

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116988.D
 Acq On : 12 Sep 2019 12:58
 Operator : HP/JU
 Sample : PB122916BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 14:27:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80004	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	331790	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	176014	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	276172	20.00	ng	0.00
76) Chrysene-d12	13.97	240	171224	20.00	ng	0.00
87) Perylene-d12	15.42	264	147169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	633850	128.35	ng	0.02
7) Phenol-d6	6.47	99	820472	126.53	ng	0.00
23) Nitrobenzene-d5	7.39	82	488057	83.97	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	181607	154.34	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	853719	81.82	ng	0.00
79) Terphenyl-d14	12.92	244	789442	85.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	104493	45.837	ng	98
3) Pyridine	3.40	79	248784	37.692	ng	98
4) n-Nitrosodimethylamine	3.35	42	96705	42.666	ng	90
6) Aniline	6.49	93	314904	35.062	ng	# 85
8) 2-Chlorophenol	6.62	128	273560	50.745	ng	98
9) Benzaldehyde	6.37	77	172421	40.359	ng	100
10) Phenol	6.48	94	345386	48.100	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	254795	45.572	ng	99
12) 1,3-Dichlorobenzene	6.77	146	284511	46.696	ng	99
13) 1,4-Dichlorobenzene	6.85	146	292214	48.173	ng	98
14) 1,2-Dichlorobenzene	7.00	146	272212	48.424	ng	98
15) Benzyl Alcohol	6.97	79	249596	47.418	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	250038	38.117	ng	99
17) 2-Methylphenol	7.08	107	232603	49.289	ng	99
18) Hexachloroethane	7.34	117	113302	48.076	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	194099	45.460	ng	99
20) 3+4-Methylphenols	7.23	107	283484	51.664	ng	98
22) Acetophenone	7.23	105	398112	49.839	ng	97
24) Nitrobenzene	7.40	77	303888	51.410	ng	94
25) Isophorone	7.65	82	548972	46.614	ng	99
26) 2-Nitrophenol	7.72	139	143561	65.326	ng	99
27) 2,4-Dimethylphenol	7.76	122	239782	54.026	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	331064	46.001	ng	99
29) 2,4-Dichlorophenol	7.96	162	224244	52.574	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	221247	47.824	ng	99
31) Naphthalene	8.13	128	778179	49.324	ng	100
32) Benzoic acid	7.90	122	141393	56.421	ng	93
33) 4-Chloroaniline	8.17	127	190023	26.460	ng	96
34) Hexachlorobutadiene	8.25	225	123283	48.874	ng	98
35) Caprolactam	8.55	113	41287	25.865	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	262210	53.487	ng	95
37) 2-Methylnaphthalene	8.82	142	536582	51.116	ng	98
38) 1-Methylnaphthalene	8.92	142	489773	49.425	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	202303	47.946	ng	99

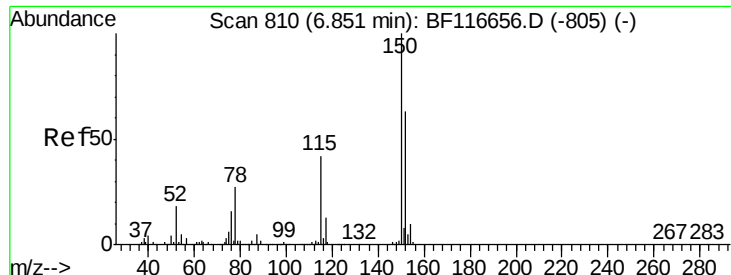
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219119	89.930	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	144096	49.819	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	157934	52.596	ng	96
46) 1,1'-Biphenyl	9.28	154	623182	46.659	ng	99
47) 2-Chloronaphthalene	9.30	162	486227	45.963	ng	97
48) 2-Nitroaniline	9.40	65	158433	51.804	ng	96
49) Acenaphthylene	9.72	152	768084	48.033	ng	100
50) Dimethylphthalate	9.58	163	566741	46.638	ng	100
51) 2,6-Dinitrotoluene	9.64	165	127652	55.058	ng #	80
52) Acenaphthene	9.89	154	447888	45.585	ng	100
53) 3-Nitroaniline	9.81	138	93268	32.100	ng	96
54) 2,4-Dinitrophenol	9.92	184	99388	116.199	ng #	91
55) Dibenzofuran	10.06	168	675557	48.773	ng	99
56) 4-Nitrophenol	9.98	139	202149	101.466	ng	95
57) 2,4-Dinitrotoluene	10.05	165	169749	59.877	ng	90
58) Fluorene	10.40	166	530947	50.308	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	121736	56.173	ng	99
60) Diethylphthalate	10.28	149	562638	46.222	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	232353	50.276	ng	97
62) 4-Nitroaniline	10.43	138	142213	50.435	ng	99
63) Azobenzene	10.56	77	589993	46.483	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	70292	65.832	ng	96
66) n-Nitrosodiphenylamine	10.52	169	468611	49.050	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	134901	48.084	ng	98
68) Hexachlorobenzene	10.96	284	141225	48.112	ng	98
69) Atrazine	11.04	200	131062	48.981	ng	98
70) Pentachlorophenol	11.15	266	158534	111.647	ng	99
71) Phenanthrene	11.37	178	751439	48.879	ng	99
72) Anthracene	11.42	178	774585	50.052	ng	99
73) Carbazole	11.57	167	711457	48.262	ng	100
74) Di-n-butylphthalate	11.90	149	871541	46.118	ng	100
75) Fluoranthene	12.55	202	739249	48.930	ng	99
77) Benzidine	12.67	184	330973	49.283	ng	99
78) Pyrene	12.78	202	745105	48.953	ng	99
80) Butylbenzylphthalate	13.39	149	337623	45.614	ng	100
81) Benzo(a)anthracene	13.96	228	536367	49.495	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	134883	36.831	ng	93
83) Chrysene	14.00	228	525601	47.078	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	435911	47.709	ng	98
85) Di-n-octyl phthalate	14.56	149	683121	45.687	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	422248	47.086	ng	99
88) Benzo(b)fluoranthene	15.00	252	447861	50.335	ng	99
89) Benzo(k)fluoranthene	15.00	252	447861	55.205	ng	98
90) Benzo(a)pyrene	15.36	252	390292	50.419	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	355818	52.513	ng	97
92) Benzo(g,h,i)perylene	17.29	276	354041	51.233	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

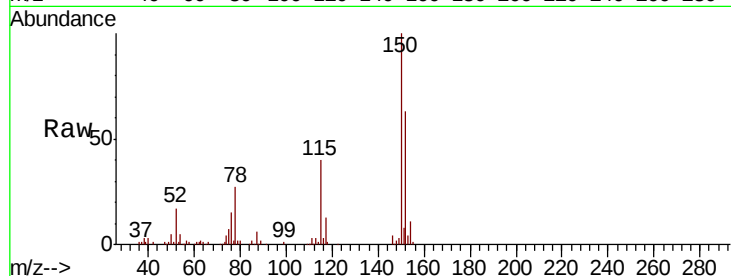
Tot Ion:152 Resp: 80004

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

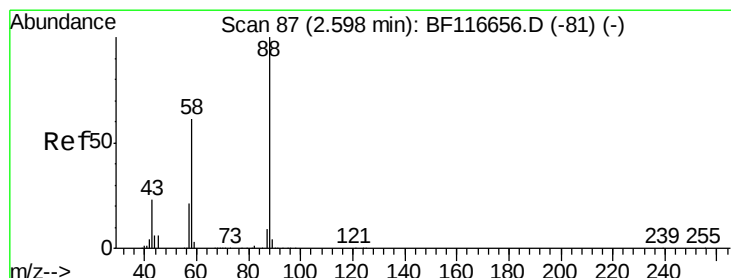
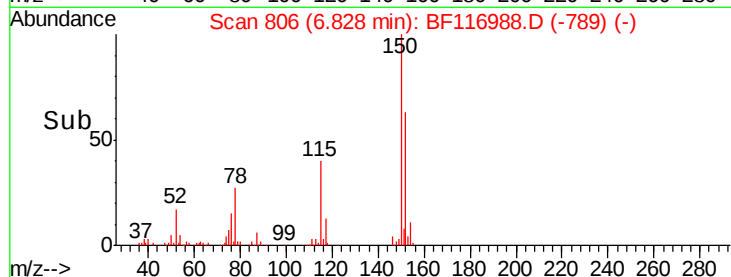
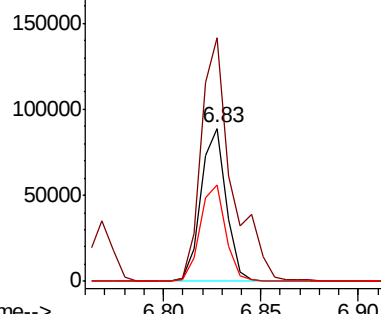
115 63.3 50.2 75.2



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: 45.837 ng

RT: 2.66 min Scan# 98

Delta R.T. 0.11 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

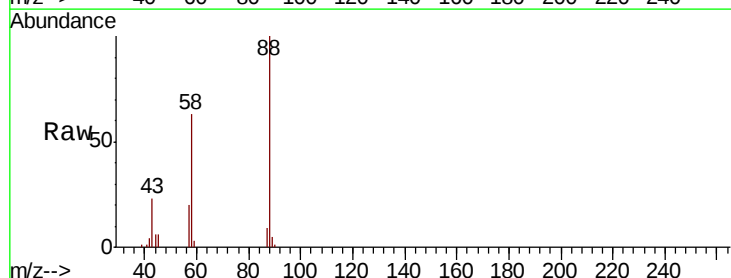
Tgt Ion: 88 Resp: 104493

Ion Ratio Lower Upper

88 100

58 61.4 49.4 74.2

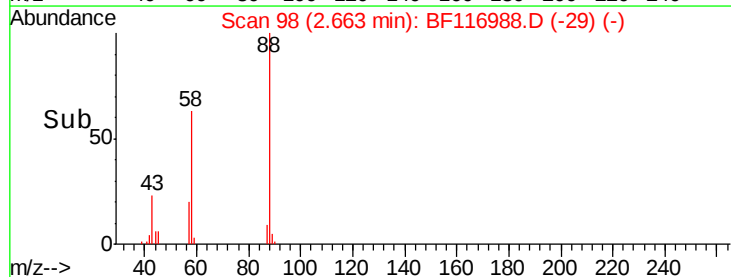
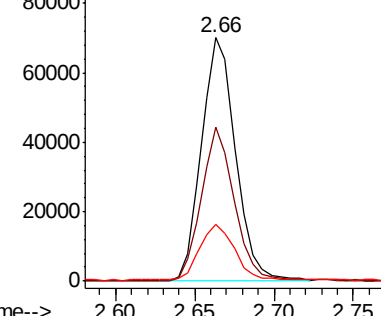
43 25.7 18.6 28.0

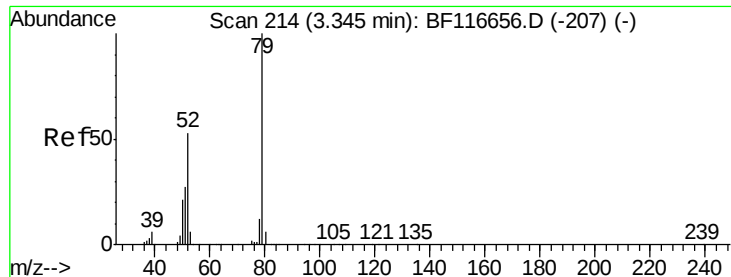


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

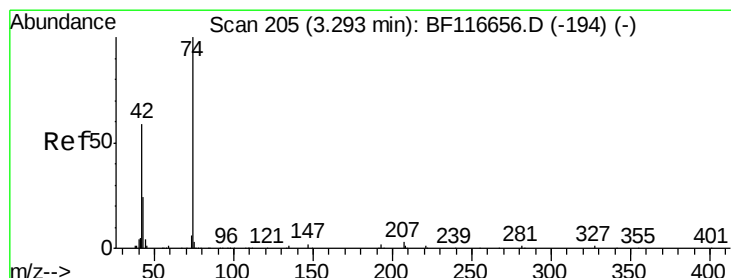
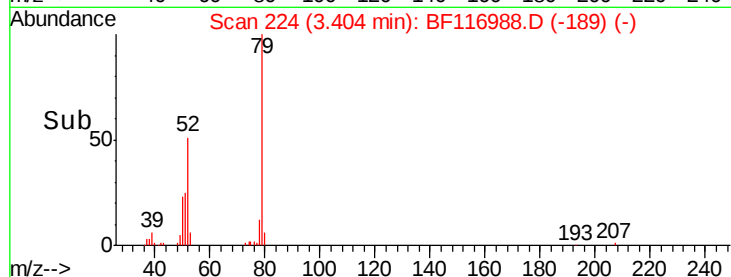
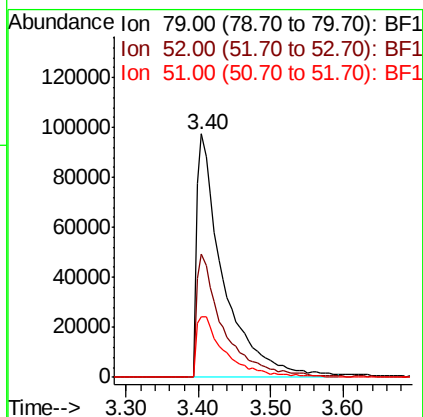
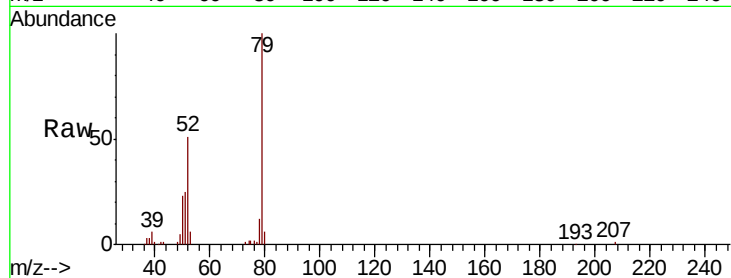




#3
 Pvridine
 Concen: 37.692 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.11 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

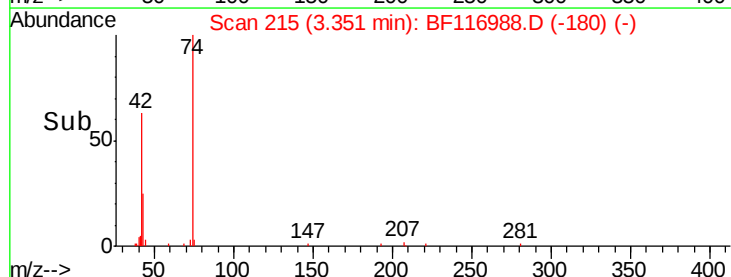
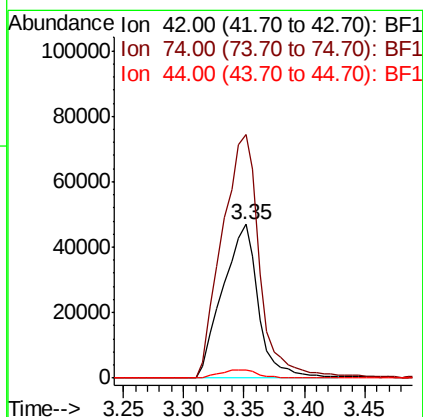
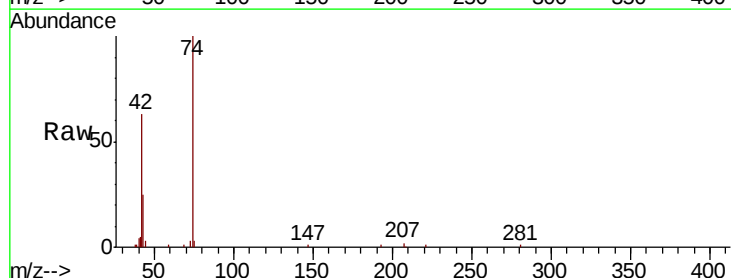
Instrument :
 BNA_F
 ClientSampleId :

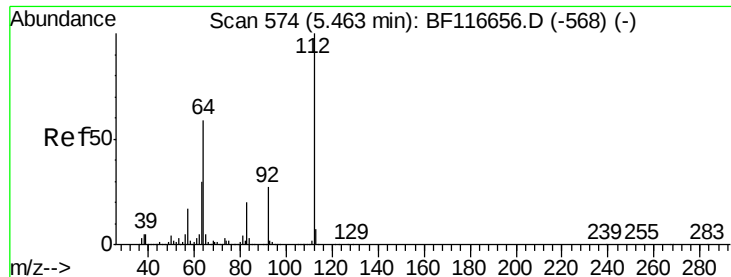
Tot Ion: 79 Resp: 248784
 Ion Ratio Lower Upper
 79 100
 52 50.7 40.5 60.7
 51 24.7 22.3 33.5



#4
 n-Nitrosodimethylamine
 Concen: 42.666 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.11 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion: 42 Resp: 96705
 Ion Ratio Lower Upper
 42 100
 74 158.2 137.6 206.4
 44 5.3 4.4 6.6





#5

2-Fluorophenol

Concen: 128.353 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF116988.D

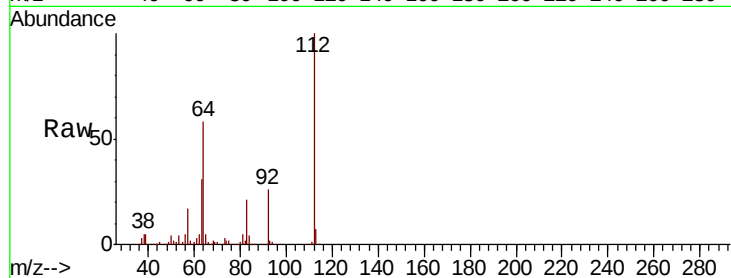
Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

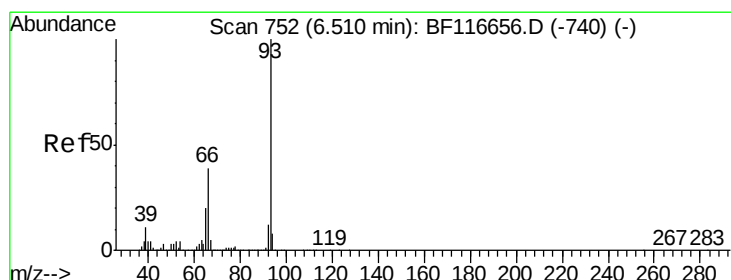
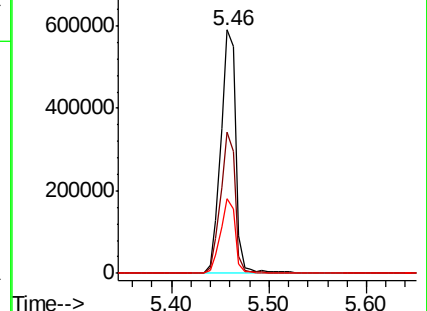
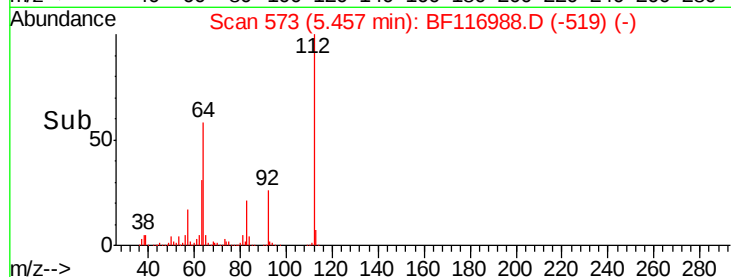
Tot Ion:	112	Resp:	633850
Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.1	70.7
63	30.9	25.4	38.0



Abundance Ion 112.00 (111.70 to 112.70): BF116656.D (-568) (-)

Ion 64.00 (63.70 to 64.70): BF116656.D (-568) (-)

Ion 63.00 (62.70 to 63.70): BF116656.D (-568) (-)



#6

Aniline

Concen: 35.062 ng

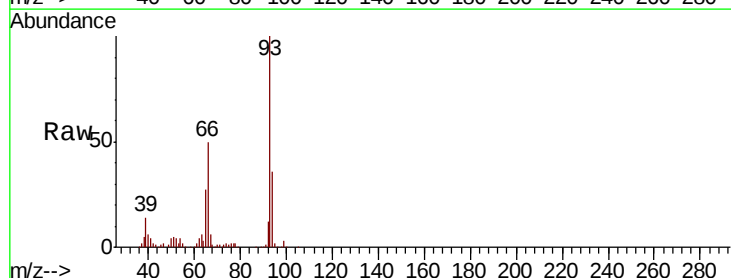
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

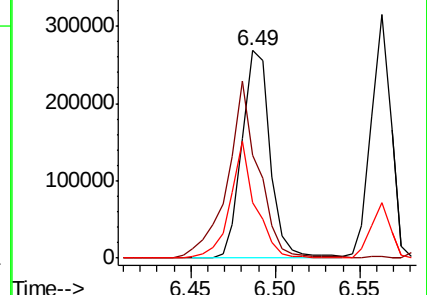
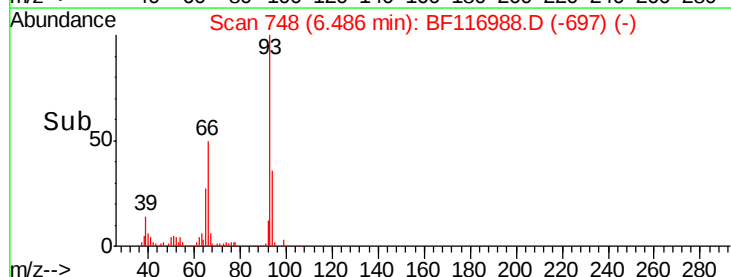
Tgt Ion:	93	Resp:	314904
Ion	Ratio	Lower	Upper
93	100		
66	49.9	32.3	48.5#
65	26.6	16.2	24.2#

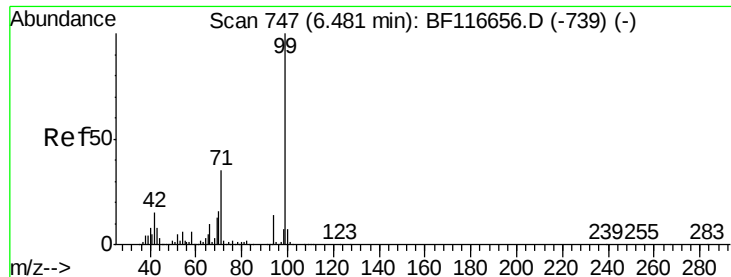


Abundance Ion 93.00 (92.70 to 93.70): BF116656.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BF116656.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BF116656.D (-740) (-)





#7

Phenol-d6

Concen: 126.526 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

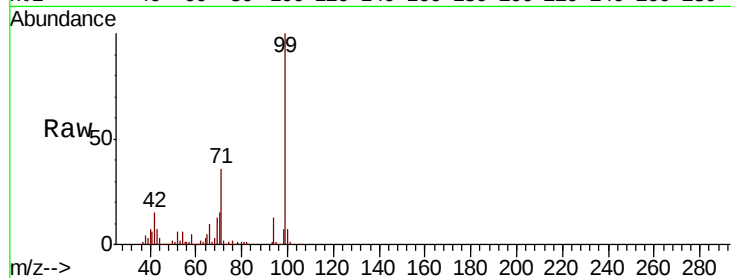
Tot Ion: 99 Resp: 820472

Ion Ratio Lower Upper

99 100

42 15.0 12.0 18.0

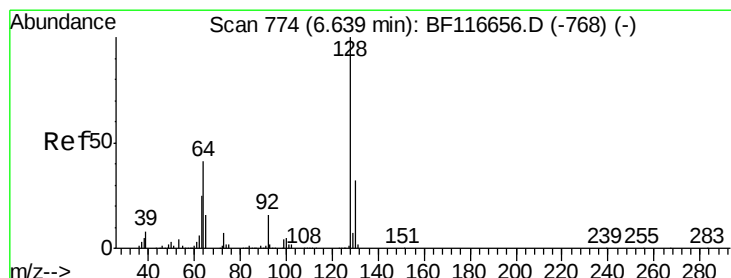
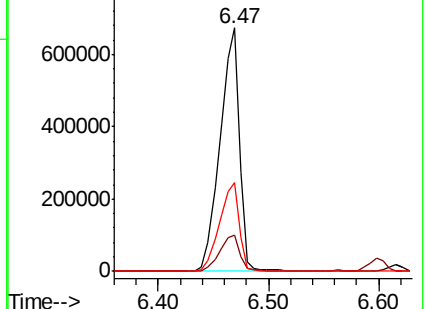
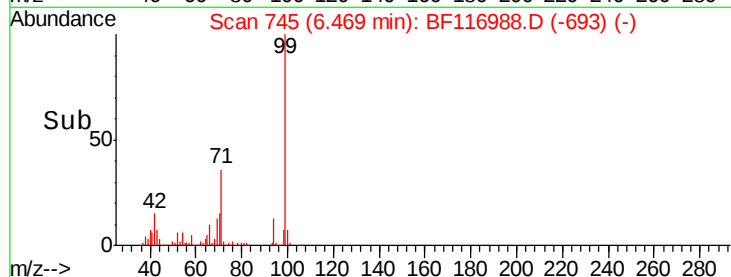
71 36.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.745 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

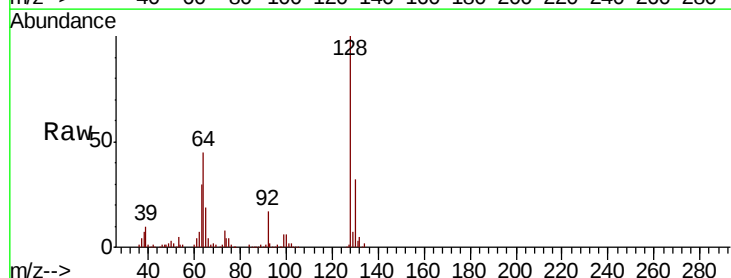
Tgt Ion: 128 Resp: 273560

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

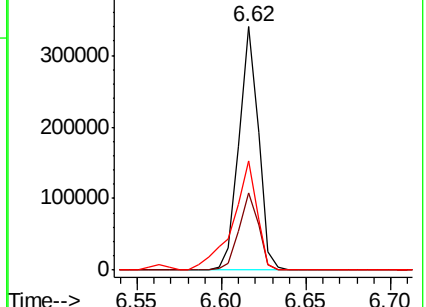
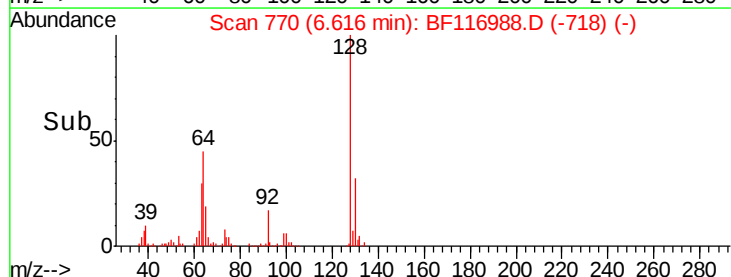
64 44.9 26.5 66.5

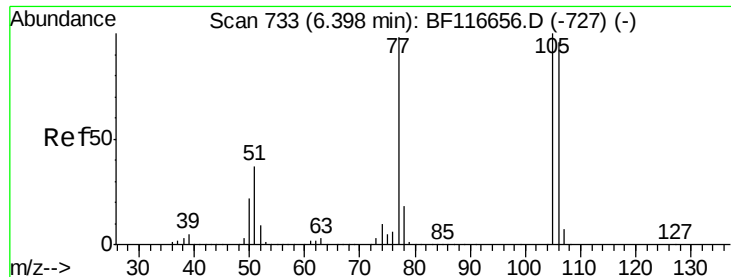


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.359 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

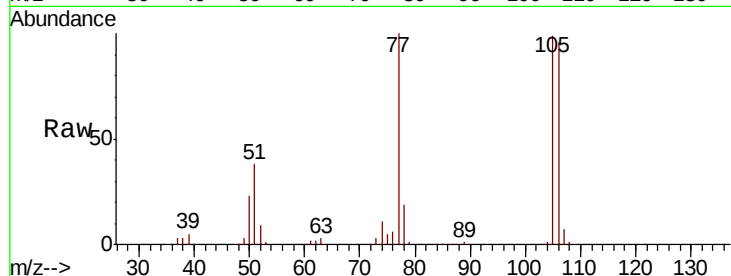
Tot Ion: 77 Resp: 172421

Ion Ratio Lower Upper

77 100

105 99.1 79.3 119.3

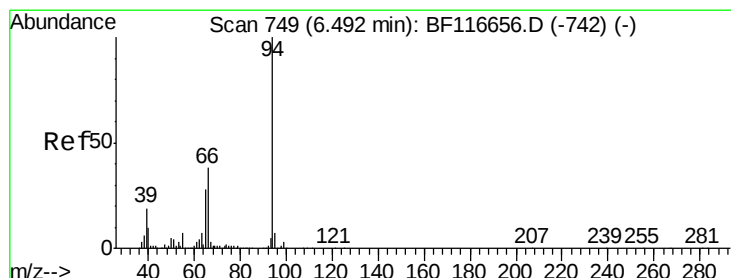
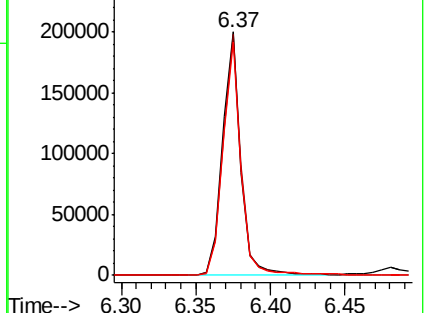
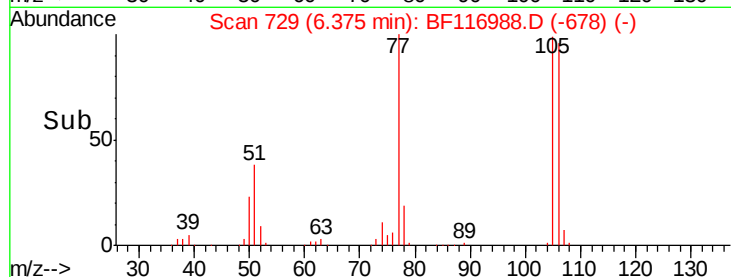
106 95.7 75.1 115.1



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: 48.100 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

