

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116919.D
 Acq On : 10 Sep 2019 14:16
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 10 17:55:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88219	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	362550	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	183079	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	297900	20.00	ng	0.00
76) Chrysene-d12	13.99	240	196822	20.00	ng	0.00
87) Perylene-d12	15.43	264	171641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	467767	85.90	ng	0.00
7) Phenol-d6	6.47	99	602758	84.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	587514	92.51	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	132297	108.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	988274	91.06	ng	0.00
79) Terphenyl-d14	12.93	244	931068	87.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	96951	38.568	ng	95
3) Pyridine	3.32	79	272737	37.473	ng	91
4) n-Nitrosodimethylamine	3.26	42	89635	35.864	ng	# 85
6) Aniline	6.50	93	396326	40.018	ng	99
8) 2-Chlorophenol	6.62	128	251285	42.272	ng	96
9) Benzaldehyde	6.39	77	176333	37.432	ng	96
10) Phenol	6.49	94	333929	42.174	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	246544	39.990	ng	97
12) 1,3-Dichlorobenzene	6.78	146	283720	42.230	ng	96
13) 1,4-Dichlorobenzene	6.86	146	289214	43.239	ng	98
14) 1,2-Dichlorobenzene	7.01	146	270328	43.611	ng	96
15) Benzyl Alcohol	6.98	79	232351	40.031	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249900	34.548	ng	86
17) 2-Methylphenol	7.09	107	213279	40.985	ng	99
18) Hexachloroethane	7.35	117	113161	43.545	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	189850	40.324	ng	92
20) 3+4-Methylphenols	7.25	107	266710	44.081	ng	# 72
22) Acetophenone	7.25	105	386848	44.320	ng	97
24) Nitrobenzene	7.42	77	292522	45.289	ng	99
25) Isophorone	7.66	82	519644	40.380	ng	100
26) 2-Nitrophenol	7.73	139	129737	54.027	ng	97
27) 2,4-Dimethylphenol	7.77	122	193436	39.886	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	321731	40.911	ng	99
29) 2,4-Dichlorophenol	7.97	162	208147	44.660	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	220083	43.536	ng	97
31) Naphthalene	8.14	128	735289	42.651	ng	99
32) Benzoic acid	7.90	122	99920	36.489	ng	96
33) 4-Chloroaniline	8.19	127	328353	41.842	ng	99
34) Hexachlorobutadiene	8.26	225	126334	45.834	ng	99
35) Caprolactam	8.56	113	68494	39.269	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	238615	44.545	ng	99
37) 2-Methylnaphthalene	8.83	142	497355	43.360	ng	98
38) 1-Methylnaphthalene	8.93	142	464986	42.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	200103	45.595	ng	98

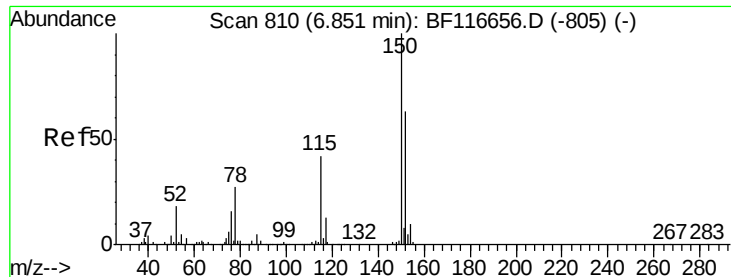
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116919.D
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 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	90743	35.805	ng	93
43) 2,4,6-Trichlorophenol	9.11	196	141452	47.018	ng	96
44) 2,4,5-Trichlorophenol	9.15	196	145483	46.580	ng	95
46) 1,1'-Biphenyl	9.29	154	605139	43.560	ng	99
47) 2-Chloronaphthalene	9.32	162	484532	44.036	ng	98
48) 2-Nitroaniline	9.41	65	157246	49.432	ng	95
49) Acenaphthylene	9.73	152	714668	42.967	ng	99
50) Dimethylphthalate	9.59	163	554588	43.877	ng	99
51) 2,6-Dinitrotoluene	9.65	165	117073	48.546	ng	99
52) Acenaphthene	9.90	154	426554	41.738	ng	99
53) 3-Nitroaniline	9.82	138	144191	47.711	ng	89
54) 2,4-Dinitrophenol	9.93	184	42989	53.602	ng	94
55) Dibenzofuran	10.07	168	635997	44.145	ng	96
56) 4-Nitrophenol	9.99	139	93681	45.208	ng	85
57) 2,4-Dinitrotoluene	10.06	165	158217	53.655	ng	97
58) Fluorene	10.42	166	503991	45.911	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	115745	51.348	ng	96
60) Diethylphthalate	10.29	149	547141	43.214	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	223744	46.545	ng	99
62) 4-Nitroaniline	10.43	138	144591	49.299	ng	97
63) Azobenzene	10.57	77	560213	42.434	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58932	52.827	ng	87
66) n-Nitrosodiphenylamine	10.53	169	437353	42.439	ng	96
67) 4-Bromophenyl-phenylether	10.90	248	130703	43.190	ng	97
68) Hexachlorobenzene	10.97	284	142643	45.051	ng	96
69) Atrazine	11.05	200	120481	41.743	ng	98
70) Pentachlorophenol	11.16	266	69811	45.578	ng	97
71) Phenanthrene	11.38	178	715241	43.131	ng	99
72) Anthracene	11.43	178	725603	43.467	ng	100
73) Carbazole	11.58	167	678521	42.671	ng	98
74) Di-n-butylphthalate	11.91	149	855491	41.967	ng	99
75) Fluoranthene	12.56	202	717546	44.029	ng	99
77) Benzidine	12.68	184	271833	35.212	ng	99
78) Pyrene	12.79	202	709352	40.543	ng	99
80) Butylbenzylphthalate	13.40	149	340979	40.076	ng	95
81) Benzo(a)anthracene	13.97	228	545478	43.790	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	175011	41.573	ng	99
83) Chrysene	14.02	228	529672	41.272	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	440329	41.925	ng	98
85) Di-n-octyl phthalate	14.57	149	688424	40.053	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	397775	38.588	ng	97
88) Benzo(b)fluoranthene	15.02	252	420464	40.518	ng	99
89) Benzo(k)fluoranthene	15.04	252	428319	45.269	ng	99
90) Benzo(a)pyrene	15.38	252	379064	41.986	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	325498	41.189	ng	99
92) Benzo(g,h,i)perylene	17.32	276	319349	39.624	ng	99

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

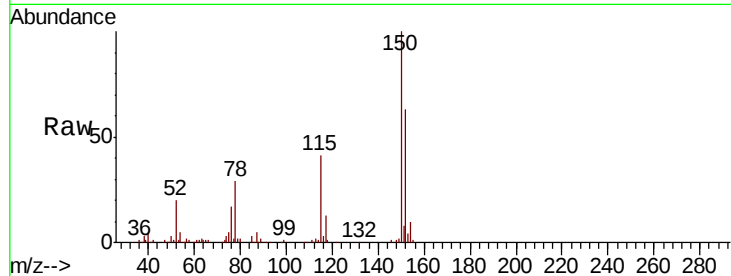


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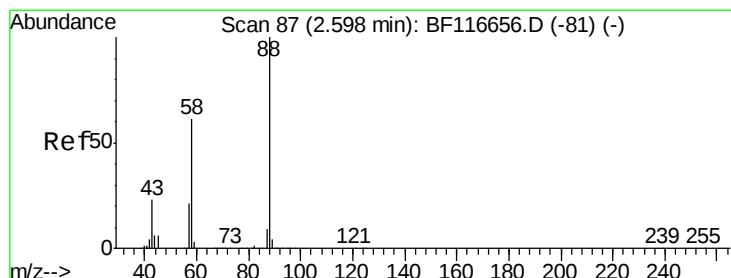
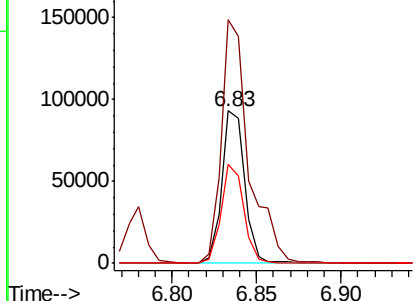
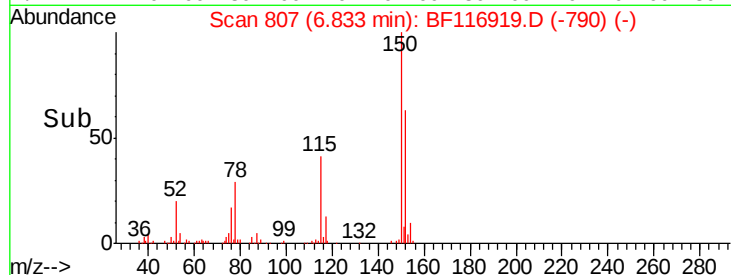
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 88219
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 65.0 49.9 74.9



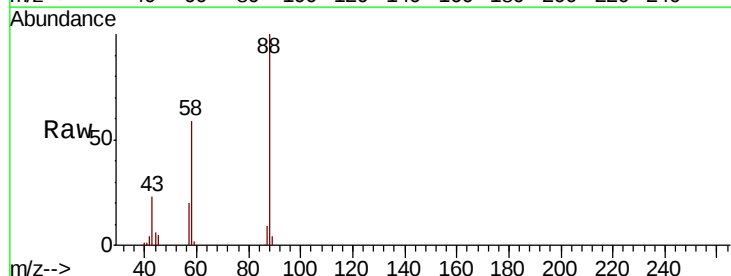
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



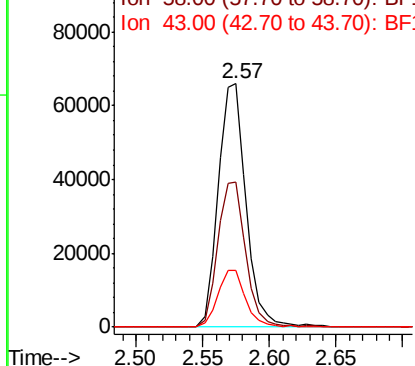
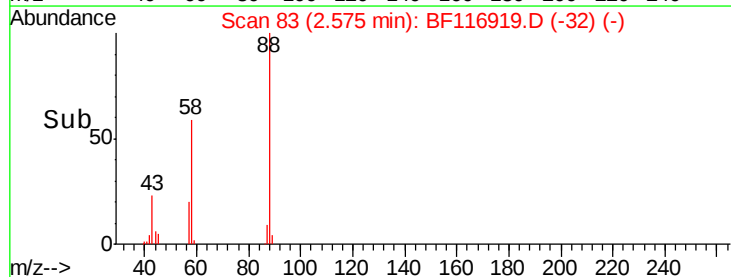
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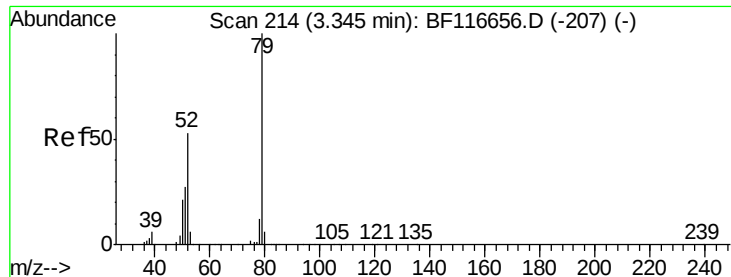
1,4-Dioxane
Concen: 38.568 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion: 88 Resp: 96951
Ion Ratio Lower Upper
88 100
58 59.6 51.7 77.5
43 23.2 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: 37.473 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

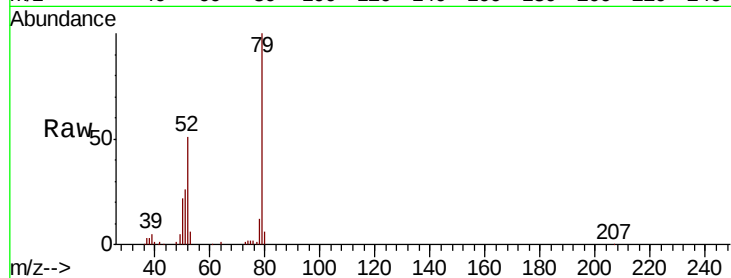
Tot Ion: 79 Resp: 272737

Ion Ratio Lower Upper

79 100

52 51.1 47.4 71.0

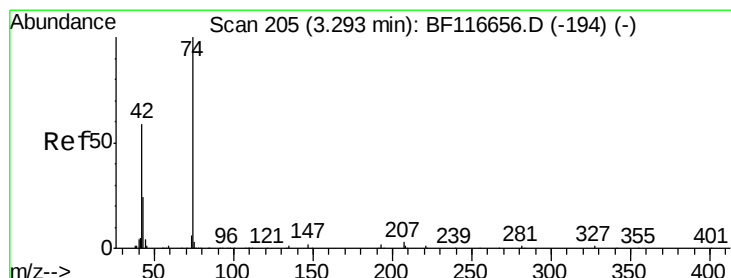
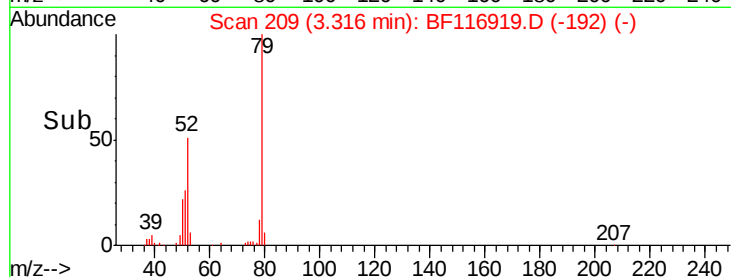
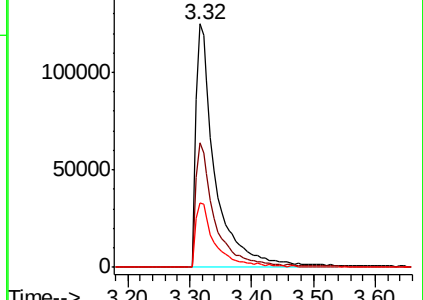
51 26.5 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.864 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

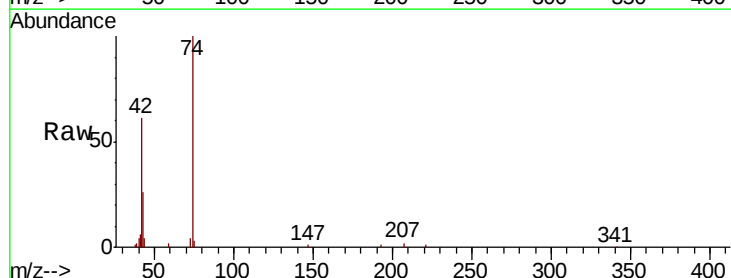
Tgt Ion: 42 Resp: 89635

Ion Ratio Lower Upper

42 100

74 164.0 115.6 173.4

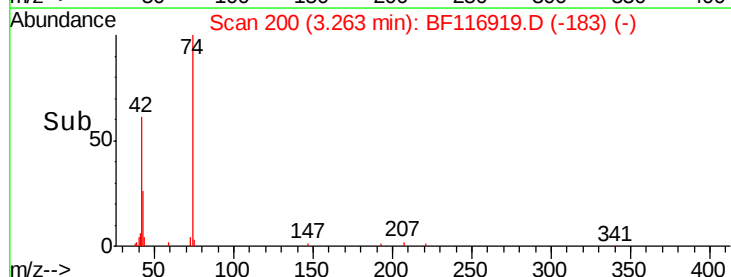
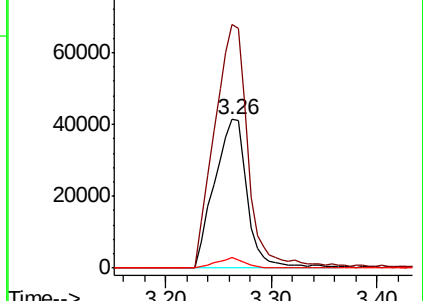
44 7.0 4.6 7.0#

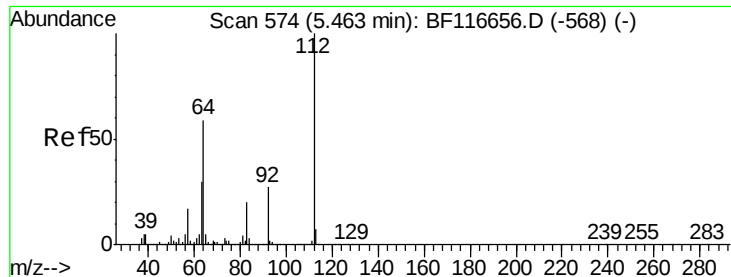


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.901 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

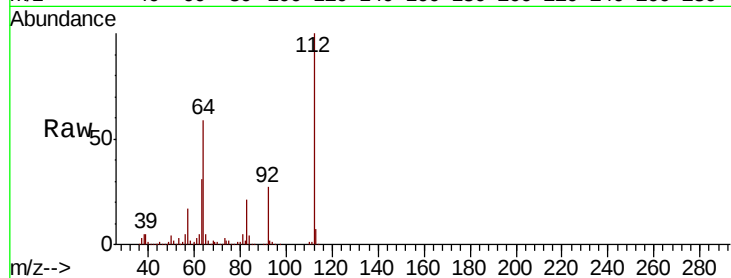
Tot Ion:112 Resp: 467767

Ion Ratio Lower Upper

112 100

64 58.8 47.1 70.7

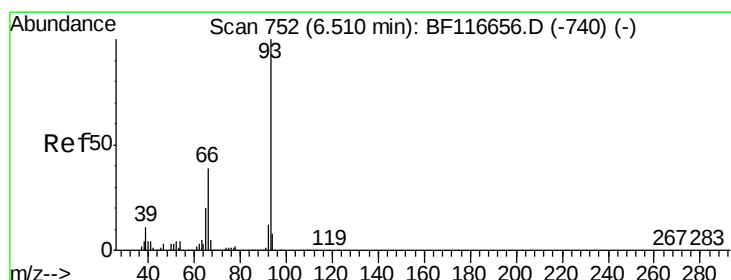
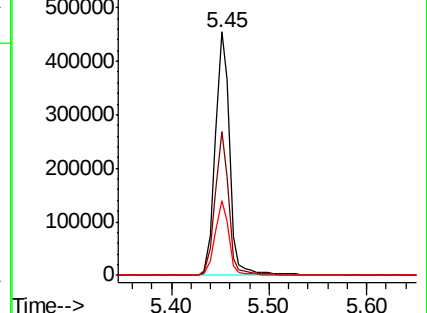
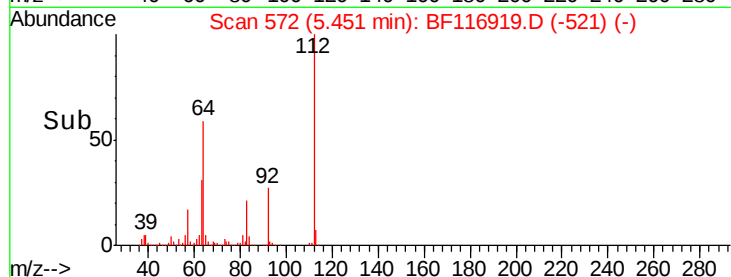
63 30.8 24.9 37.3



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: 40.018 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

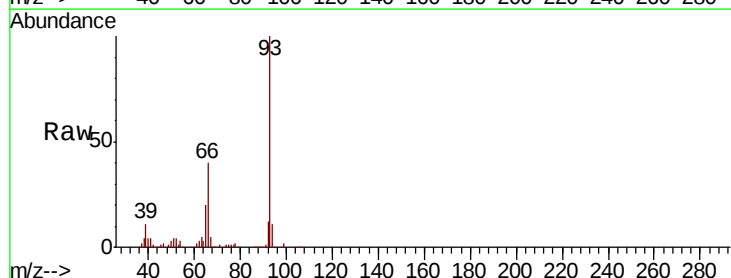
Tgt Ion: 93 Resp: 396326

Ion Ratio Lower Upper

93 100

66 39.7 32.7 49.1

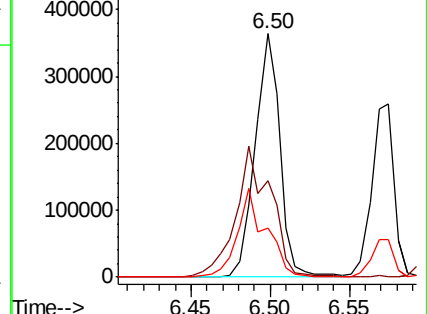
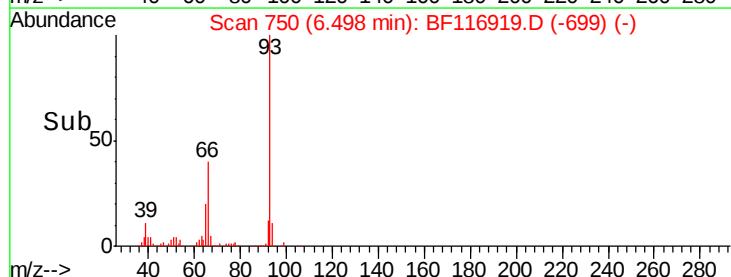
65 20.3 16.3 24.5

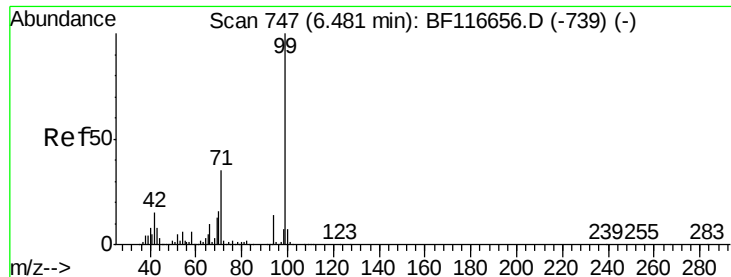


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.297 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

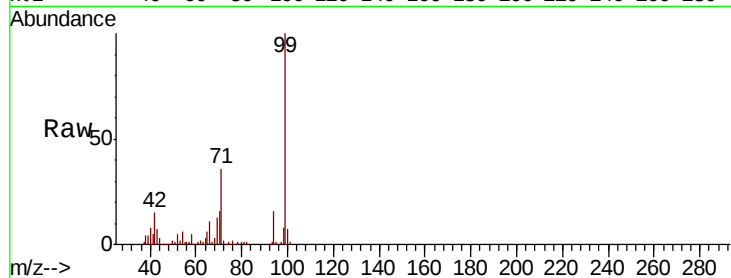
Tot Ion: 99 Resp: 602758

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

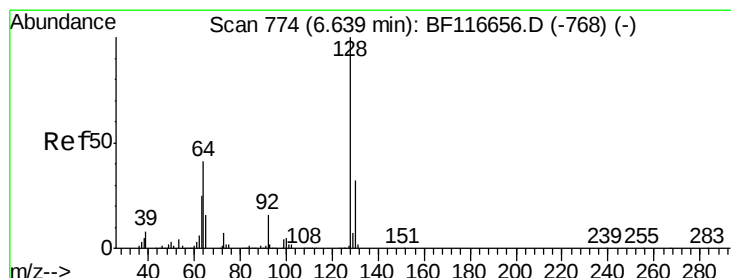
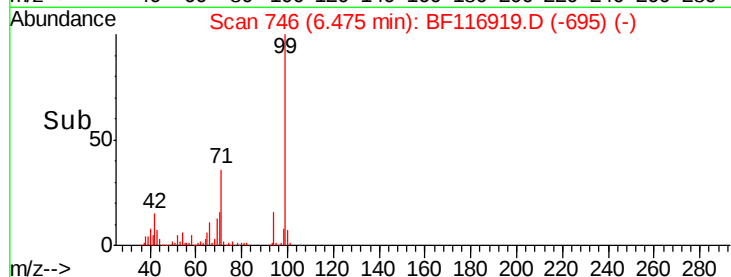
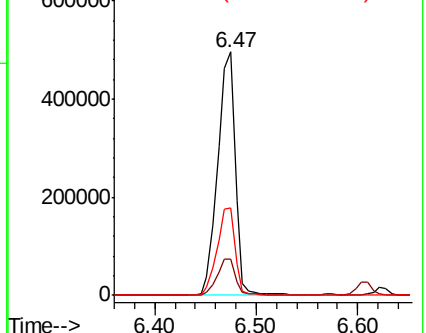
71 35.8 30.8 46.2



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: 42.272 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

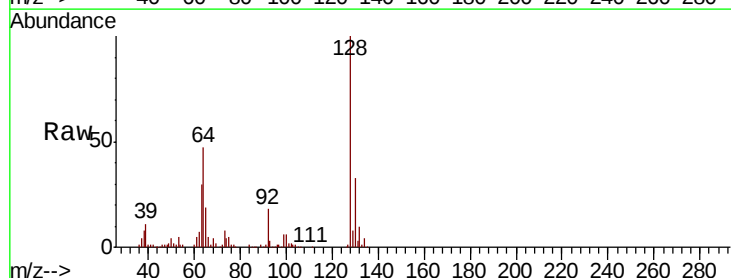
Tgt Ion: 128 Resp: 251285

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

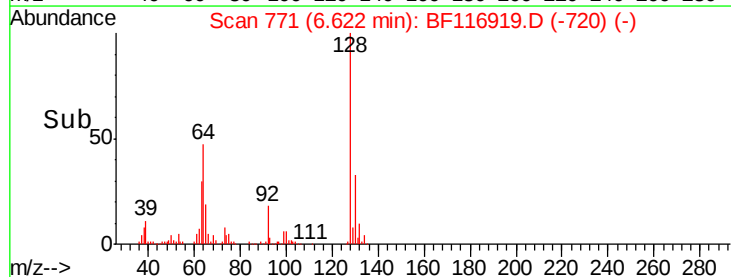
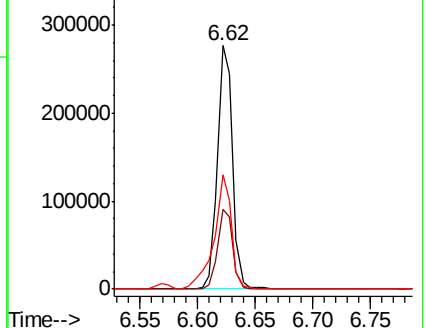
64 47.2 22.5 62.5

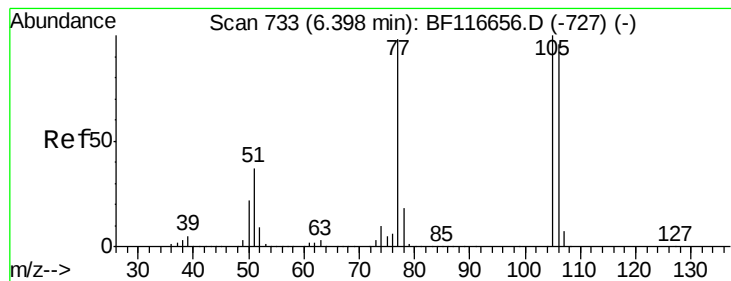


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.432 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

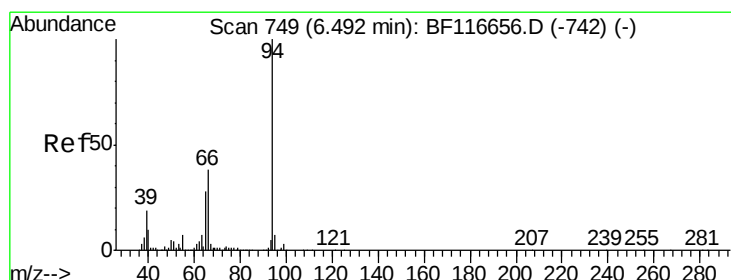
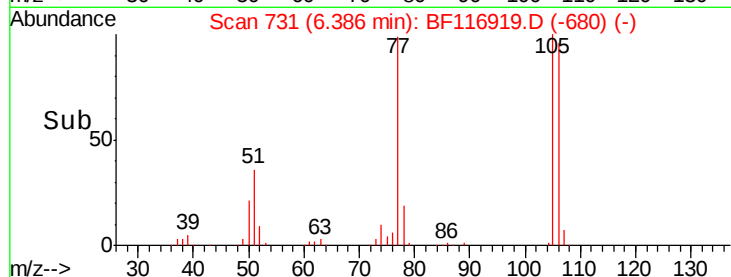
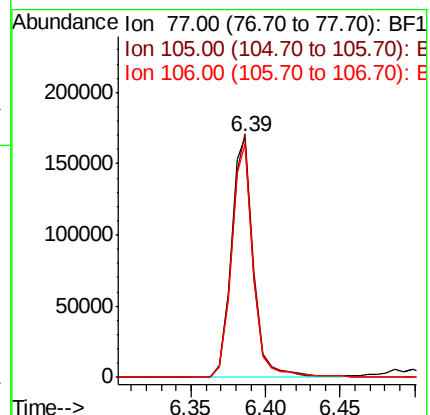
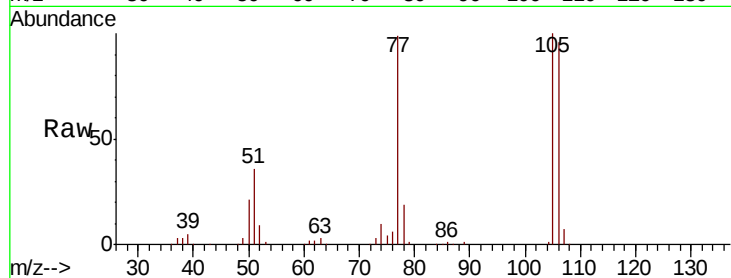
Tot Ion: 77 Resp: 176333

