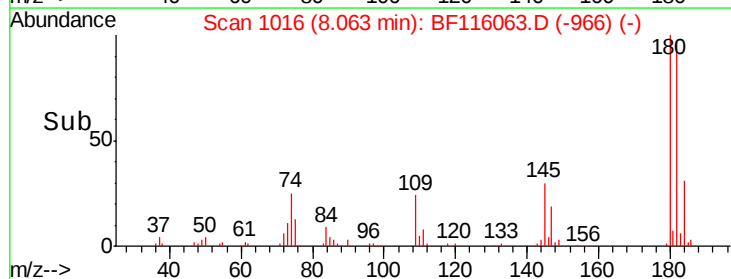
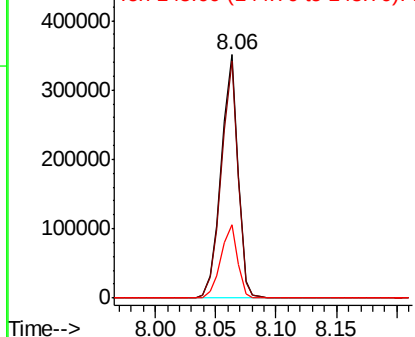


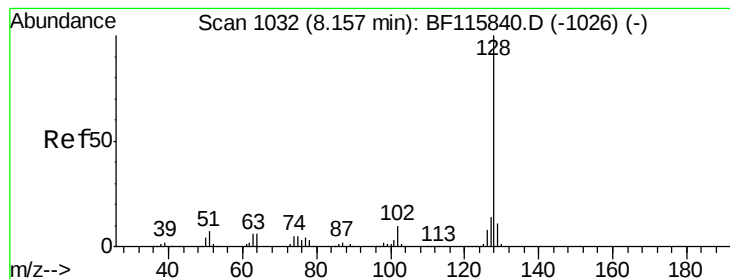
#30
 1,2,4-Trichlorobenzene
 Concen: 36.914 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:180 Resp: 338612
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.7 113.5
 145 29.9 24.3 36.5



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





#31

Naphthalene

Concen: 38.955 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

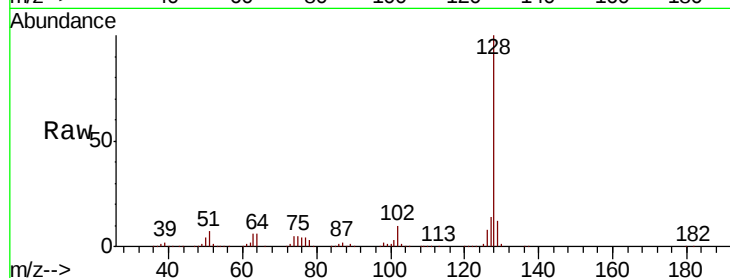
Tot Ion:128 Resp: 1053160

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

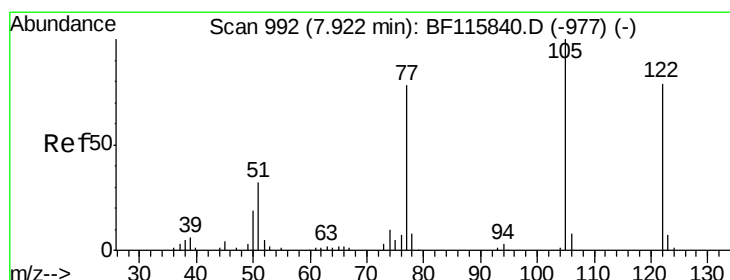
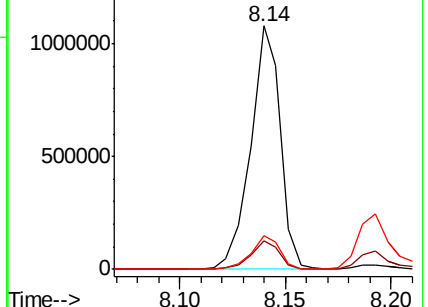
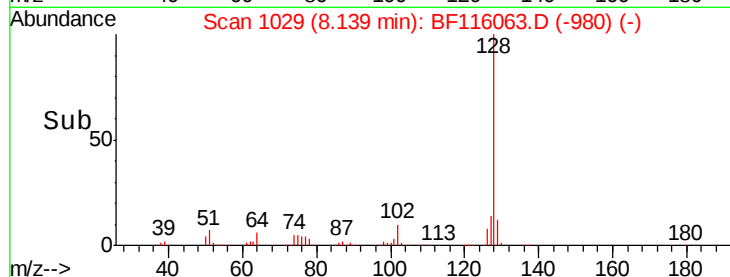
127 13.7 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.909 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

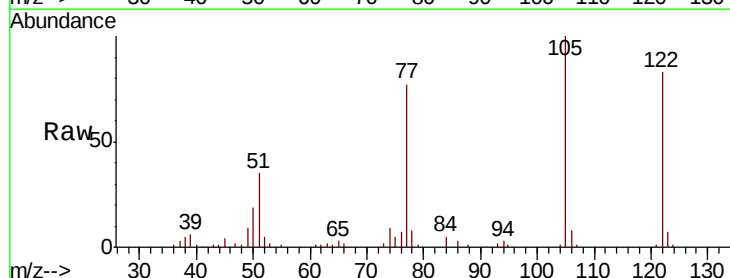
Tgt Ion:122 Resp: 192954

Ion Ratio Lower Upper

122 100

105 120.9 106.1 146.1

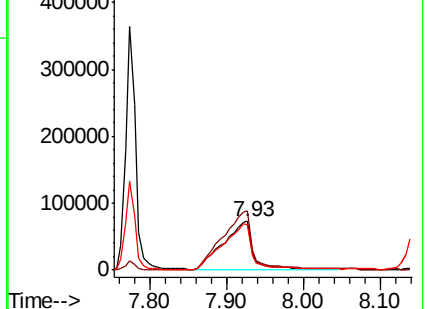
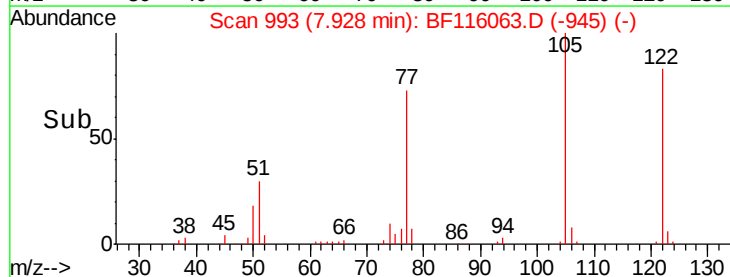
77 93.0 76.7 116.7

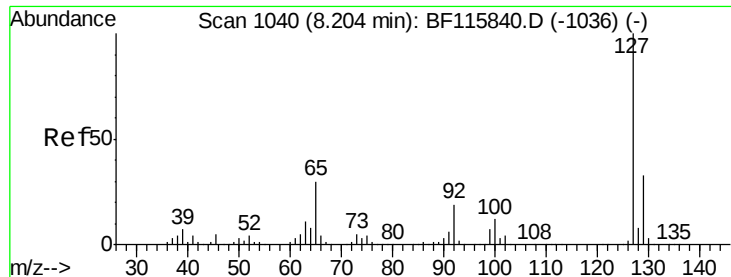


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

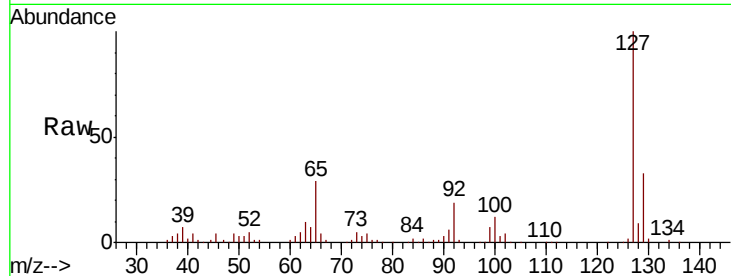




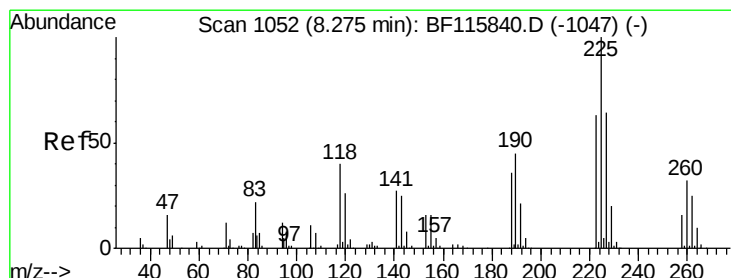
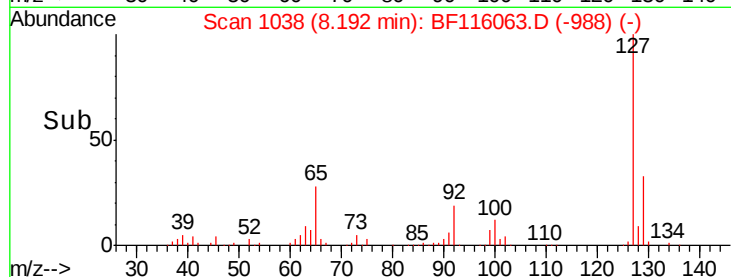
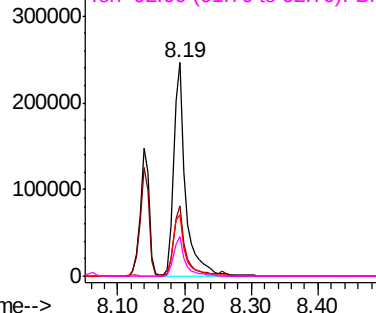
#33
4-Chloroaniline
Concen: 24.615 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	297340
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.1	39.1
65	28.7	24.9	37.3
92	18.6	15.7	23.5

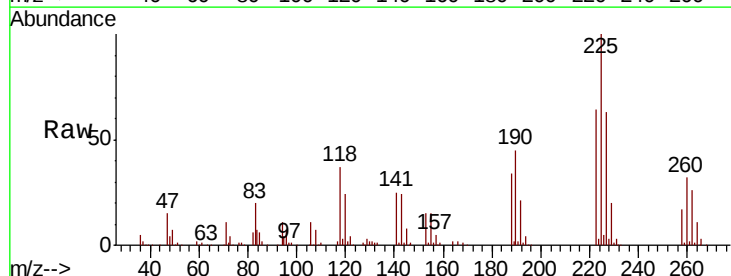


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

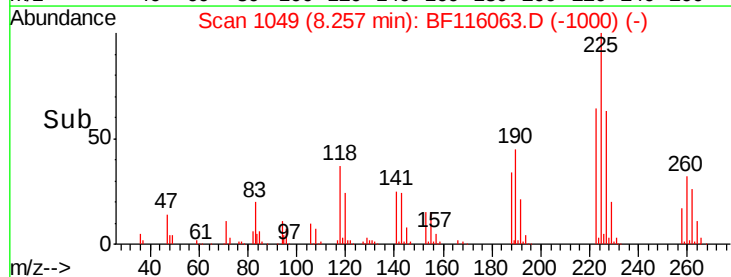
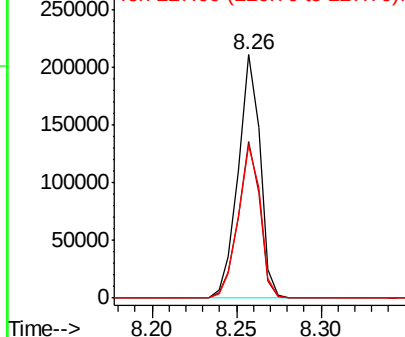


#34
Hexachlorobutadiene
Concen: 36.054 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:	225	Resp:	190495
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.0	75.0
227	62.9	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

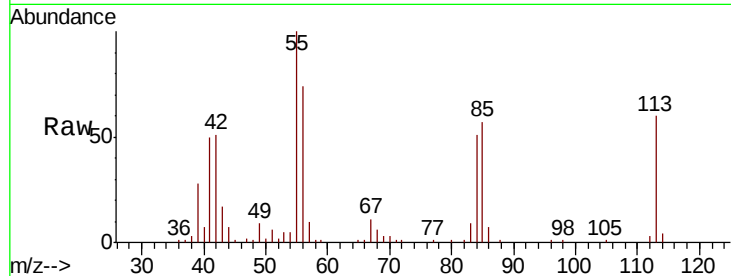




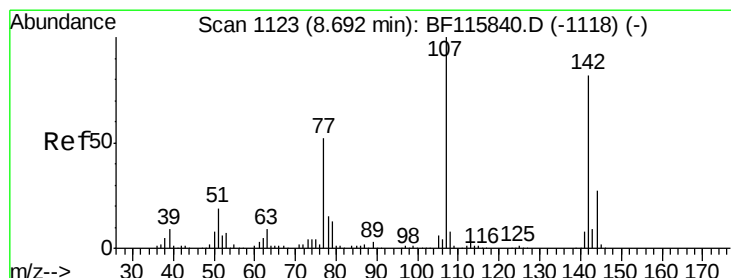
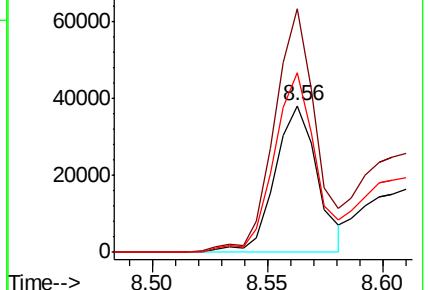
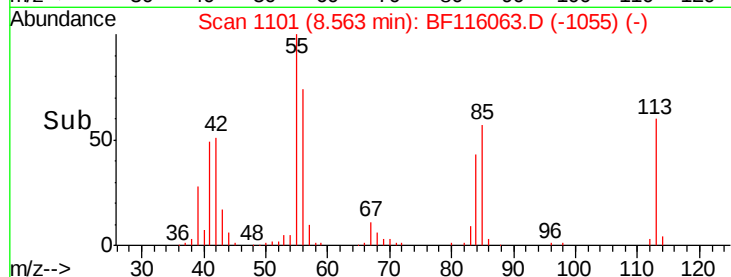
#35
Caprolactam
Concen: 18.645 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 48526
Ion Ratio Lower Upper
113 100
55 166.3 144.3 184.3
56 122.6 97.1 137.1

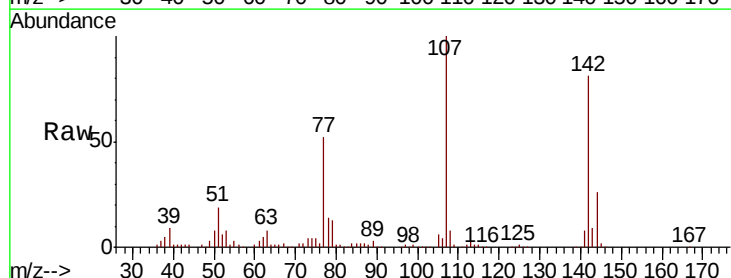


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

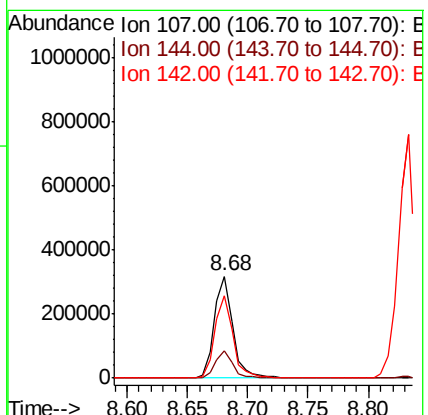
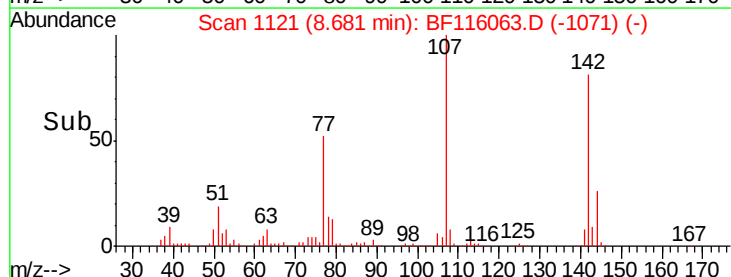


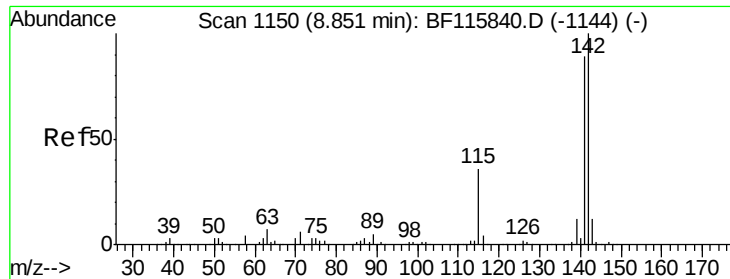
#36
4-Chloro-3-methylphenol
Concen: 39.898 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:107 Resp: 334010
Ion Ratio Lower Upper
107 100
144 26.3 20.2 30.2
142 80.6 61.7 92.5



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

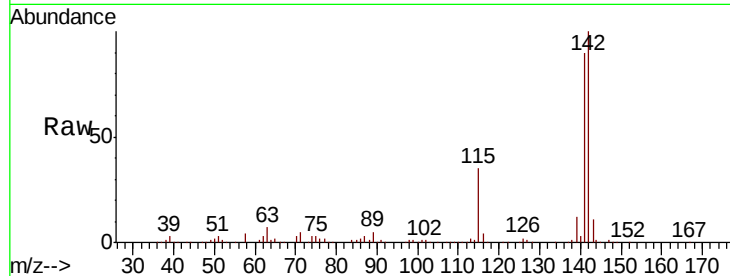




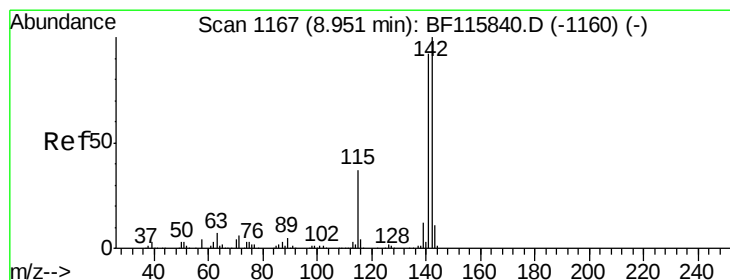
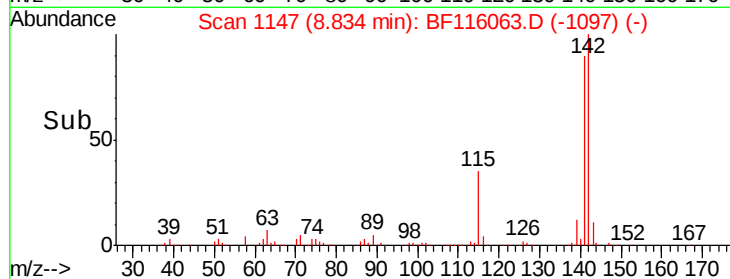
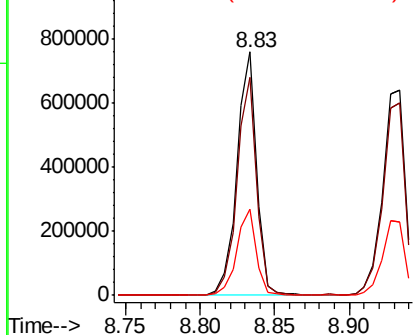
#37
2-Methylnaphthalene
Concen: 39.386 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 701272
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 35.3 29.0 43.6