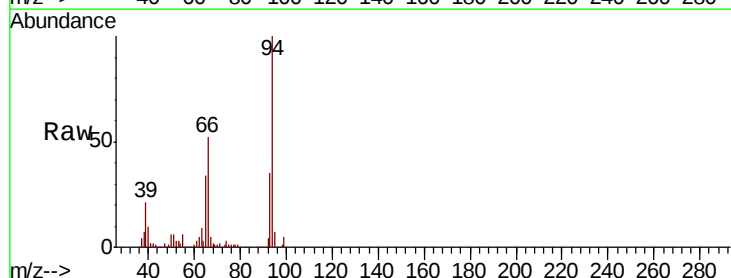
Tgt Ion: 94 Resp: 345386

Ion Ratio Lower Upper

94 100

65 34.2 12.0 52.0

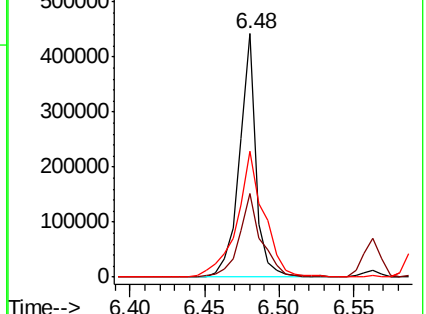
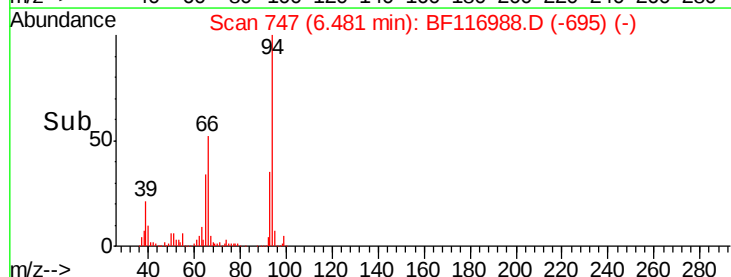
66 51.8 26.5 66.5

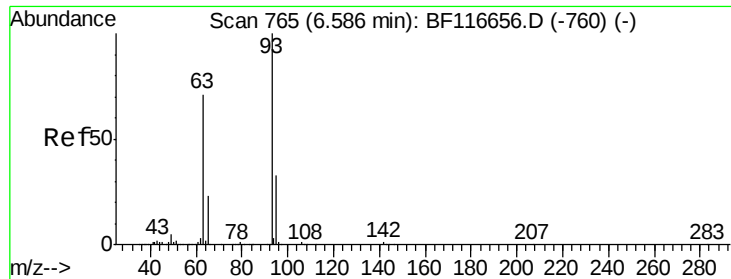


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

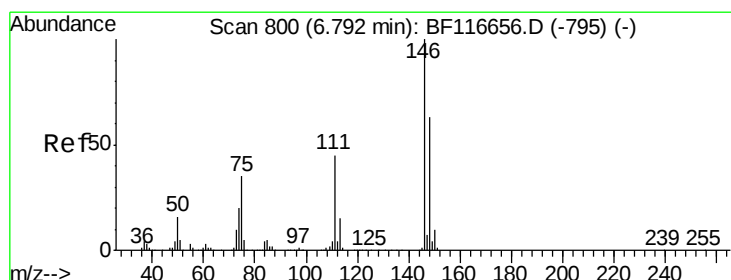
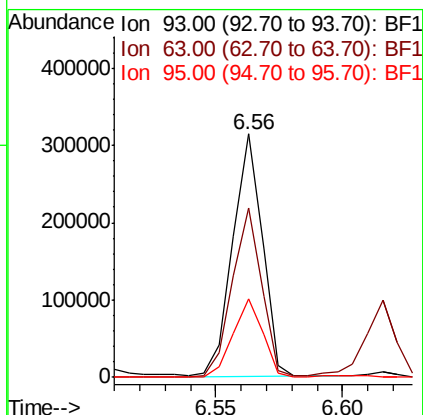
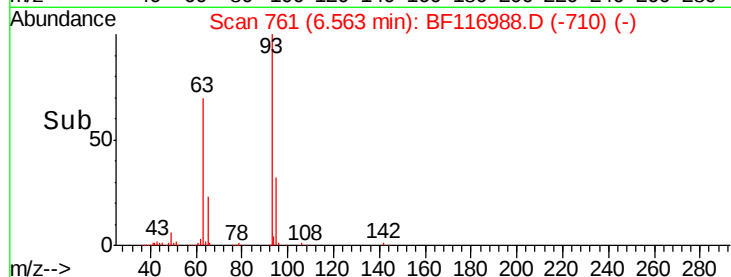
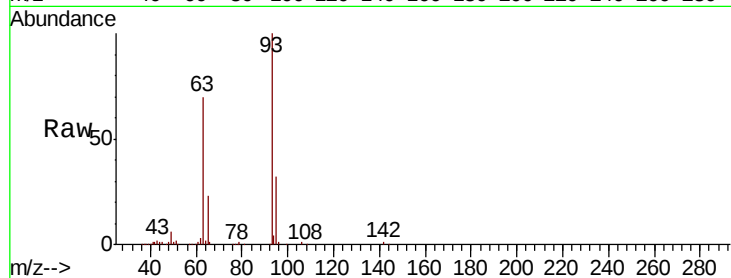




#11
bis(2-Chloroethyl)ether
Concen: 45.572 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

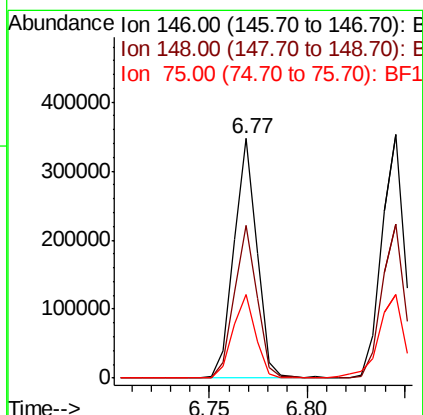
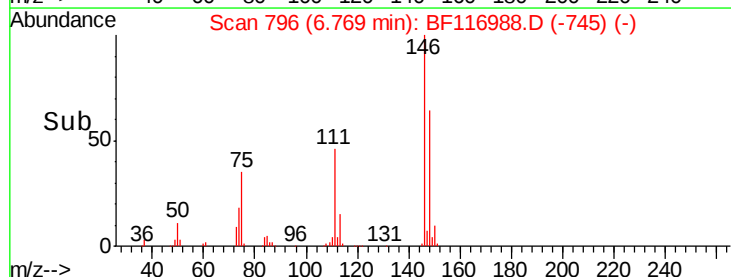
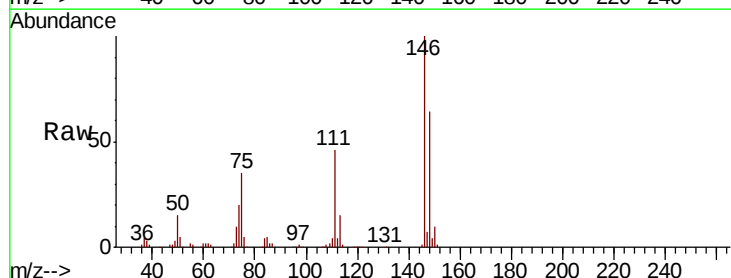
Instrument :
BNA_F
ClientSampleId :

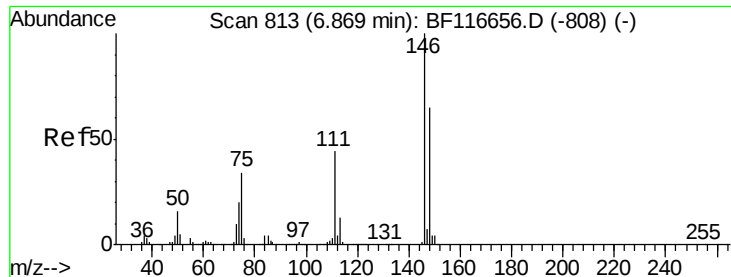
Tot Ion:	93	Resp:	254795
Ion	Ratio	Lower	Upper
93	100		
63	69.6	49.0	89.0
95	32.4	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 46.696 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:	146	Resp:	284511
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	35.1	26.6	40.0

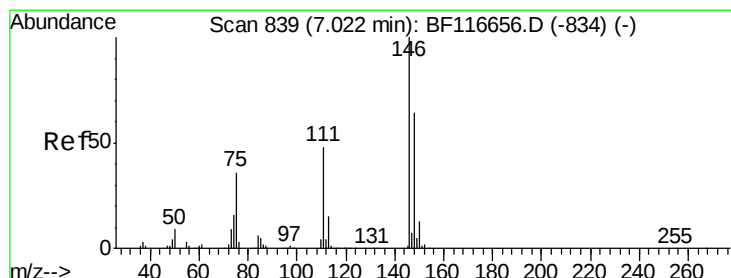
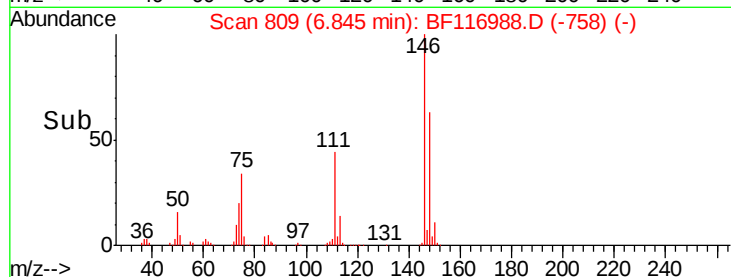
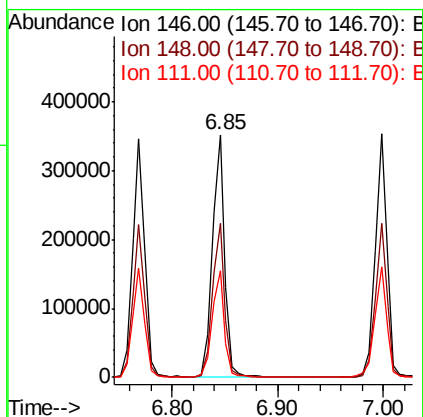
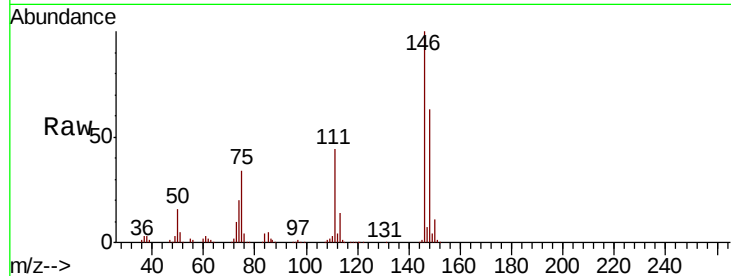




#13
 1,4-Dichlorobenzene
 Concen: 48.173 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

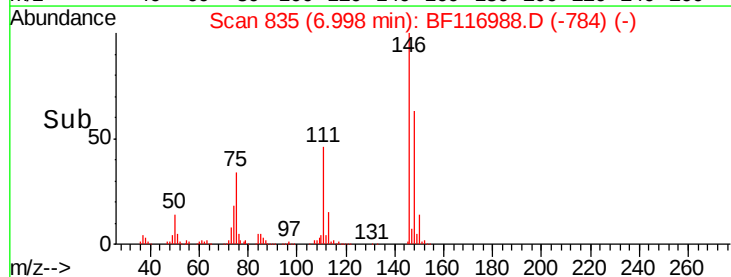
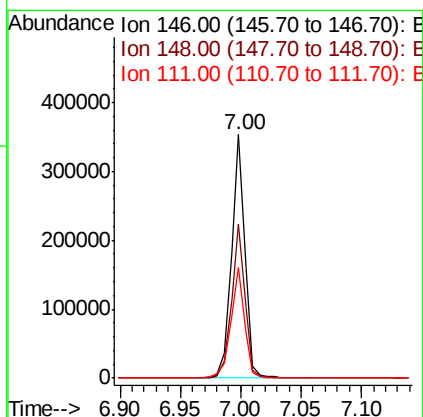
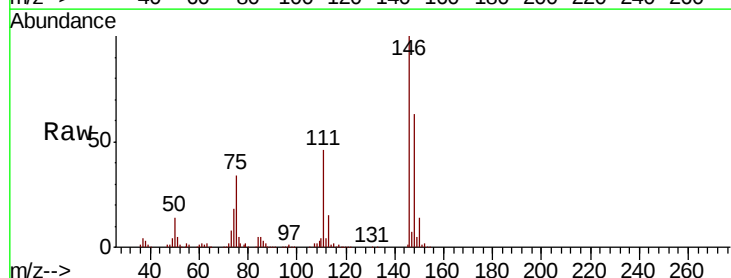
Instrument :
 BNA_F
 ClientSampled :

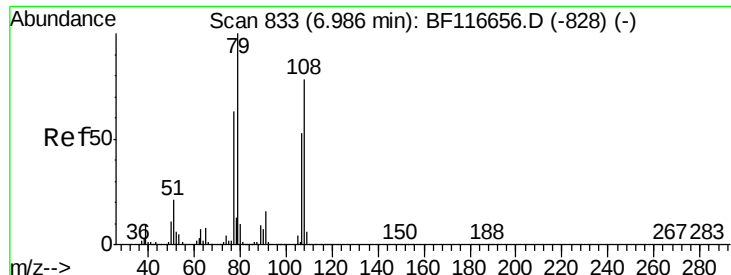
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	43.9	33.4	50.2



#14
 1,2-Dichlorobenzene
 Concen: 48.424 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.7	77.5
111	45.5	37.2	55.8

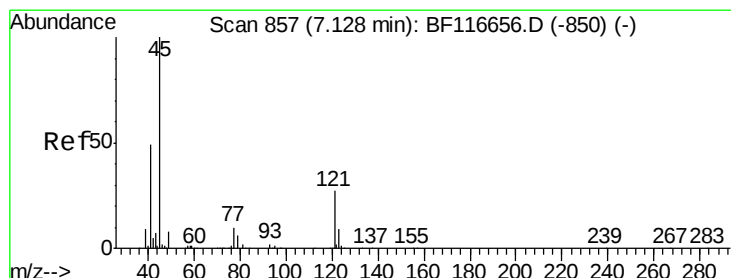
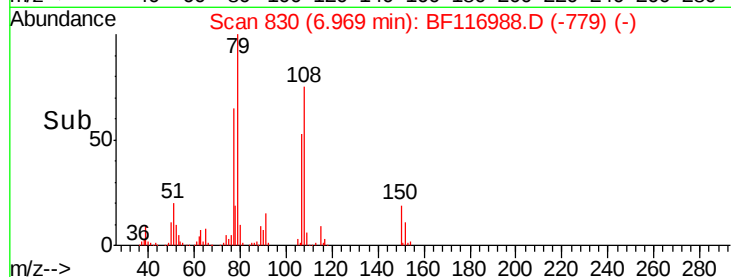
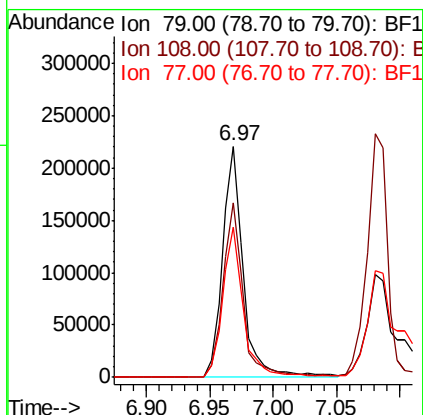
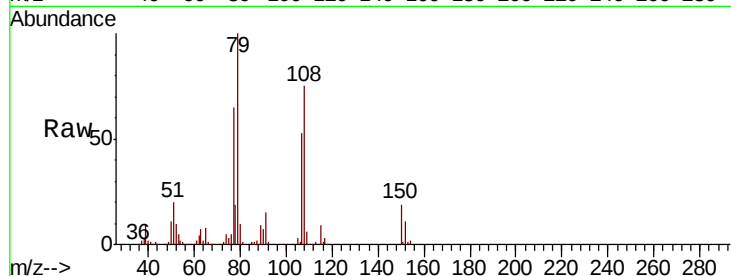




#15
Benzyl Alcohol
Concen: 47.418 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

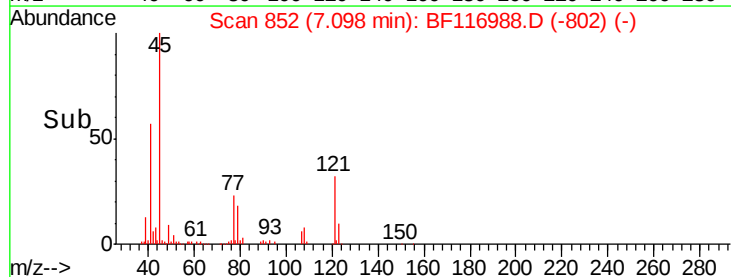
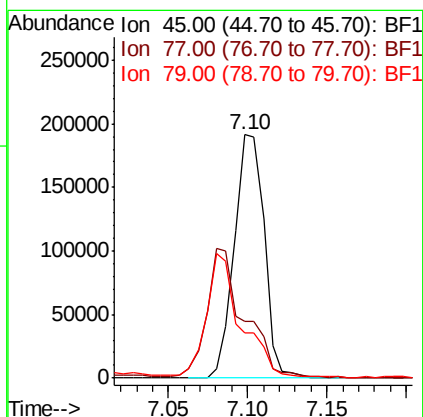
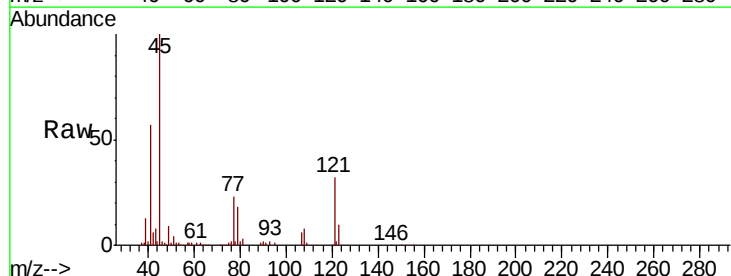
Instrument :
BNA_F
ClientSampleId :

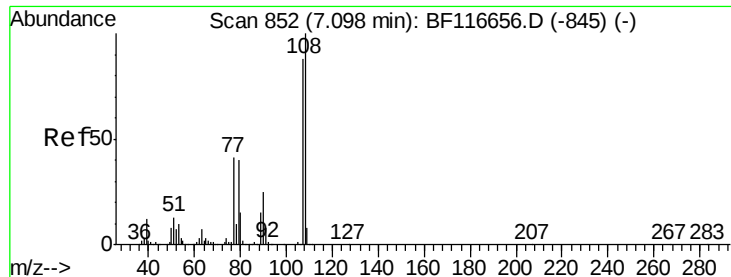
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.2	90.4
77	65.1	51.5	77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.117 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	2.7	42.7
79	18.5	0.0	38.5

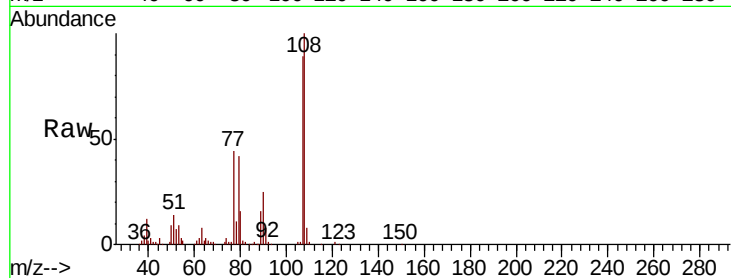




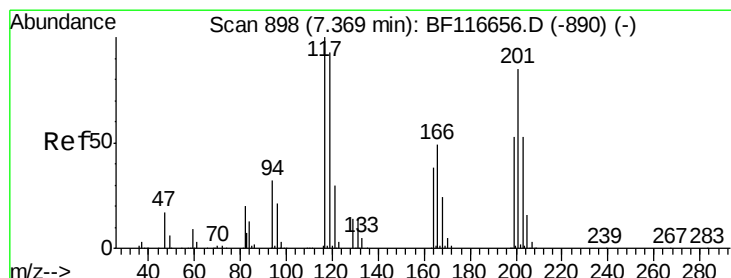
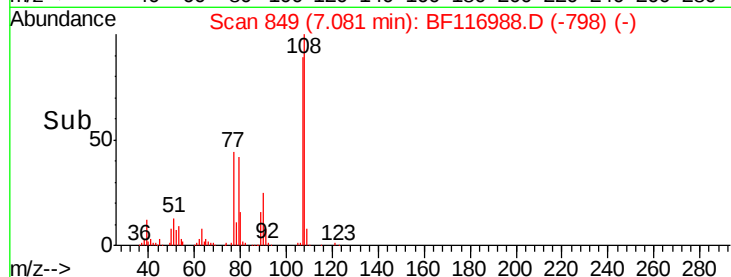
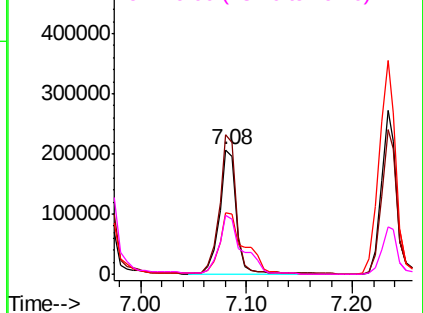
#17
2-Methylphenol
Concen: 49.289 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	232603
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	49.2	38.6	58.0
79	47.6	38.6	57.8

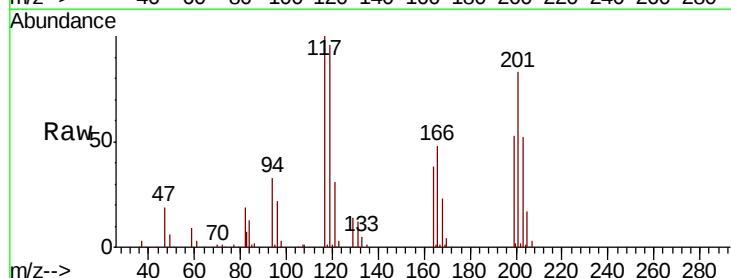


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

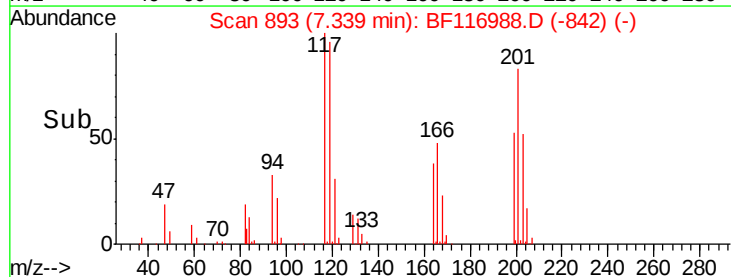
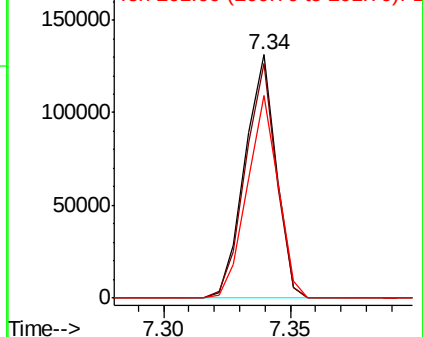


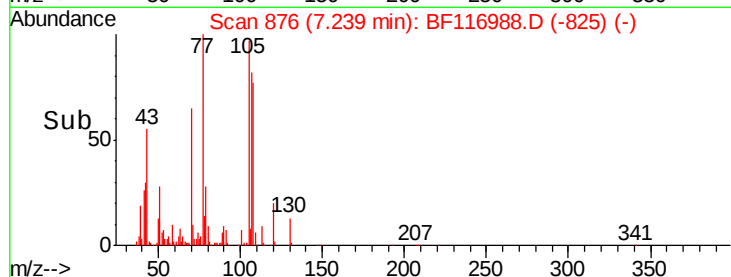
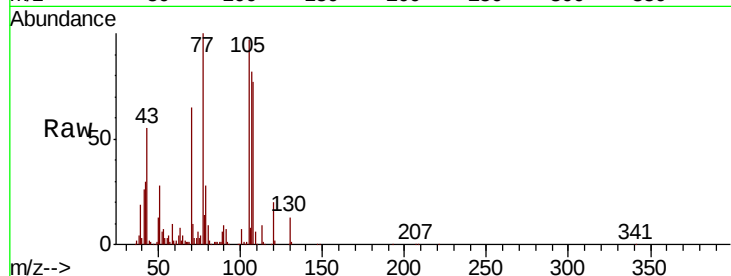
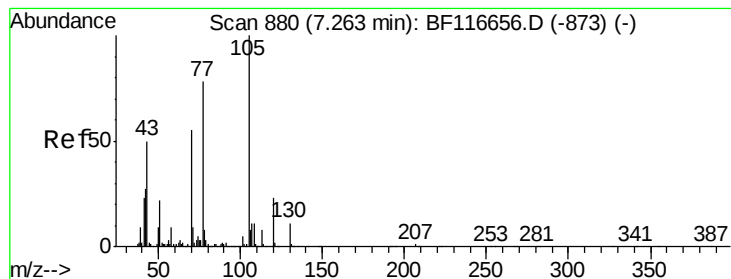
#18
Hexachloroethane
Concen: 48.076 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:	117	Resp:	113302
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.8	115.2
201	83.2	68.2	102.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.460 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 194099

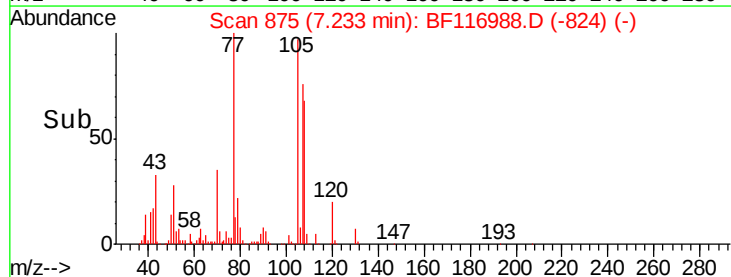
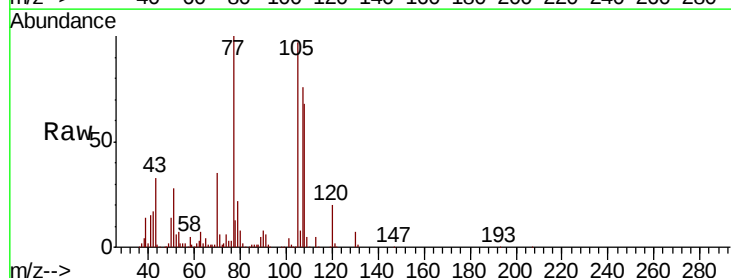
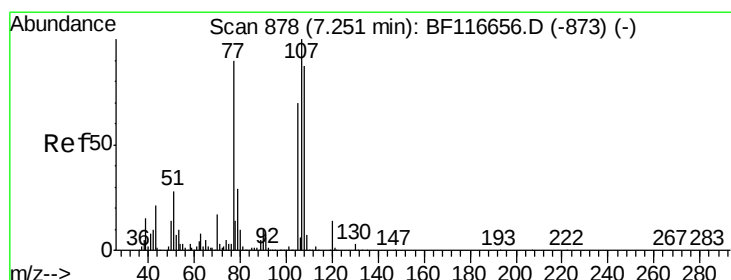
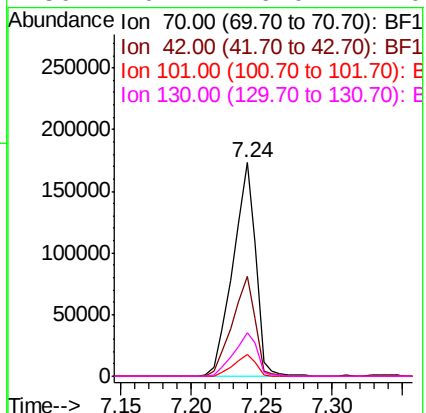
Ion Ratio Lower Upper

70 100

42 46.8 37.0 55.4

101 10.1 7.4 11.2

130 20.7 16.0 24.0



#20

3+4-Methylphenols

Concen: 51.664 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Tgt Ion: 107 Resp: 283484

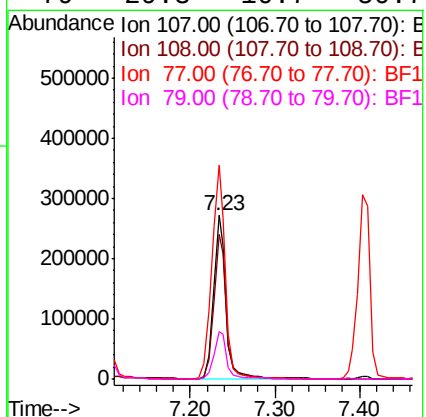
Ion Ratio Lower Upper

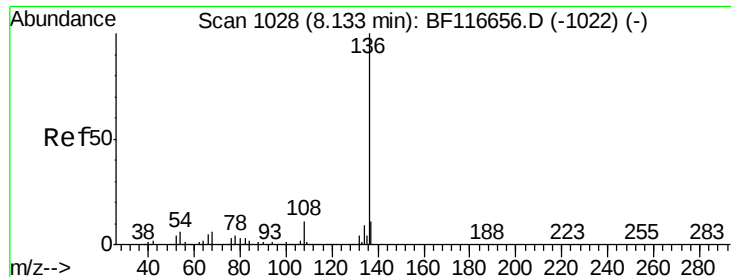
107 100

108 88.9 71.9 111.9

77 130.8 112.6 152.6

79 29.3 10.7 50.7

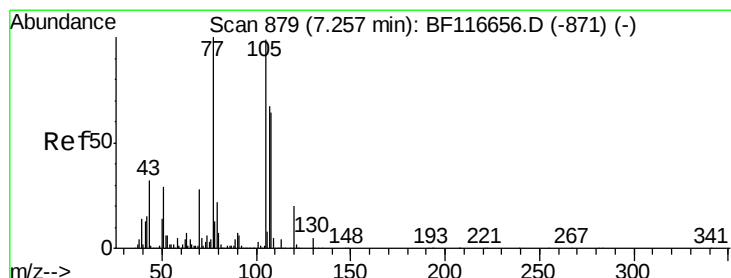
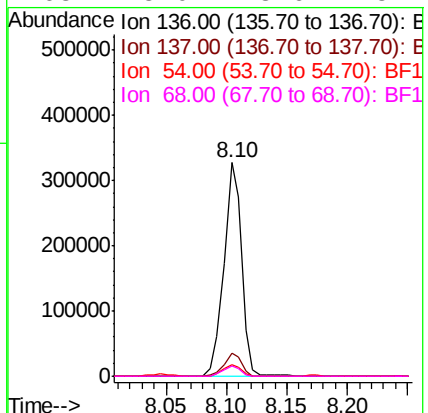
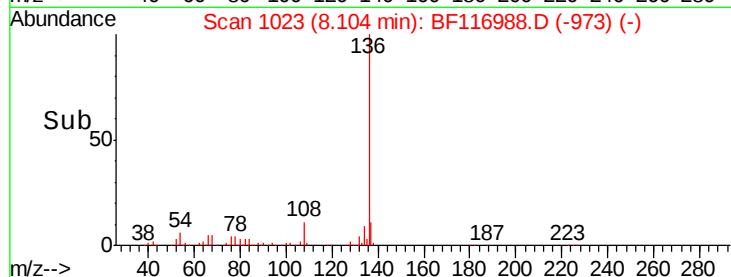
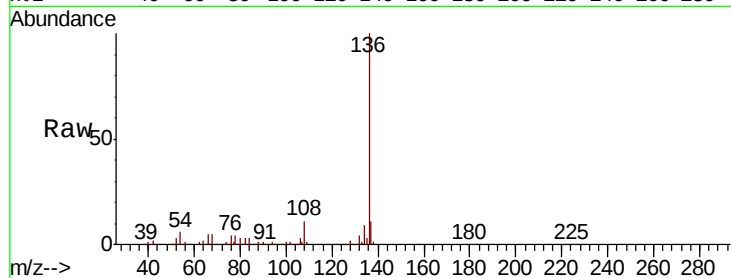