Ion Ratio Lower Upper

77 100

105 101.3 76.7 116.7

106 96.9 73.1 113.1



#10

Phenol

Concen: 42.174 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

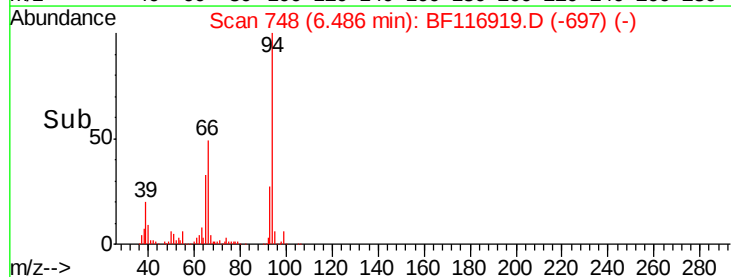
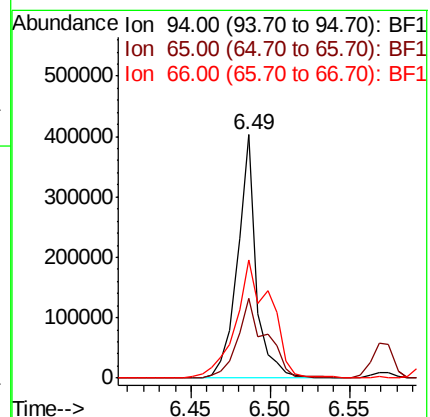
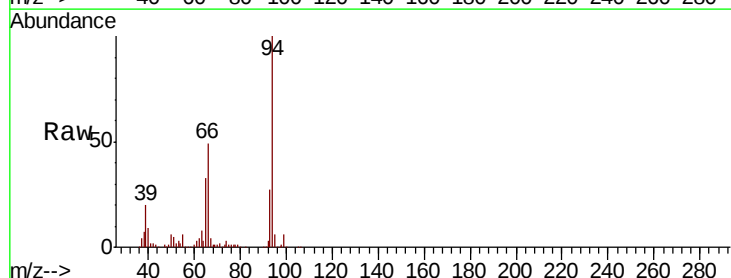
Tgt Ion: 94 Resp: 333929

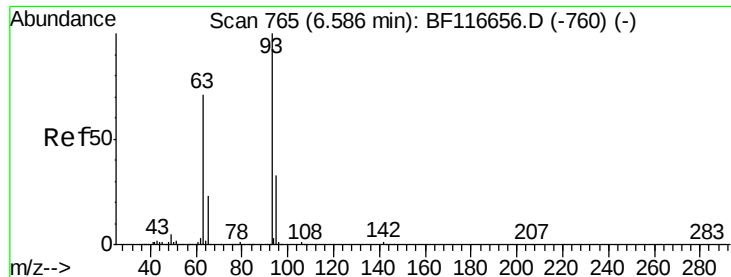
Ion Ratio Lower Upper

94 100

65 32.9 10.8 50.8

66 48.6 21.1 61.1

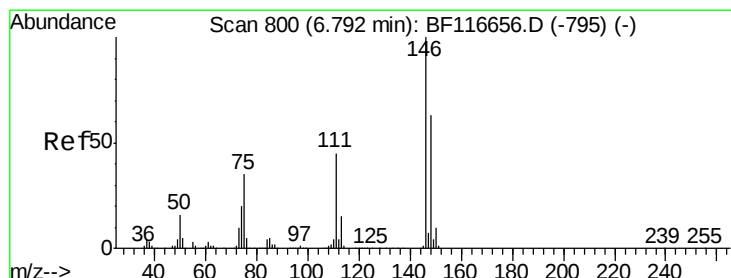
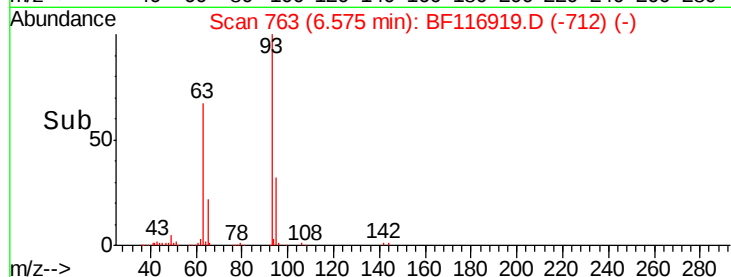
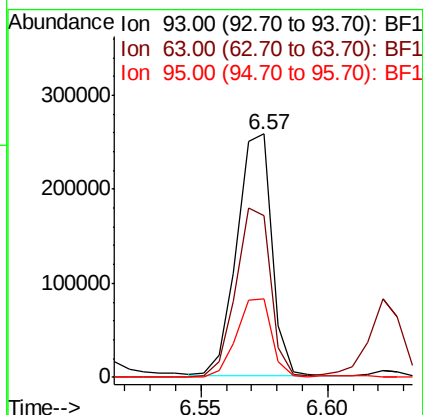
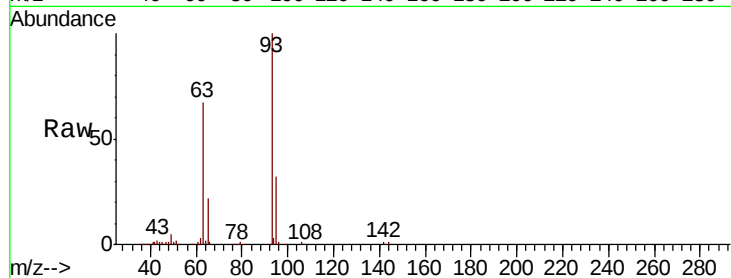




#11
bis(2-Chloroethyl)ether
Concen: 39.990 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

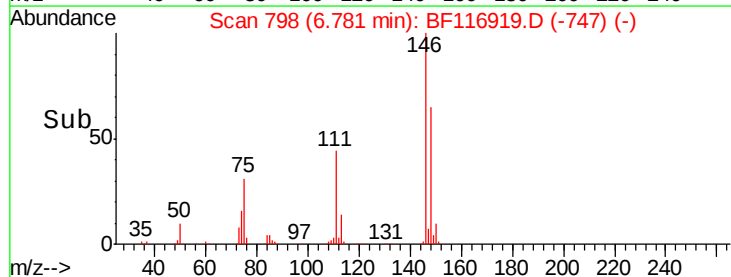
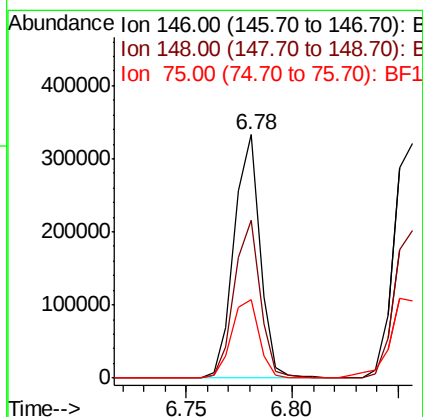
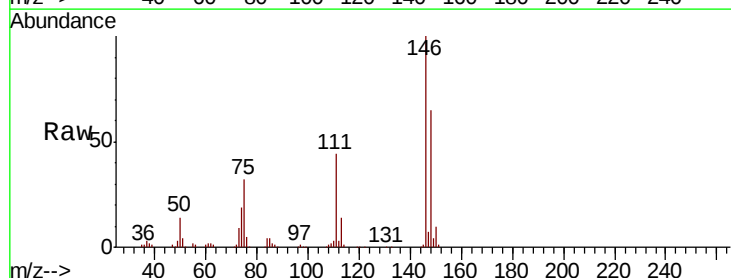
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

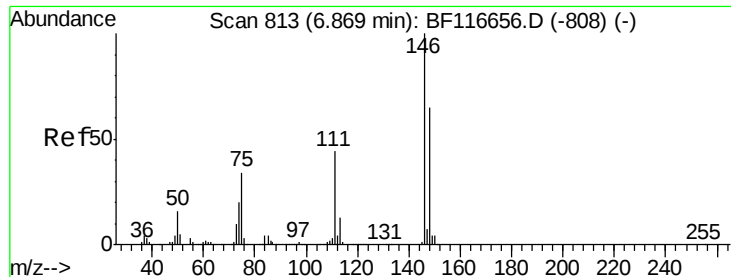
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.5	49.9	89.9
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.230 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	32.4	29.6	44.4

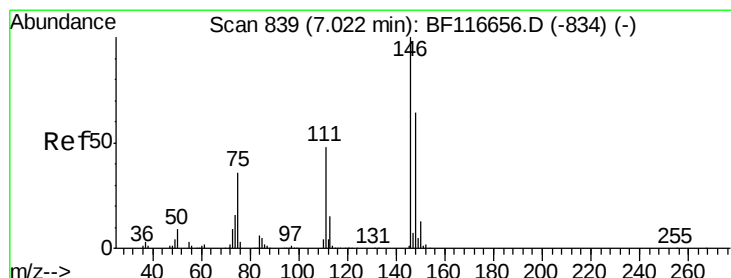
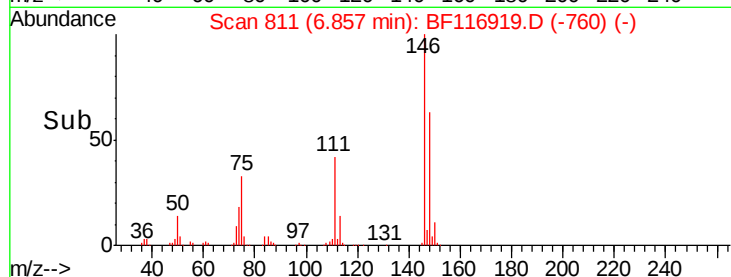
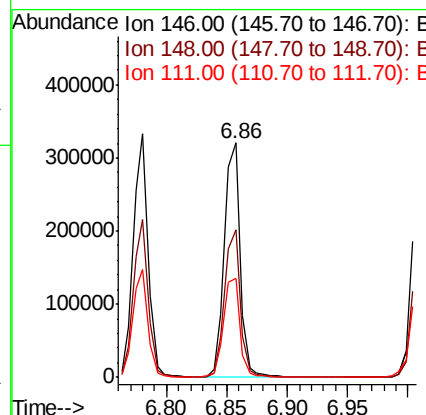
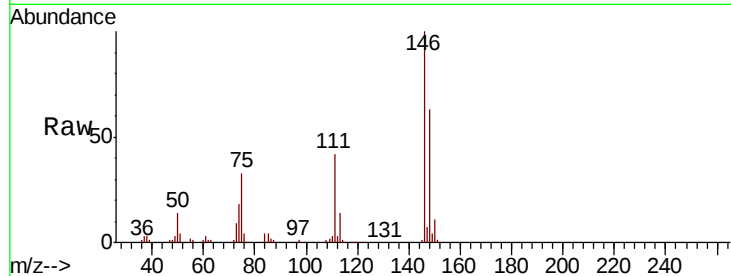




#13
 1,4-Dichlorobenzene
 Concen: 43.239 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

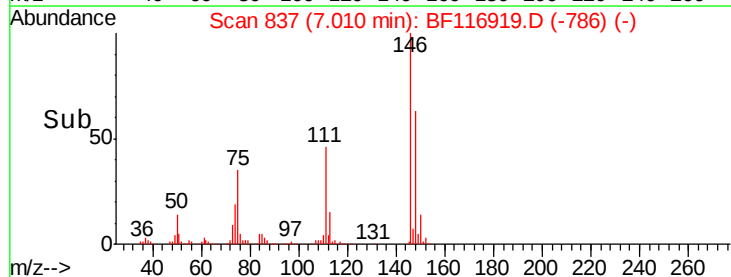
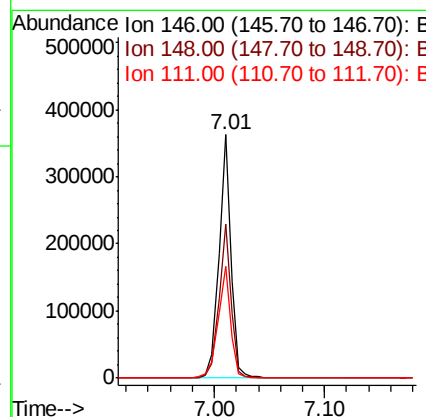
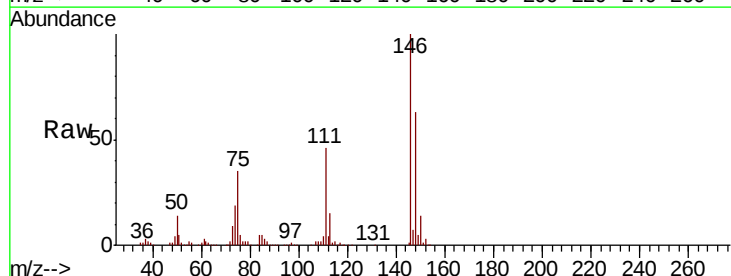
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

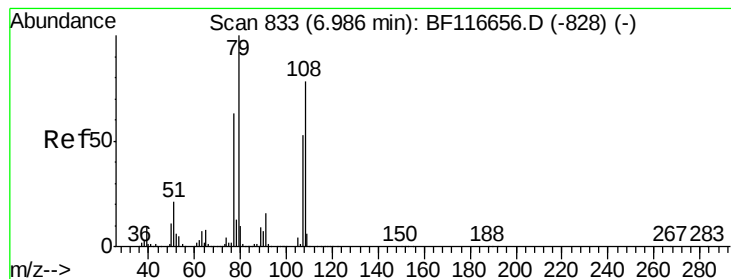
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.2
111	42.4	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 43.611 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	78.8
111	45.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 40.031 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

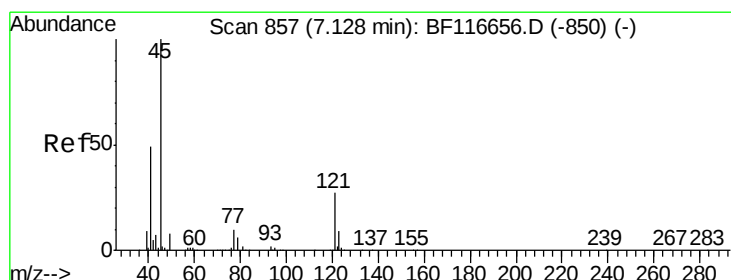
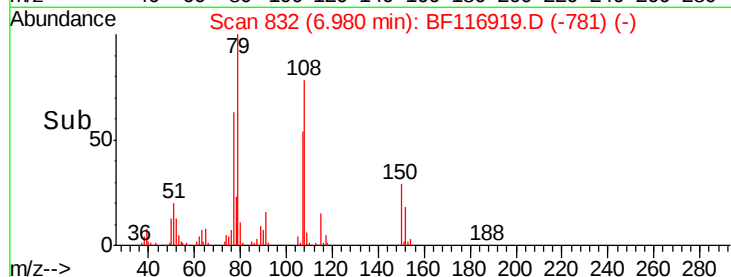
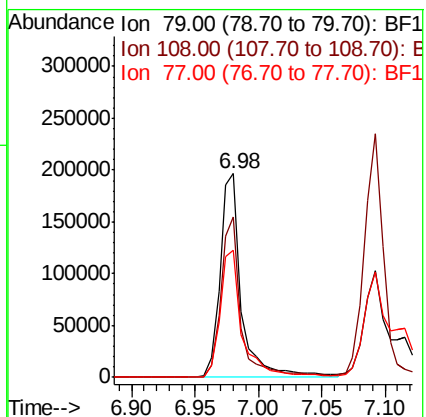
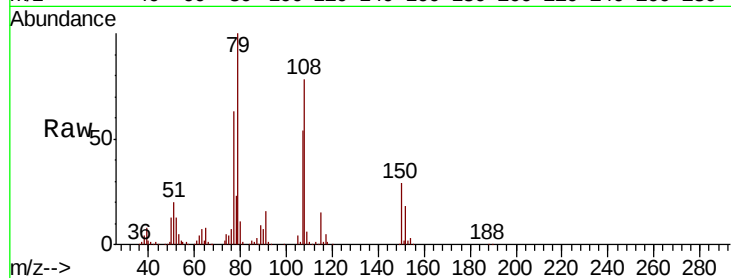
Tot Ion: 79 Resp: 232351

Ion Ratio Lower Upper

79 100

108 78.5 59.2 88.8

77 62.6 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.548 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

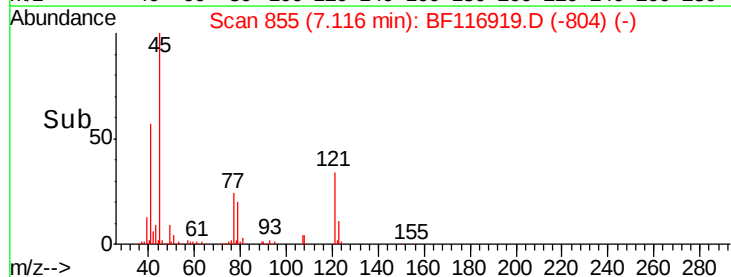
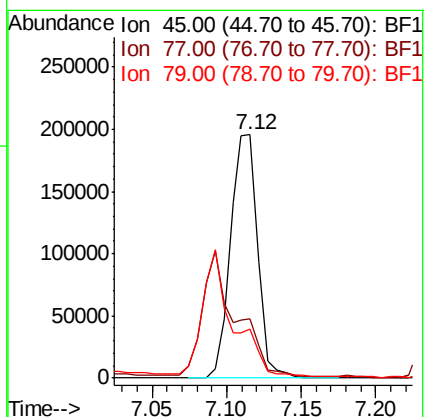
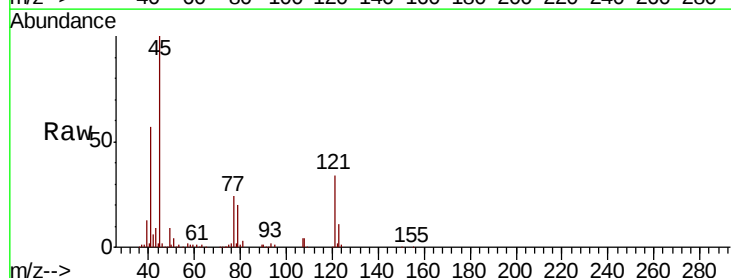
Tgt Ion: 45 Resp: 249900

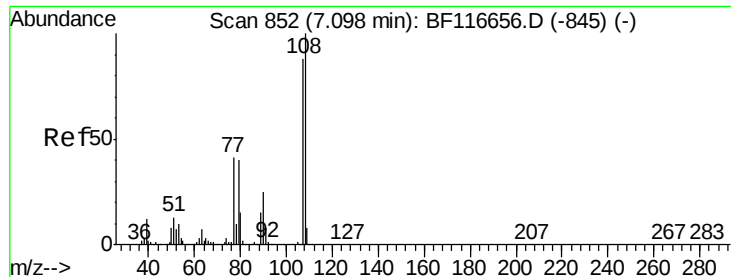
Ion Ratio Lower Upper

45 100

77 24.3 0.0 38.2

79 20.0 0.0 33.9

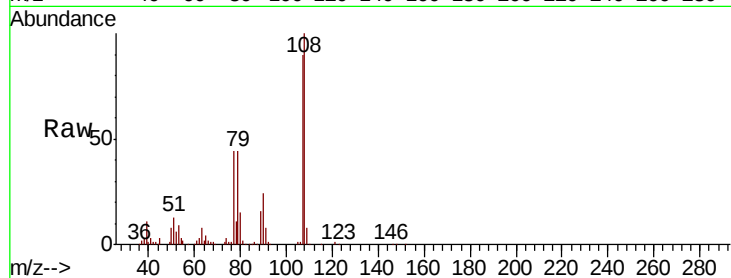




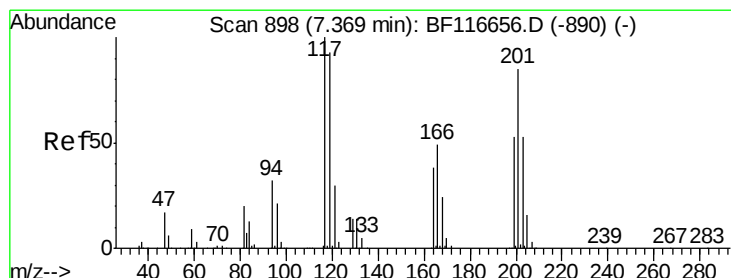
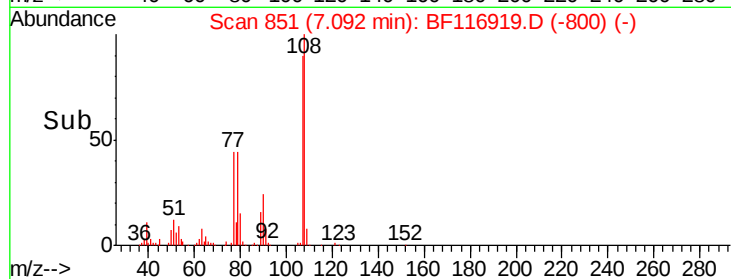
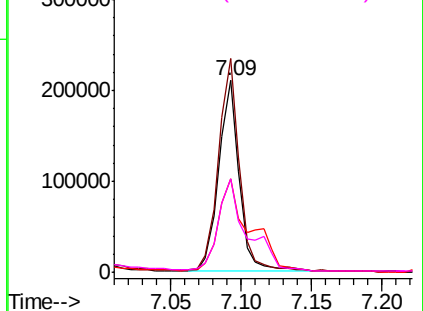
#17
2-Methylphenol
Concen: 40.985 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	213279
Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.3	132.5
77	48.5	39.9	59.9
79	48.8	39.8	59.8

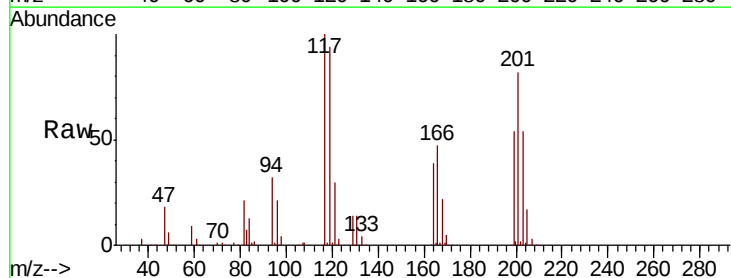


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

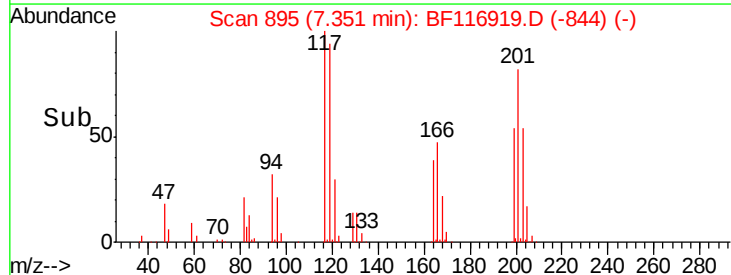
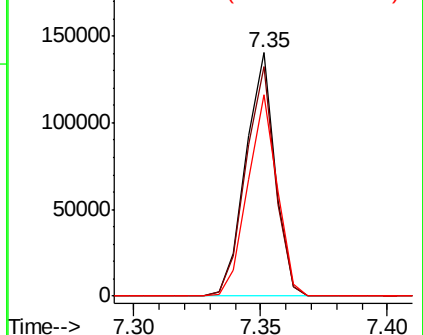


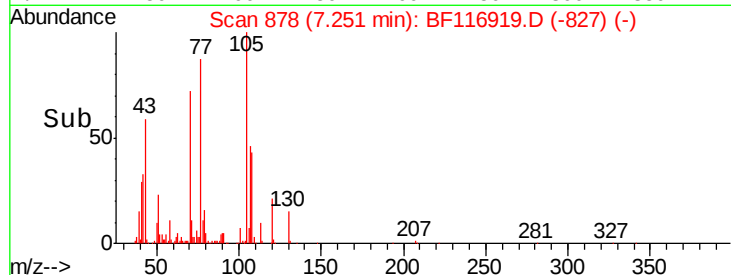
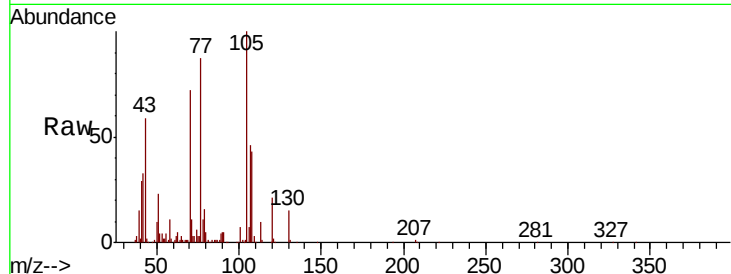
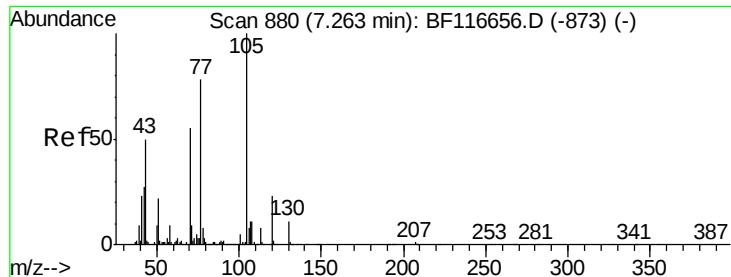
#18
Hexachloroethane
Concen: 43.545 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	117	Resp:	113161
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
201	82.5	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

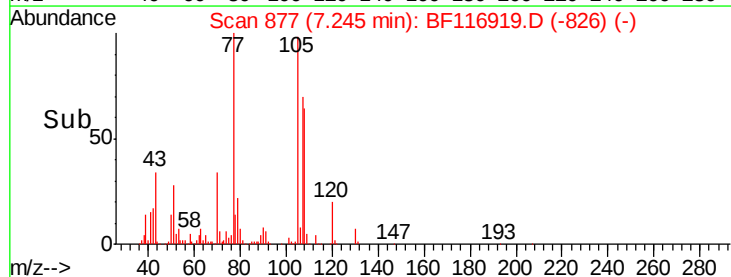
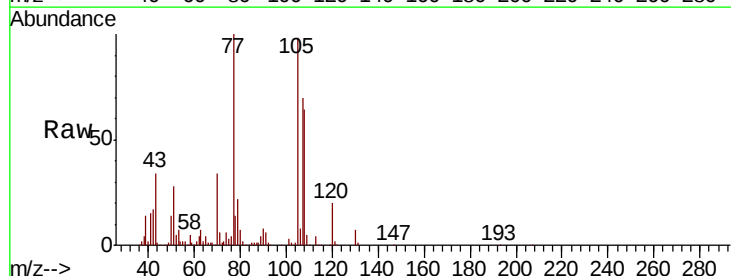
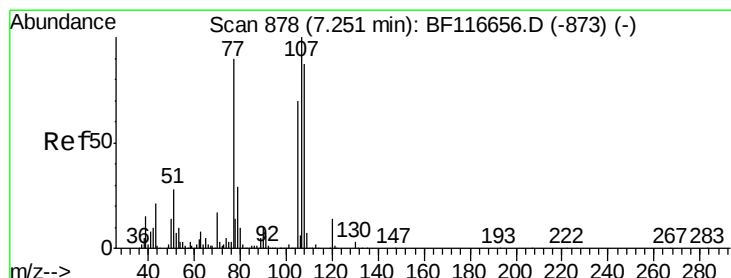
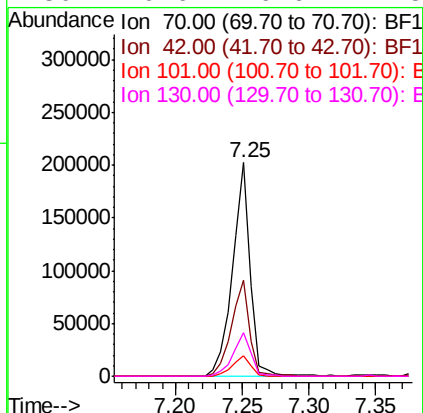




#19
n-Nitroso-di-n-propylamine
Concen: 40.324 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

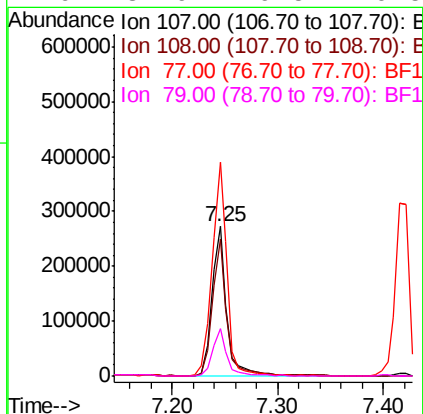
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

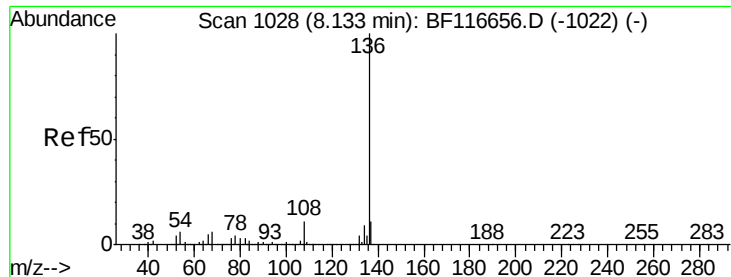
Tot Ion:	70	Resp:	189850
Ion	Ratio	Lower	Upper
70	100		
42	45.1	43.5	65.3
101	9.5	7.8	11.6
130	20.6	16.6	24.8