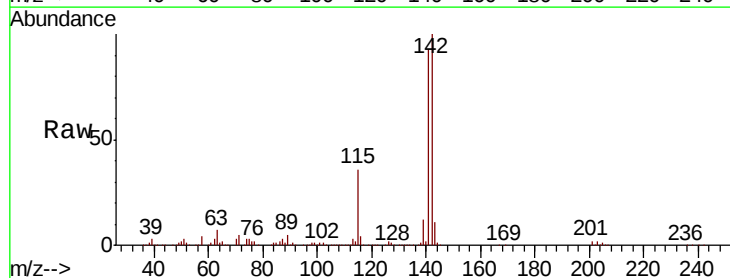


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

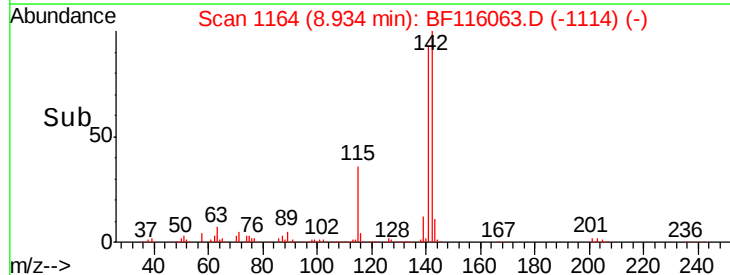
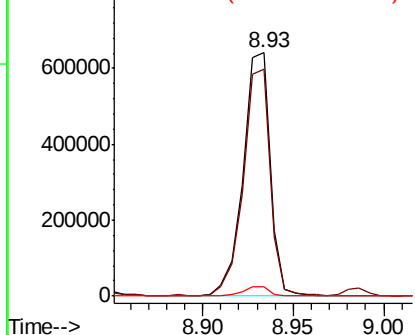


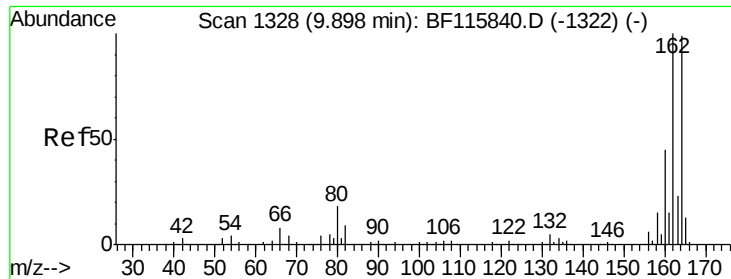
#38
1-Methylnaphthalene
Concen: 39.327 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:142 Resp: 662428
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 3.7 3.1 4.7



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

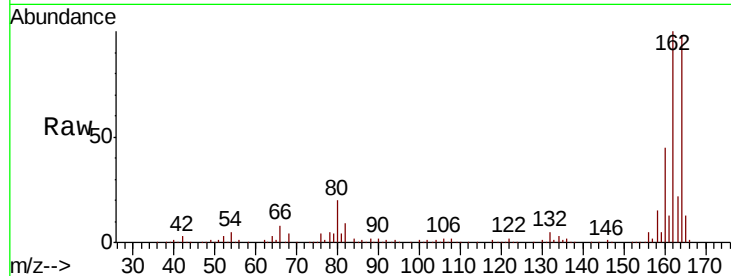




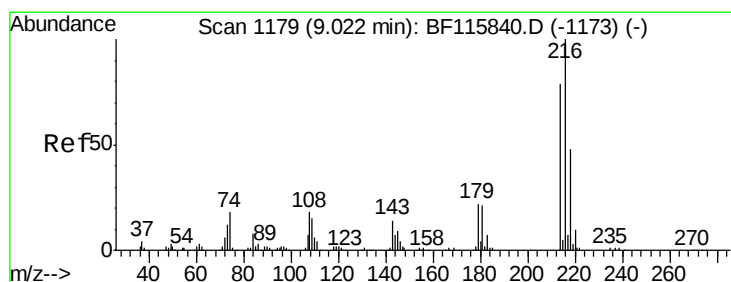
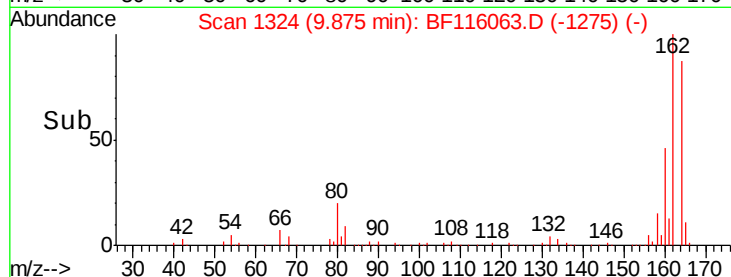
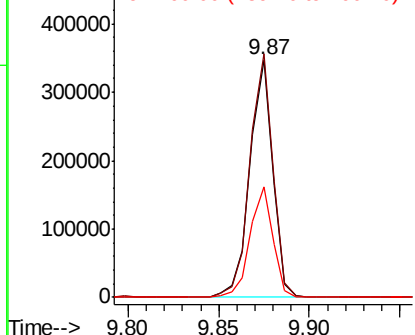
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 304976
Ion Ratio Lower Upper
164 100
162 102.4 82.6 124.0
160 46.4 37.6 56.4

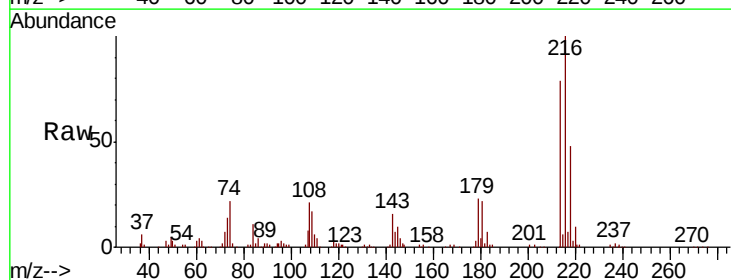


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

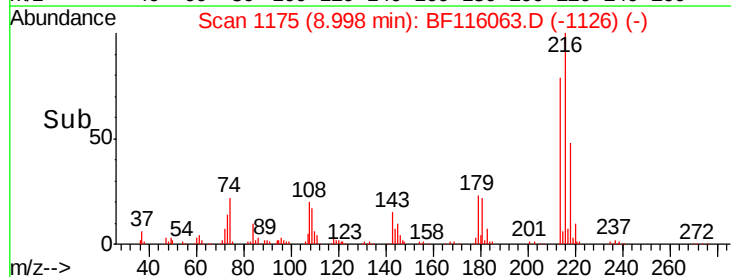
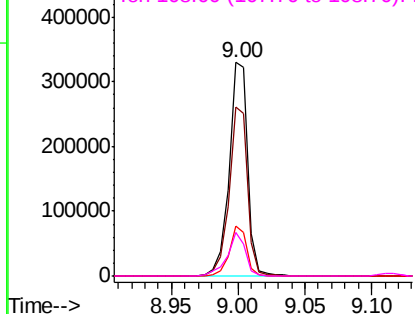


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.666 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:216 Resp: 323406
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 22.0 17.8 26.8
108 20.3 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: 41.396 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

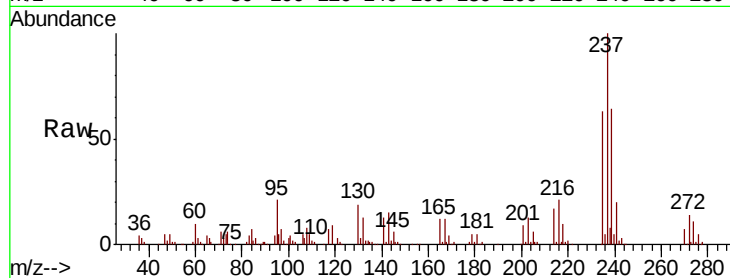
Tot Ion:237 Resp: 140224

Ion Ratio Lower Upper

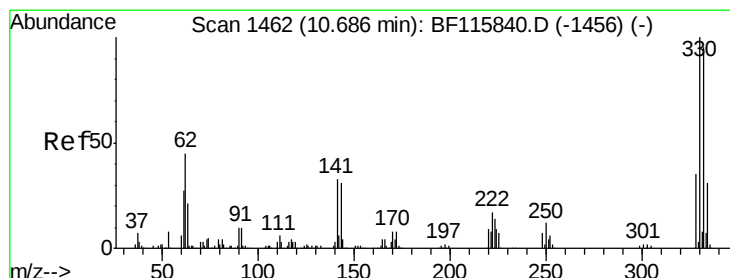
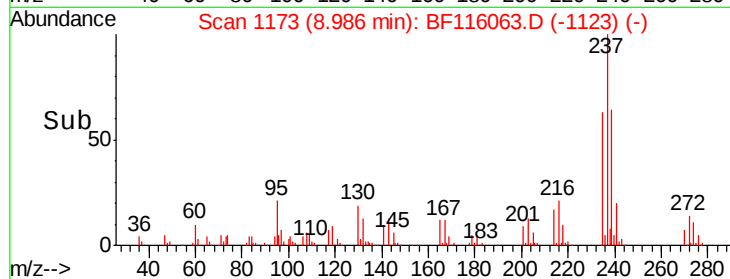
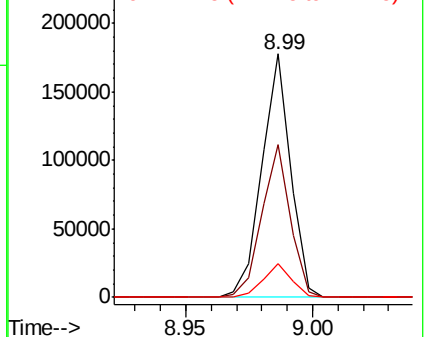
237 100

235 62.8 43.4 83.4

272 13.6 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: 108.907 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

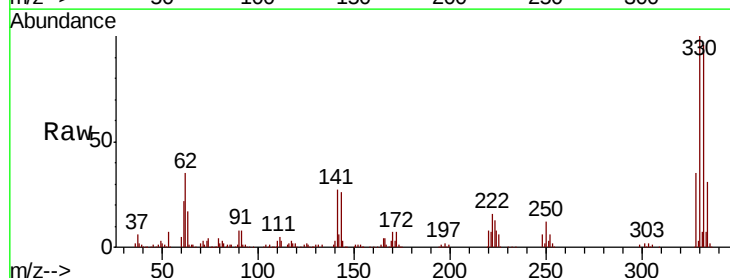
Tgt Ion:330 Resp: 322020

Ion Ratio Lower Upper

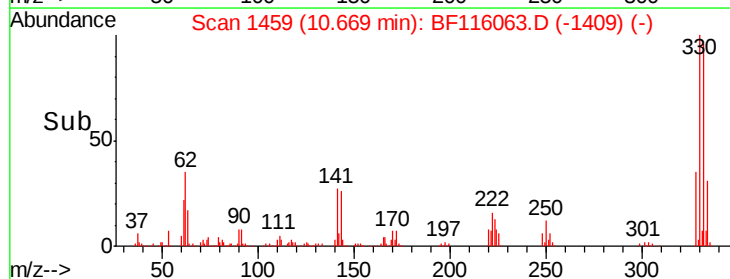
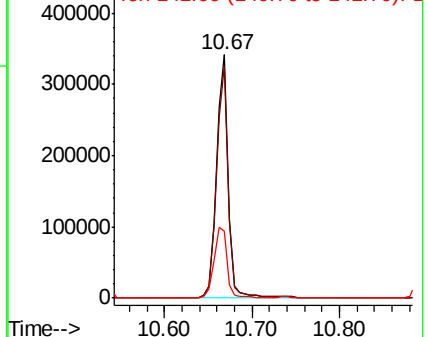
330 100

332 95.6 76.8 115.2

141 32.3 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

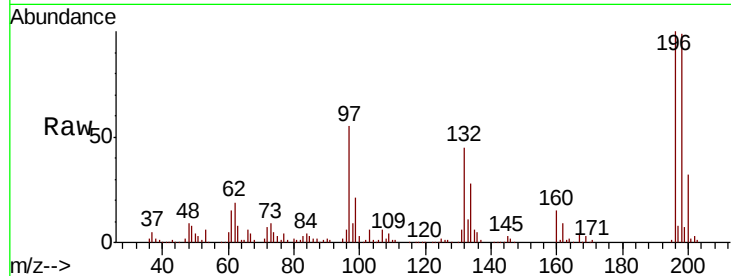




#43
 2,4,6-Trichlorophenol
 Concen: 37.453 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	210186
Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.2	118.8
200	31.7	25.2	37.8

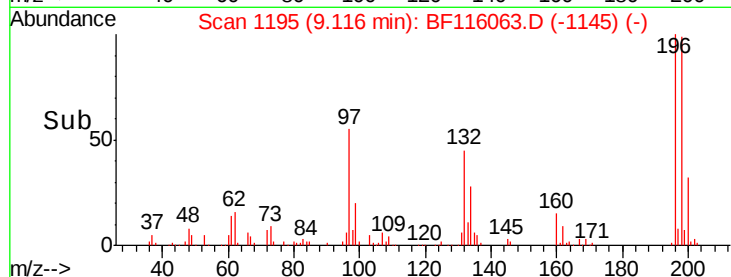
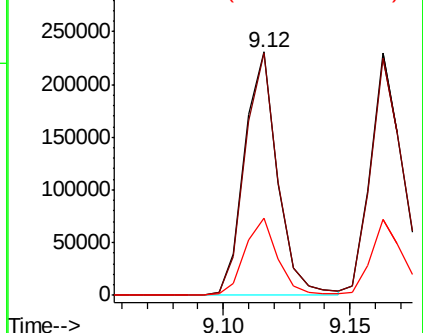


Abundance

Ion 196.00 (195.70 to 196.70): E

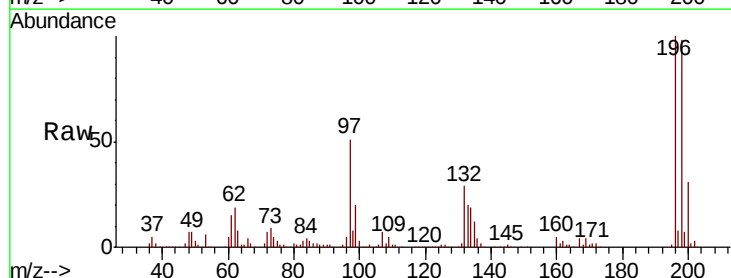
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.827 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	196	Resp	225240
Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.8	118.2
97	50.9	42.2	63.4
132	29.4	24.0	36.0



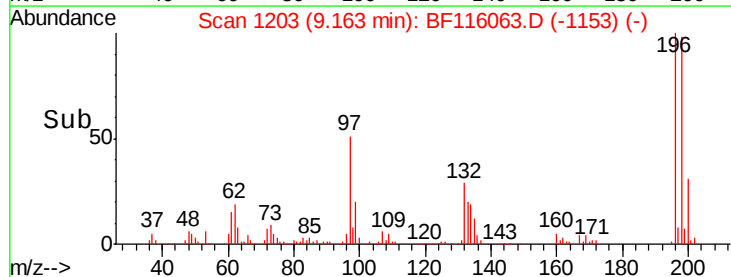
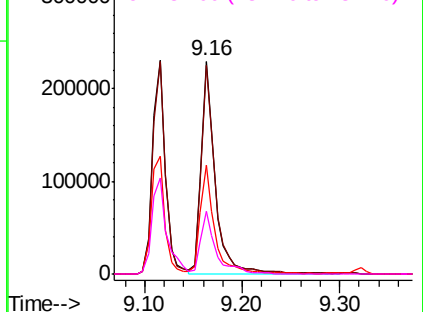
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

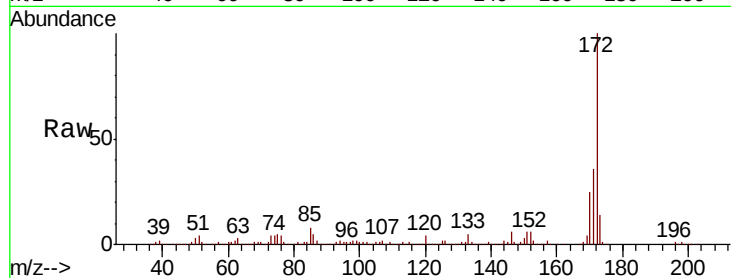




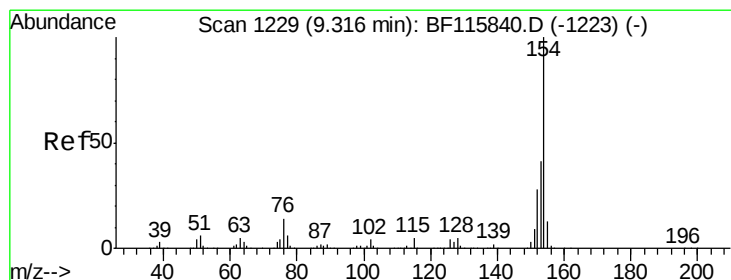
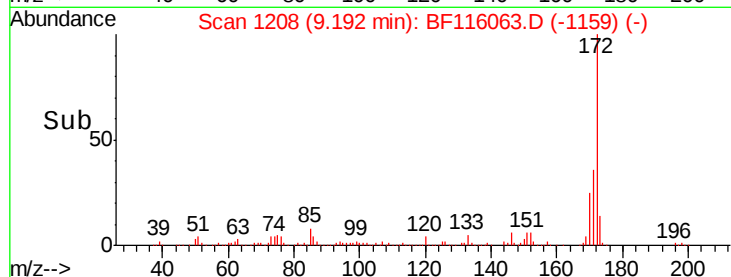
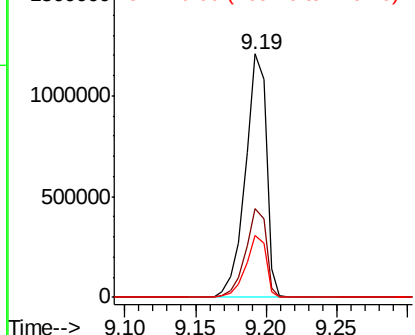
#45
2-Fluorobiphenyl
Concen: 77.332 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1259136
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 25.4 20.1 30.1

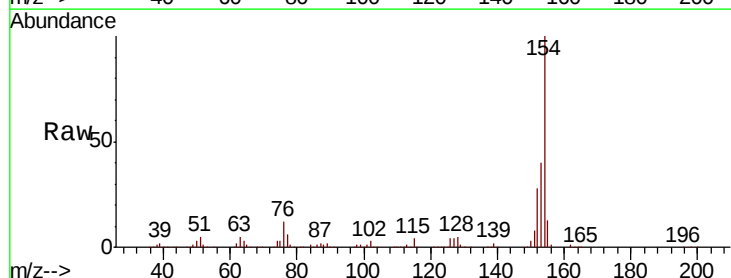


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

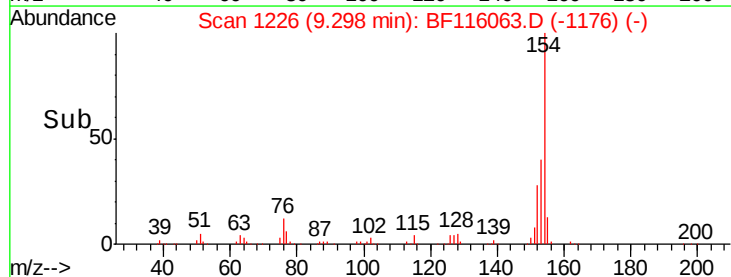
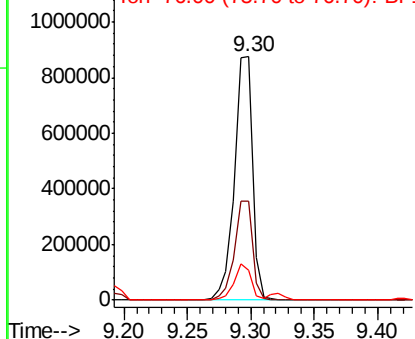


