

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116661.D
 Acq On : 30 Aug 2019 19:56
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Quant Time: Aug 31 00:50:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128796	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	545030	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	277638	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	433146	20.00	ng	0.00
76) Chrysene-d12	14.00	240	280463	20.00	ng	0.00
87) Perylene-d12	15.45	264	246270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	635530	79.94	ng	0.00
7) Phenol-d6	6.48	99	855167	81.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	806655	84.49	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	158187	85.23	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1312910	79.77	ng	0.00
79) Terphenyl-d14	12.95	244	1186576	78.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	148176	40.375	ng	99
3) Pyridine	3.34	79	437671	41.189	ng	94
4) n-Nitrosodimethylamine	3.29	42	145679	39.924	ng	86
6) Aniline	6.51	93	583843	40.380	ng	100
8) 2-Chlorophenol	6.64	128	352500	40.617	ng	99
9) Benzaldehyde	6.40	77	263755	38.350	ng	99
10) Phenol	6.49	94	474041	41.008	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	367305	40.807	ng	100
12) 1,3-Dichlorobenzene	6.79	146	394521	40.222	ng	98
13) 1,4-Dichlorobenzene	6.87	146	397936	40.750	ng	99
14) 1,2-Dichlorobenzene	7.02	146	369610	40.842	ng	96
15) Benzyl Alcohol	6.99	79	351472	41.477	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	429680	40.688	ng	98
17) 2-Methylphenol	7.10	107	304665	40.102	ng	97
18) Hexachloroethane	7.37	117	155241	40.918	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	282120	41.044	ng	94
20) 3+4-Methylphenols	7.25	107	367641	41.619	ng	98
22) Acetophenone	7.26	105	527831	40.226	ng	# 87
24) Nitrobenzene	7.43	77	409349	42.157	ng	95
25) Isophorone	7.67	82	766811	39.636	ng	98
26) 2-Nitrophenol	7.75	139	161242	44.665	ng	96
27) 2,4-Dimethylphenol	7.78	122	295324	40.507	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	476764	40.327	ng	99
29) 2,4-Dichlorophenol	7.99	162	286516	40.892	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	301878	39.723	ng	96
31) Naphthalene	8.16	128	1045931	40.357	ng	99
32) Benzoic acid	7.90	122	168340	40.893	ng	97
33) 4-Chloroaniline	8.20	127	462860	39.235	ng	100
34) Hexachlorobutadiene	8.28	225	165240	39.878	ng	98
35) Caprolactam	8.57	113	105050	40.062	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	327840	40.711	ng	96
37) 2-Methylnaphthalene	8.85	142	698662	40.517	ng	97
38) 1-Methylnaphthalene	8.95	142	661429	40.633	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	258631	38.860	ng	# 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116661.D
 Acq On : 30 Aug 2019 19:56
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Quant Time: Aug 31 00:50:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	154746	40.263	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	189177	41.465	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	193241	40.798	nq	# 91
46) 1,1'-Biphenyl	9.31	154	843573	40.041	nq	97
47) 2-Chloronaphthalene	9.33	162	661341	39.634	nq	99
48) 2-Nitroaniline	9.42	65	214766	44.520	nq	92
49) Acenaphthylene	9.75	152	1018402	40.375	nq	99
50) Dimethylphthalate	9.61	163	768296	40.082	nq	98
51) 2,6-Dinitrotoluene	9.66	165	158848	43.435	nq	95
52) Acenaphthene	9.92	154	627826	40.510	nq	99
53) 3-Nitroaniline	9.83	138	197285	43.046	nq	# 88
54) 2,4-Dinitrophenol	9.93	184	51534	44.266	nq	# 70
55) Dibenzofuran	10.09	168	877116	40.146	nq	98
56) 4-Nitrophenol	9.99	139	135192	43.020	nq	92
57) 2,4-Dinitrotoluene	10.07	165	204332	45.694	nq	96
58) Fluorene	10.43	166	660537	39.678	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	143929	42.104	nq	94
60) Diethylphthalate	10.31	149	775348	40.381	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	294140	40.349	nq	96
62) 4-Nitroaniline	10.44	138	190343	42.795	nq	94
63) Azobenzene	10.59	77	812711	40.593	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	70646	44.862	nq	75
66) n-Nitrosodiphenylamine	10.54	169	606560	40.481	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	178520	40.571	nq	97
68) Hexachlorobenzene	10.99	284	188573	40.961	nq	98
69) Atrazine	11.07	200	172308	41.059	nq	96
70) Pentachlorophenol	11.17	266	96372	43.274	nq	96
71) Phenanthrene	11.39	178	977081	40.523	nq	98
72) Anthracene	11.44	178	987557	40.687	nq	99
73) Carbazole	11.59	167	926976	40.094	nq	99
74) Di-n-butylphthalate	11.93	149	1221274	41.204	nq	99
75) Fluoranthene	12.58	202	962240	40.608	nq	98
77) Benzidine	12.69	184	403411	36.672	nq	98
78) Pyrene	12.80	202	973377	39.042	nq	98
80) Butylbenzylphthalate	13.42	149	493305	40.688	nq	99
81) Benzo(a)anthracene	13.99	228	714309	40.242	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	239439	39.916	nq	# 97
83) Chrysene	14.03	228	737354	40.321	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	600109	40.098	nq	98
85) Di-n-octyl phthalate	14.59	149	1004837	41.028	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	532908	36.280	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	606845	40.758	nq	98
89) Benzo(k)fluoranthene	15.06	252	558091	41.110	nq	98
90) Benzo(a)pyrene	15.39	252	526002	40.606	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	430140	37.936	nq	# 95
92) Benzo(g,h,i)perylene	17.33	276	433011	37.445	nq	# 93

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

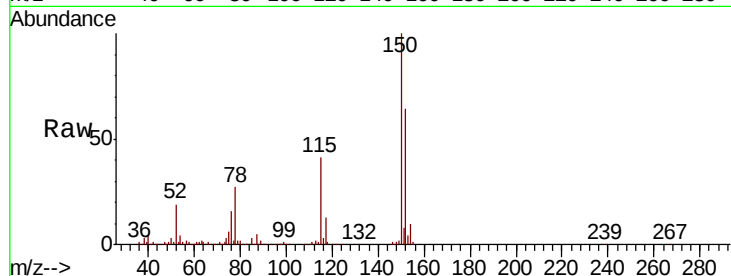


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	64.6	49.9	74.9

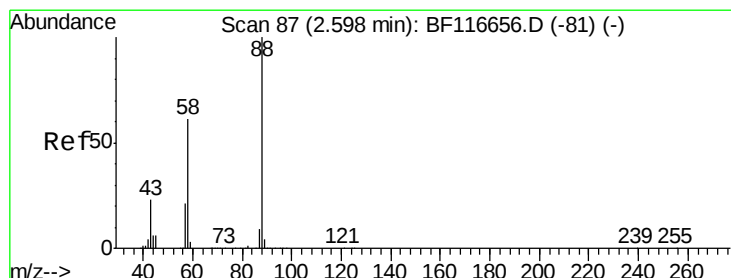
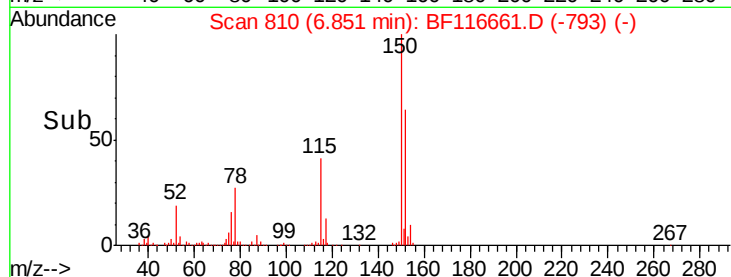
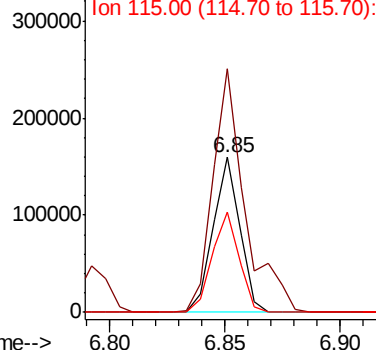


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

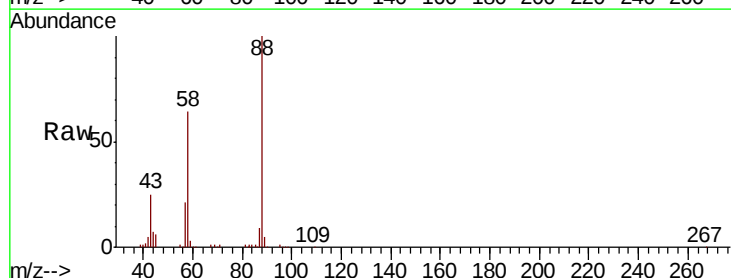
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.375 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.7	77.5
43	24.1	19.8	29.8

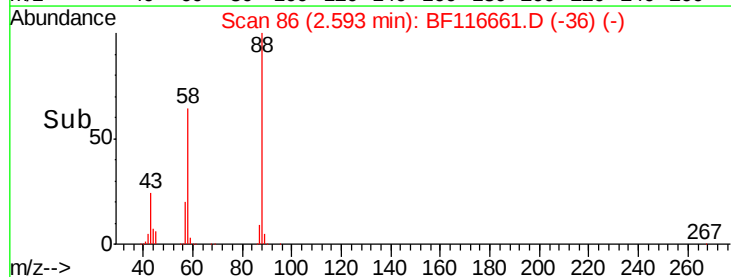
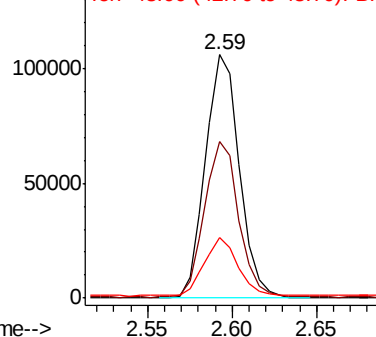


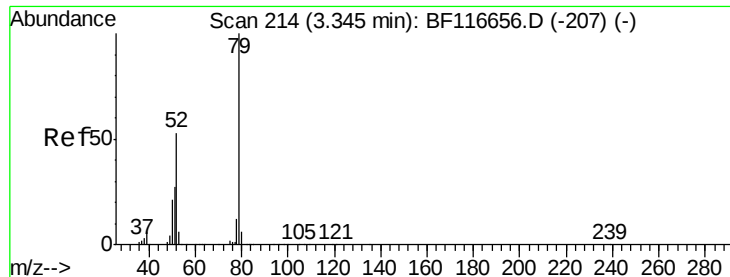
Abundance

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

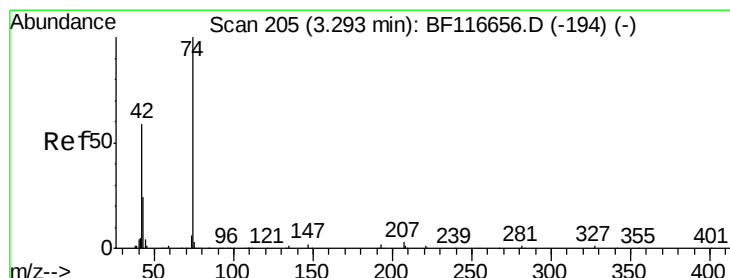
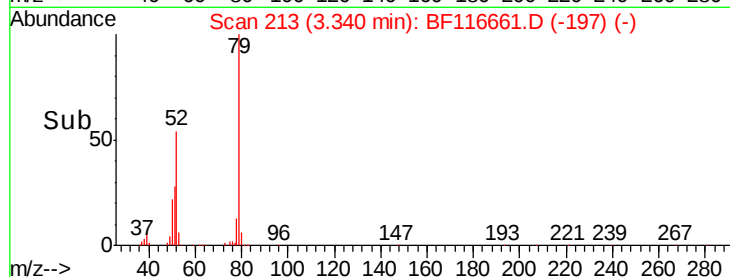
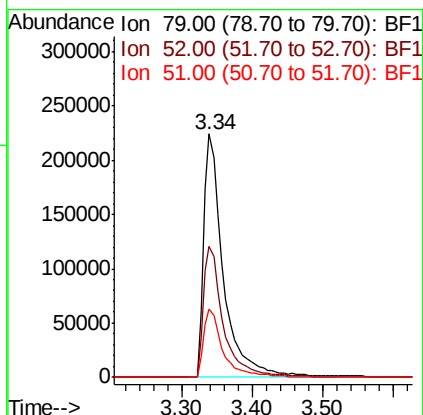
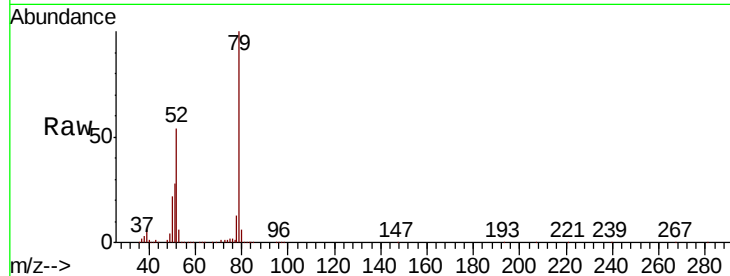




#3
 Pvridine
 Concen: 41.189 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

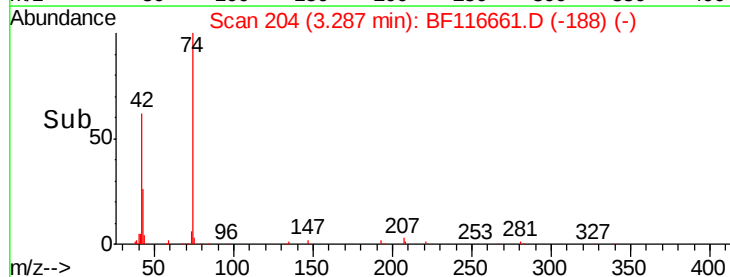
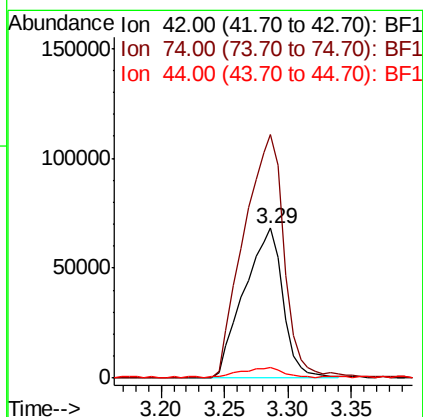
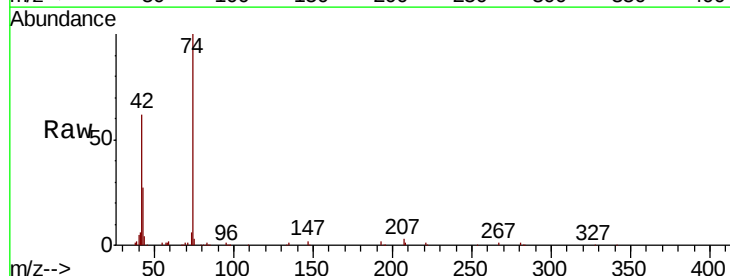
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

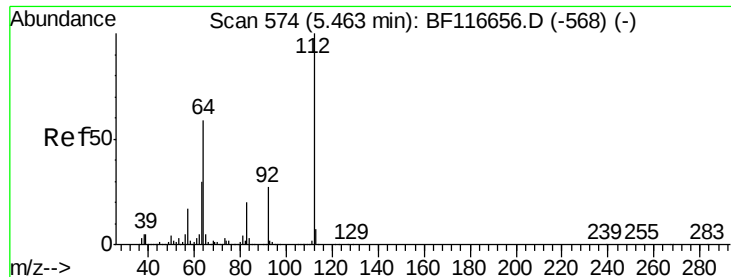
Tot Ion: 79 Resp: 437671
 Ion Ratio Lower Upper
 79 100
 52 54.0 47.4 71.0
 51 28.0 24.1 36.1



#4
 n-Nitrosodimethylamine
 Concen: 39.924 ng
 RT: 3.29 min Scan# 204
 Delta R.T. -0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion: 42 Resp: 145679
 Ion Ratio Lower Upper
 42 100
 74 162.2 115.6 173.4
 44 6.7 4.6 7.0





#5

2-Fluorophenol

Concen: 79.940 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

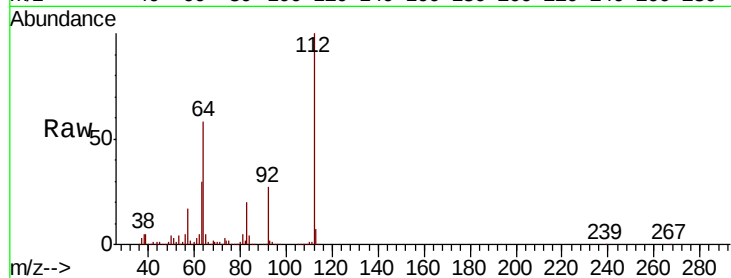
Tot Ion:112 Resp: 635530

Ion Ratio Lower Upper

112 100

64 58.4 47.1 70.7

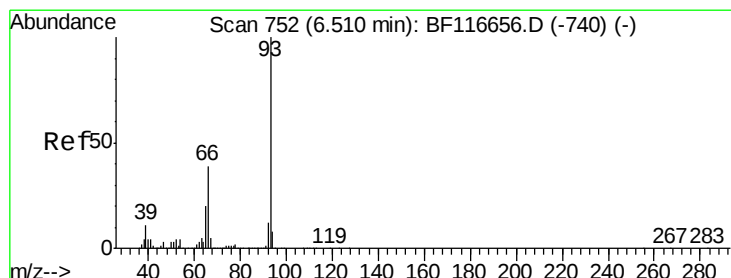
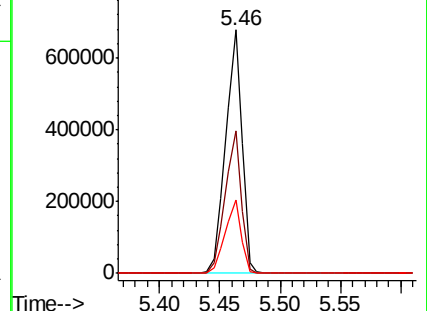
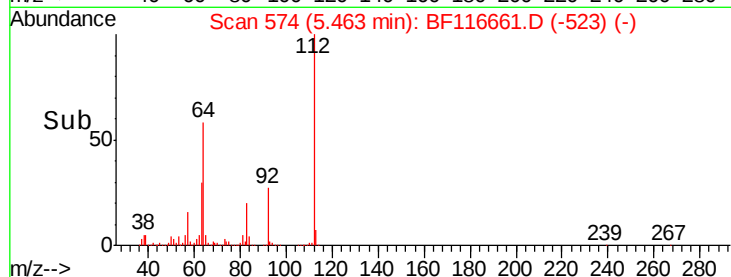
63 30.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.380 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

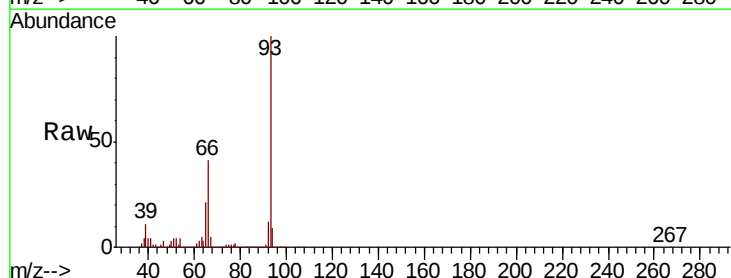
Tgt Ion: 93 Resp: 583843

Ion Ratio Lower Upper

93 100

66 40.6 32.7 49.1

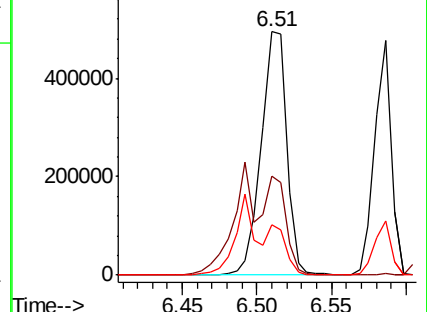
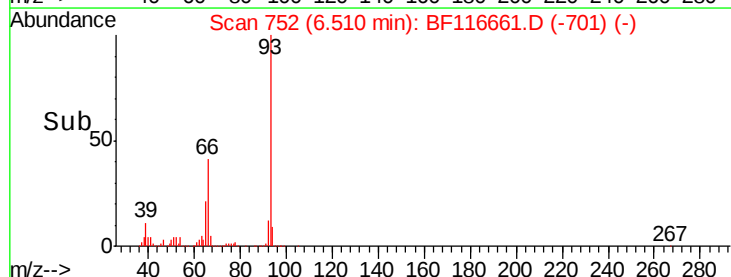
65 20.6 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.918 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

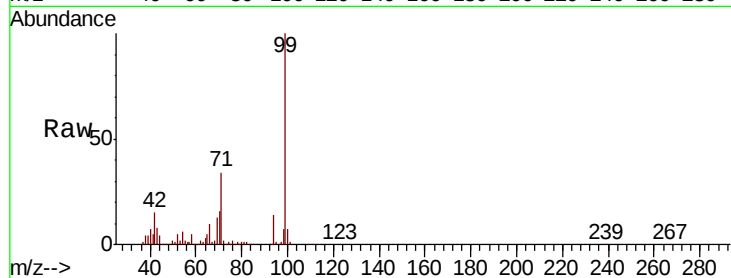
Tot Ion: 99 Resp: 855167

Ion Ratio Lower Upper

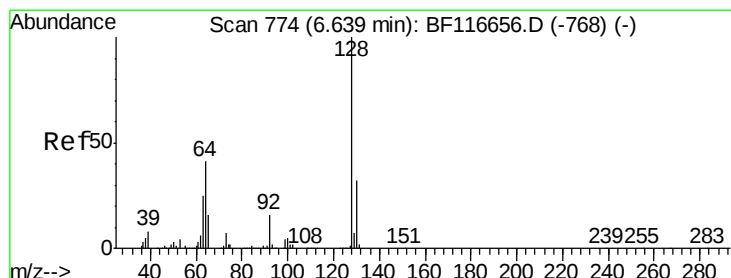
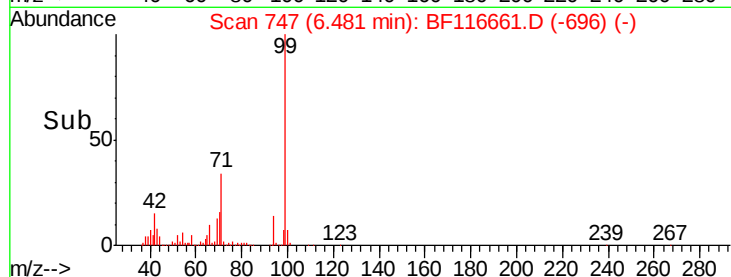
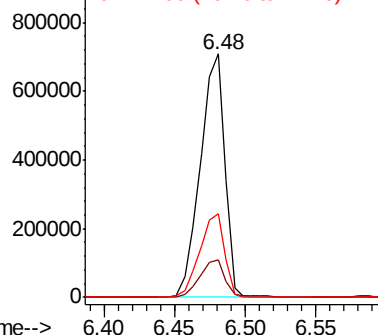
99 100

42 15.4 13.7 20.5

71 34.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.617 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

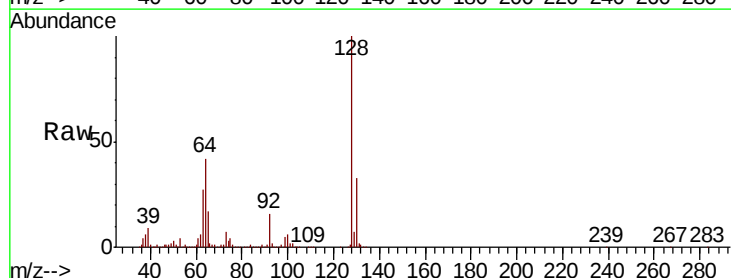
Tgt Ion: 128 Resp: 352500

Ion Ratio Lower Upper

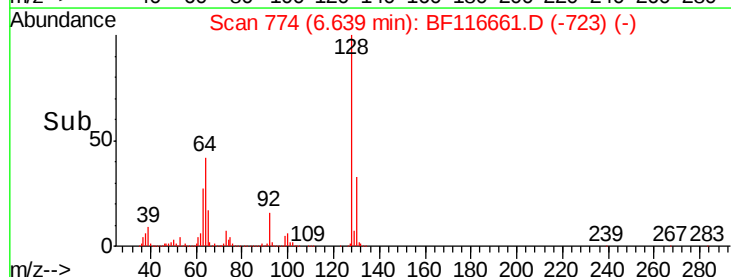
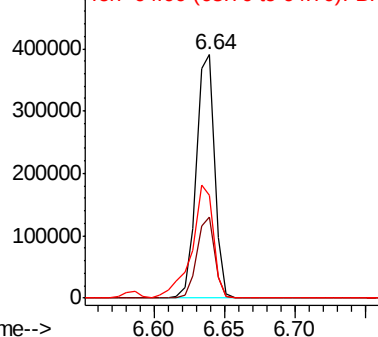
128 100

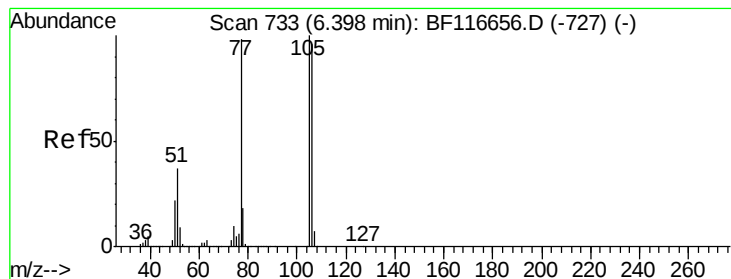
130 33.3 12.3 52.3

64 42.1 22.5 62.5



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: 38.350 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

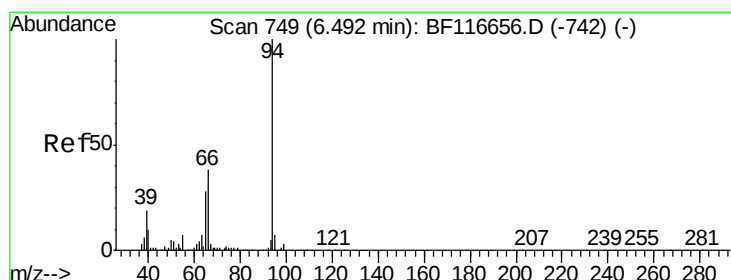
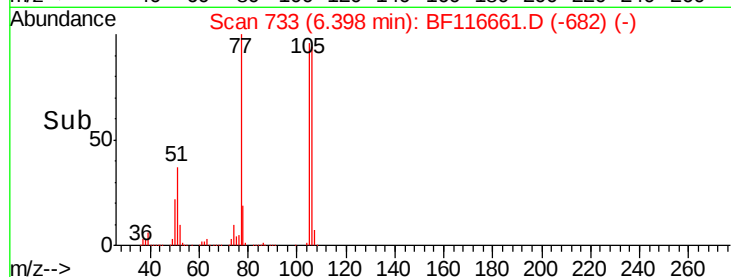
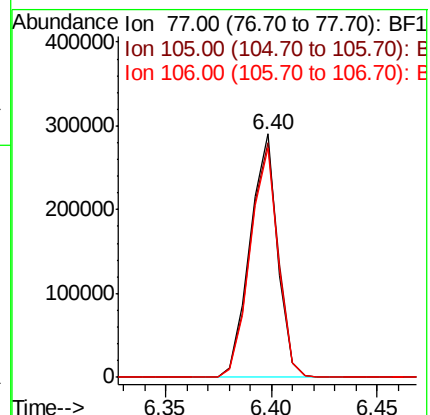
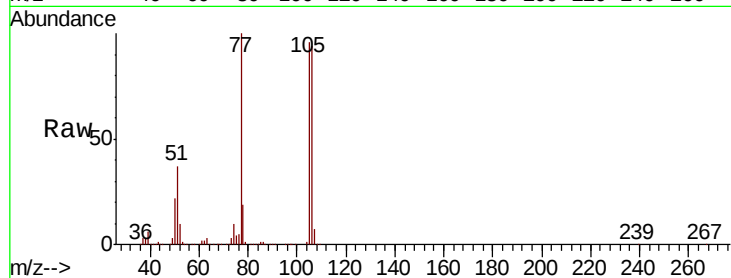
Tot Ion: 77 Resp: 263755