#20
3+4-Methylphenols
Concen: 44.081 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	107	Resp:	266710
Ion	Ratio	Lower	Upper
107	100		
108	91.8	65.5	105.5
77	142.8	69.4	109.4#
79	31.9	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 362550

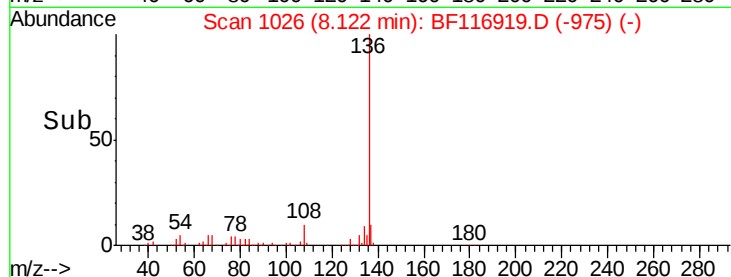
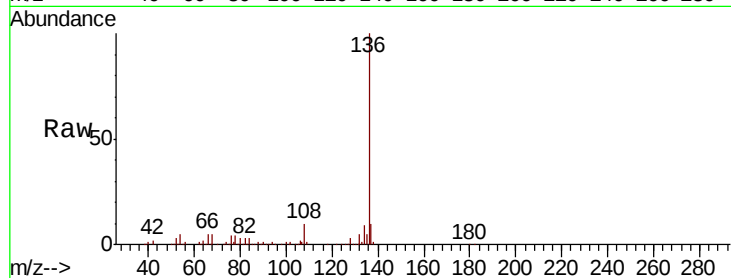
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 5.1 4.8 7.2

68 4.6 4.0 6.0

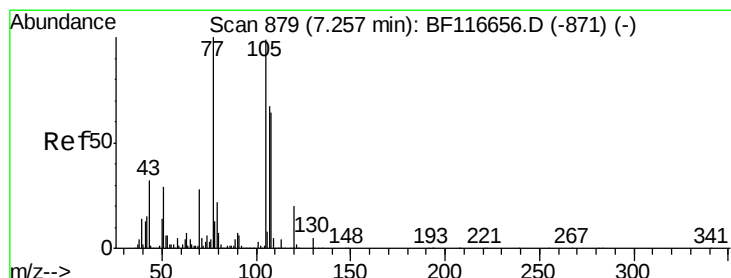
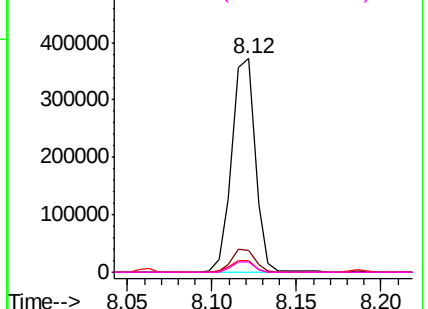


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.320 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Tgt Ion:105 Resp: 386848

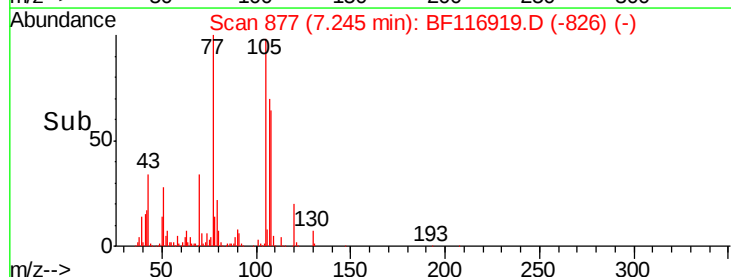
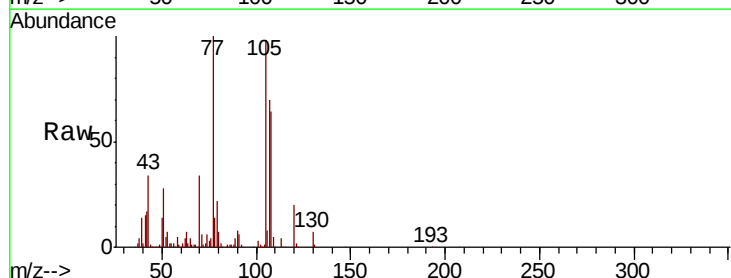
Ion Ratio Lower Upper

105 100

71 5.6 4.2 6.4

51 29.0 25.8 38.8

120 20.6 16.4 24.6

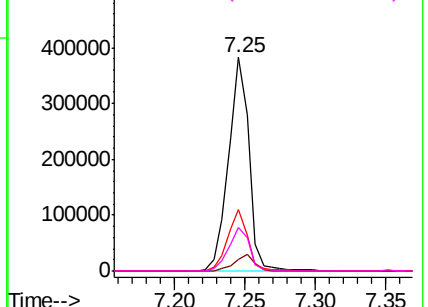


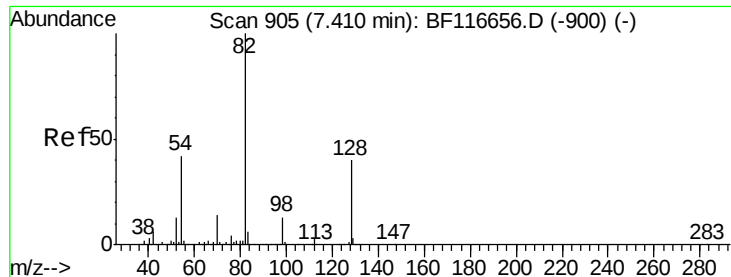
Abundance Ion 105.00 (104.70 to 105.70): E

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

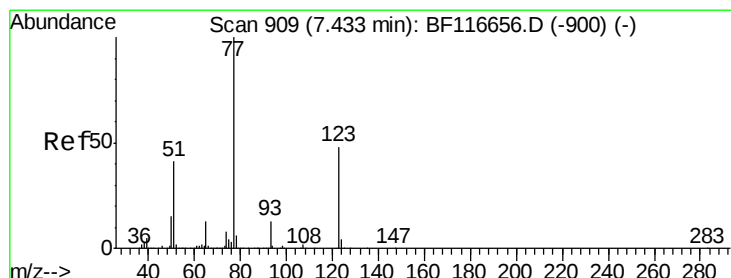
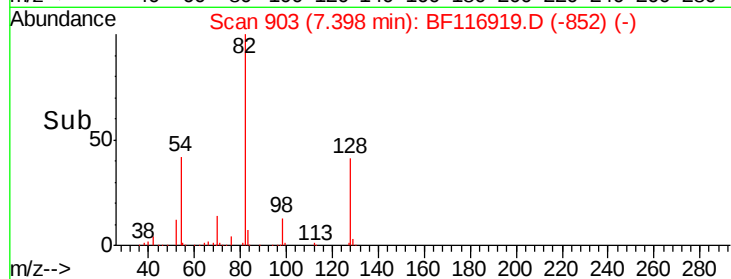
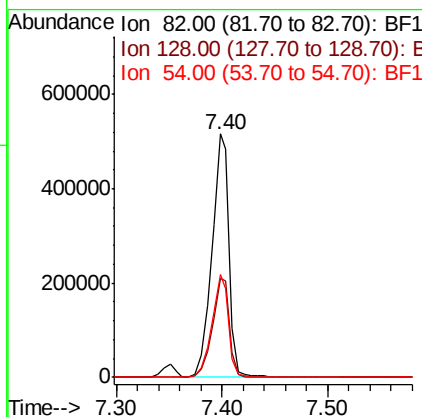
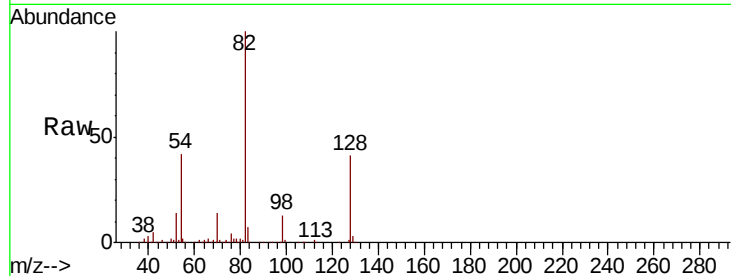




#23
 Nitrobenzene-d5
 Concen: 92.510 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

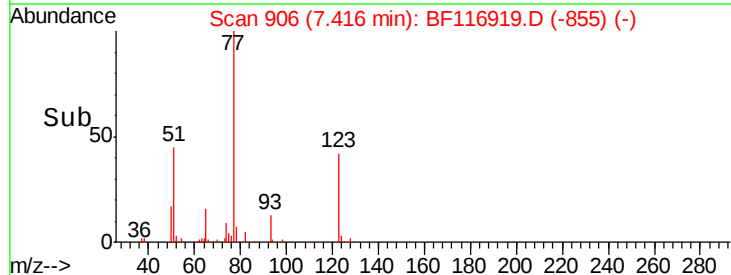
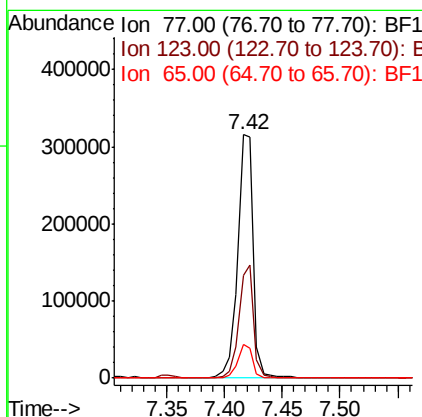
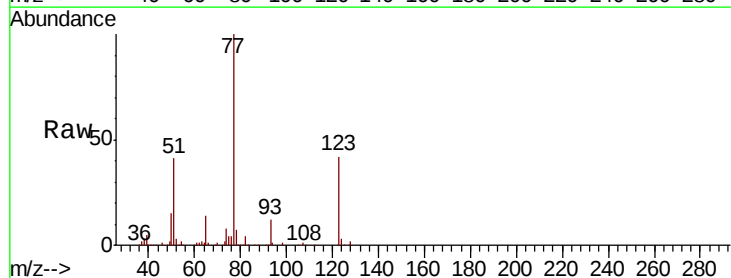
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

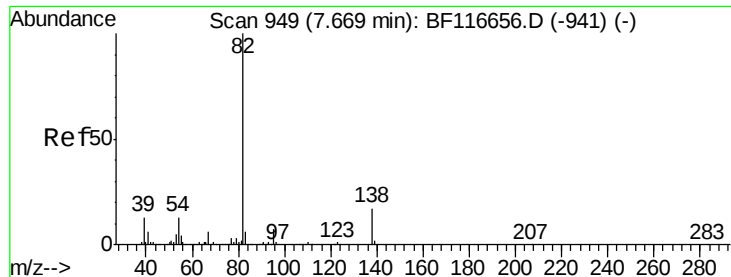
Tot Ion	82	Resp	587514
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.8	49.2
54	42.2	36.9	55.3



#24
 Nitrobenzene
 Concen: 45.289 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion	77	Resp	292522
Ion Ratio	Lower	Upper	
77	100		
123	42.1	33.1	49.7
65	13.6	10.6	15.8

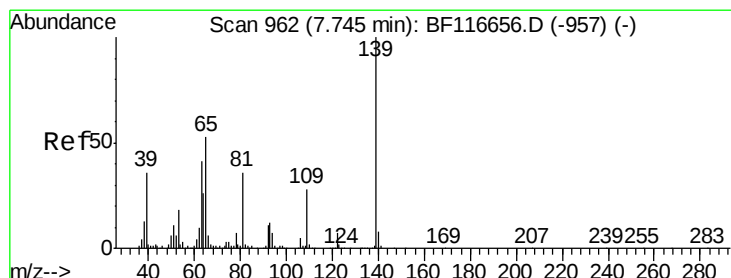
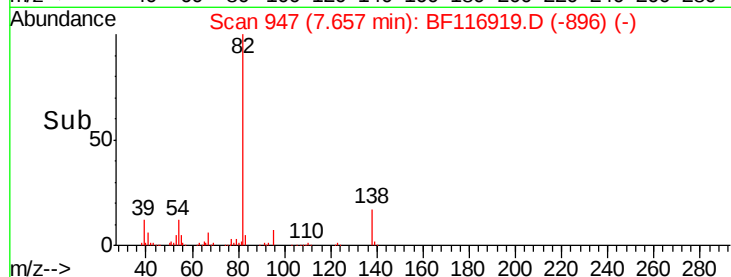
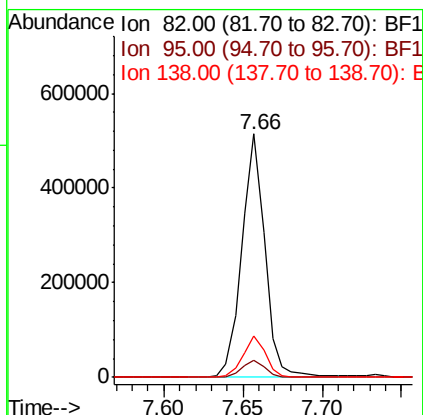
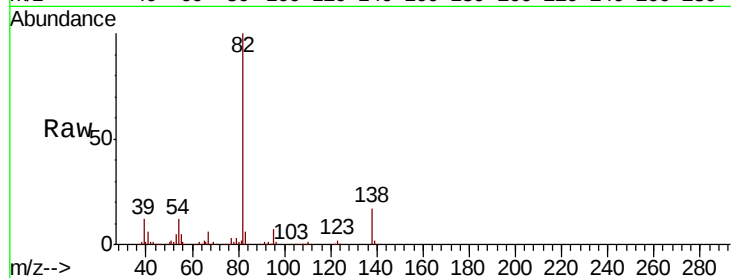




#25
Isophorone
Concen: 40.380 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

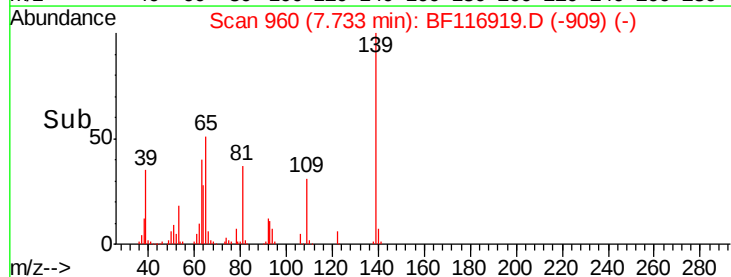
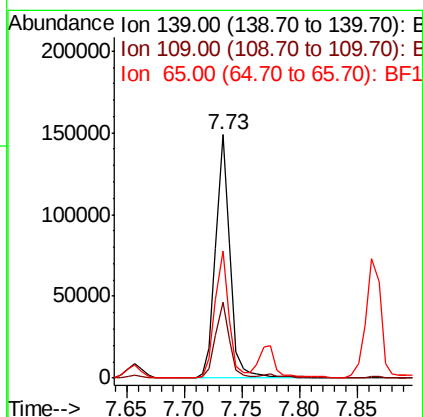
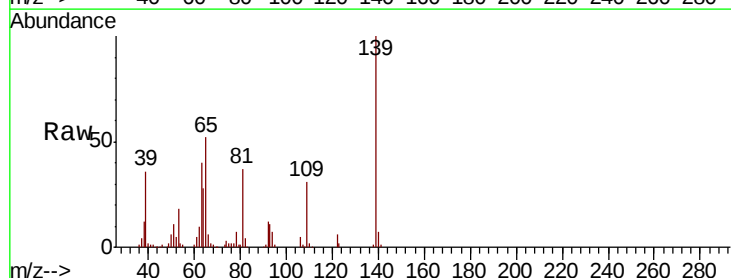
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

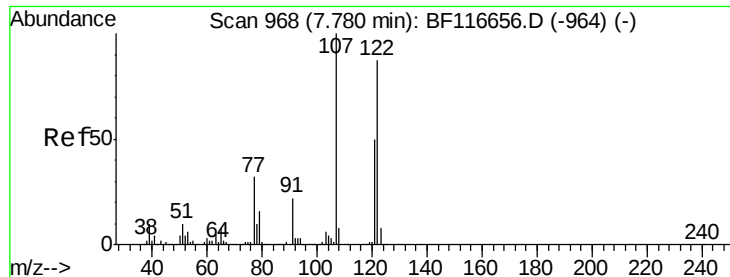
Tot Ion	82	Resp	519644
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	17.0	13.5	20.3



#26
2-Nitrophenol
Concen: 54.027 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	139	Resp	129737
Ion Ratio	Lower	Upper	
139	100		
109	31.1	27.1	40.7
65	52.1	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 39.886 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

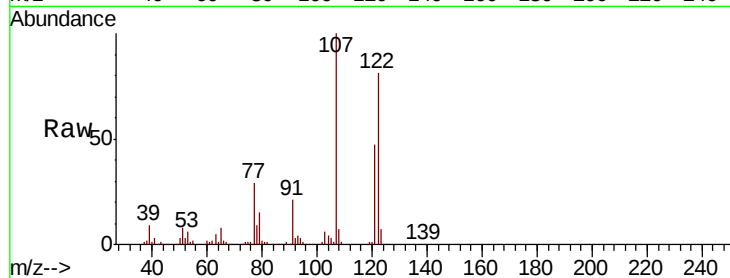
Tot Ion:122 Resp: 193436

Ion Ratio Lower Upper

122 100

107 123.5 98.1 147.1

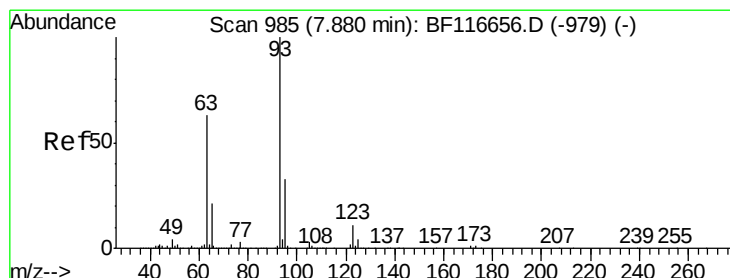
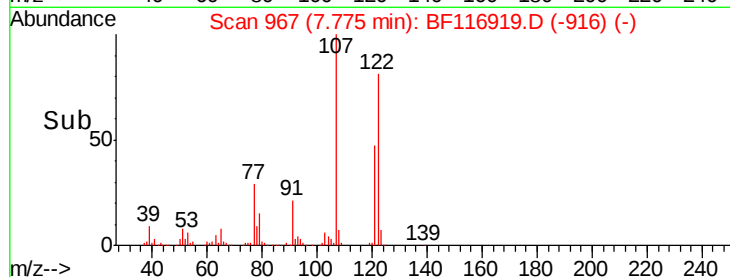
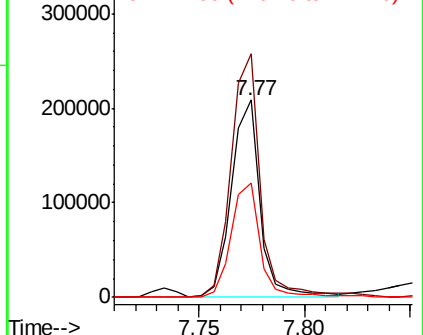
121 58.1 47.3 70.9



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: 40.911 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

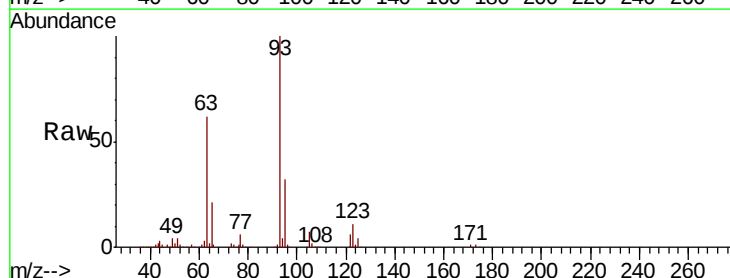
Tgt Ion: 93 Resp: 321731

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

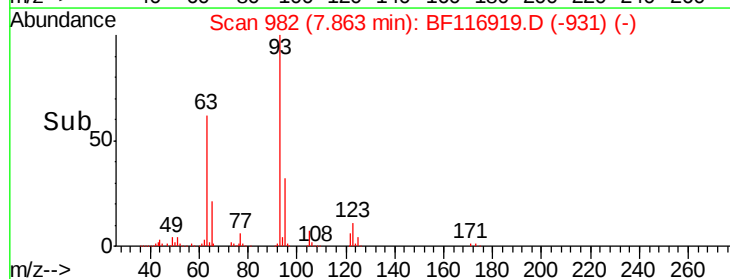
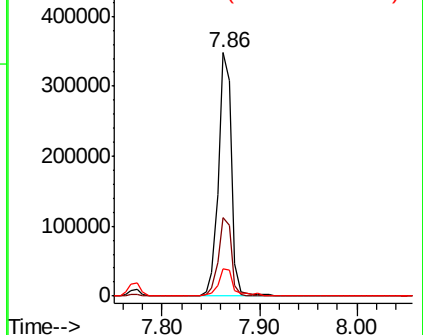
123 11.3 9.8 14.8

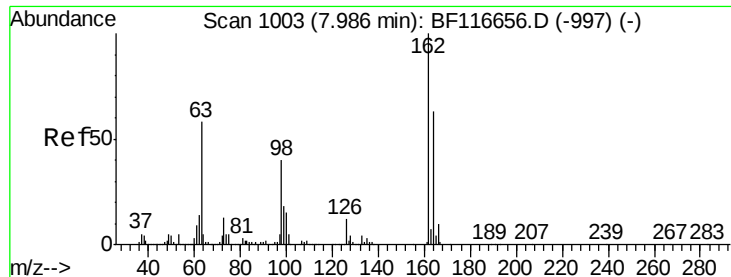


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.660 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

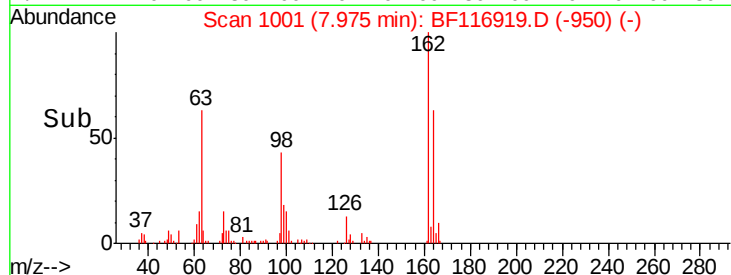
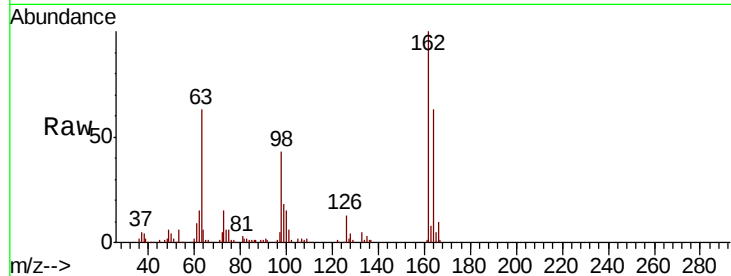
Tot Ion:162 Resp: 208147

Ion Ratio Lower Upper

162 100

164 63.5 43.4 83.4

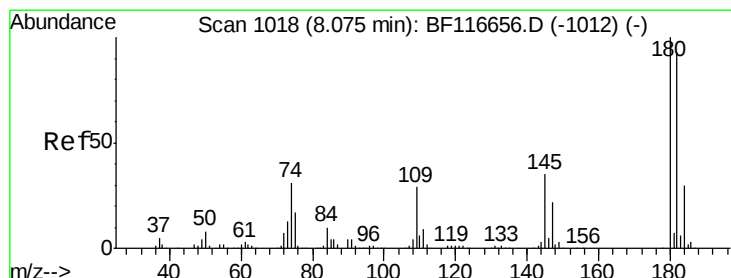
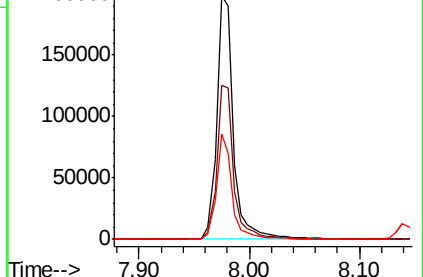
98 43.1 18.1 58.1



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: 43.536 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

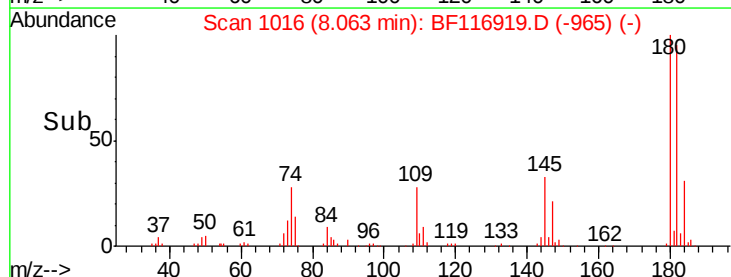
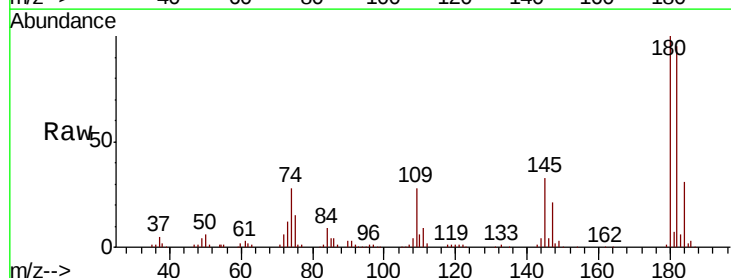
Tgt Ion:180 Resp: 220083

Ion Ratio Lower Upper

180 100

182 95.3 78.6 118.0

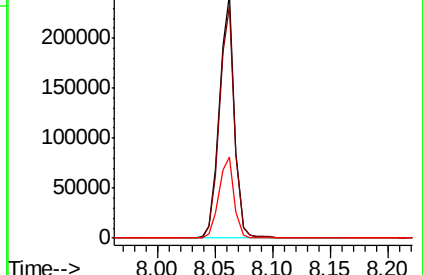
145 33.3 25.7 38.5

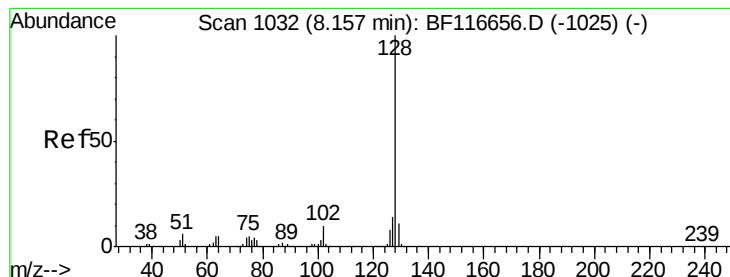


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.651 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

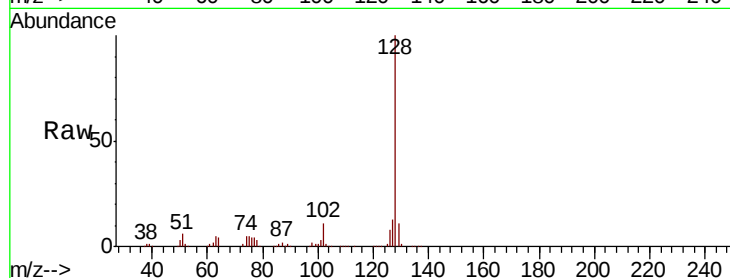
Tot Ion:128 Resp: 735289

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

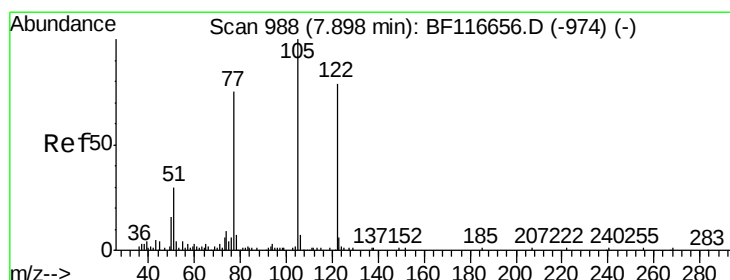
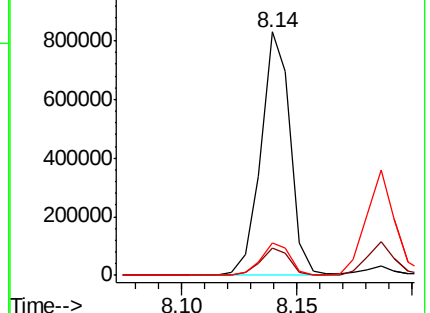
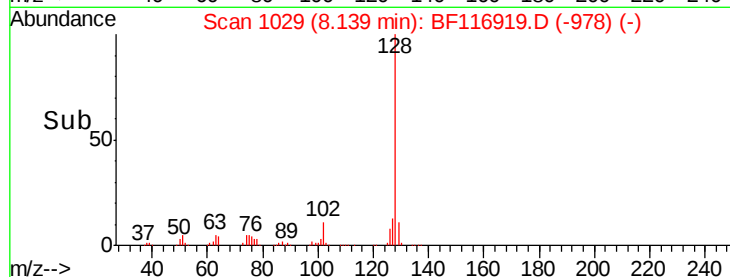
127 13.3 10.4 15.6