#46
1,1'-Biphenyl
Concen: 39.817 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:154 Resp: 857307
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 12.4 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

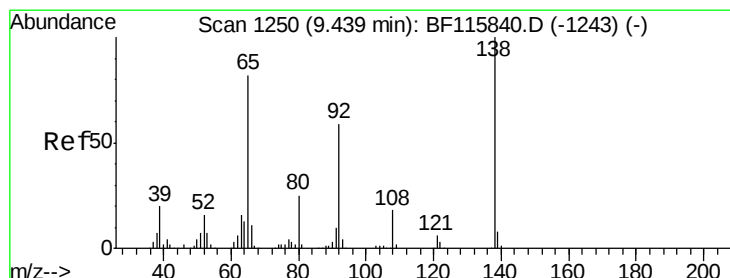
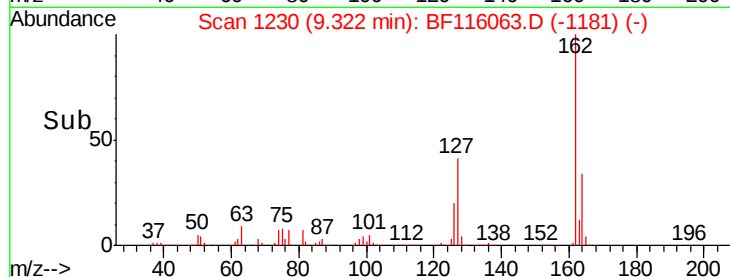
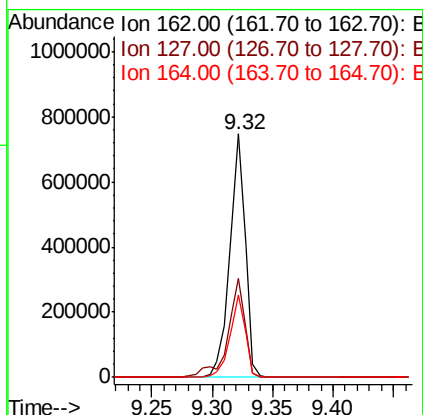
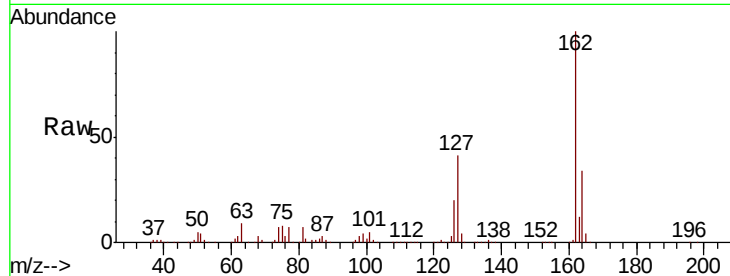




#47
 2-Chloronaphthalene
 Concen: 37.432 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

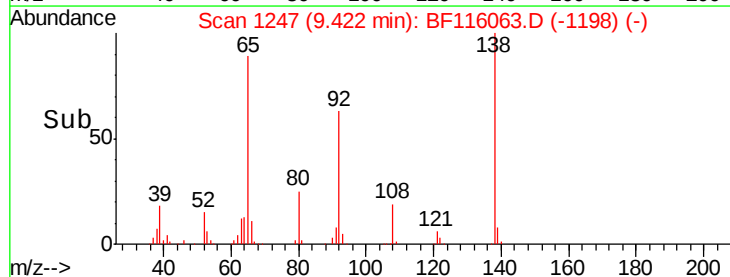
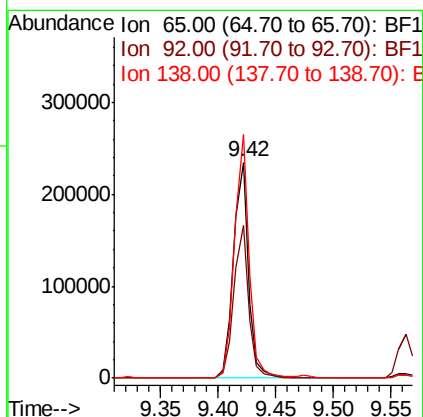
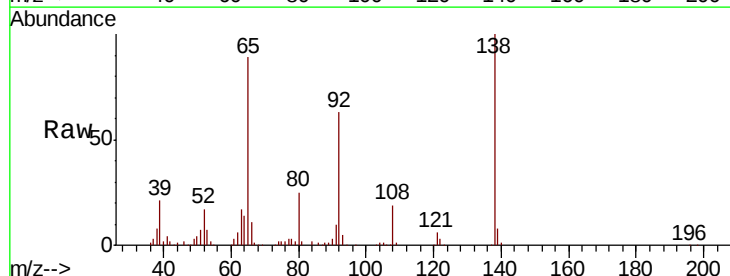
Instrument :
 BNA_F
 ClientSampleId :

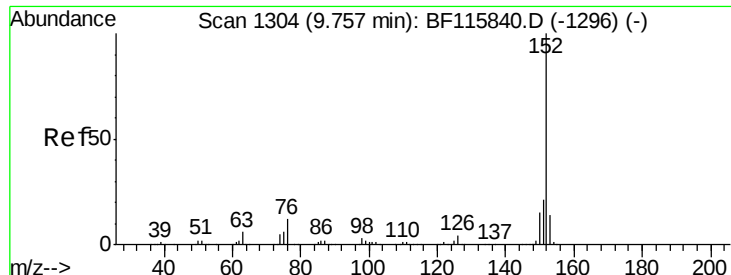
Tot Ion:162 Resp: 670793
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.8 49.2
 164 33.6 26.6 39.8



#48
 2-Nitroaniline
 Concen: 35.929 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion: 65 Resp: 212817
 Ion Ratio Lower Upper
 65 100
 92 71.0 57.8 86.8
 138 112.8 94.0 141.0





#49

Acenaphthylene

Concen: 39.400 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

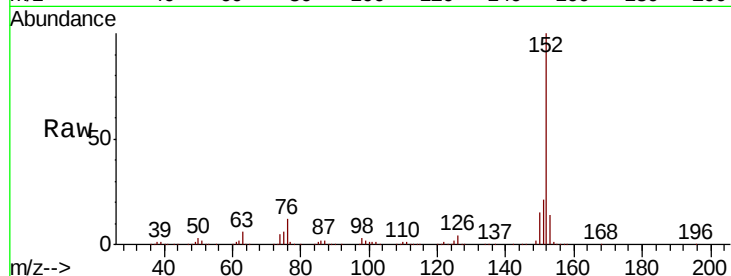
Tot Ion:152 Resp: 1030075

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

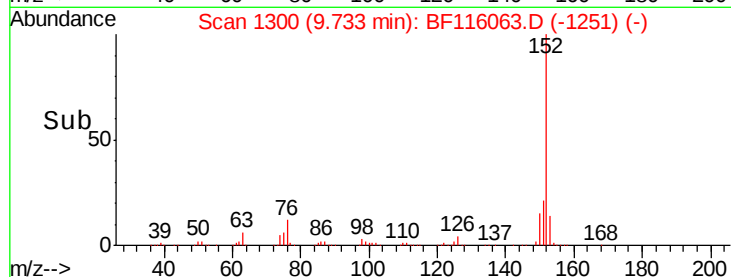
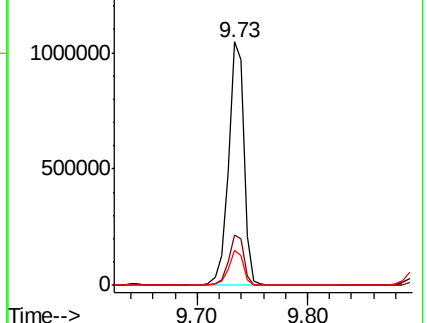
153 14.1 11.8 17.8



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: 38.978 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

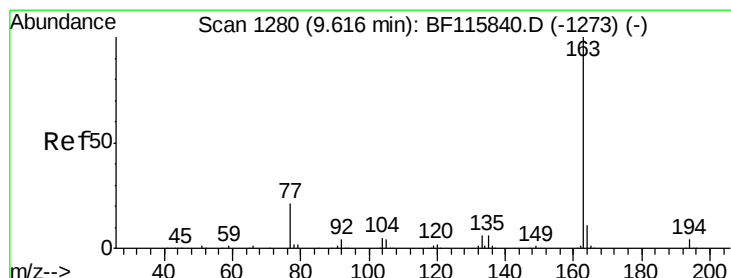
Tgt Ion:163 Resp: 809403

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

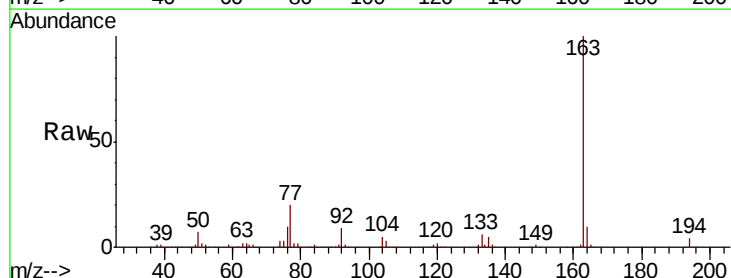
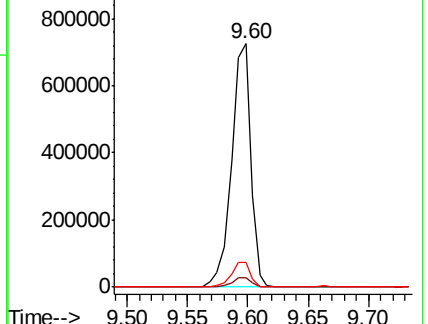
164 10.1 8.4 12.6

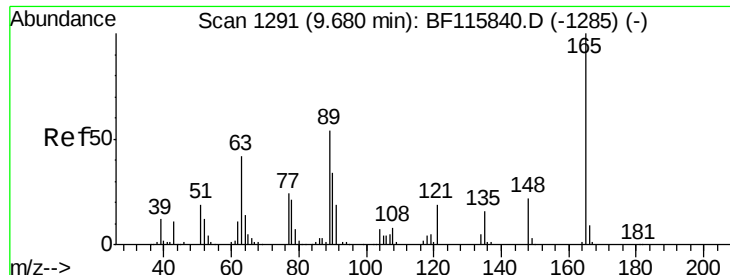


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.637 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

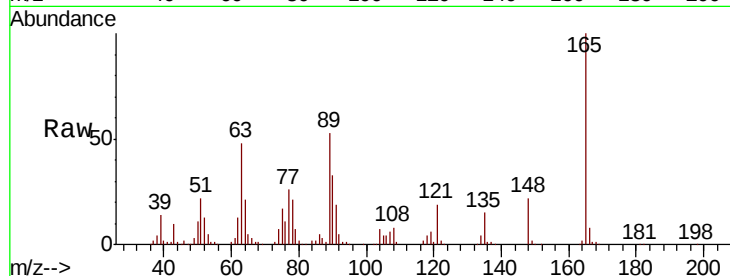
Tot Ion:165 Resp: 178870

Ion Ratio Lower Upper

165 100

63 48.3 38.2 57.2

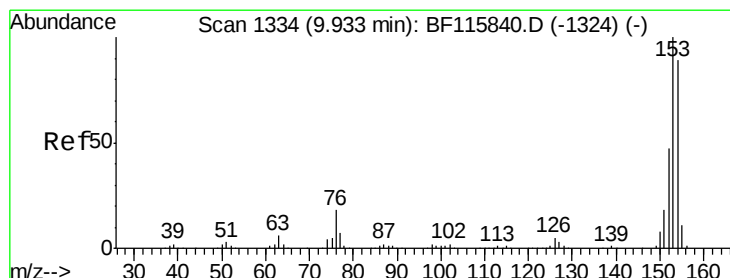
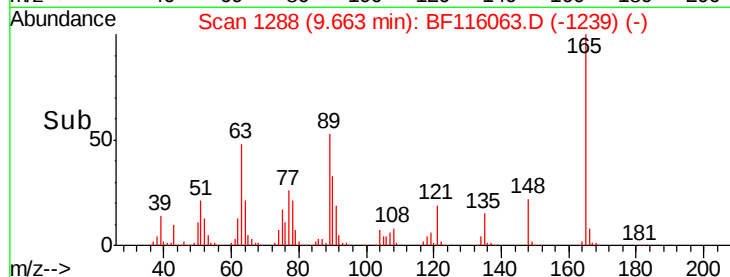
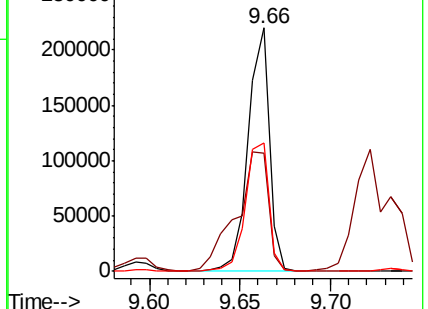
89 52.7 42.9 64.3



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: 38.459 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

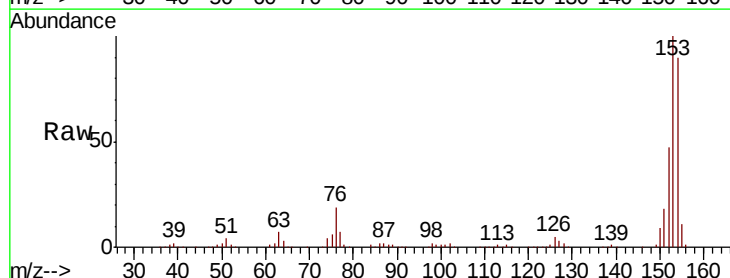
Tgt Ion:154 Resp: 616852

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

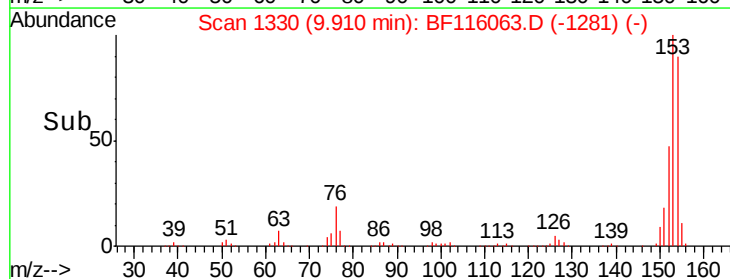
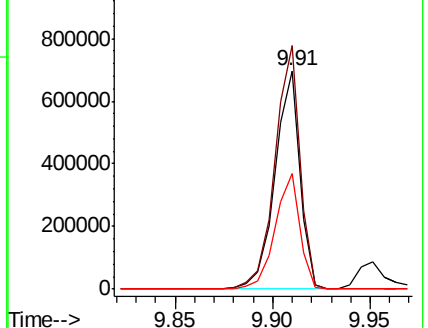
152 52.8 42.3 63.5

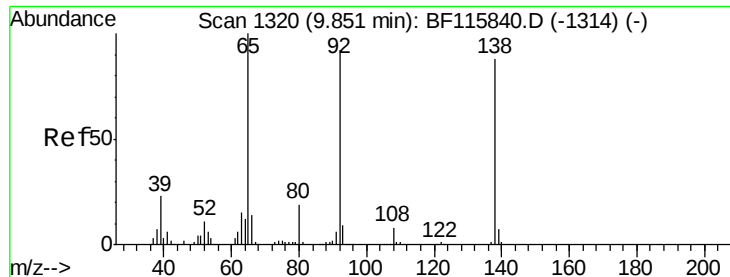


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

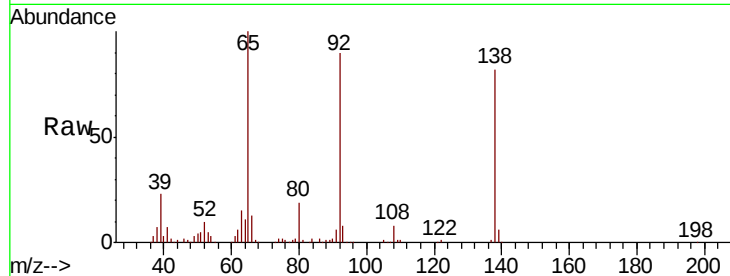




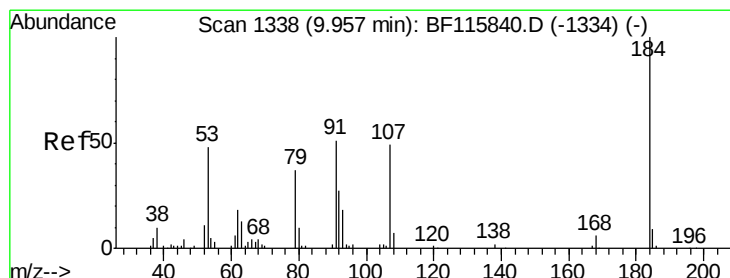
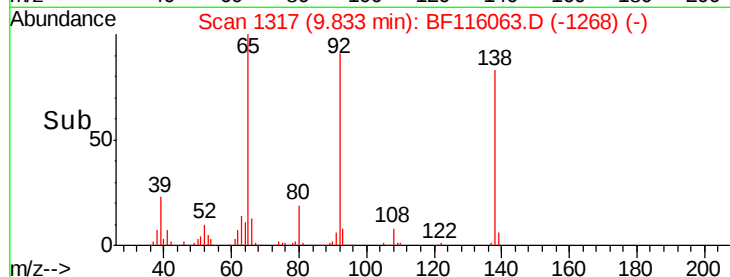
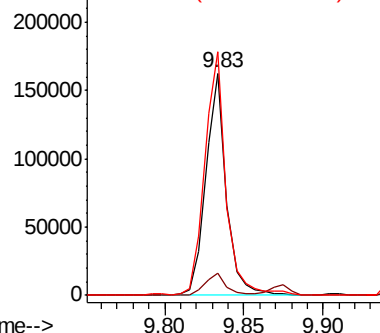
#53
3-Nitroaniline
Concen: 26.214 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 146167
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 109.7 91.0 136.6

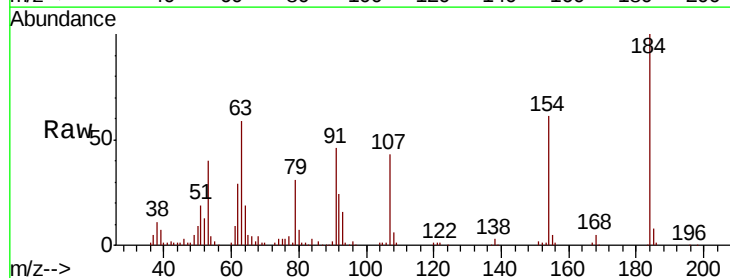


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

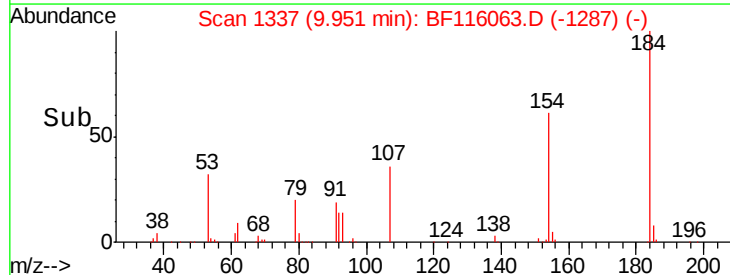
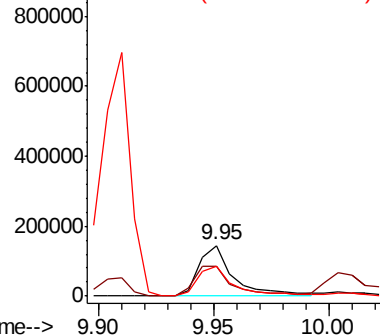