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

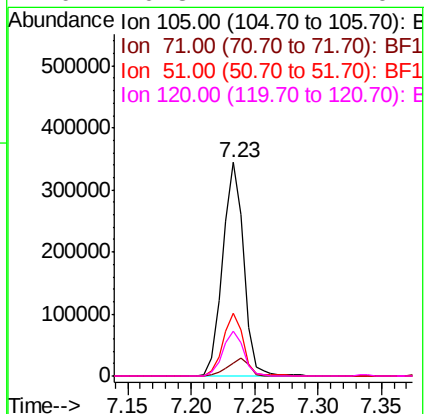
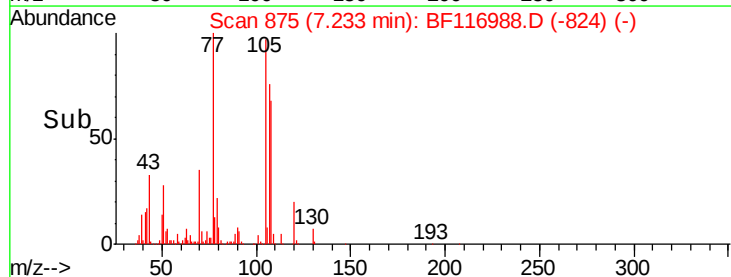
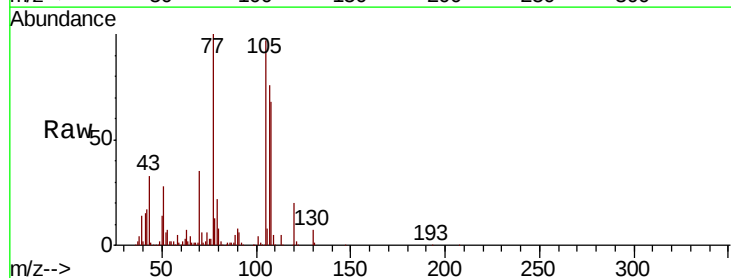
Instrument :
BNA_F
ClientSampled :

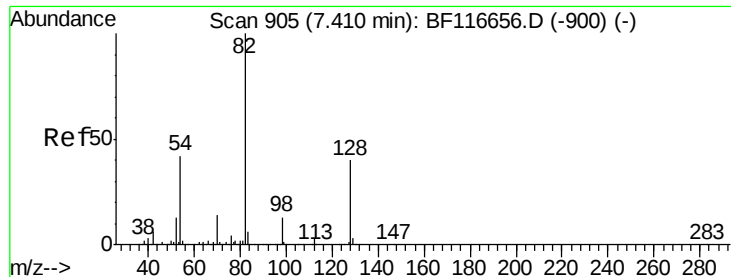
Tot Ion:136	Resp:	331790
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 5.7	3.8	5.8
68 5.0	3.6	5.4



#22
Acetophenone
Concen: 49.839 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt	Ion:105	Resp:	398112
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.2	6.4
51	29.2	24.6	37.0
120	20.8	17.4	26.2

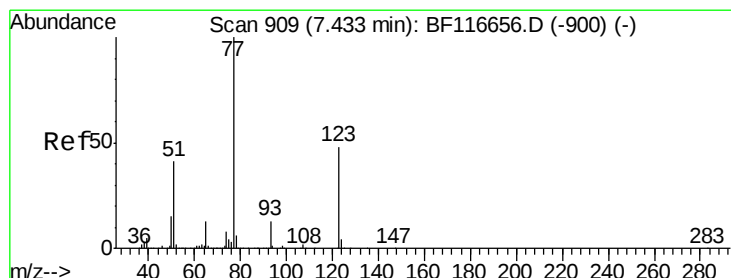
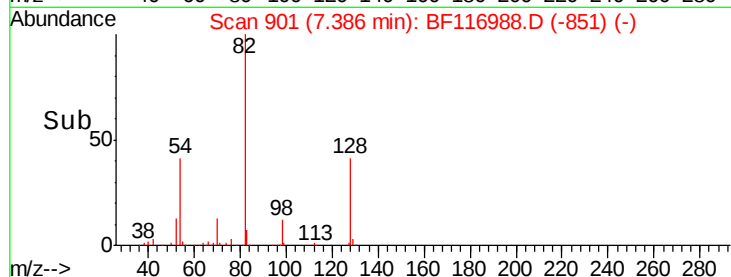
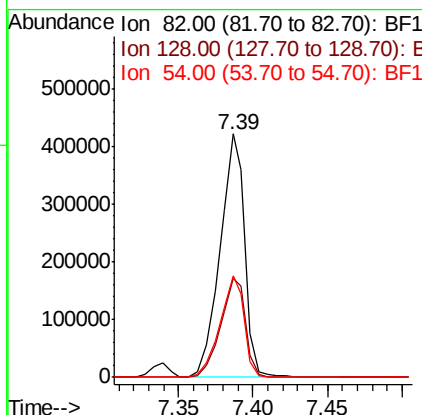
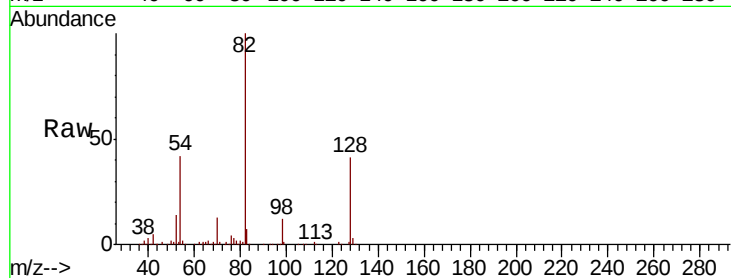




#23
 Nitrobenzene-d5
 Concen: 83.974 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

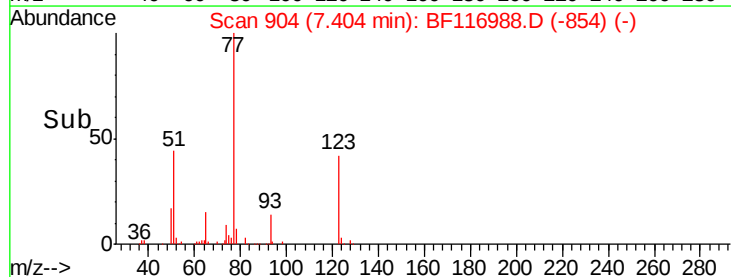
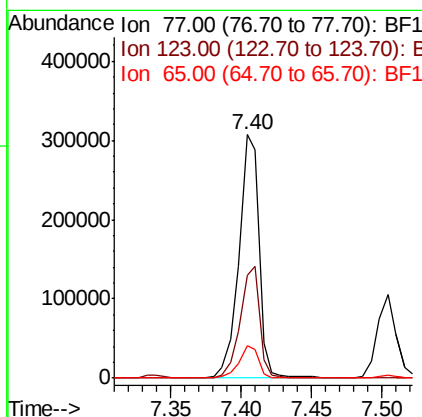
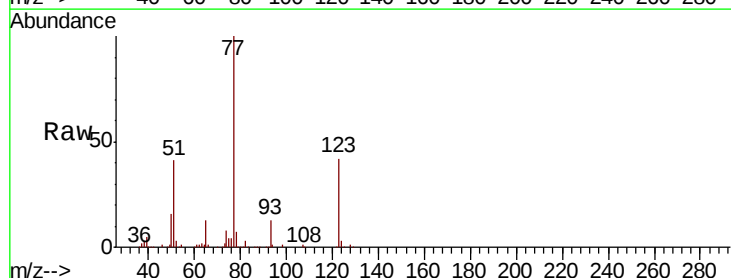
Instrument :
 BNA_F
 ClientSampleId :

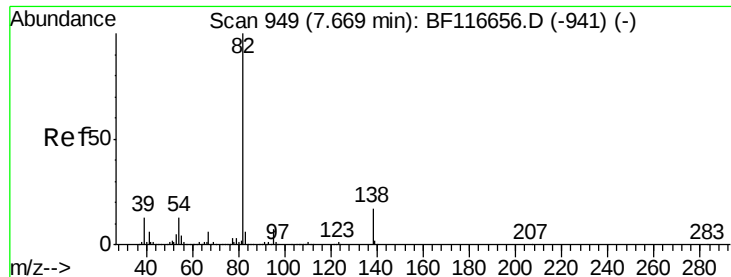
Tot Ion	82	Resp	488057
Ion Ratio	Lower	Upper	
82	100		
128	40.9	35.0	52.4
54	41.6	32.6	48.8



#24
 Nitrobenzene
 Concen: 51.410 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion	77	Resp	303888
Ion Ratio	Lower	Upper	
77	100		
123	42.1	37.7	56.5
65	13.5	10.3	15.5





#25

Isophorone

Concen: 46.614 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

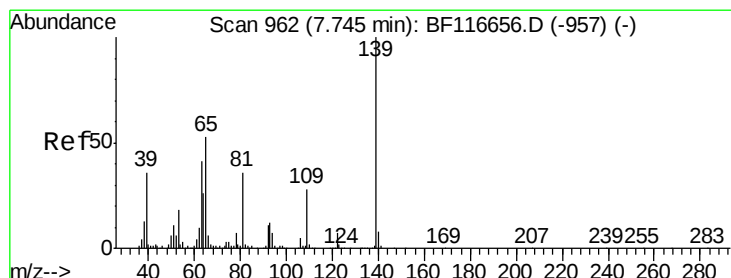
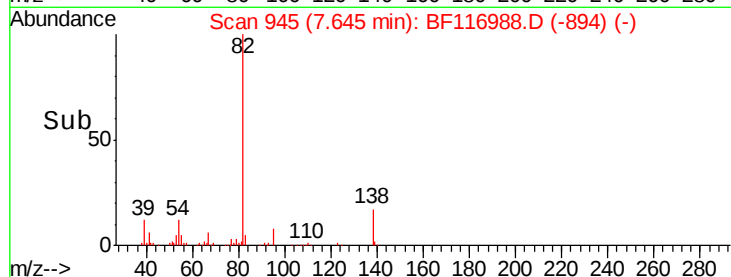
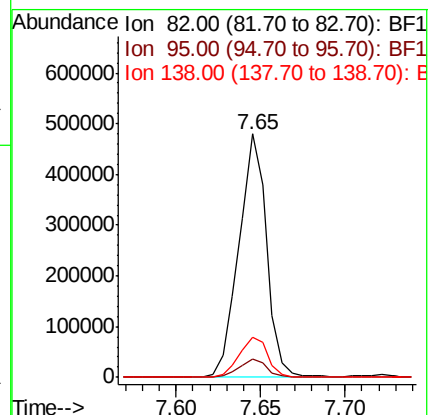
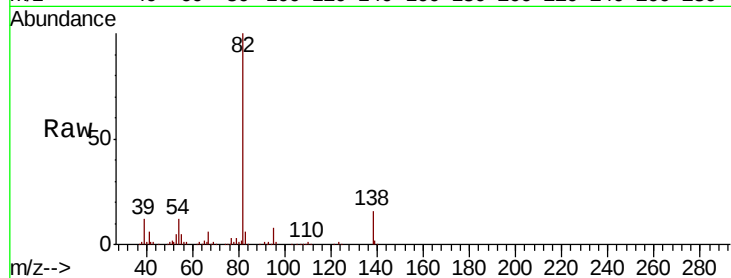
Tot Ion: 82 Resp: 548972

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 16.5 13.4 20.2



#26

2-Nitrophenol

Concen: 65.326 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

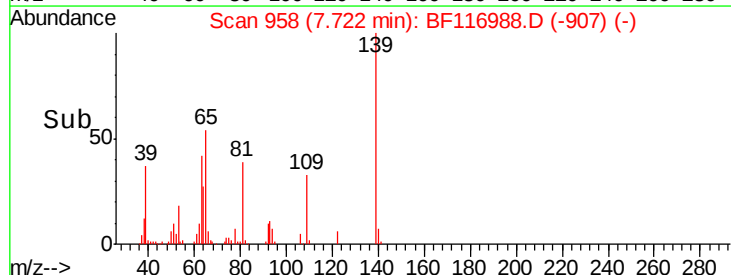
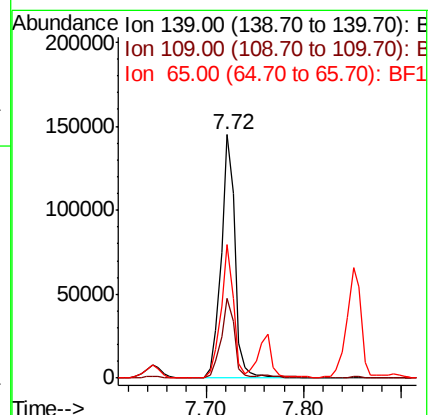
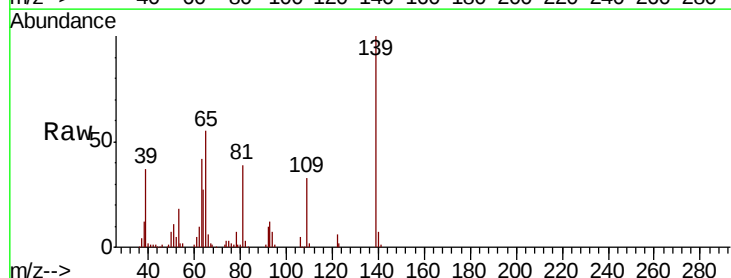
Tgt Ion: 139 Resp: 143561

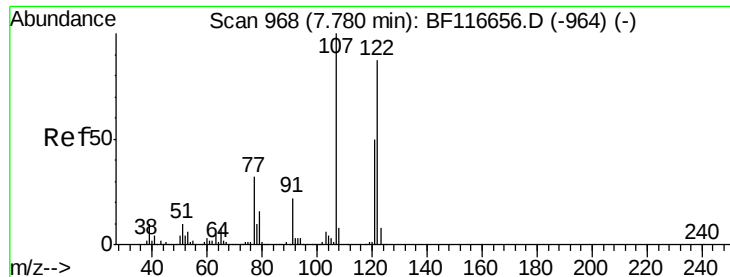
Ion Ratio Lower Upper

139 100

109 32.8 26.2 39.4

65 54.6 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 54.026 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

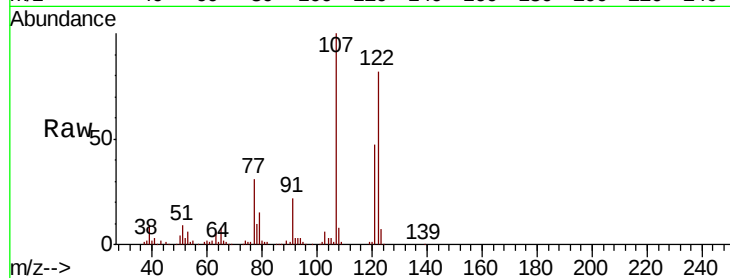
Tot Ion:122 Resp: 239782

Ion Ratio Lower Upper

122 100

107 121.8 98.8 148.2

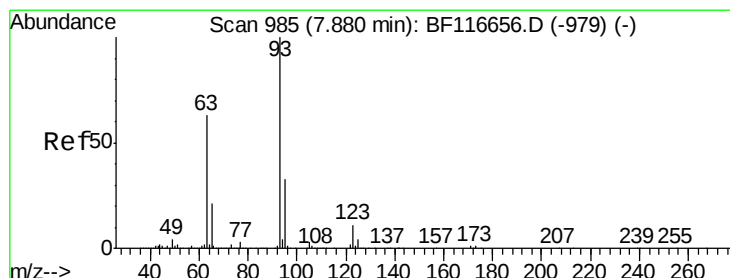
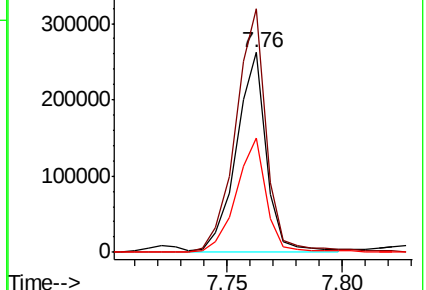
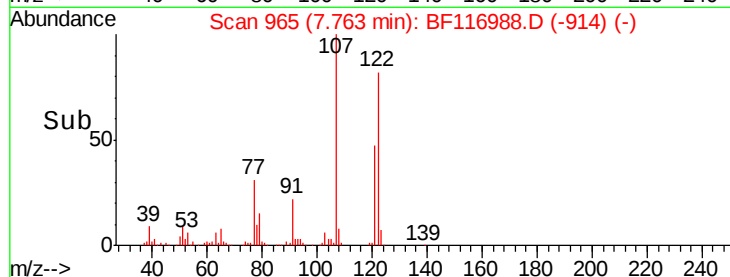
121 57.4 44.8 67.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.001 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

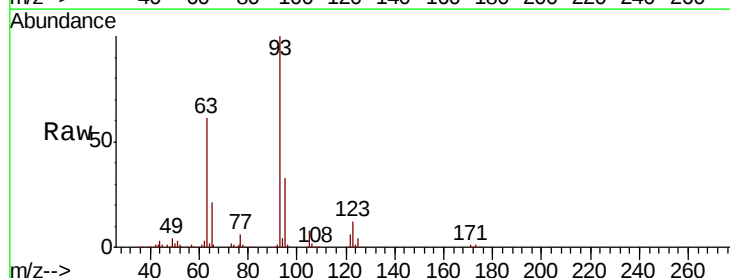
Tgt Ion: 93 Resp: 331064

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

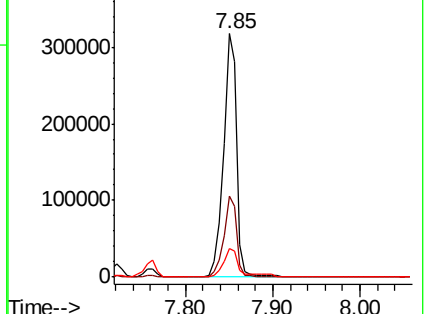
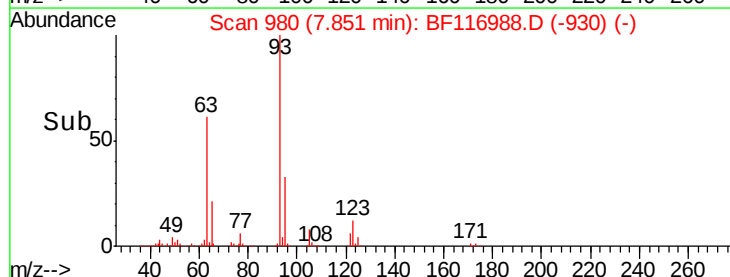
123 11.5 9.7 14.5

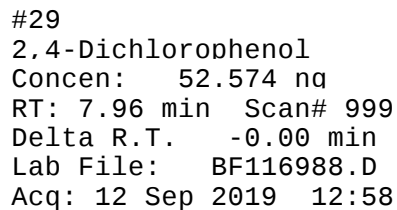


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

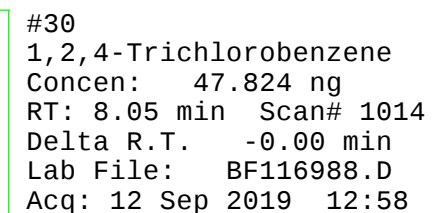
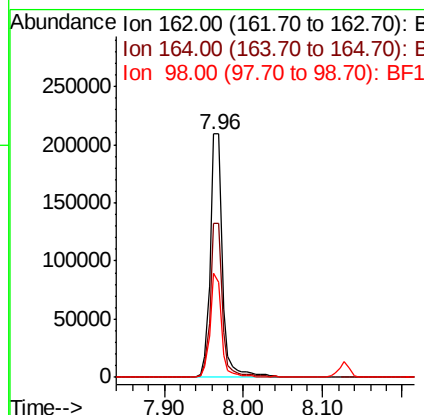
Ion 123.00 (122.70 to 123.70): E



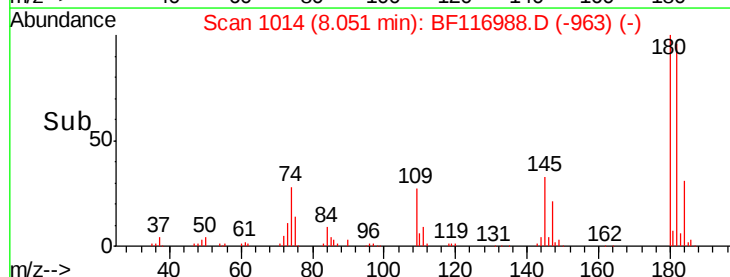
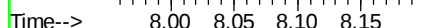
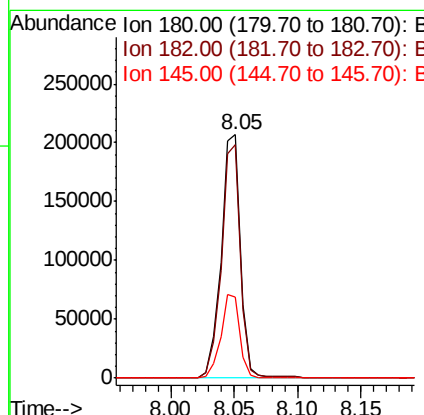


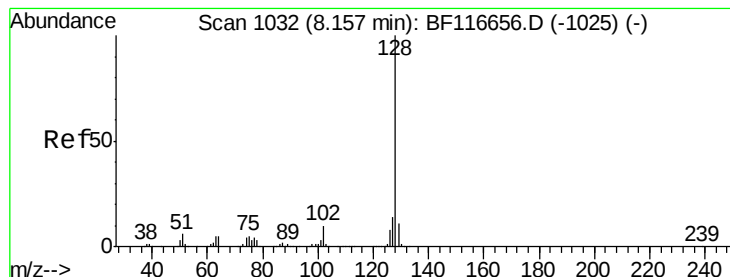
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:162	Resp:	224244
Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.8	83.8
98	42.8	22.8	62.8



Tgt	Ion:180	Resp:	221247
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.3	115.9
145	33.4	27.4	41.2





#31

Naphthalene

Concen: 49.324 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

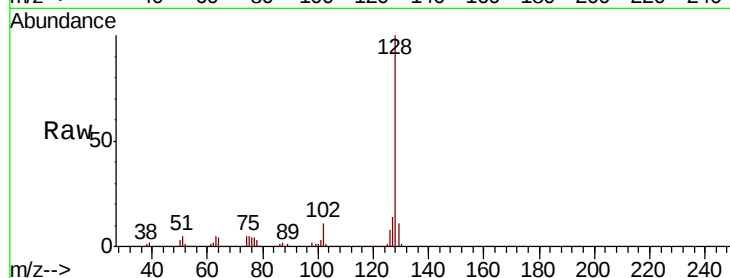
Tot Ion:128 Resp: 778179

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

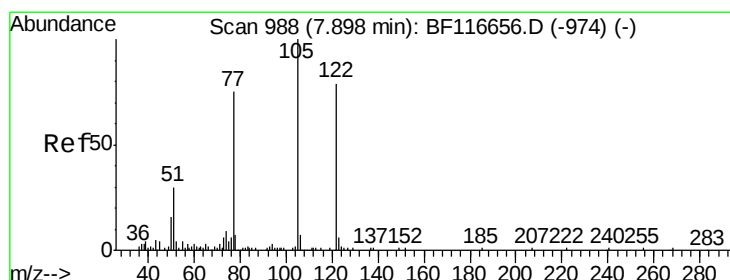
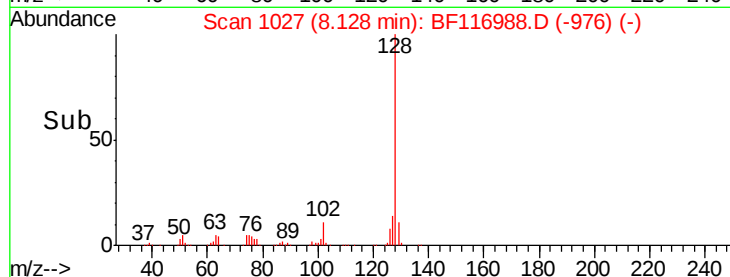
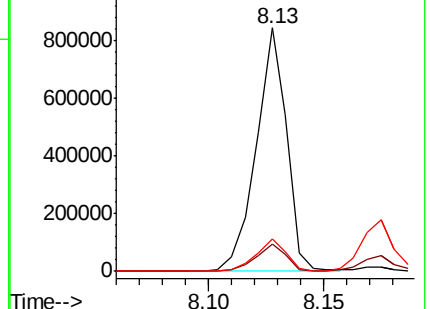
127 13.5 10.6 16.0



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: 56.421 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

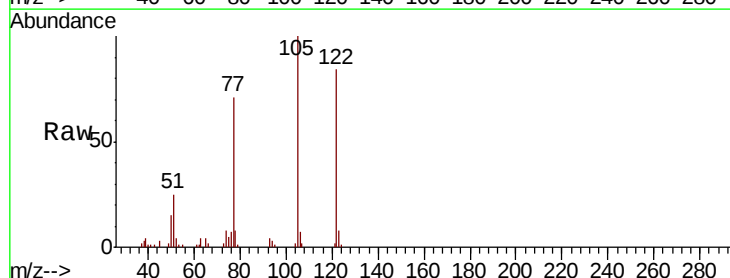
Tgt Ion:122 Resp: 141393

Ion Ratio Lower Upper

122 100

105 119.3 105.8 145.8

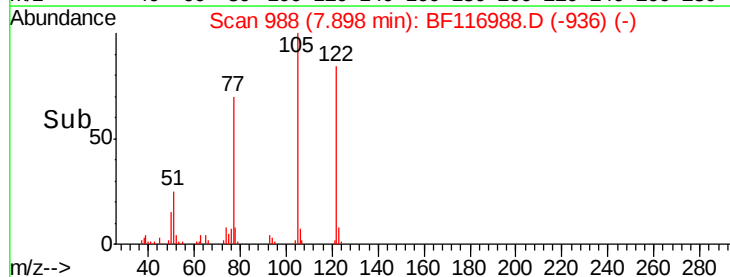
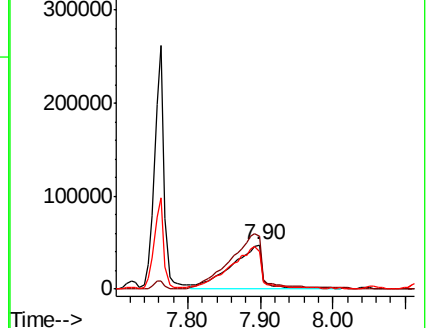
77 85.0 74.3 114.3

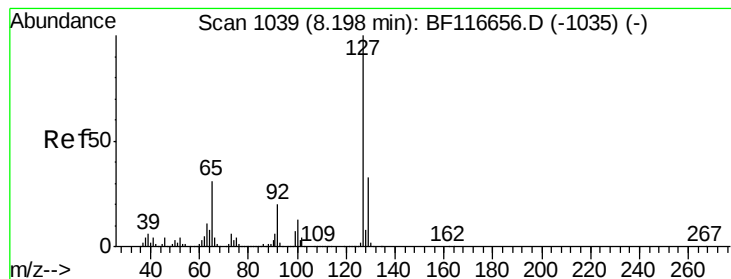


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.460 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 190023

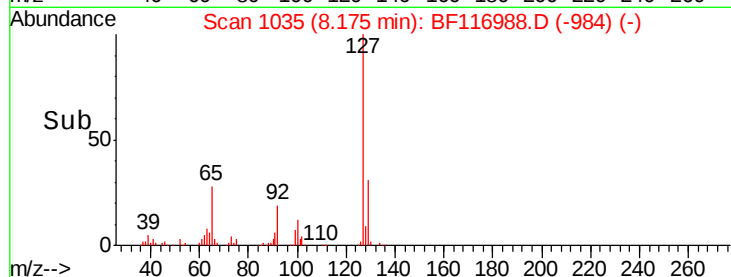
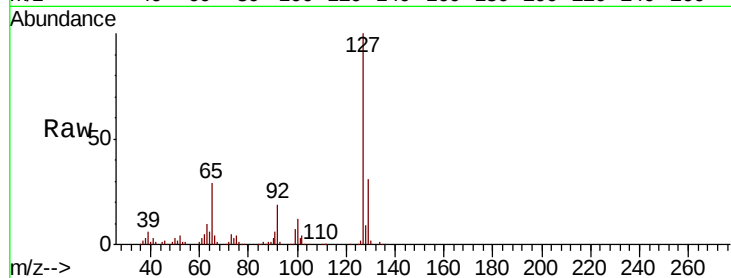
Ion Ratio Lower Upper

127 100

129 30.7 25.8 38.8

65 28.8 25.3 37.9

92 18.7 16.0 24.0

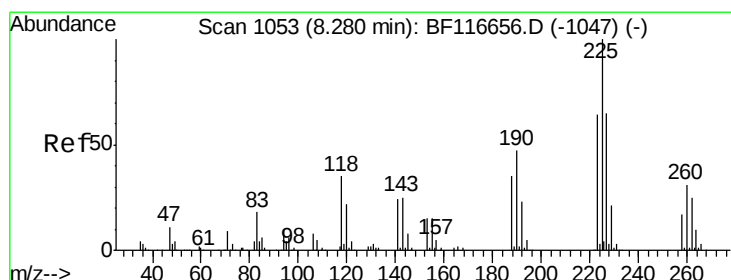
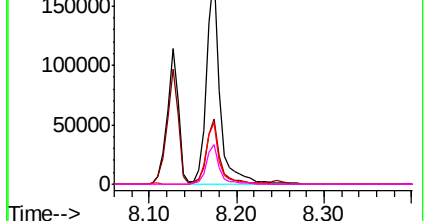


Abundance Ion 127.00 (126.70 to 127.70): E

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: 48.874 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