Ion Ratio Lower Upper

77 100

105 96.5 76.7 116.7

106 94.4 73.1 113.1



#10

Phenol

Concen: 41.008 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

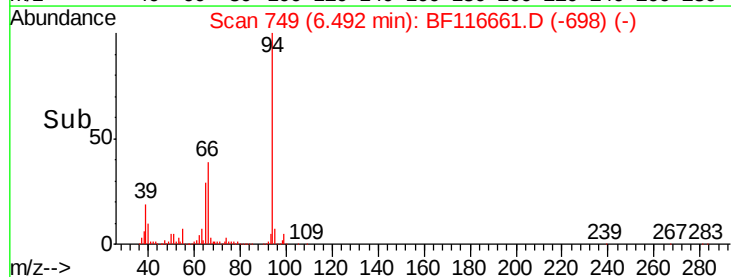
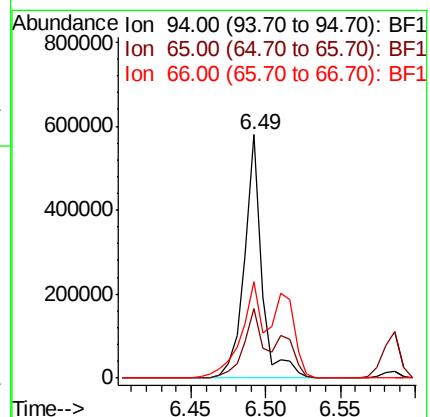
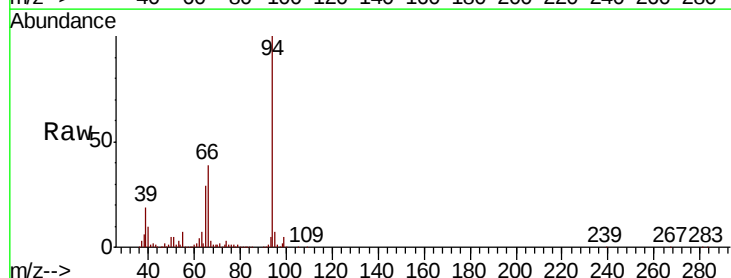
Tgt Ion: 94 Resp: 474041

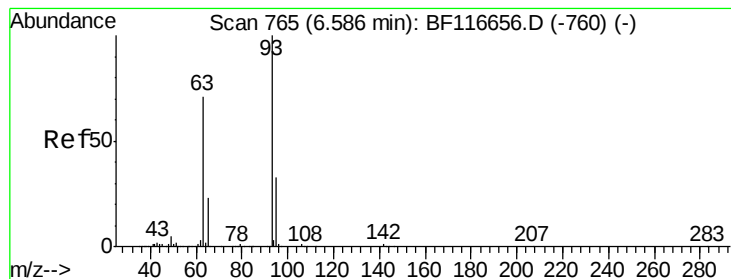
Ion Ratio Lower Upper

94 100

65 28.5 10.8 50.8

66 39.5 21.1 61.1

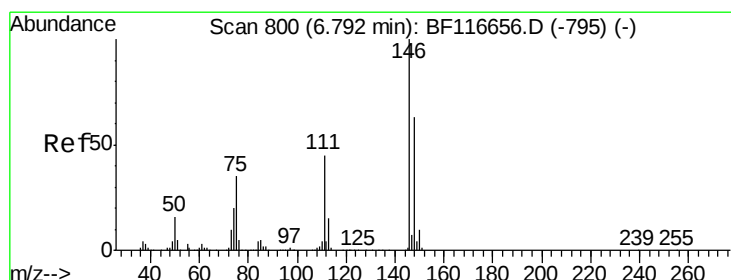
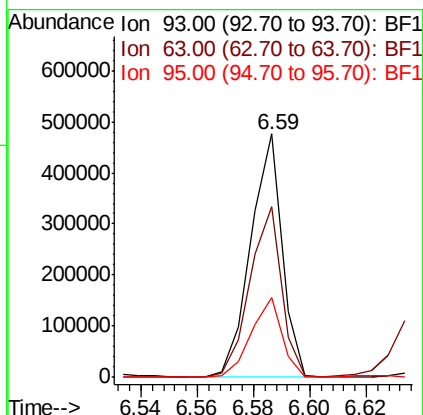
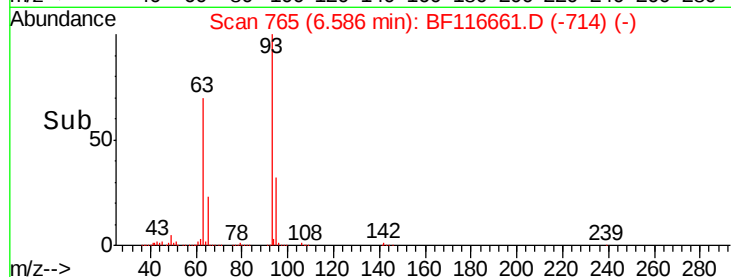
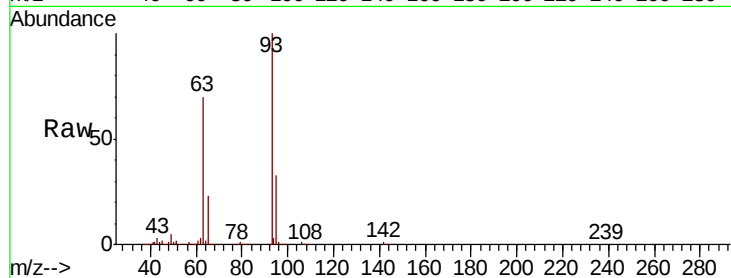




#11
bis(2-Chloroethyl)ether
Concen: 40.807 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

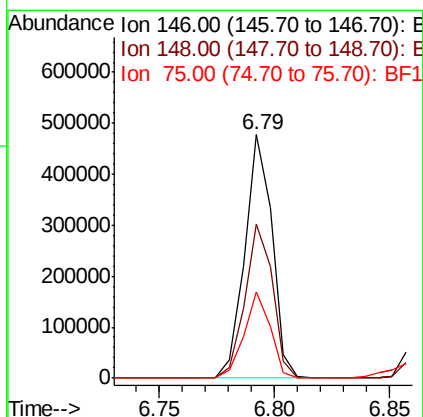
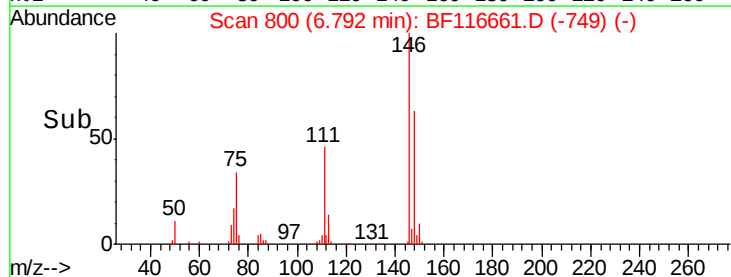
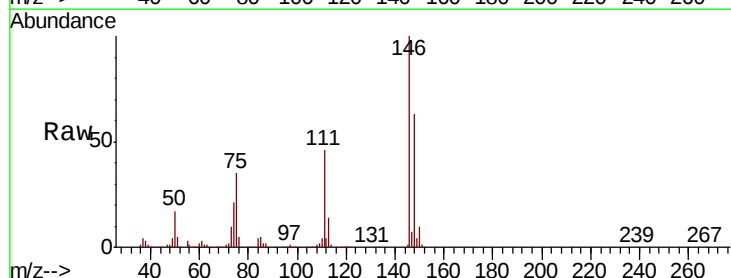
Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.9	49.9	89.9
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.222 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
75	35.4	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 40.750 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

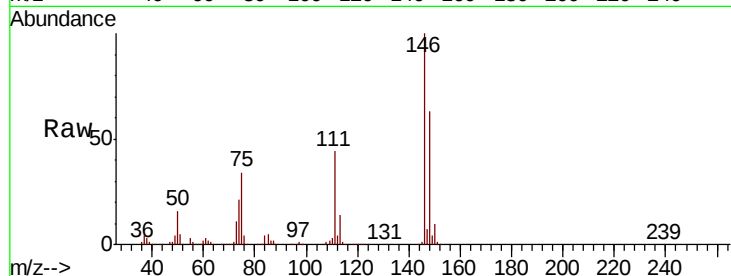
Tot Ion:146 Resp: 397936

Ion Ratio Lower Upper

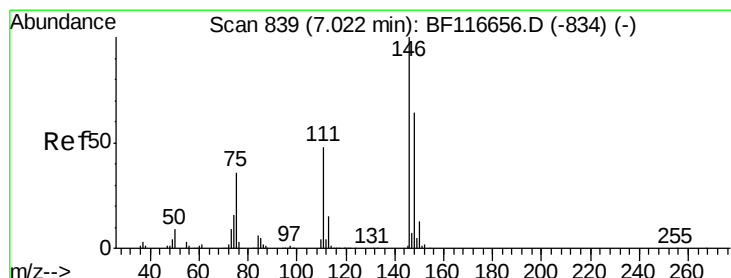
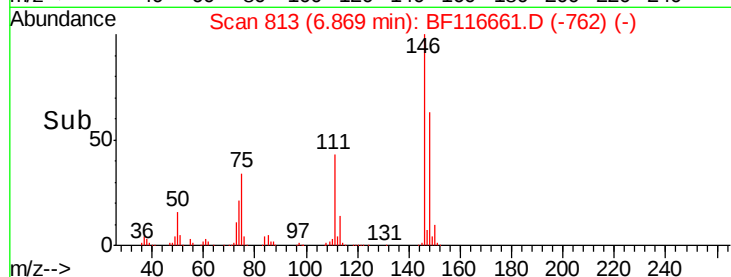
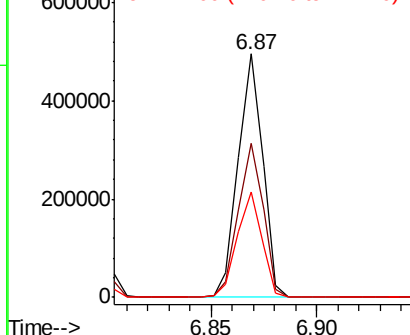
146 100

148 63.3 51.4 77.2

111 43.5 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 40.842 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

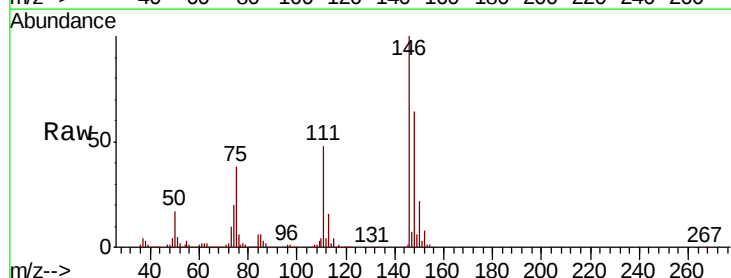
Tgt Ion:146 Resp: 369610

Ion Ratio Lower Upper

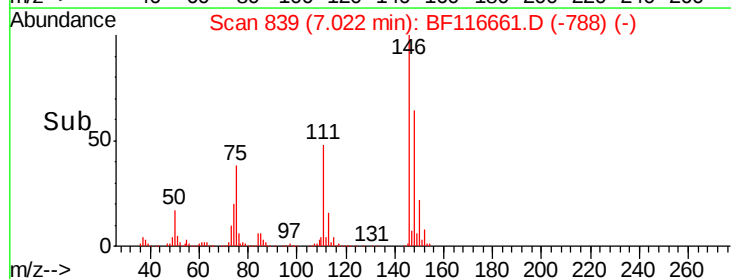
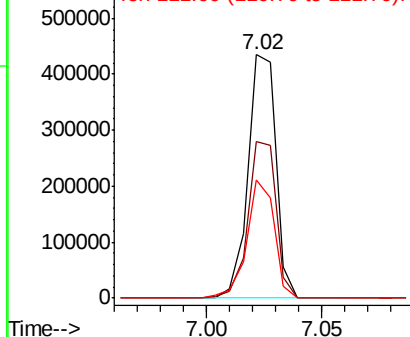
146 100

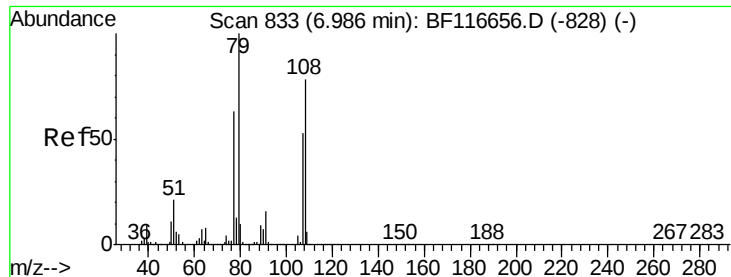
148 64.5 52.6 78.8

111 48.3 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 41.477 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

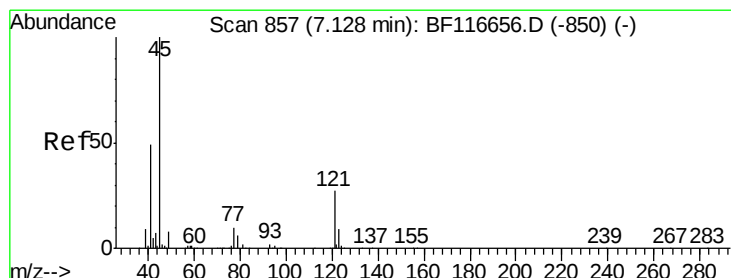
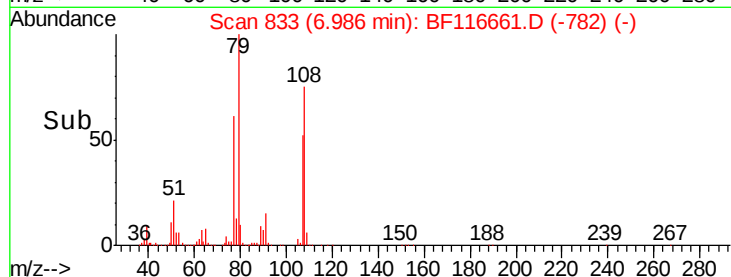
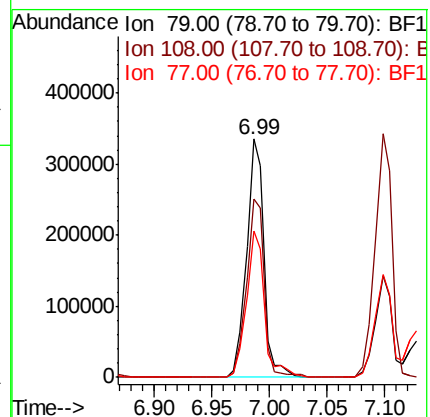
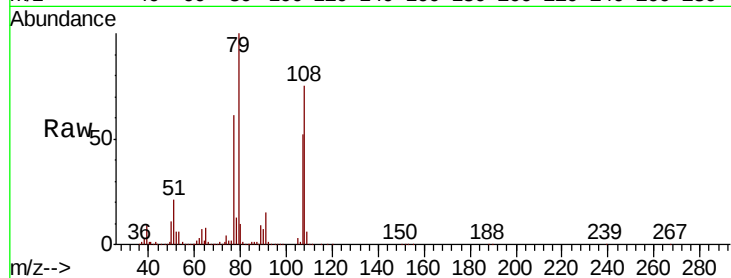
Tot Ion: 79 Resp: 351472

Ion Ratio Lower Upper

79 100

108 75.1 59.2 88.8

77 61.4 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.688 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

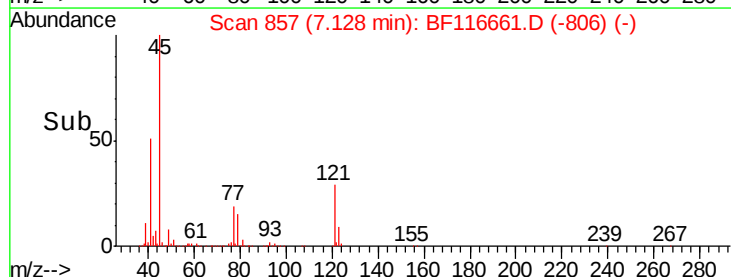
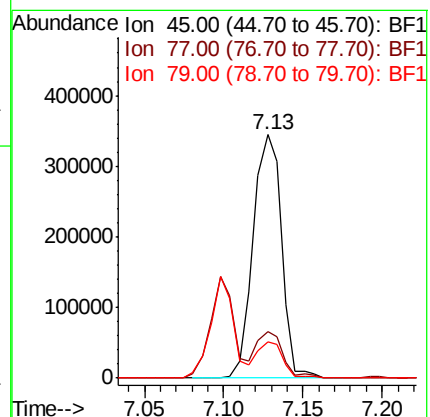
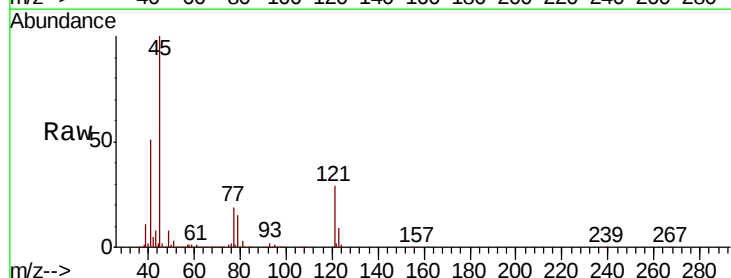
Tgt Ion: 45 Resp: 429680

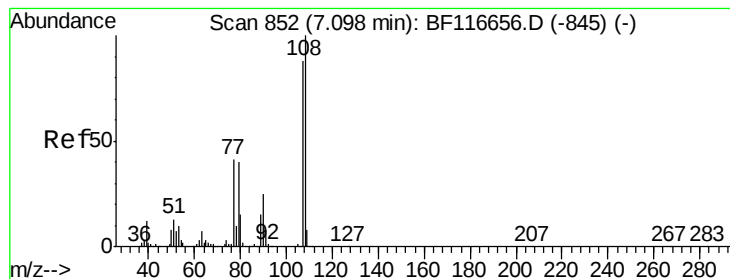
Ion Ratio Lower Upper

45 100

77 19.1 0.0 38.2

79 14.8 0.0 33.9

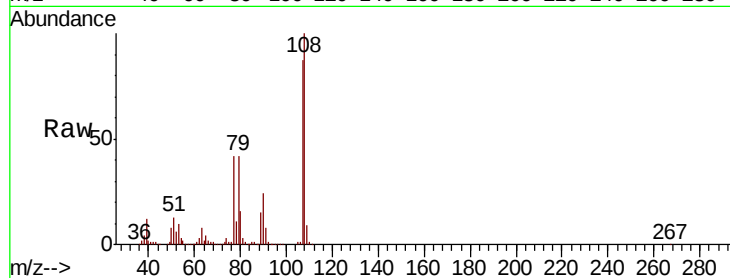




#17
2-Methylphenol
Concen: 40.102 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:	107	Resp:	304665
Ion	Ratio	Lower	Upper
107	100		
108	114.7	88.3	132.5
77	48.3	39.9	59.9
79	48.0	39.8	59.8



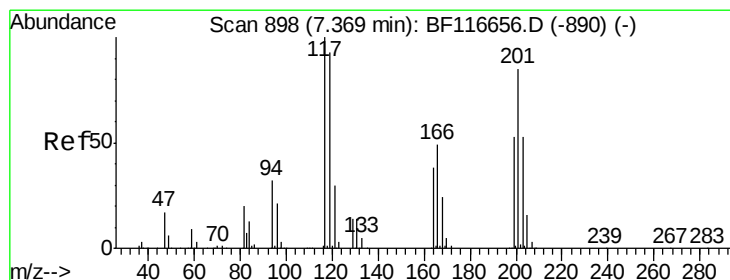
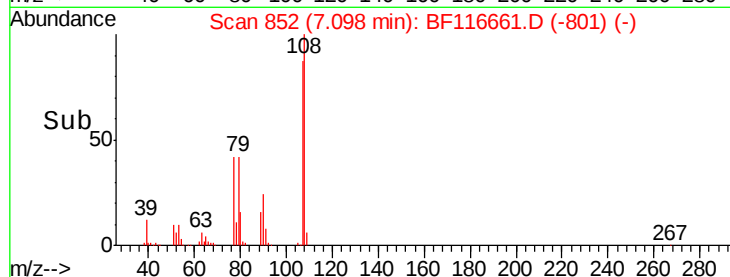
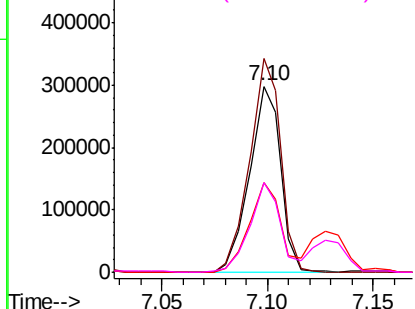
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

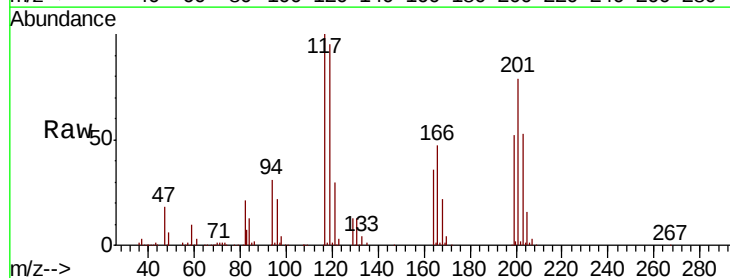
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.918 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:	117	Resp:	155241
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.9	115.3
201	79.2	79.4	119.0#

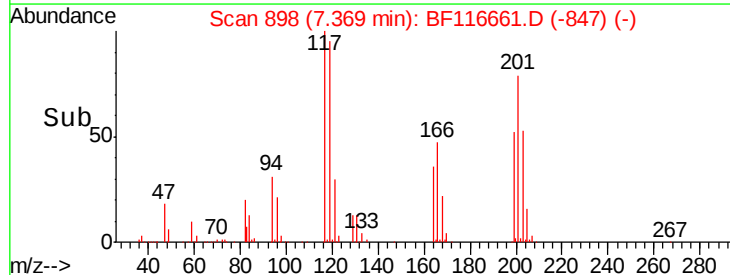
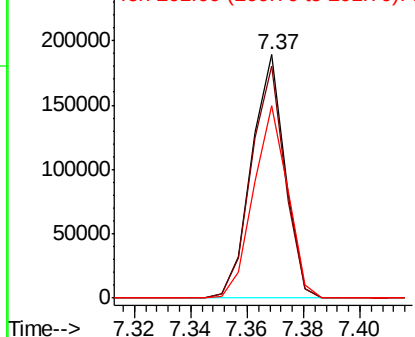


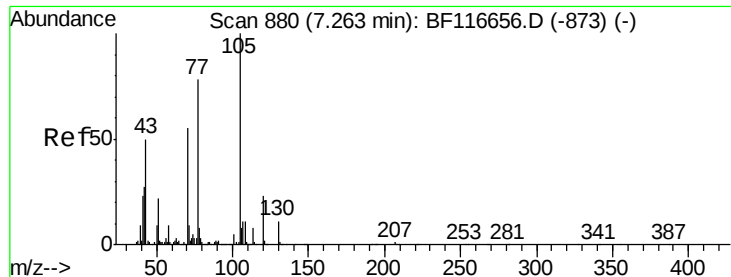
Abundance

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

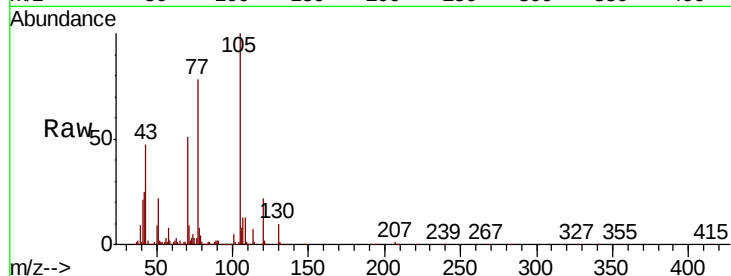




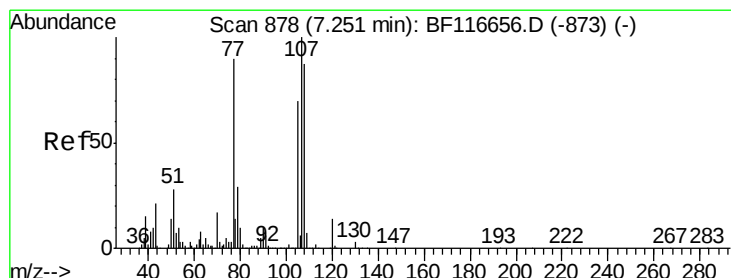
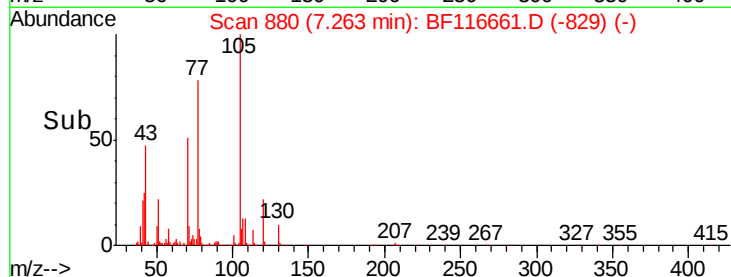
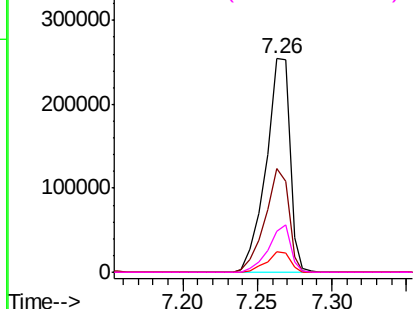
#19
n-Nitroso-di-n-propylamine
Concen: 41.044 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:	70	Resp:	282120
Ion	Ratio	Lower	Upper
70	100		
42	48.8	43.5	65.3
101	9.4	7.8	11.6
130	19.4	16.6	24.8

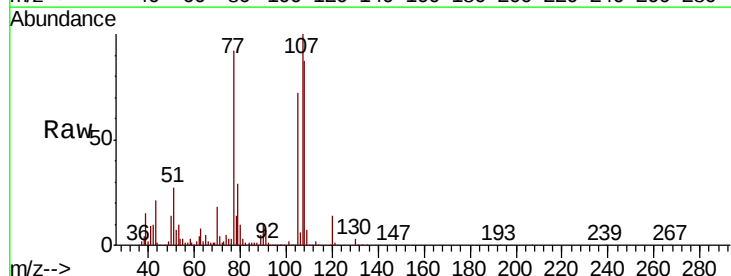


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

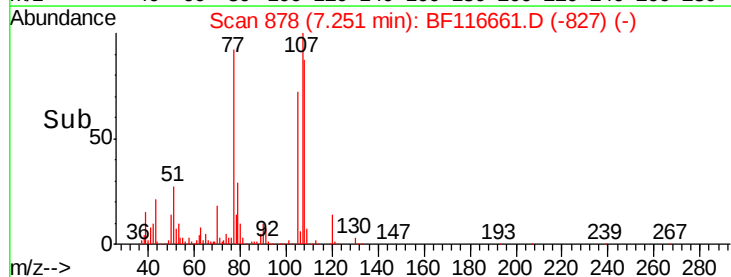
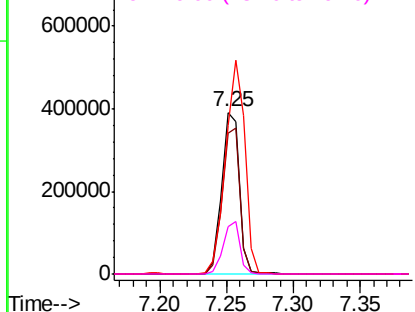


#20
3+4-Methylphenols
Concen: 41.619 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:	107	Resp:	367641
Ion	Ratio	Lower	Upper
107	100		
108	86.8	65.5	105.5
77	91.9	69.4	109.4
79	29.1	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

Tot Ion:136 Resp: 545030

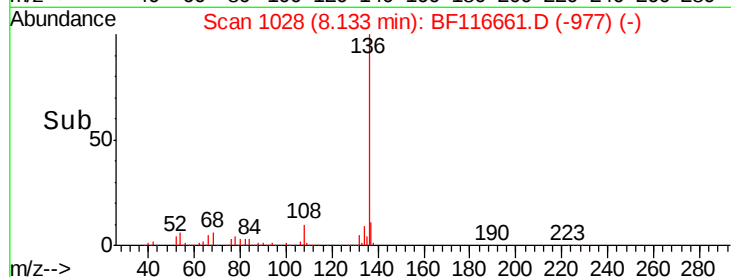
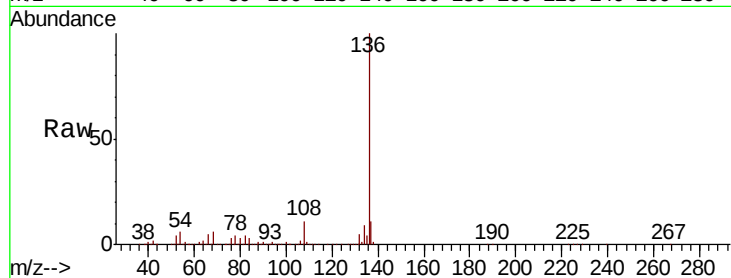
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.3 4.8 7.2

68 5.7 4.0 6.0

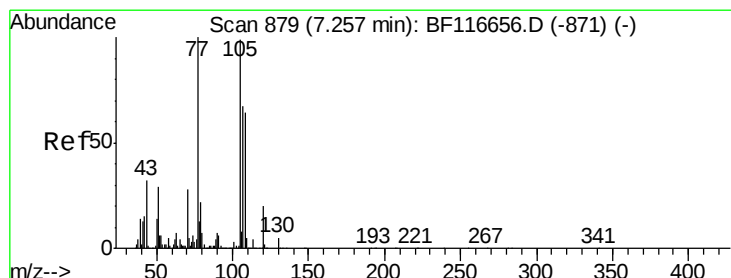
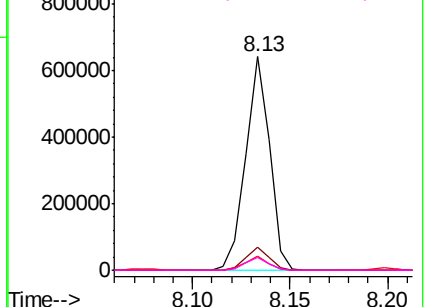