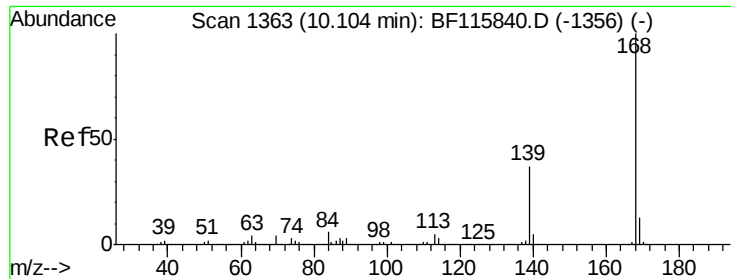
#54
2,4-Dinitrophenol
Concen: 67.523 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:184 Resp: 151881
Ion Ratio Lower Upper
184 100
63 59.4 53.0 79.4
154 60.5 50.1 75.1



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

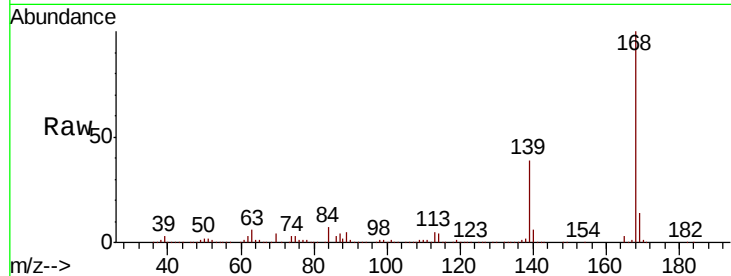




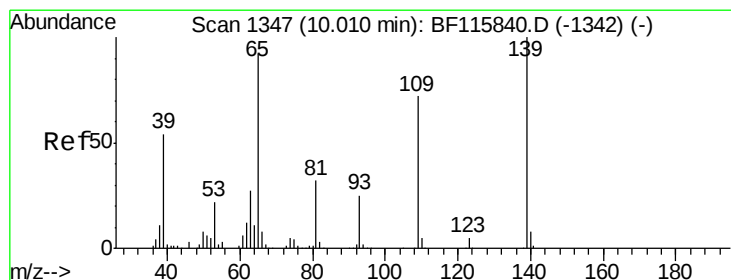
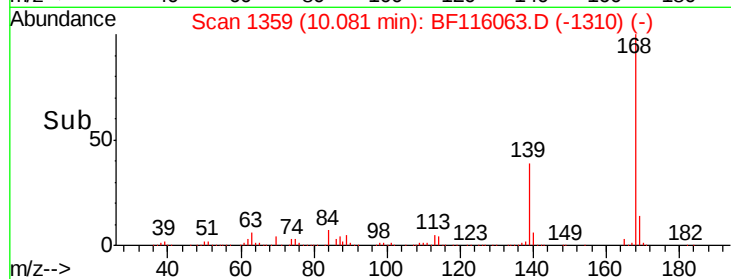
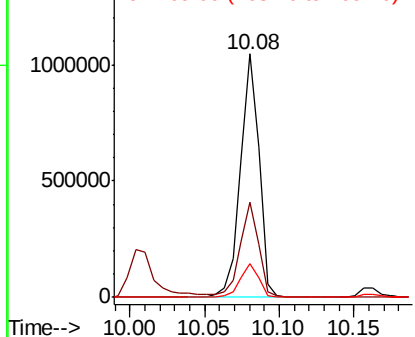
#55
Dibenzofuran
Concen: 38.931 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 908054
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.2
169 13.8 10.9 16.3

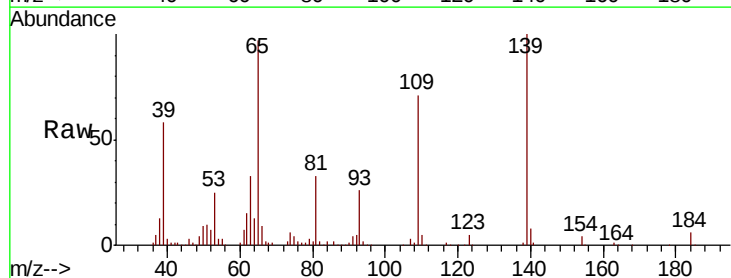


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

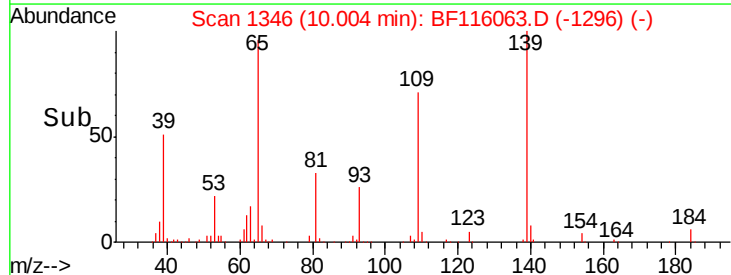
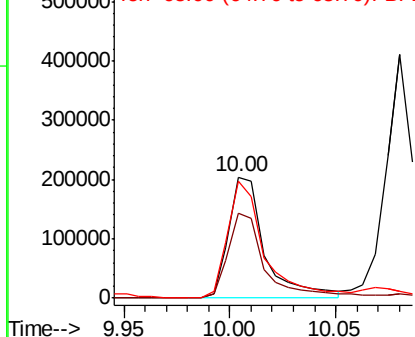


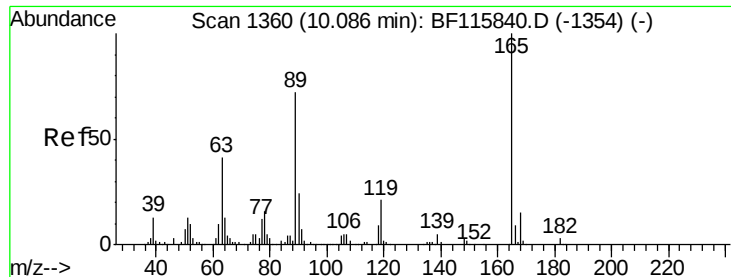
#56
4-Nitrophenol
Concen: 68.249 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:139 Resp: 243784
Ion Ratio Lower Upper
139 100
109 70.6 54.4 94.4
65 97.0 80.6 120.6



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

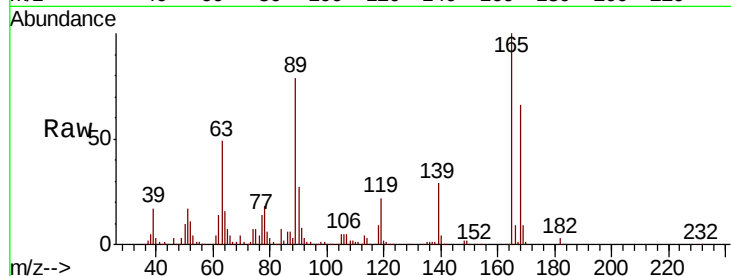




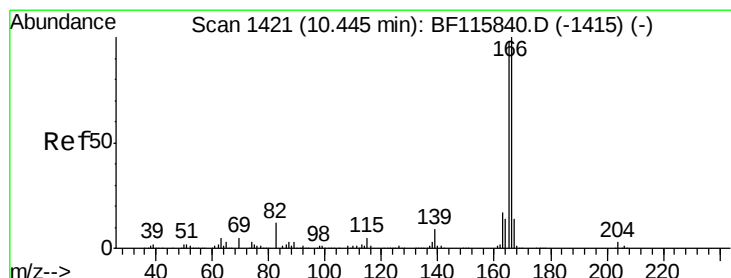
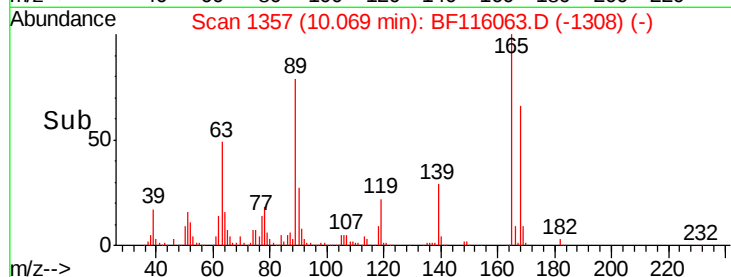
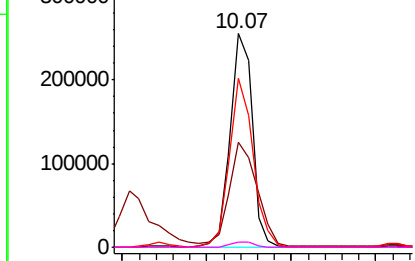
#57
 2,4-Dinitrotoluene
 Concen: 38.642 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	232172
Ion Ratio	Lower	Upper
165	100	
63	49.1	39.6 59.4
89	79.1	62.2 93.2
182	2.6	2.1 3.1

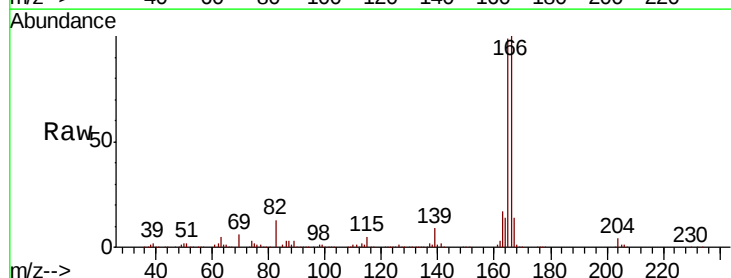


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

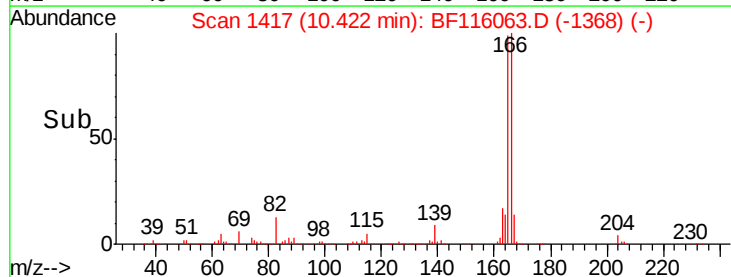
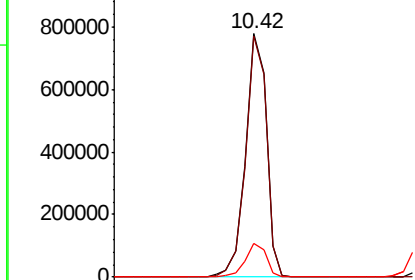


#58
 Fluorene
 Concen: 39.531 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:166	Resp:	709412
Ion Ratio	Lower	Upper
166	100	
165	99.2	78.4 117.6
167	13.9	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

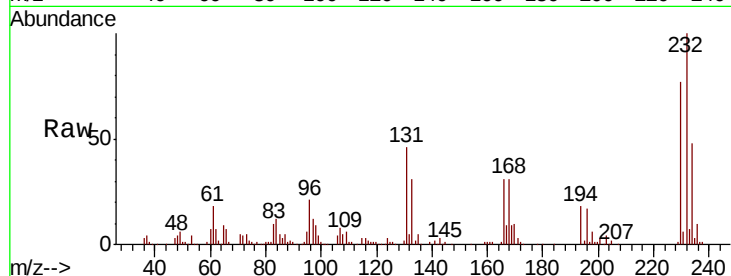




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.856 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.2	54.2
130	2.5	1.9	2.9
166	30.1	23.0	34.4



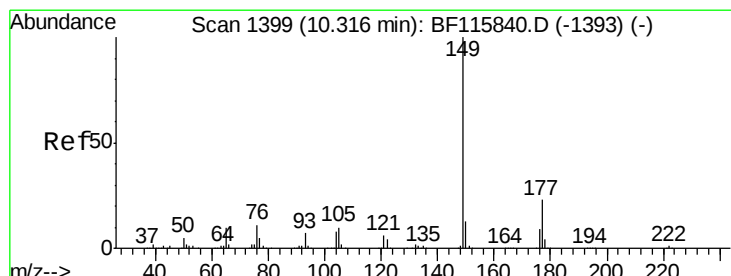
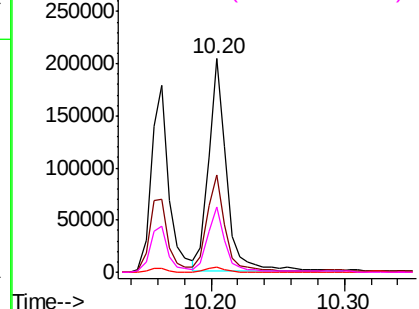
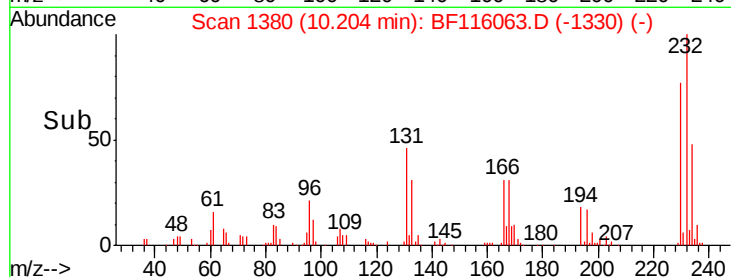
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

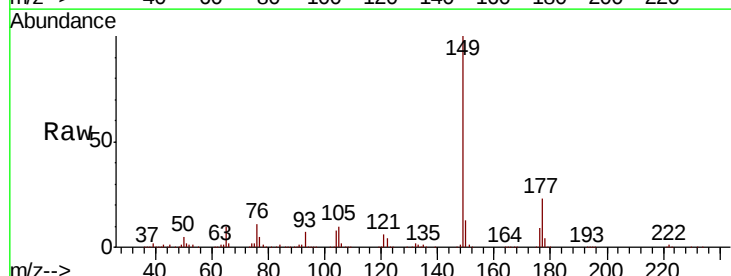
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.251 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.8	28.2
150	12.9	10.2	15.4

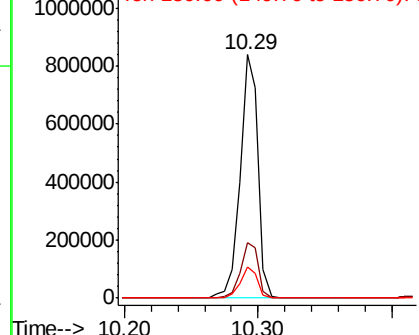
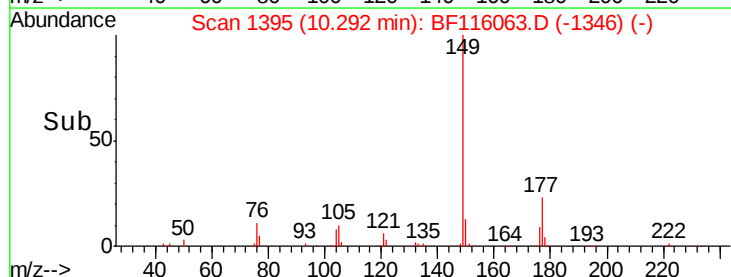


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

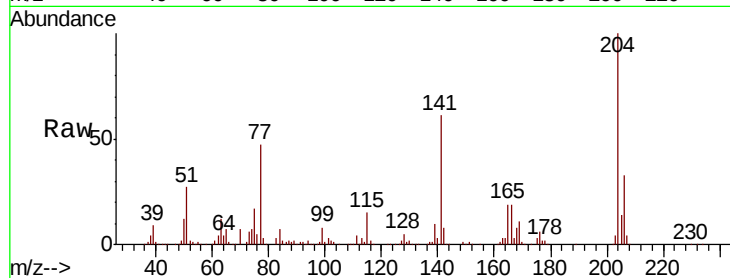




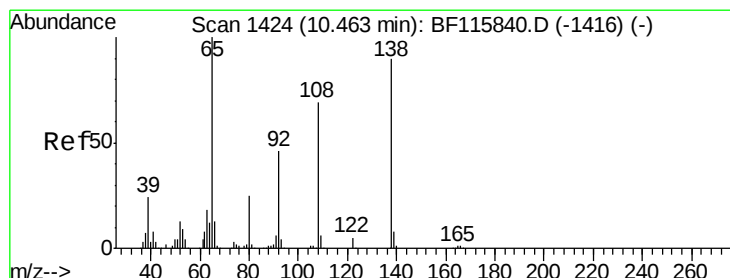
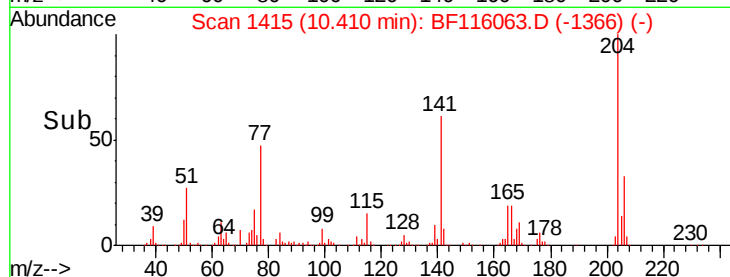
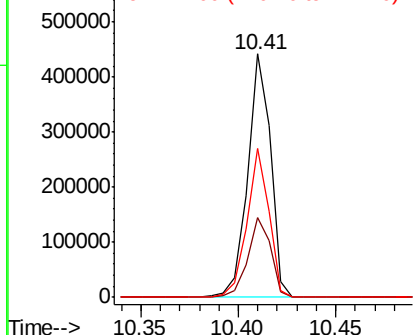
#61
4-Chlorophenyl-phenylether
Concen: 39.450 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 358544
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 61.0 46.4 69.6

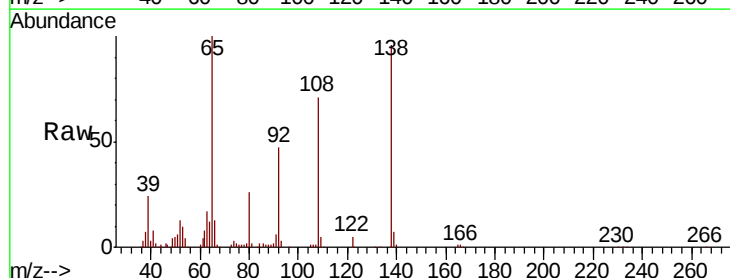


Abundance Ion 204.00 (203.70 to 204.70): E
600000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