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: 36.489 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

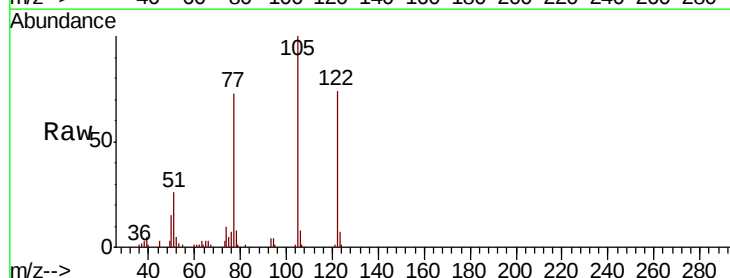
Tgt Ion:122 Resp: 99920

Ion Ratio Lower Upper

122 100

105 135.5 110.0 150.0

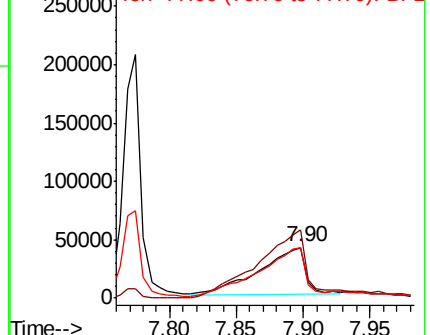
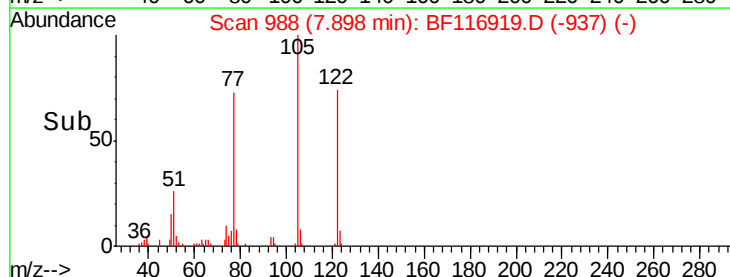
77 99.2 81.7 121.7

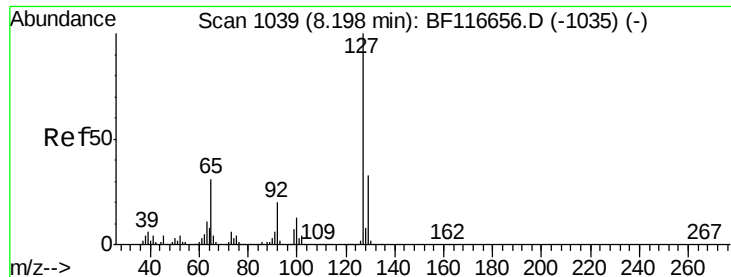


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

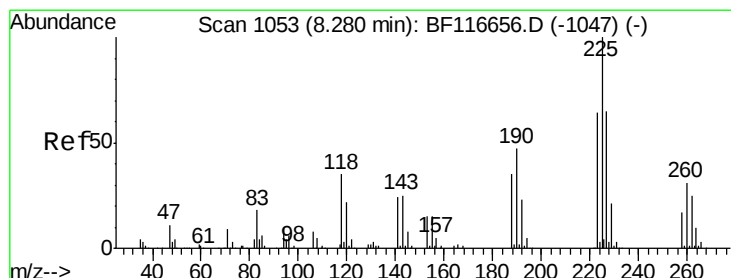
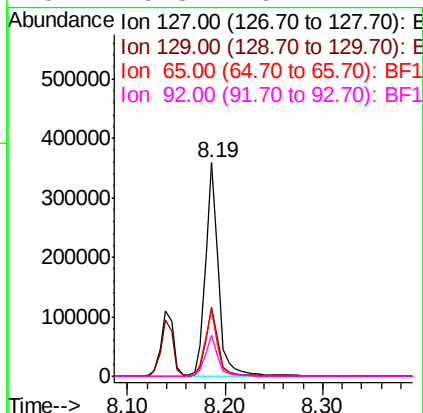
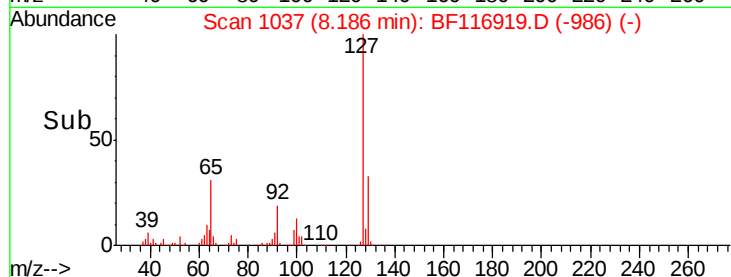
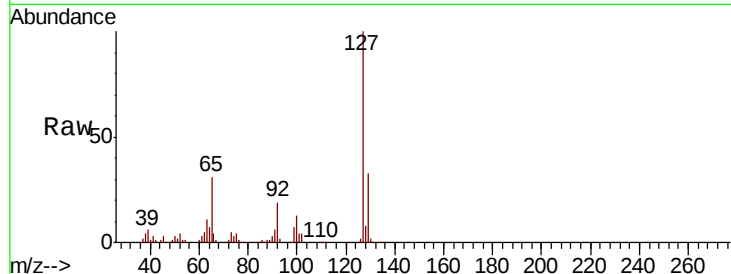




#33
4-Chloroaniline
Concen: 41.842 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

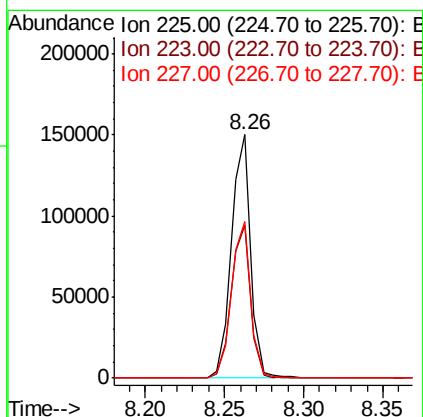
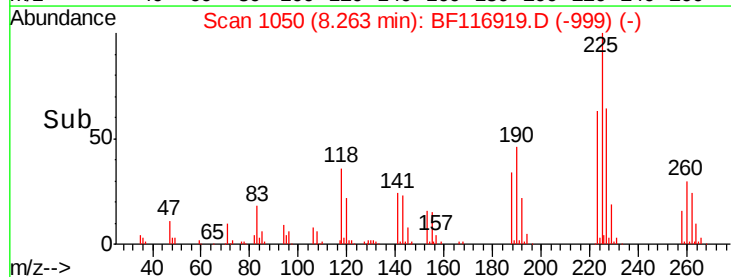
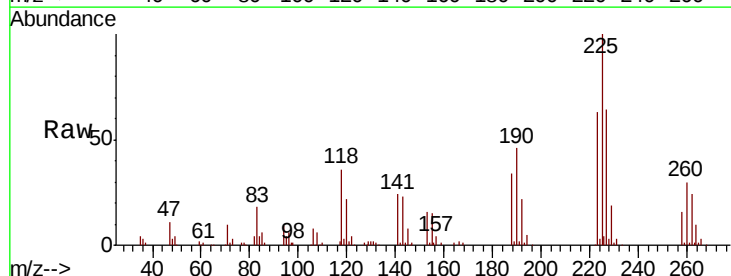
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

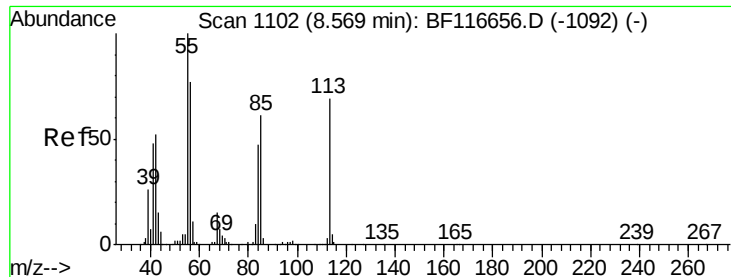
Tot Ion:	127	Resp:	328353
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	31.4	26.0	39.0
92	19.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.834 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	225	Resp:	126334
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	64.2	51.0	76.4





#35

Caprolactam

Concen: 39.269 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

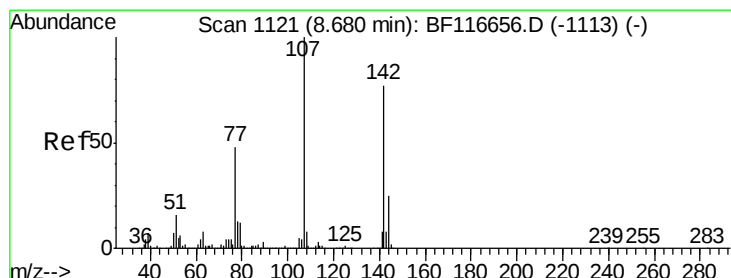
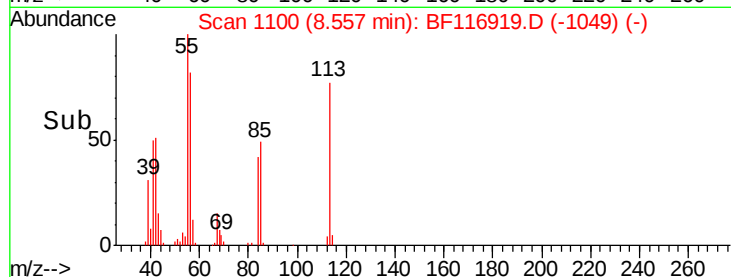
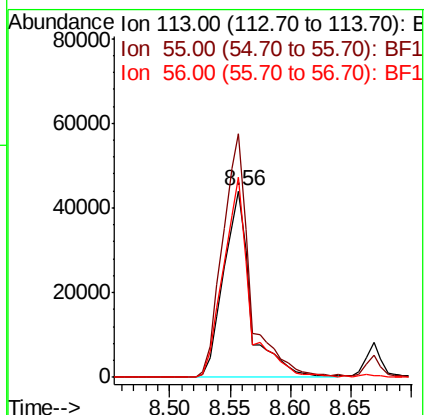
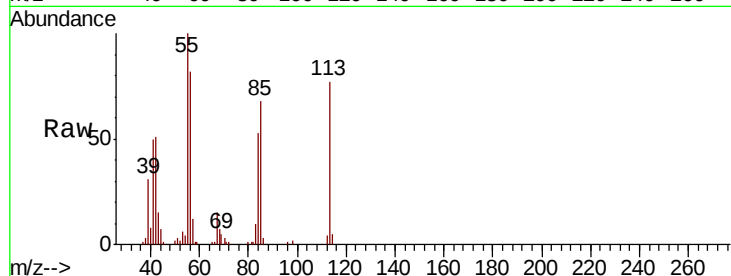
Tot Ion:113 Resp: 68494

Ion Ratio Lower Upper

113 100

55 130.5 124.3 164.3

56 107.2 94.6 134.6



#36

4-Chloro-3-methylphenol

Concen: 44.545 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

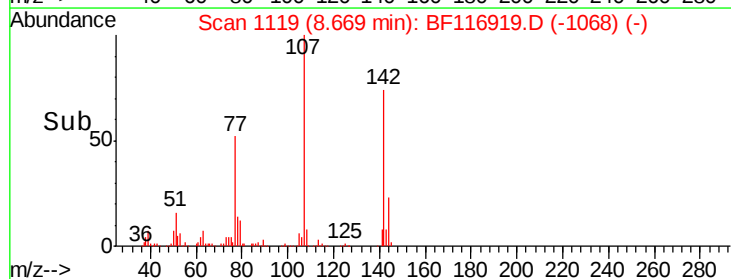
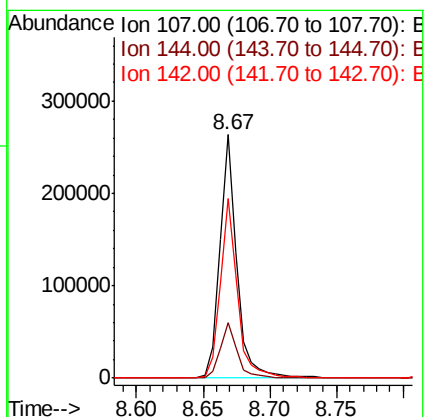
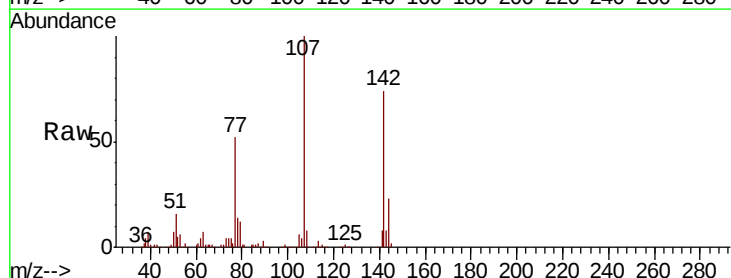
Tgt Ion:107 Resp: 238615

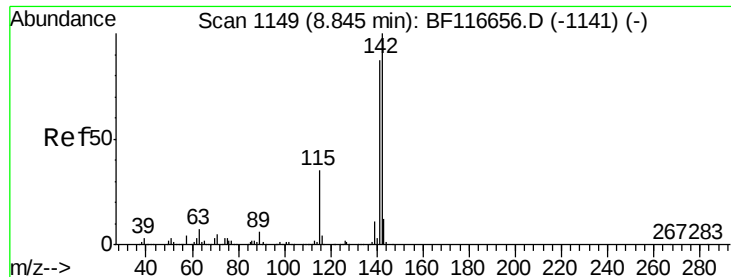
Ion Ratio Lower Upper

107 100

144 22.6 18.6 27.8

142 73.9 58.5 87.7





#37

2-Methylnaphthalene

Concen: 43.360 ng

RT: 8.83 min Scan# 1146

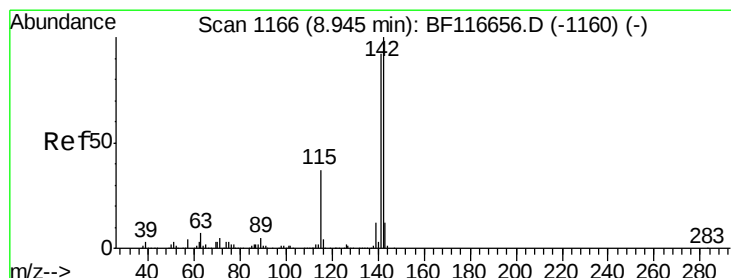
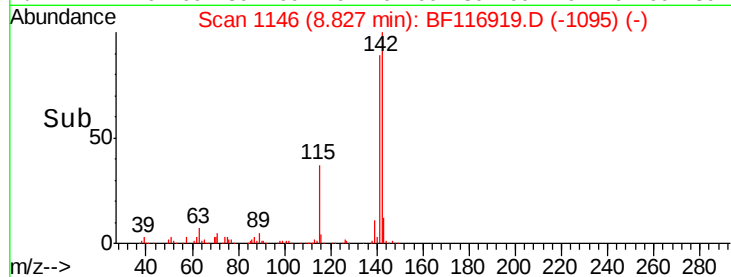
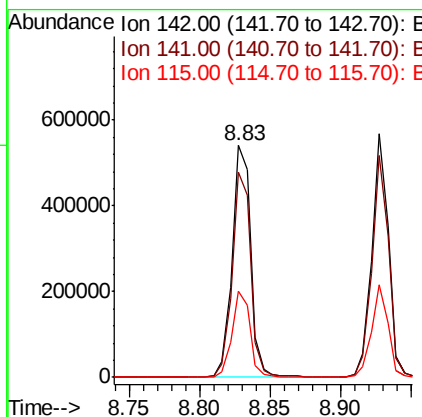
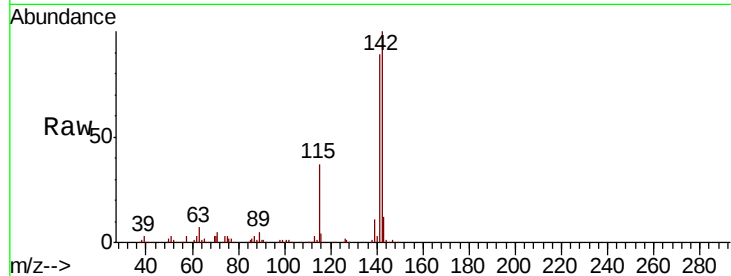
Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	109.0
115	37.0	29.8	44.6



#38

1-Methylnaphthalene

Concen: 42.943 ng

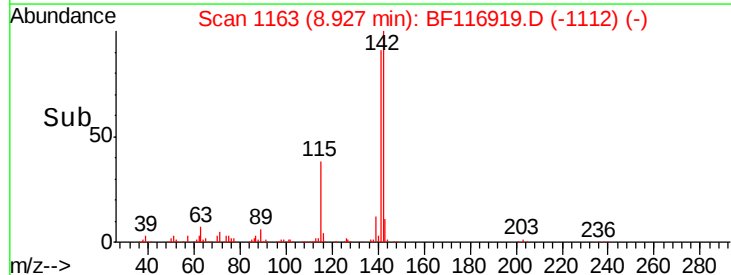
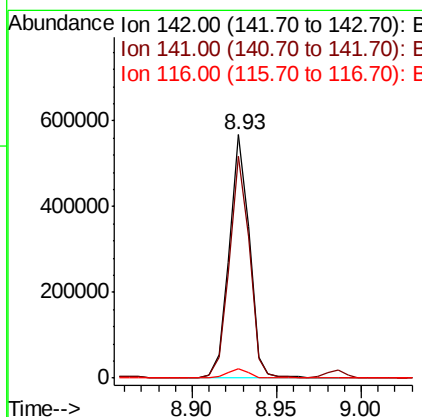
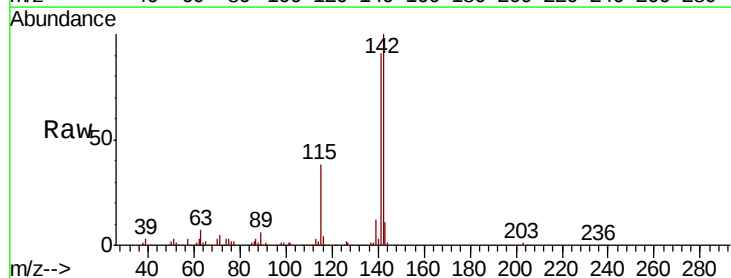
RT: 8.93 min Scan# 1163

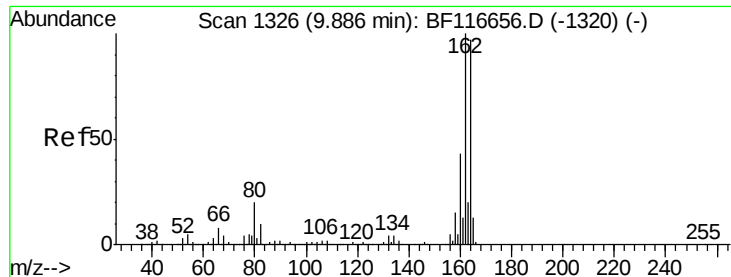
Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.9	110.9
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

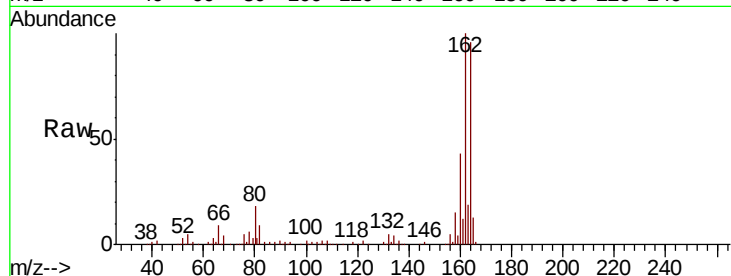
Tot Ion:164 Resp: 183079

Ion Ratio Lower Upper

164 100

162 104.0 81.4 122.0

160 44.5 35.4 53.2

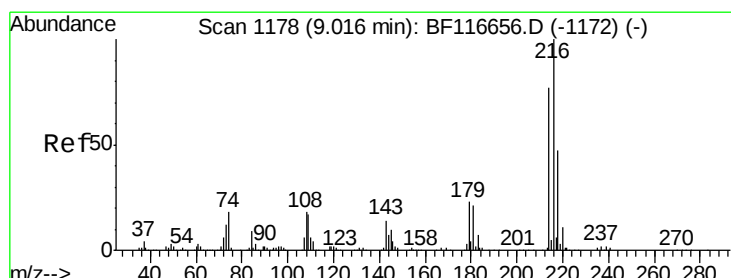
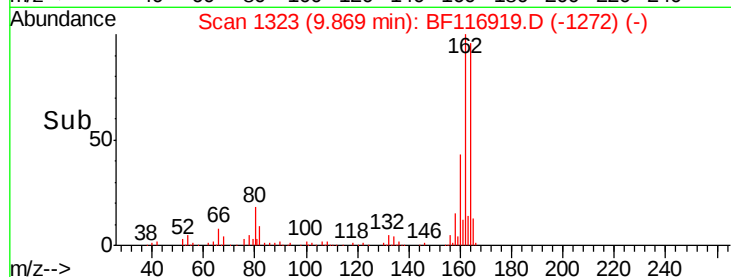
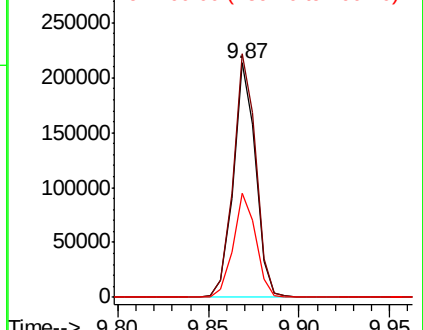


Abundance

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: 45.595 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Tgt Ion:216 Resp: 200103

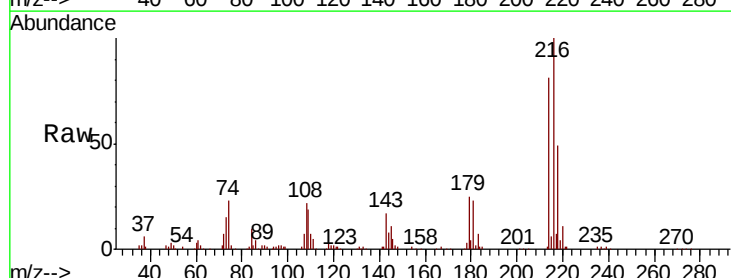
Ion Ratio Lower Upper

216 100

214 80.0 62.7 94.1

179 24.4 19.3 28.9

108 23.3 16.6 25.0



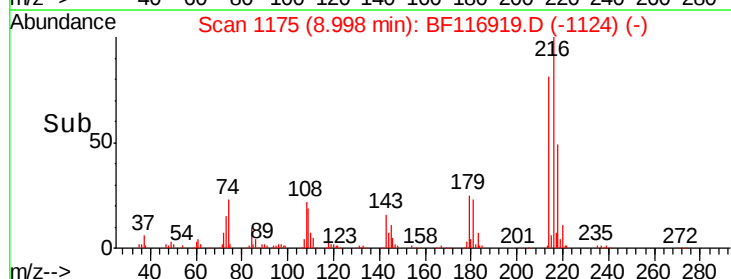
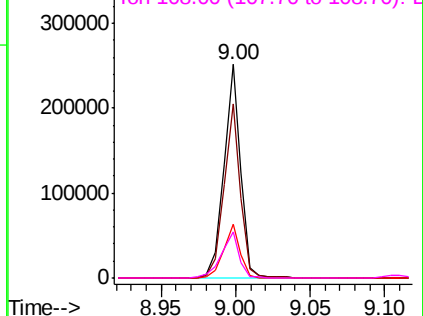
Abundance

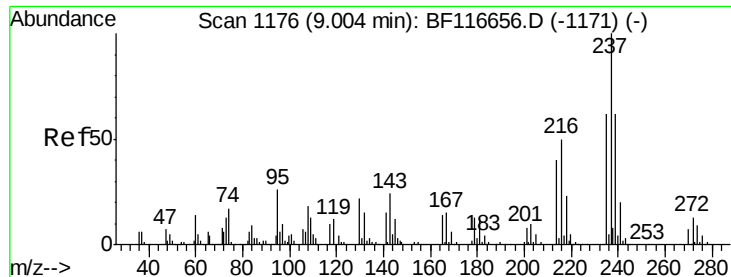
Ion 216.00 (215.70 to 216.70): E

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: 35.805 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

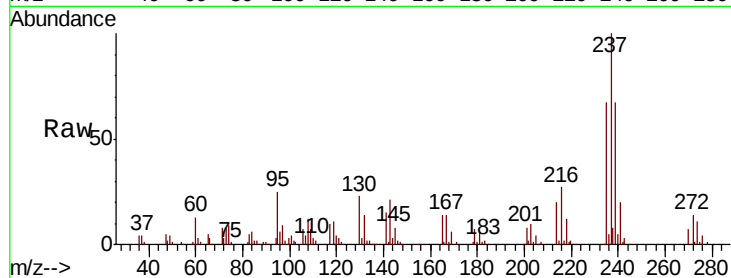
Tot Ion:237 Resp: 90743

Ion Ratio Lower Upper

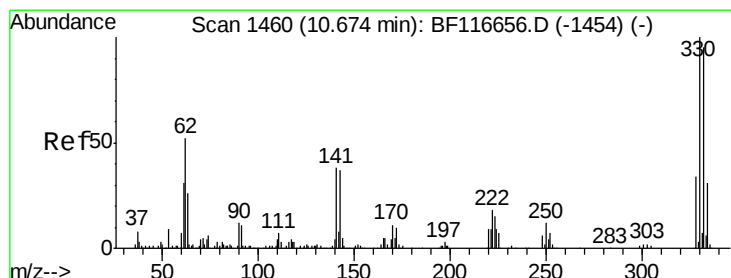
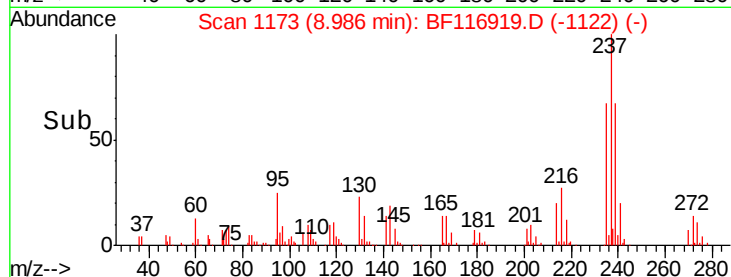
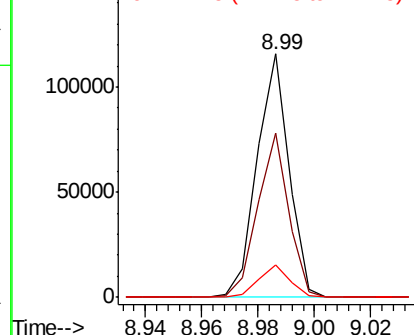
237 100

235 67.4 41.4 81.4

272 13.5 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: 108.093 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

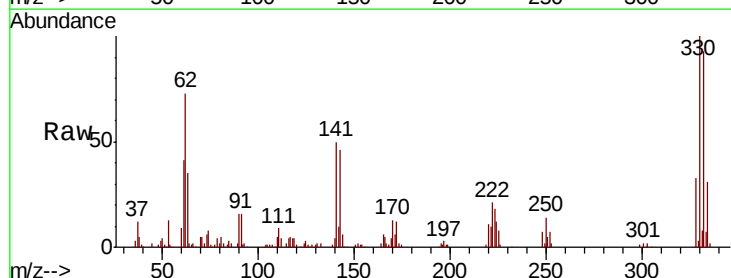
Tgt Ion:330 Resp: 132297

Ion Ratio Lower Upper

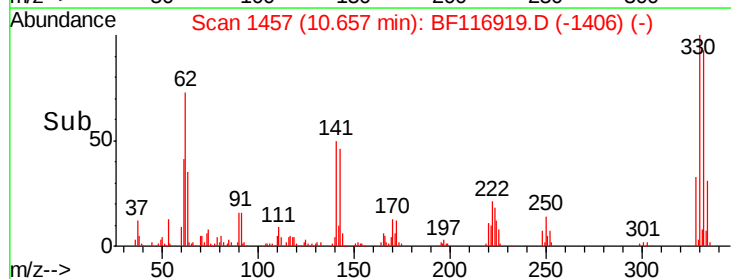
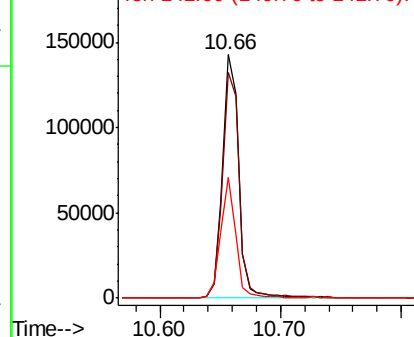
330 100

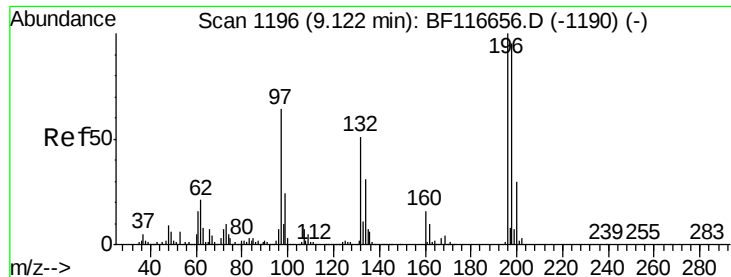
332 95.7 76.9 115.3

141 45.3 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: 47.018 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