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.226 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Tgt Ion:105 Resp: 527831

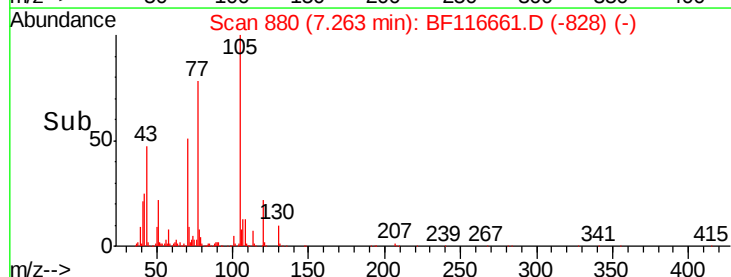
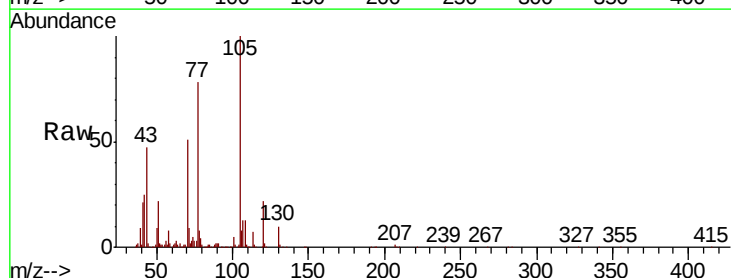
Ion Ratio Lower Upper

105 100

71 8.9 4.2 6.4#

51 21.8 25.8 38.8#

120 22.1 16.4 24.6

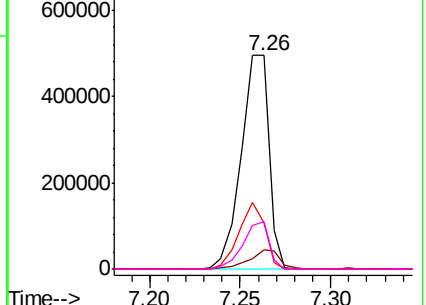


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

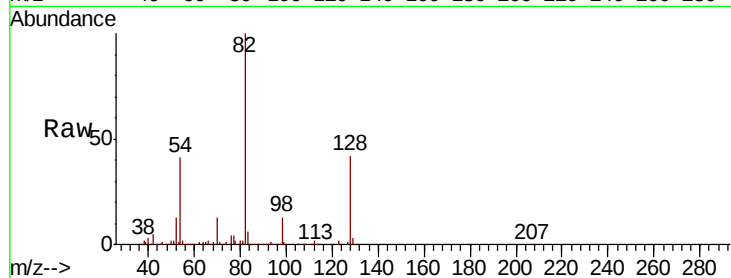




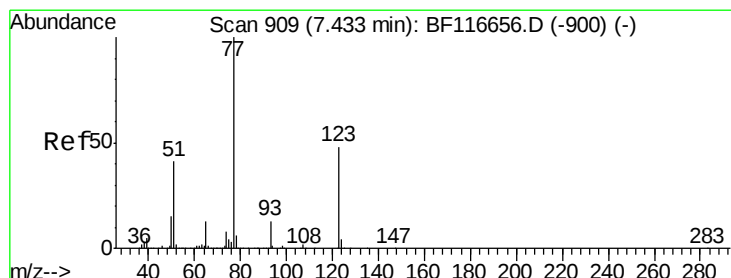
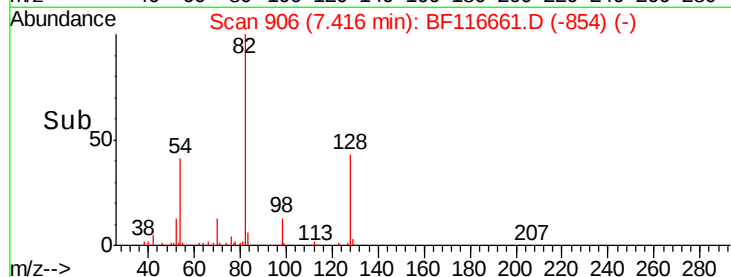
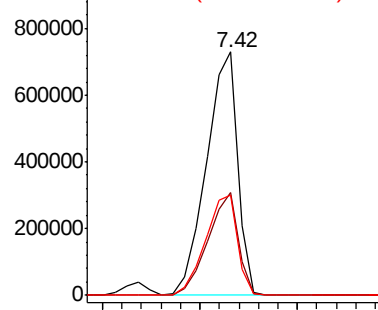
#23
Nitrobenzene-d5
Concen: 84.490 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.8	49.2
54	41.0	36.9	55.3

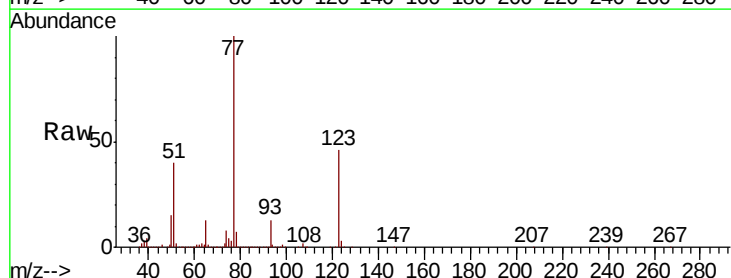


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

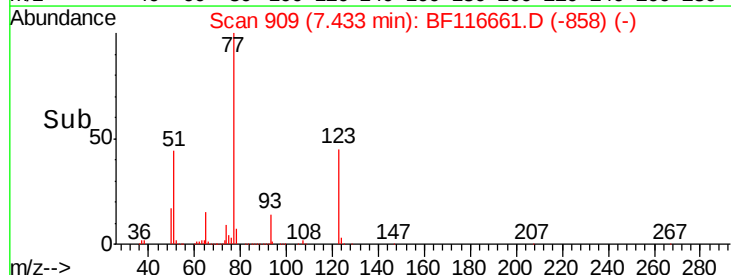
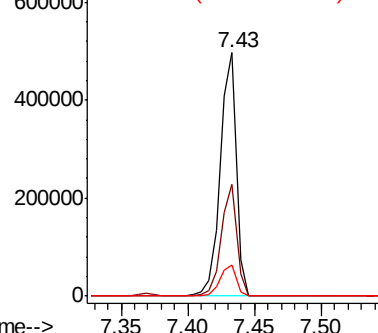


#24
Nitrobenzene
Concen: 42.157 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.1	49.7
65	13.0	10.6	15.8



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





#25

Isophorone

Concen: 39.636 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

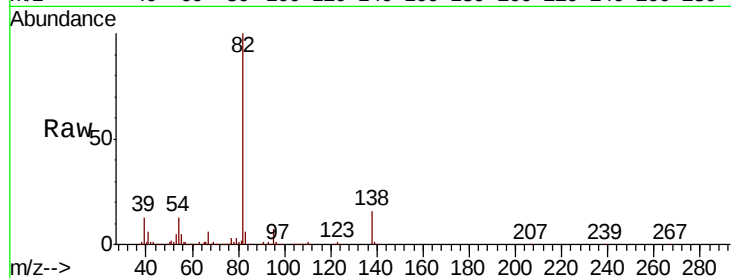
Tot Ion: 82 Resp: 766811

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

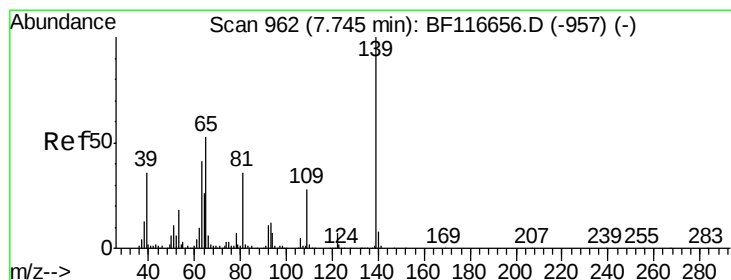
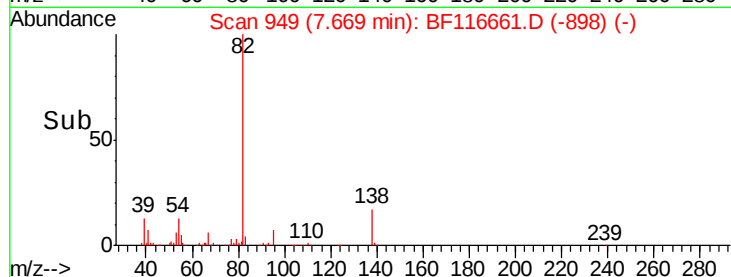
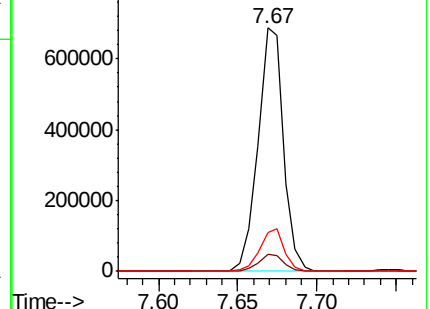
138 16.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.665 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

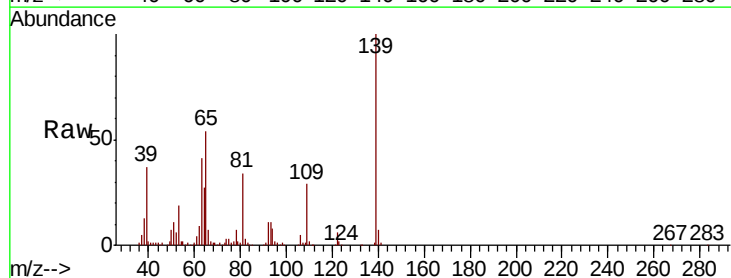
Tgt Ion: 139 Resp: 161242

Ion Ratio Lower Upper

139 100

109 29.5 27.1 40.7

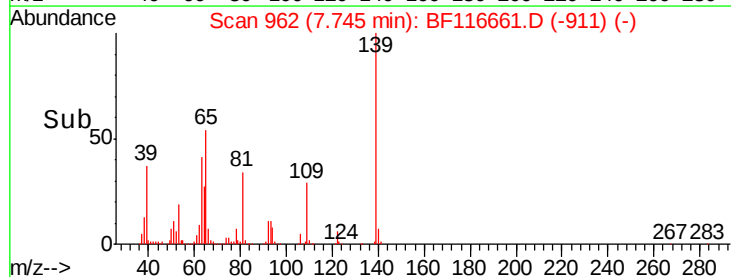
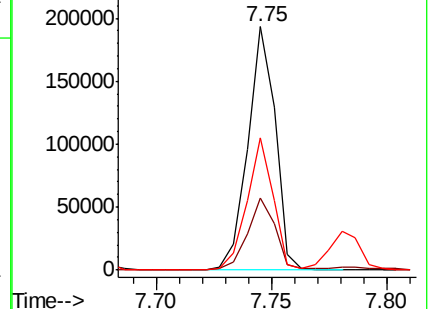
65 54.5 43.0 64.6

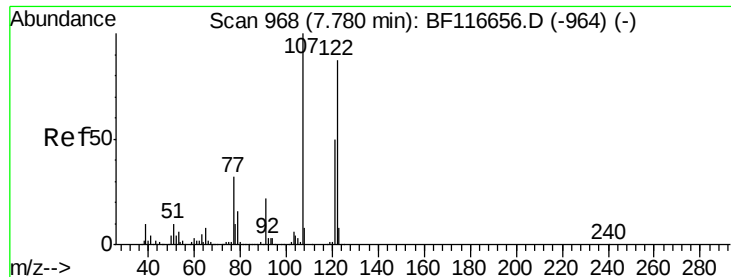


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.507 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

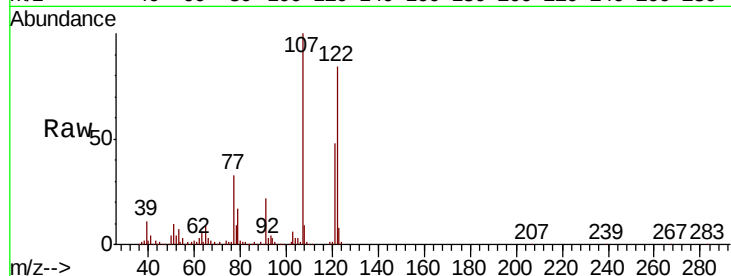
Tot Ion:122 Resp: 295324

Ion Ratio Lower Upper

122 100

107 118.4 98.1 147.1

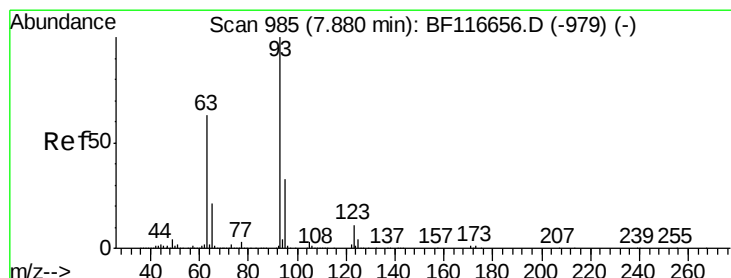
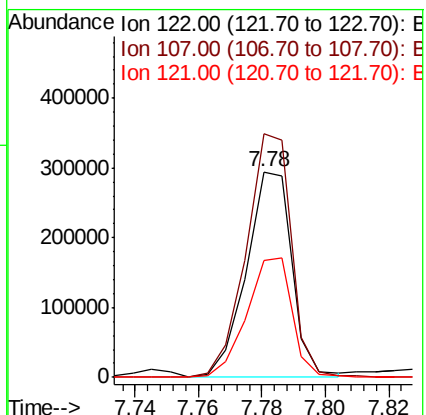
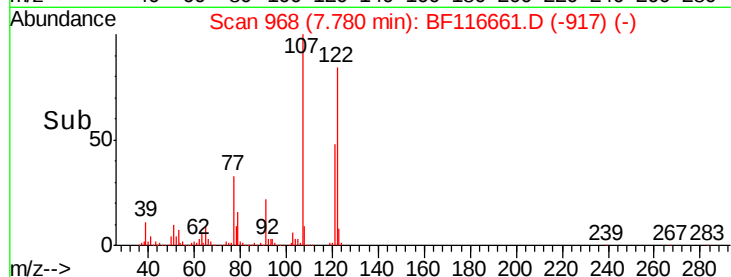
121 56.7 47.3 70.9



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: 40.327 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

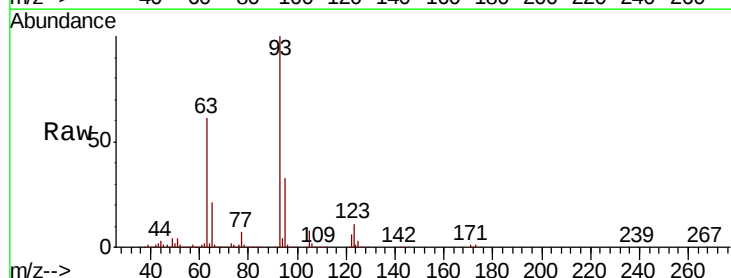
Tgt Ion: 93 Resp: 476764

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

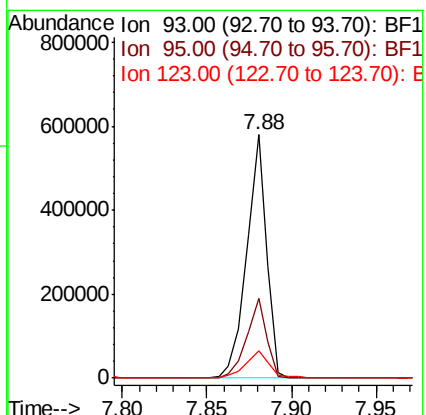
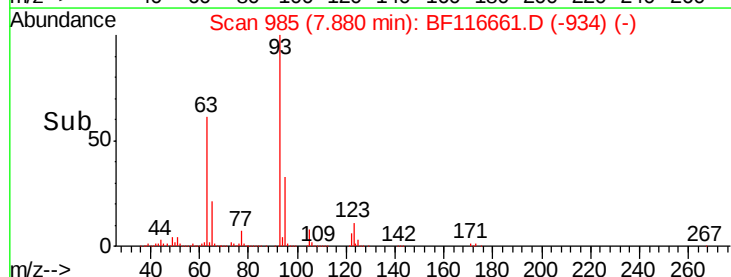
123 11.5 9.8 14.8

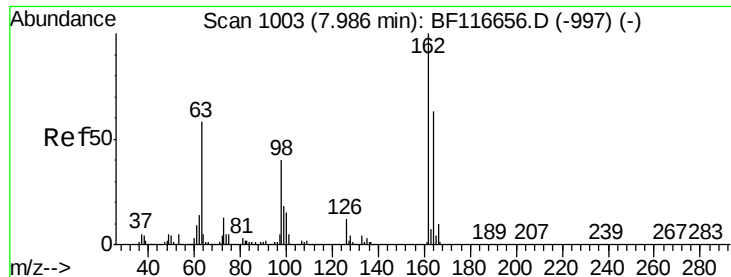


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

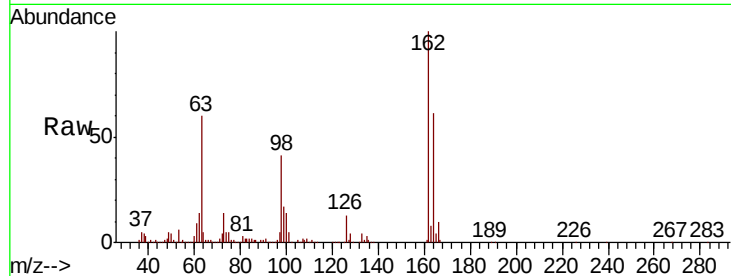




#29
2,4-Dichlorophenol
Concen: 40.892 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	43.4	83.4
98	41.4	18.1	58.1

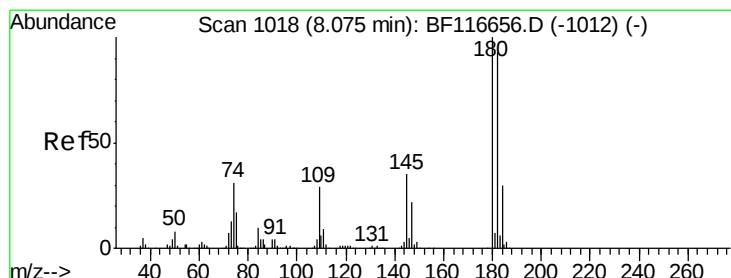
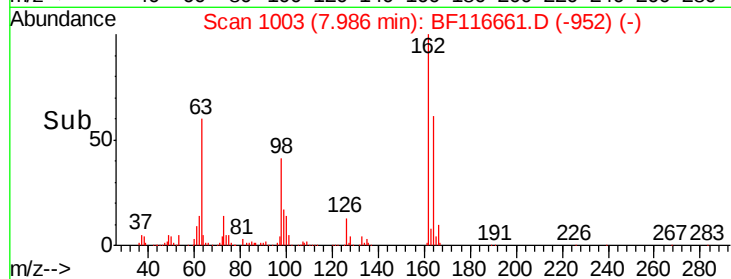
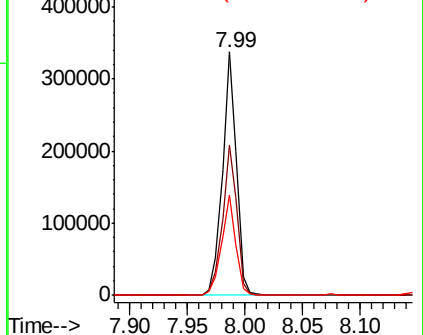


Abundance

Ion 162.00 (161.70 to 162.70): E

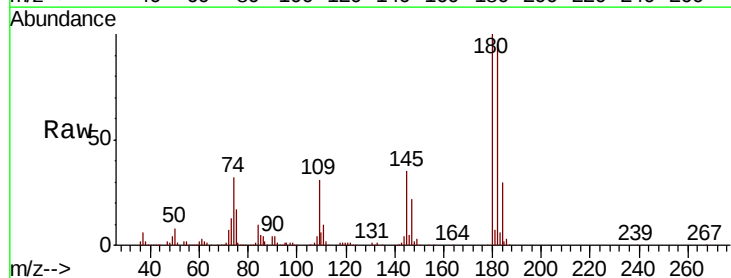
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.723 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.6	118.0
145	35.1	25.7	38.5

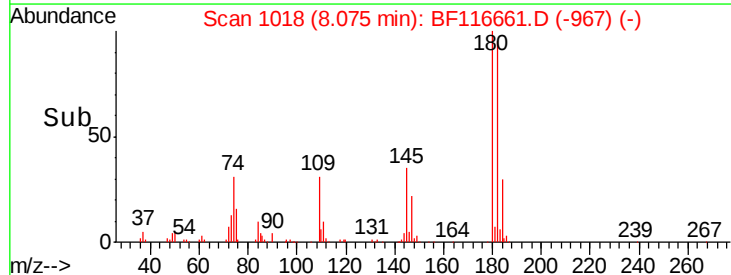
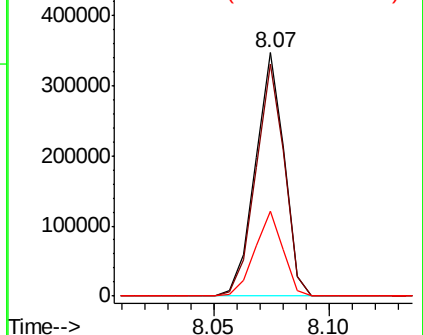


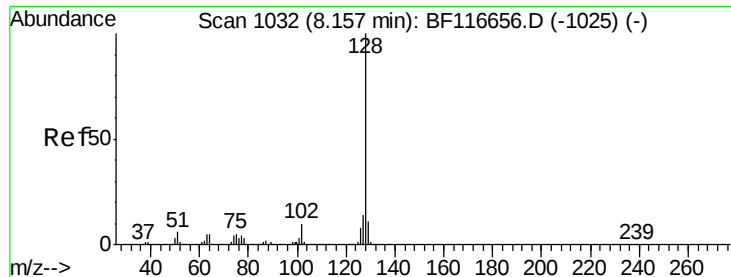
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.357 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

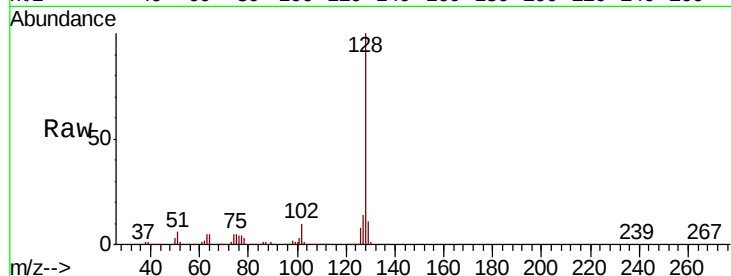
Tot Ion:128 Resp: 1045931

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

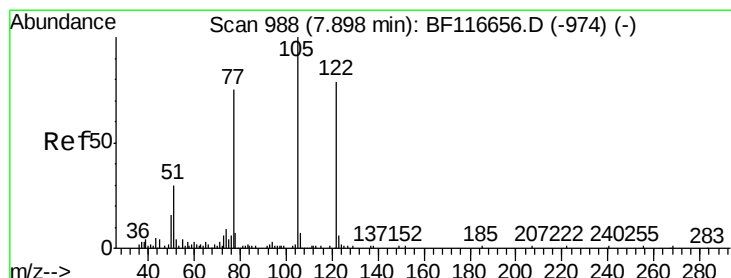
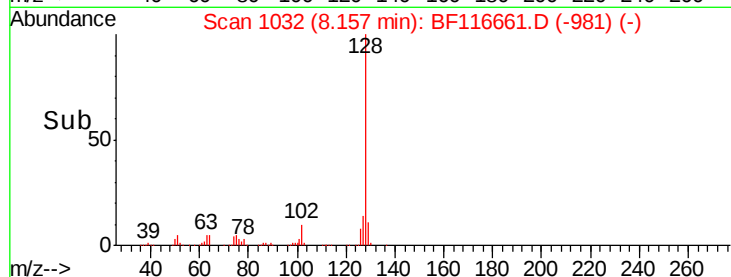
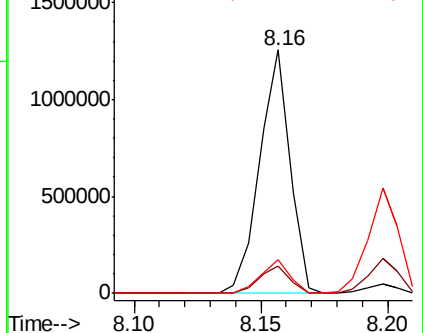
127 13.7 10.4 15.6



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: 40.893 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

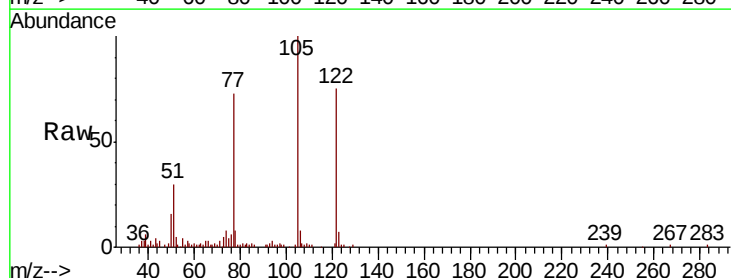
Tgt Ion:122 Resp: 168340

Ion Ratio Lower Upper

122 100

105 132.8 110.0 150.0

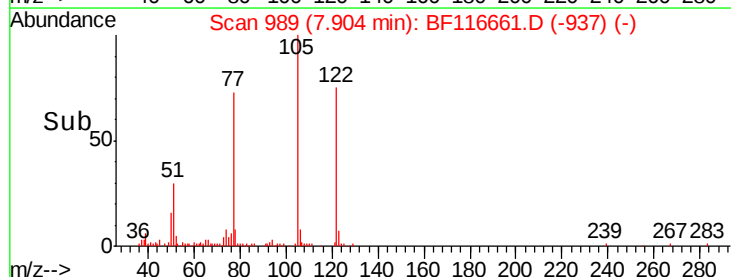
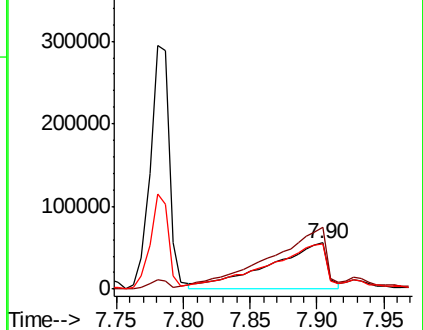
77 97.4 81.7 121.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

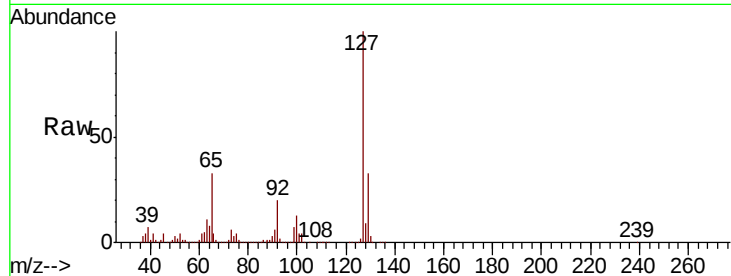




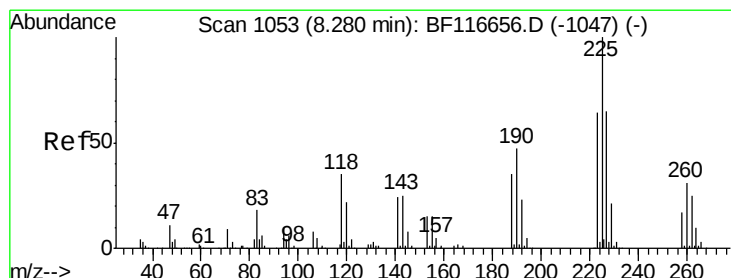
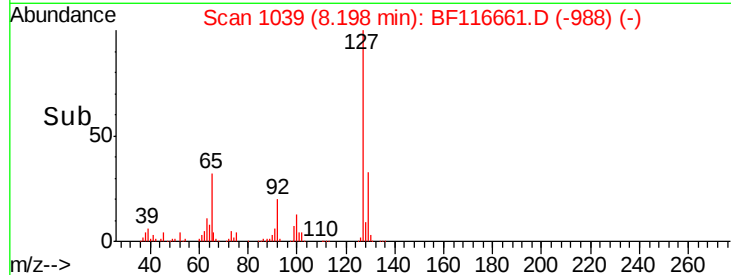
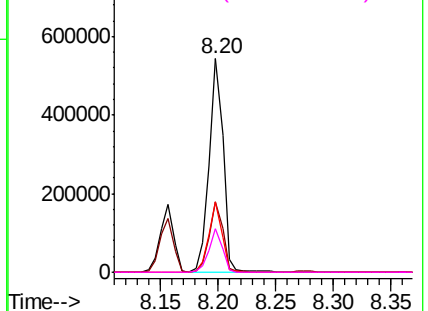
#33
 4-Chloroaniline
 Concen: 39.235 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Tot Ion:127	Resp:	462860
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.2 39.2
65	32.7	26.0 39.0
92	20.2	16.1 24.1