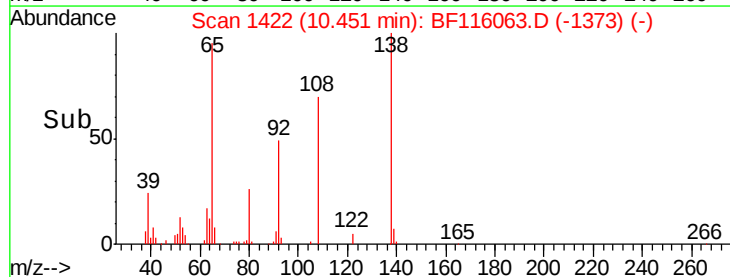
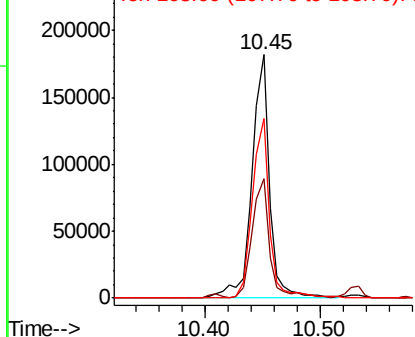


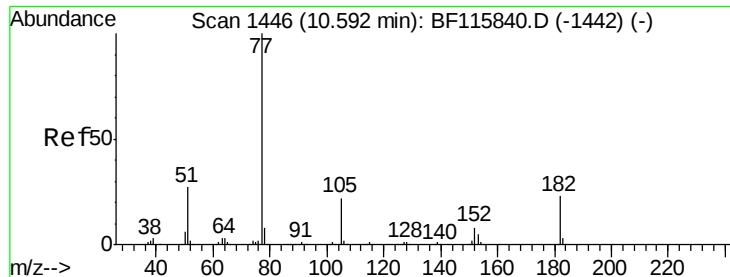
#62
4-Nitroaniline
Concen: 33.727 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:138 Resp: 194352
Ion Ratio Lower Upper
138 100
92 49.0 29.0 69.0
108 73.8 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
250000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.646 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 790573

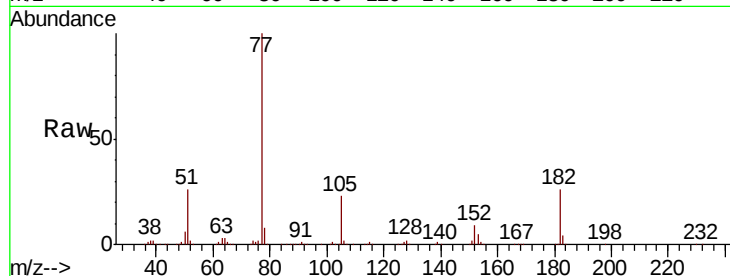
Ion Ratio Lower Upper

77 100

182 26.5 4.0 44.0

105 22.9 2.0 42.0

51 26.0 7.5 47.5

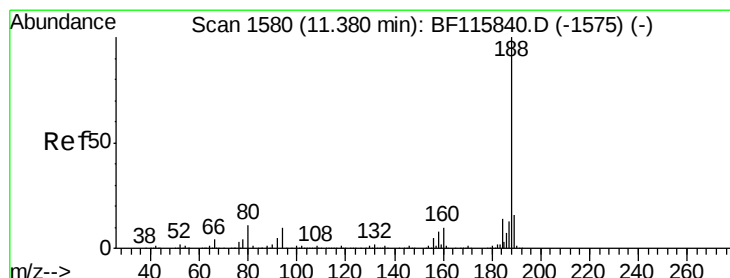
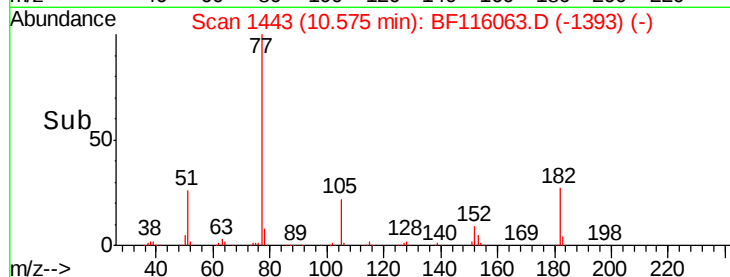
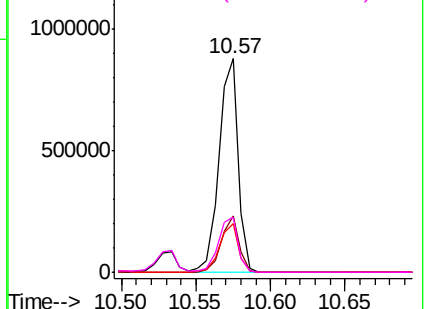


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

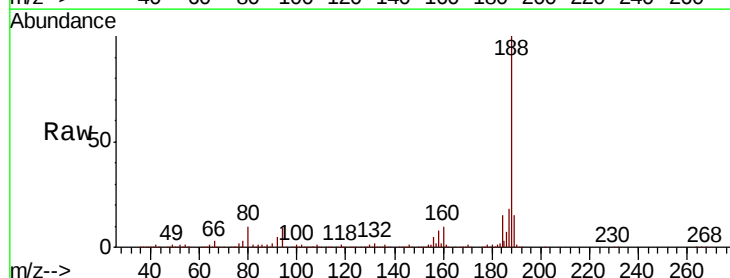
Tgt Ion: 188 Resp: 533657

Ion Ratio Lower Upper

188 100

94 8.8 8.1 12.1

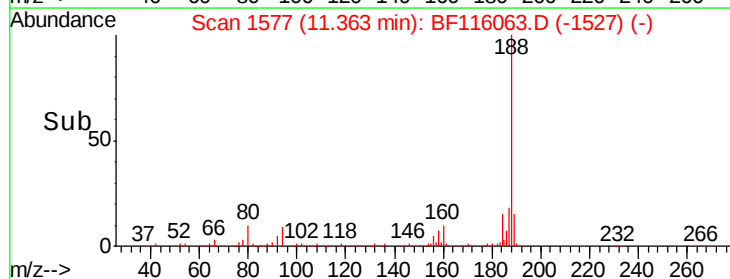
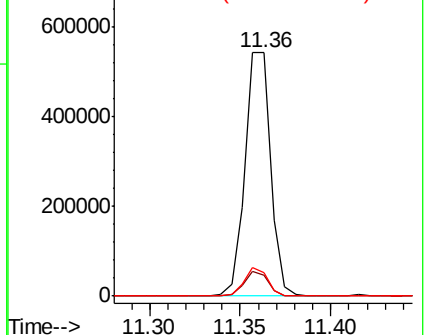
80 9.7 8.7 13.1

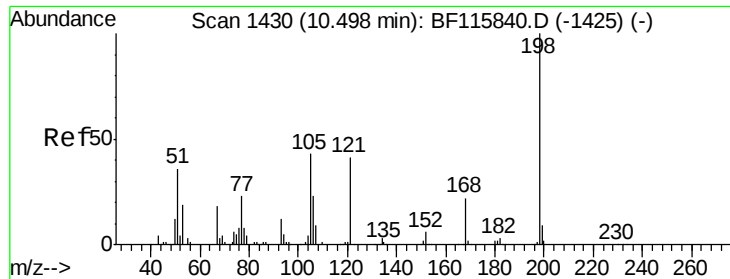


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 40.694 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampled :

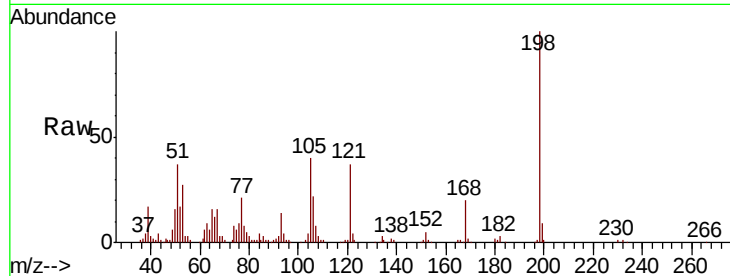
Tot Ion:198 Resp: 115083

Ion Ratio Lower Upper

198 100

51 36.8 17.0 57.0

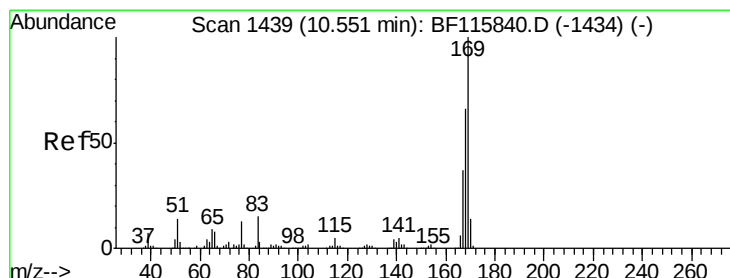
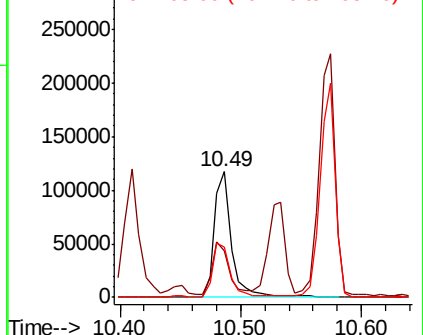
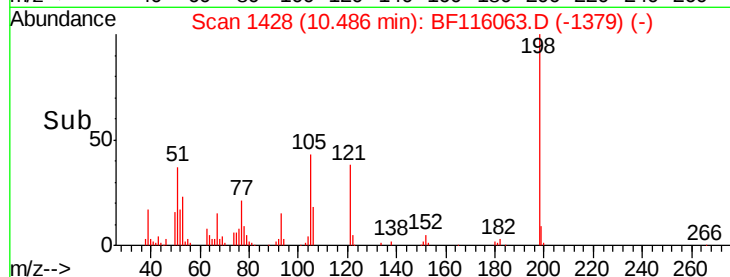
105 40.4 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.949 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

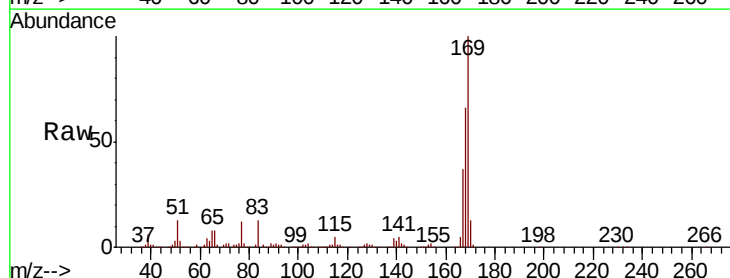
Tgt Ion:169 Resp: 641689

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

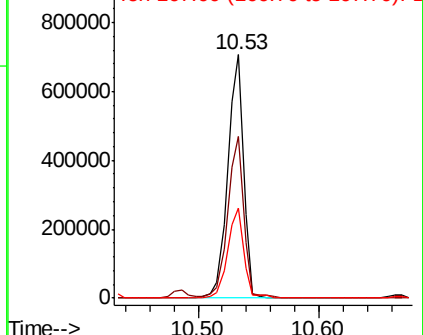
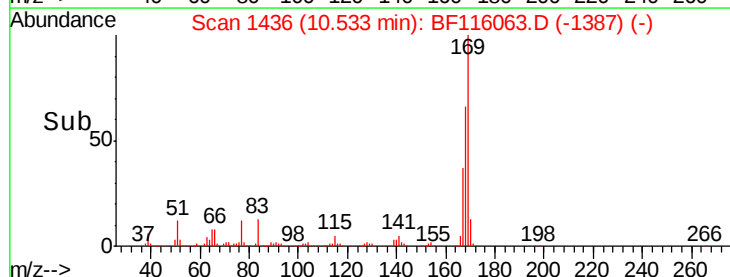
167 37.0 29.6 44.4

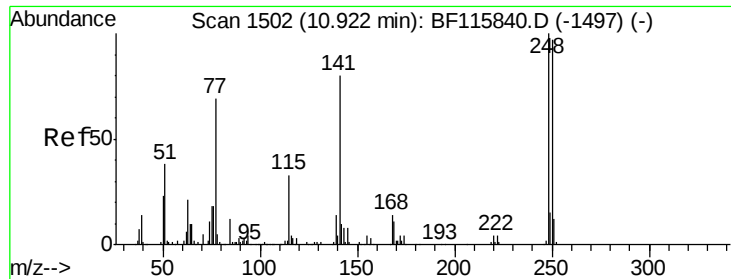


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

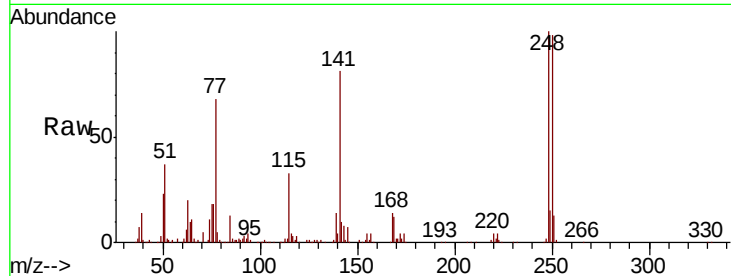




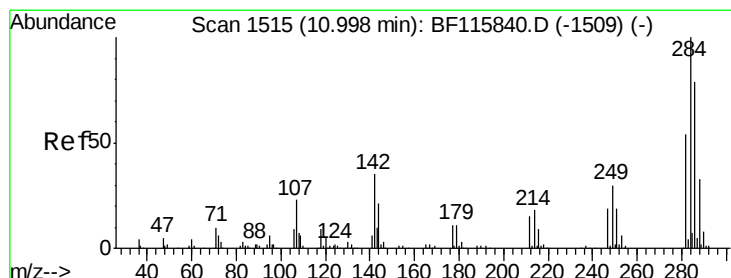
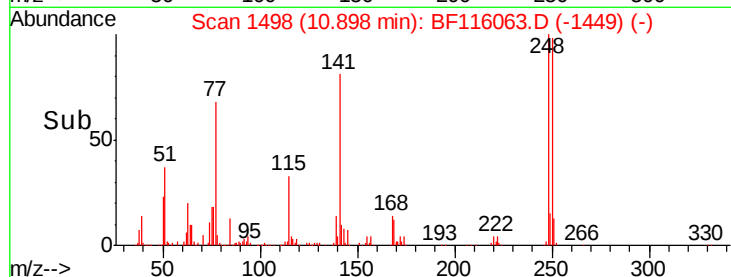
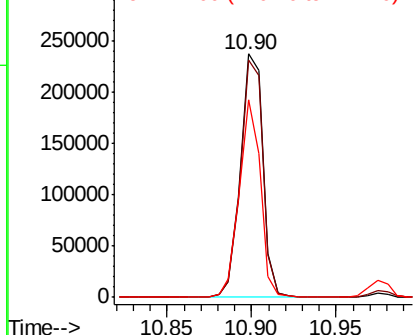
#67
 4-Bromophenyl-phenylether
 Concen: 38.673 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot	Ion:248	Resp:	220932
Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.4	116.2
141	81.0	56.8	85.2

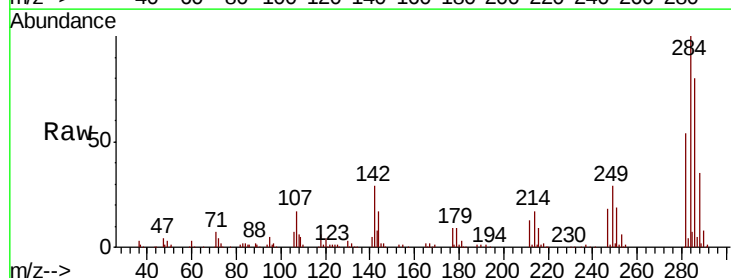


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

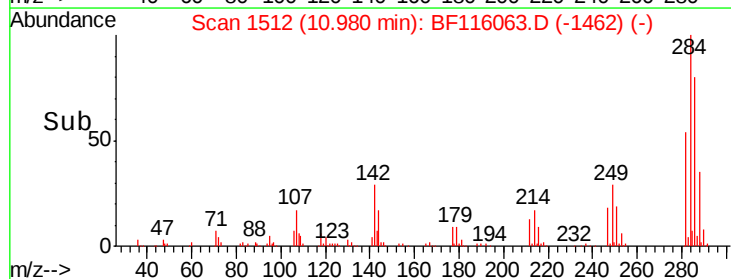
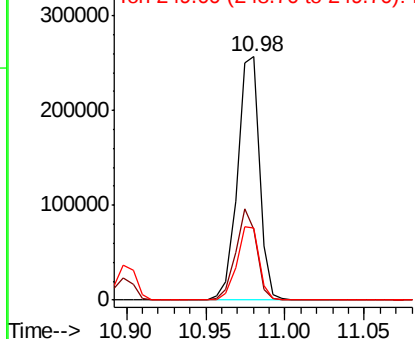


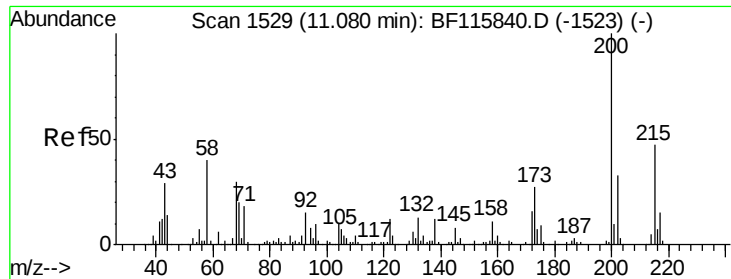
#68
 Hexachlorobenzene
 Concen: 37.698 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:284	Resp: 249030
Ion Ratio	Lower Upper
284 100	
142 28.8	28.4 42.6
249 29.5	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

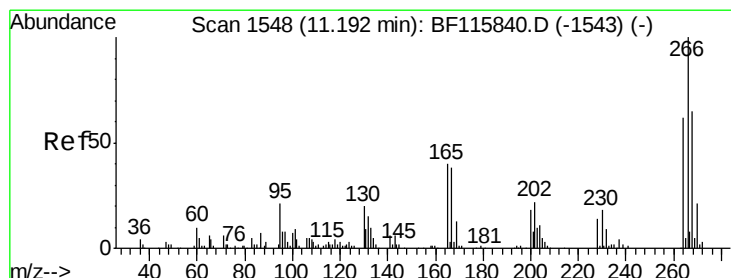
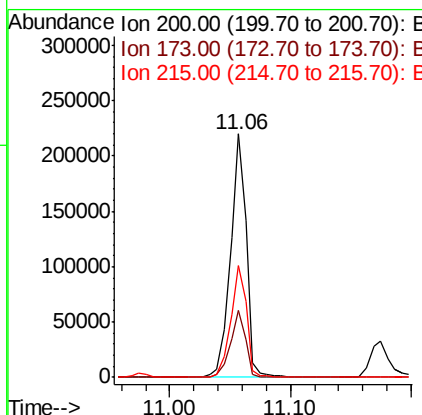
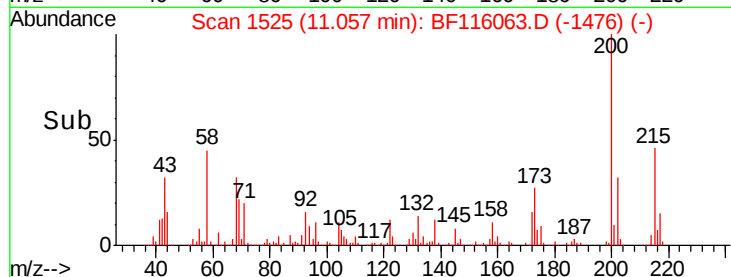
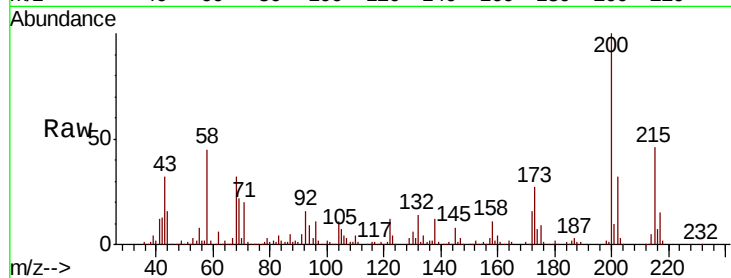