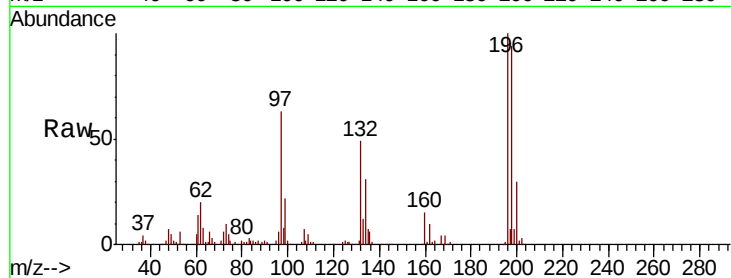
Tot Ion:196 Resp: 141452

Ion Ratio Lower Upper

196 100

198 94.4 79.1 118.7

200 30.2 24.0 36.0

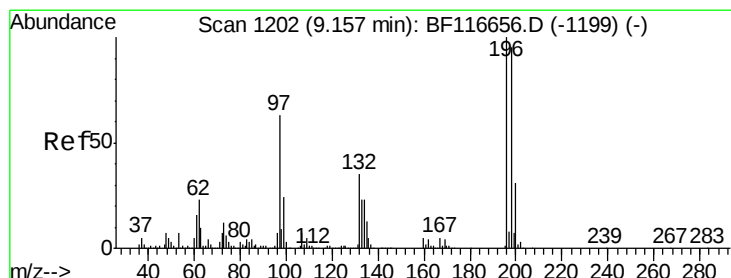
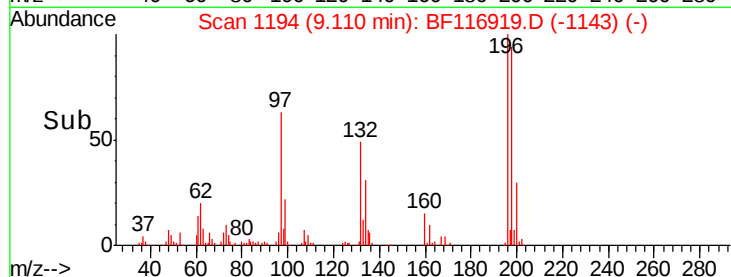
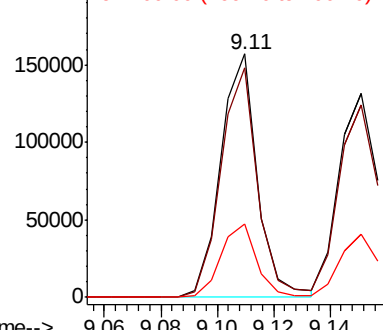


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 46.580 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Tgt Ion:196 Resp: 145483

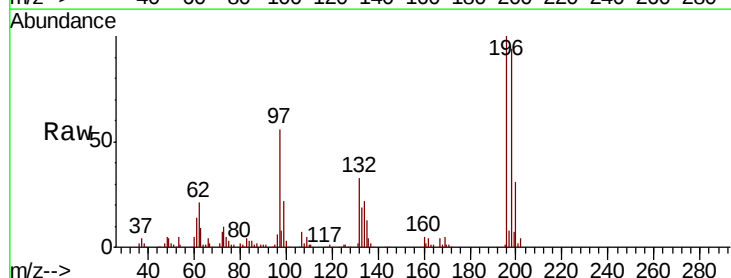
Ion Ratio Lower Upper

196 100

198 94.1 78.1 117.1

97 56.4 41.6 62.4

132 33.0 23.5 35.3



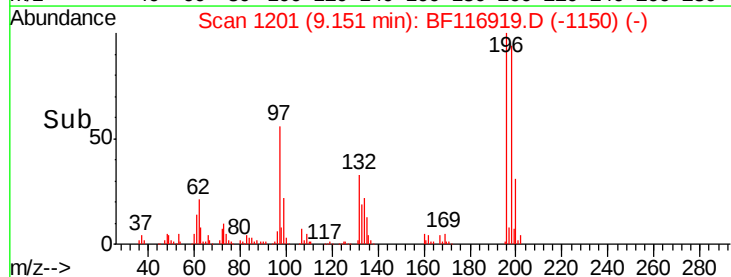
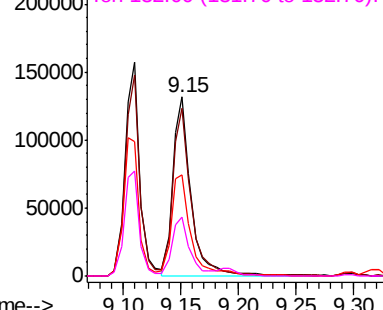
Abundance

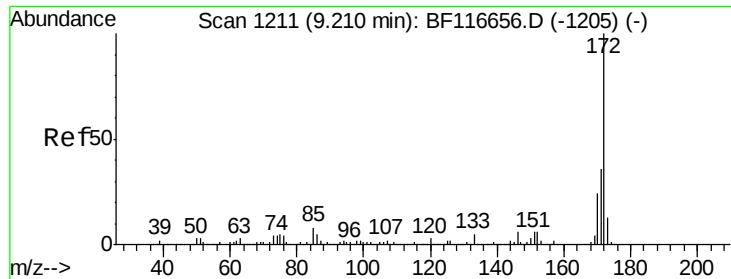
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

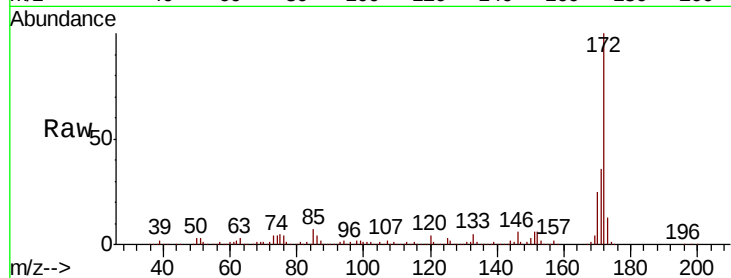




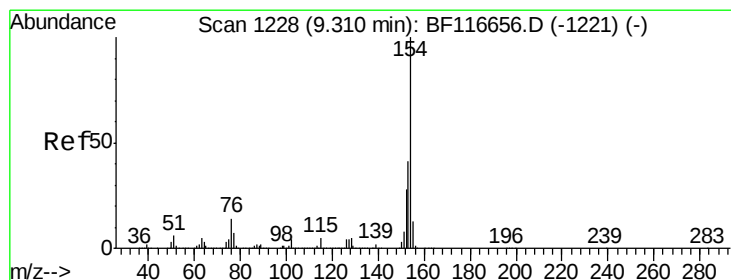
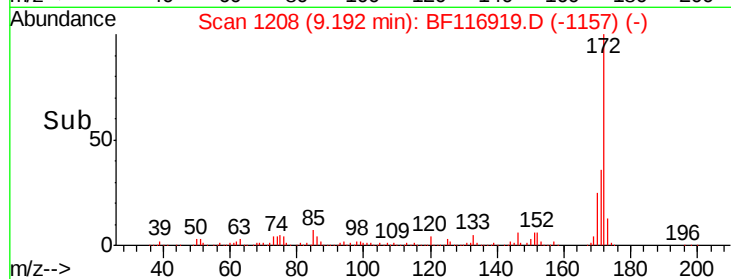
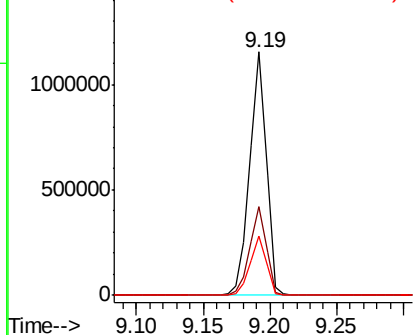
#45
 2-Fluorobiphenyl
 Concen: 91.060 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 988274
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.8 41.6
 170 24.5 18.9 28.3

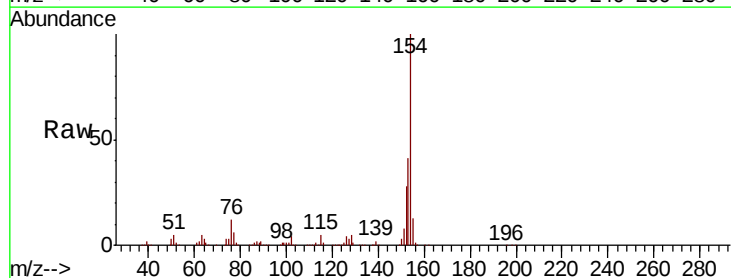


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

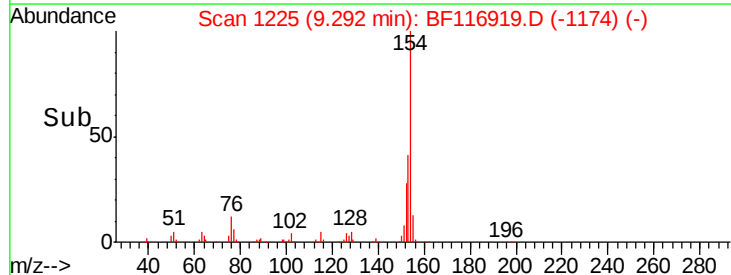
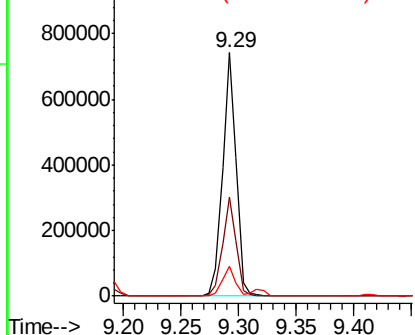


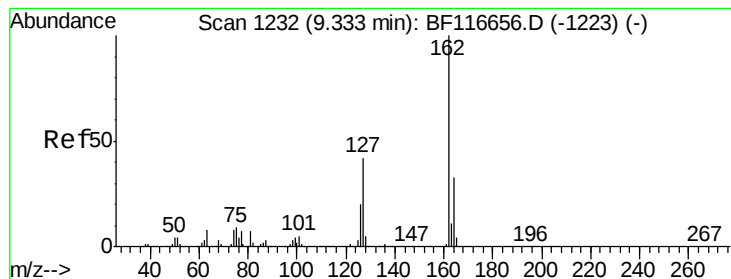
#46
 1,1'-Biphenyl
 Concen: 43.560 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:154 Resp: 605139
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 12.1 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: 44.036 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

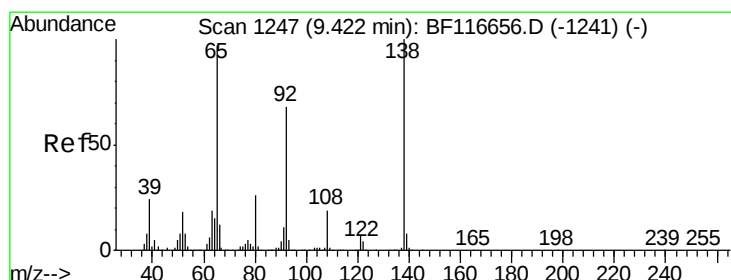
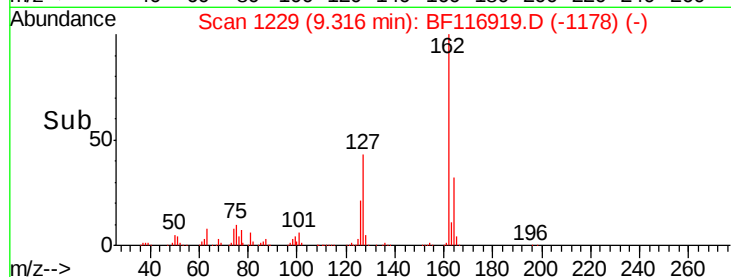
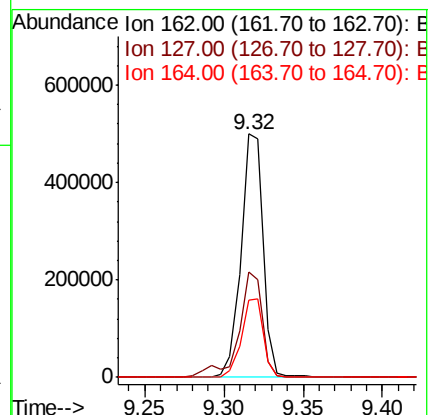
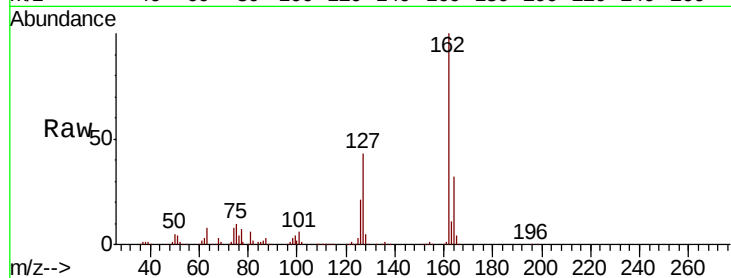
Tot Ion:162 Resp: 484532

Ion Ratio Lower Upper

162 100

127 43.1 33.4 50.2

164 31.9 26.6 39.8



#48

2-Nitroaniline

Concen: 49.432 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

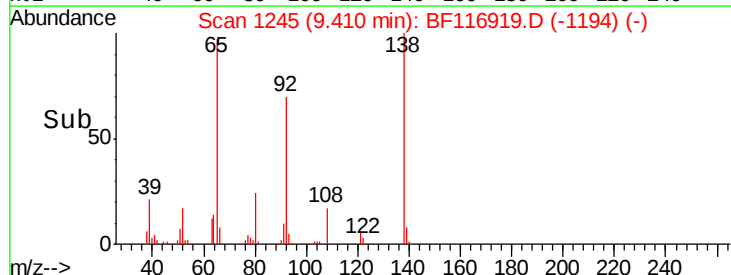
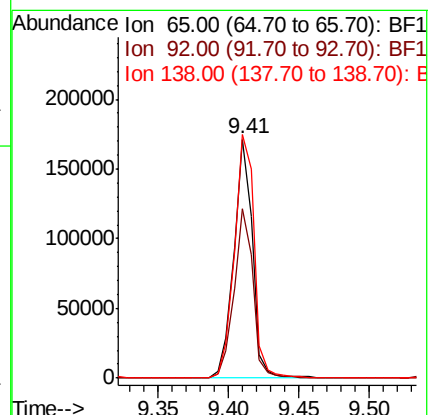
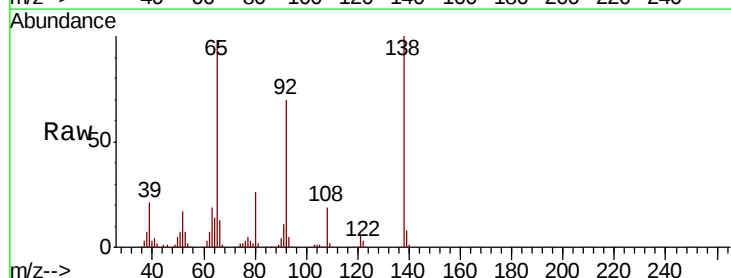
Tgt Ion: 65 Resp: 157246

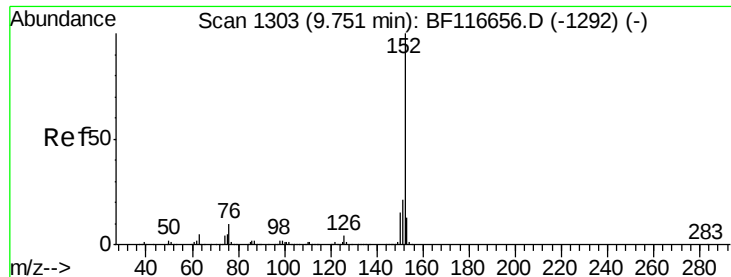
Ion Ratio Lower Upper

65 100

92 71.0 57.1 85.7

138 101.9 88.2 132.2





#49

Acenaphthylene

Concen: 42.967 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

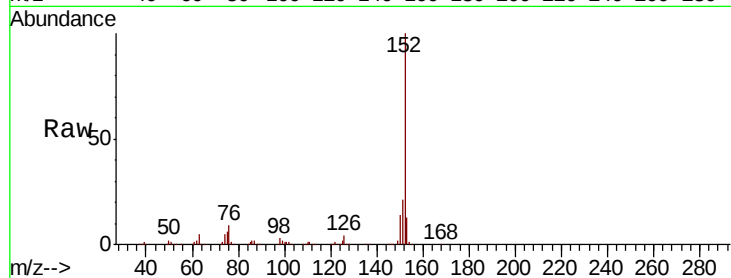
Tot Ion:152 Resp: 714668

Ion Ratio Lower Upper

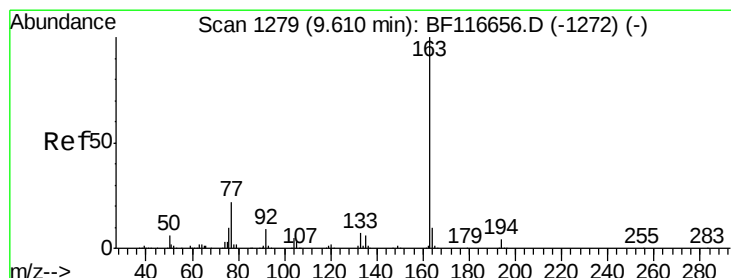
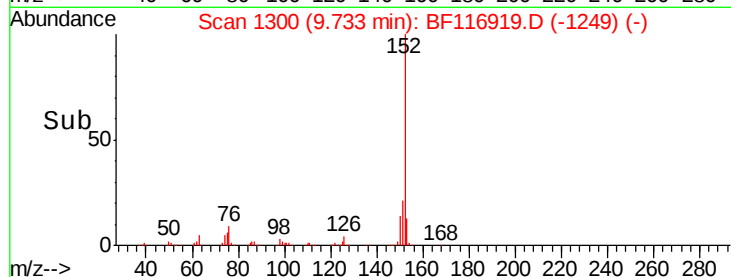
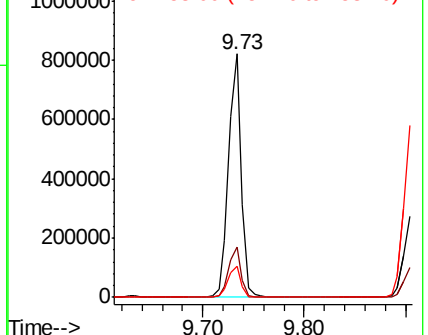
152 100

151 20.5 15.9 23.9

153 12.9 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: 43.877 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

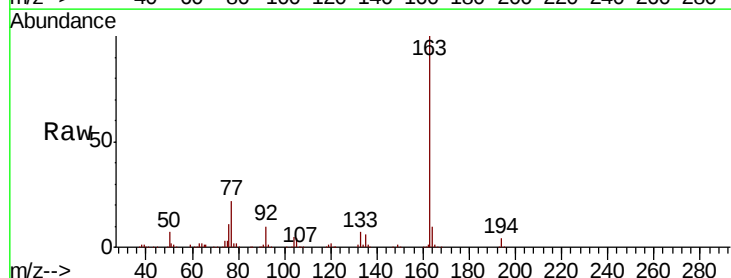
Tgt Ion:163 Resp: 554588

Ion Ratio Lower Upper

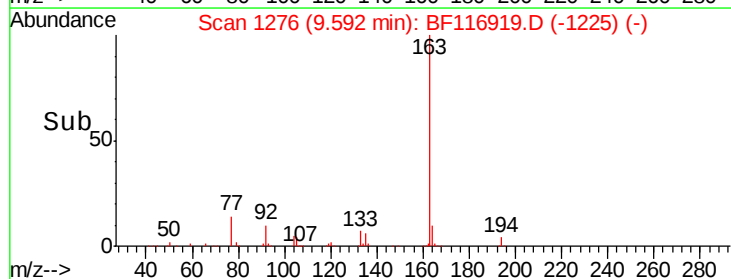
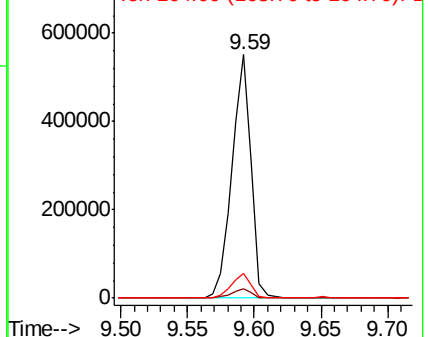
163 100

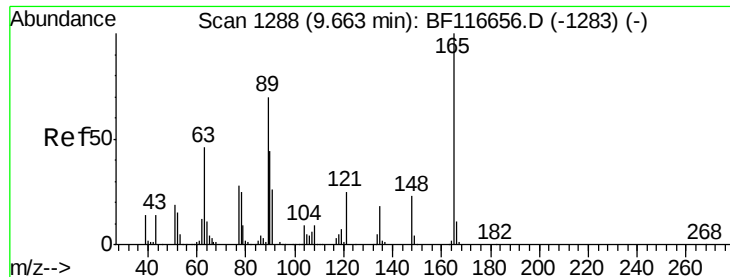
194 3.8 2.8 4.2

164 10.1 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

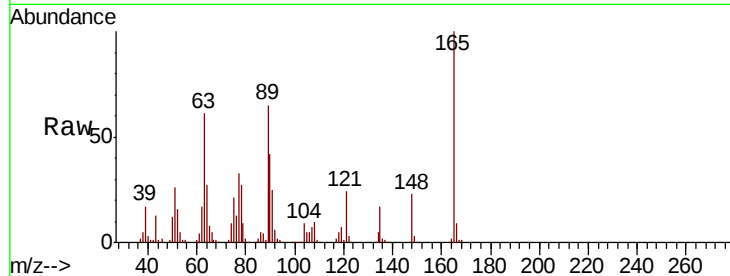




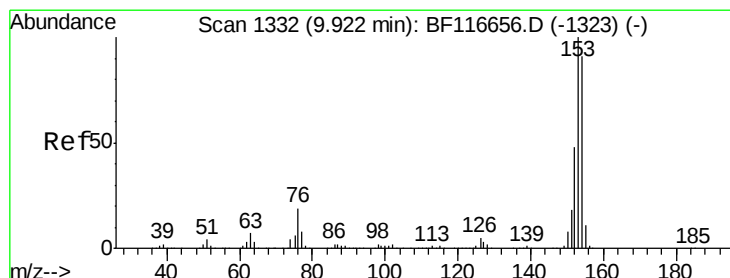
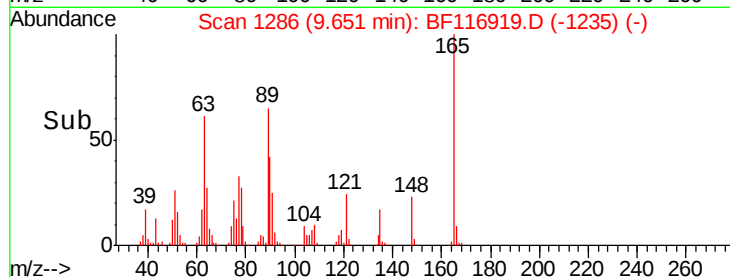
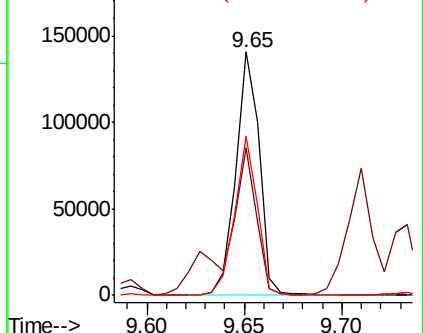
#51
2,6-Dinitrotoluene
Concen: 48.546 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 117073
Ion Ratio Lower Upper
165 100
63 60.5 47.3 70.9
89 65.3 52.5 78.7

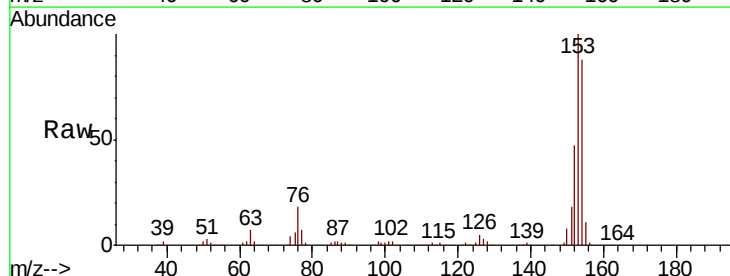


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

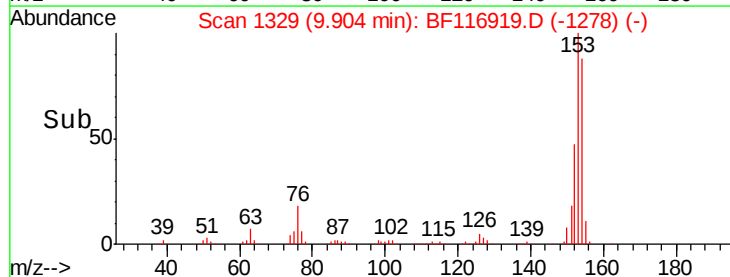
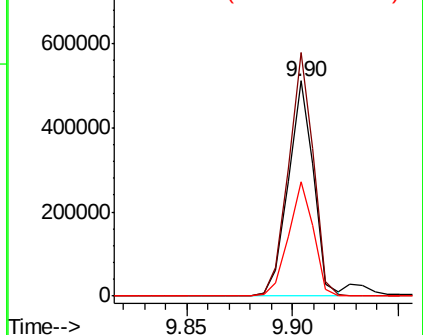


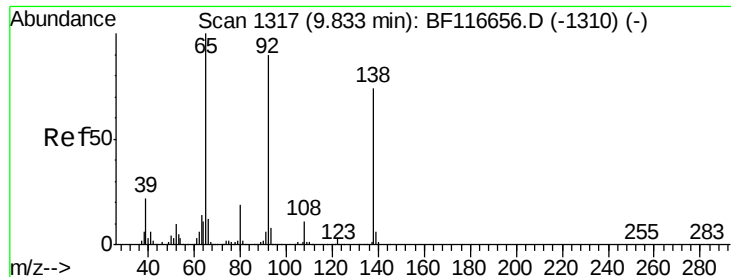
#52
Acenaphthene
Concen: 41.738 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:154 Resp: 426554
Ion Ratio Lower Upper
154 100
153 113.1 89.5 134.3
152 53.1 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

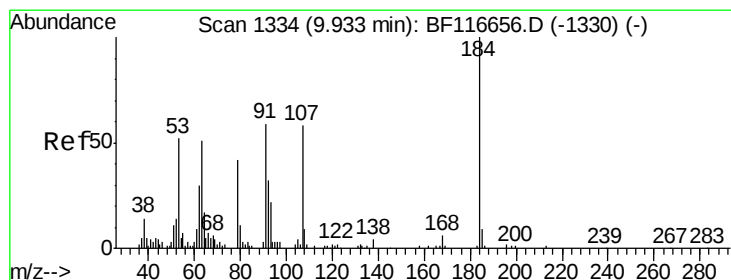
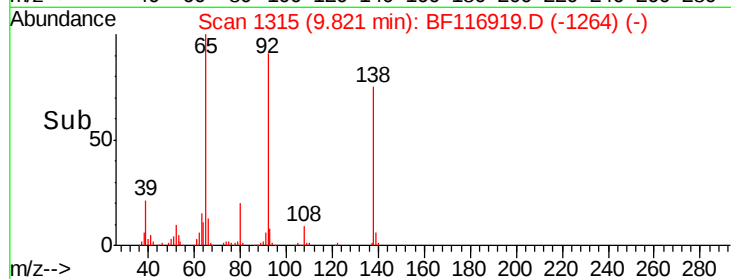
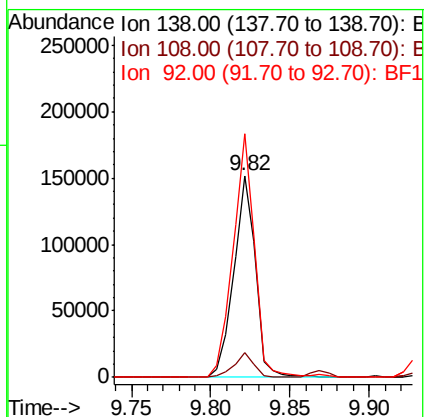
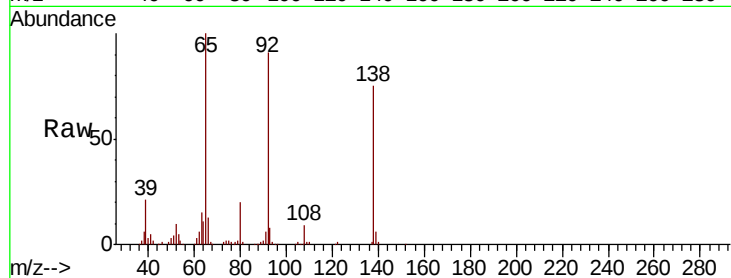




#53
3-Nitroaniline
Concen: 47.711 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