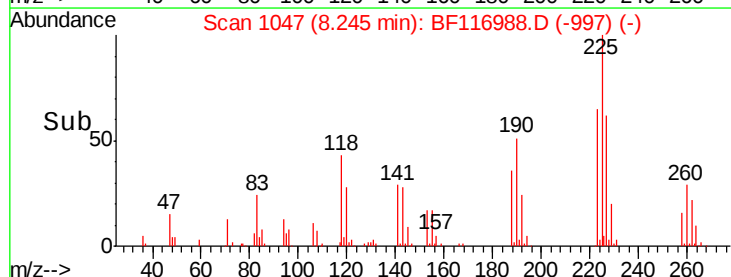
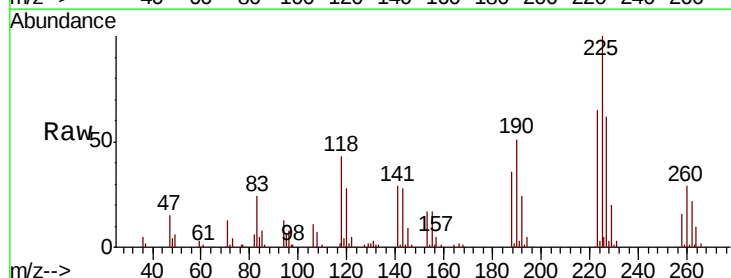
Tgt Ion:225 Resp: 123283

Ion Ratio Lower Upper

225 100

223 64.9 49.8 74.6

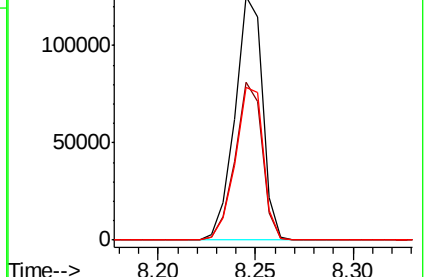
227 62.5 50.6 75.8

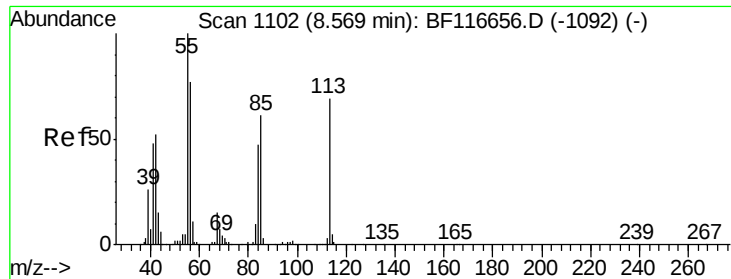


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

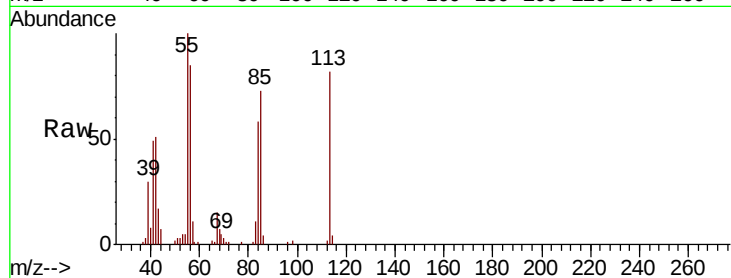




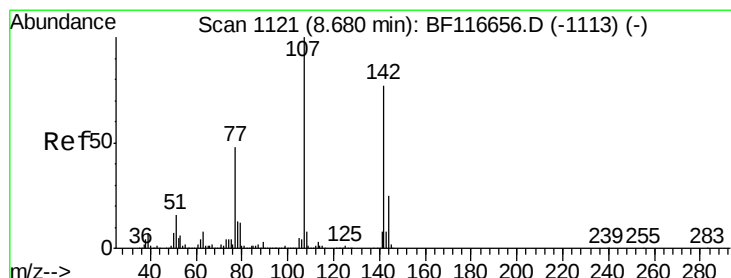
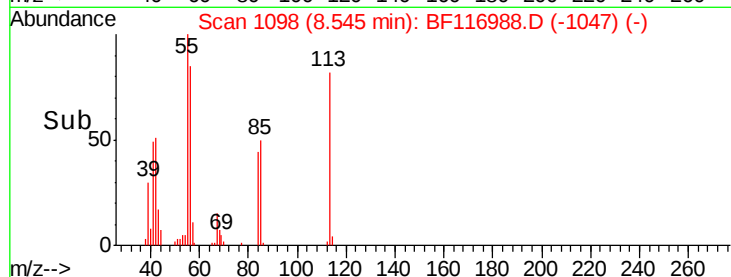
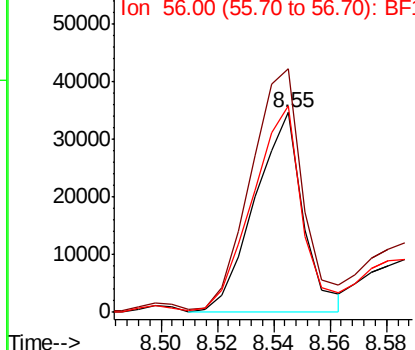
#35
 Caprolactam
 Concen: 25.865 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 41287
 Ion Ratio Lower Upper
 113 100
 55 122.1 116.6 156.6
 56 103.4 91.3 131.3

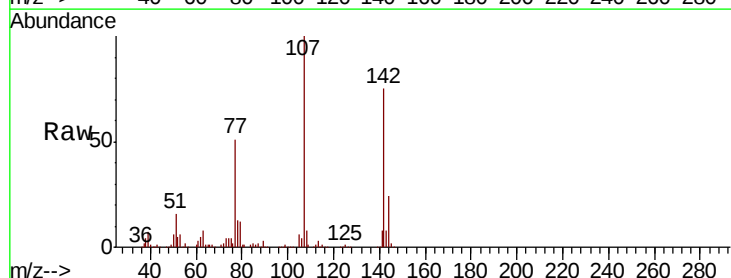


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

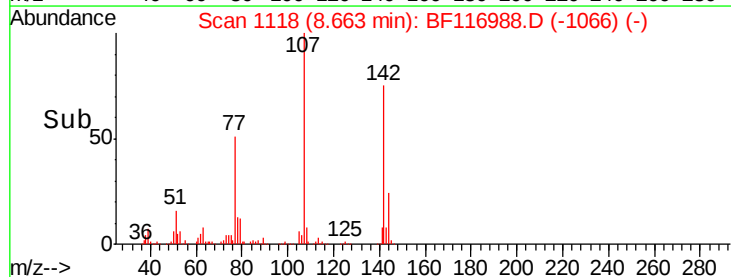
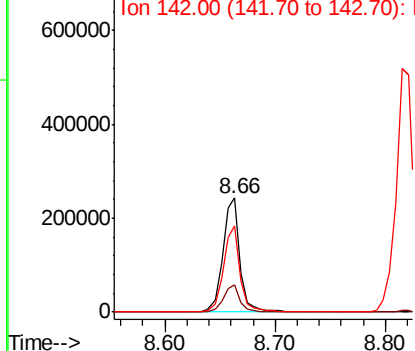


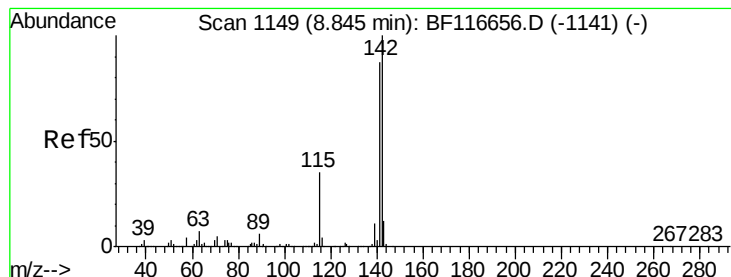
#36
 4-Chloro-3-methylphenol
 Concen: 53.487 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion:107 Resp: 262210
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.6 28.0
 142 75.3 55.9 83.9



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: 51.116 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

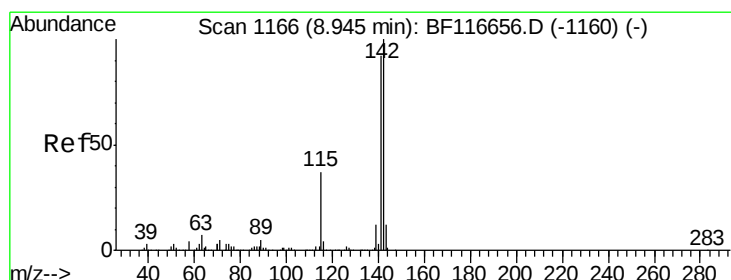
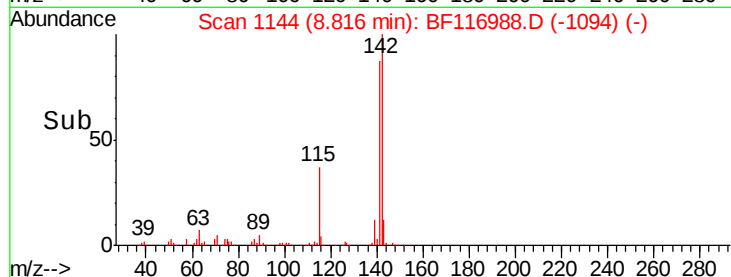
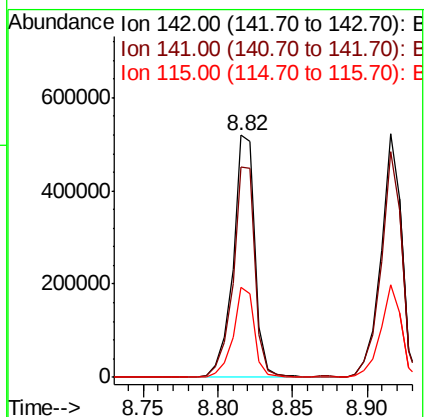
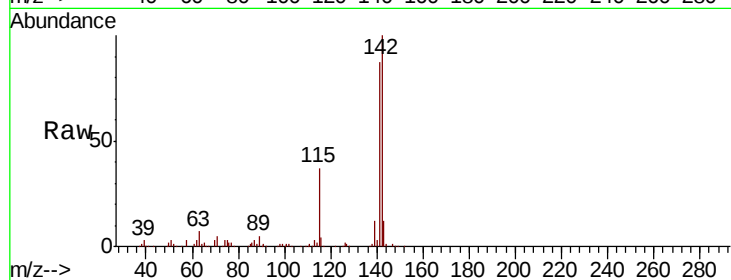
Tot Ion:142 Resp: 536582

Ion Ratio Lower Upper

142 100

141 86.9 70.5 105.7

115 37.1 27.7 41.5



#38

1-Methylnaphthalene

Concen: 49.425 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

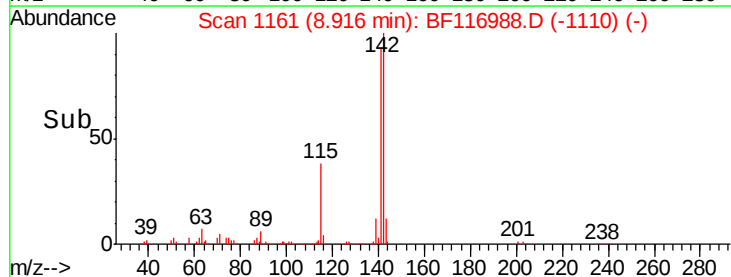
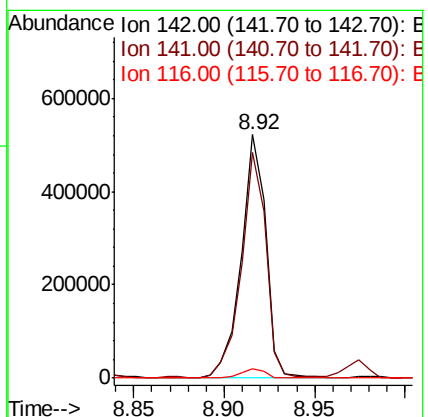
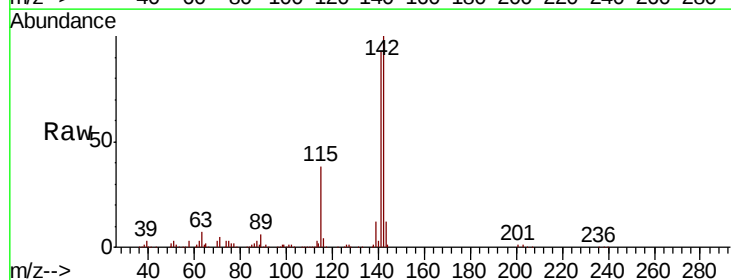
Tgt Ion:142 Resp: 489773

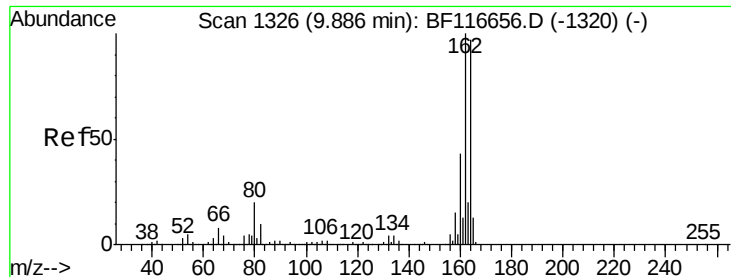
Ion Ratio Lower Upper

142 100

141 92.7 71.9 107.9

116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampled :

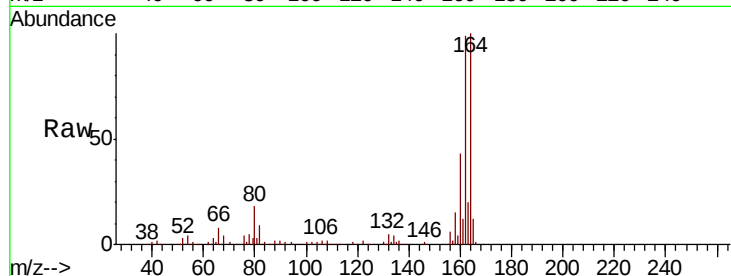
Tot Ion:164 Resp: 176014

Ion Ratio Lower Upper

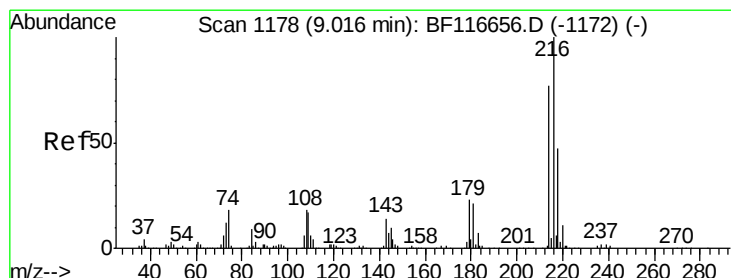
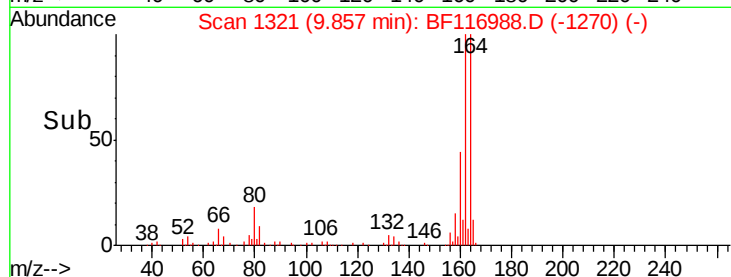
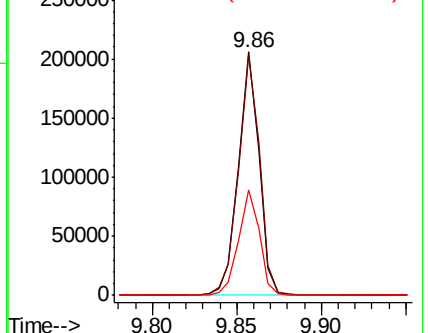
164 100

162 98.6 81.8 122.6

160 43.1 35.7 53.5



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: 47.946 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Tgt Ion:216 Resp: 202303

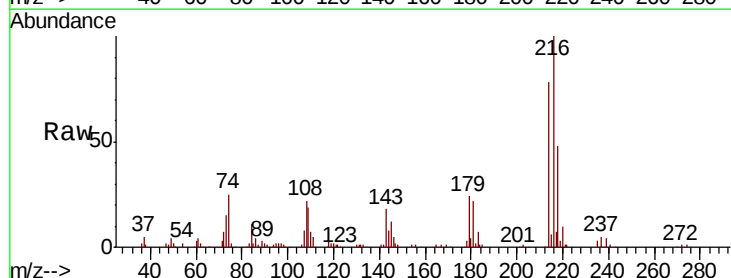
Ion Ratio Lower Upper

216 100

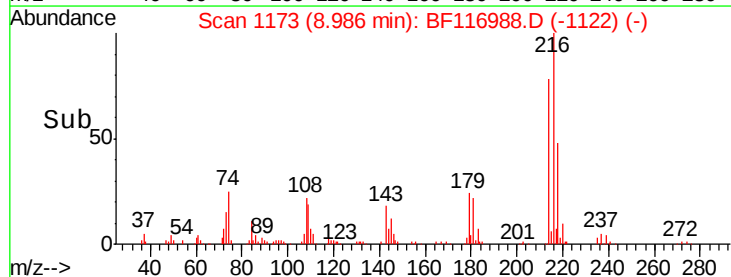
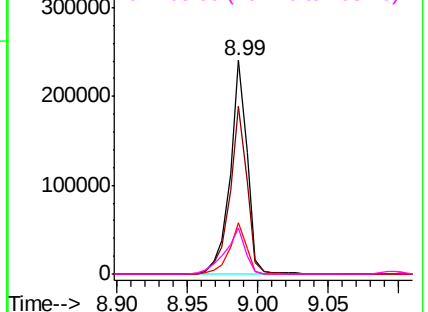
214 79.4 63.4 95.2

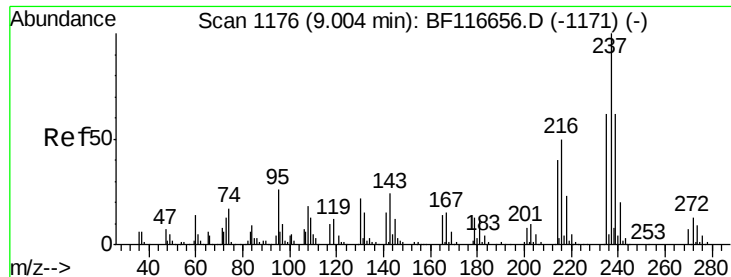
179 23.7 19.3 28.9

108 25.8 18.7 28.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.930 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

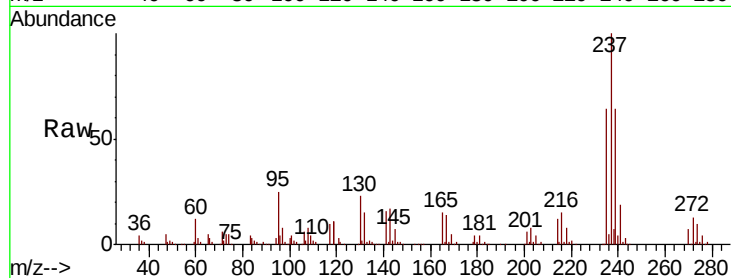
Tot Ion:237 Resp: 219119

Ion Ratio Lower Upper

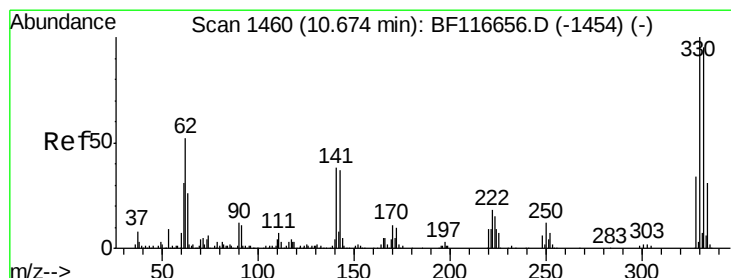
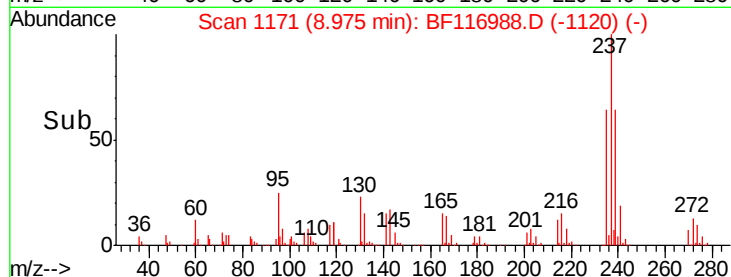
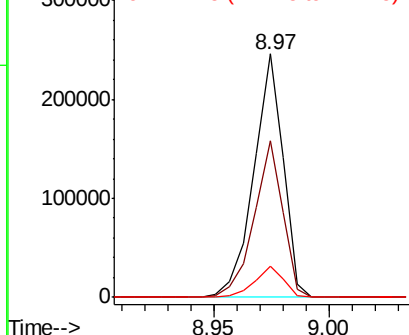
237 100

235 64.2 45.8 85.8

272 12.7 0.0 33.4



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: 154.337 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

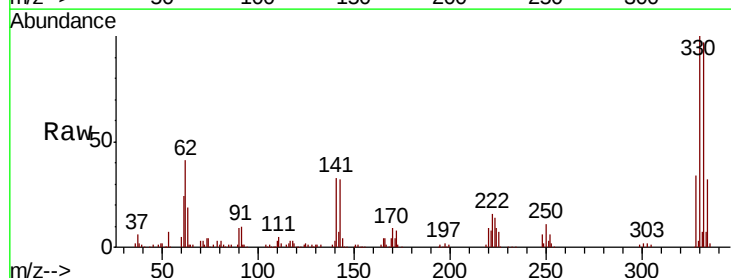
Tgt Ion:330 Resp: 181607

Ion Ratio Lower Upper

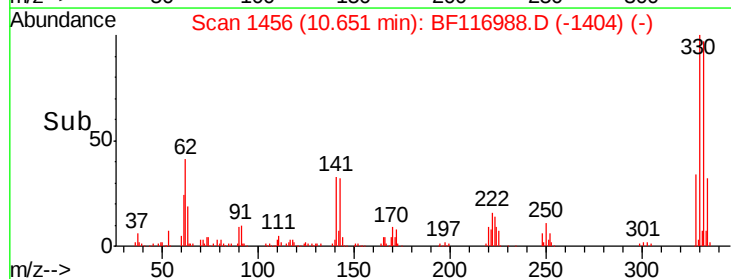
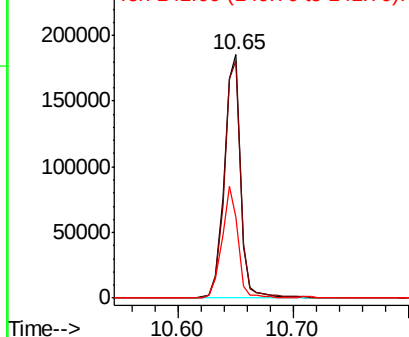
330 100

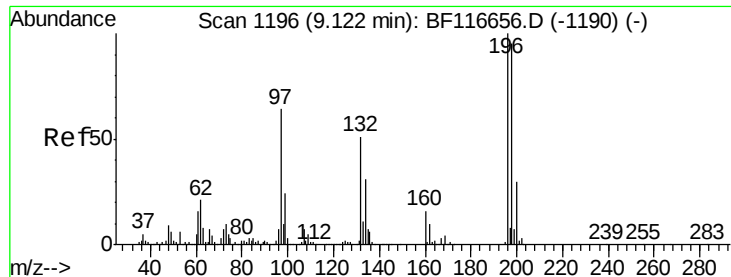
332 98.4 75.9 113.9

141 44.8 35.6 53.4



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

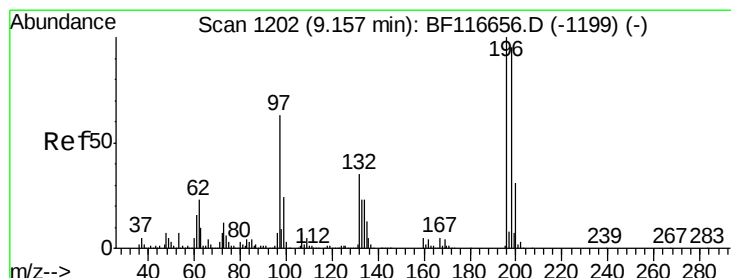
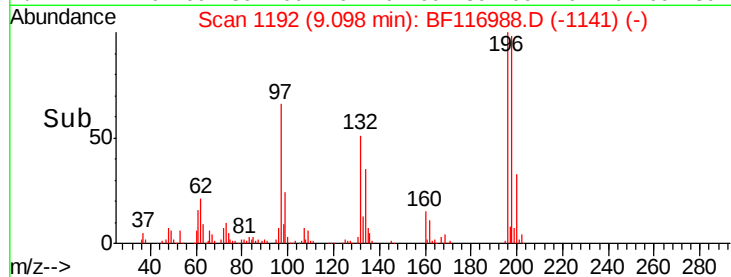
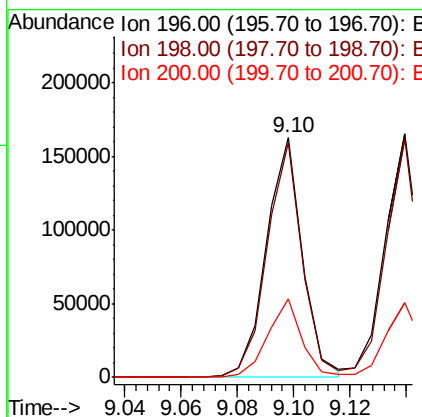
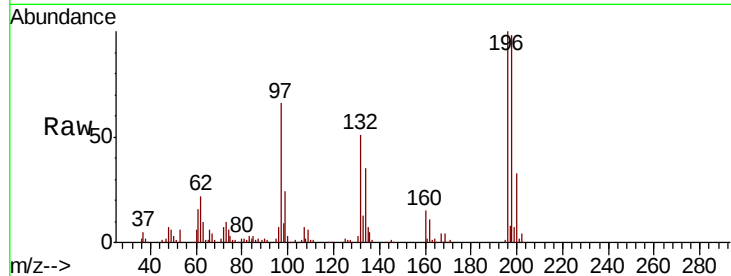




#43
 2,4,6-Trichlorophenol
 Concen: 49.819 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

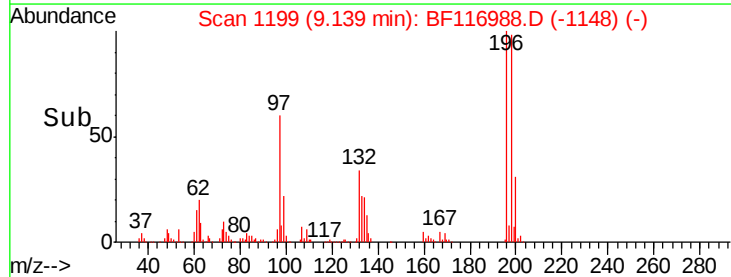
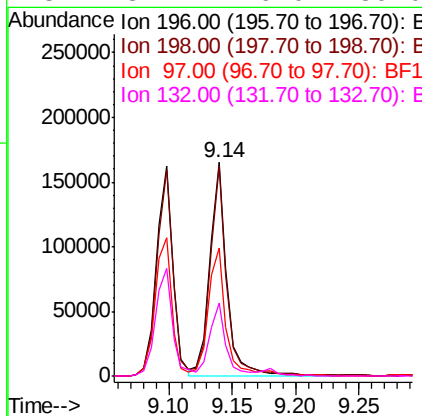
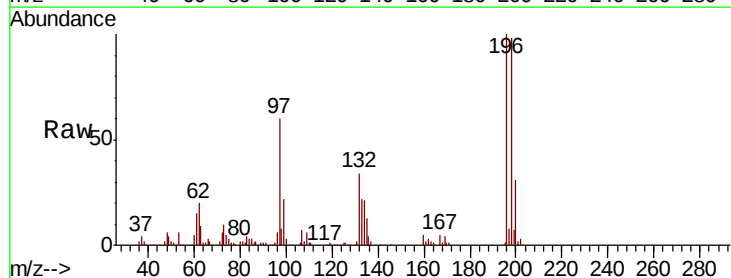
Instrument :
 BNA_F
 ClientSampleId :

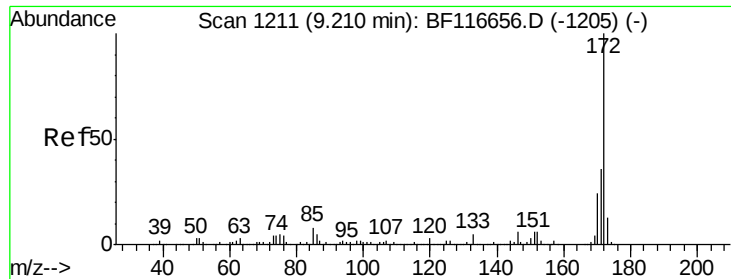
Tot Ion:196	Resp:	144096
Ion Ratio	Lower	Upper
196	100	
198	98.1	77.4 116.0
200	32.5	24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 52.596 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion:196	Resp:	157934
Ion Ratio	Lower	Upper
196	100	
198	98.2	74.7 112.1
97	59.7	45.4 68.0
132	34.1	26.0 39.0

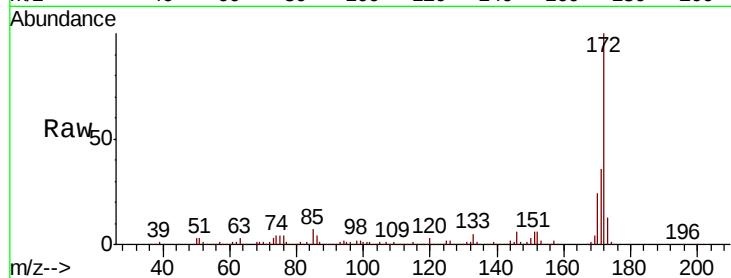




#45
 2-Fluorobiphenyl
 Concen: 81.819 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.7	19.2	28.8

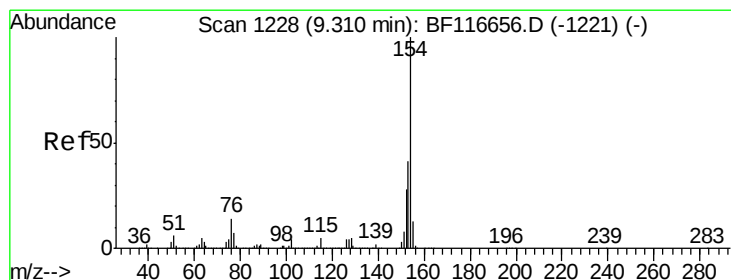
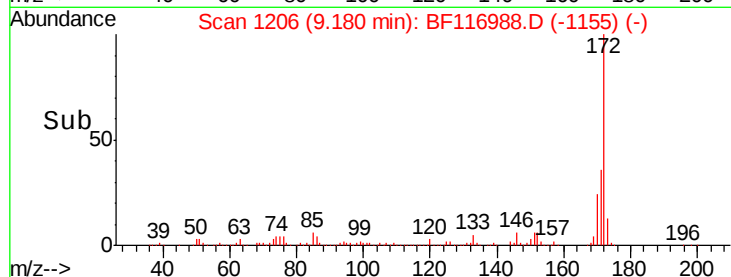
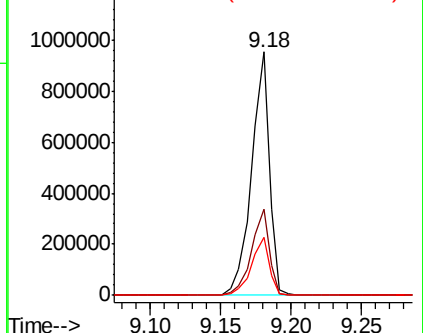