#69
Atrazine
Concen: 37.848 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

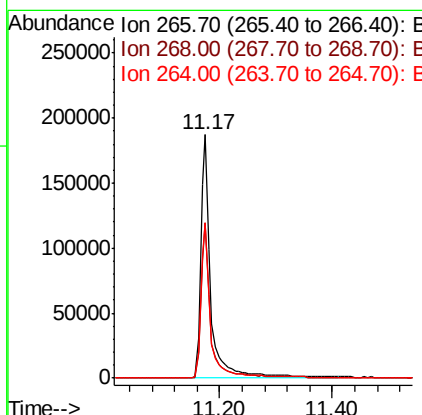
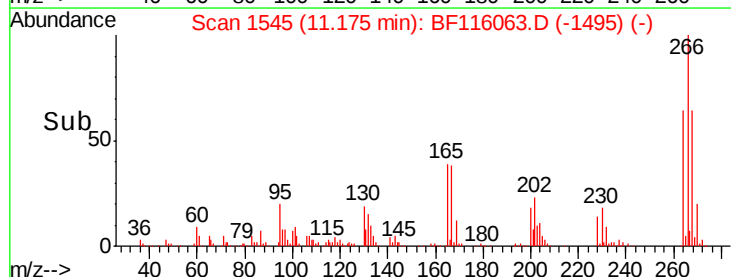
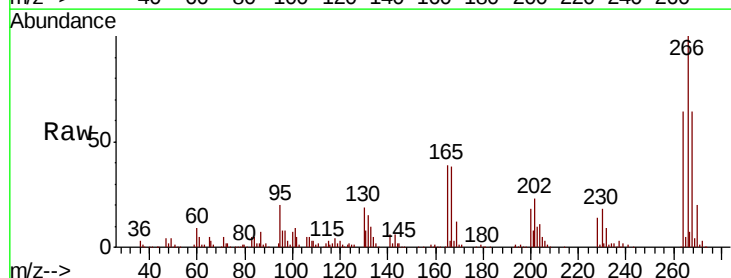
Instrument :
BNA_F
ClientSampled :

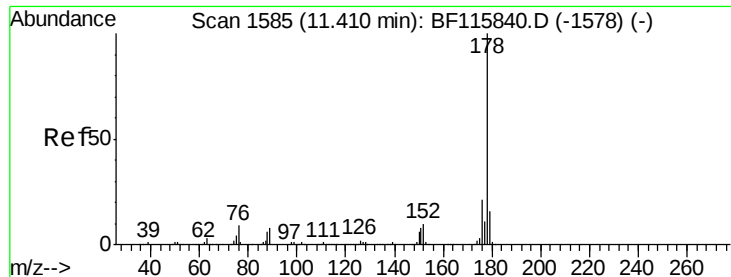
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.8	46.8
215	45.8	27.5	67.5



#70
Pentachlorophenol
Concen: 72.465 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	48.8	73.2
264	63.6	50.6	76.0

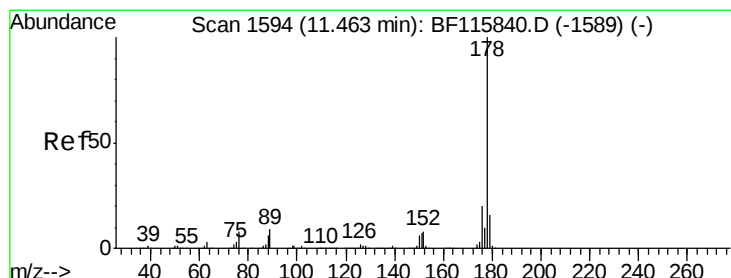
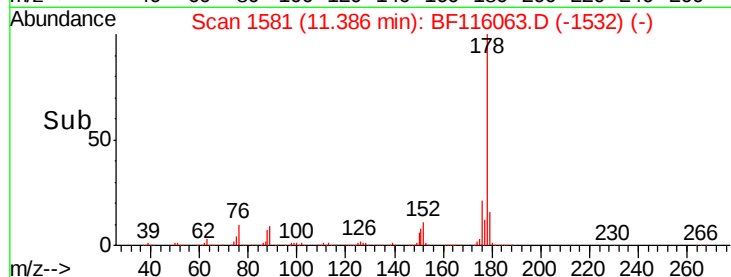
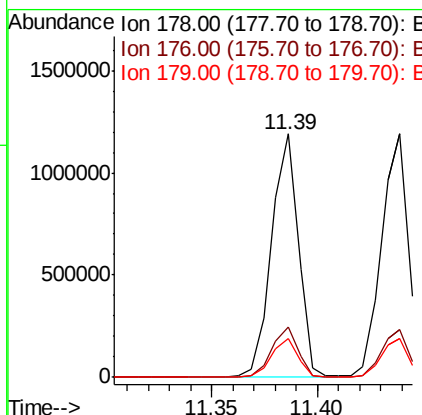
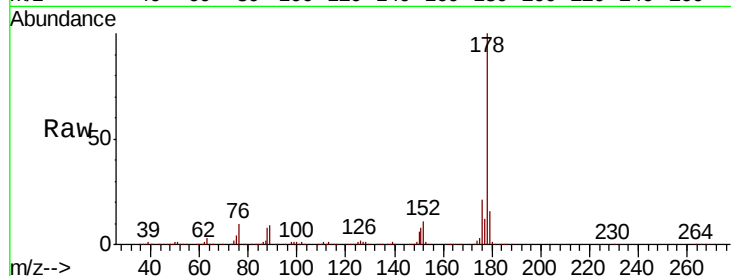




#71
Phenanthrene
Concen: 38.715 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

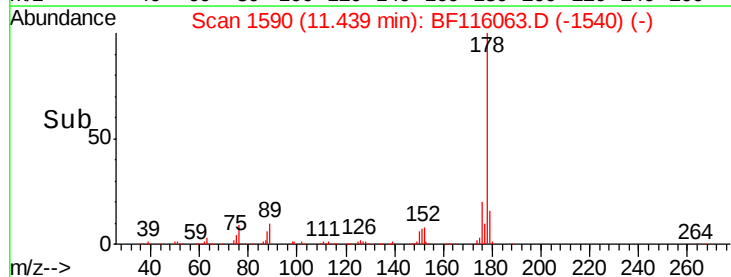
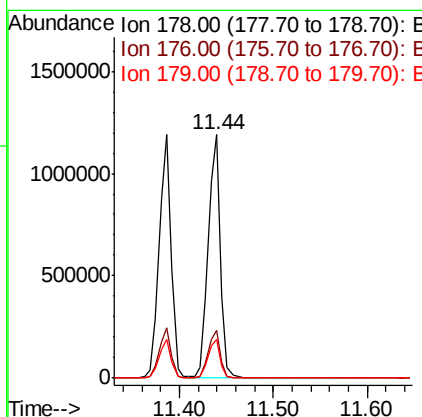
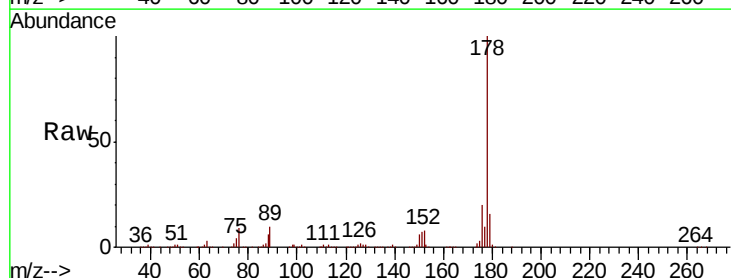
Instrument :
BNA_F
ClientSampleId :

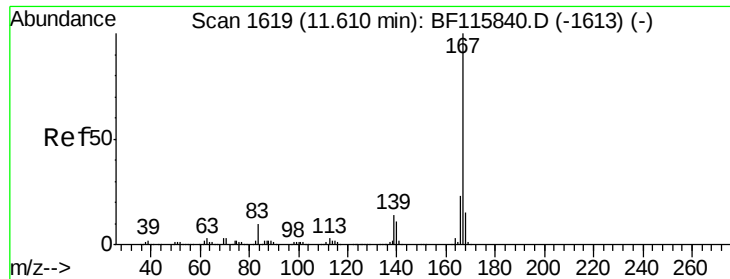
Tot Ion:178 Resp: 1056223
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 16.0 12.5 18.7



#72
Anthracene
Concen: 39.546 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:178 Resp: 1091880
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 13.0 19.6

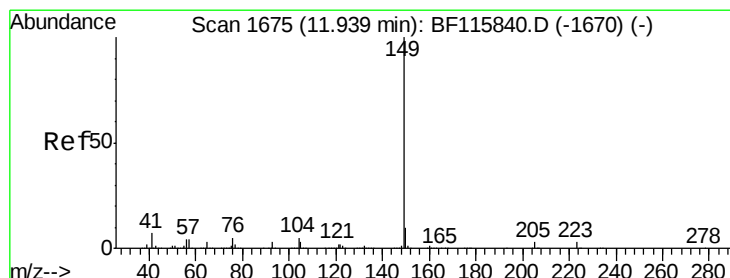
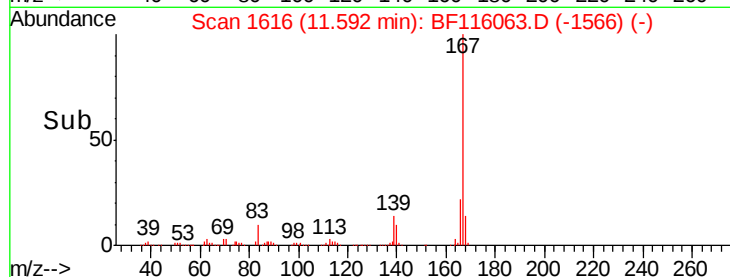
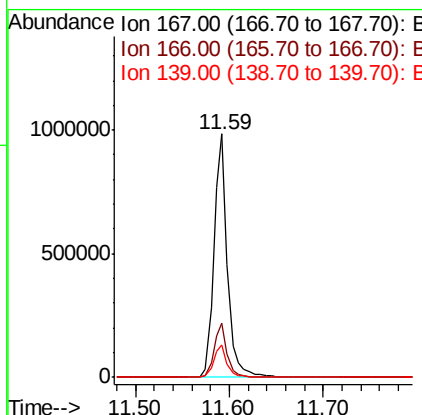
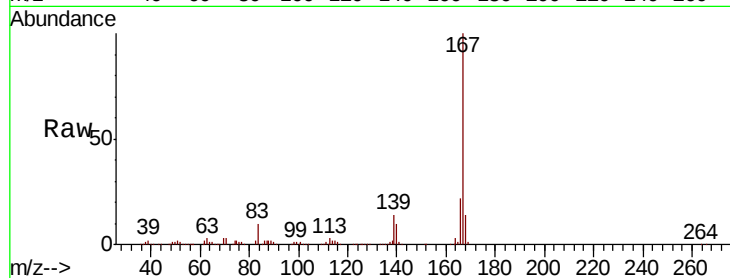




#73
 Carbazole
 Concen: 39.685 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

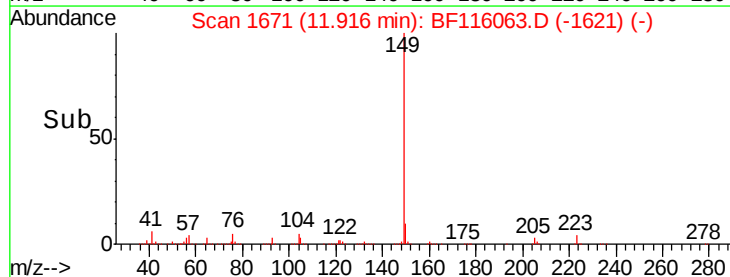
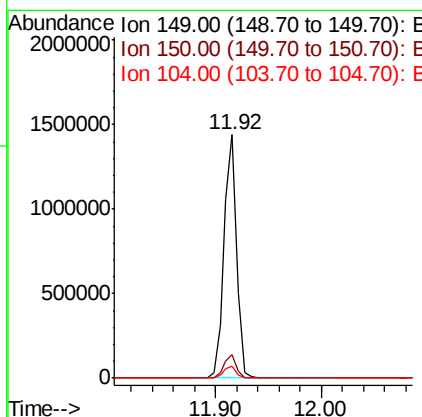
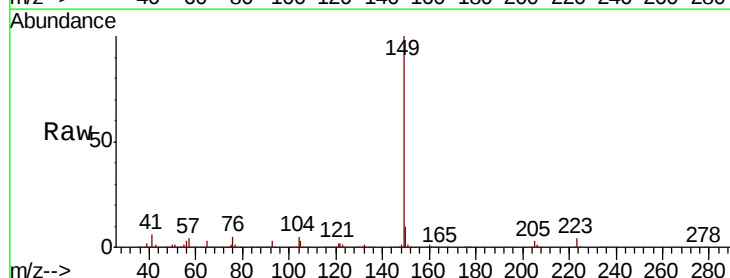
Instrument :
 BNA_F
 ClientSampleId :

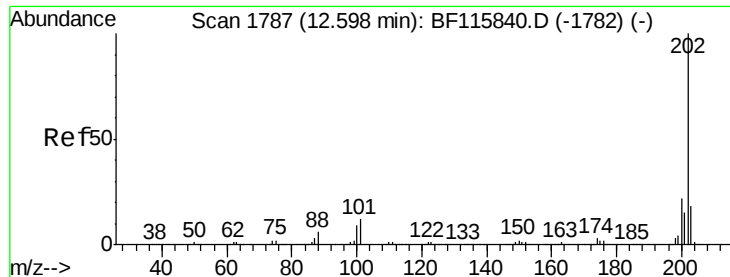
Tot Ion:167 Resp: 994072
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.6 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.356 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:149 Resp: 1208483
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 39.415 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

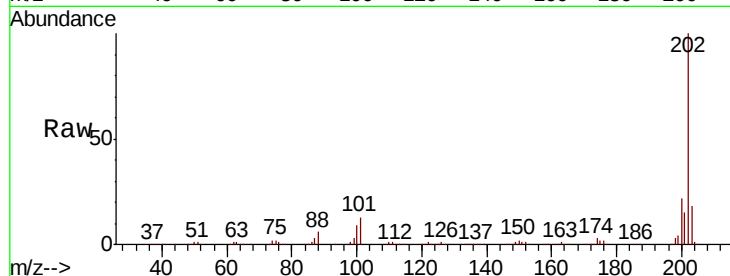
Tot Ion:202 Resp: 1125730

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.2

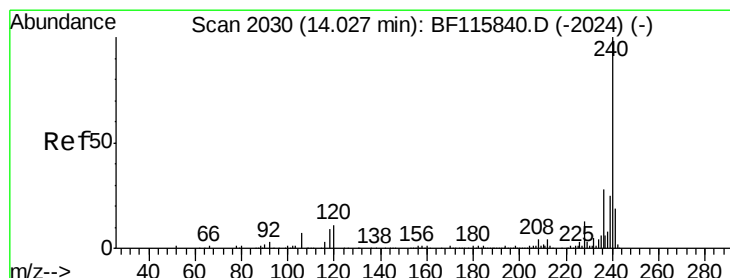
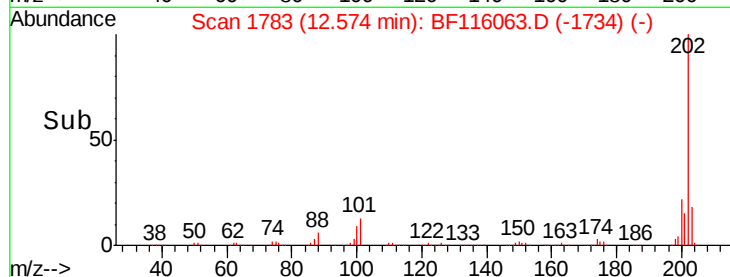
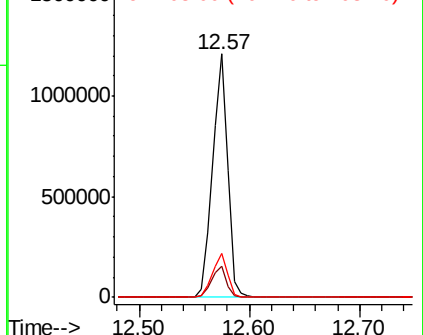
203 18.2 0.0 37.8



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

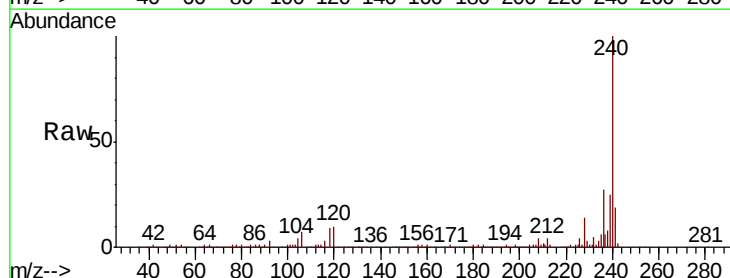
Tgt Ion:240 Resp: 384893

Ion Ratio Lower Upper

240 100

120 10.3 10.7 16.1#

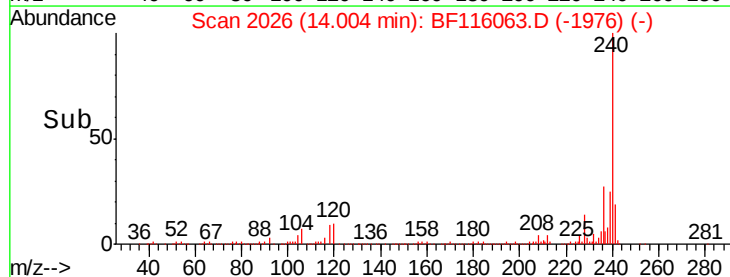
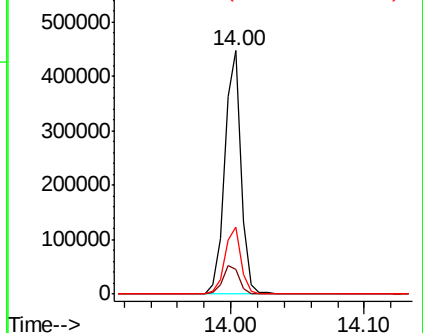
236 27.5 22.2 33.2

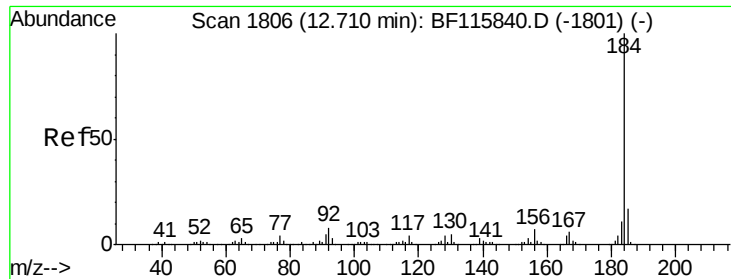


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.489 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