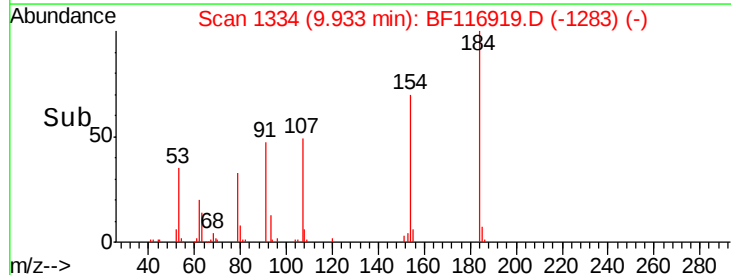
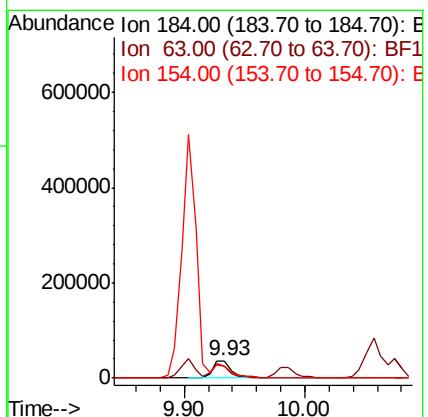
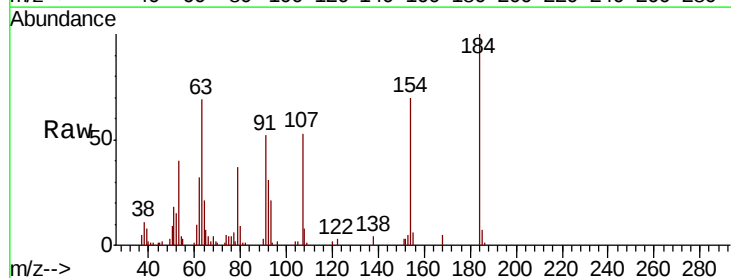
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

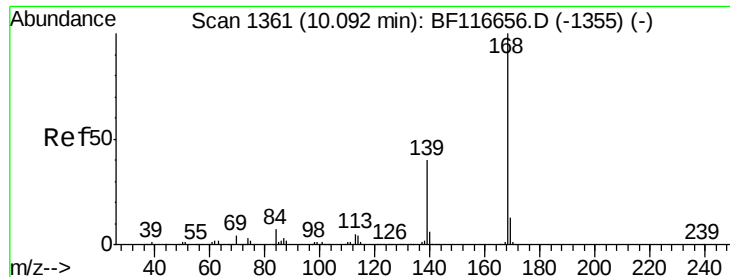
Tot Ion:138 Resp: 144191
Ion Ratio Lower Upper
138 100
108 12.0 8.5 12.7
92 120.7 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 53.602 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:184 Resp: 42989
Ion Ratio Lower Upper
184 100
63 69.1 52.2 78.2
154 70.0 60.8 91.2

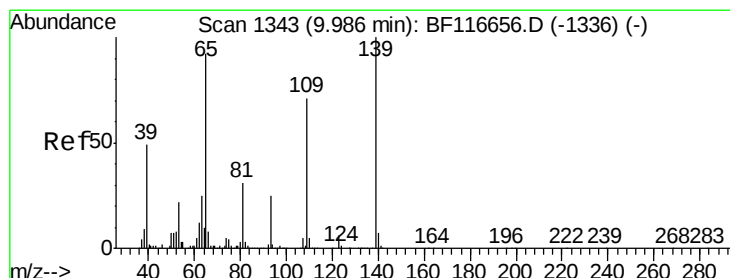
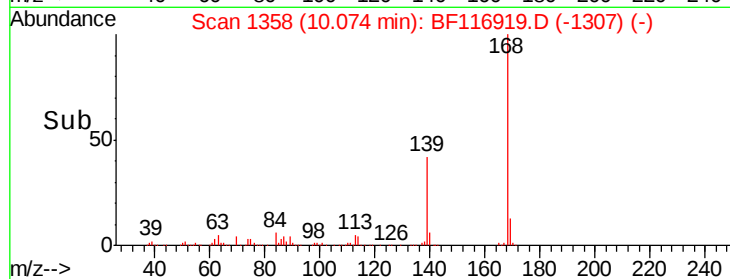
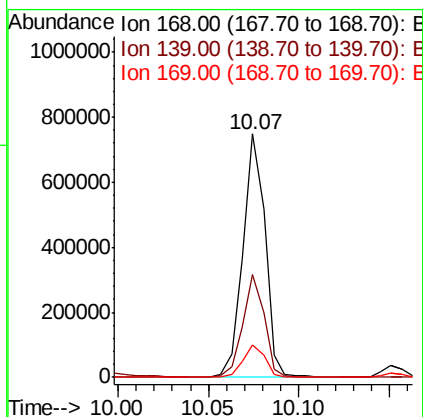
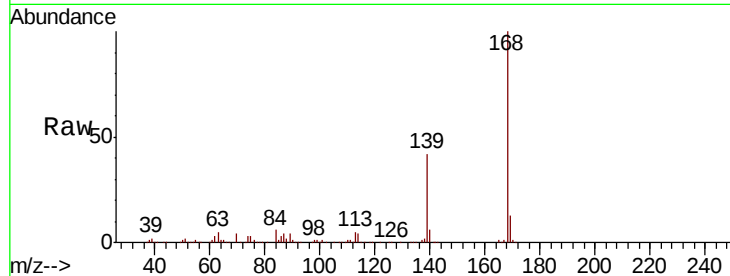




#55
Dibenzofuran
Concen: 44.145 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

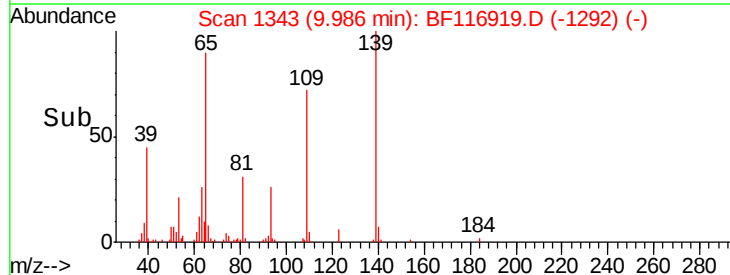
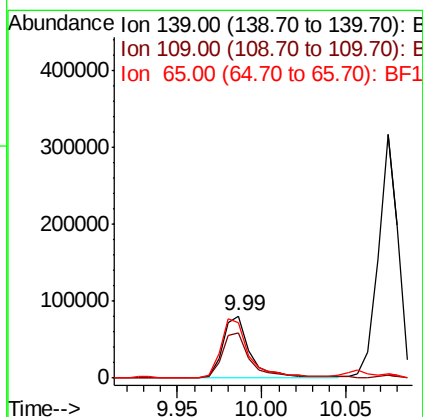
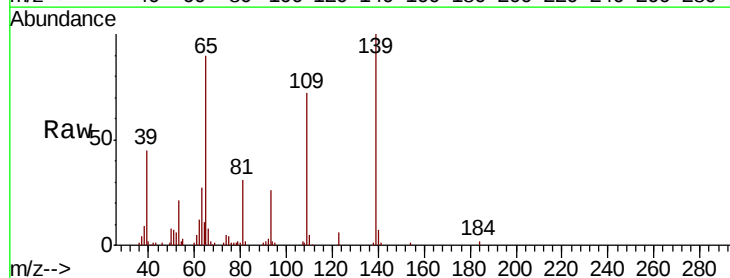
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

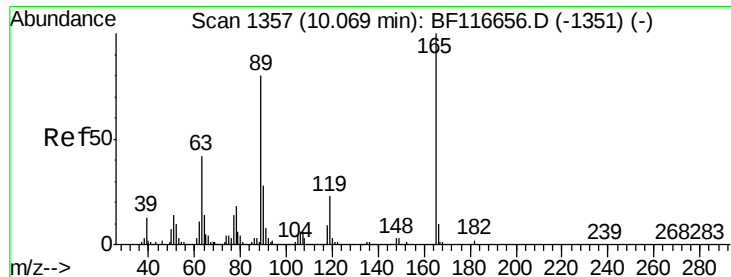
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.5	47.3
169	13.3	10.3	15.5



#56
4-Nitrophenol
Concen: 45.208 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.7	61.7	101.7
65	89.8	89.1	129.1

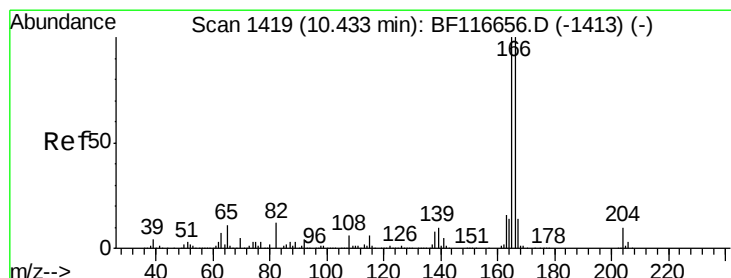
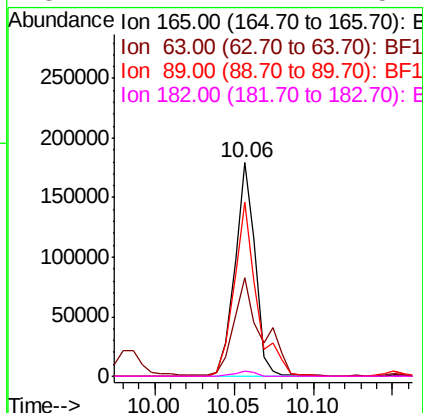
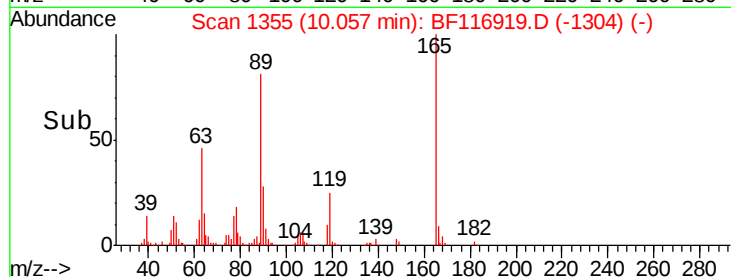
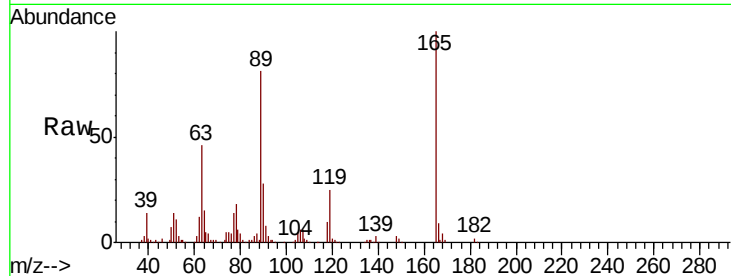




#57
2,4-Dinitrotoluene
Concen: 53.655 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

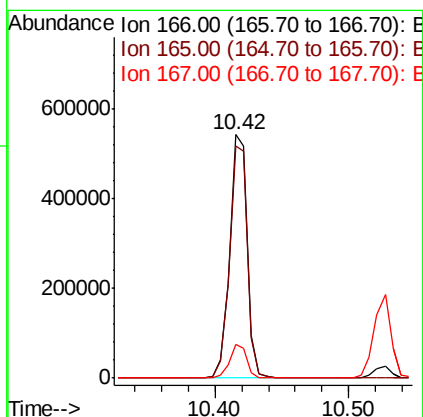
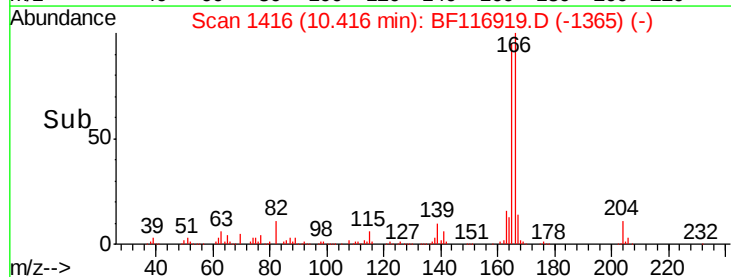
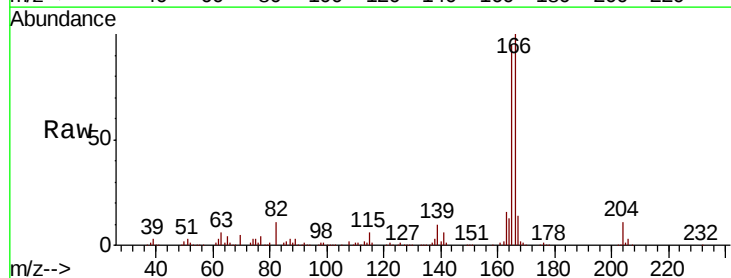
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

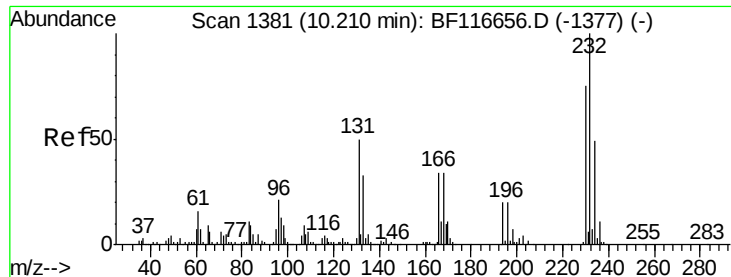
Tot Ion:165 Resp: 158217
Ion Ratio Lower Upper
165 100
63 46.4 36.4 54.6
89 81.4 62.6 94.0
182 2.2 2.1 3.1



#58
Fluorene
Concen: 45.911 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:166 Resp: 503991
Ion Ratio Lower Upper
166 100
165 95.4 78.8 118.2
167 13.8 10.0 15.0

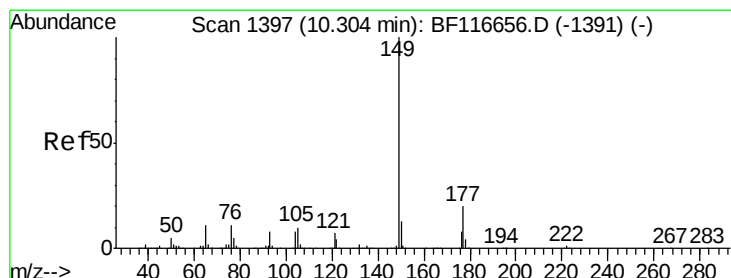
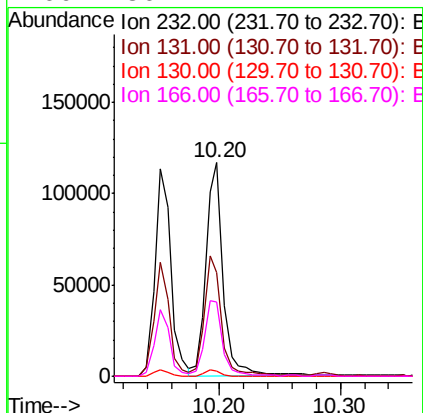
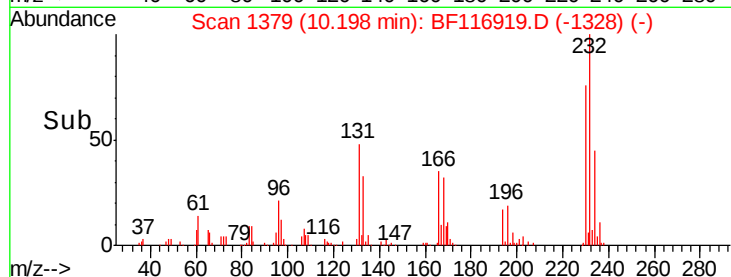
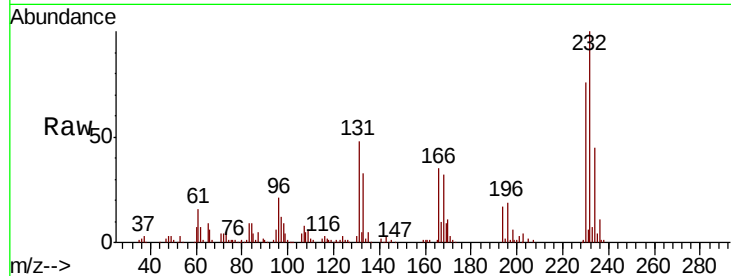




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.348 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

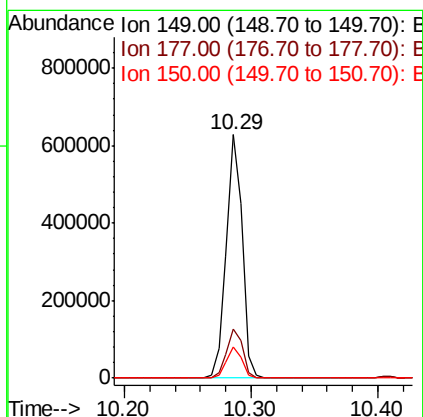
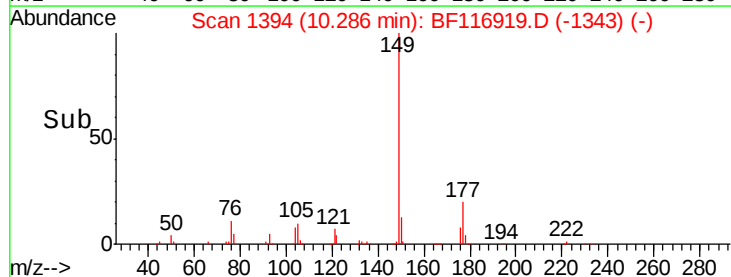
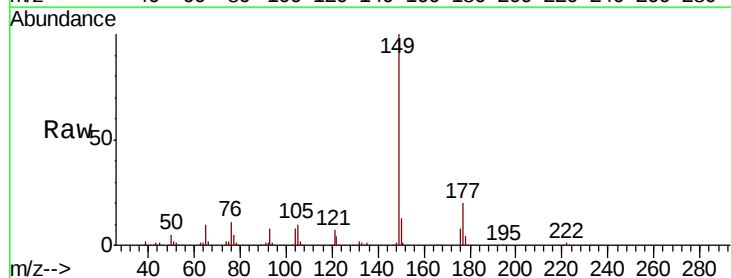
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

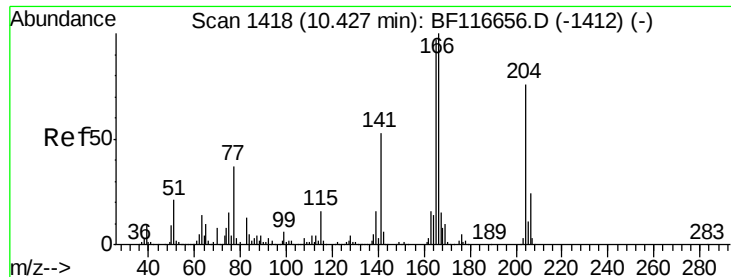
Tot Ion:232 Resp: 115745
Ion Ratio Lower Upper
232 100
131 56.8 42.7 64.1
130 2.7 1.9 2.9
166 36.4 27.4 41.2



#60
Diethylphthalate
Concen: 43.214 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 547141
Ion Ratio Lower Upper
149 100
177 20.3 17.2 25.8
150 12.8 9.7 14.5

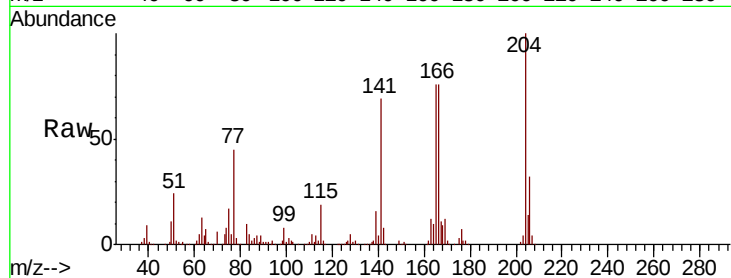




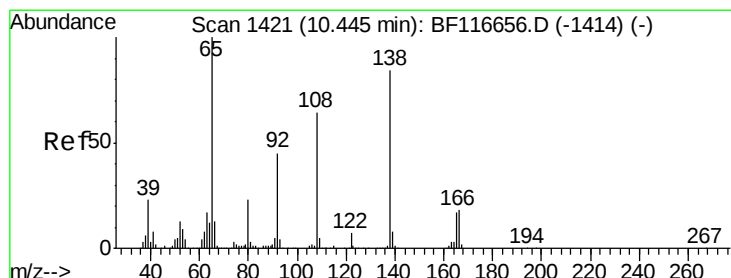
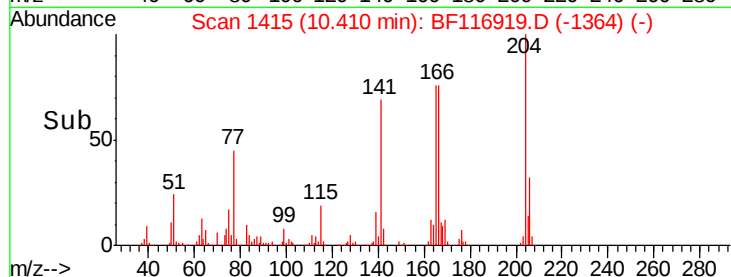
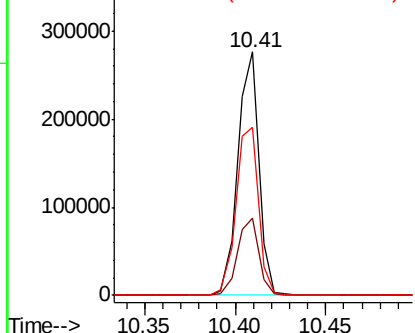
#61
4-Chlorophenyl-phenylether
Concen: 46.545 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 223744
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.2
141 68.8 53.8 80.8

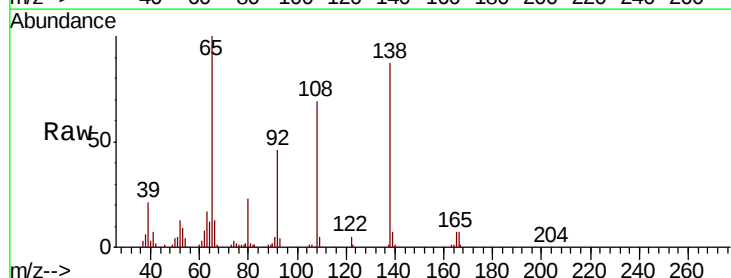


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

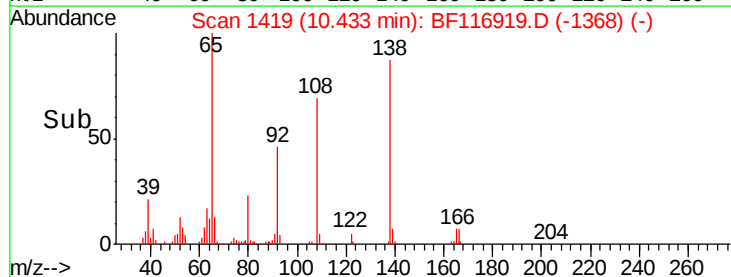
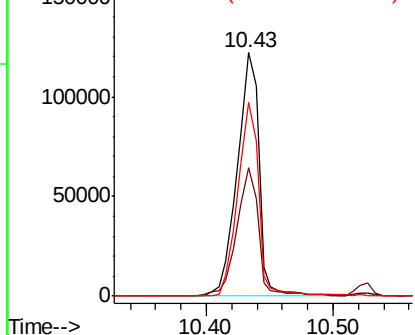


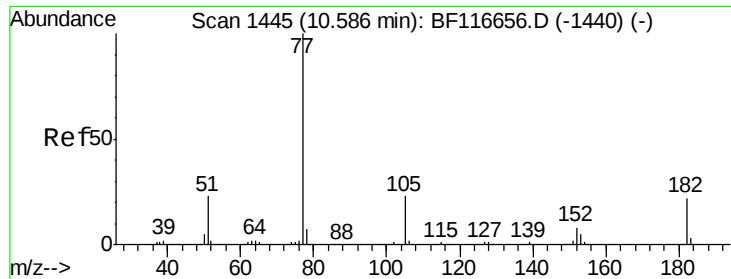
#62
4-Nitroaniline
Concen: 49.299 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:138 Resp: 144591
Ion Ratio Lower Upper
138 100
92 52.8 28.7 68.7
108 79.4 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

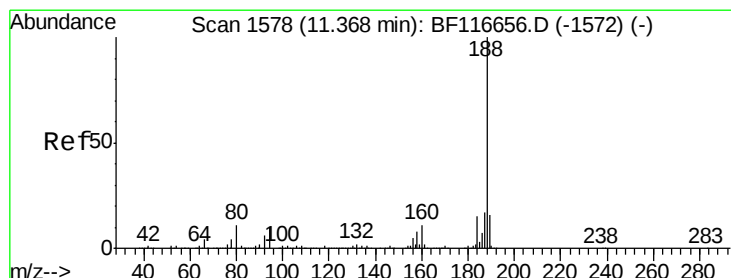
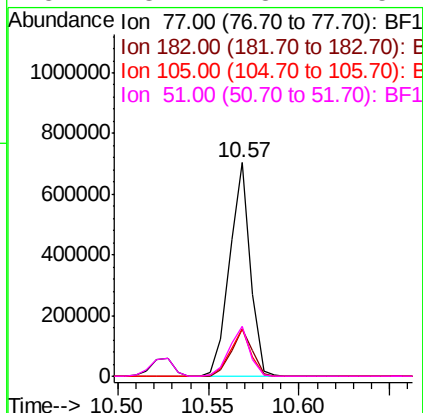
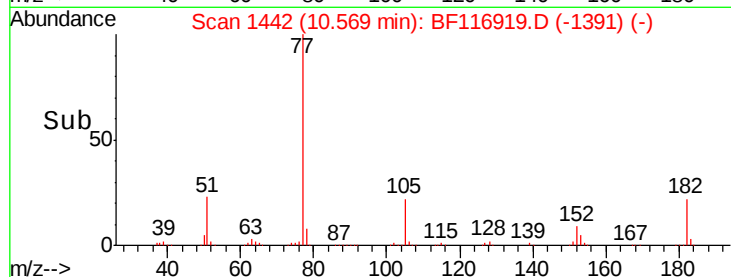
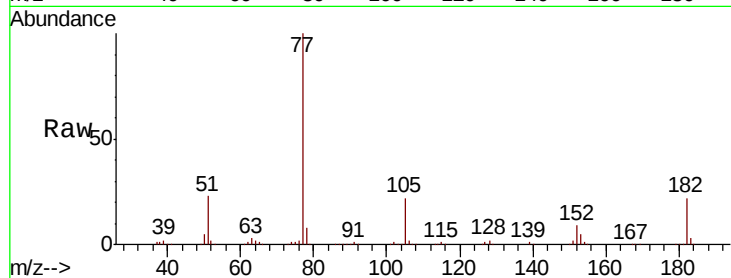




#63
Azobenzene
Concen: 42.434 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

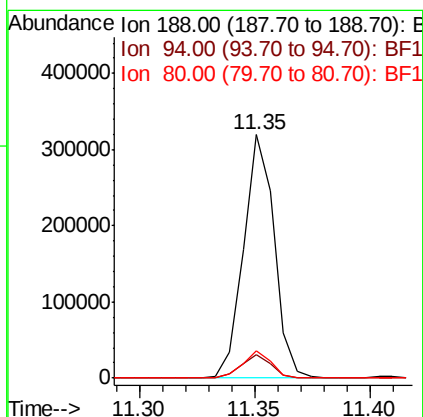
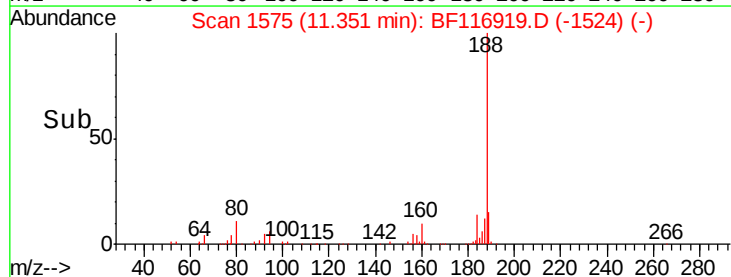
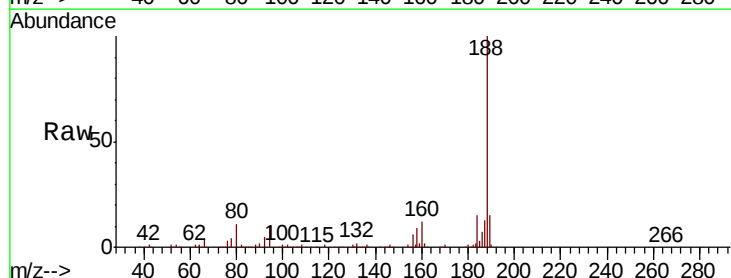
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

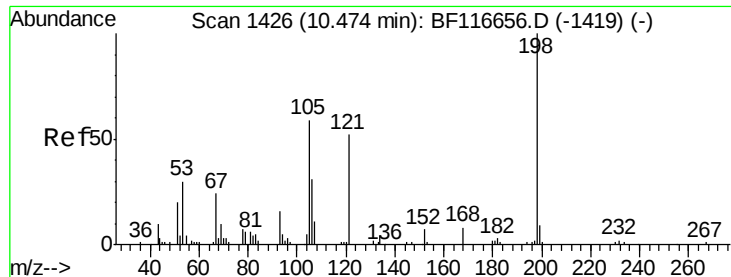
Tot Ion:	77	Resp:	560213
Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	22.3	0.6	40.6
51	23.2	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:	188	Resp:	297900
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.3	10.9
80	11.0	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 52.827 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