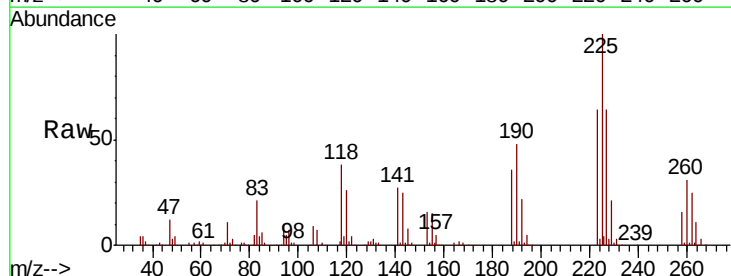


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

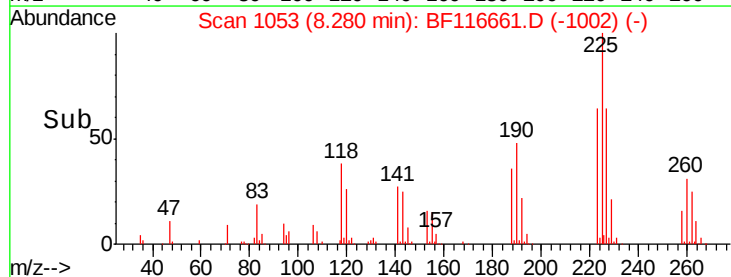
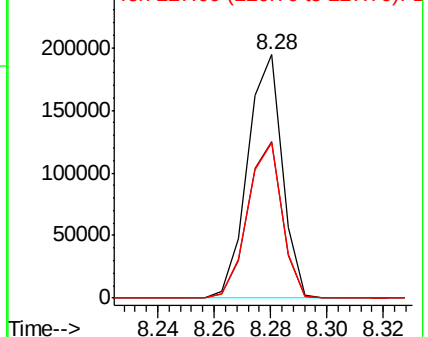


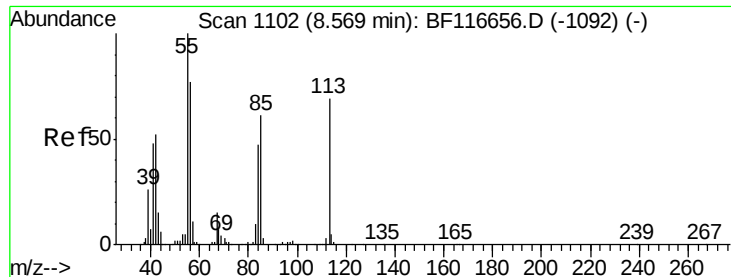
#34
 Hexachlorobutadiene
 Concen: 39.878 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion:225	Resp:	165240
Ion Ratio	Lower	Upper
225	100	
223	64.3	49.4 74.2
227	63.9	51.0 76.4



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





#35

Caprolactam

Concen: 40.062 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

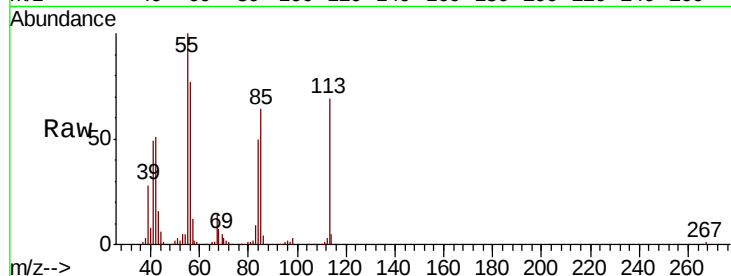
Tot Ion:113 Resp: 105050

Ion Ratio Lower Upper

113 100

55 145.0 124.3 164.3

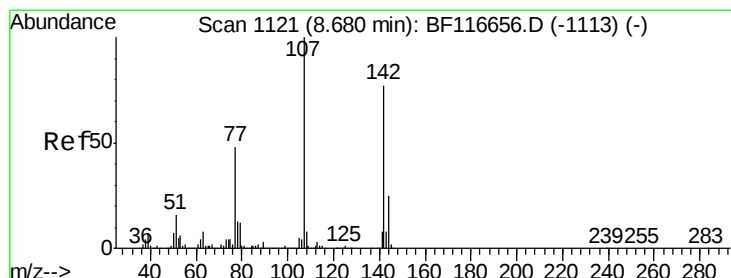
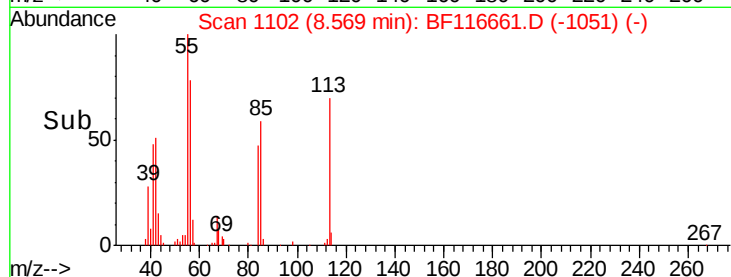
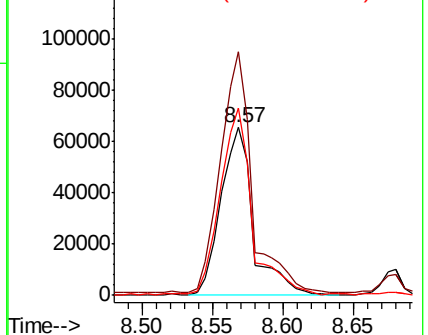
56 111.7 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.711 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

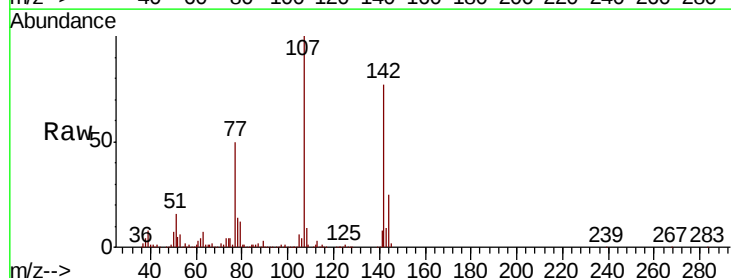
Tgt Ion:107 Resp: 327840

Ion Ratio Lower Upper

107 100

144 24.8 18.6 27.8

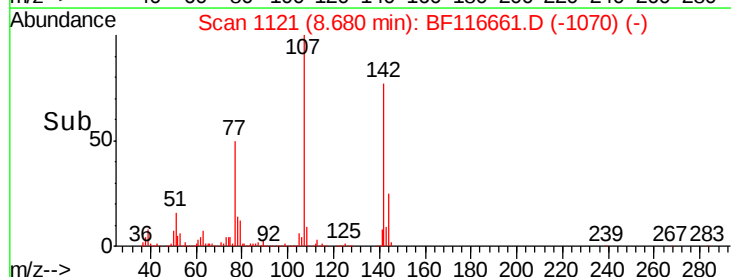
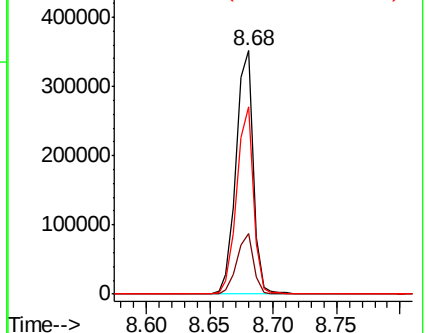
142 77.1 58.5 87.7

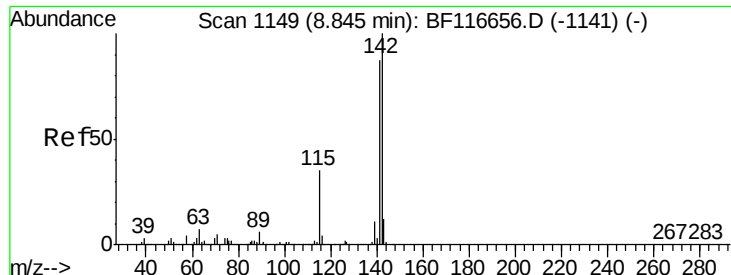


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

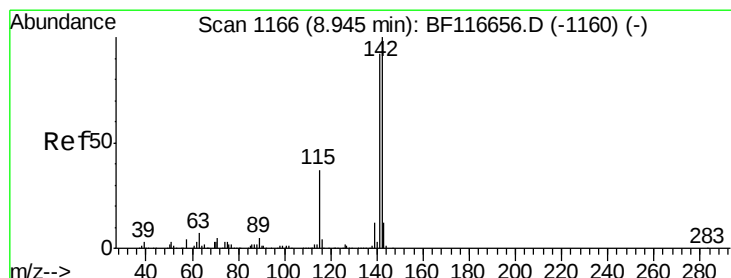
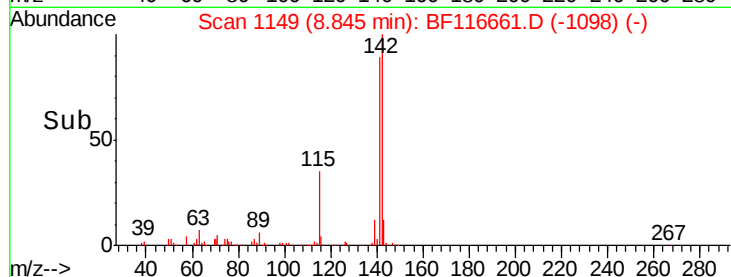
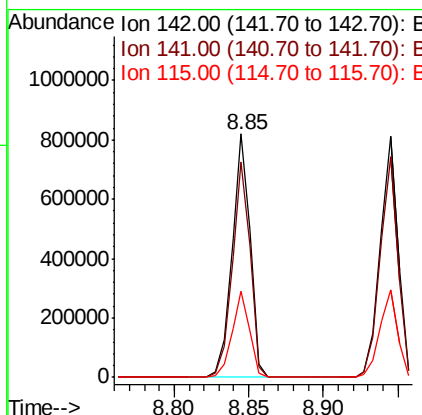
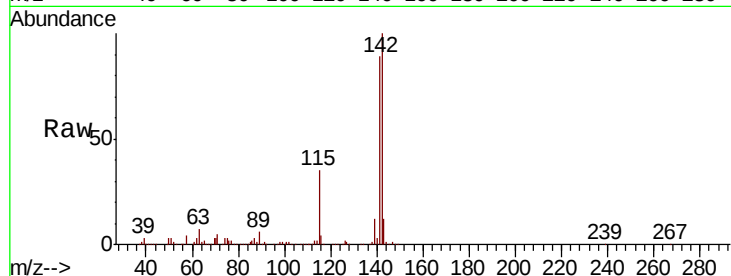




#37
2-Methylnaphthalene
Concen: 40.517 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

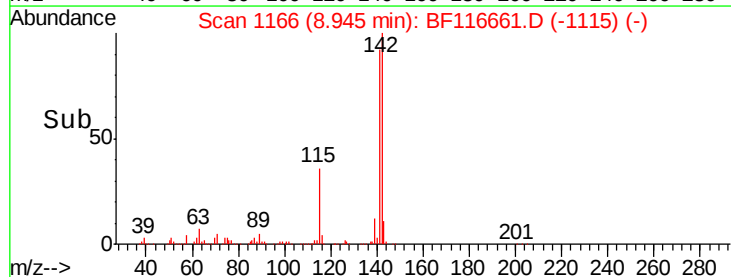
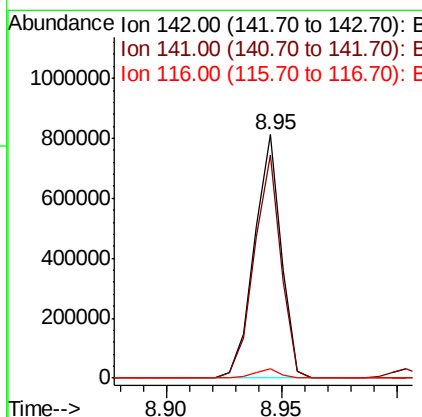
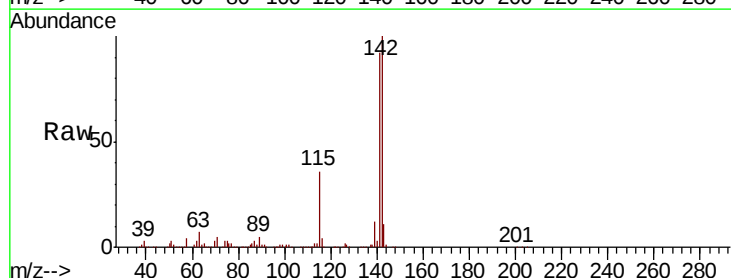
Instrument :
BNA_F
ClientSampleId :
ICVBF083019

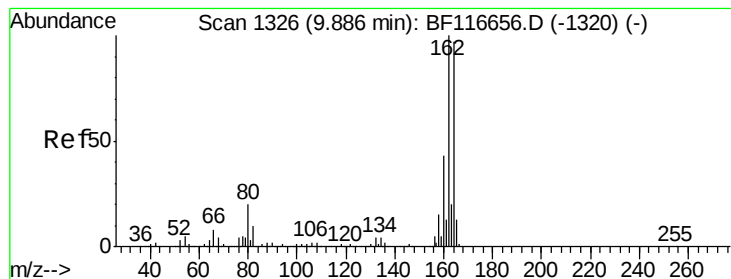
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	109.0
115	35.3	29.8	44.6



#38
1-Methylnaphthalene
Concen: 40.633 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

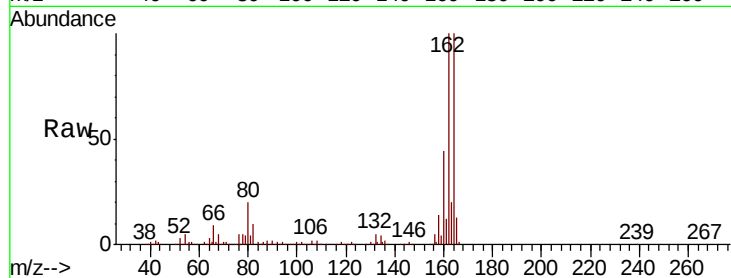
Tot Ion:164 Resp: 277638

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

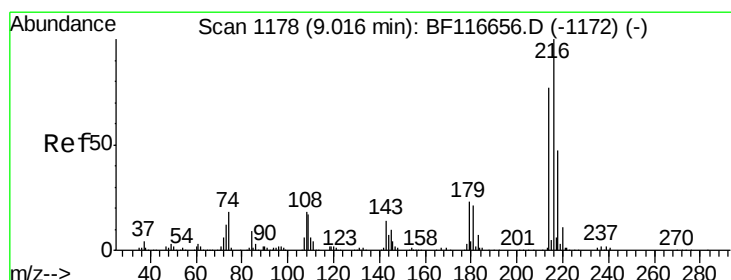
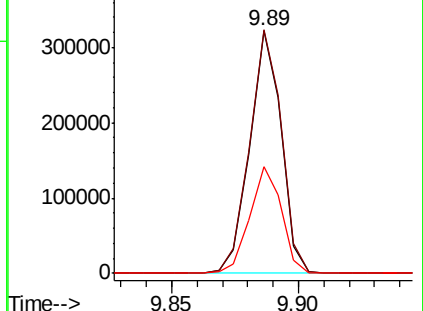
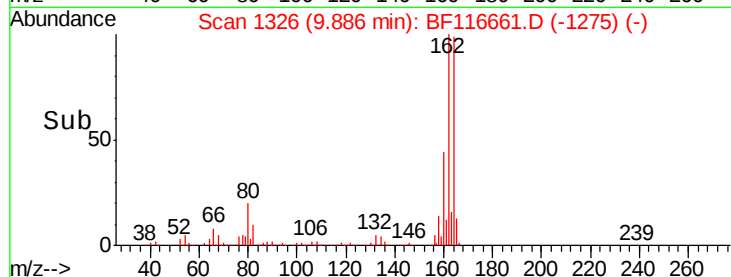
160 43.8 35.4 53.2



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: 38.860 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Tgt Ion:216 Resp: 258631

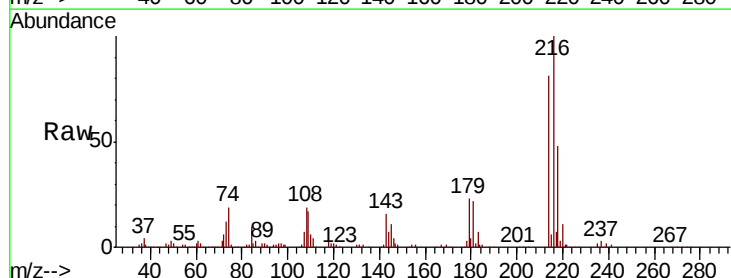
Ion Ratio Lower Upper

216 100

214 80.6 62.7 94.1

179 24.3 19.3 28.9

108 25.1 16.6 25.0#

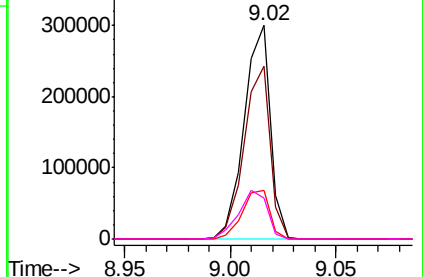
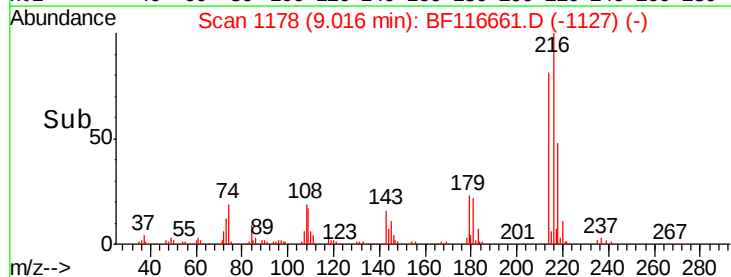


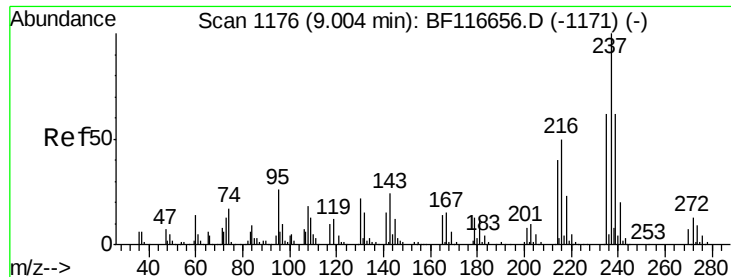
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.263 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

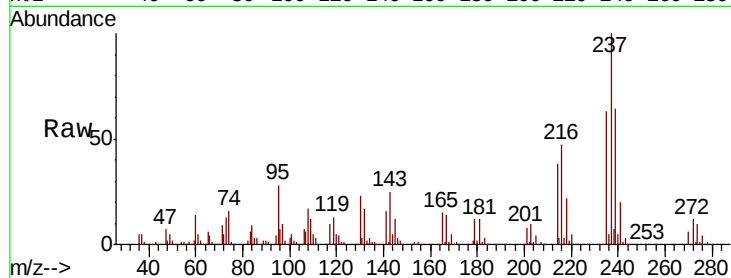
Tot Ion:237 Resp: 154746

Ion Ratio Lower Upper

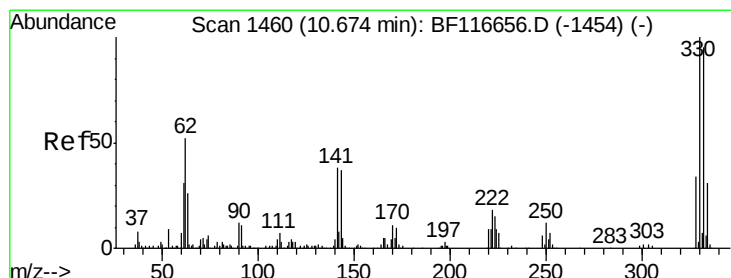
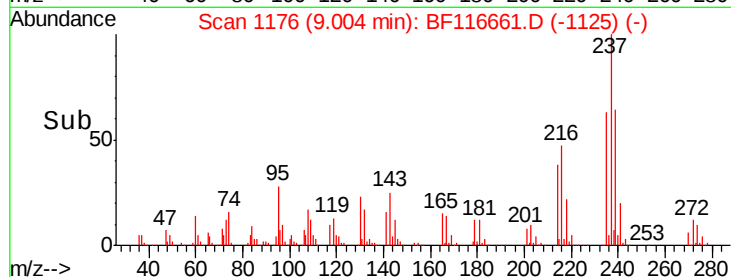
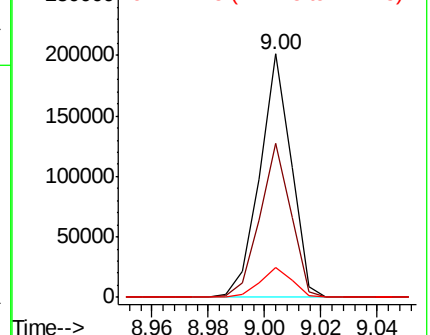
237 100

235 63.3 41.4 81.4

272 12.3 0.0 32.8



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: 85.227 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

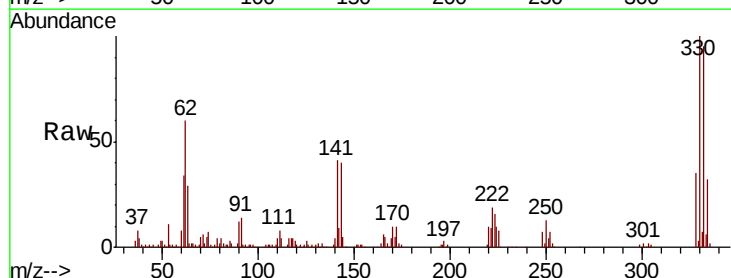
Tgt Ion:330 Resp: 158187

Ion Ratio Lower Upper

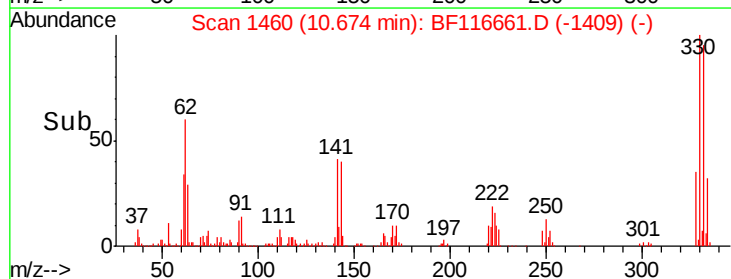
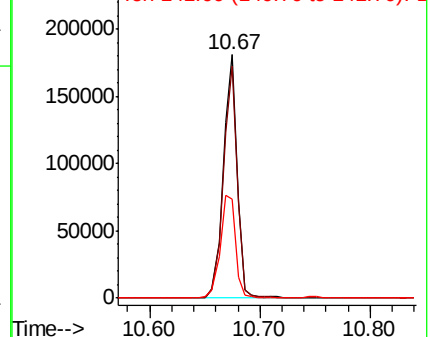
330 100

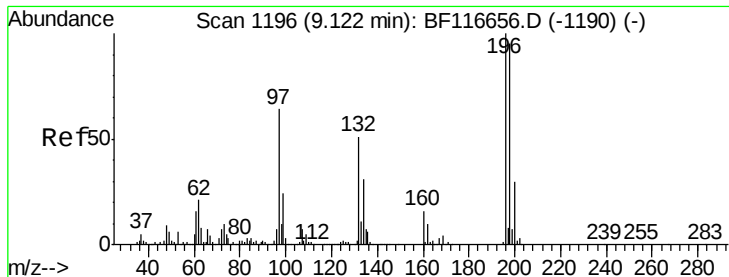
332 95.4 76.9 115.3

141 46.4 31.4 47.2



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

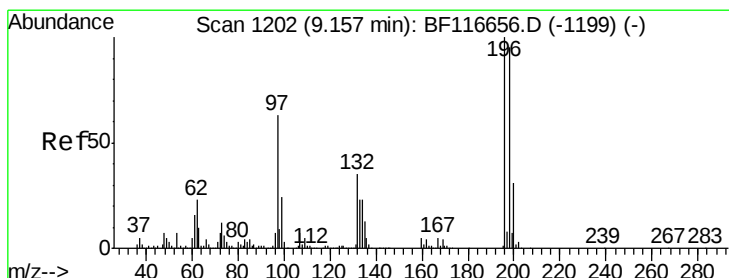
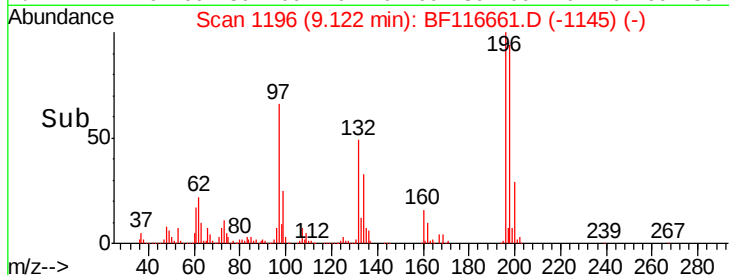
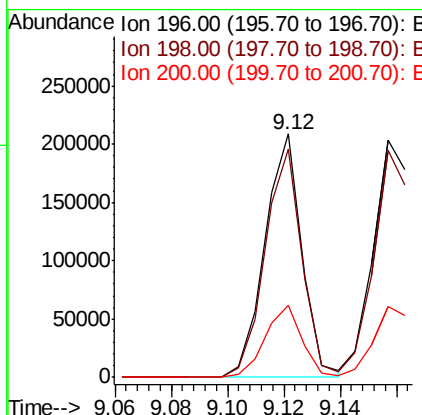
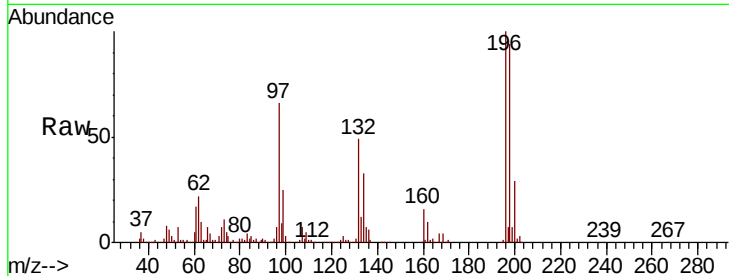




#43
 2,4,6-Trichlorophenol
 Concen: 41.465 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

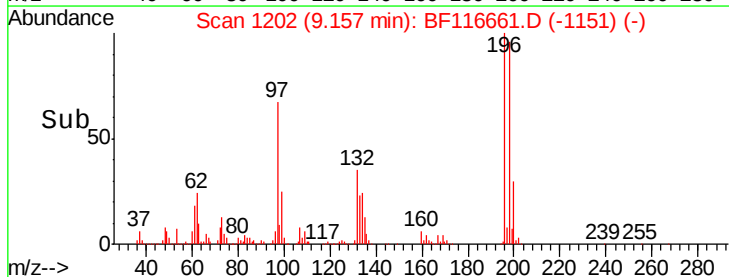
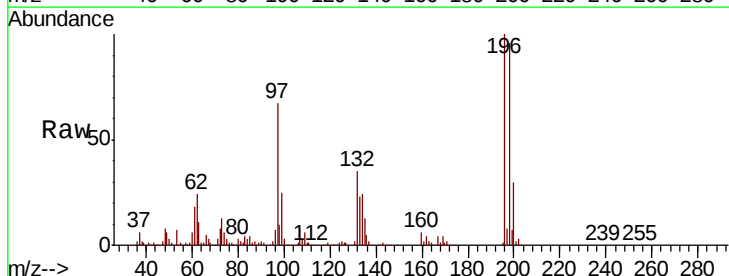
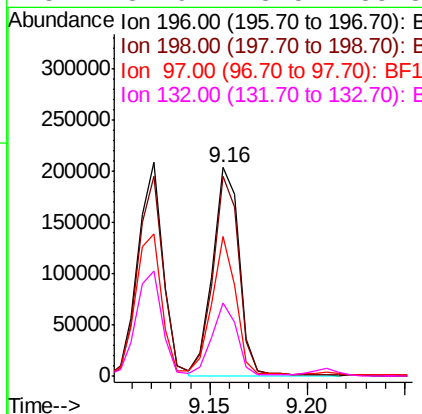
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

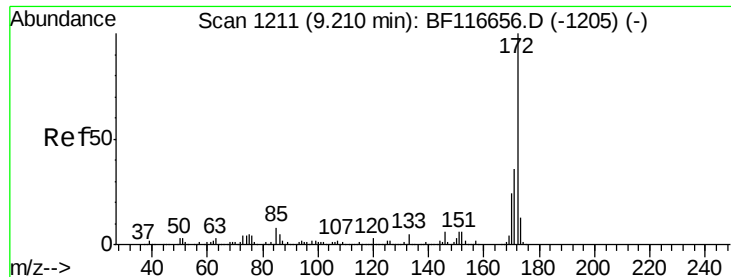
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	79.1	118.7
200	29.4	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.798 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.1	117.1
97	67.1	41.6	62.4
132	34.9	23.5	35.3