Abundance

Ion 172.00 (171.70 to 172.70): E

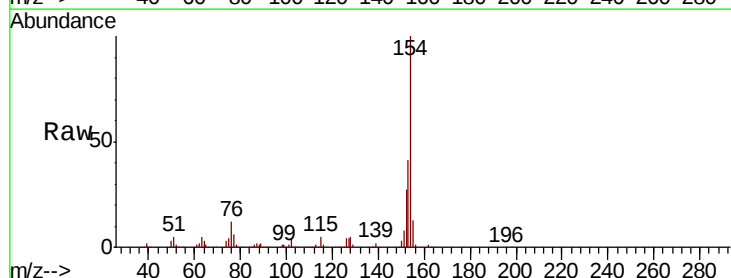
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 46.659 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	12.2	0.0	32.8

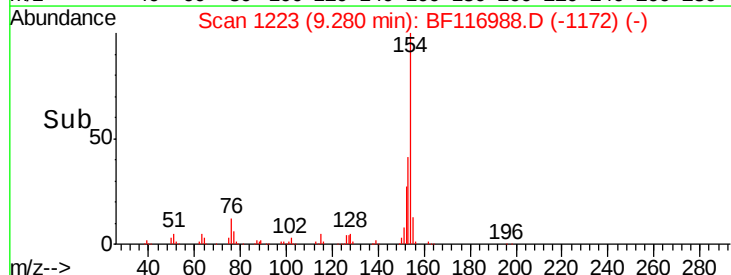
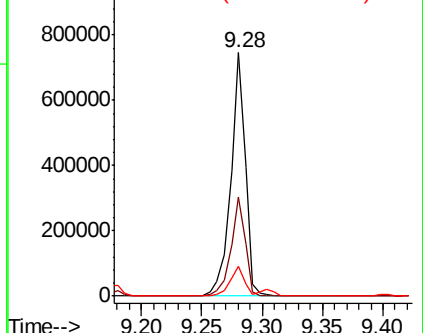


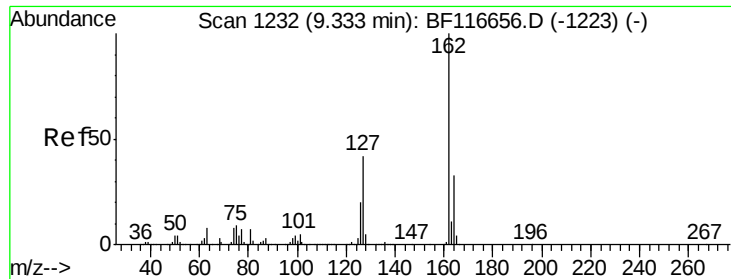
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

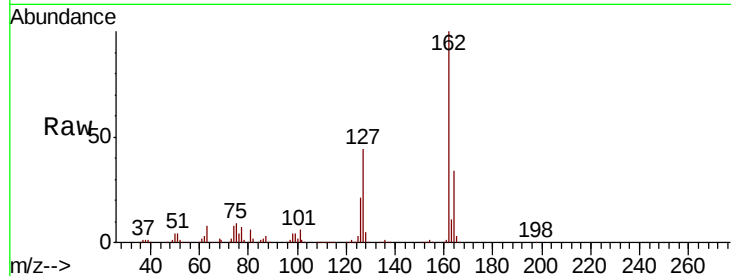




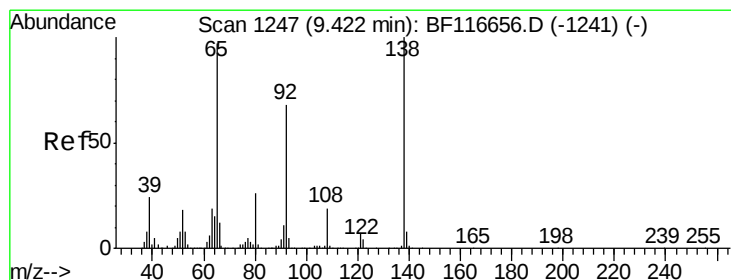
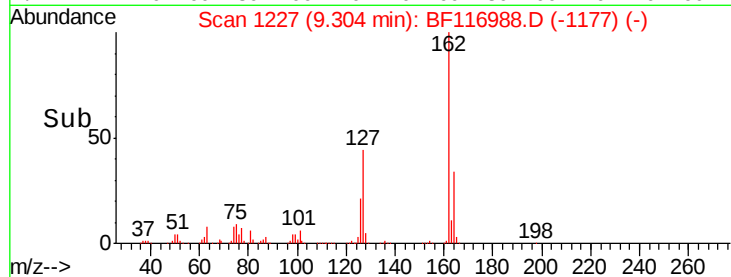
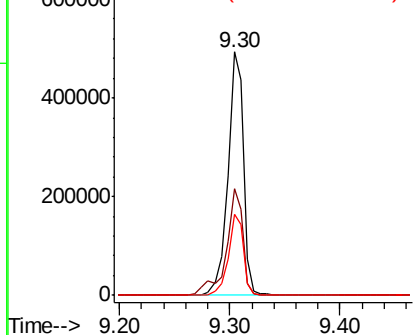
#47
2-Chloronaphthalene
Concen: 45.963 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.9	32.7	49.1
164	33.5	27.0	40.4

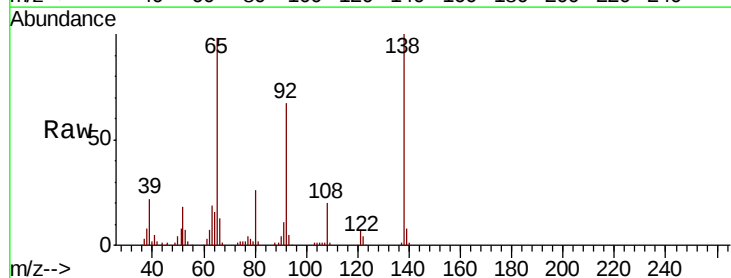


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

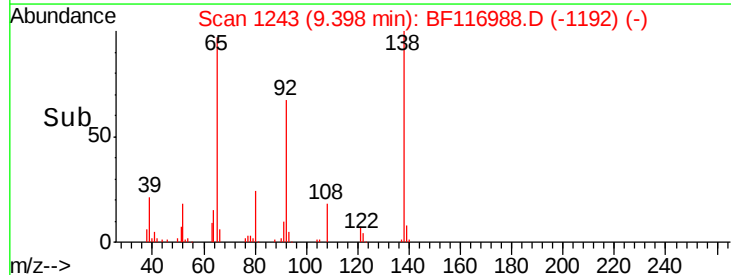
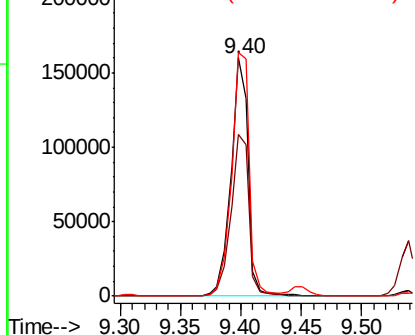


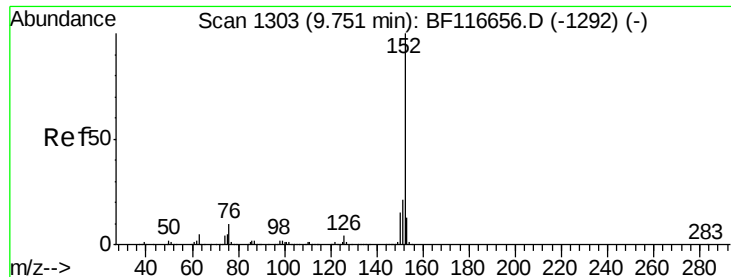
#48
2-Nitroaniline
Concen: 51.804 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	59.0	88.6
138	102.2	84.2	126.2



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





#49

Acenaphthylene

Concen: 48.033 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

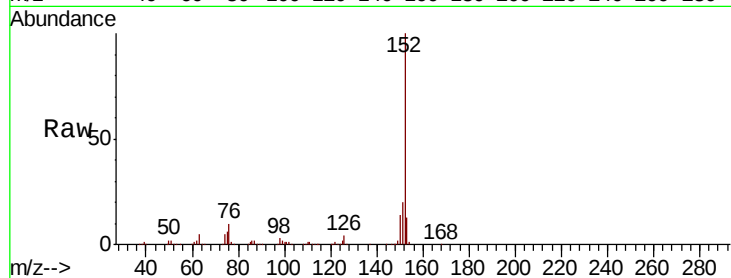
Tot Ion:152 Resp: 768084

Ion Ratio Lower Upper

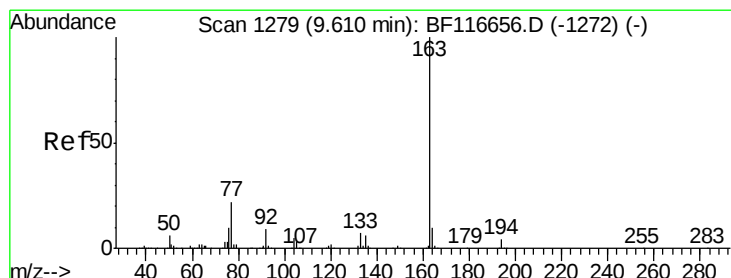
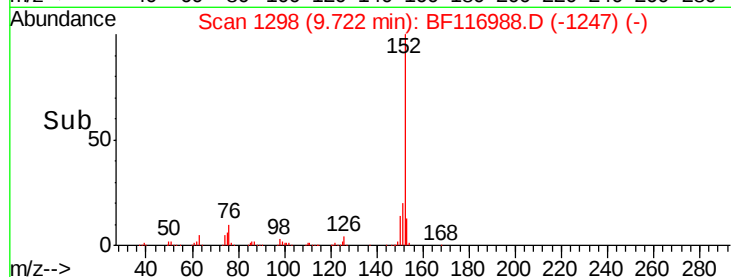
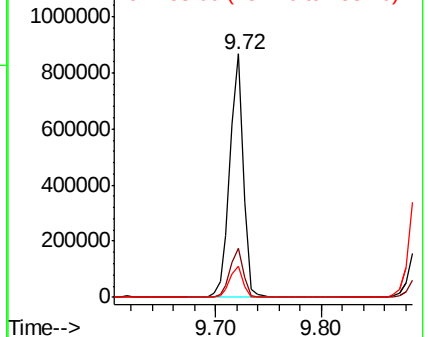
152 100

151 20.2 16.1 24.1

153 13.0 10.3 15.5



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: 46.638 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

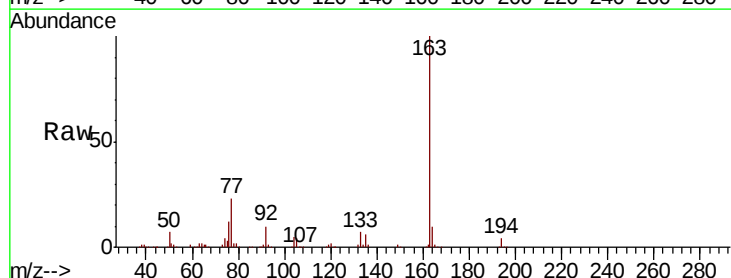
Tgt Ion:163 Resp: 566741

Ion Ratio Lower Upper

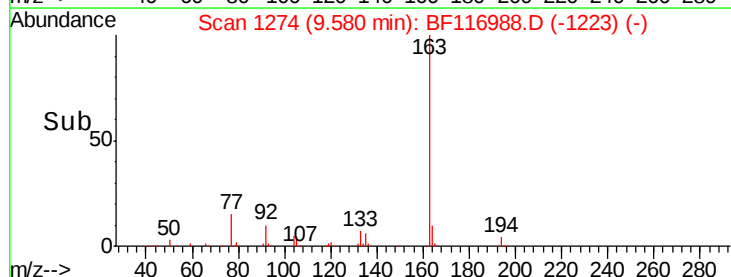
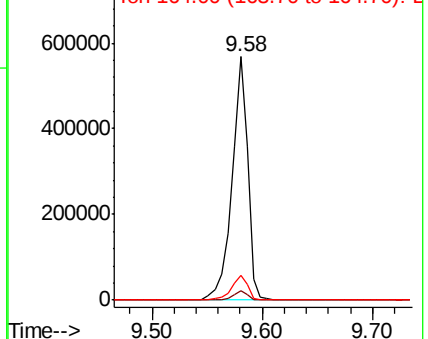
163 100

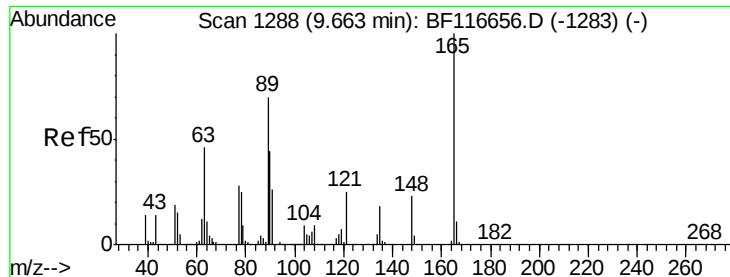
194 3.6 2.7 4.1

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 55.058 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

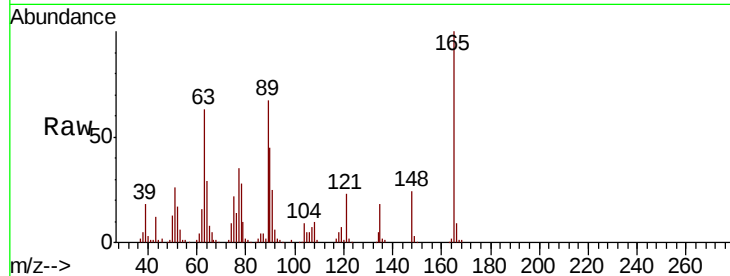
Tot Ion:165 Resp: 127652

Ion Ratio Lower Upper

165 100

63 63.3 38.0 57.0#

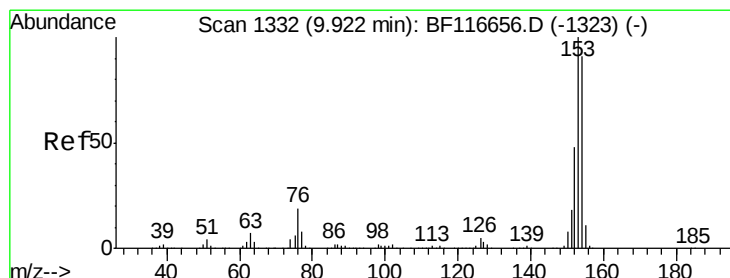
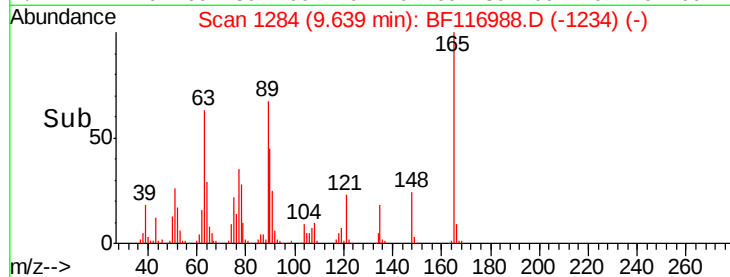
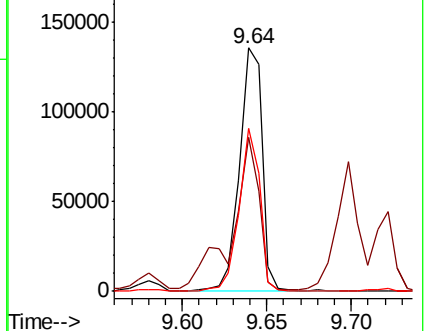
89 67.2 44.1 66.1#



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



#52

Acenaphthene

Concen: 45.585 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

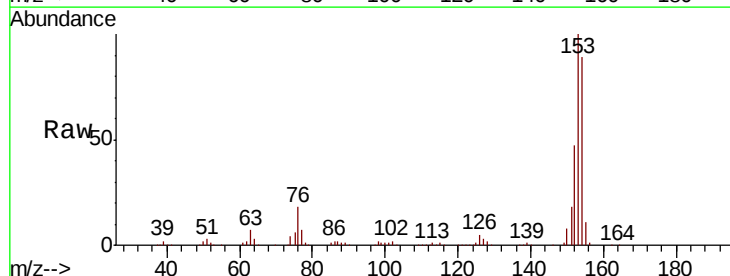
Tgt Ion:154 Resp: 447888

Ion Ratio Lower Upper

154 100

153 112.2 89.9 134.9

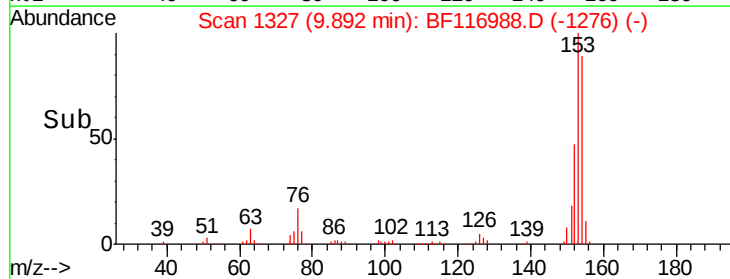
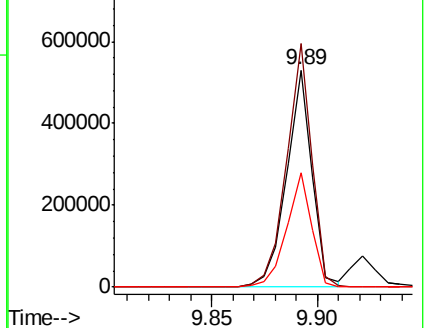
152 52.9 42.6 63.8

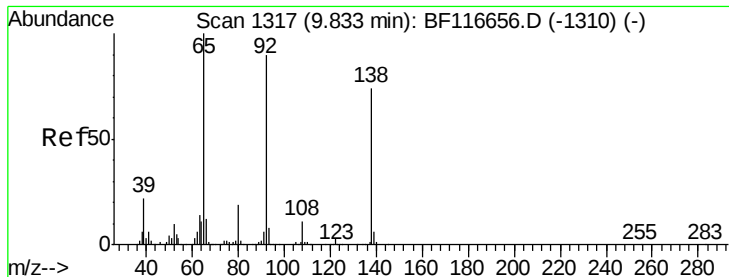


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

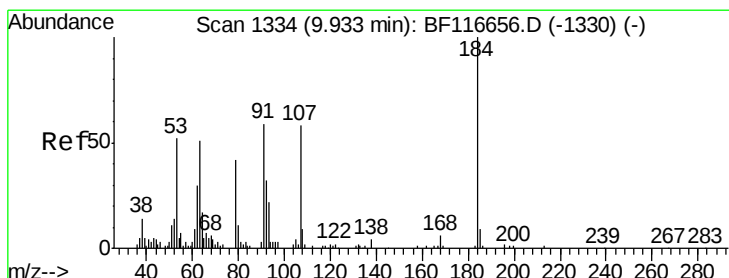
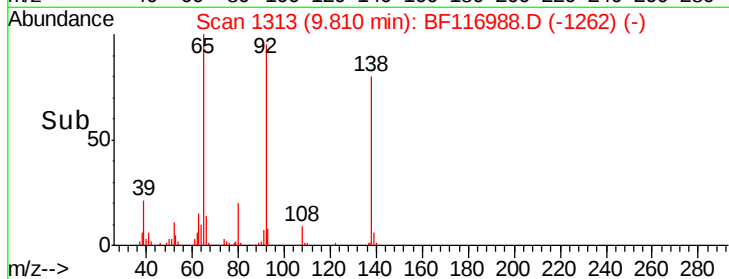
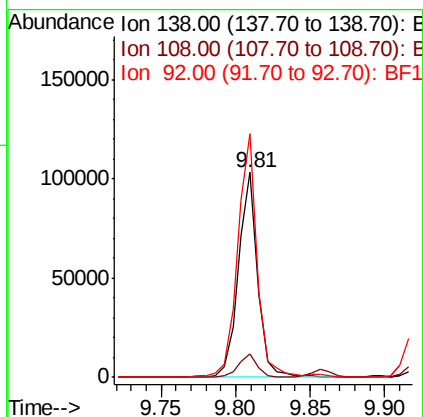
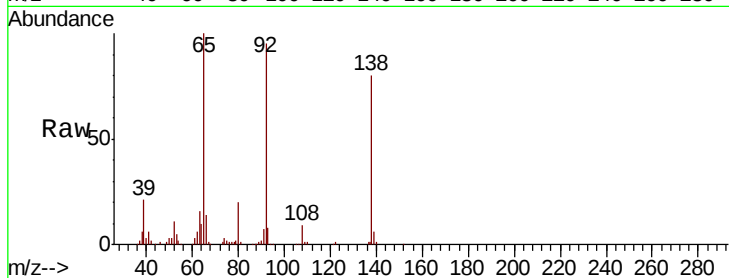




#53
3-Nitroaniline
Concen: 32.100 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

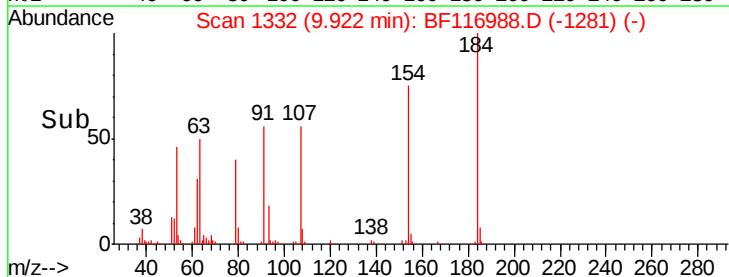
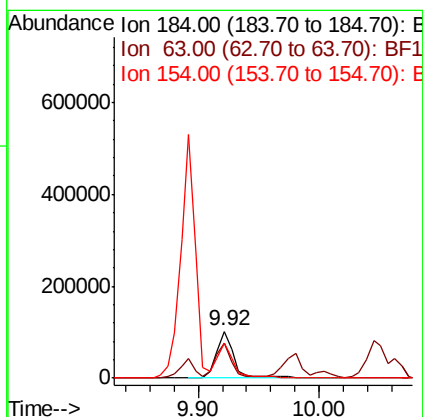
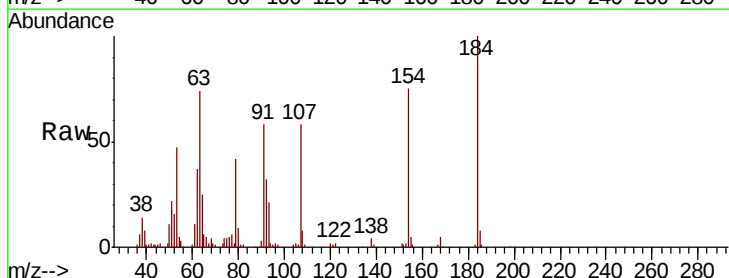
Instrument :
BNA_F
ClientSampleId :

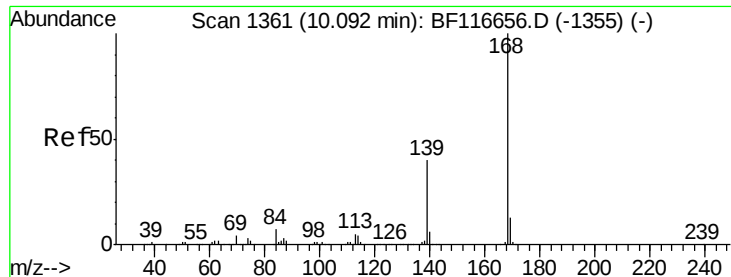
Tot Ion:138 Resp: 93268
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 118.7 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 116.199 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:184 Resp: 99388
Ion Ratio Lower Upper
184 100
63 73.9 49.0 73.4#
154 74.8 58.3 87.5

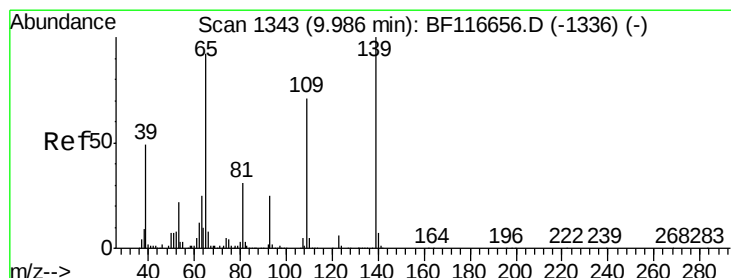
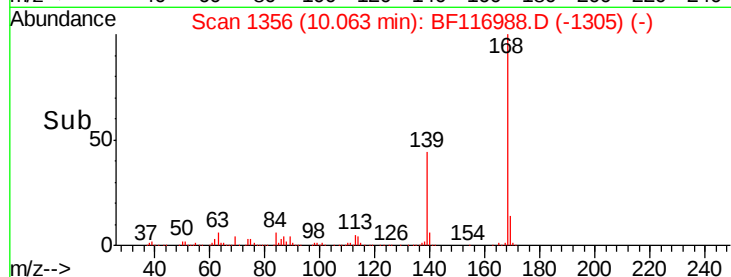
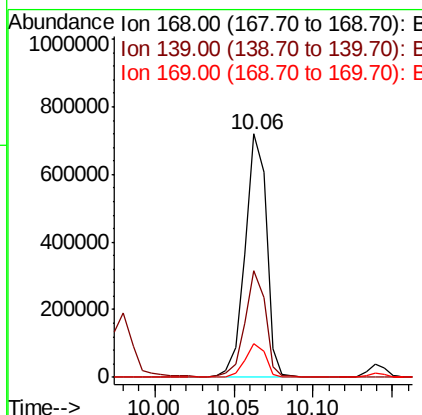
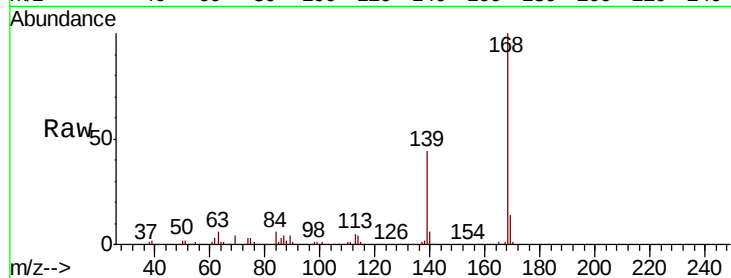




#55
Dibenzofuran
Concen: 48.773 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

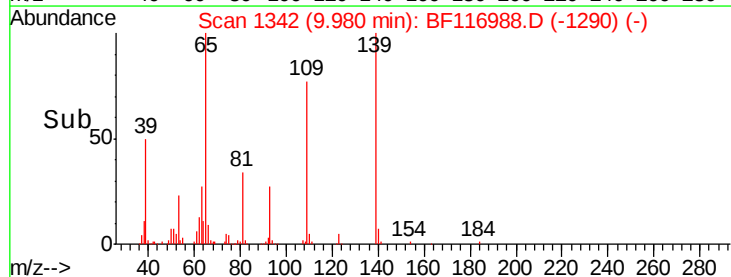
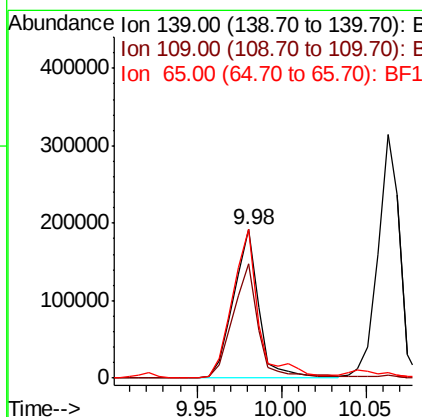
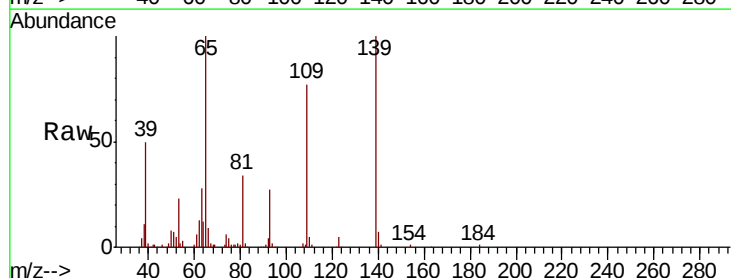
Instrument :
BNA_F
ClientSampleId :

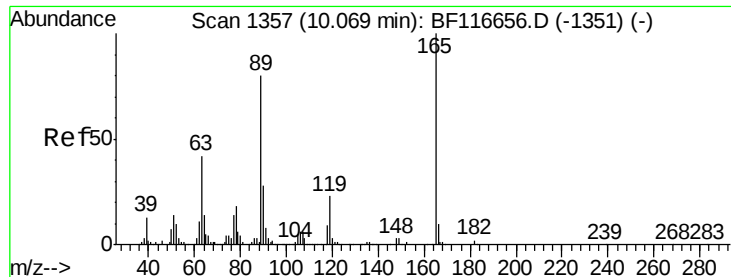
Tot Ion:168 Resp: 675557
Ion Ratio Lower Upper
168 100
139 43.7 34.2 51.4
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 101.466 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:139 Resp: 202149
Ion Ratio Lower Upper
139 100
109 76.9 54.0 94.0
65 100.0 74.0 114.0