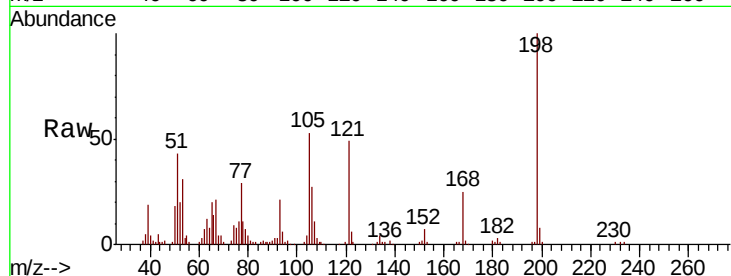
Tot Ion:198 Resp: 58932

Ion Ratio Lower Upper

198 100

51 43.2 18.4 58.4

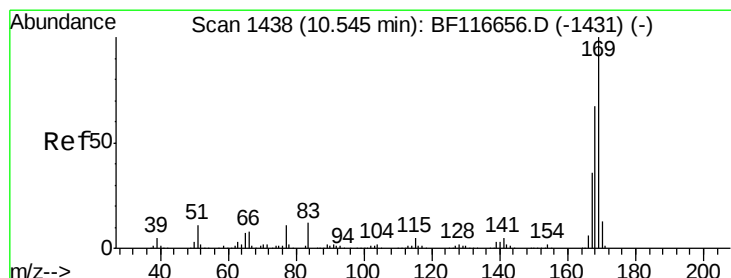
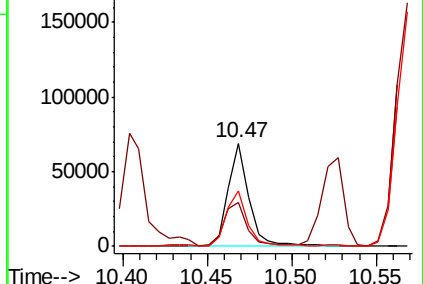
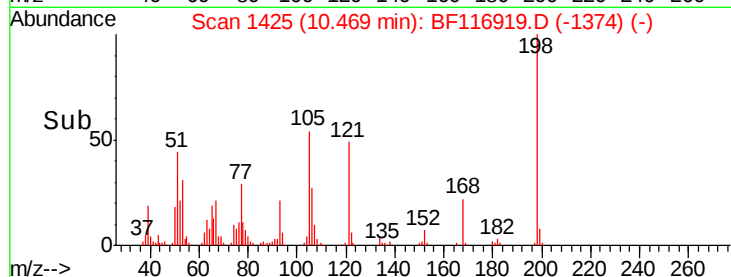
105 53.5 22.9 62.9



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: 42.439 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

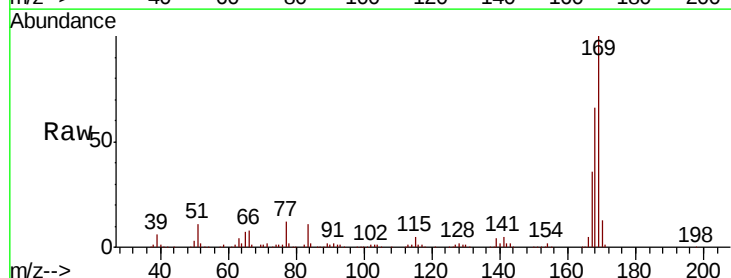
Tgt Ion:169 Resp: 437353

Ion Ratio Lower Upper

169 100

168 65.5 55.8 83.6

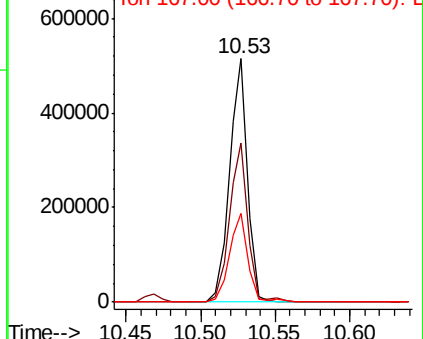
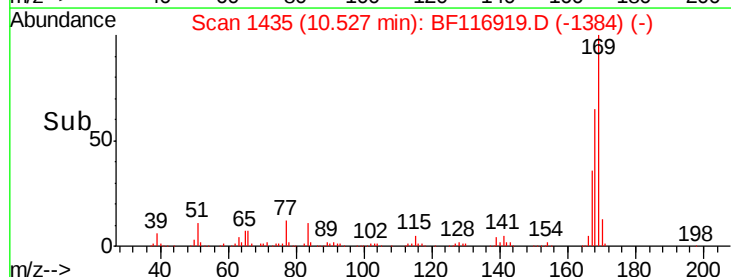
167 36.3 29.4 44.2

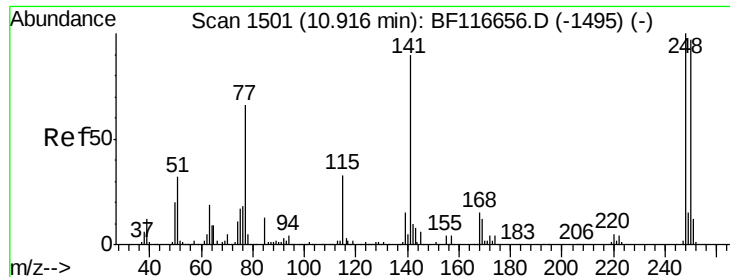


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

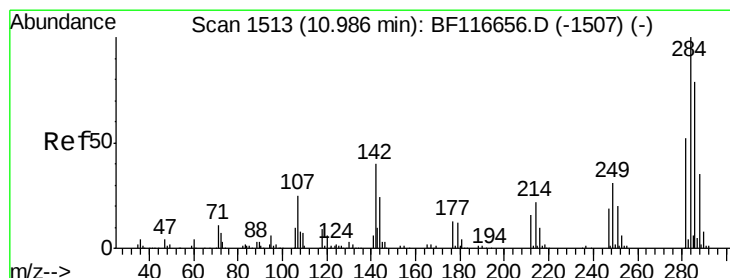
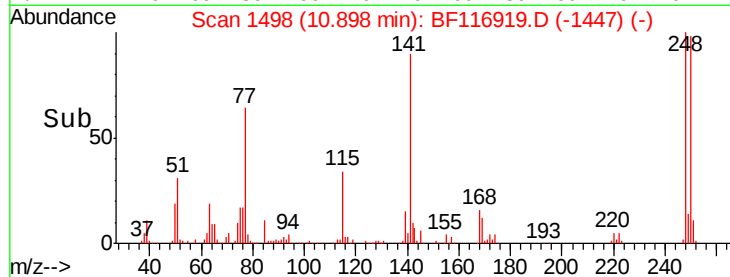
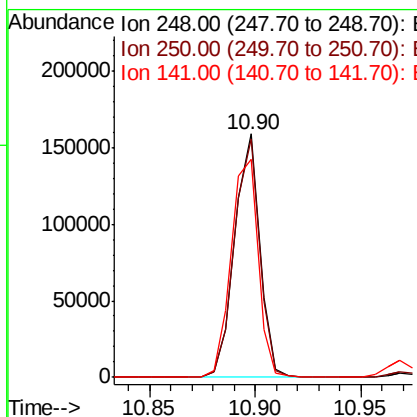
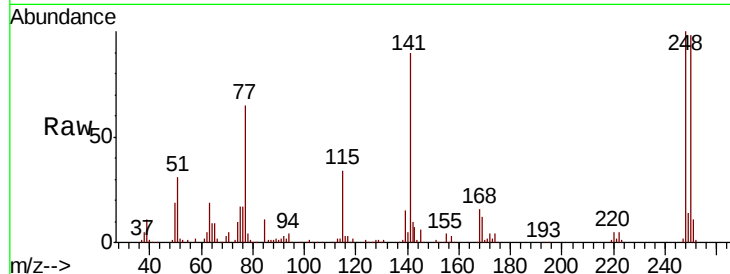




#67
 4-Bromophenyl-phenylether
 Concen: 43.190 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

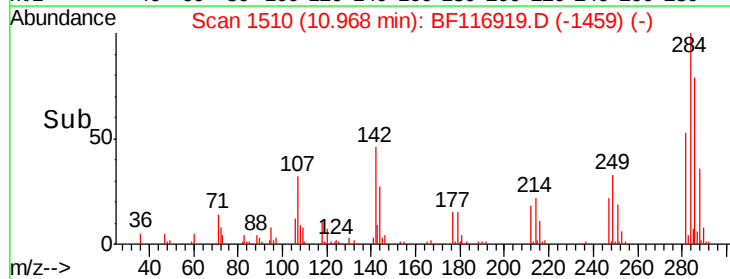
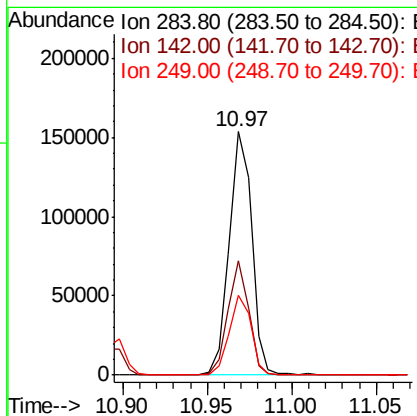
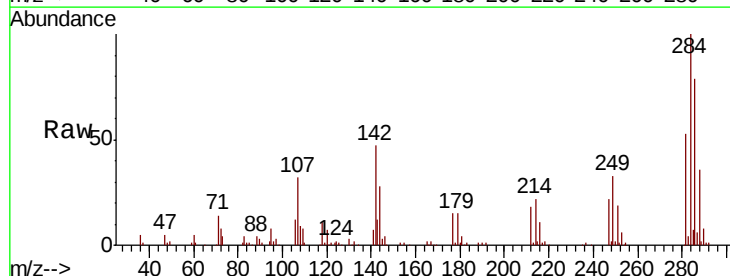
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

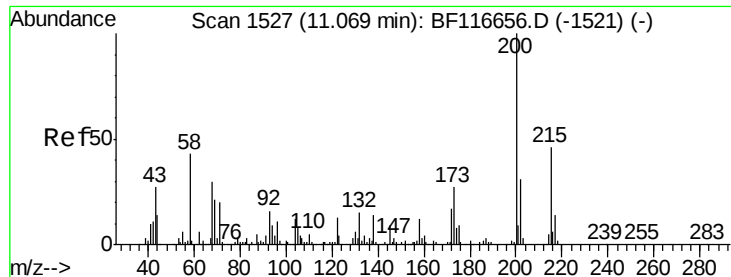
Tot Ion:248 Resp: 130703
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.8 116.8
 141 89.7 75.9 113.9



#68
 Hexachlorobenzene
 Concen: 45.051 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:284 Resp: 142643
 Ion Ratio Lower Upper
 284 100
 142 46.9 34.0 51.0
 249 33.0 26.4 39.6





#69

Atrazine

Concen: 41.743 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

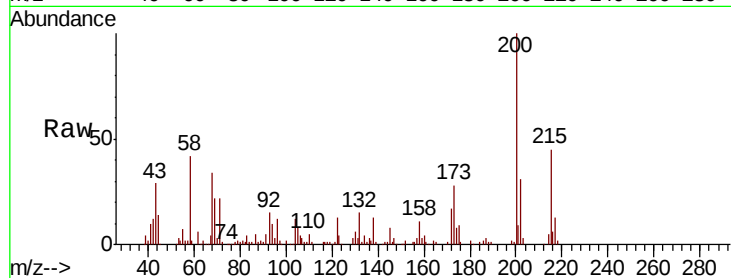
Tot Ion:200 Resp: 120481

Ion Ratio Lower Upper

200 100

173 28.2 6.2 46.2

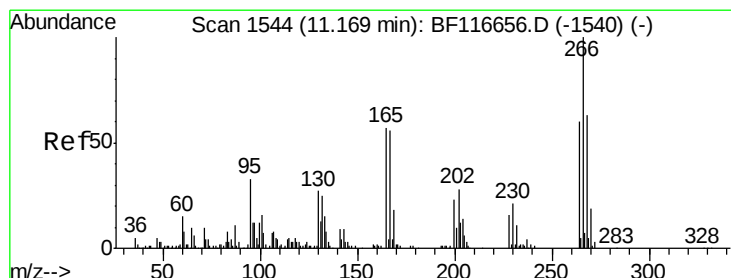
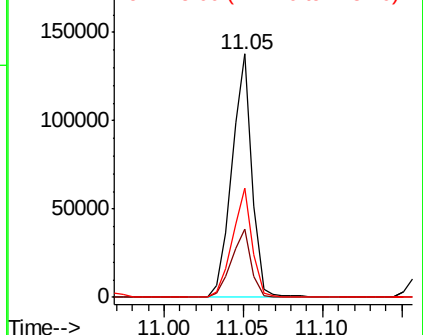
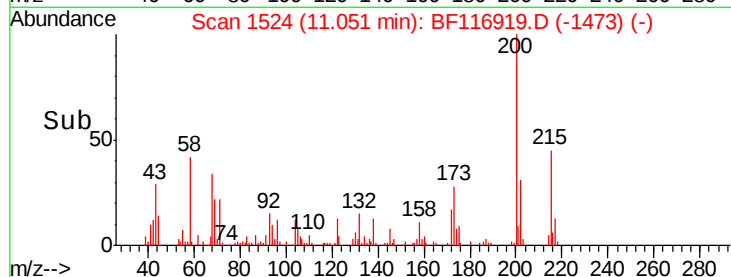
215 44.9 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.578 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

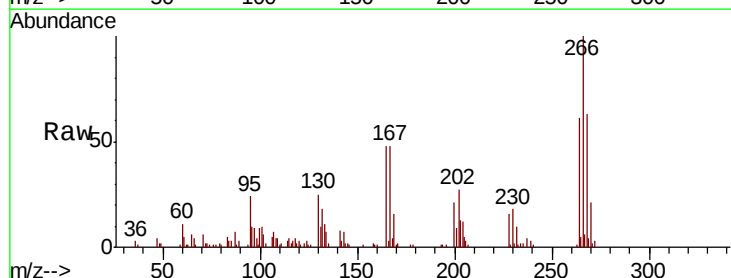
Tgt Ion:266 Resp: 69811

Ion Ratio Lower Upper

266 100

268 62.7 51.2 76.8

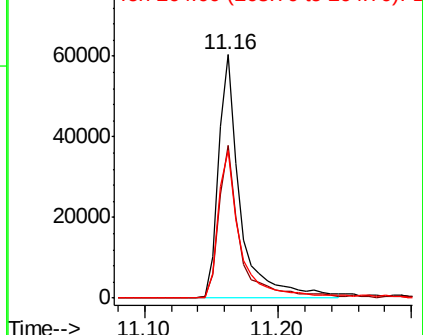
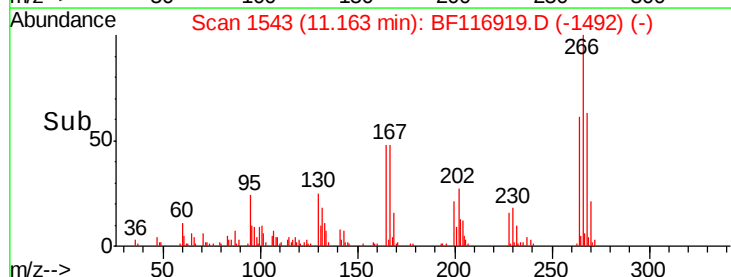
264 60.9 51.9 77.9

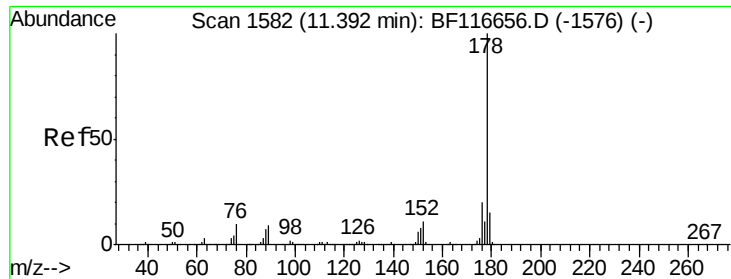


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

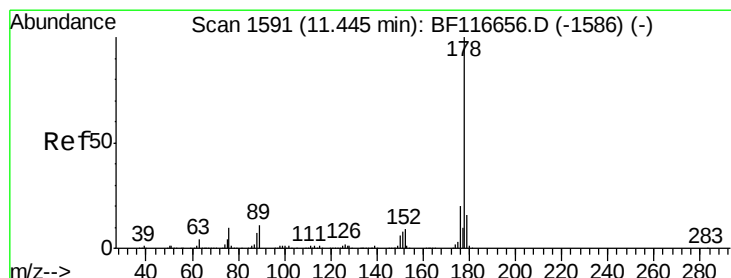
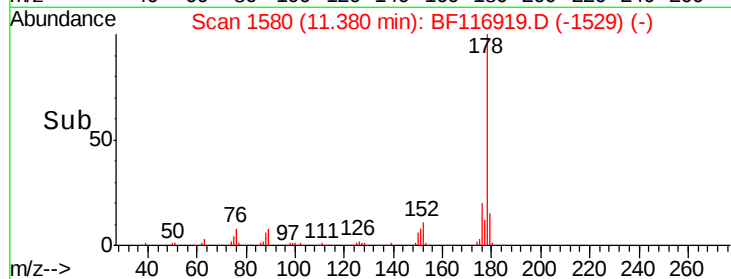
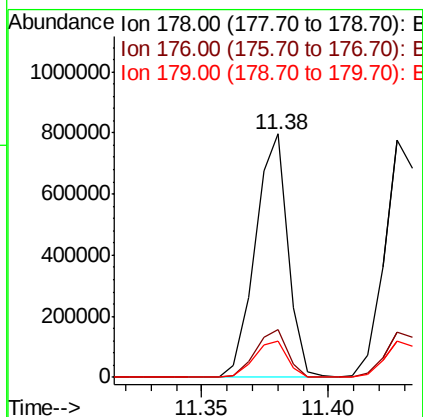
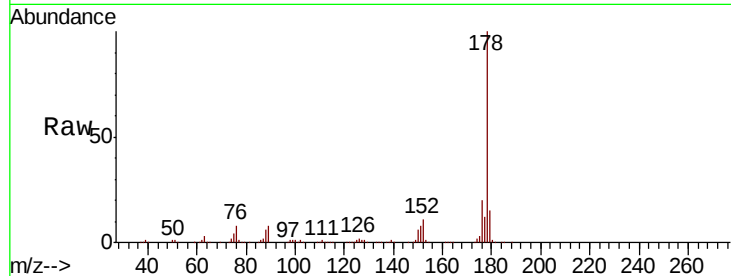




#71
Phenanthrene
Concen: 43.131 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

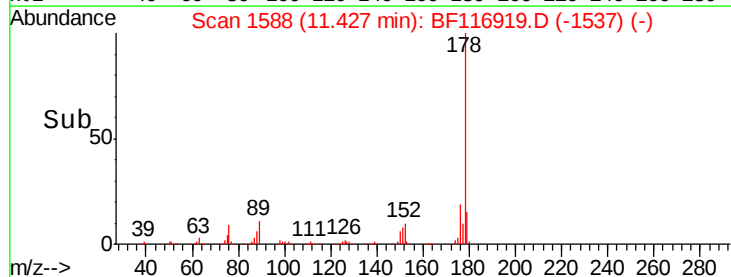
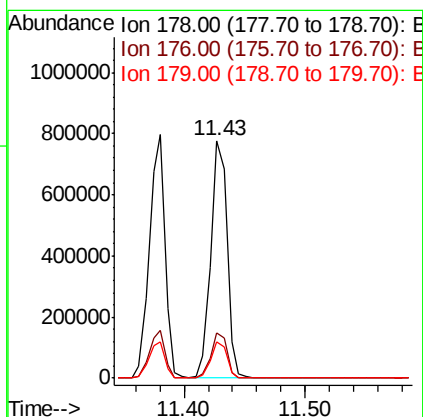
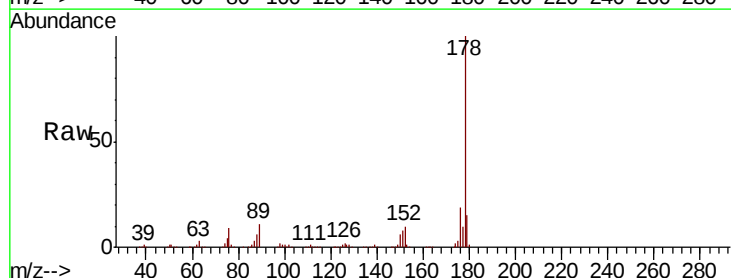
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

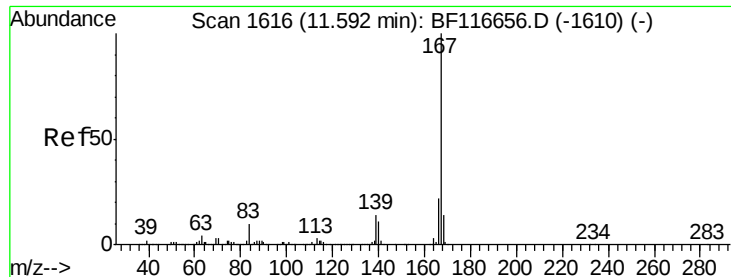
Tot Ion:178 Resp: 715241
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 43.467 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:178 Resp: 725603
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.5 18.7

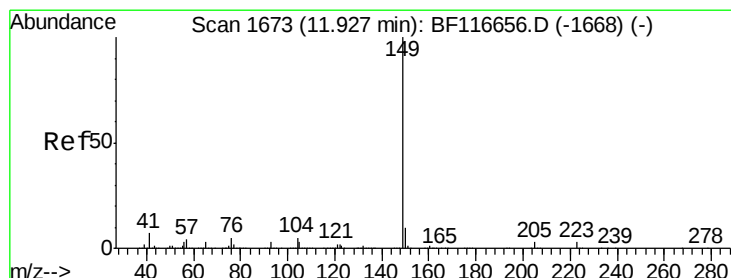
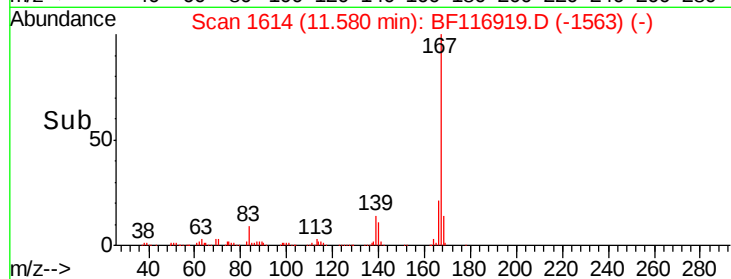
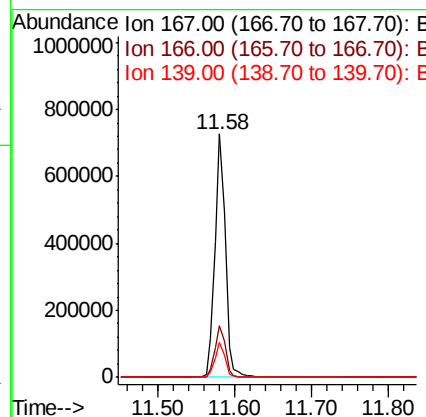
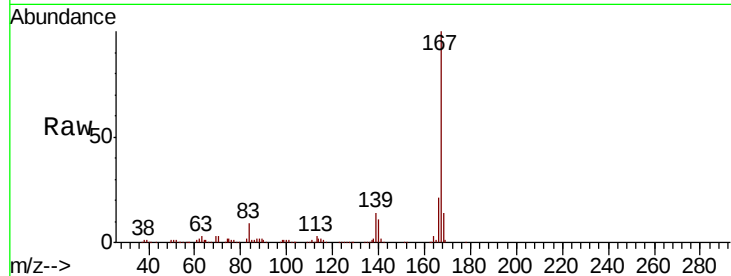




#73
 Carbazole
 Concen: 42.671 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

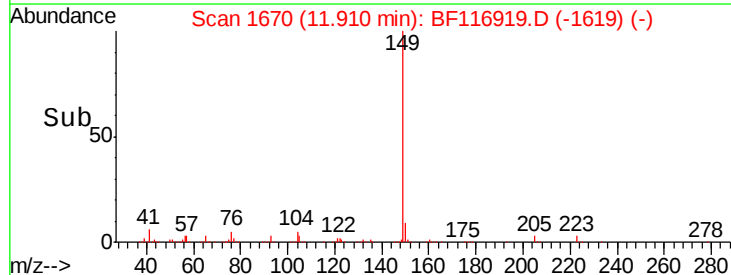
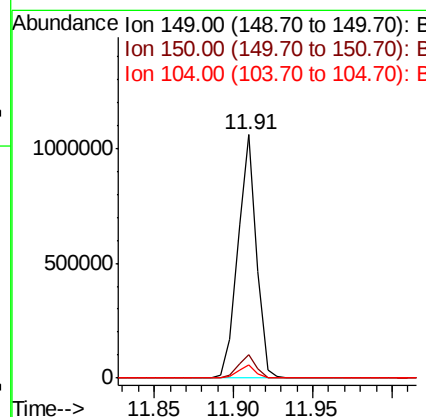
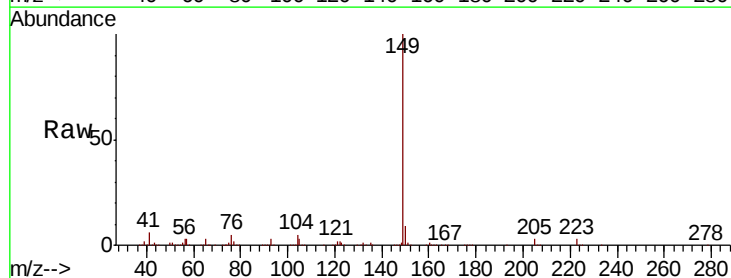
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

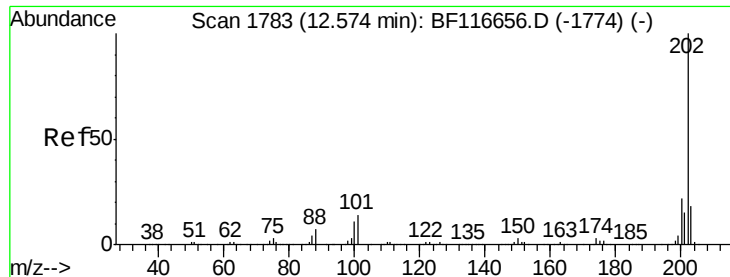
Tot Ion:167 Resp: 678521
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 14.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.967 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 855491
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.3 4.2 6.2

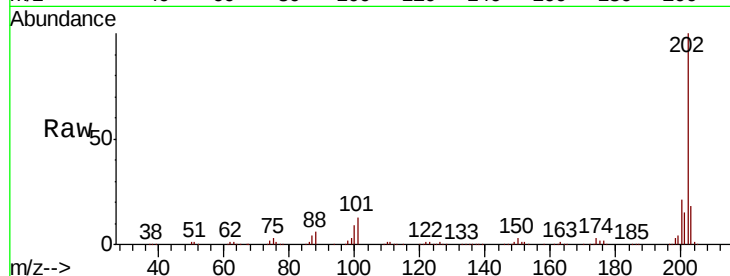




#75
Fluoranthene
Concen: 44.029 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.3
203	17.6	0.0	37.6

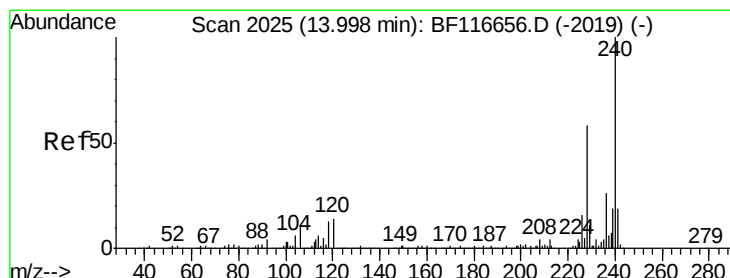
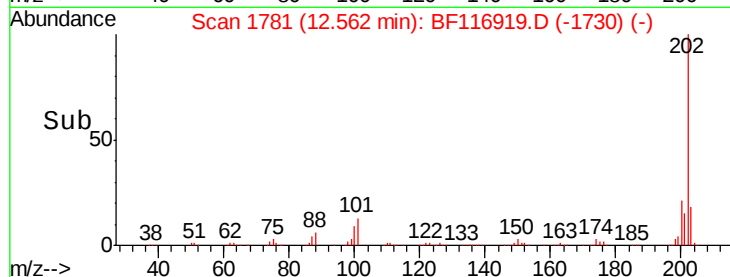
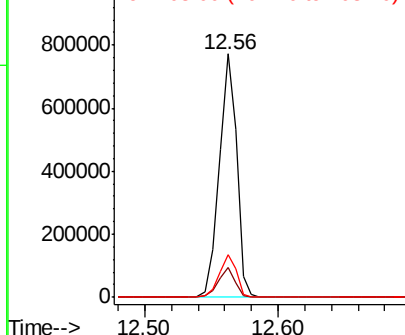