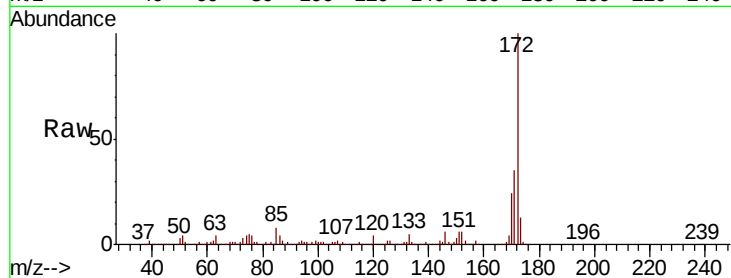




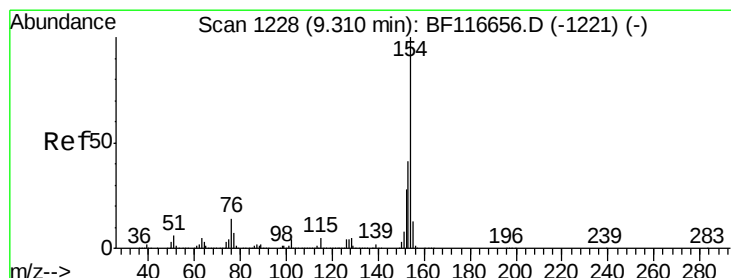
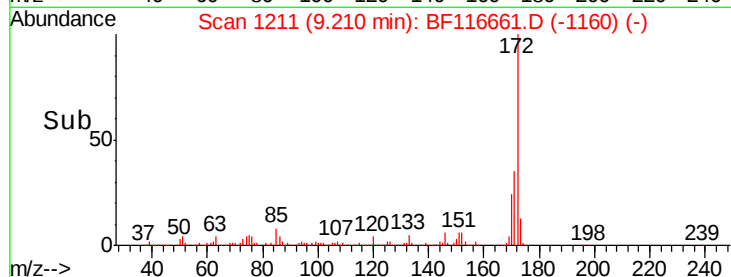
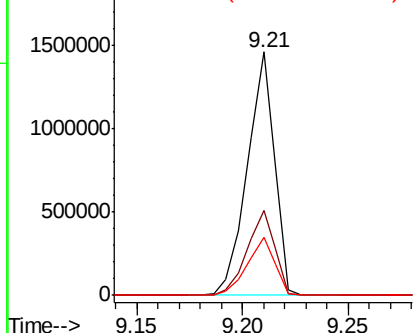
#45
 2-Fluorobiphenyl
 Concen: 79.771 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Tot Ion:172 Resp: 1312910
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 24.1 18.9 28.3

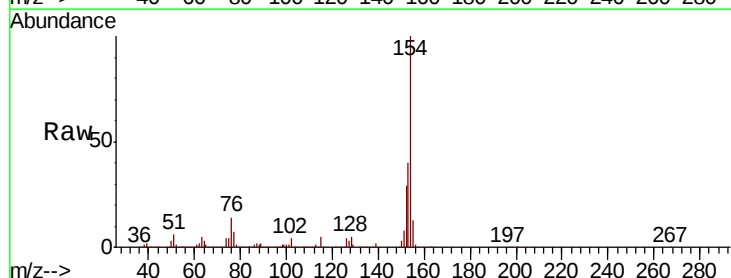


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

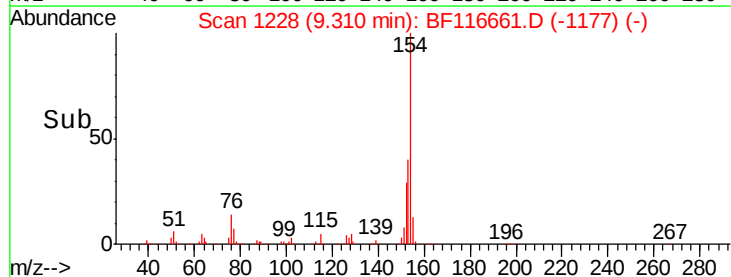
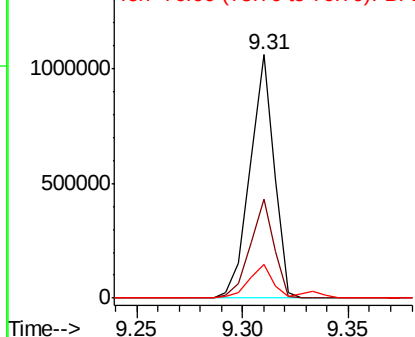


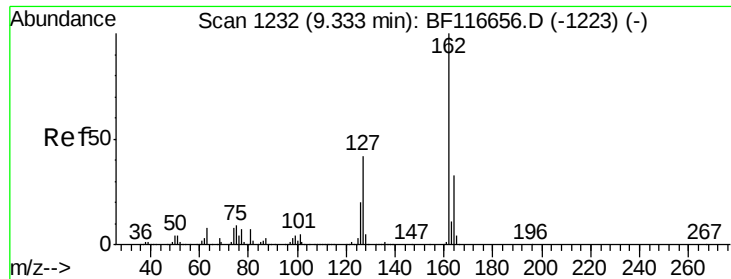
#46
 1,1'-Biphenyl
 Concen: 40.041 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion:154 Resp: 843573
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.2 61.2
 76 13.8 0.0 30.9



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

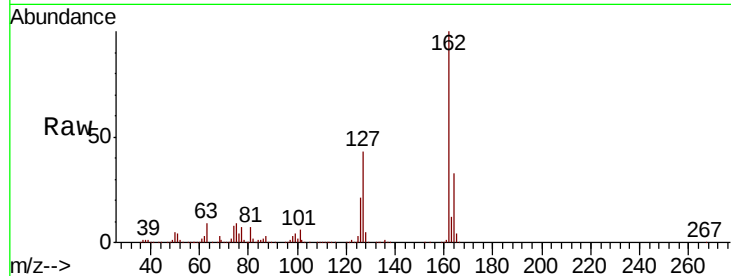




#47
2-Chloronaphthalene
Concen: 39.634 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.4	50.2
164	32.8	26.6	39.8

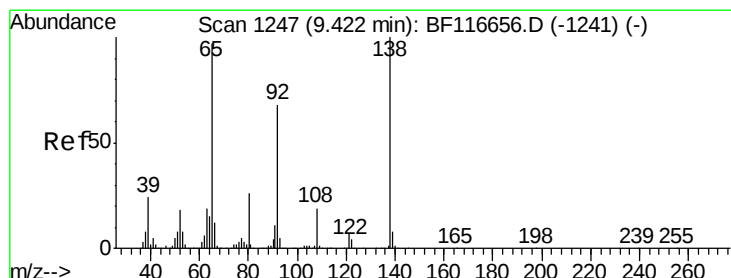
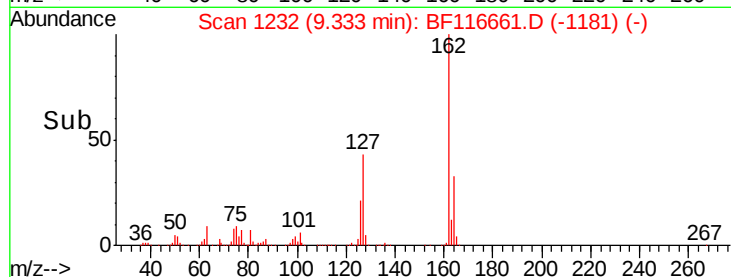
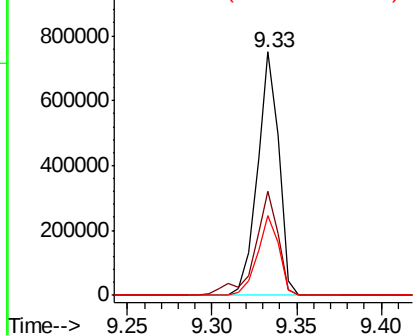


Abundance

Ion 162.00 (161.70 to 162.70): E

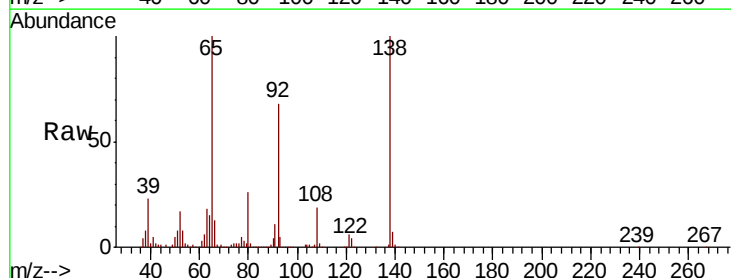
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.520 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.1	85.7
138	99.7	88.2	132.2

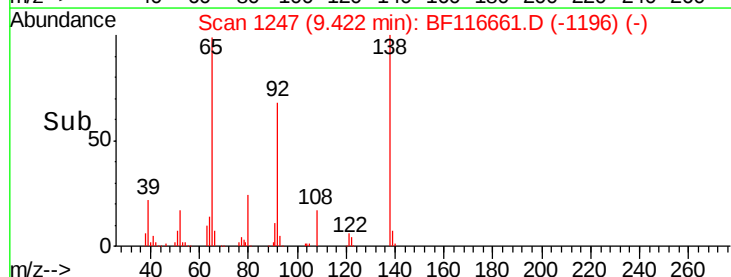
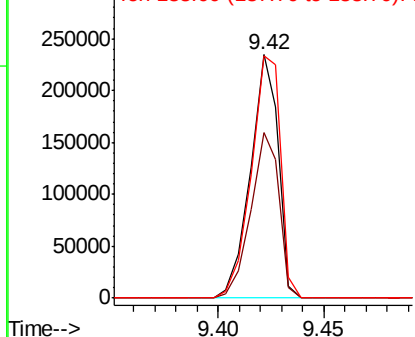


Abundance

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: 40.375 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

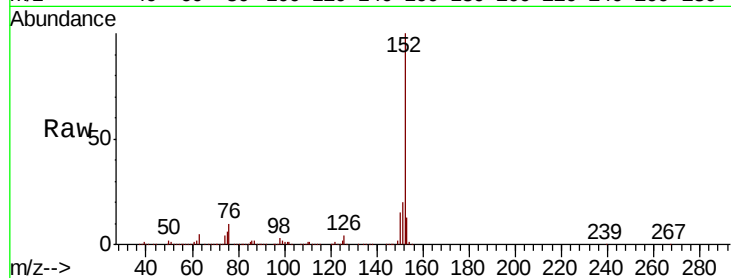
Tot Ion:152 Resp: 1018402

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

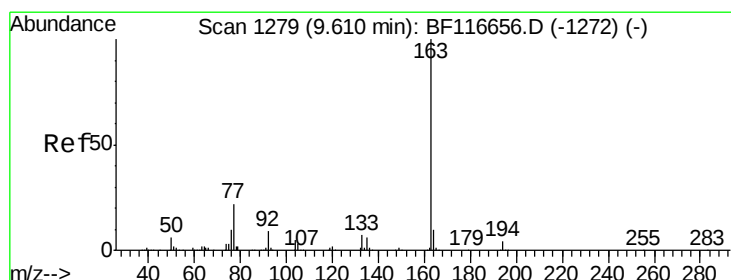
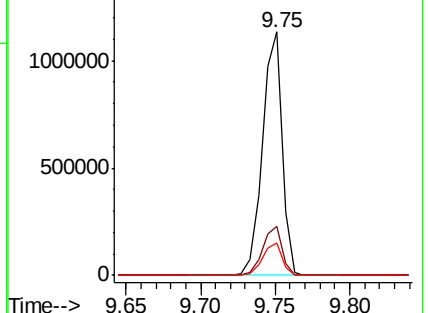
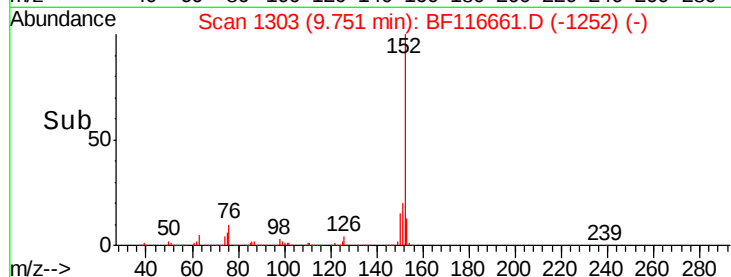
153 13.2 10.9 16.3



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: 40.082 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

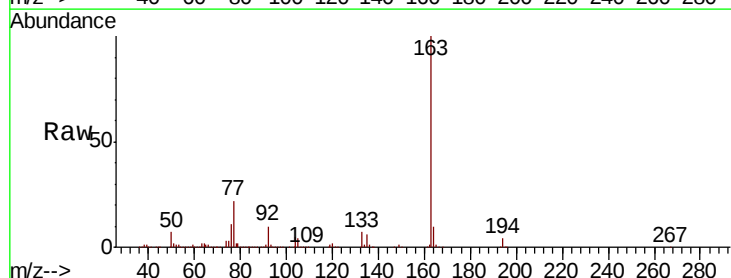
Tgt Ion:163 Resp: 768296

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

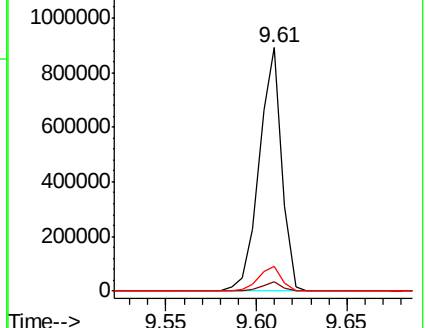
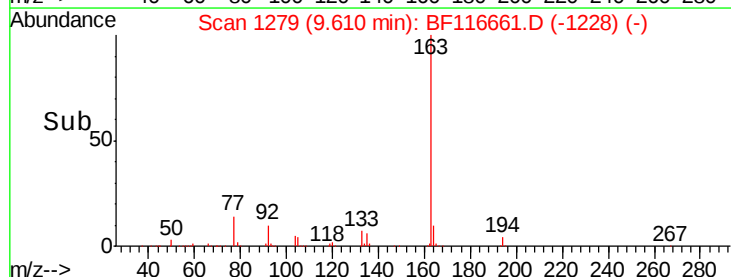
164 9.9 8.6 12.8

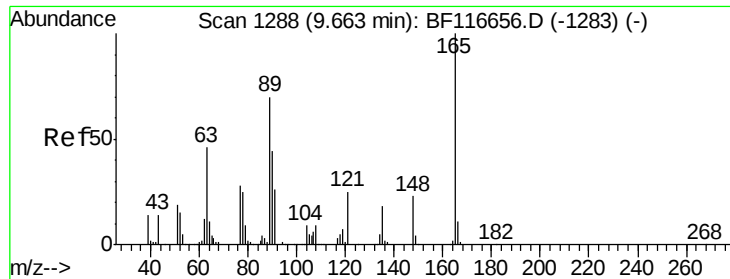


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

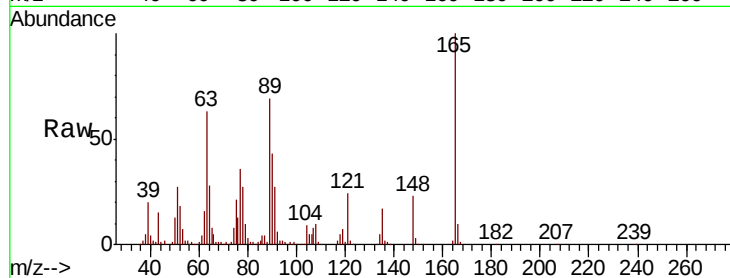




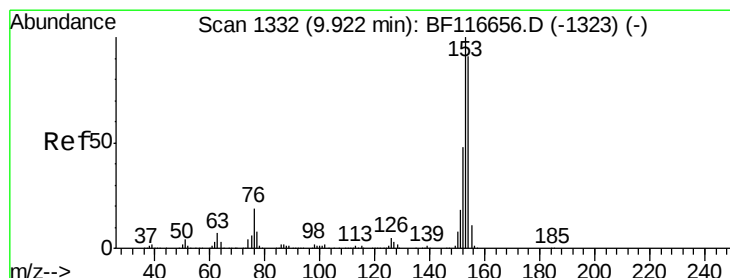
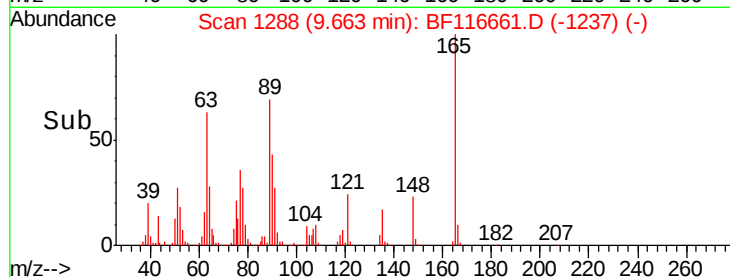
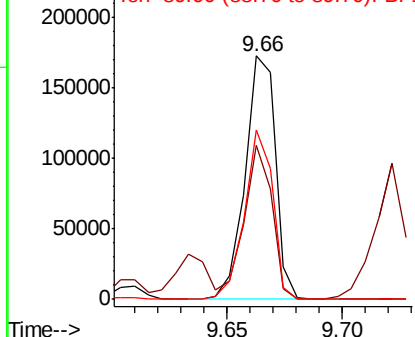
#51
2,6-Dinitrotoluene
Concen: 43.435 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.4	47.3	70.9
89	69.4	52.5	78.7

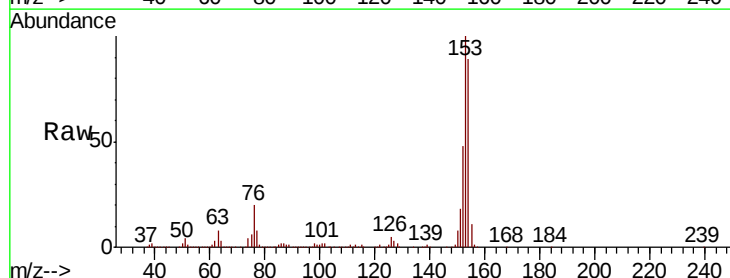


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

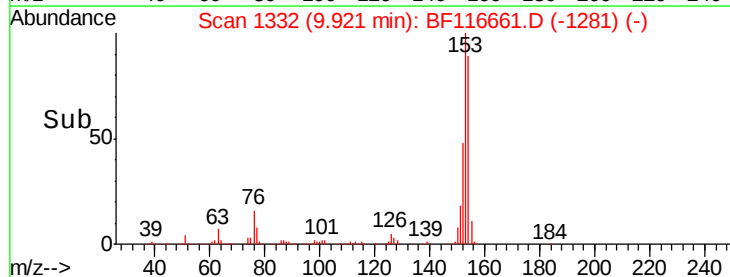
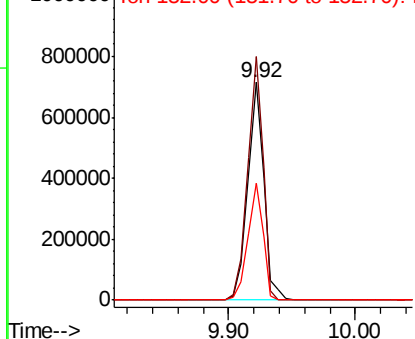


#52
Acenaphthene
Concen: 40.510 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	53.6	41.9	62.9



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

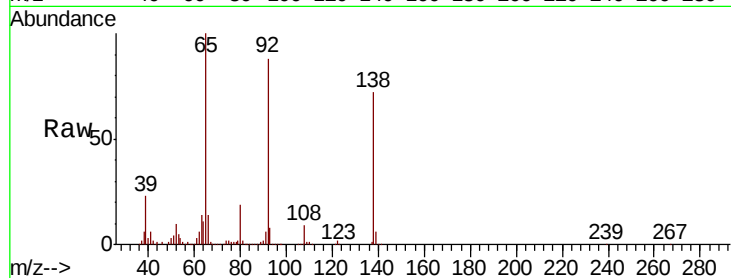




#53
3-Nitroaniline
Concen: 43.046 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.5	12.7#
92	122.2	87.2	130.8

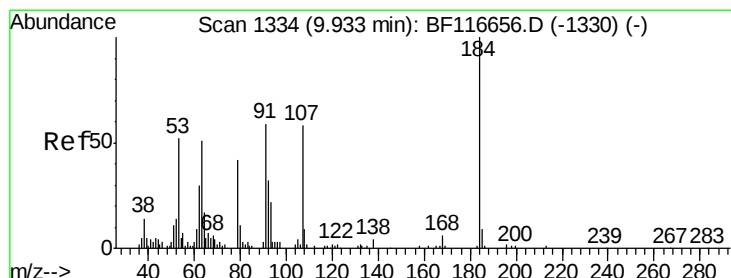
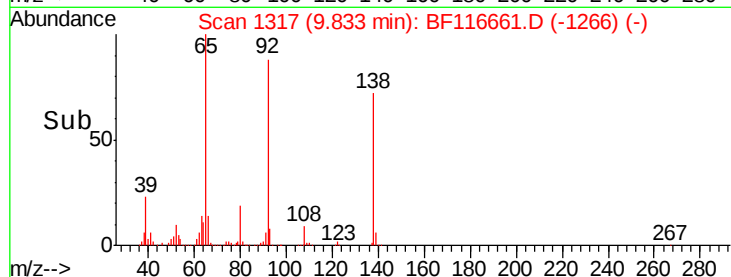
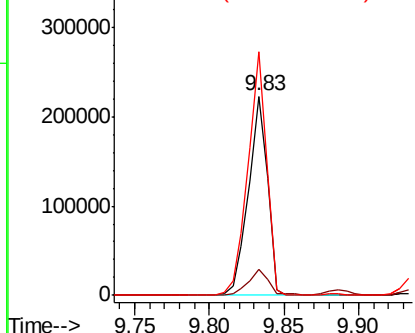


Abundance

Ion 138.00 (137.70 to 138.70): E

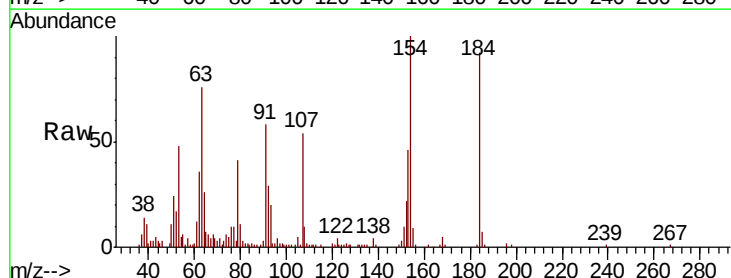
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 44.266 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.3	52.2	78.2#
154	108.2	60.8	91.2#

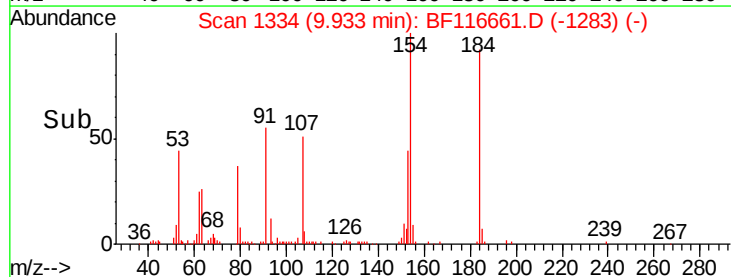
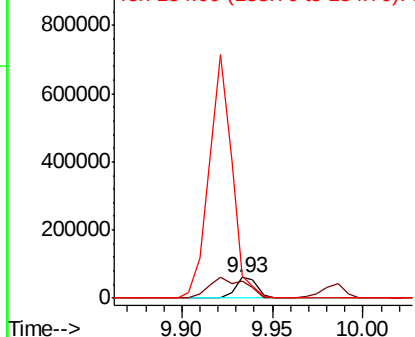


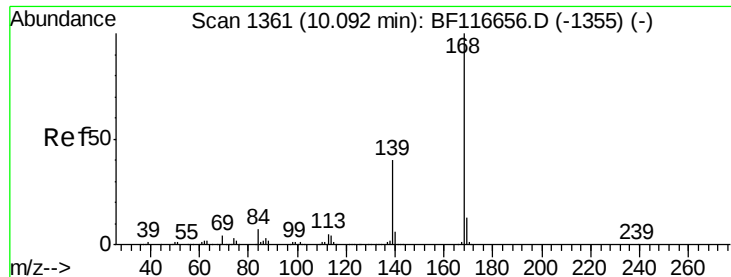
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

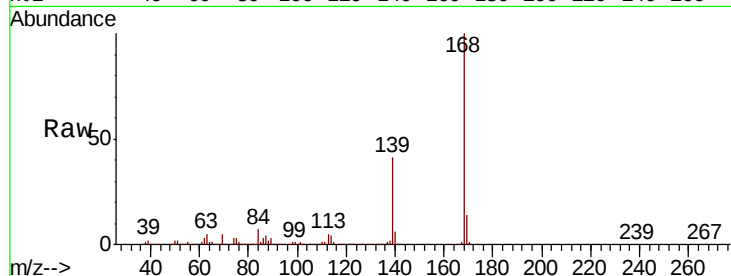




#55
Dibenzofuran
Concen: 40.146 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.5	10.3	15.5

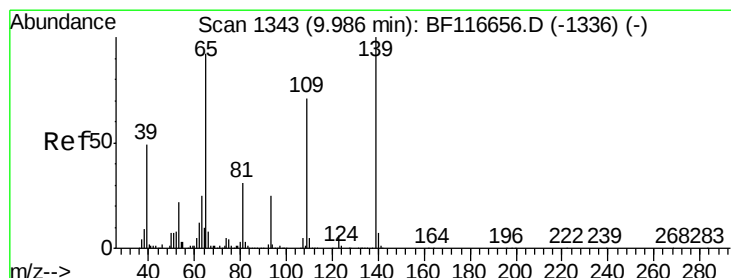
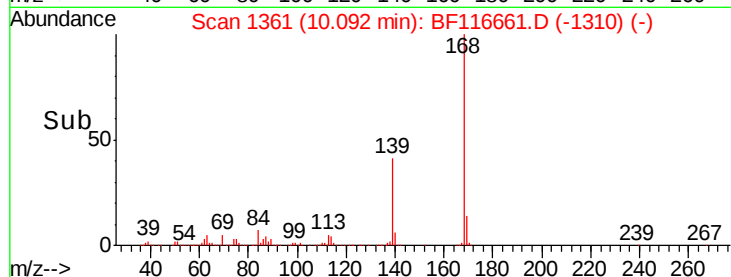
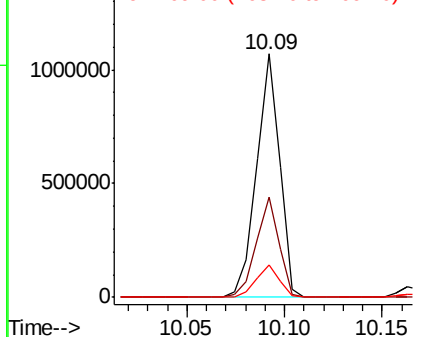


Abundance

Ion 168.00 (167.70 to 168.70): E

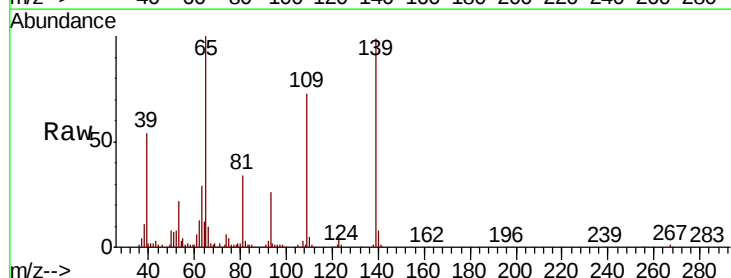
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 43.020 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.5	61.7	101.7
65	101.4	89.1	129.1

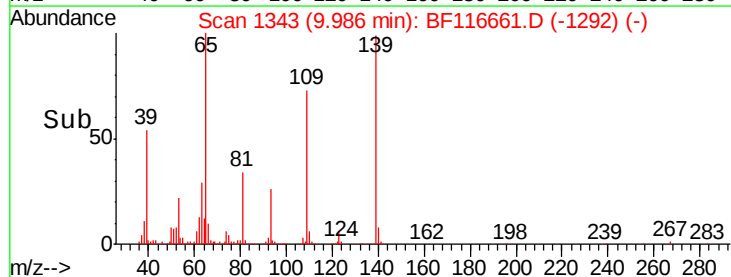
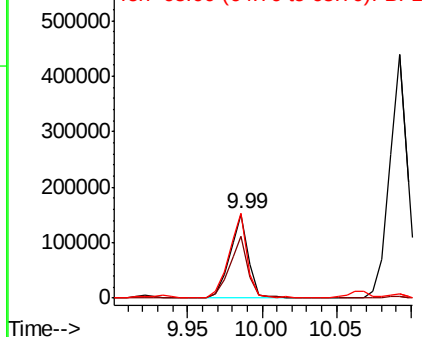


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

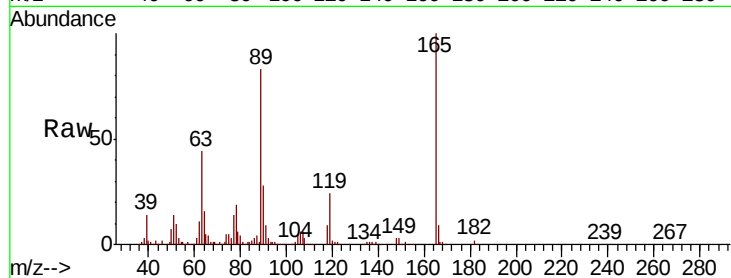




#57
2,4-Dinitrotoluene
Concen: 45.694 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	36.4	54.6
89	83.3	62.6	94.0
182	2.4	2.1	3.1