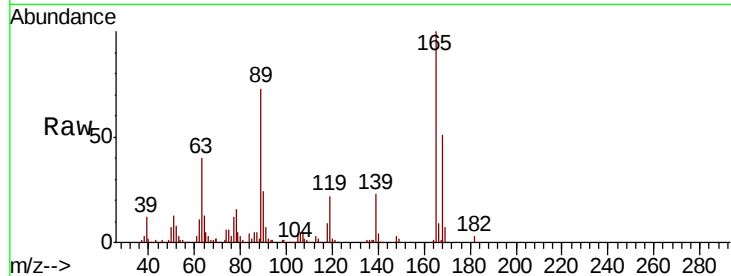




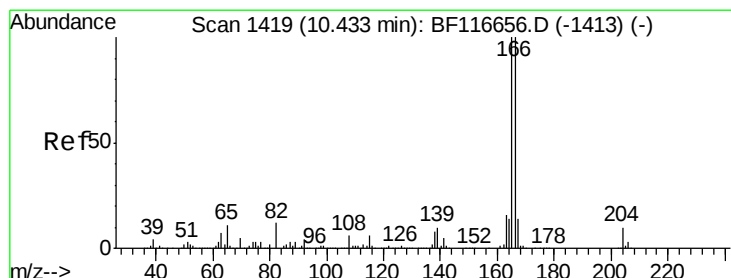
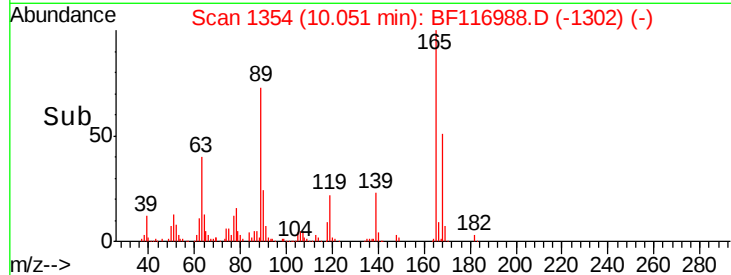
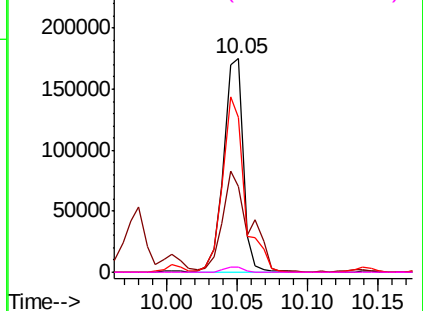
#57
2,4-Dinitrotoluene
Concen: 59.877 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 169749
Ion Ratio Lower Upper
165 100
63 40.1 36.2 54.2
89 72.6 66.1 99.1
182 2.6 1.8 2.8

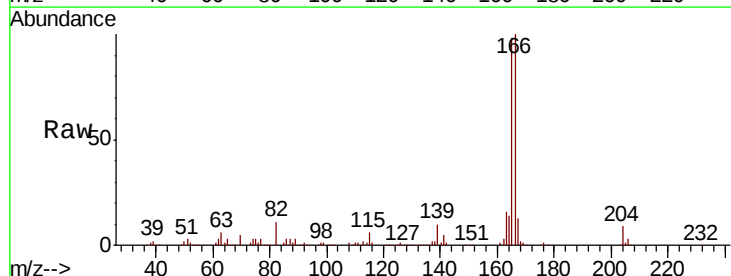


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

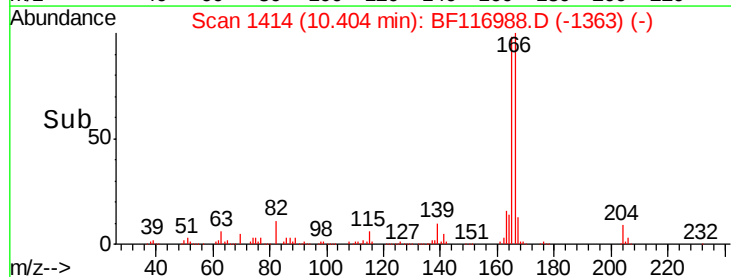
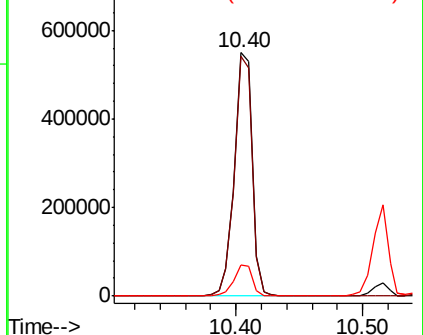


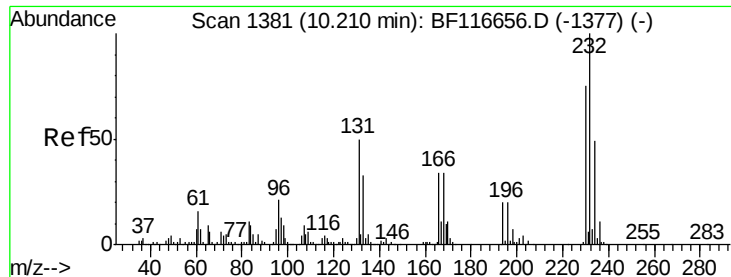
#58
Fluorene
Concen: 50.308 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:166 Resp: 530947
Ion Ratio Lower Upper
166 100
165 98.3 77.0 115.6
167 12.9 10.7 16.1



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

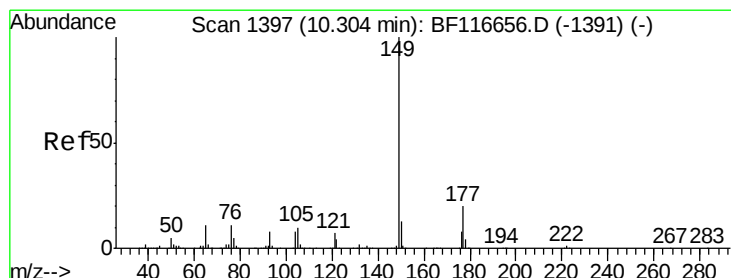
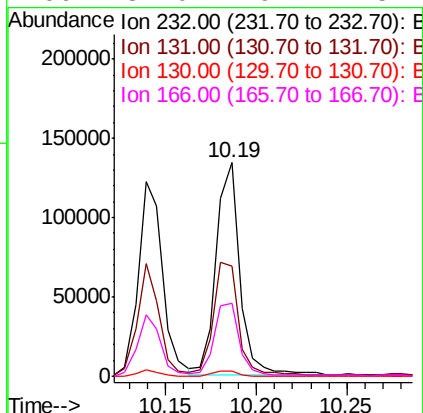
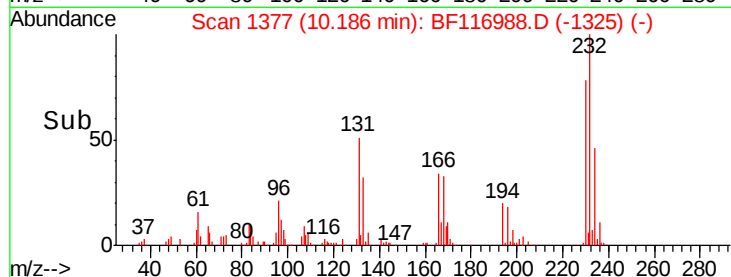
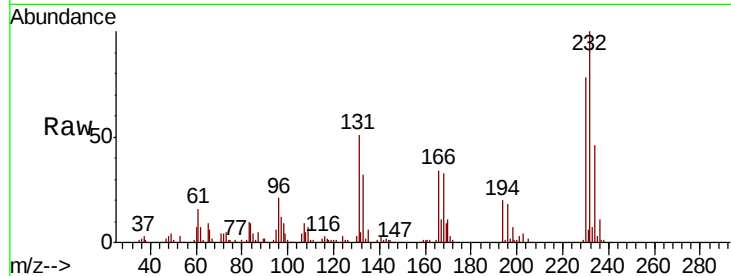




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.173 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

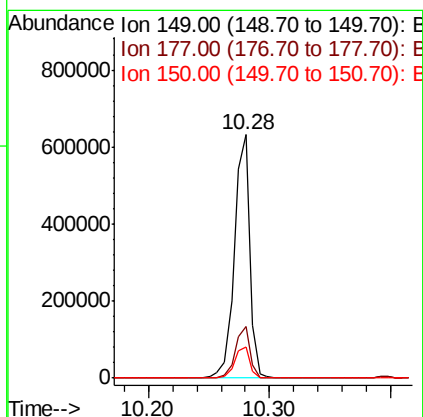
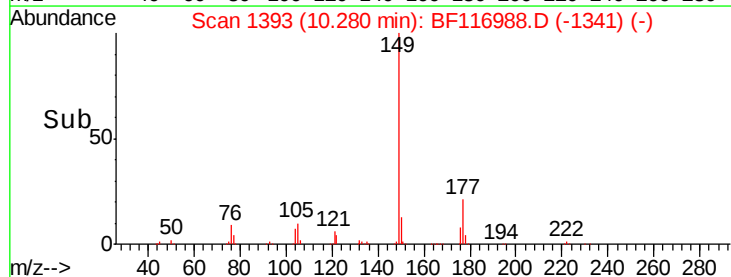
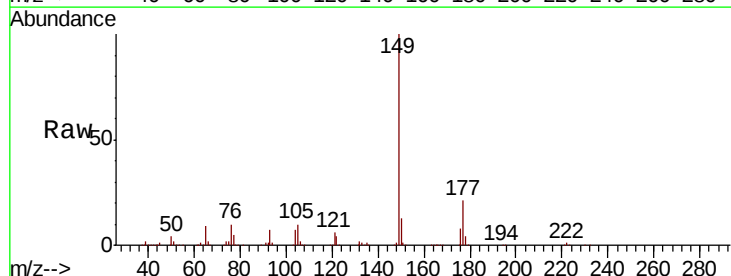
Instrument :
BNA_F
ClientSampleId :

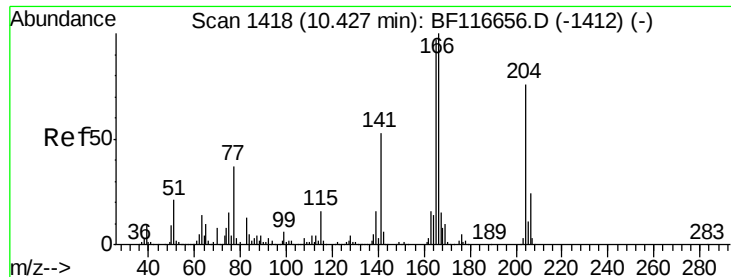
Tot Ion:232	Resp:	121736
Ion Ratio	Lower	Upper
232	100	
131	57.0	46.1 69.1
130	2.6	2.2 3.4
166	37.0	29.1 43.7



#60
Diethylphthalate
Concen: 46.222 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:149	Resp:	562638
Ion Ratio	Lower	Upper
149	100	
177	21.1	15.9 23.9
150	12.6	10.0 15.0

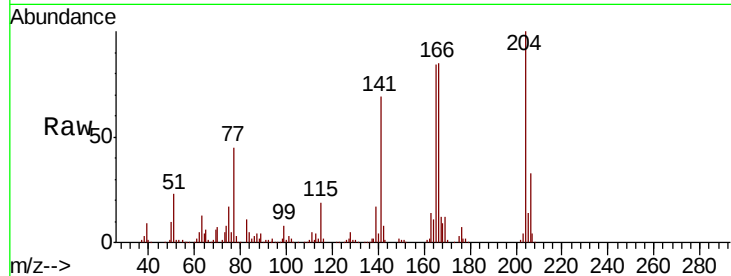




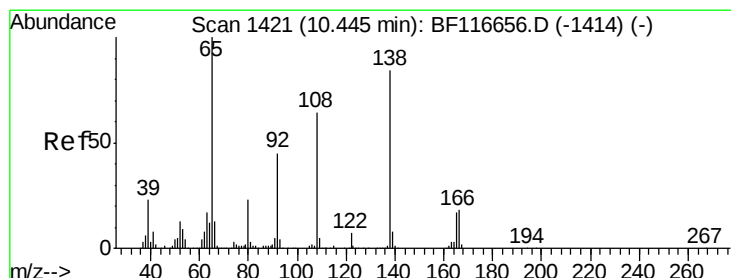
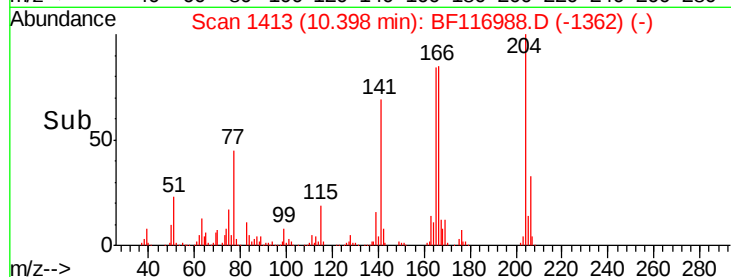
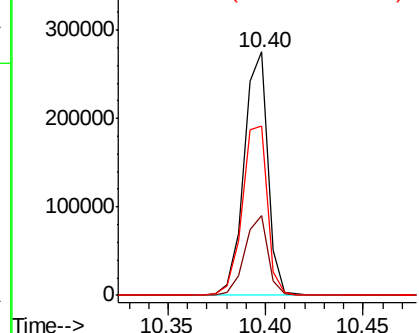
#61
4-Chlorophenyl-phenylether
Concen: 50.276 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 232353
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 69.4 58.0 87.0

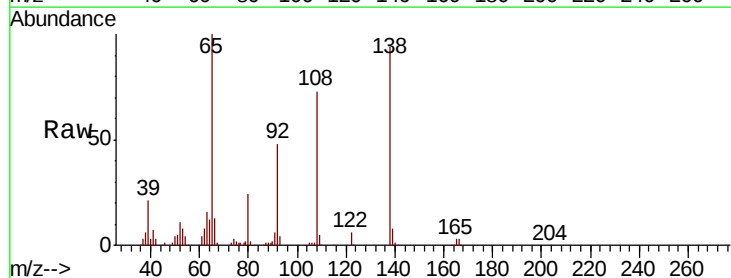


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

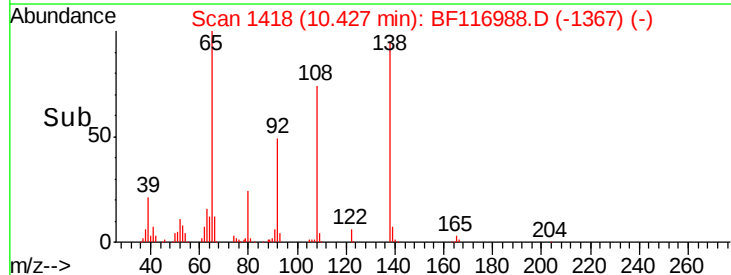
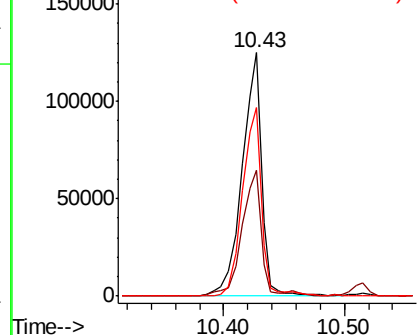


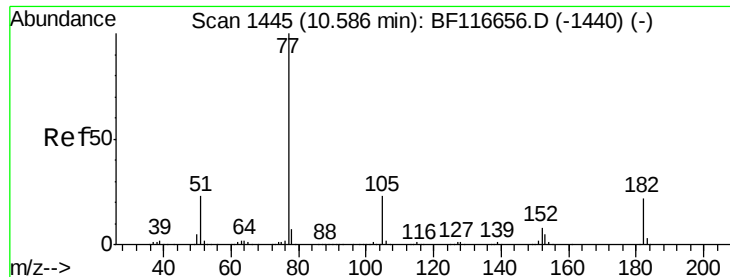
#62
4-Nitroaniline
Concen: 50.435 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:138 Resp: 142213
Ion Ratio Lower Upper
138 100
92 51.5 31.0 71.0
108 77.6 59.1 99.1



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

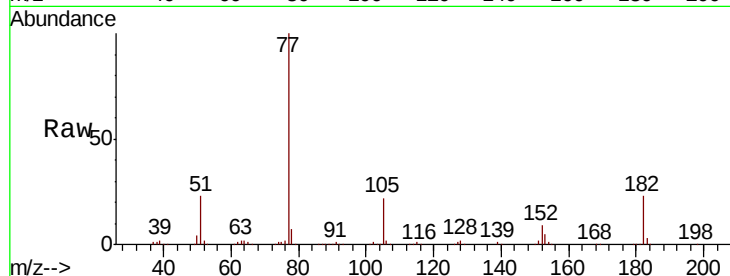




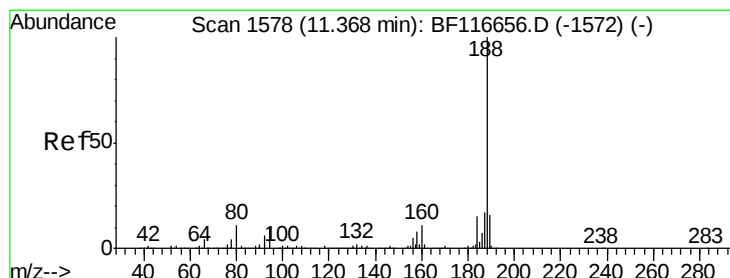
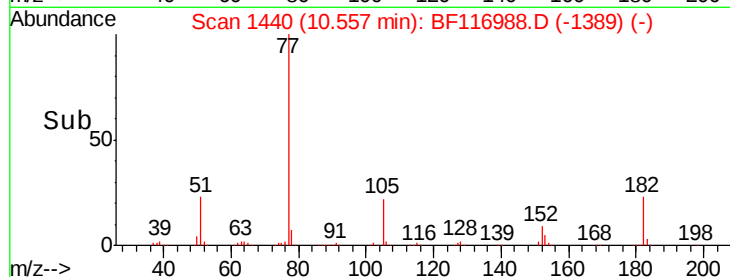
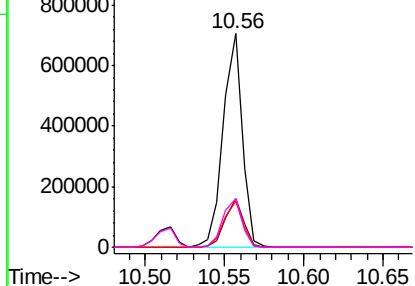
#63
Azobenzene
Concen: 46.483 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	589993
Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.9	41.9
105	21.8	1.5	41.5
51	23.0	3.6	43.6

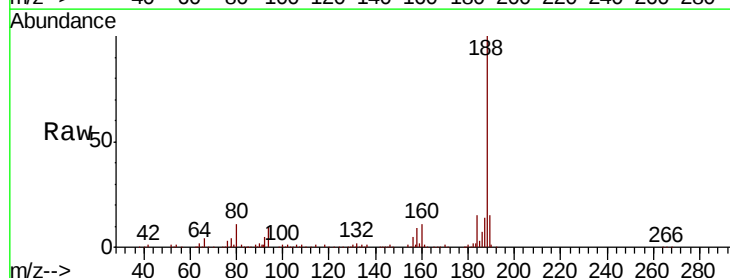


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

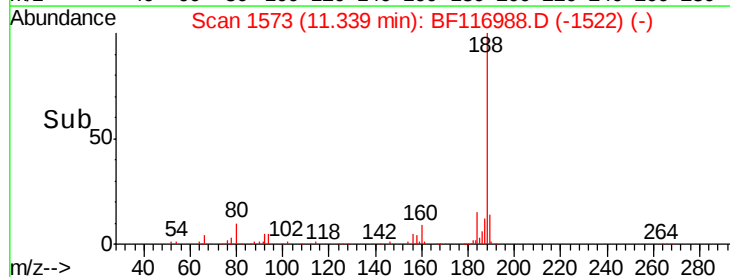
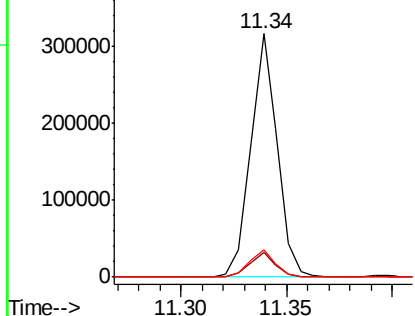


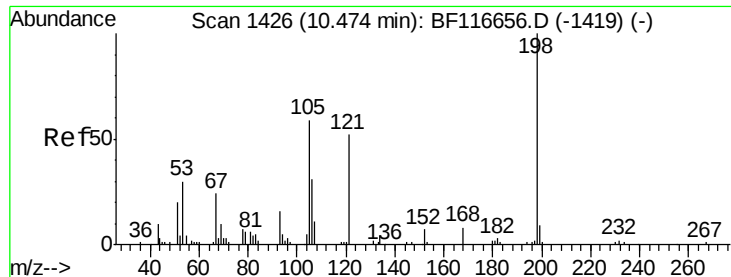
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:	188	Resp:	276172
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.2
80	11.0	8.5	12.7



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

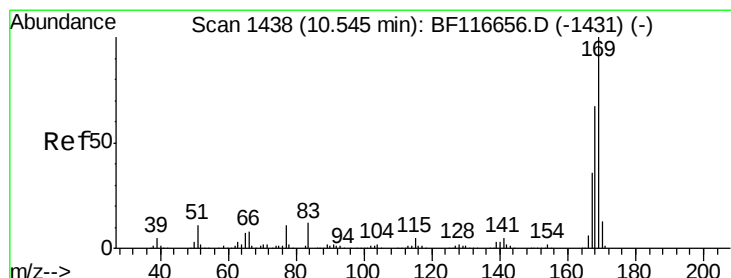
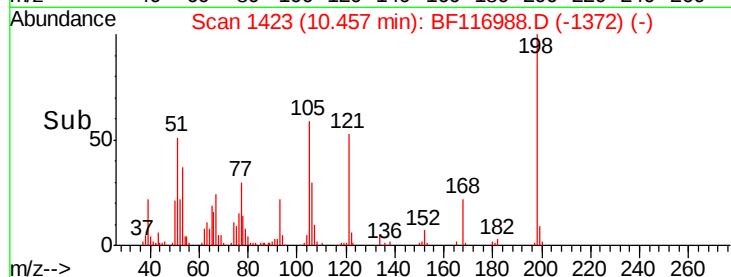
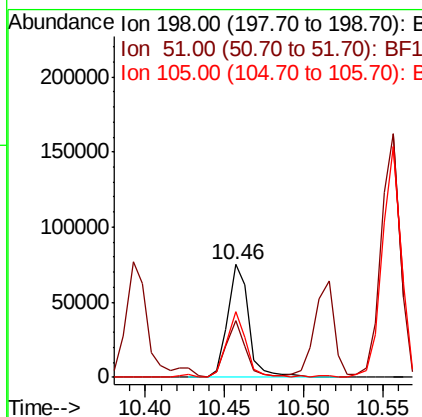
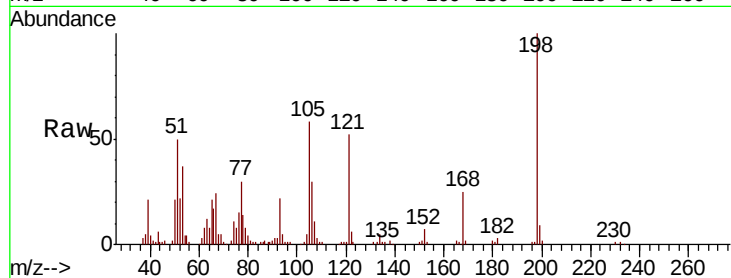




#65
4,6-Dinitro-2-methylphenol
Concen: 65.832 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

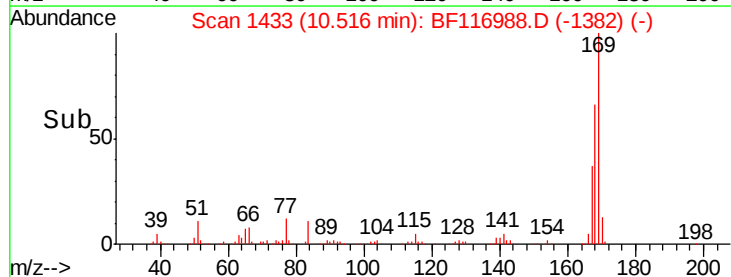
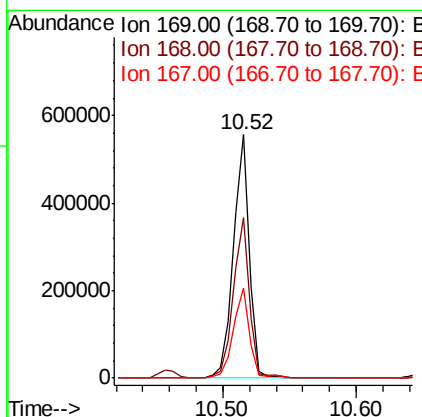
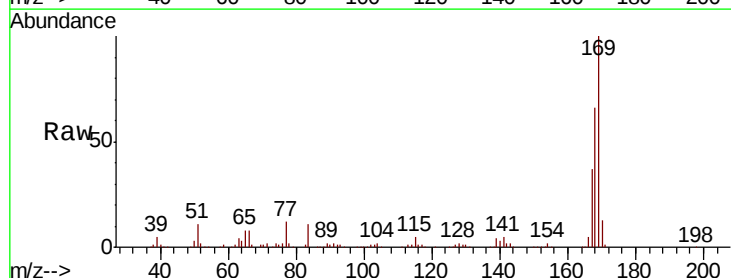
Instrument :
BNA_F
ClientSampled :

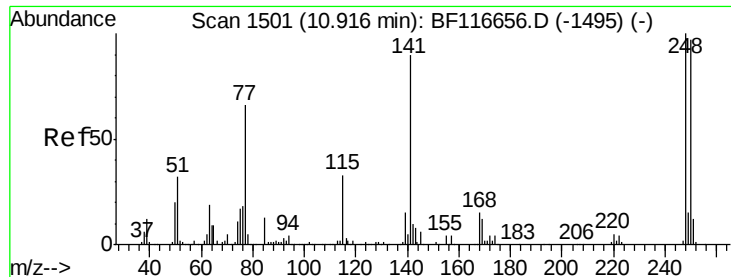
Tot Ion:198 Resp: 70292
Ion Ratio Lower Upper
198 100
51 50.3 26.3 66.3
105 58.1 40.0 80.0



#66
n-Nitrosodiphenylamine
Concen: 49.050 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:169 Resp: 468611
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 37.0 28.7 43.1

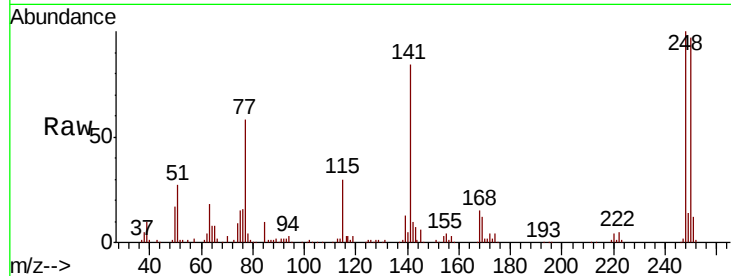




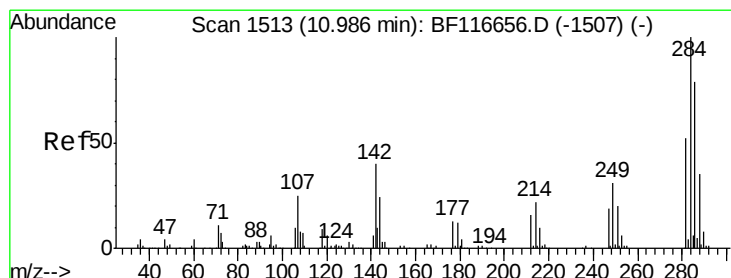
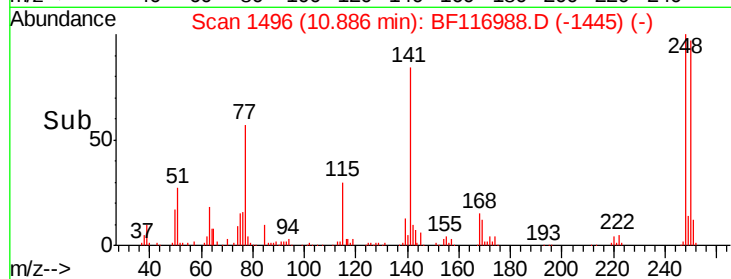
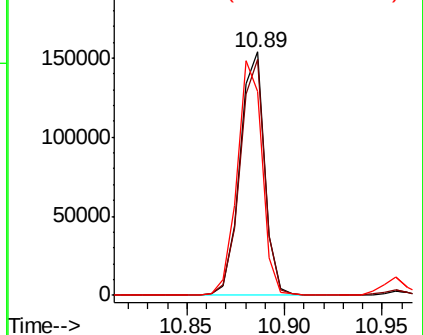
#67
4-Bromophenyl-phenylether
Concen: 48.084 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 134901
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 83.8 70.2 105.2

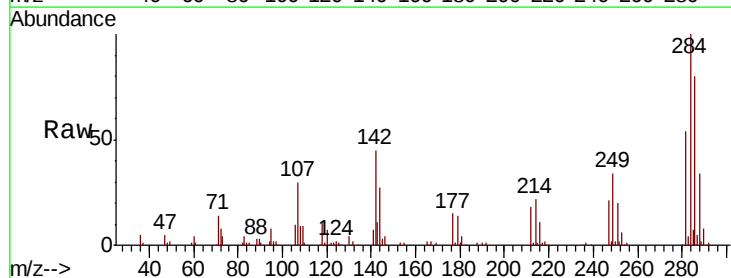


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

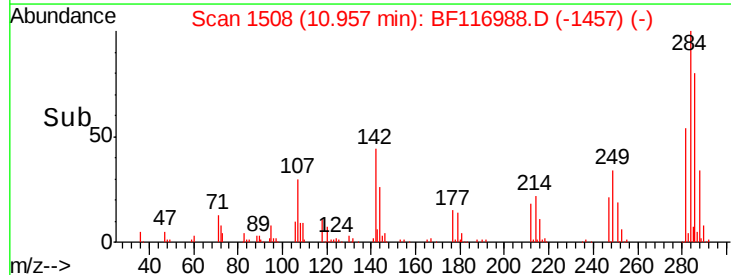
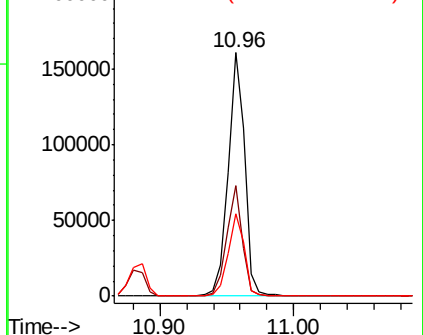


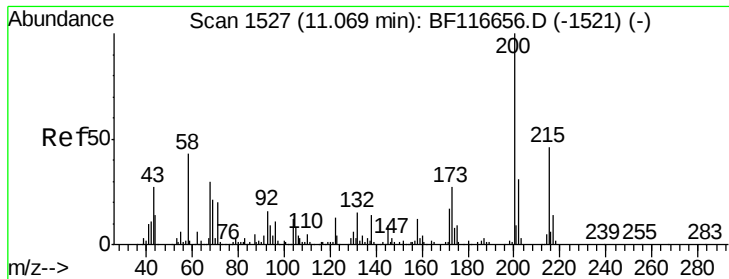
#68
Hexachlorobenzene
Concen: 48.112 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:284 Resp: 141225
Ion Ratio Lower Upper
284 100
142 45.5 37.2 55.8
249 34.0 25.9 38.9