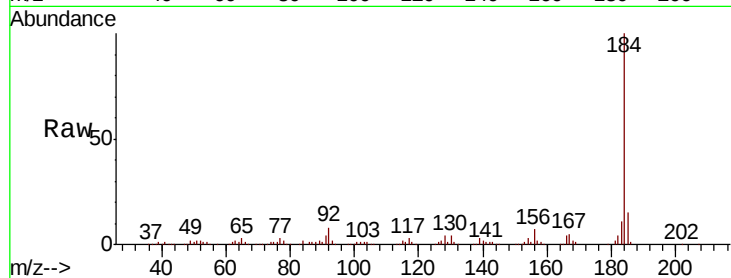
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 318442

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.8	19.2
183	11.4	9.4	14.0

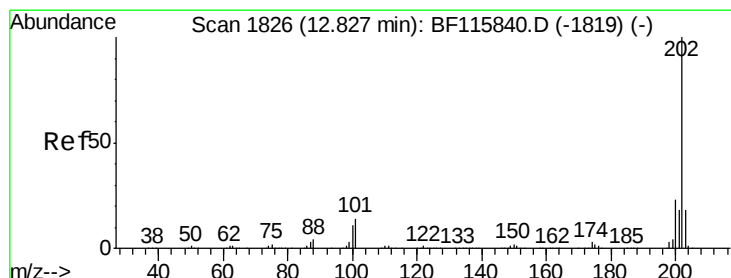
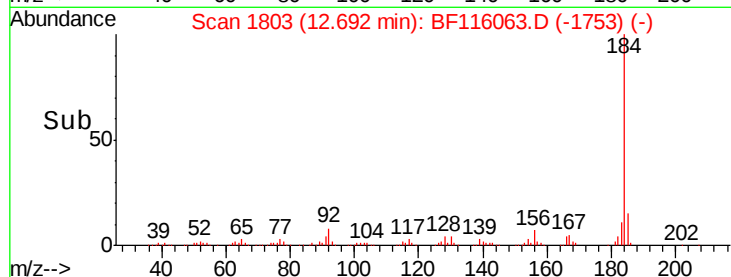
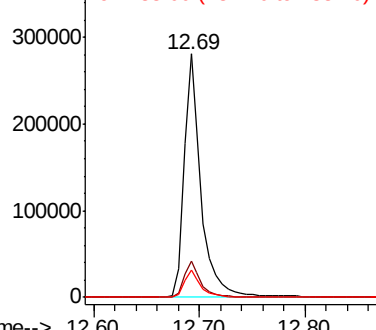


Abundance

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: 39.165 ng

RT: 12.80 min Scan# 1822

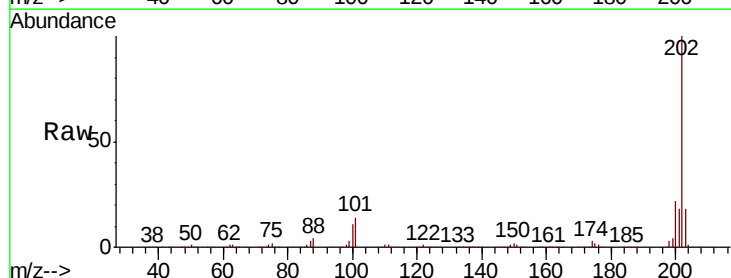
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:202 Resp: 1136326

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.0	27.0
203	18.0	14.1	21.1

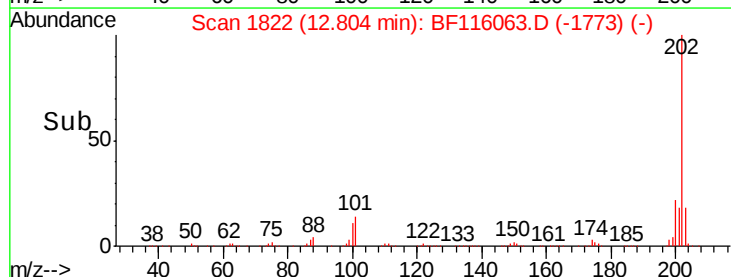
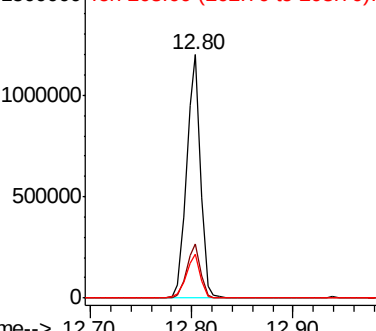


Abundance

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

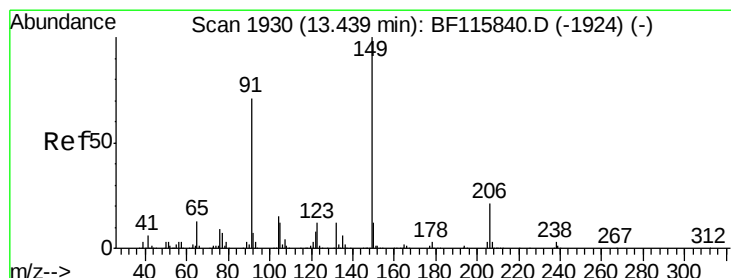
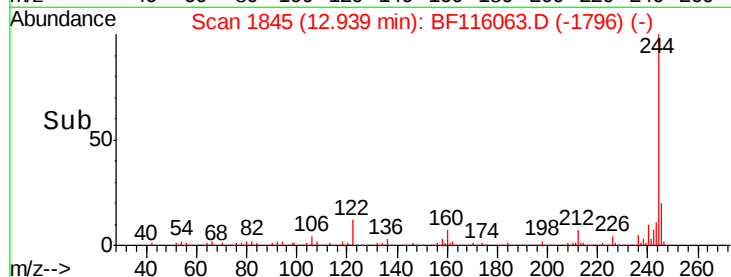
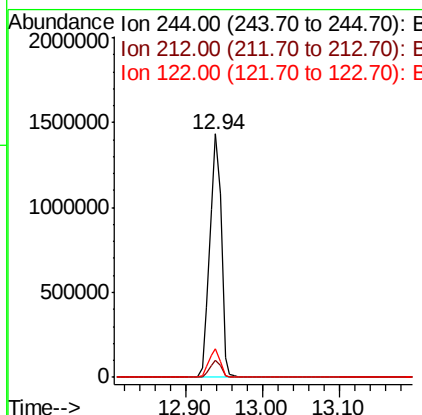
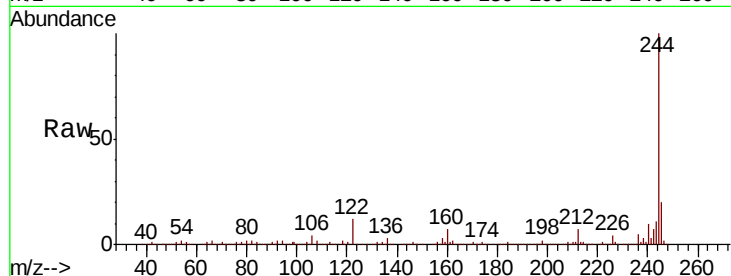




#79
 Terphenyl-d14
 Concen: 79.977 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

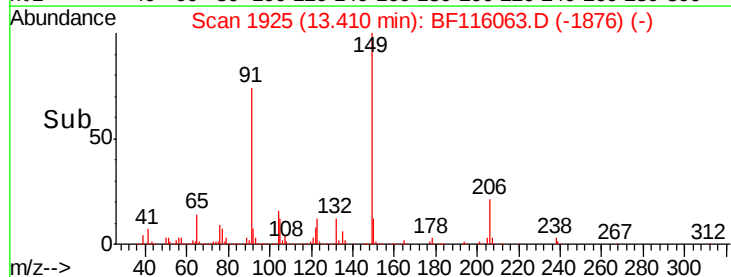
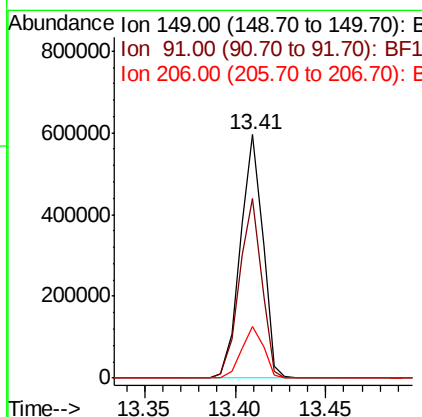
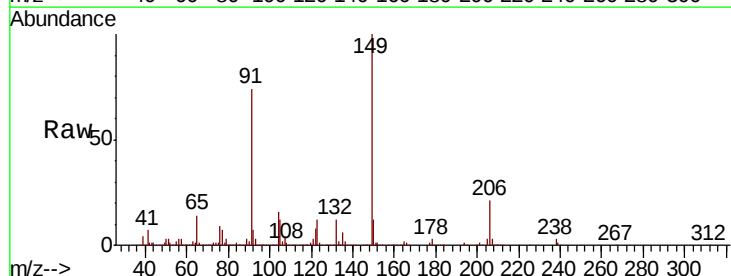
Instrument :
 BNA_F
 ClientSampleId :

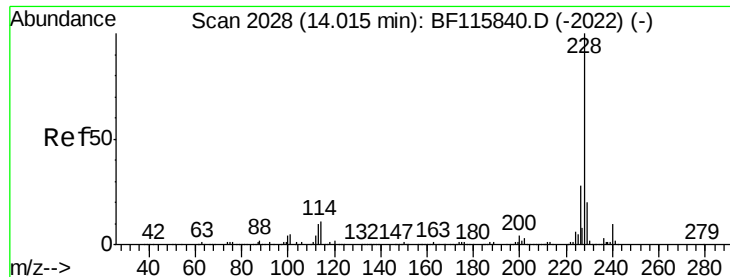
Tot Ion:244 Resp: 1460851
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 41.867 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:149 Resp: 513832
 Ion Ratio Lower Upper
 149 100
 91 73.6 56.3 84.5
 206 21.1 18.0 27.0





#81

Benzo(a)anthracene

Concen: 38.895 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

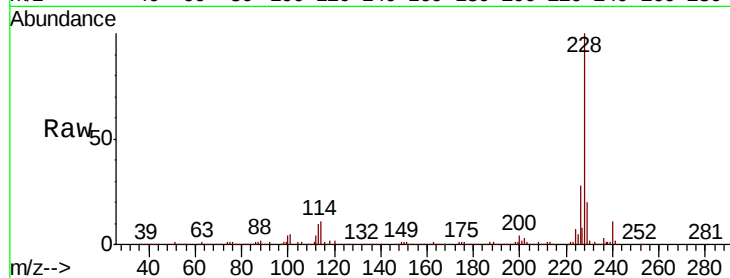
Tot Ion:228 Resp: 956848

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

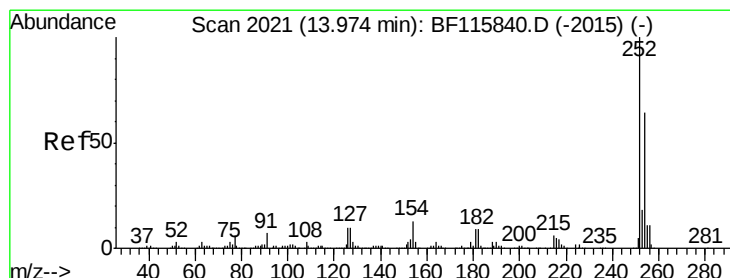
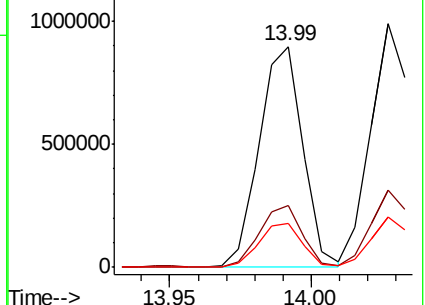
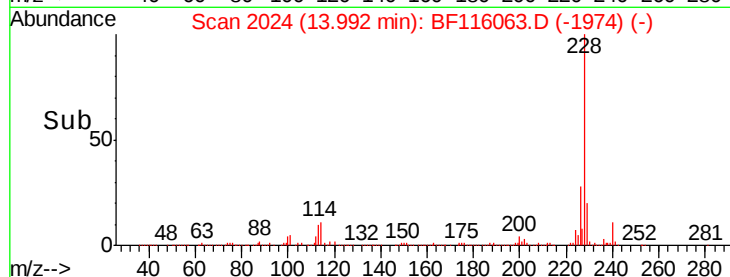
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.318 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

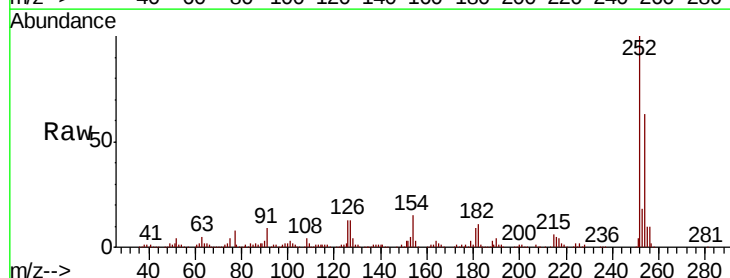
Tgt Ion:252 Resp: 301854

Ion Ratio Lower Upper

252 100

254 62.8 50.9 76.3

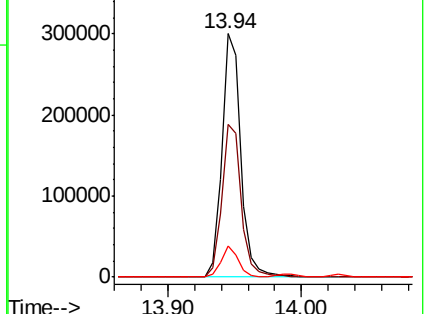
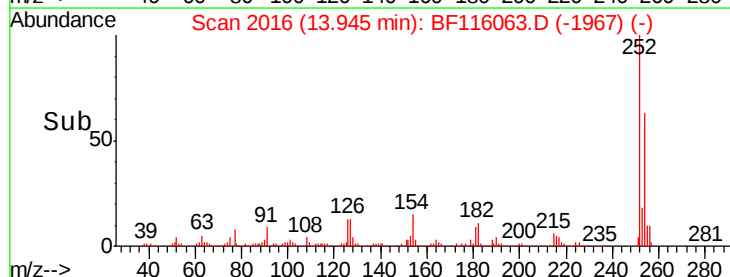
126 13.0 9.8 14.8

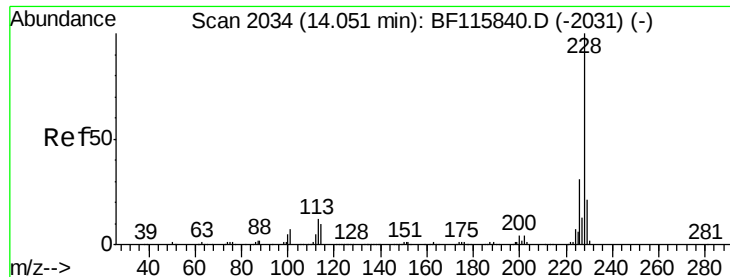


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

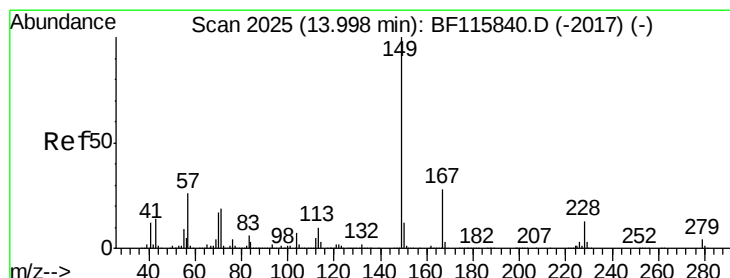
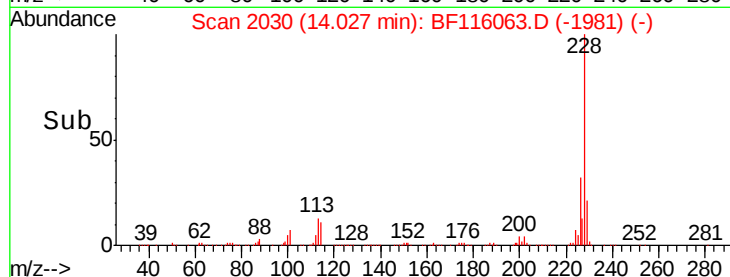
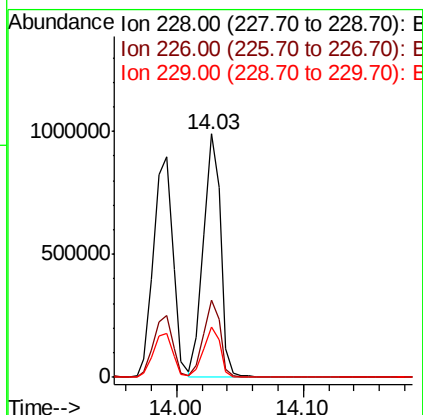
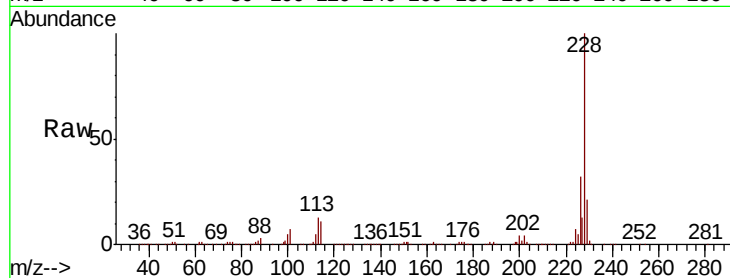




#83
 Chrysene
 Concen: 39.278 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

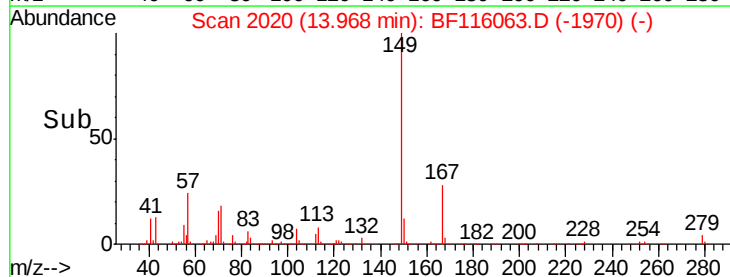
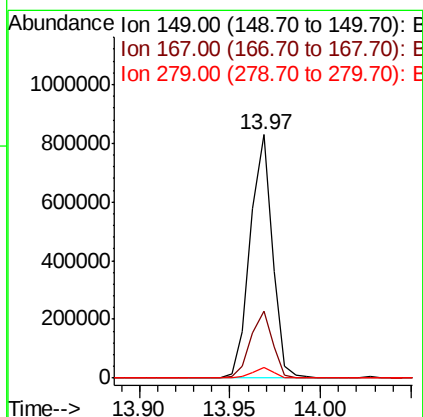
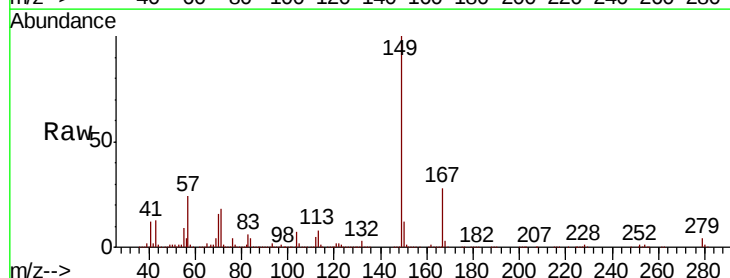
Instrument :
 BNA_F
 ClientSampled :