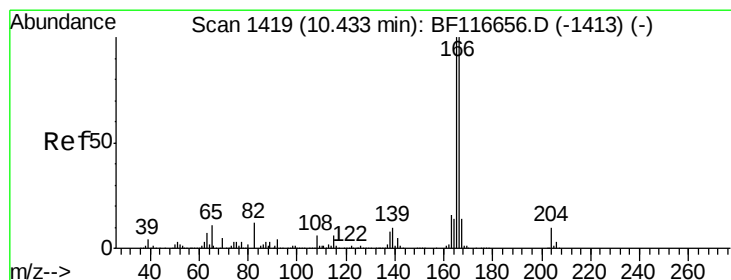
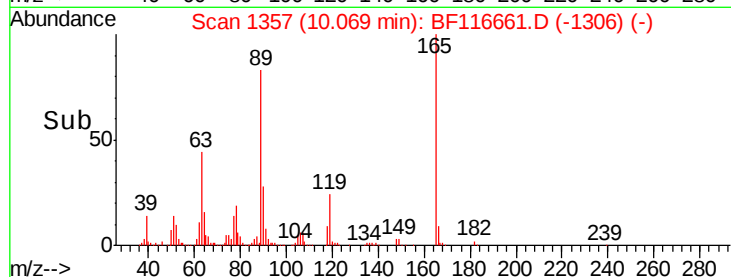
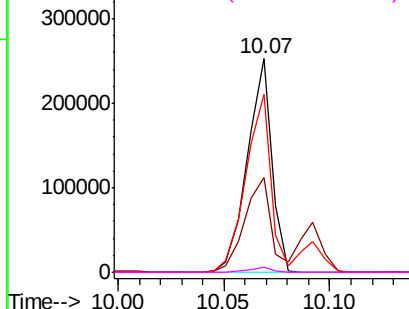
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

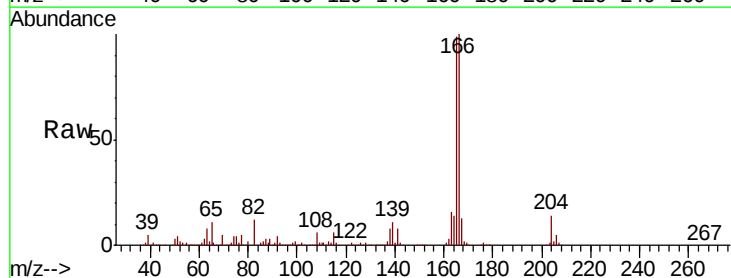
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.678 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.5	10.0	15.0

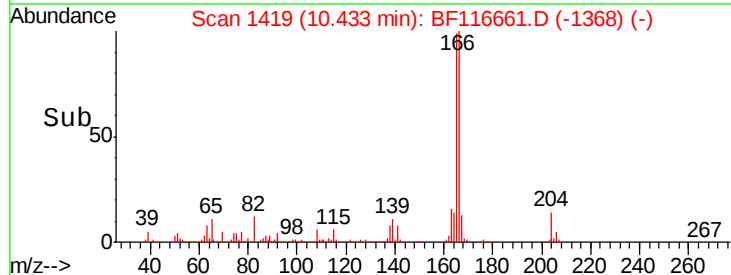
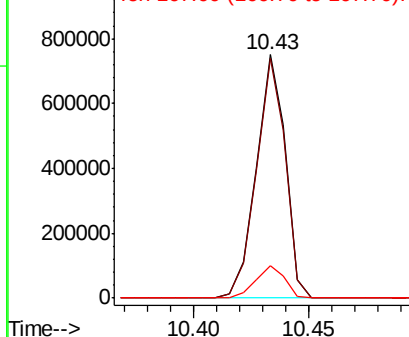


Abundance

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

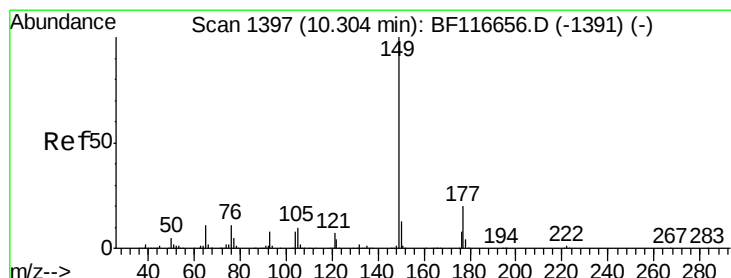
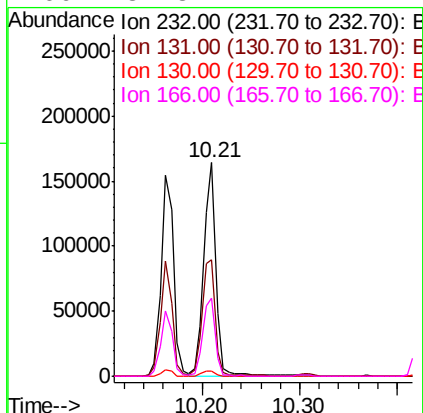
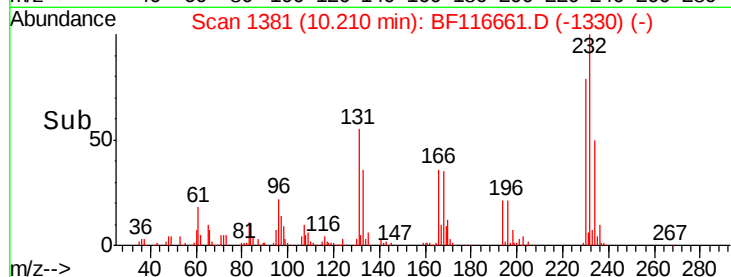
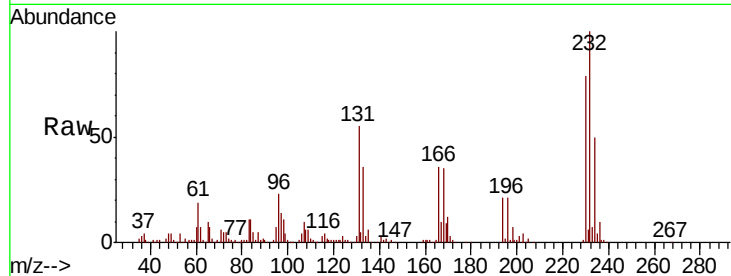




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.104 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

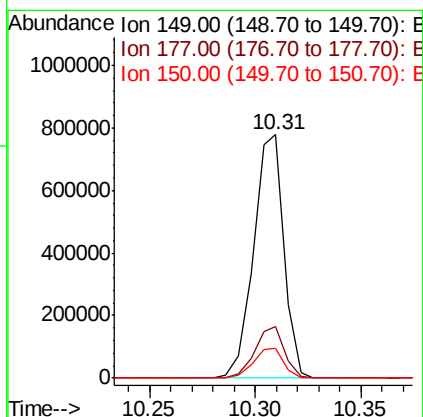
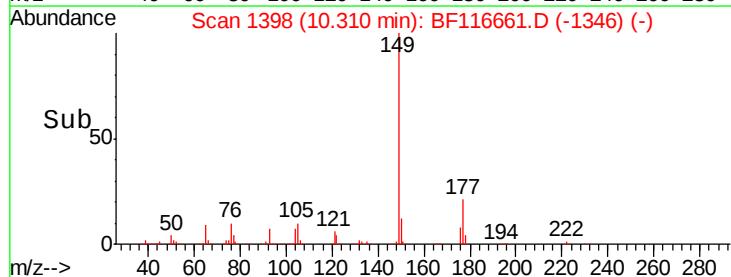
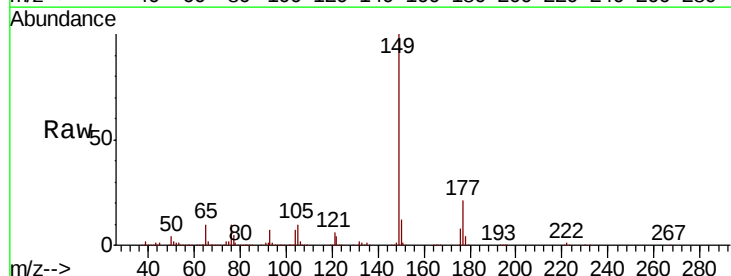
Instrument :
BNA_F
ClientSampleId :
ICVBF083019

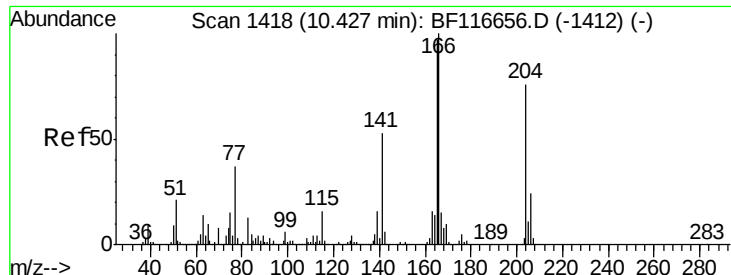
Tot Ion	Ratio	Lower	Upper
232	100		
131	57.7	42.7	64.1
130	2.6	1.9	2.9
166	37.3	27.4	41.2



#60
Diethylphthalate
Concen: 40.381 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.2	9.7	14.5

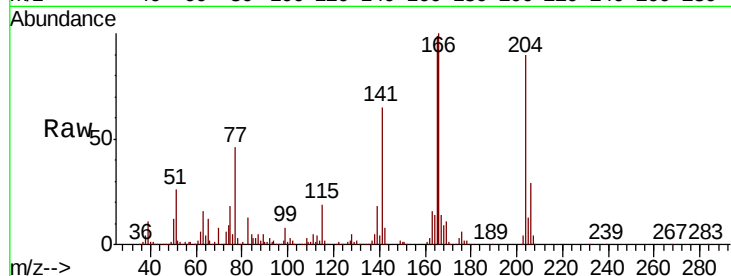




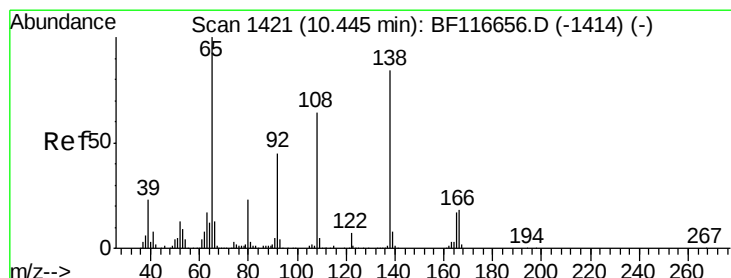
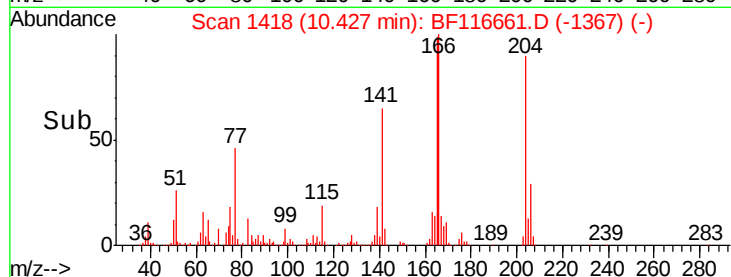
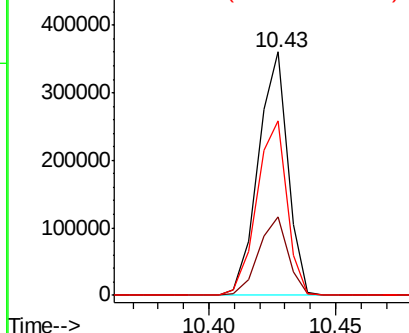
#61
4-Chlorophenyl-phenylether
Concen: 40.349 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:204 Resp: 294140
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 71.7 53.8 80.8

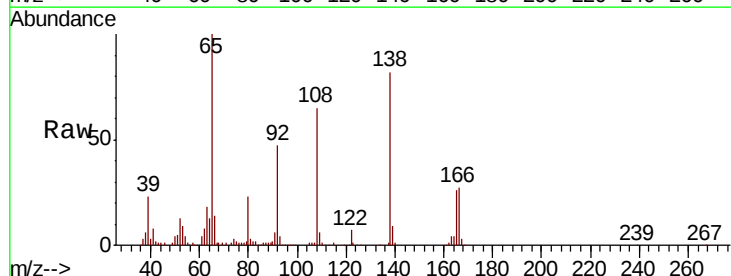


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

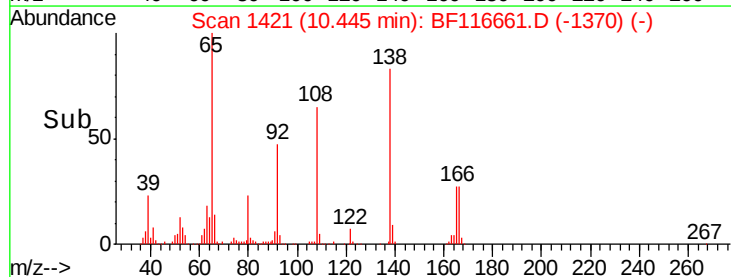
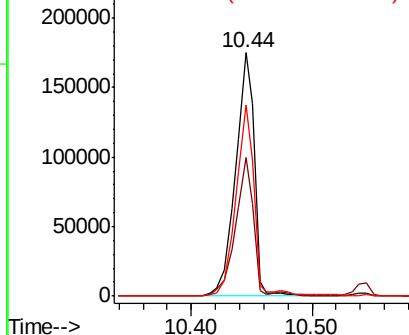


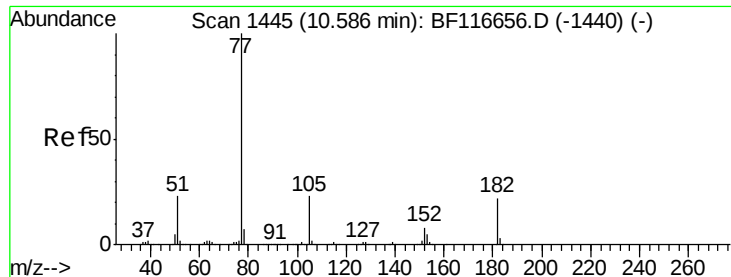
#62
4-Nitroaniline
Concen: 42.795 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:138 Resp: 190343
Ion Ratio Lower Upper
138 100
92 56.8 28.7 68.7
108 78.5 60.4 100.4



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

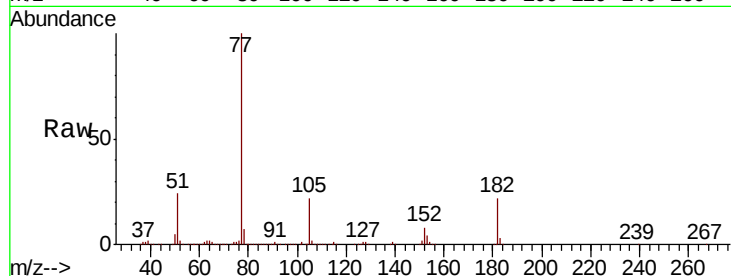




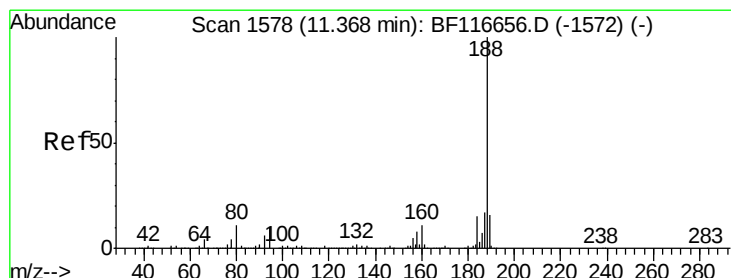
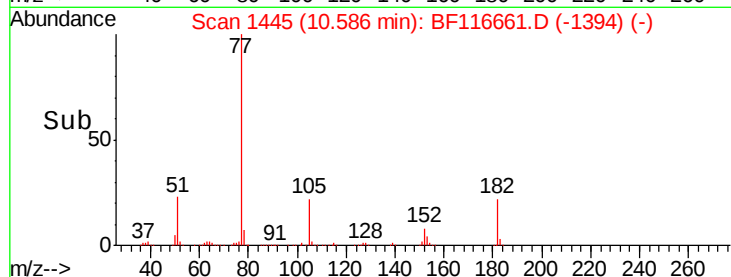
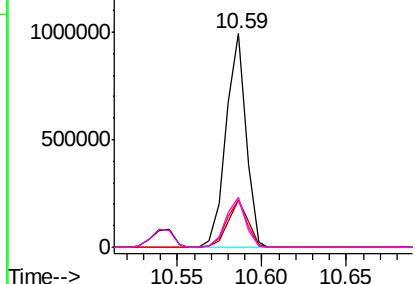
#63
Azobenzene
Concen: 40.593 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:	77	Resp:	812711
Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.2	41.2
105	22.2	0.6	40.6
51	23.5	8.2	48.2

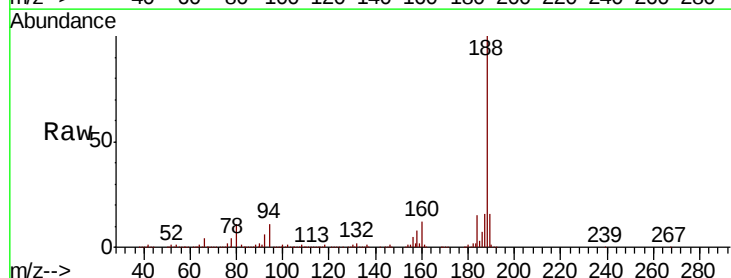


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

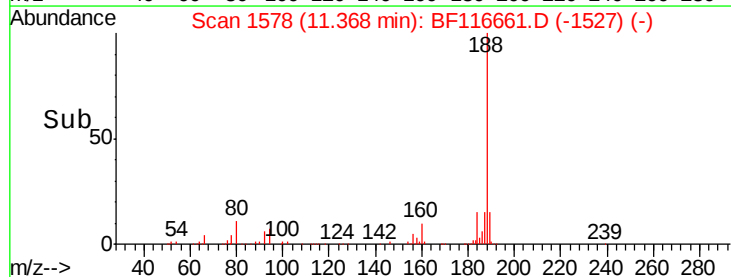
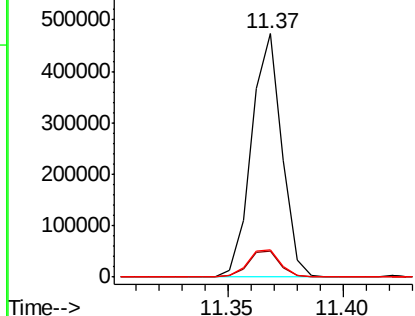


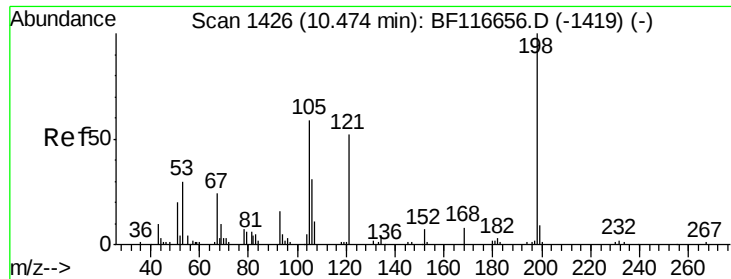
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:	188	Resp:	433146
Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.3	10.9
80	11.3	8.4	12.6



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

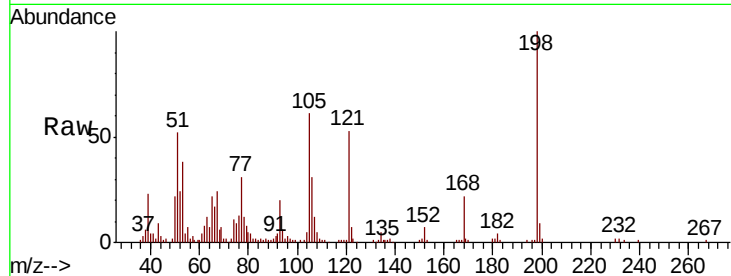




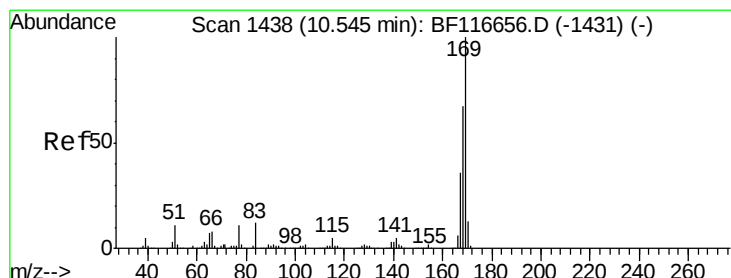
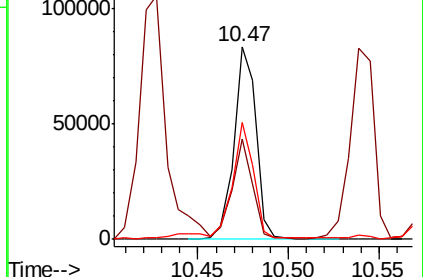
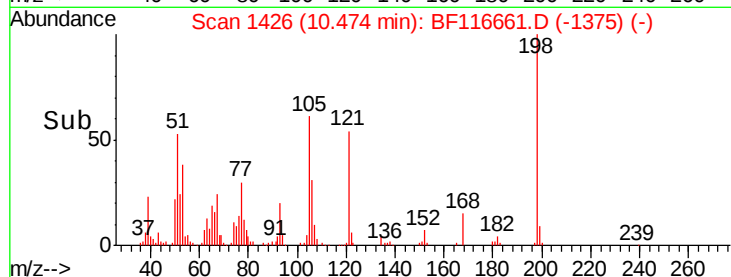
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.862 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.8	18.4	58.4
105	60.9	22.9	62.9

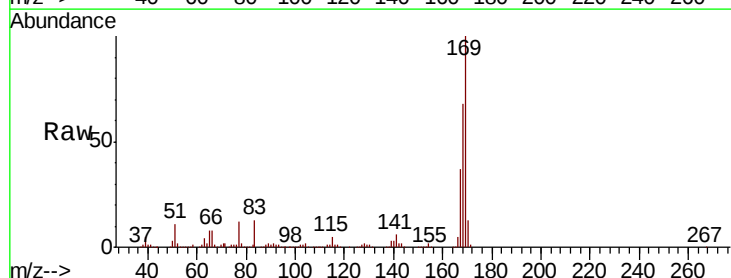


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

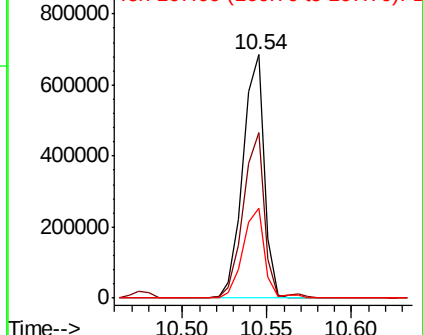
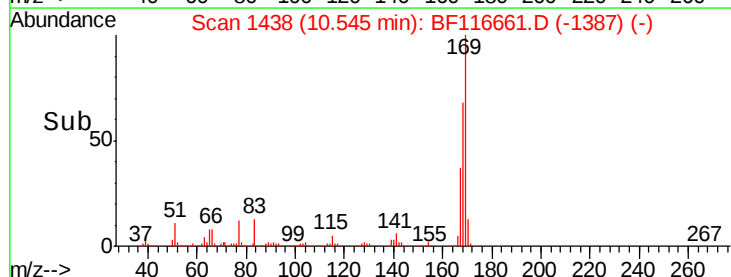


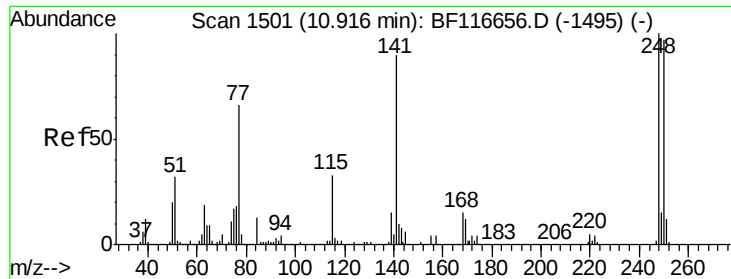
#66
 n-Nitrosodiphenylamine
 Concen: 40.481 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.8	83.6
167	37.2	29.4	44.2



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

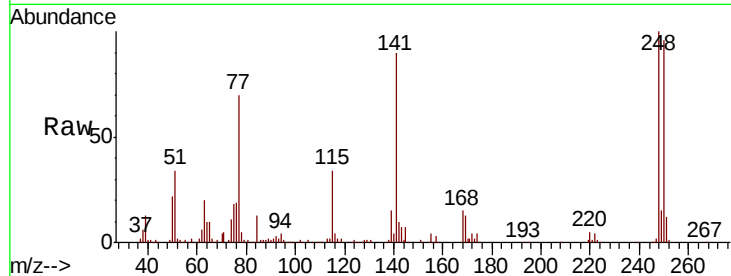




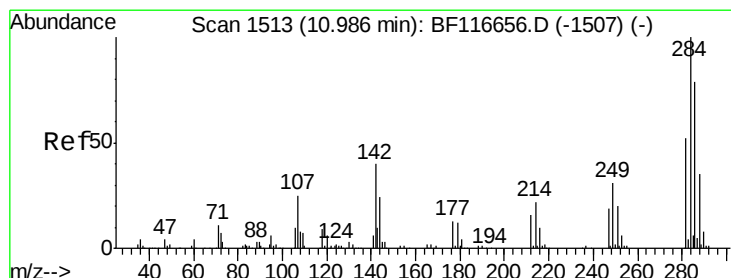
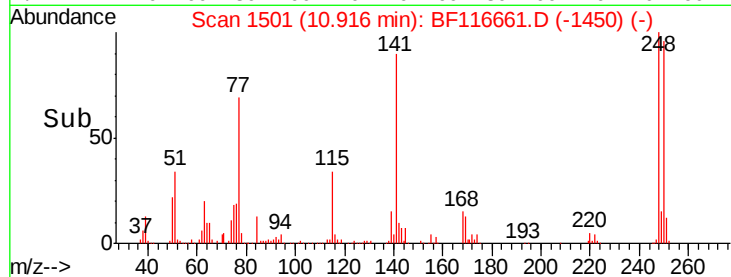
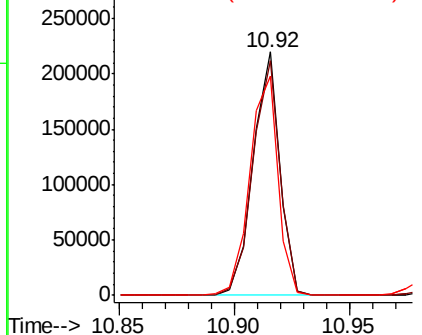
#67
 4-Bromophenyl-phenylether
 Concen: 40.571 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Tot Ion:	248	Resp:	178520
Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.8
141	90.1	75.9	113.9

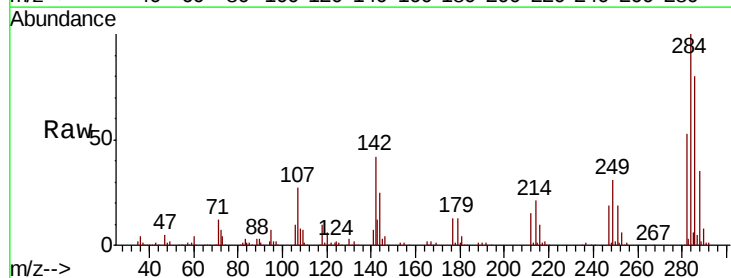


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

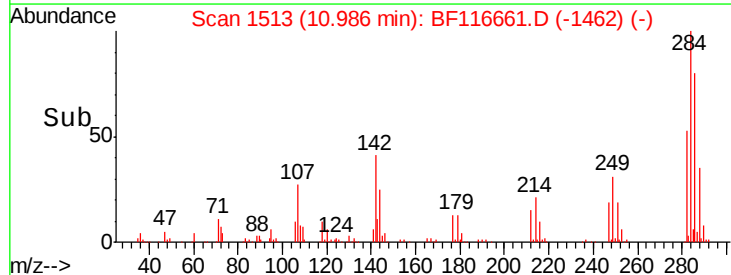
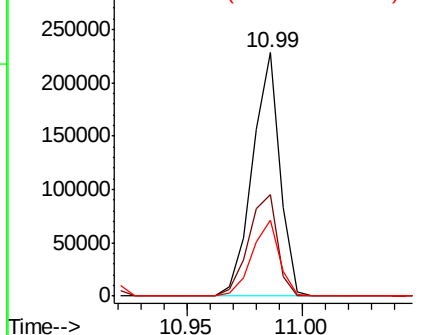


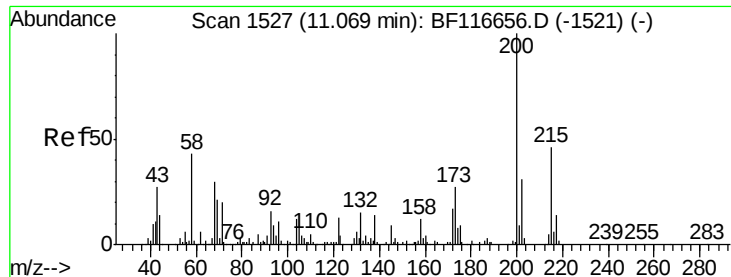
#68
 Hexachlorobenzene
 Concen: 40.961 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion:	284	Resp:	188573
Ion	Ratio	Lower	Upper
284	100		
142	41.6	34.0	51.0
249	31.1	26.4	39.6