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

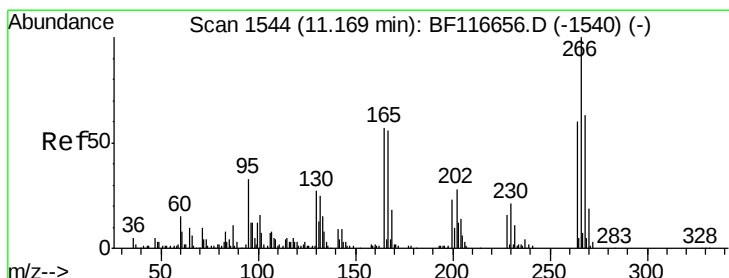
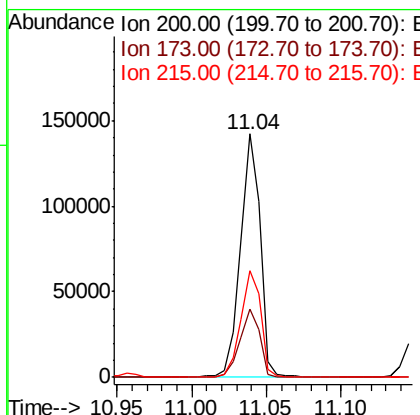
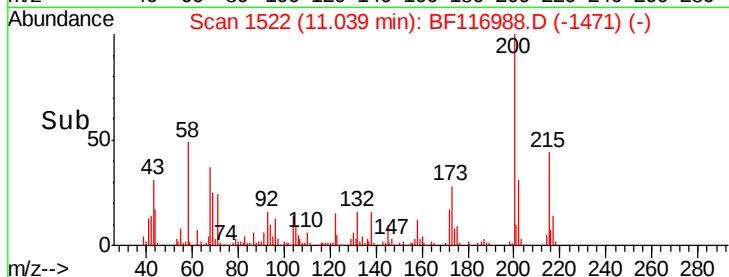
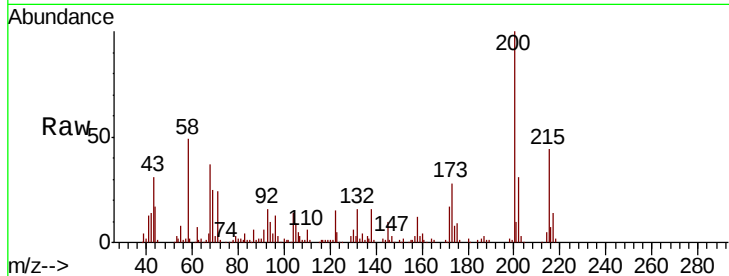




#69
Atrazine
Concen: 48.981 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

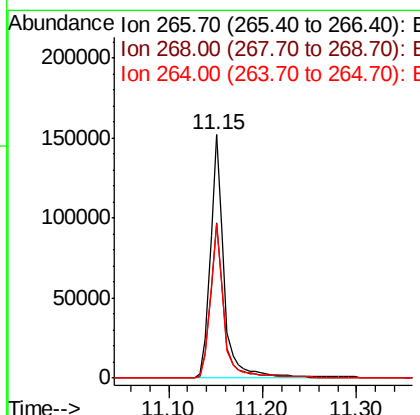
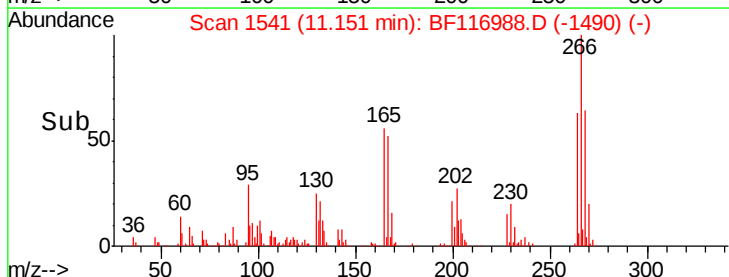
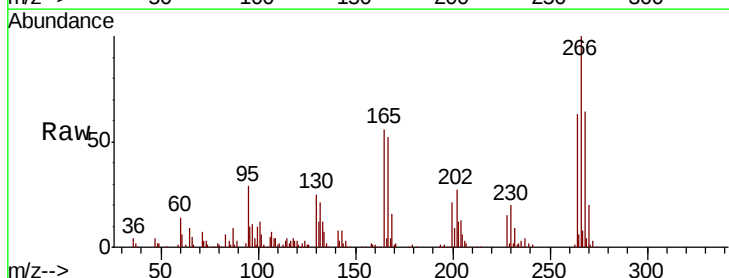
Instrument :
BNA_F
ClientSampleId :

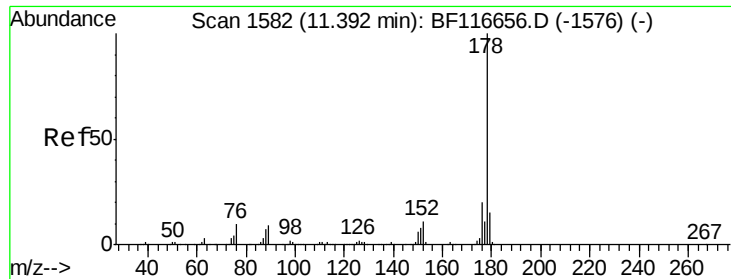
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.0	47.0
215	43.8	22.9	62.9



#70
Pentachlorophenol
Concen: 111.647 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.4	77.2
264	63.4	52.1	78.1

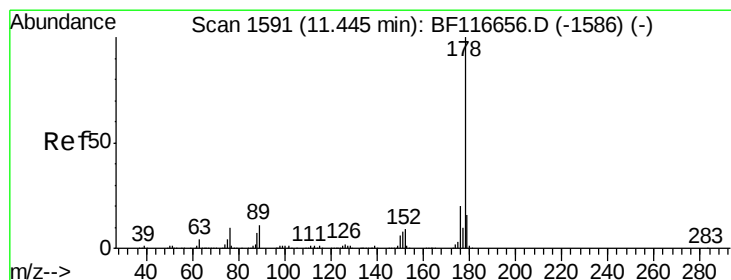
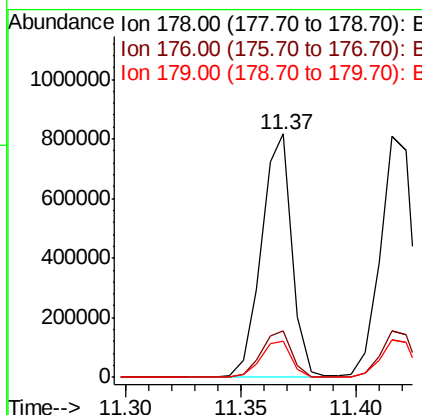
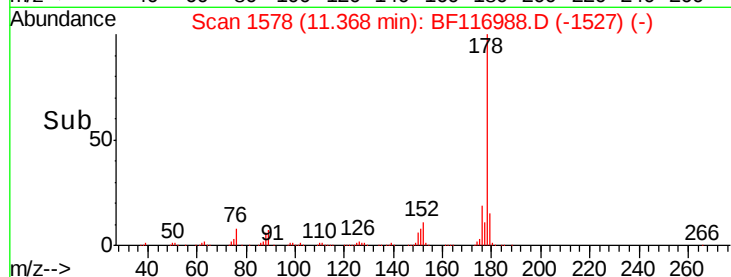
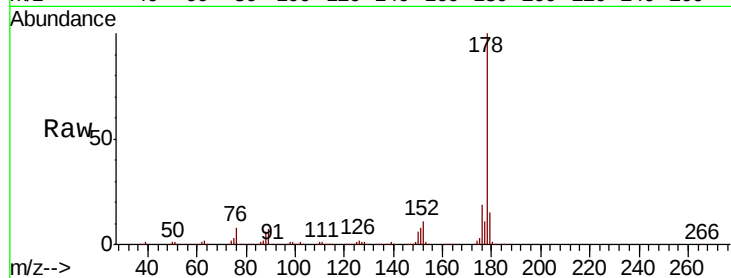




#71
Phenanthrene
Concen: 48.879 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

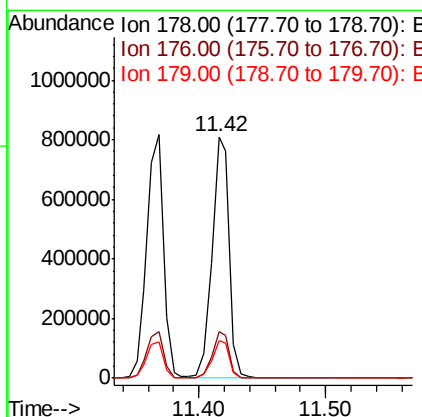
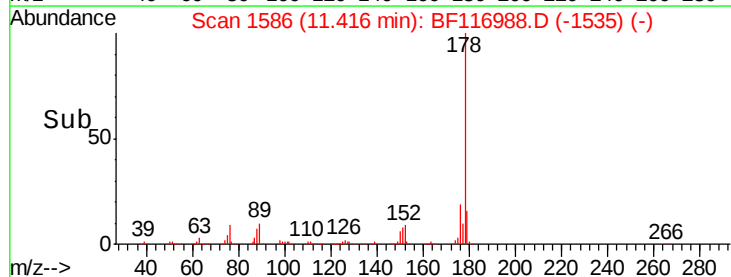
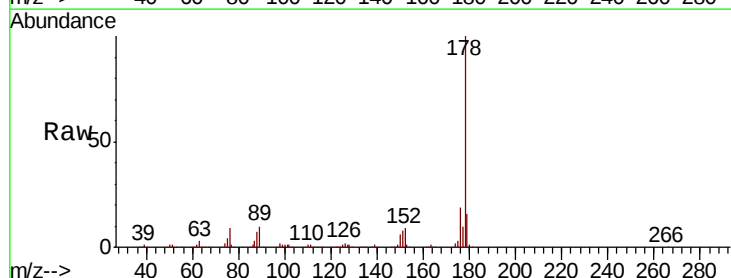
Instrument :
BNA_F
ClientSampled :

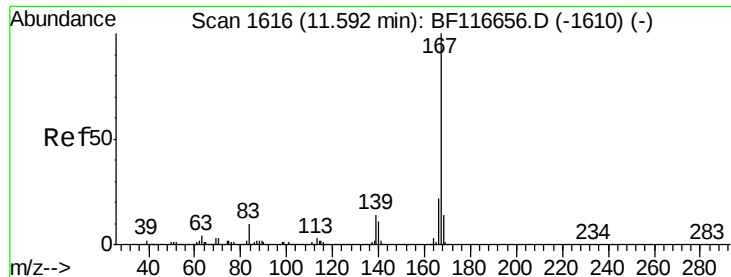
Tot Ion:178 Resp: 751439
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.9 12.0 18.0



#72
Anthracene
Concen: 50.052 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:178 Resp: 774585
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.6 12.3 18.5

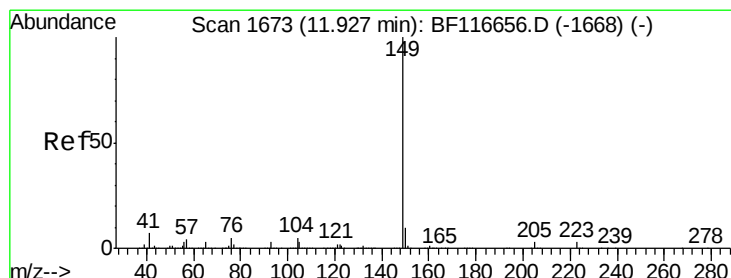
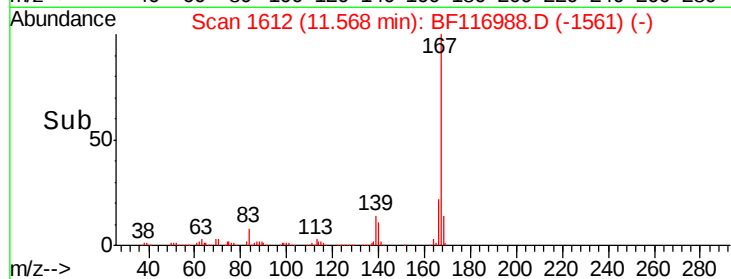
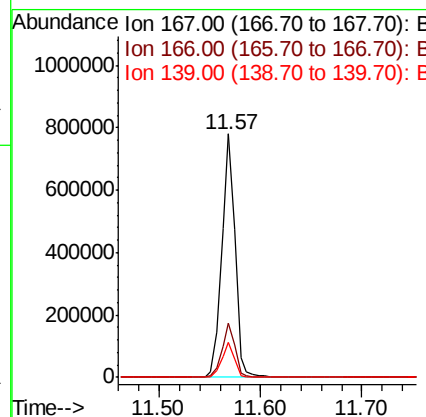
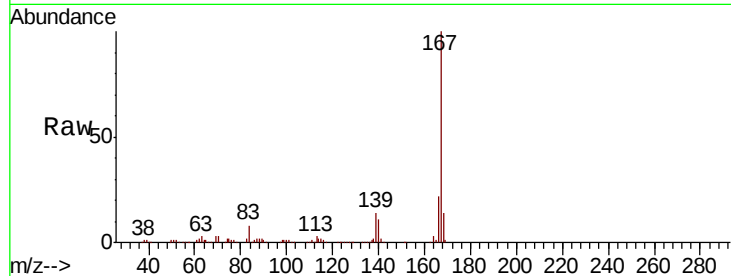




#73
 Carbazole
 Concen: 48.262 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

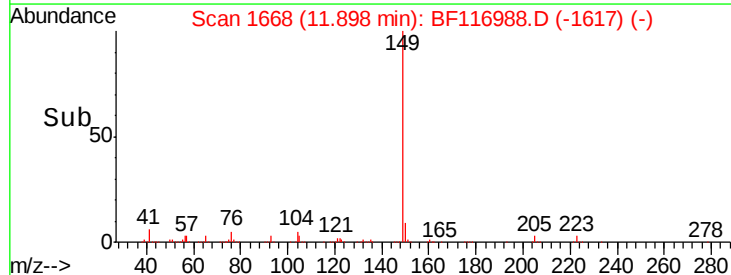
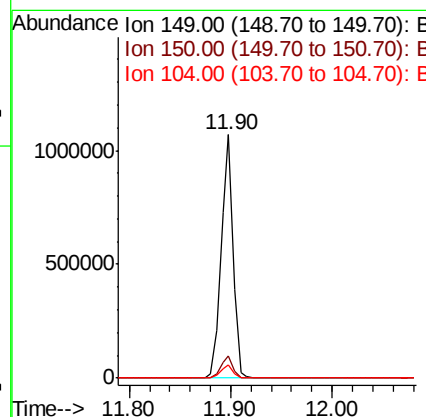
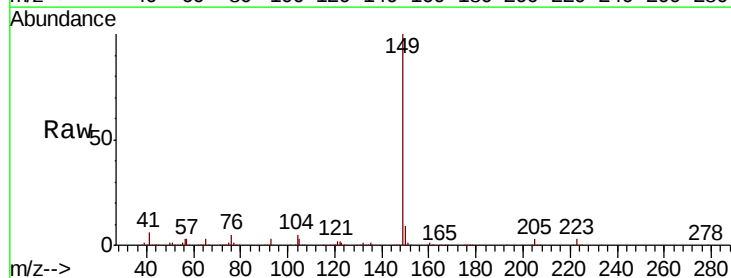
Instrument :
 BNA_F
 ClientSampleId :

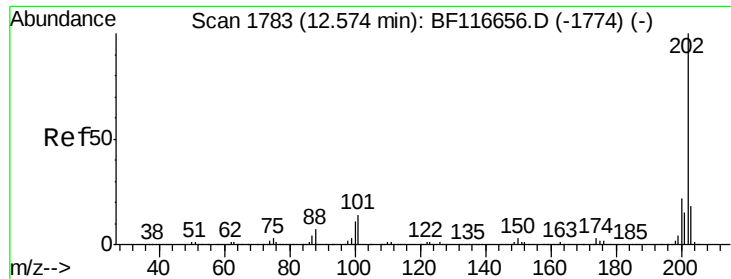
Tot Ion:167 Resp: 711457
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.1 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 46.118 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion:149 Resp: 871541
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.3 6.5

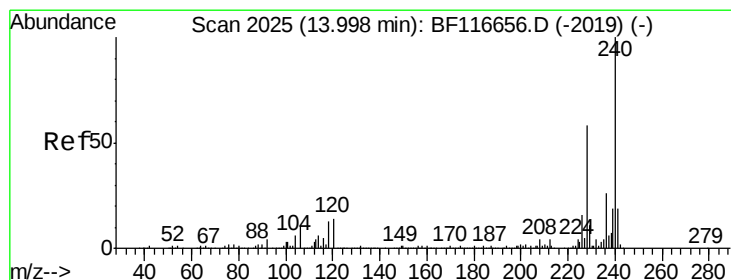
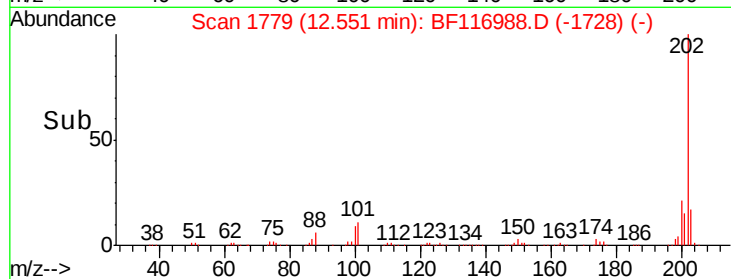
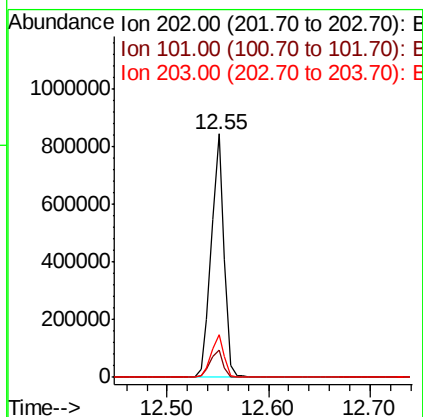
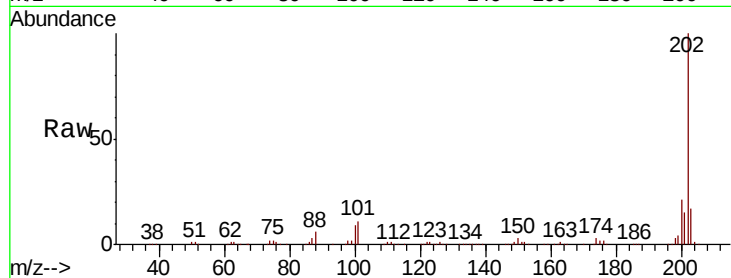




#75
 Fluoranthene
 Concen: 48.930 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

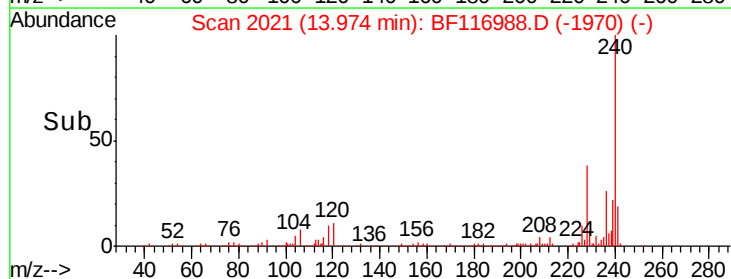
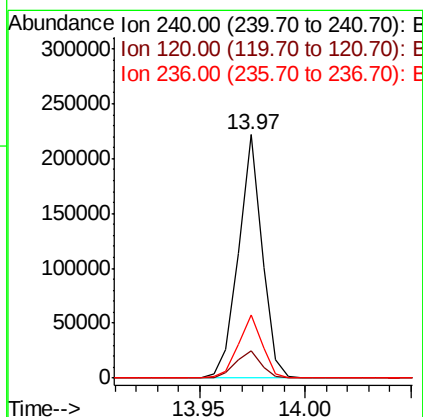
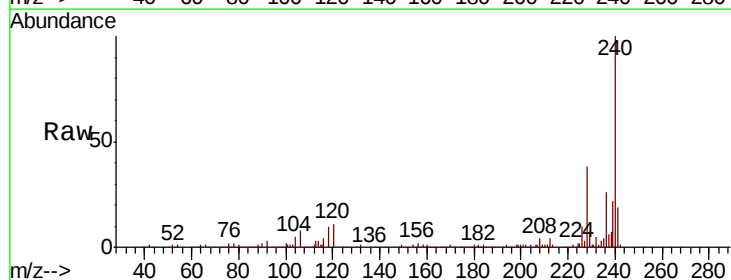
Instrument :
 BNA_F
 ClientSampled :

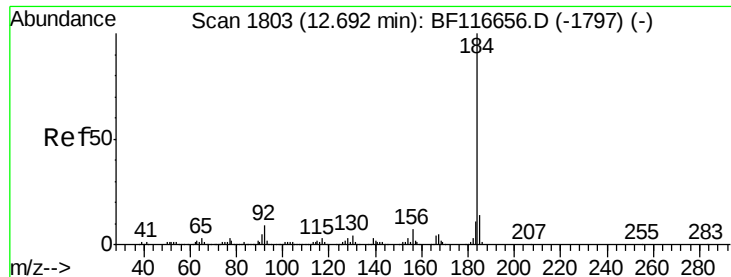
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.0
203	17.3	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.1	13.7
236	25.9	20.9	31.3





#77

Benzidine

Concen: 49.283 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

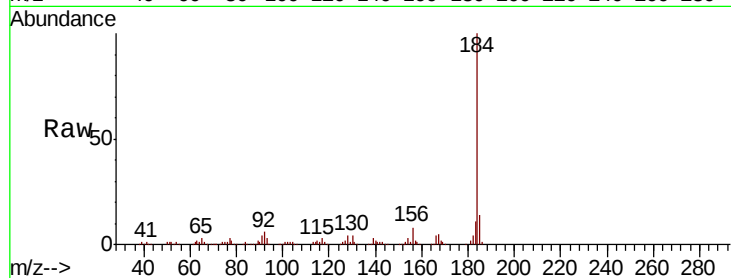
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 330973

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.0	18.0
183	11.2	9.2	13.8

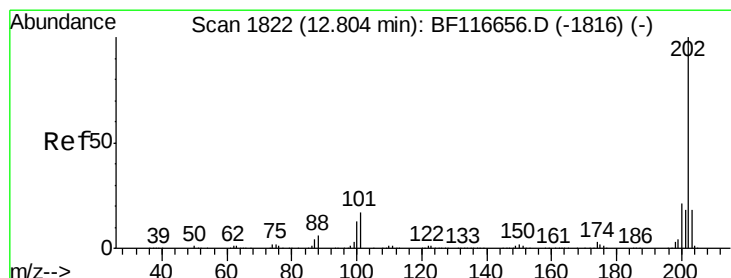
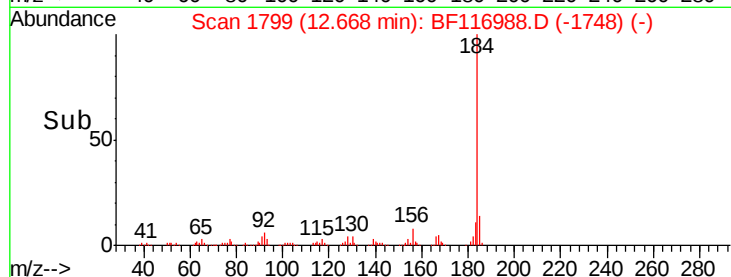
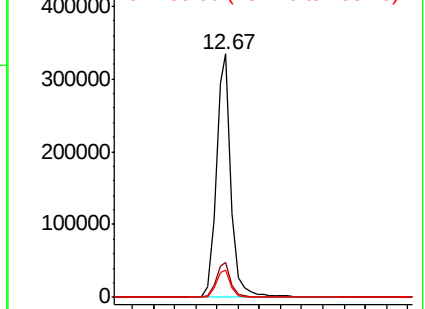


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.953 ng

RT: 12.78 min Scan# 1818

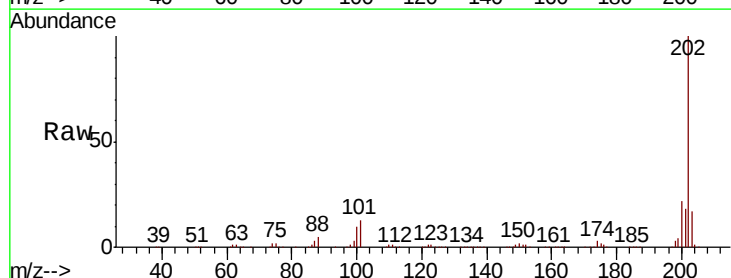
Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Tgt Ion:202 Resp: 745105

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.4	14.2	21.2

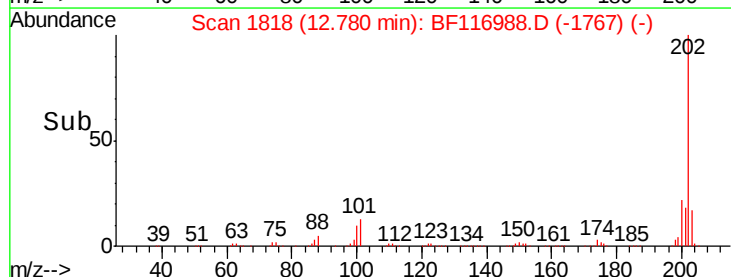
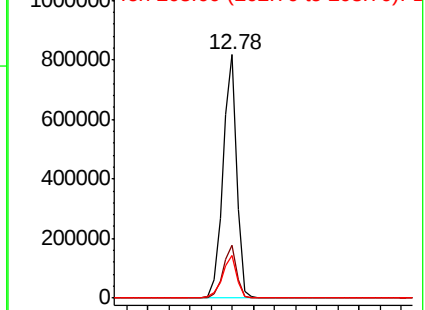


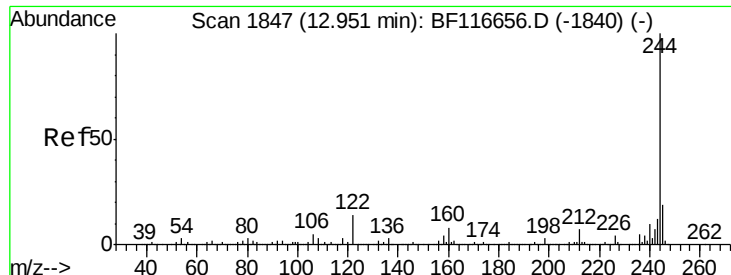
Abundance

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

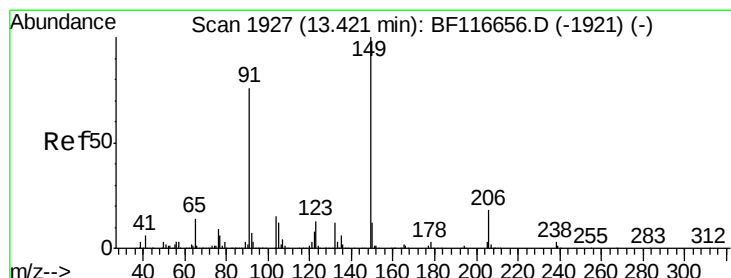
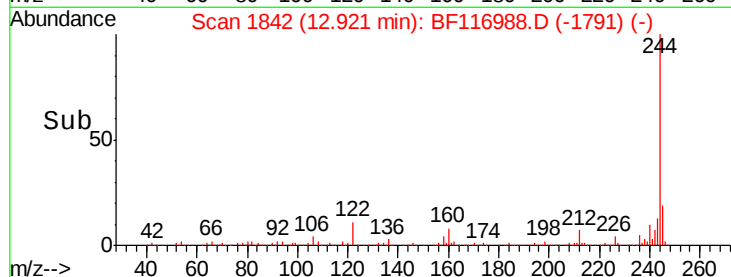
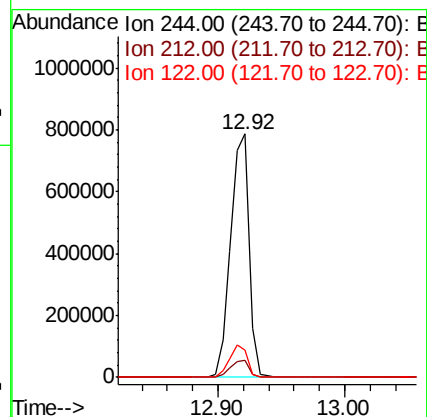
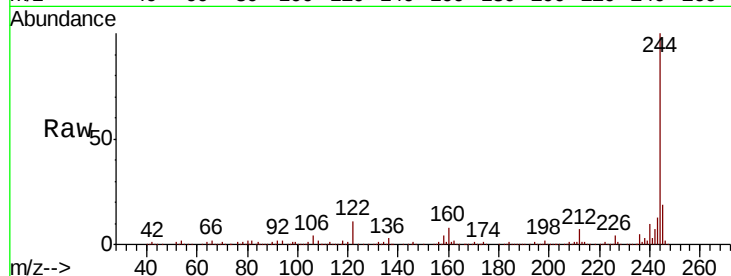




#79
 Terphenyl-d14
 Concen: 85.293 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

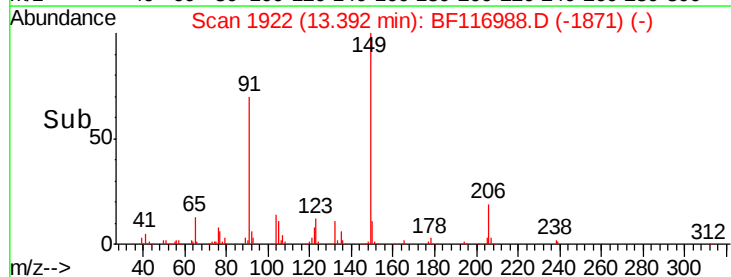
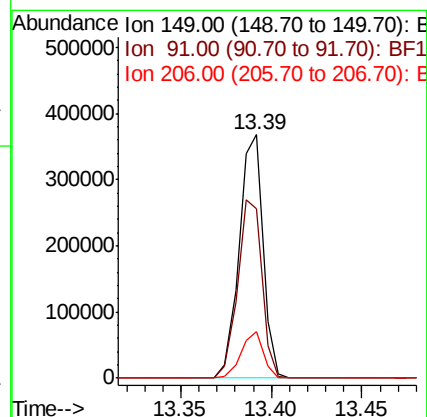
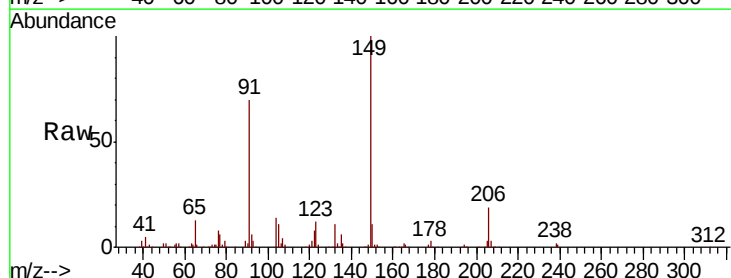
Instrument :
 BNA_F
 ClientSampled :