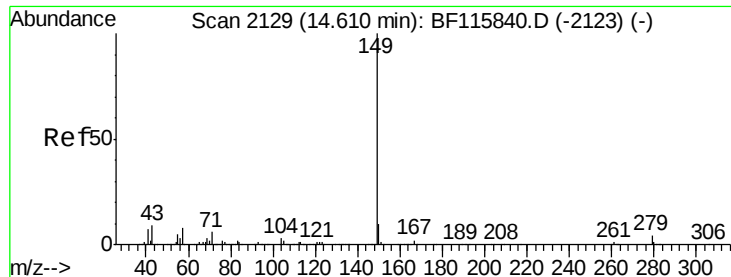
Tot Ion:228 Resp: 938112
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.5 38.3
 229 20.6 16.6 24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.419 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116063.D
 Acq: 8 Aug 2019 12:36

Tgt Ion:149 Resp: 708420
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.3 3.0 4.4

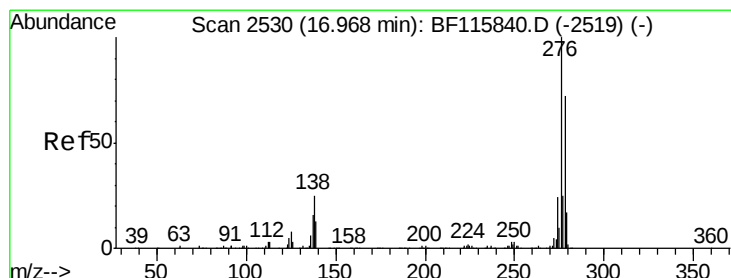
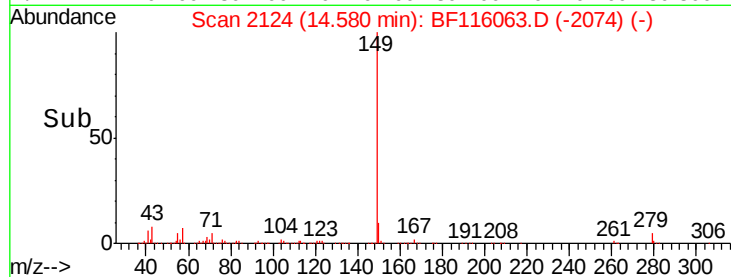
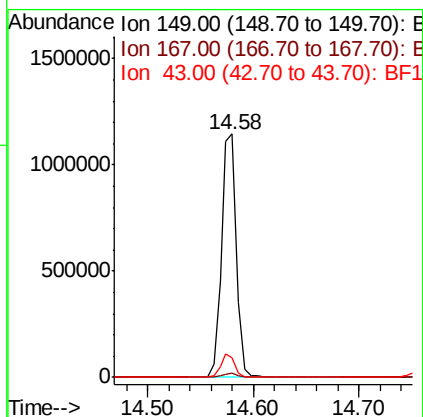
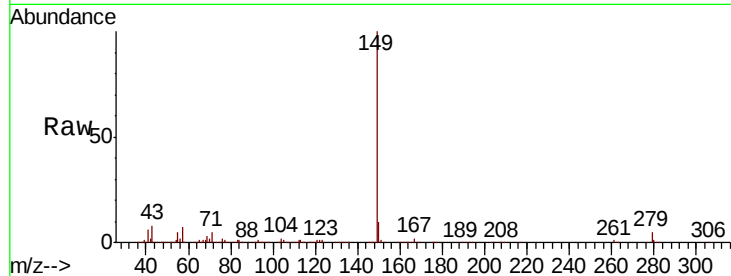




#85
Di-n-octyl phthalate
Concen: 44.633 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

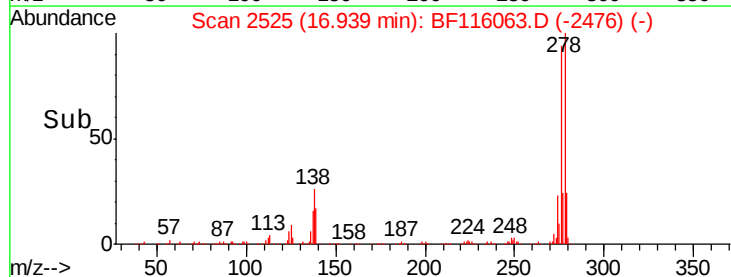
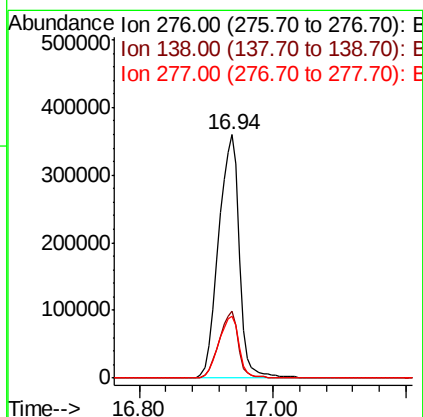
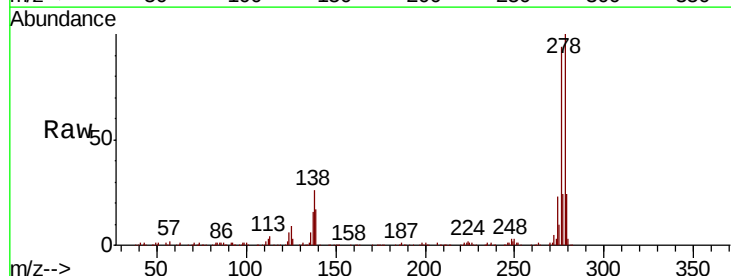
Instrument :
BNA_F
ClientSampleId :

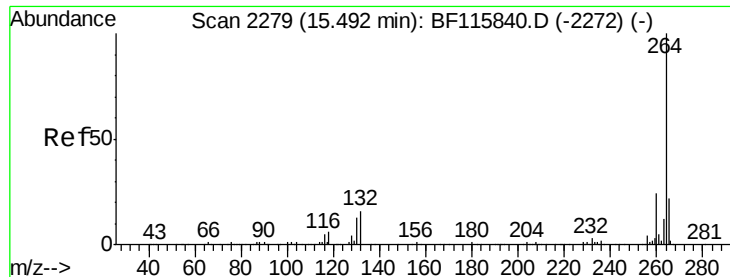
Tot Ion:149 Resp: 1130651
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.0 7.5 11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.629 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:276 Resp: 794942
Ion Ratio Lower Upper
276 100
138 25.5 20.4 30.6
277 25.2 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Instrument :

BNA_F

ClientSampleId :

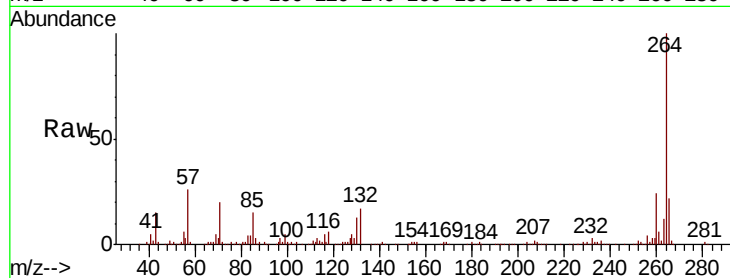
Tot Ion:264 Resp: 314396

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

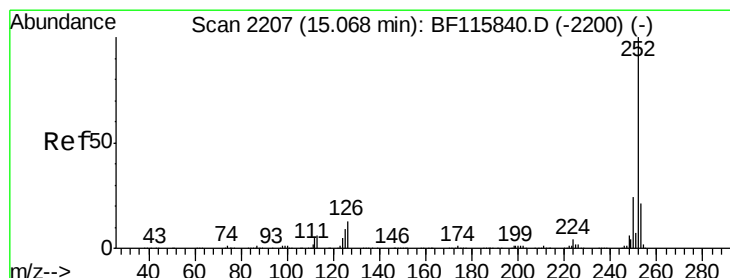
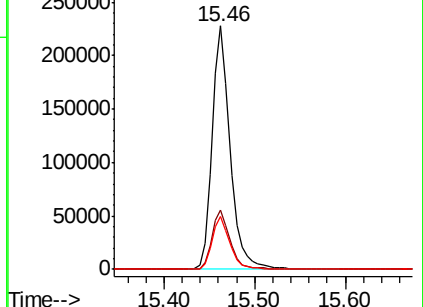
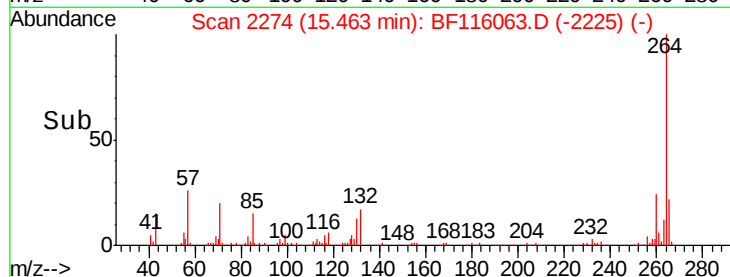
265 21.7 17.4 26.0



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: 46.067 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

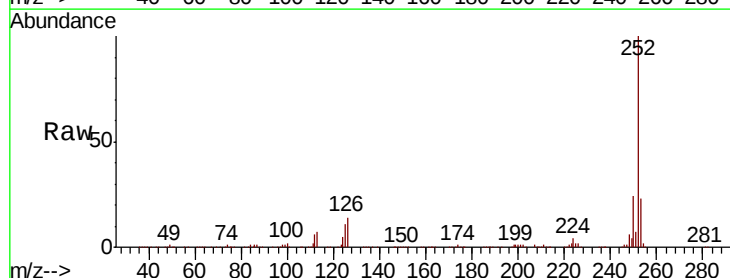
Tgt Ion:252 Resp: 837441

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

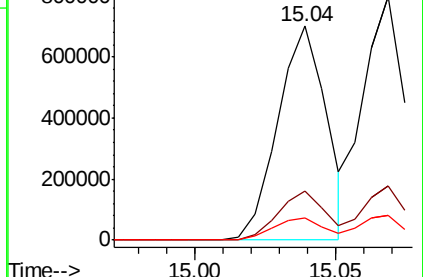
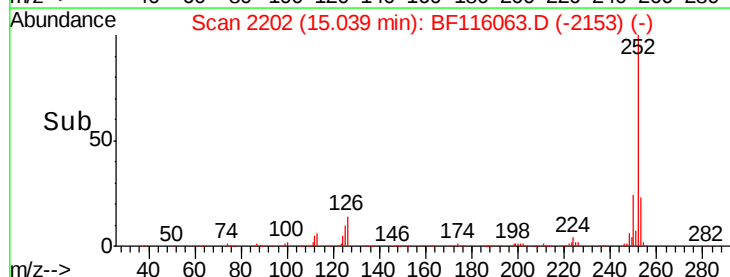
125 10.6 8.4 12.6



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

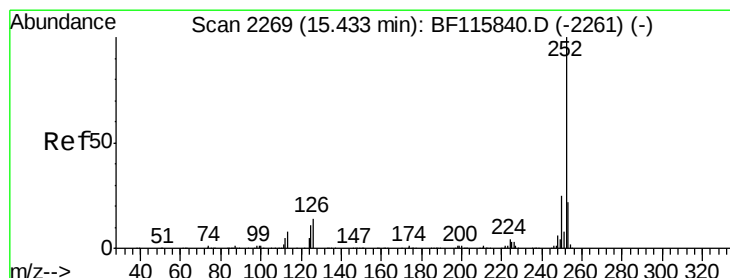
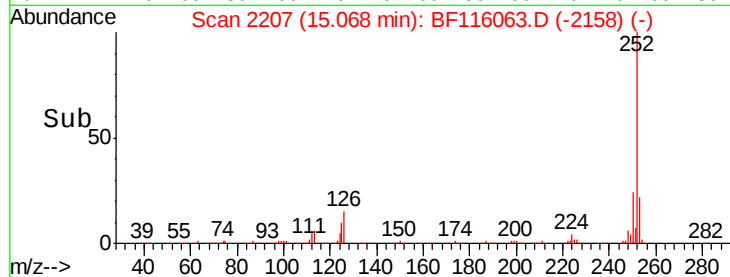
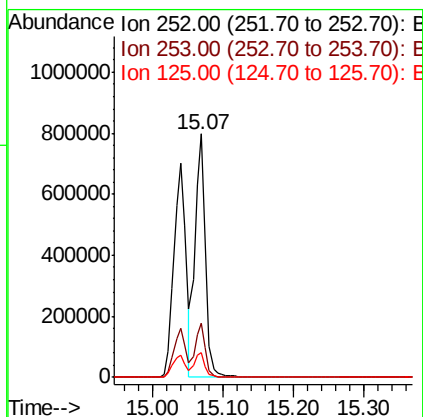
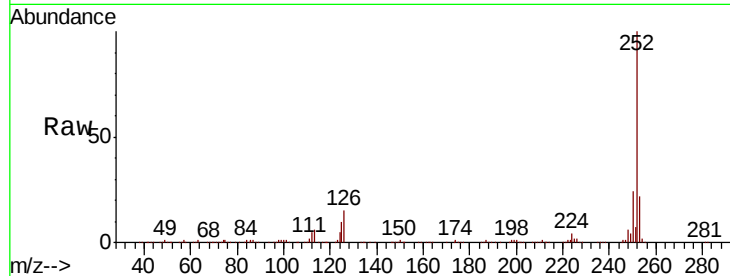




#89
Benzo(k)fluoranthene
Concen: 47.459 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

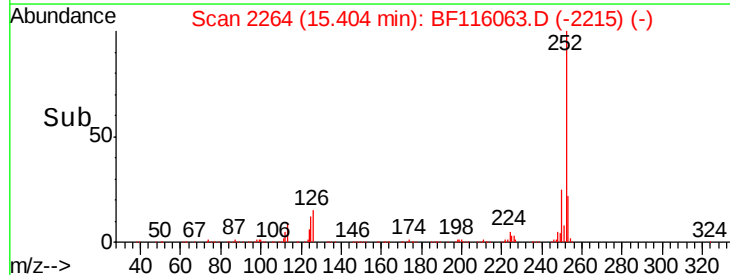
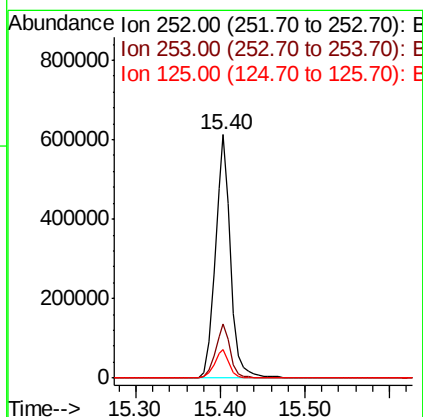
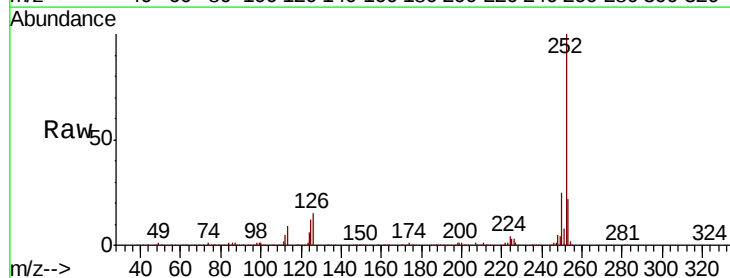
Instrument :
BNA_F
ClientSampleId :

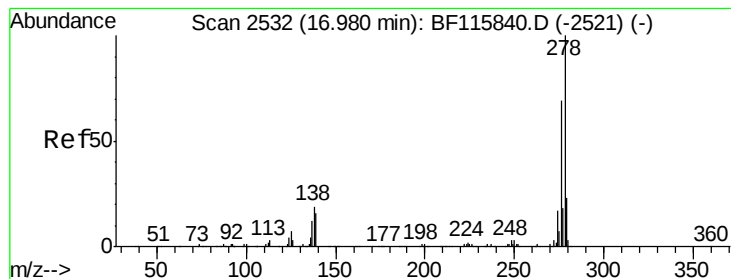
Tot Ion:252 Resp: 840332
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 47.868 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116063.D
Acq: 8 Aug 2019 12:36

Tgt Ion:252 Resp: 777874
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.8 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 47.769 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

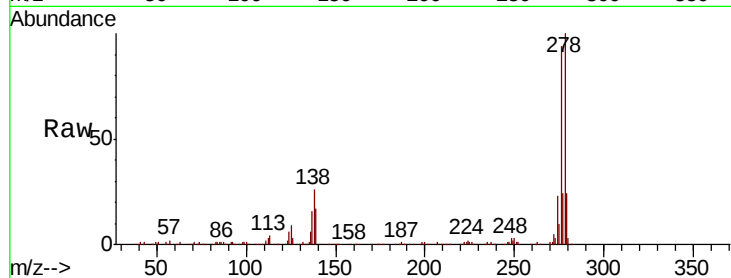
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 671947

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	24.0	18.8	28.2

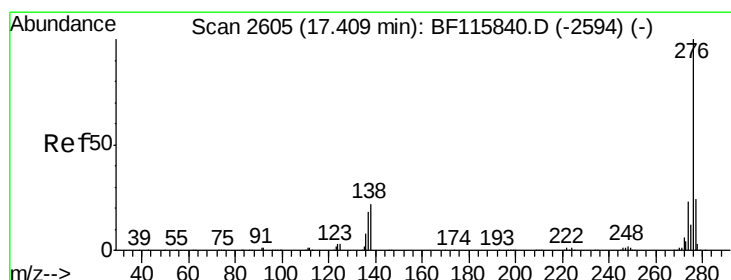
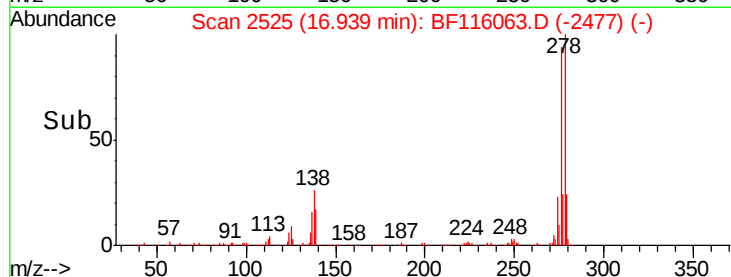
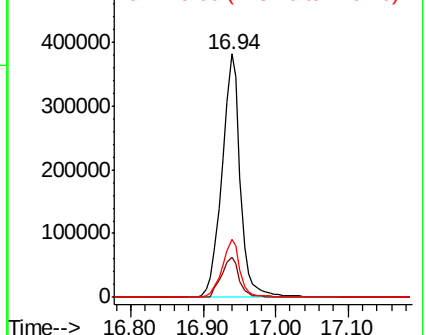


Abundance

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: 47.765 ng

RT: 17.37 min Scan# 2599

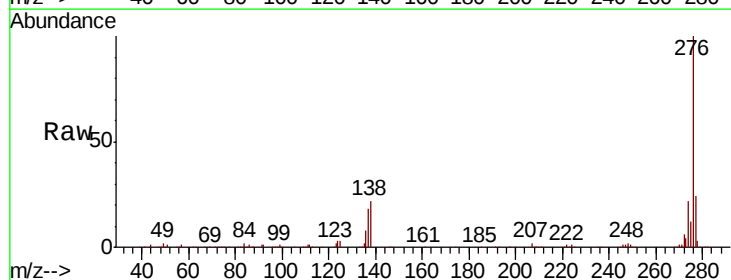
Delta R.T. -0.01 min

Lab File: BF116063.D

Acq: 8 Aug 2019 12:36

Tgt Ion:276 Resp: 659854

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.0	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