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: 41.059 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

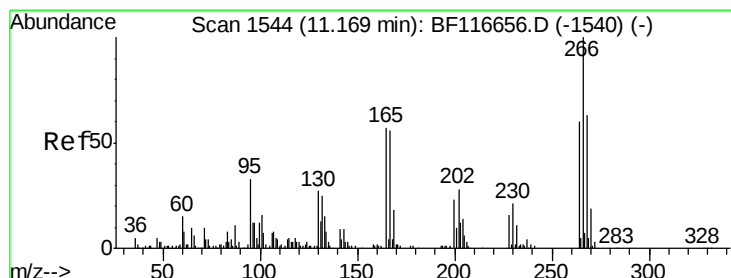
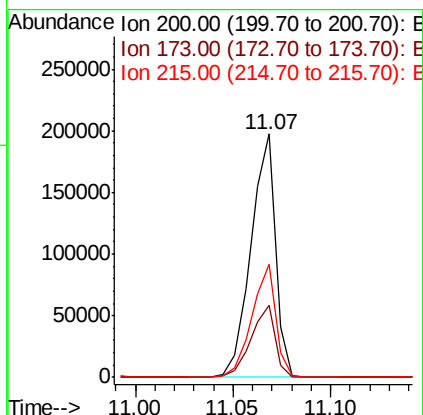
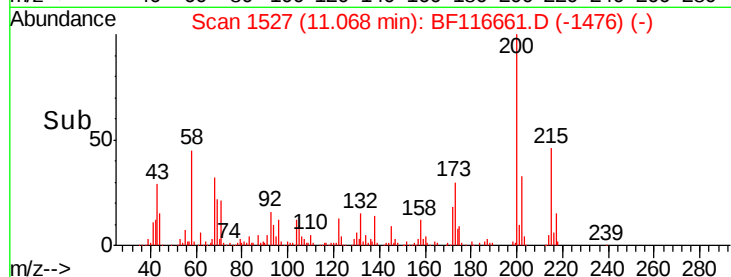
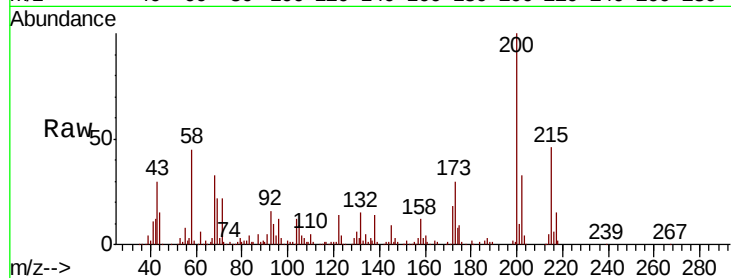
Tot Ion:200 Resp: 172308

Ion Ratio Lower Upper

200 100

173 29.6 6.2 46.2

215 46.2 24.3 64.3



#70

Pentachlorophenol

Concen: 43.274 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

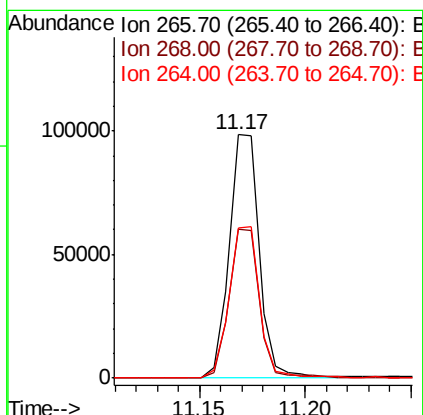
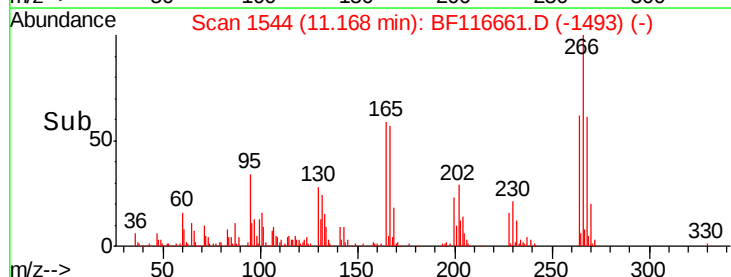
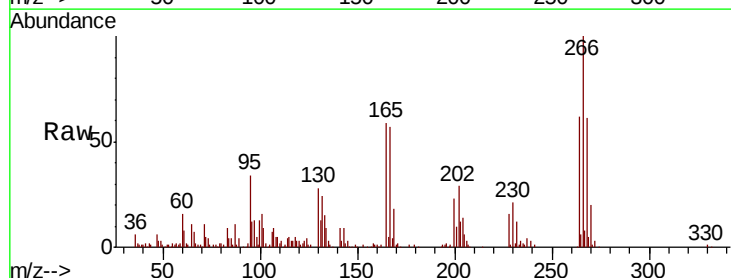
Tgt Ion:266 Resp: 96372

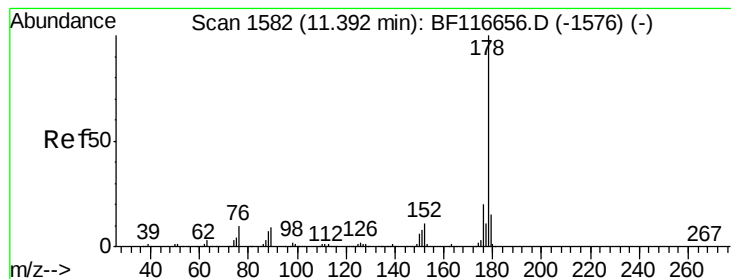
Ion Ratio Lower Upper

266 100

268 61.0 51.2 76.8

264 61.8 51.9 77.9





#71

Phenanthrene

Concen: 40.523 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

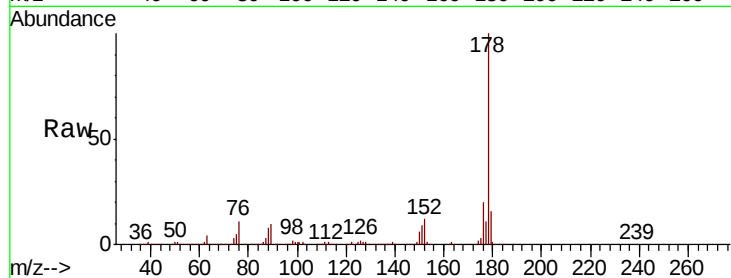
Tot Ion:178 Resp: 977081

Ion Ratio Lower Upper

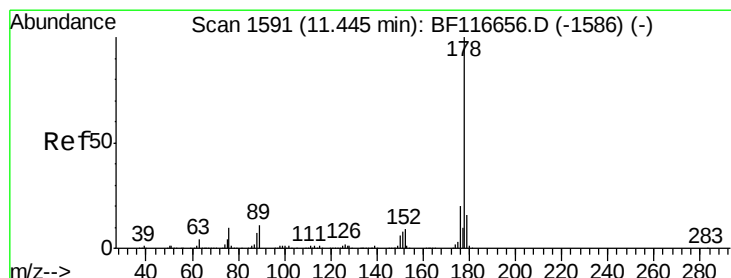
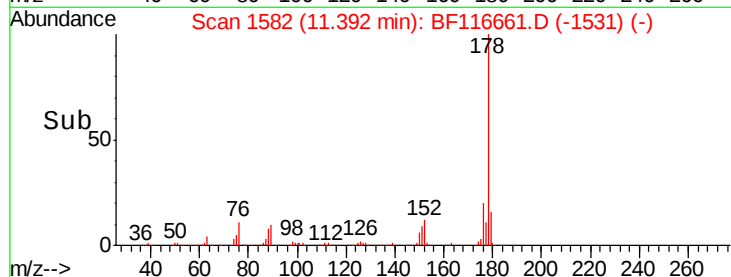
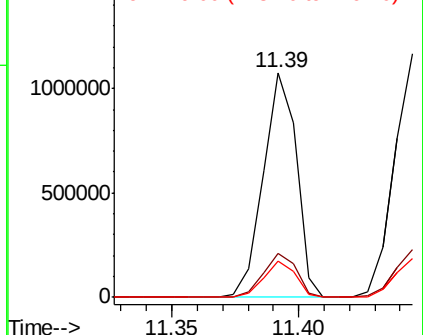
178 100

176 19.7 15.4 23.0

179 16.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.687 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

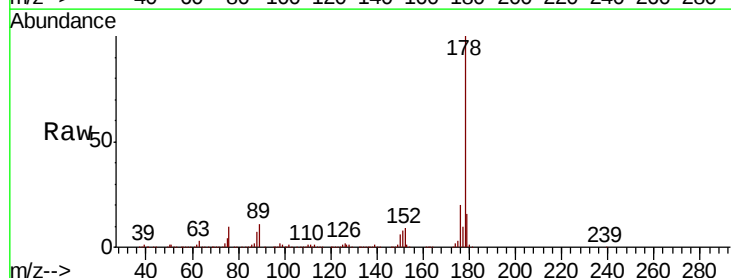
Tgt Ion:178 Resp: 987557

Ion Ratio Lower Upper

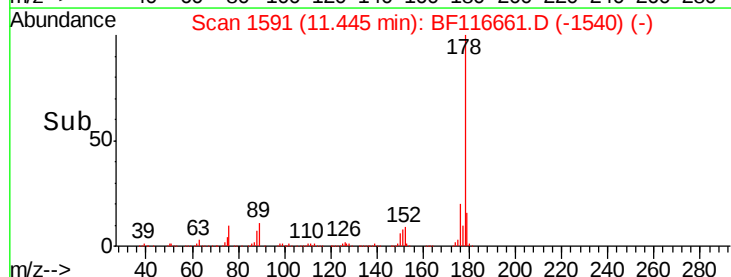
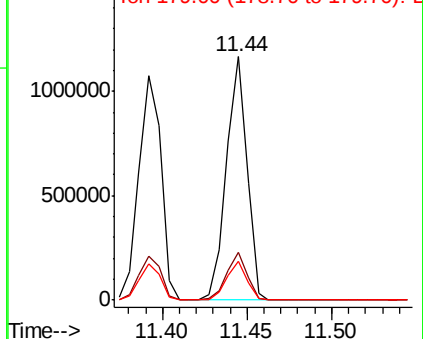
178 100

176 19.5 15.4 23.0

179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

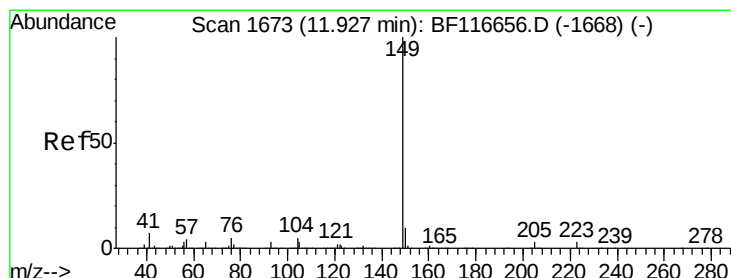
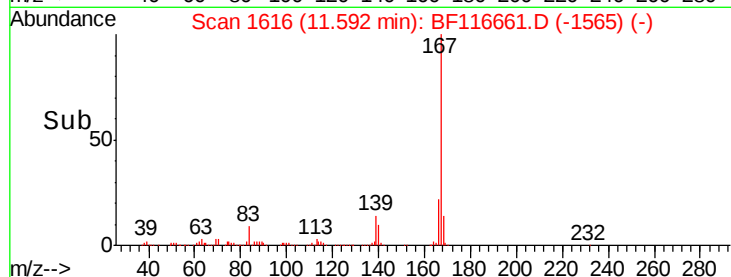
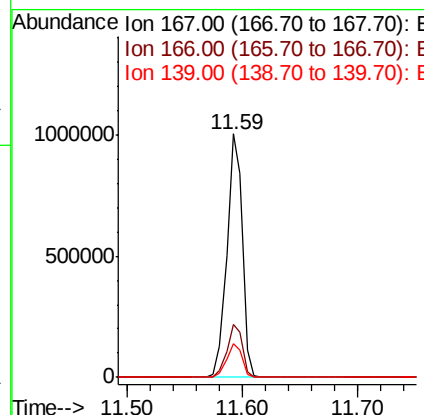
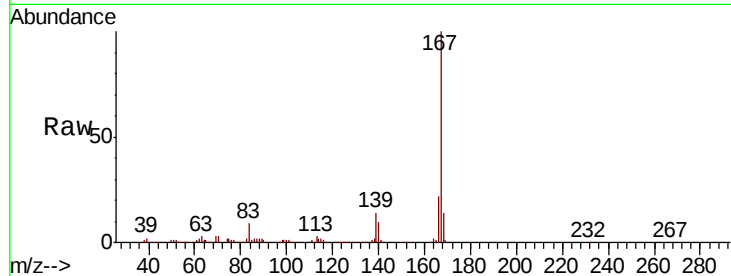




#73
 Carbazole
 Concen: 40.094 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

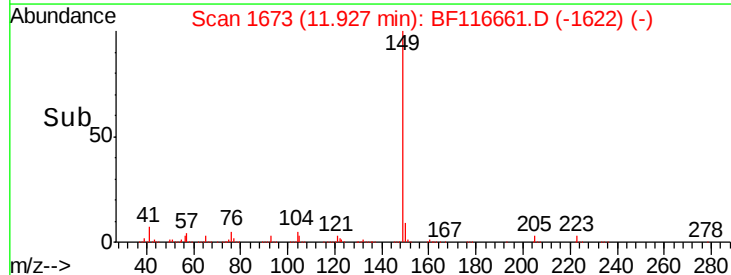
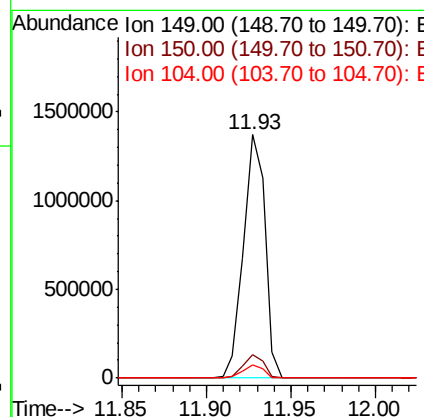
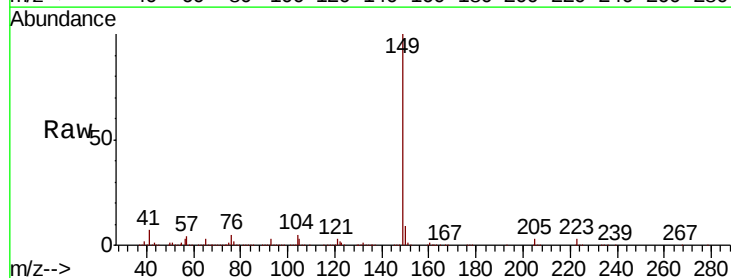
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

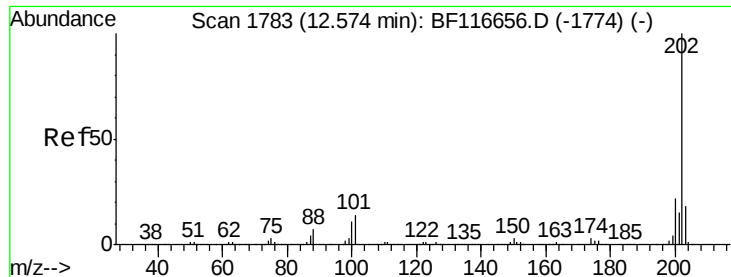
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	14.0	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 41.204 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.3	4.2	6.2

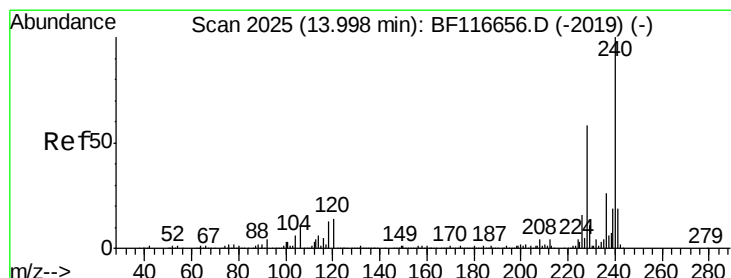
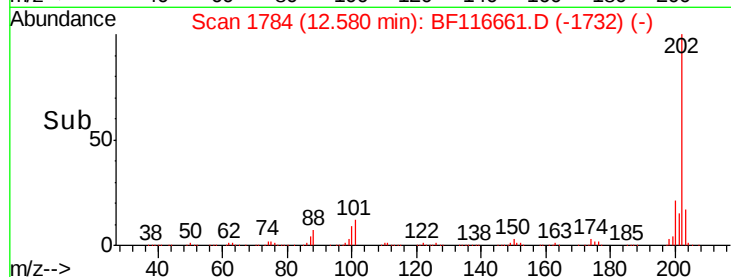
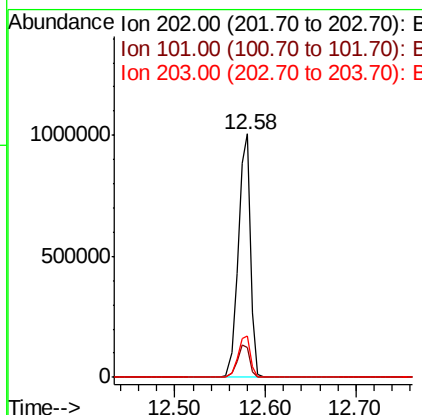
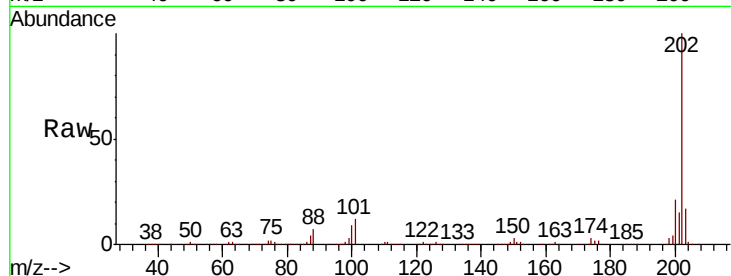




#75
 Fluoranthene
 Concen: 40.608 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

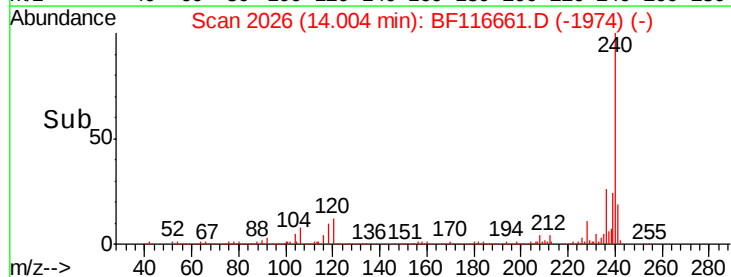
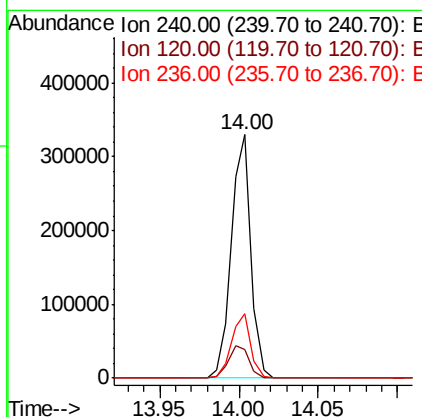
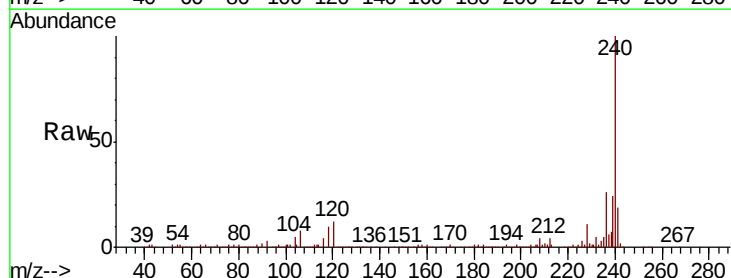
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF083019

Tot Ion:	202	Resp:	962240
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	17.2	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion:	240	Resp:	280463
Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.1	13.7
236	26.3	21.1	31.7





#77

Benzidine

Concen: 36.672 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

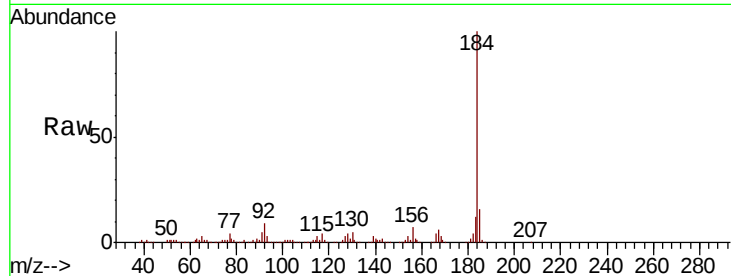
Tot Ion:184 Resp: 403411

Ion Ratio Lower Upper

184 100

185 15.6 11.3 16.9

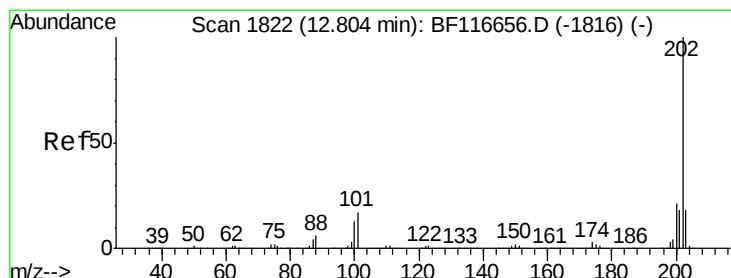
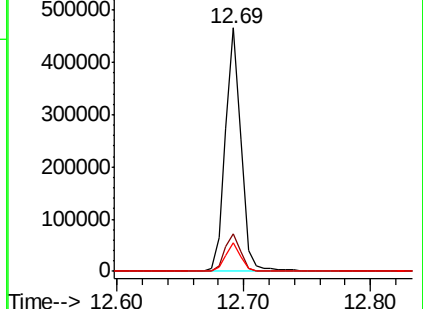
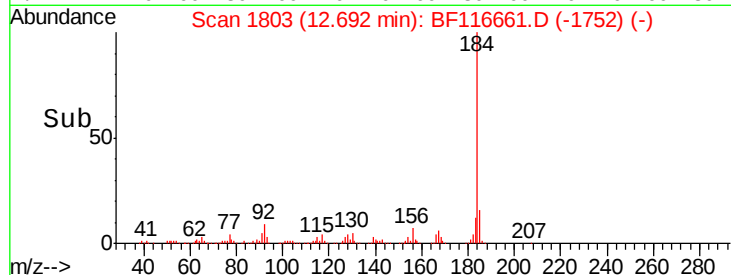
183 11.6 9.2 13.8



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: 39.042 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

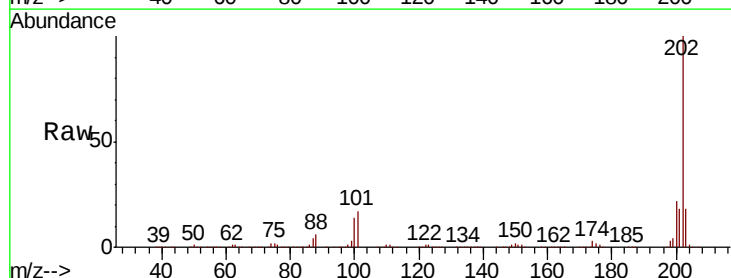
Tgt Ion:202 Resp: 973377

Ion Ratio Lower Upper

202 100

200 21.8 16.5 24.7

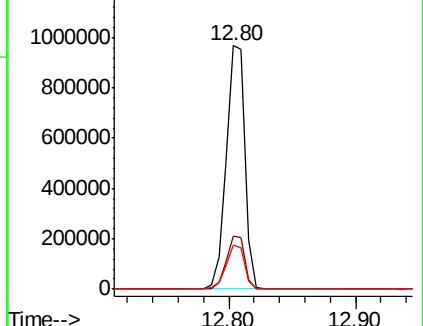
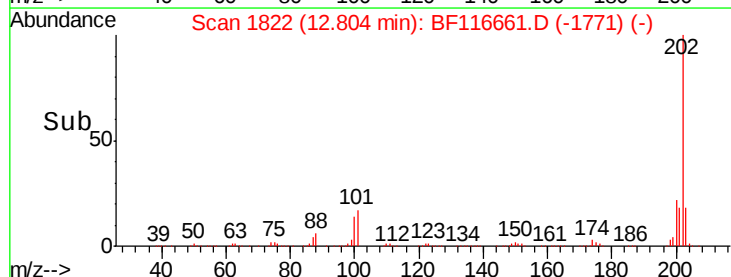
203 17.9 13.7 20.5

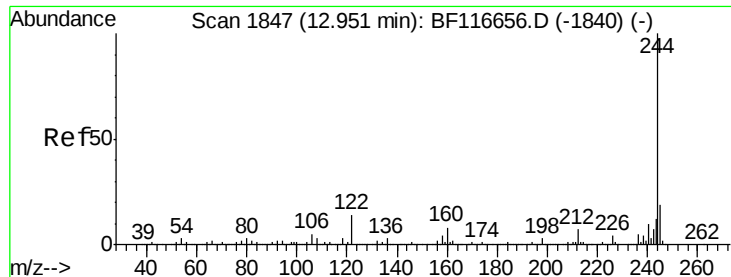


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.267 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

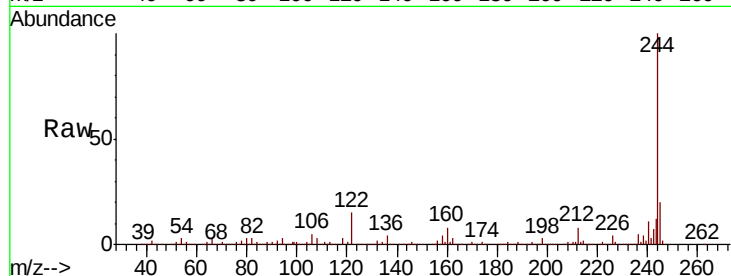
BNA_F

ClientSampleId :

ICVBF083019

Tot Ion:244 Resp: 1186576

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.6	10.2	15.4

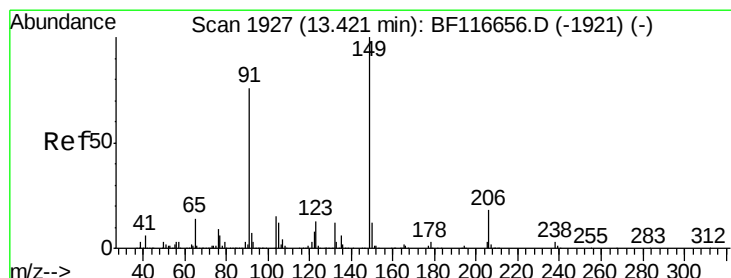
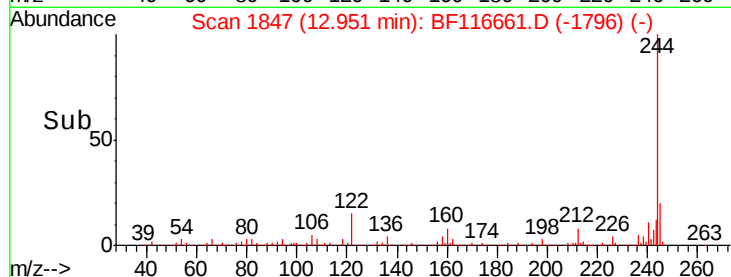
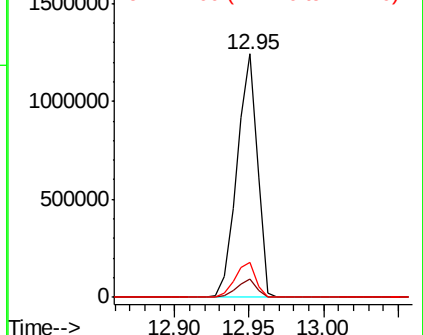


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.688 ng

RT: 13.42 min Scan# 1927

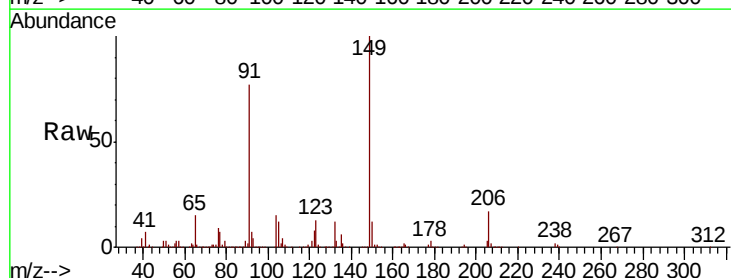
Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Tgt Ion:149 Resp: 493305