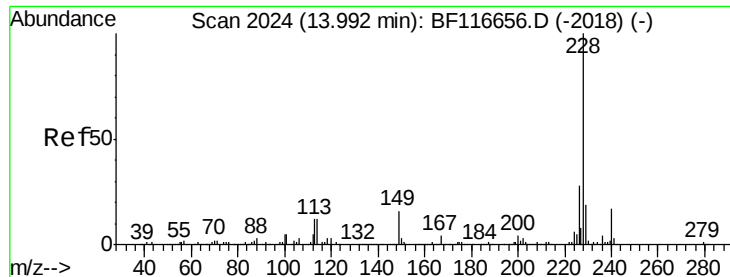
Tot Ion:244 Resp: 789442
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.0 11.5 17.3#



#80
 Butylbenzylphthalate
 Concen: 45.614 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion:149 Resp: 337623
 Ion Ratio Lower Upper
 149 100
 91 69.8 55.8 83.8
 206 19.3 15.0 22.6





#81

Benzo(a)anthracene

Concen: 49.495 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

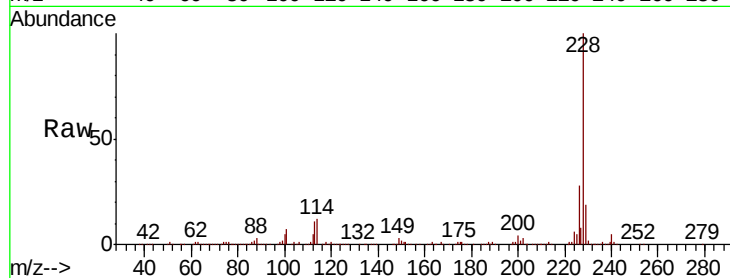
Tot Ion:228 Resp: 536367

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

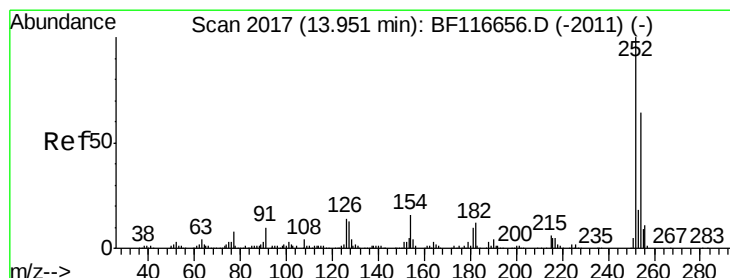
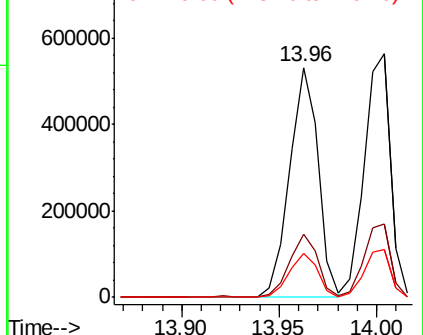
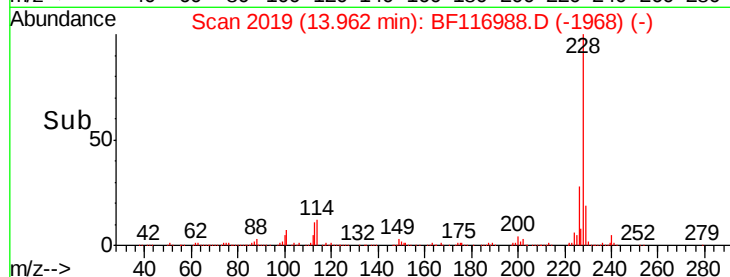
229 19.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.831 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

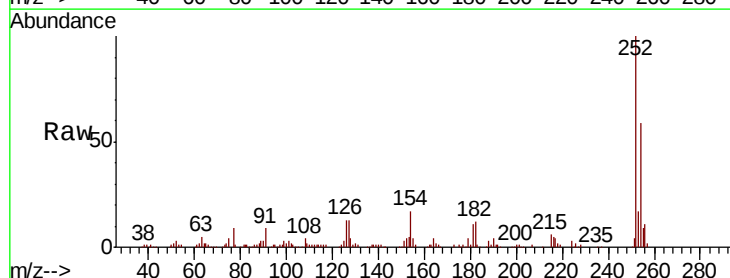
Tgt Ion:252 Resp: 134883

Ion Ratio Lower Upper

252 100

254 59.0 51.8 77.8

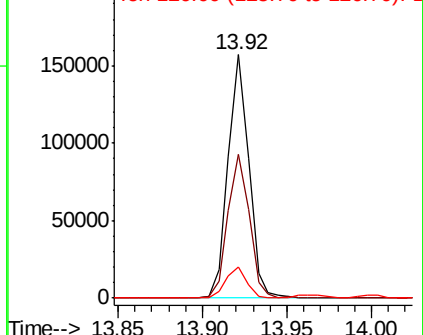
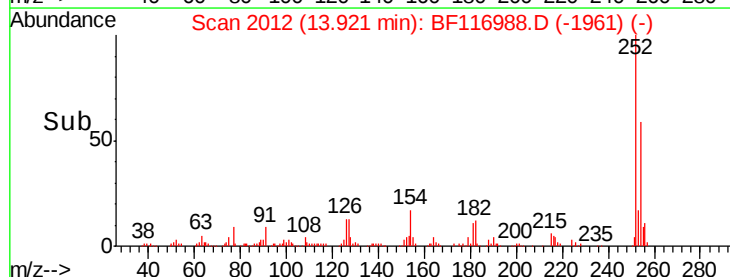
126 12.7 10.9 16.3

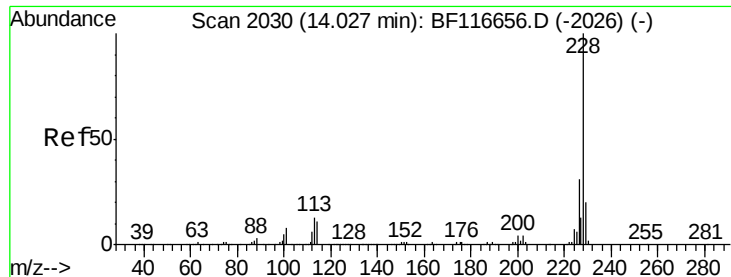


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

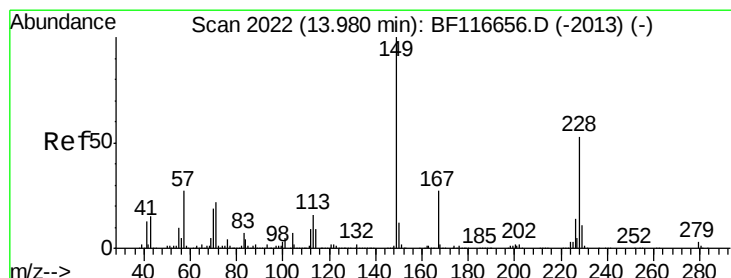
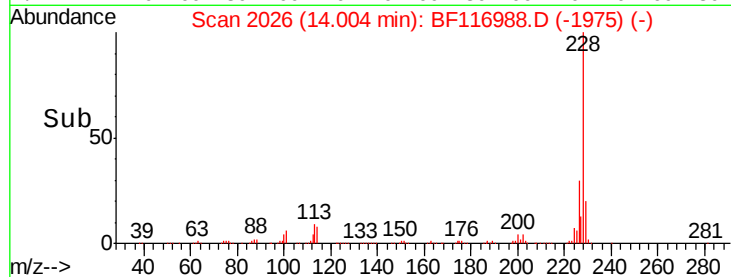
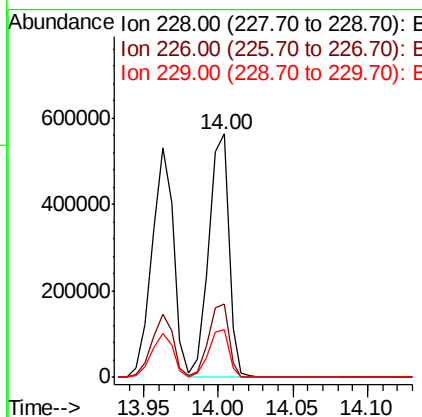
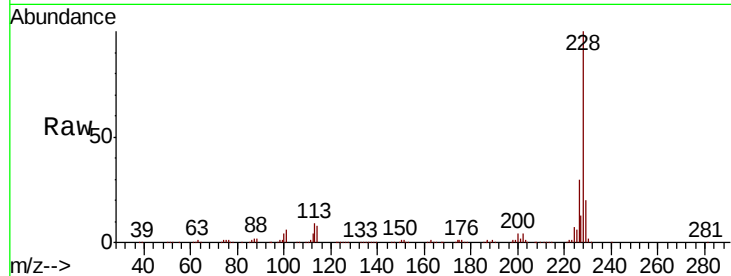




#83
 Chrvsene
 Concen: 47.078 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

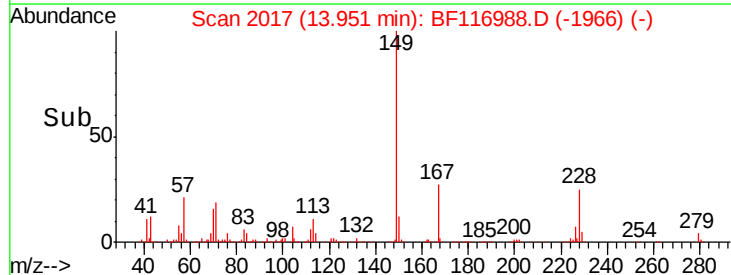
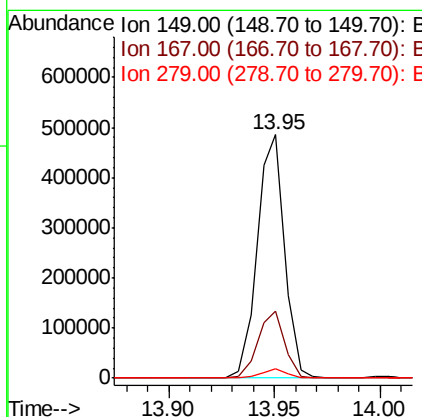
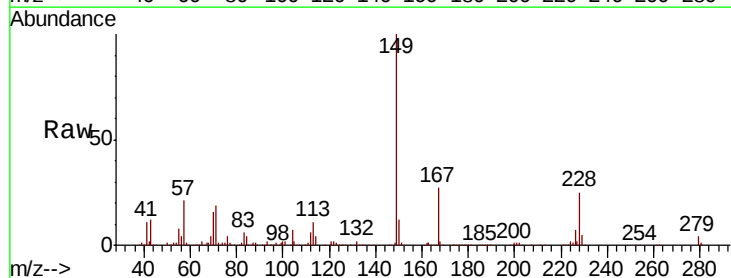
Instrument :
 BNA_F
 ClientSampleId :

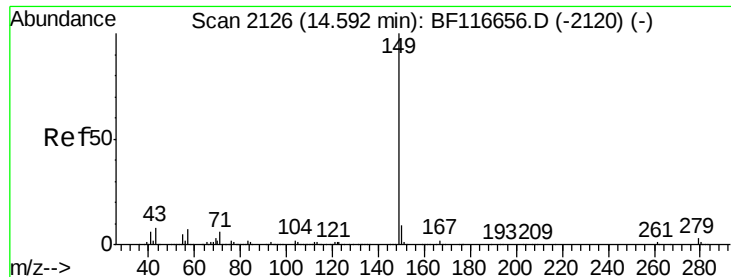
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	19.6	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.709 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF116988.D
 Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.7	2.6	3.8





#85

Di-n-octyl phthalate

Concen: 45.687 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

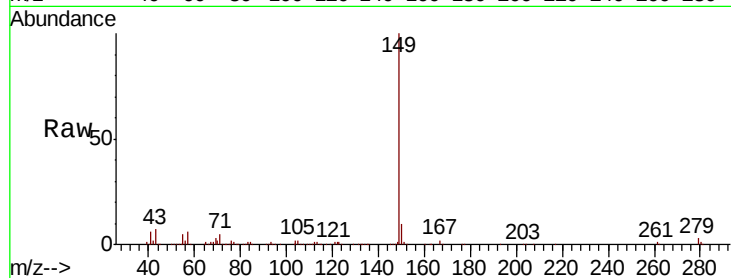
Tot Ion:149 Resp: 683121

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

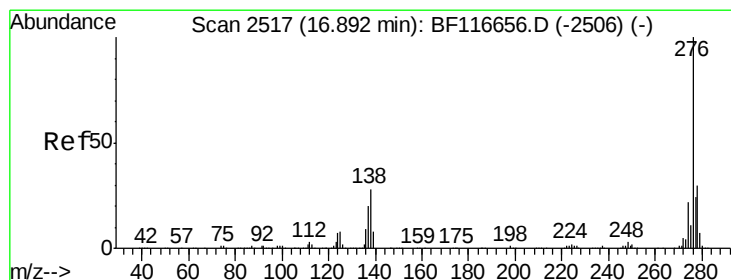
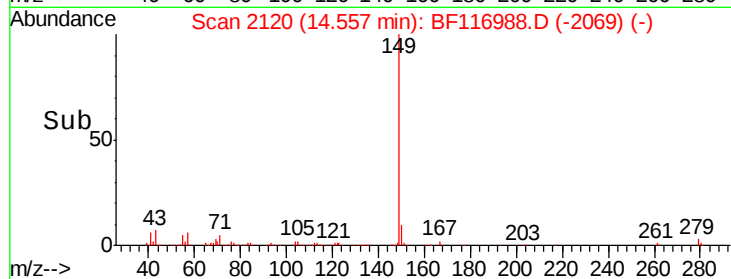
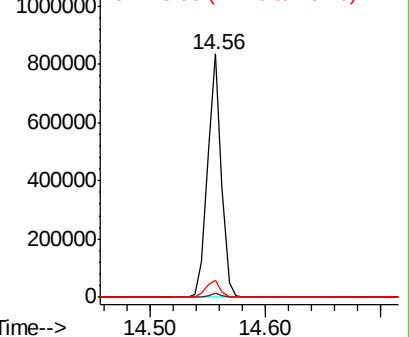
43 7.4 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.086 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

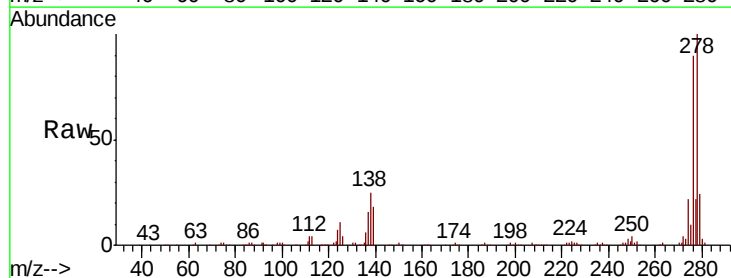
Tgt Ion:276 Resp: 422248

Ion Ratio Lower Upper

276 100

138 25.8 20.6 31.0

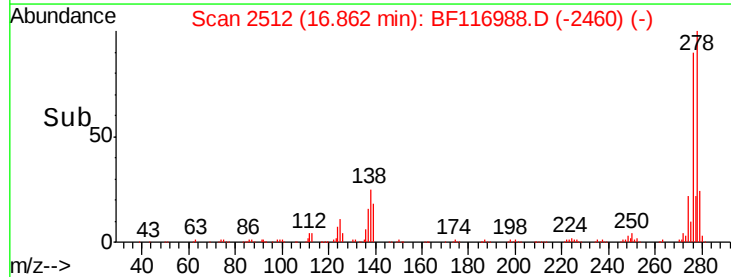
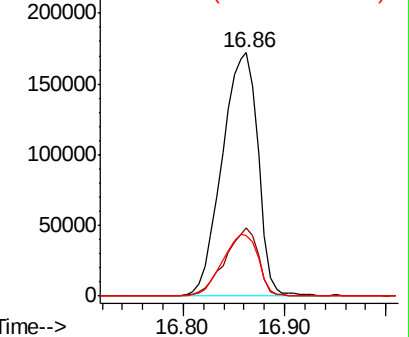
277 25.4 19.9 29.9

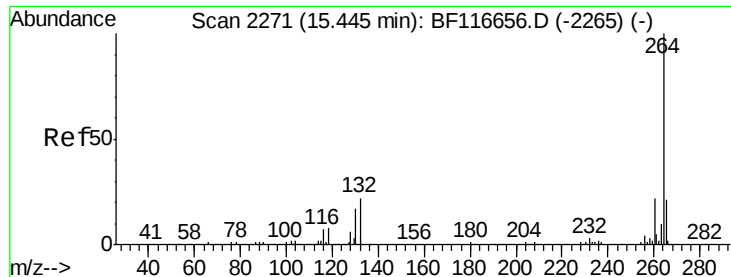


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

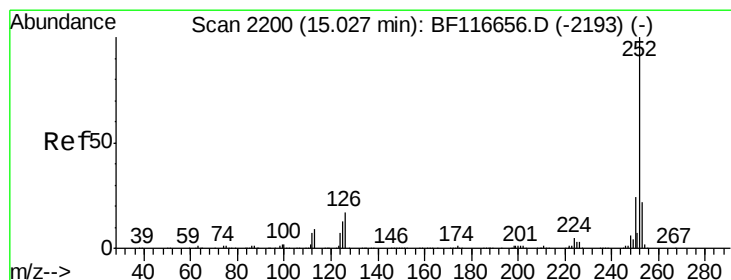
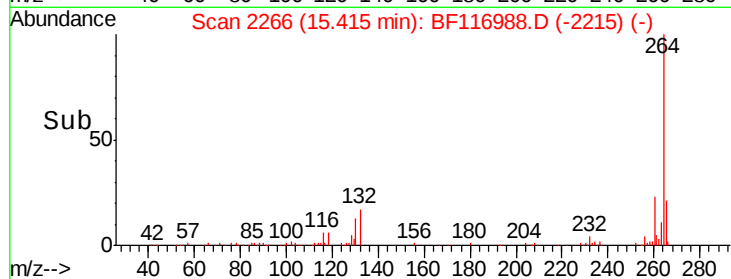
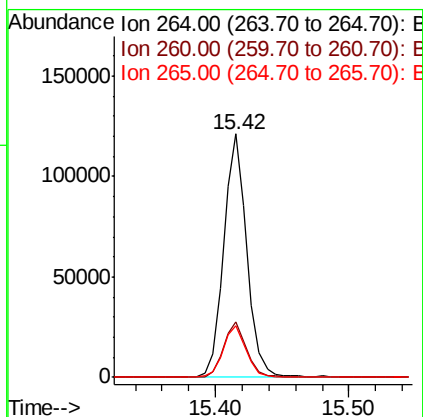
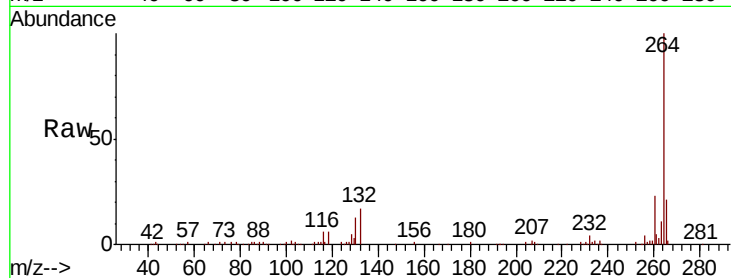




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

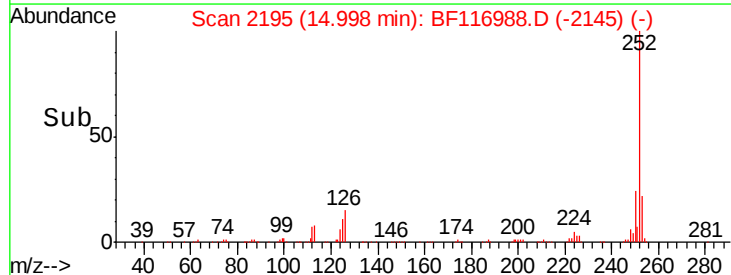
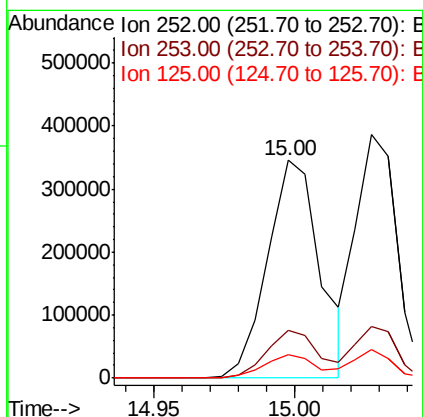
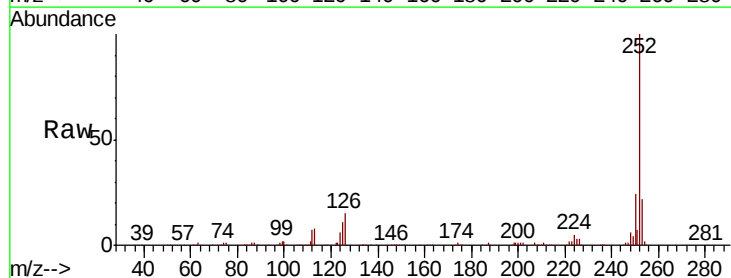
Instrument :
BNA_F
ClientSampleId :

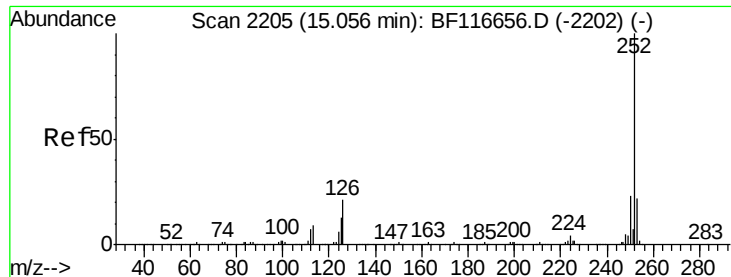
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.2	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 50.335 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.1	8.3	12.5

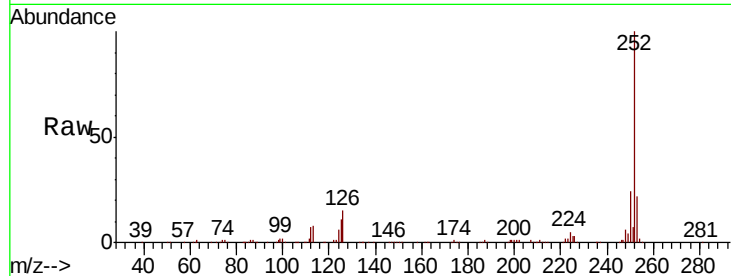




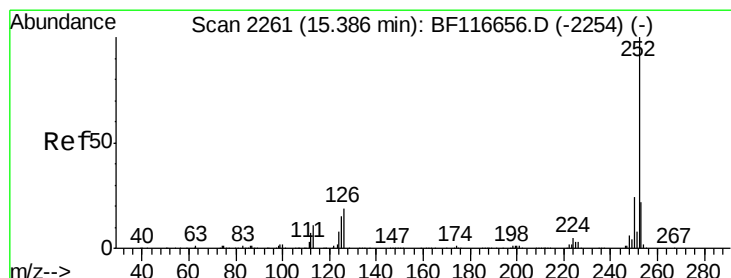
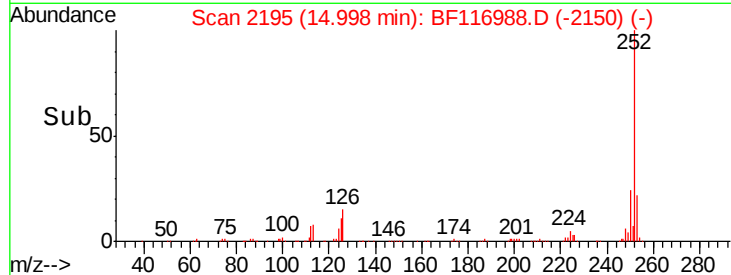
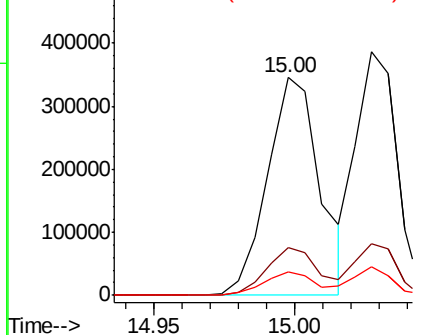
#89
Benzo(k)fluoranthene
Concen: 55.205 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 447861
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 11.1 7.6 11.4

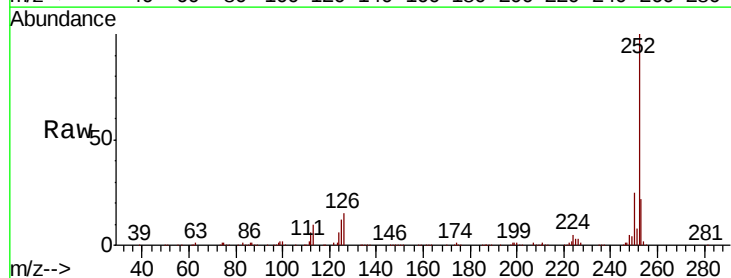


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

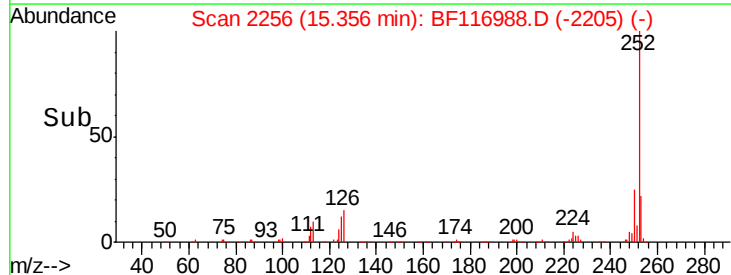
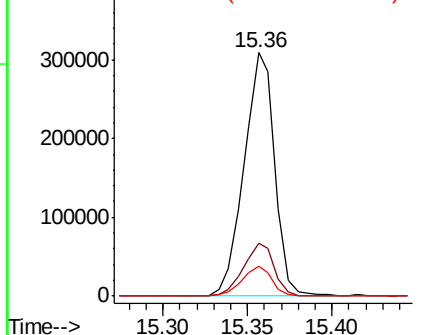


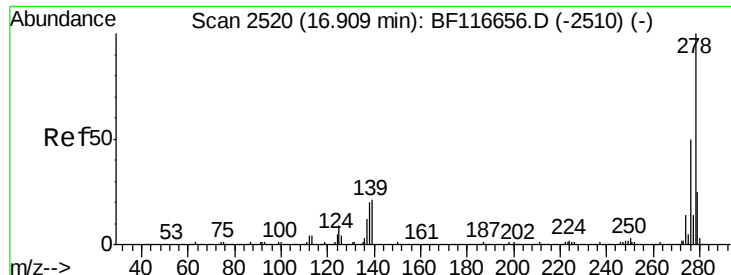
#90
Benzo(a)pyrene
Concen: 50.419 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF116988.D
Acq: 12 Sep 2019 12:58

Tgt Ion:252 Resp: 390292
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 10.2 15.2



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





#91

Dibenzo(a,h)anthracene

Concen: 52.513 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

Instrument :

BNA_F

ClientSampleId :

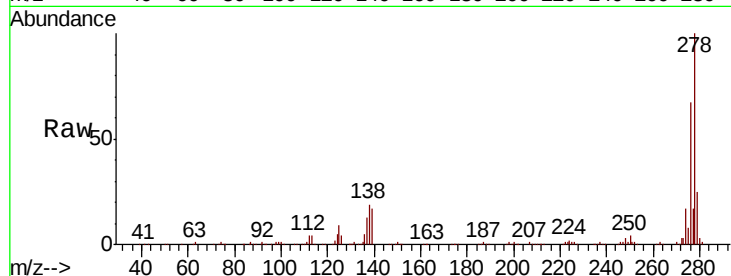
Tot Ion:278 Resp: 355818

Ion Ratio Lower Upper

278 100

139 17.4 13.1 19.7

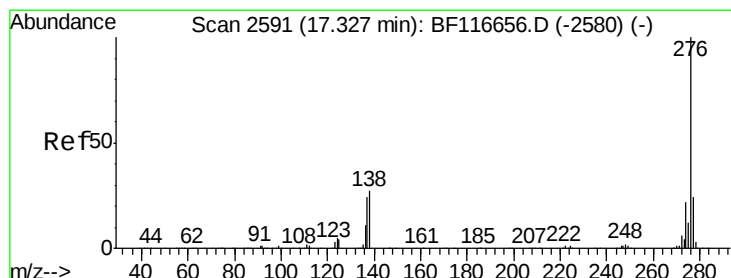
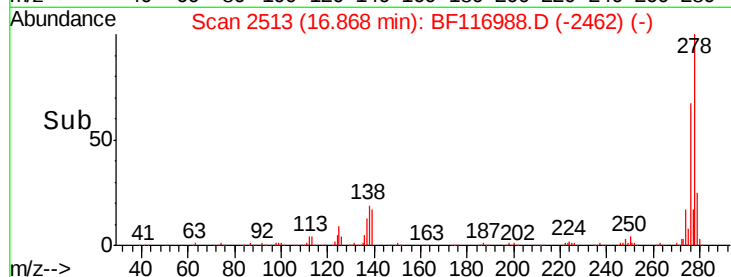
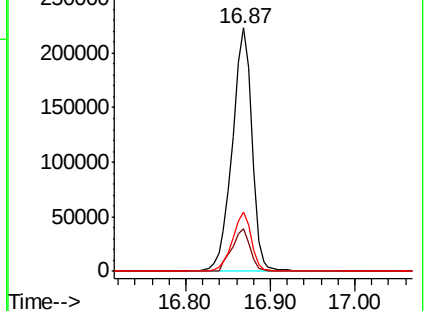
279 24.6 18.6 27.8



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: 51.233 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF116988.D

Acq: 12 Sep 2019 12:58

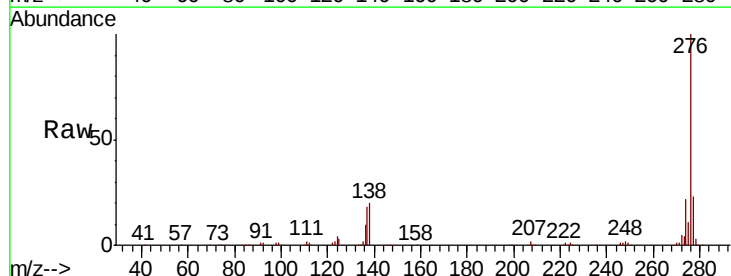
Tgt Ion:276 Resp: 354041

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.6

138 20.3 18.7 28.1



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