Ion	Ratio	Lower	Upper
149	100		
91	76.6	61.0	91.4
206	17.2	14.8	22.2

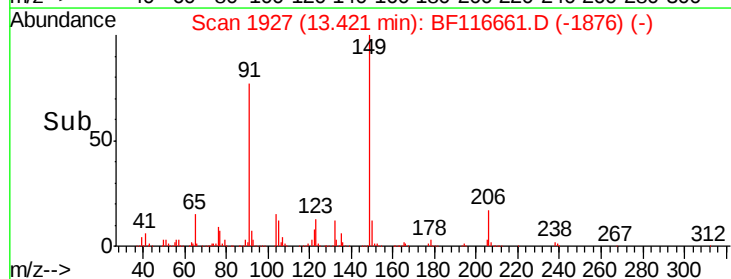
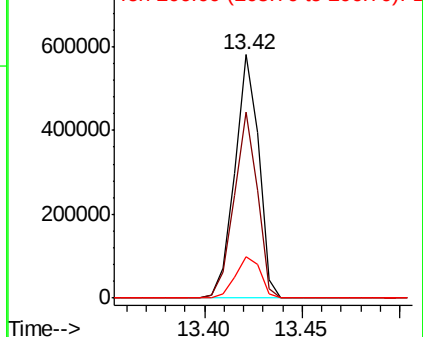


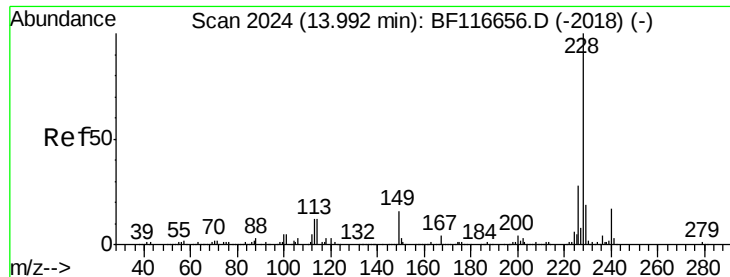
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

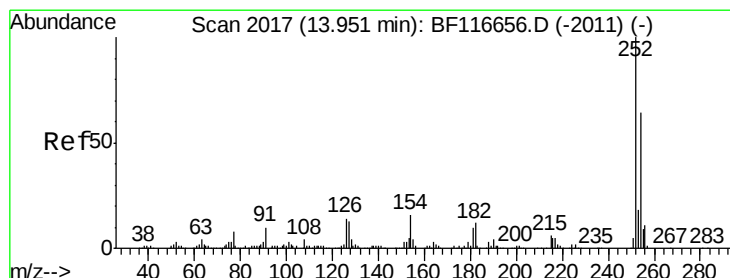
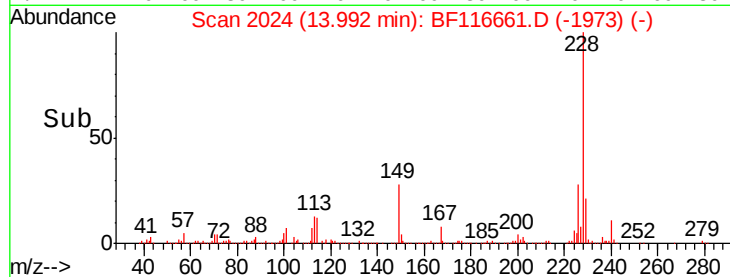
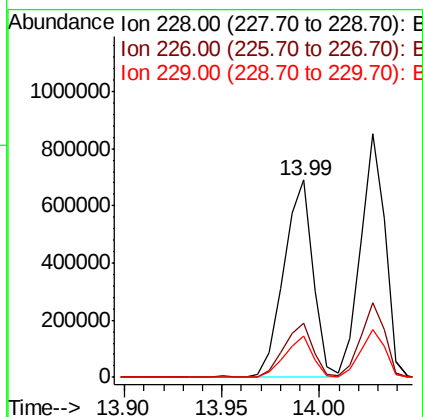
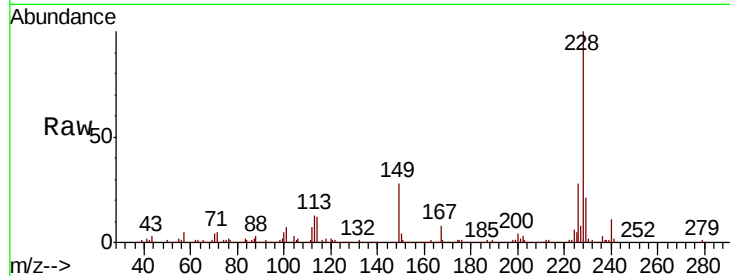




#81
Benzo(a)anthracene
Concen: 40.242 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

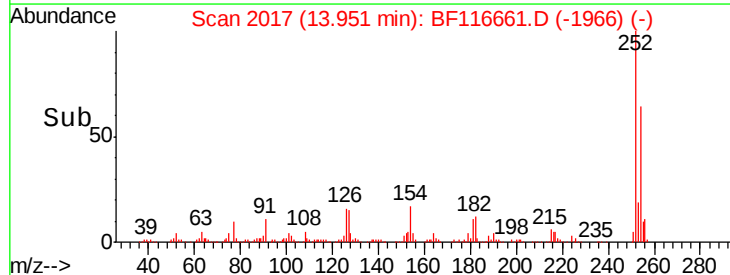
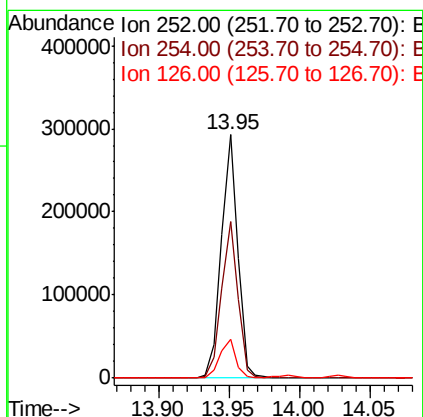
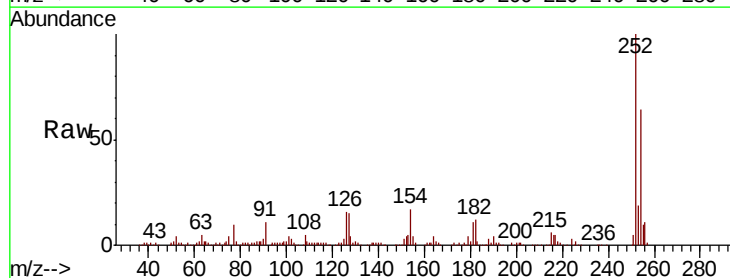
Instrument :
BNA_F
ClientSampleId :
ICVBF083019

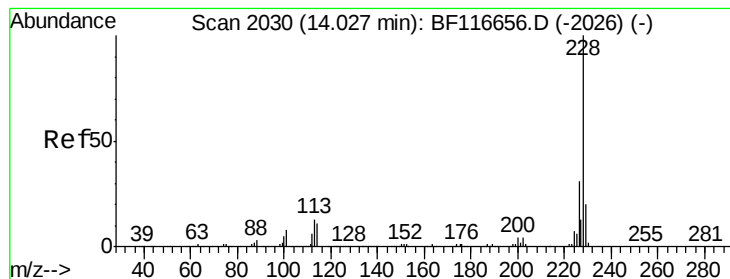
Tot Ion:228 Resp: 714309
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 20.7 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 39.916 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:252 Resp: 239439
Ion Ratio Lower Upper
252 100
254 64.4 50.1 75.1
126 16.0 10.6 16.0#





#83

Chrysene

Concen: 40.321 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

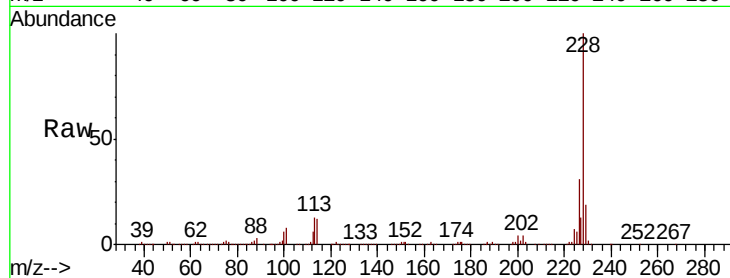
Tot Ion:228 Resp: 737354

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

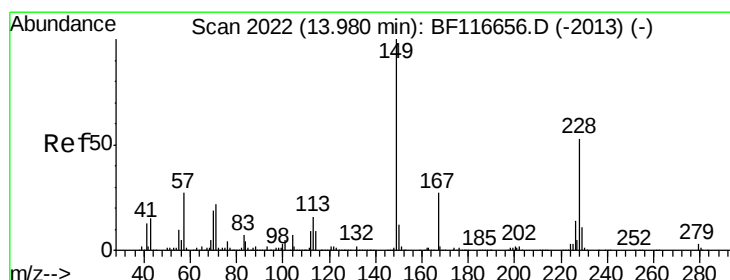
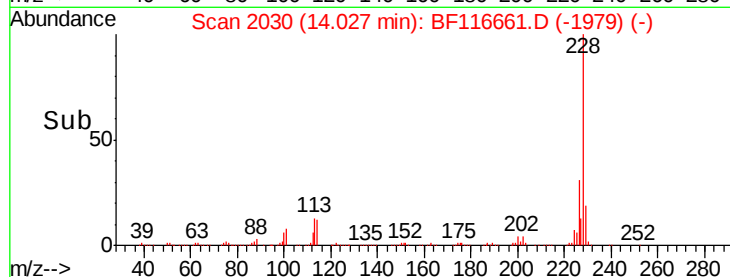
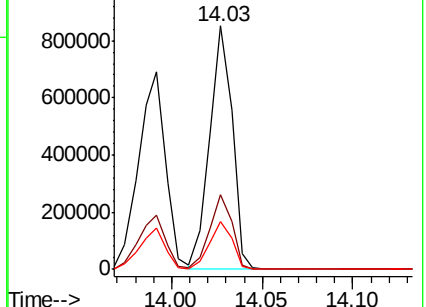
229 19.4 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.098 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

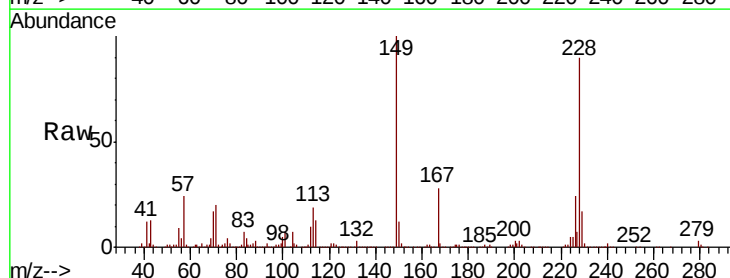
Tgt Ion:149 Resp: 600109

Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.4

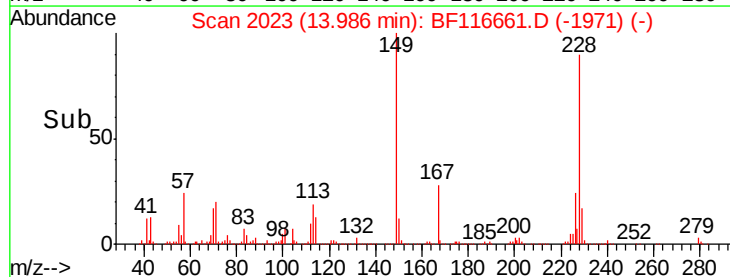
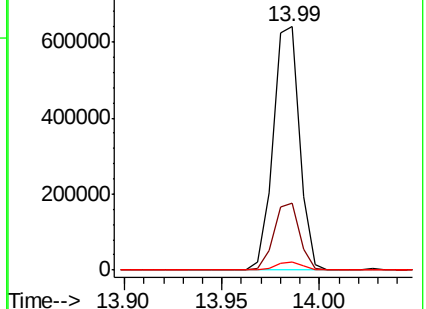
279 3.5 2.8 4.2

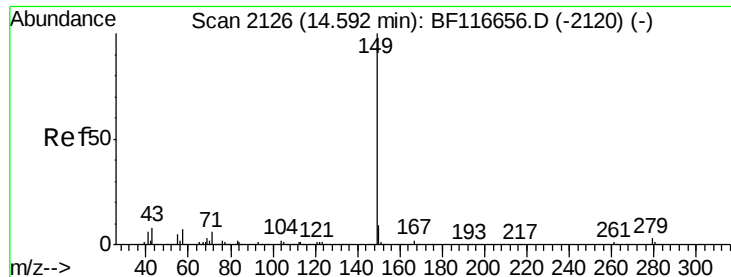


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.028 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

Instrument :

BNA_F

ClientSampleId :

ICVBF083019

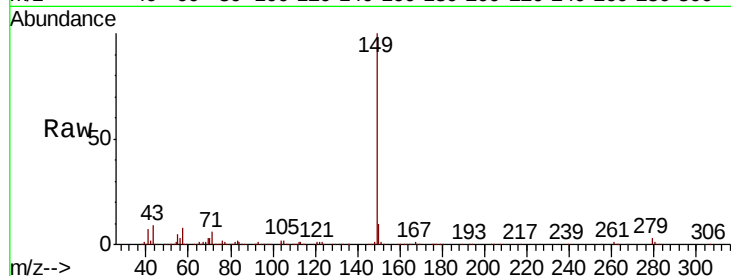
Tot Ion:149 Resp: 1004837

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

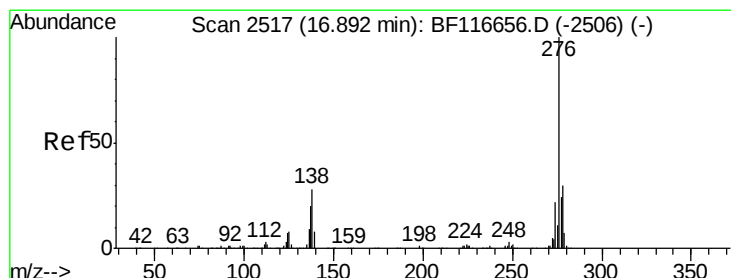
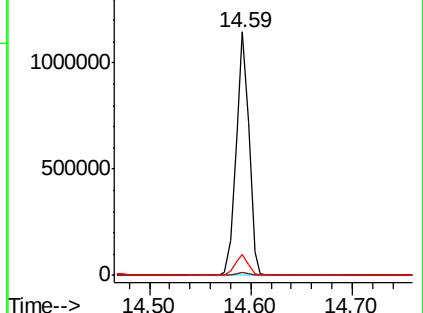
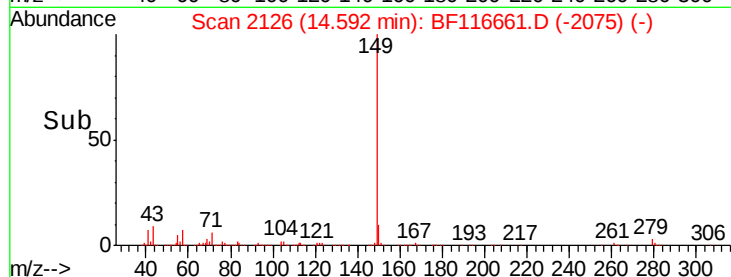
43 8.5 7.8 11.8



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: 36.280 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116661.D

Acq: 30 Aug 2019 19:56

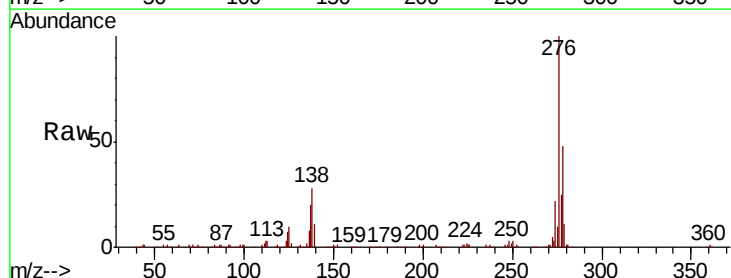
Tgt Ion:276 Resp: 532908

Ion Ratio Lower Upper

276 100

138 30.9 19.4 29.2#

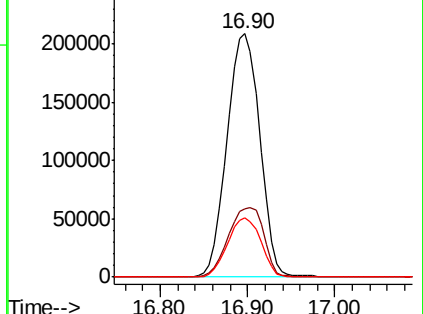
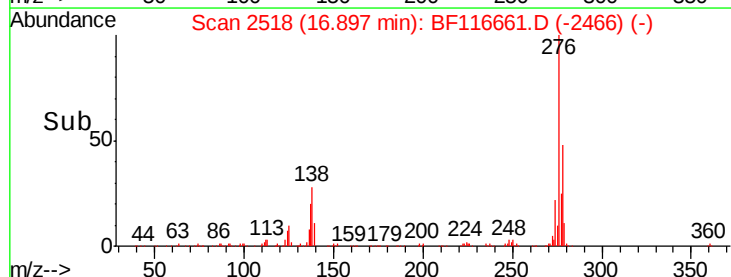
277 24.8 20.5 30.7



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

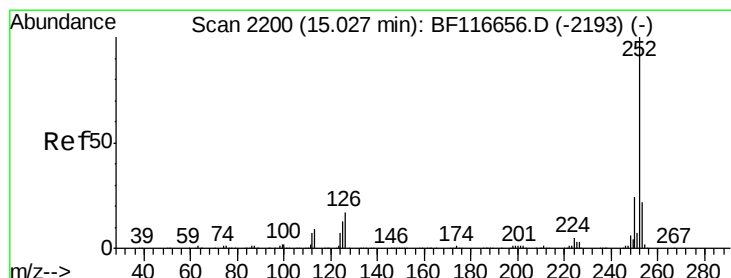
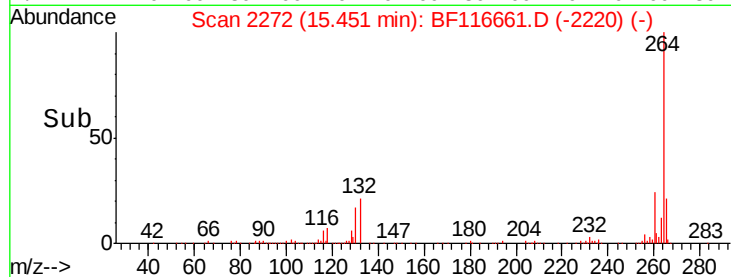
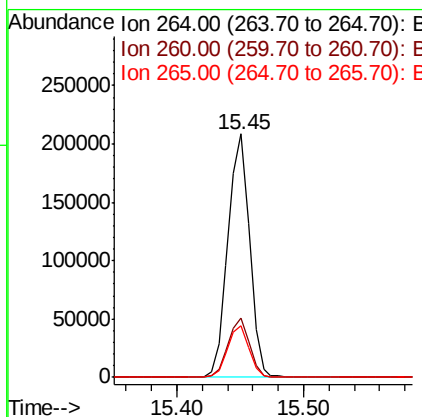
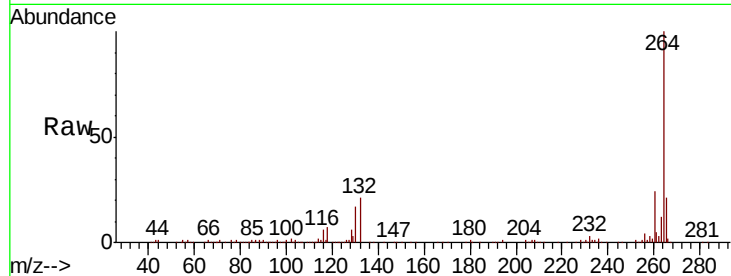




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

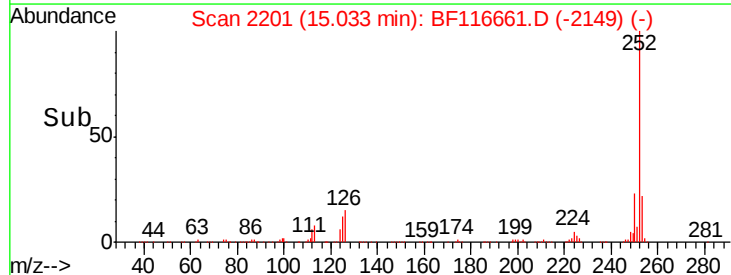
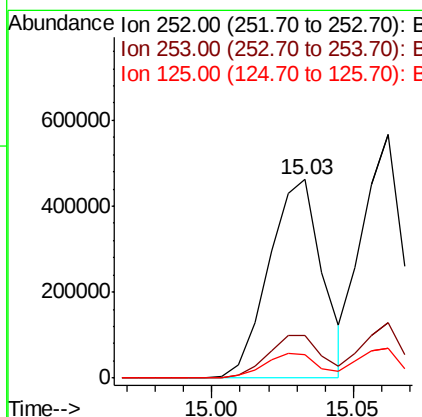
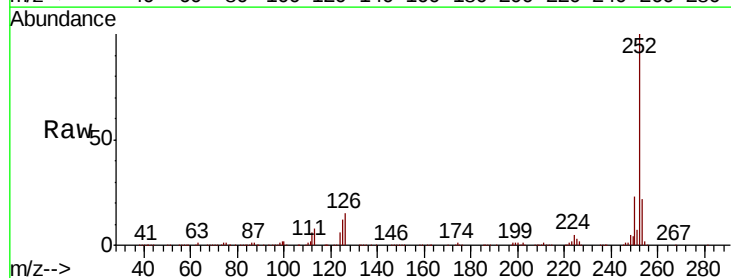
Instrument :
 BNA_F
 ClientSampled :
 ICVBF083019

Tot Ion:264 Resp: 246270
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.3 27.5
 265 21.5 16.5 24.7



#88
 Benzo(b)fluoranthene
 Concen: 40.758 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BF116661.D
 Acq: 30 Aug 2019 19:56

Tgt Ion:252 Resp: 606845
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 12.0 8.2 12.2

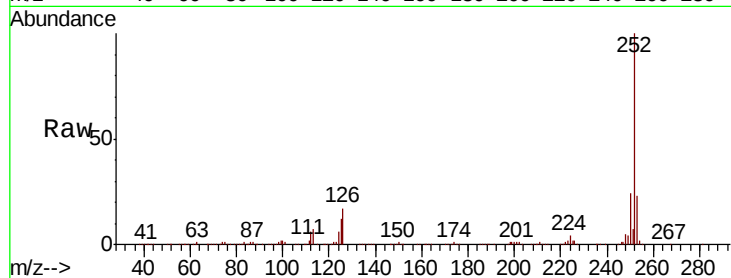




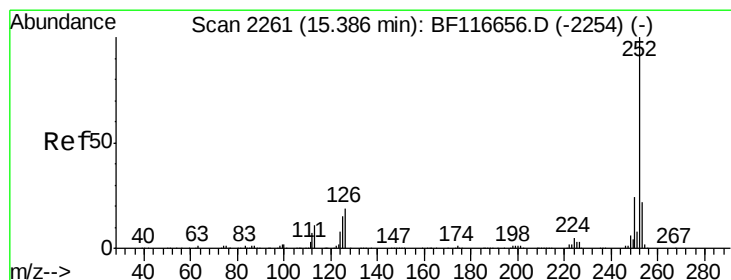
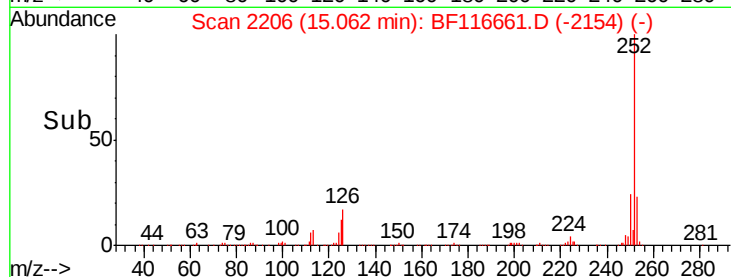
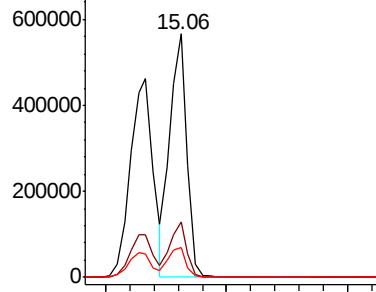
#89
Benzo(k)fluoranthene
Concen: 41.110 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:252 Resp: 558091
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.5 8.6 13.0

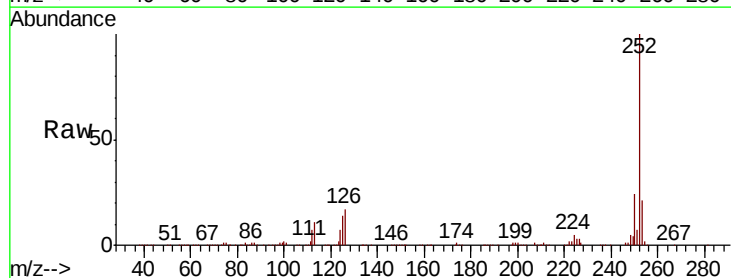


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

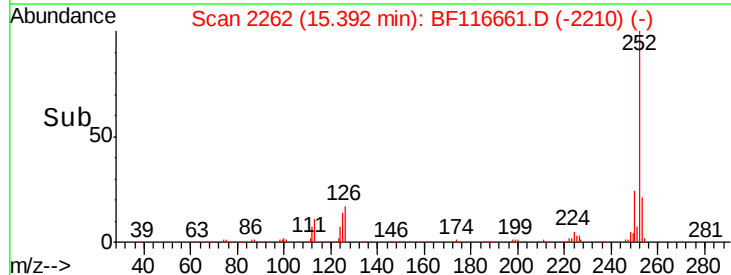
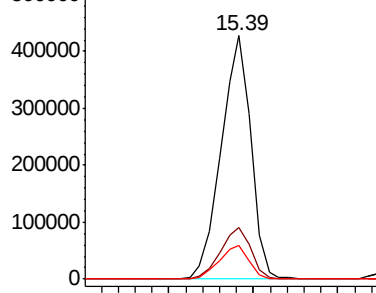


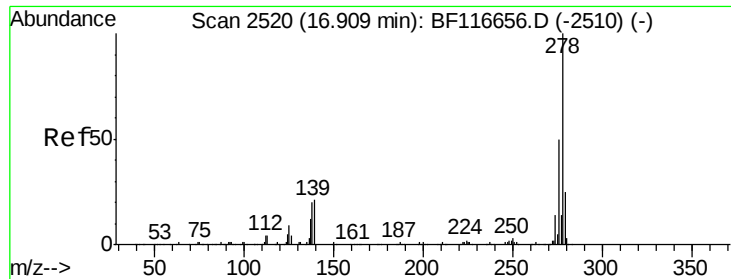
#90
Benzo(a)pyrene
Concen: 40.606 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:252 Resp: 526002
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 13.9 9.8 14.8



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

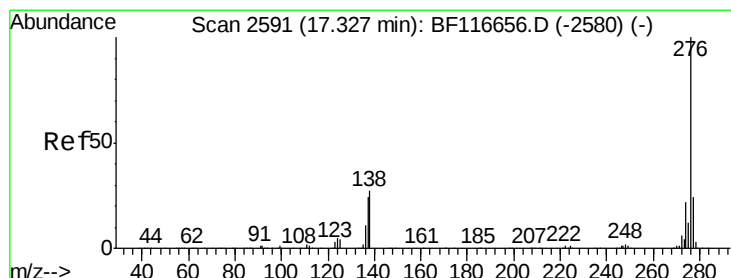
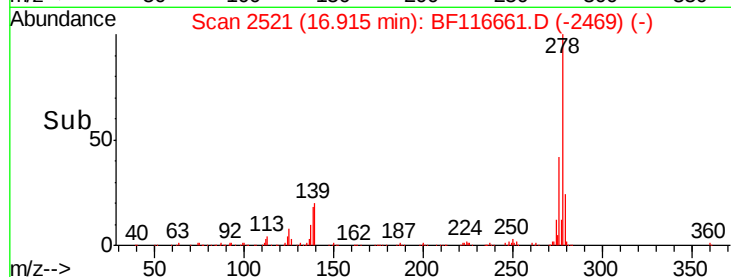
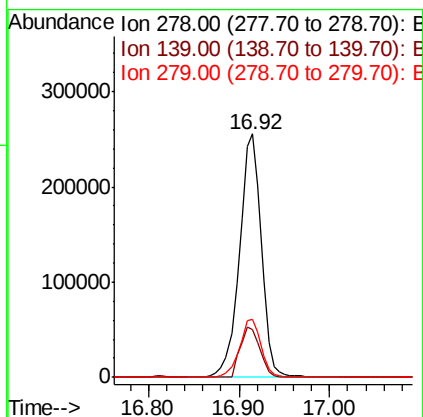
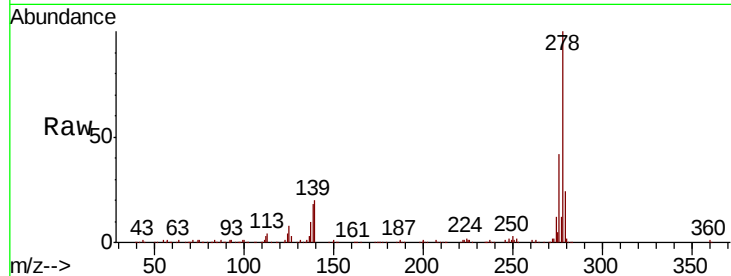




#91
Dibenzo(a,h)anthracene
Concen: 37.936 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Instrument :
BNA_F
ClientSampleId :
ICVBF083019

Tot Ion:278 Resp: 430140
Ion Ratio Lower Upper
278 100
139 19.8 12.4 18.6#
279 23.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 37.445 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116661.D
Acq: 30 Aug 2019 19:56

Tgt Ion:276 Resp: 433011
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 26.8 16.2 24.2#