Abundance

Ion 202.00 (201.70 to 202.70): E

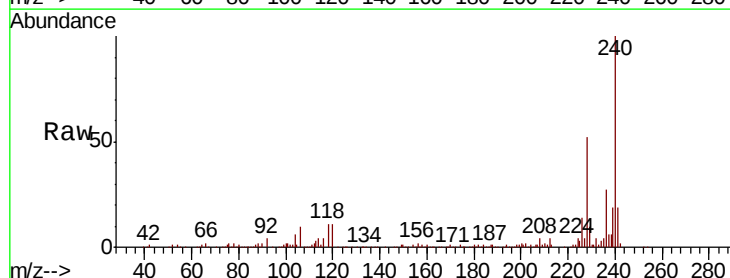
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	26.5	21.1	31.7

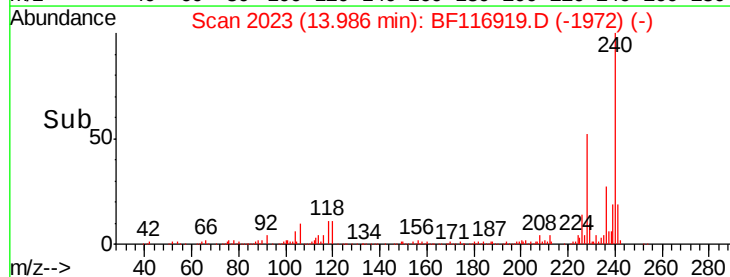
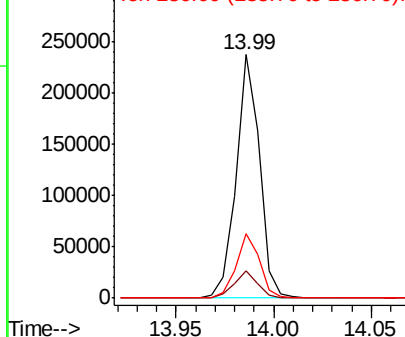


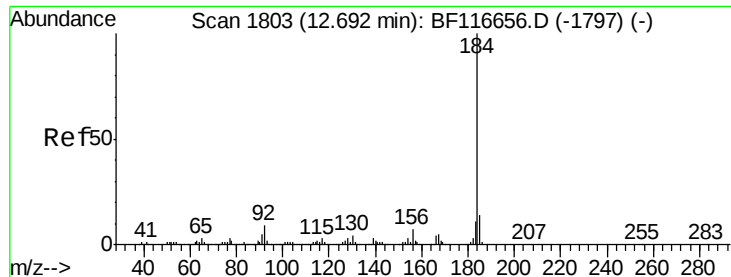
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.212 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

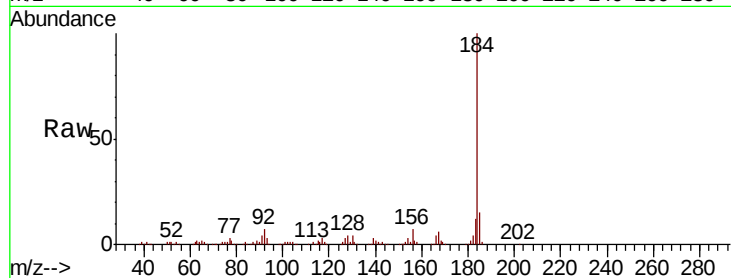
Tot Ion:184 Resp: 271833

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

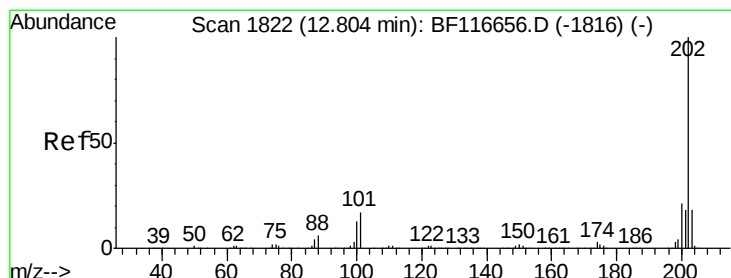
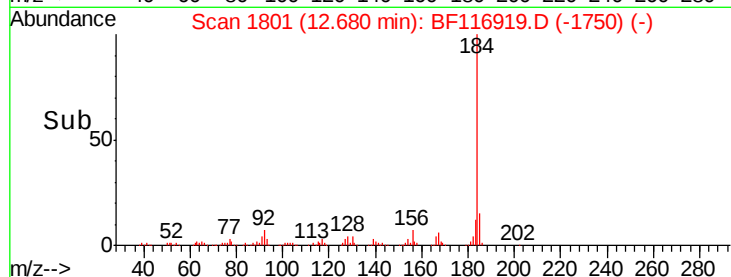
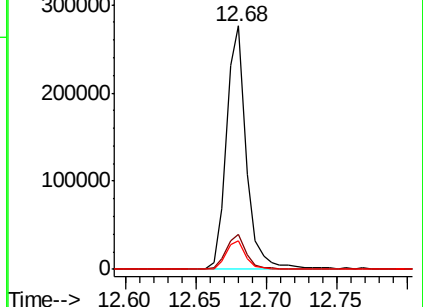
183 11.7 9.2 13.8



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: 40.543 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

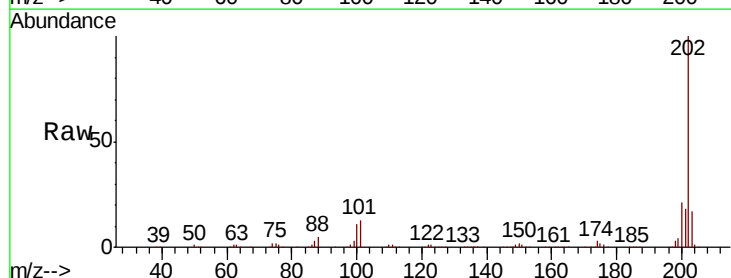
Tgt Ion:202 Resp: 709352

Ion Ratio Lower Upper

202 100

200 21.3 16.5 24.7

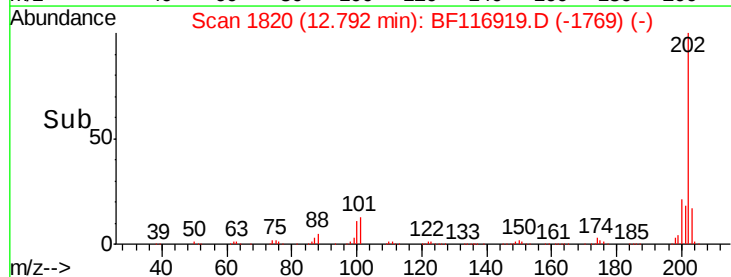
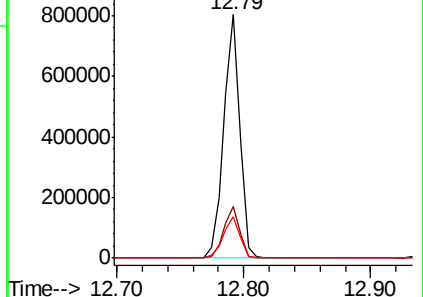
203 16.9 13.7 20.5

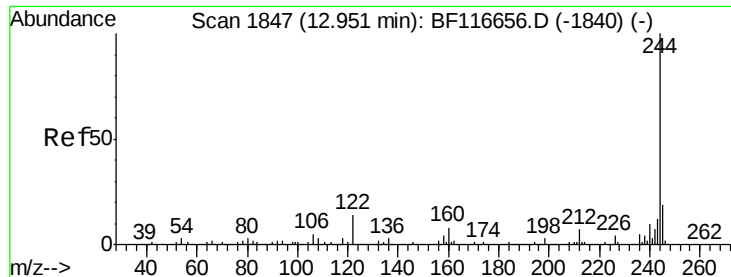


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

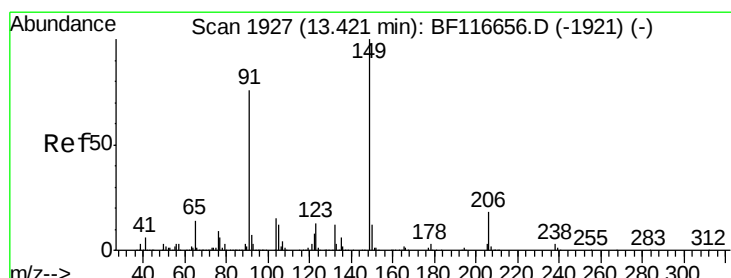
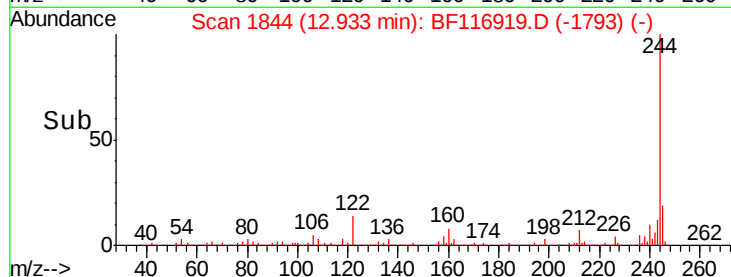
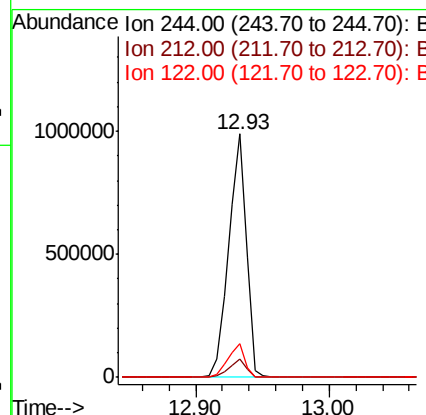
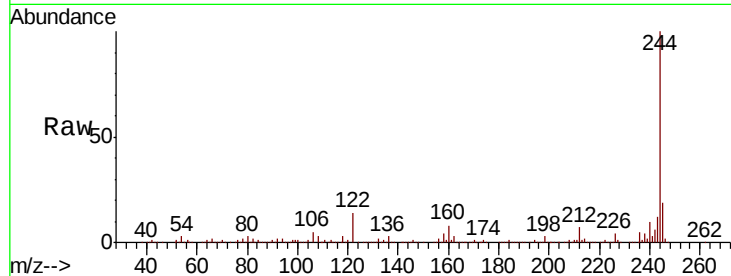




#79
 Terphenyl-d14
 Concen: 87.512 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

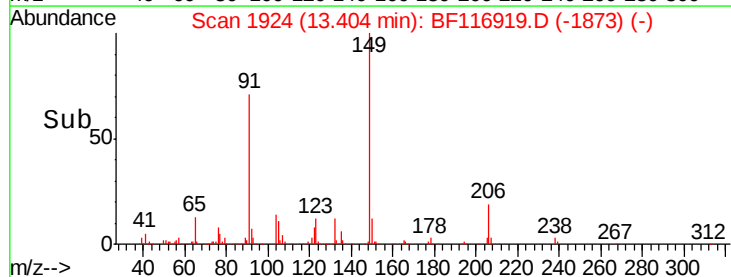
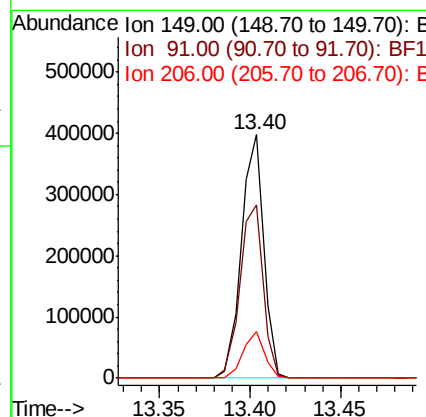
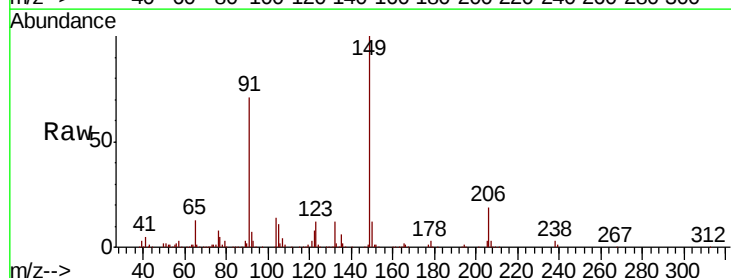
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

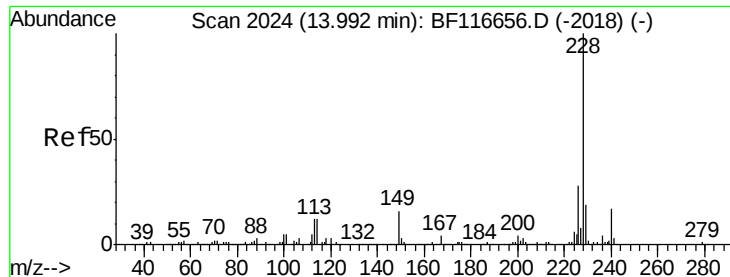
Tot Ion:244 Resp: 931068
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.7 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 40.076 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 340979
 Ion Ratio Lower Upper
 149 100
 91 71.0 61.0 91.4
 206 19.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 43.790 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

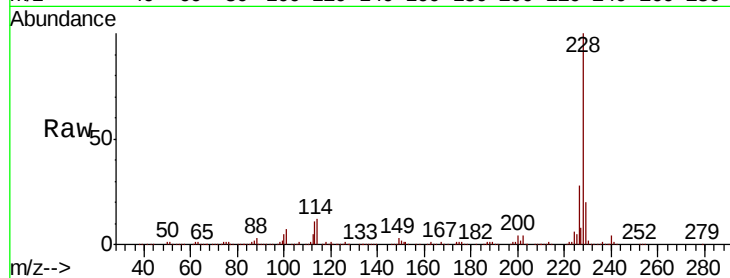
Tot Ion:228 Resp: 545478

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 19.6 16.4 24.6

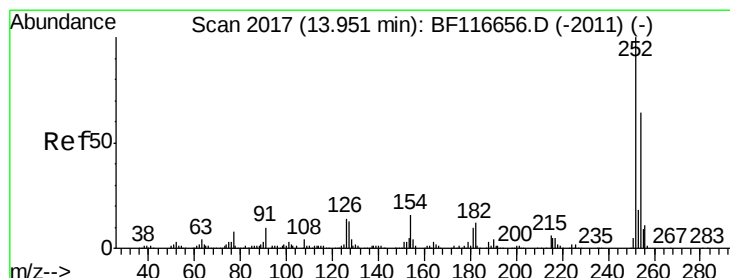
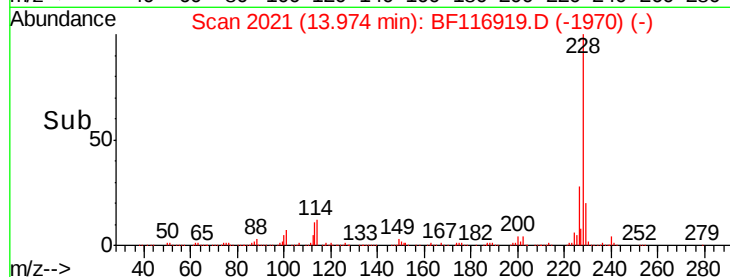
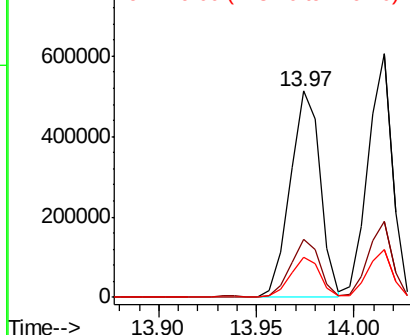


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.573 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF116919.D

Acq: 10 Sep 2019 14:16

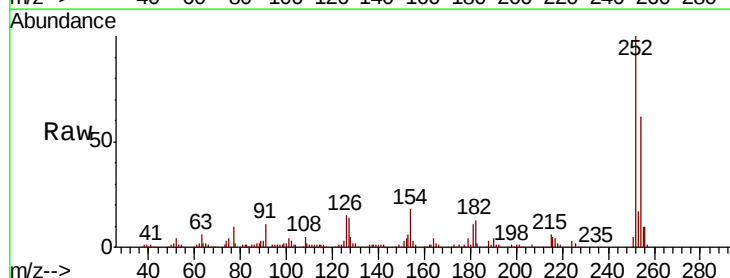
Tgt Ion:252 Resp: 175011

Ion Ratio Lower Upper

252 100

254 62.5 50.1 75.1

126 15.0 10.6 16.0

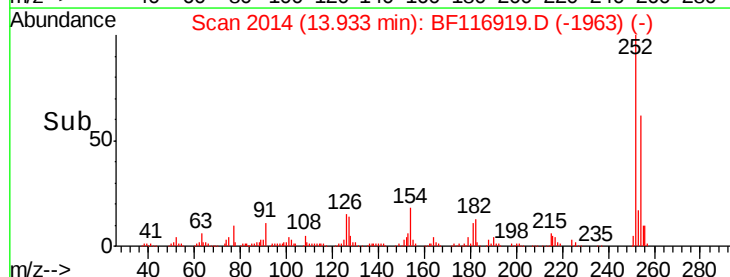
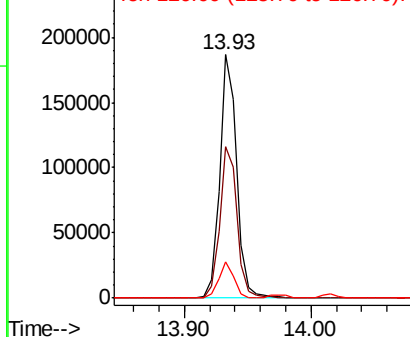


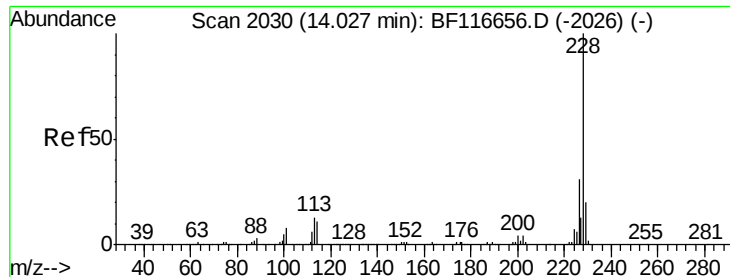
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

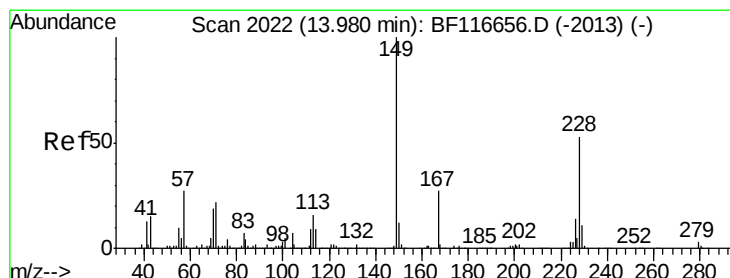
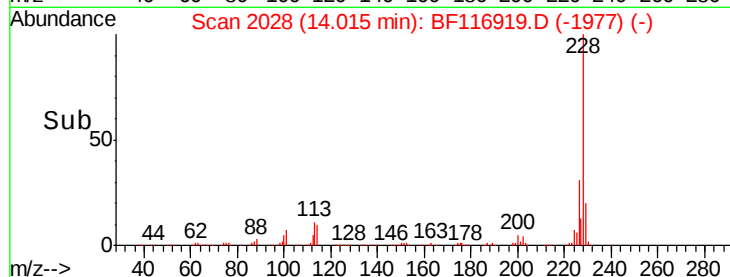
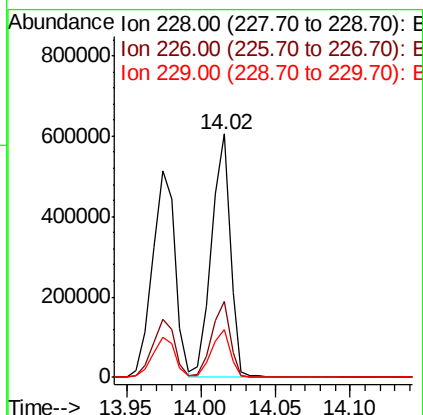
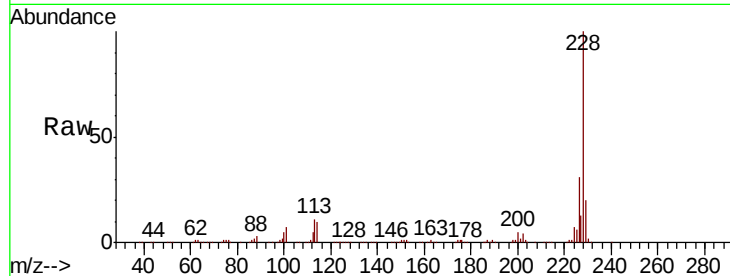




#83
 Chrysene
 Concen: 41.272 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

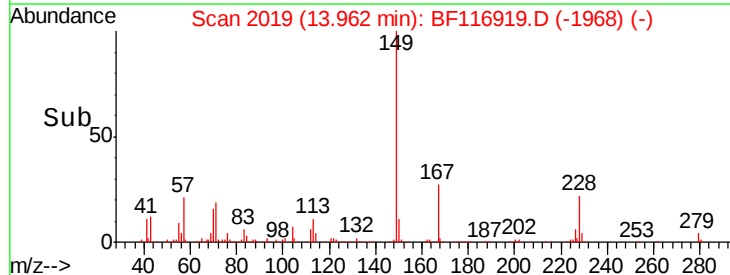
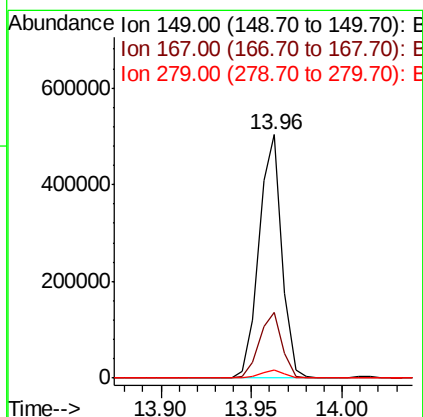
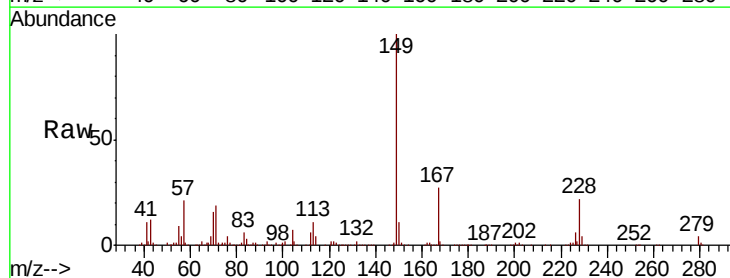
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

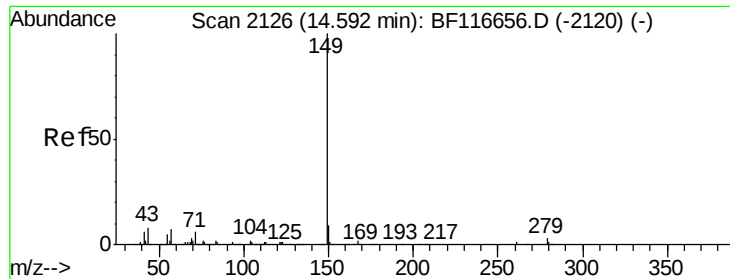
Tot Ion:228 Resp: 529672
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.0 36.0
 229 19.7 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.925 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116919.D
 Acq: 10 Sep 2019 14:16

Tgt Ion:149 Resp: 440329
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.5 2.8 4.2

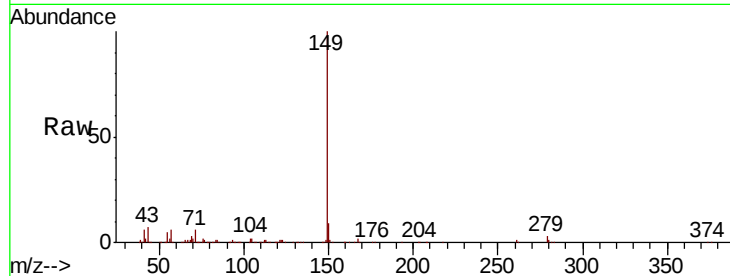




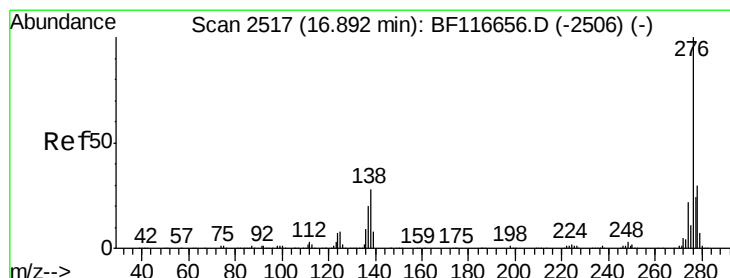
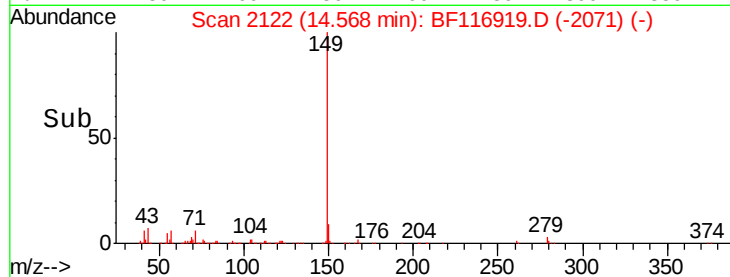
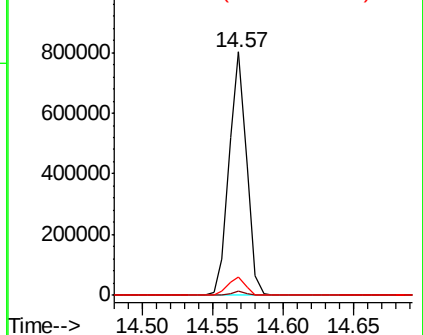
#85
Di-n-octyl phthalate
Concen: 40.053 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 688424
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.9 7.8 11.8

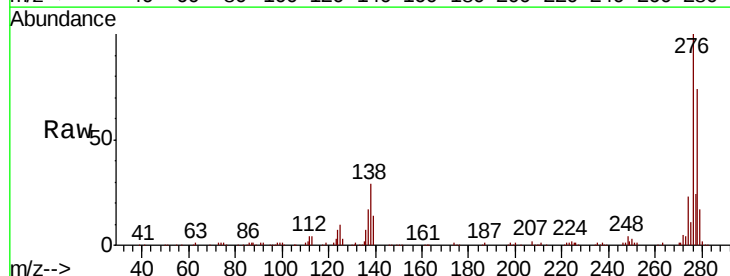


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

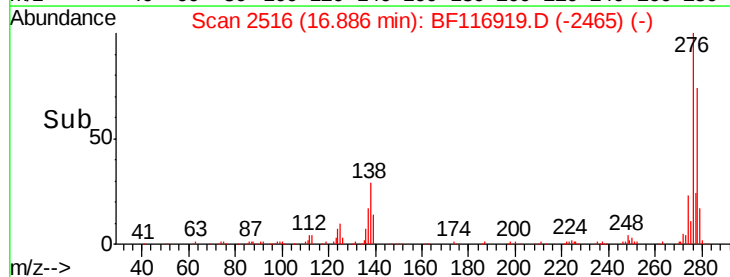
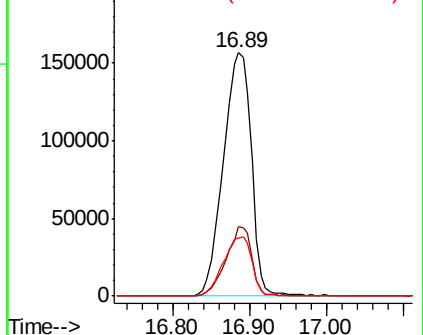


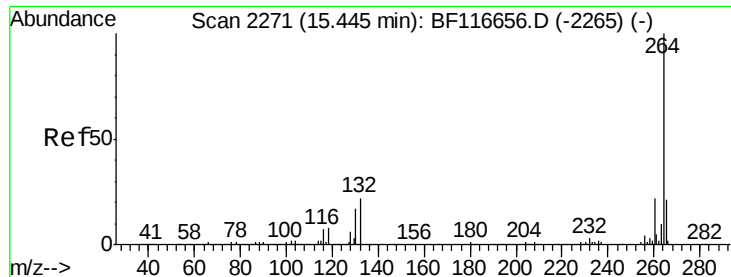
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.588 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:276 Resp: 397775
Ion Ratio Lower Upper
276 100
138 26.0 19.4 29.2
277 24.7 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

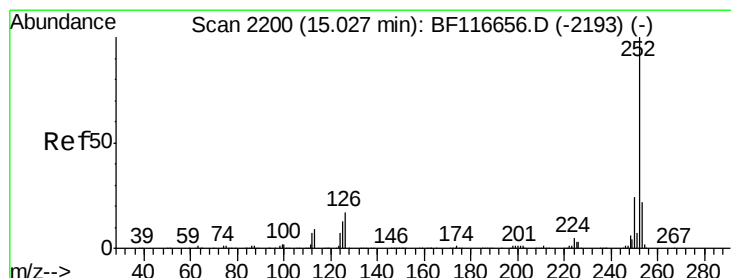
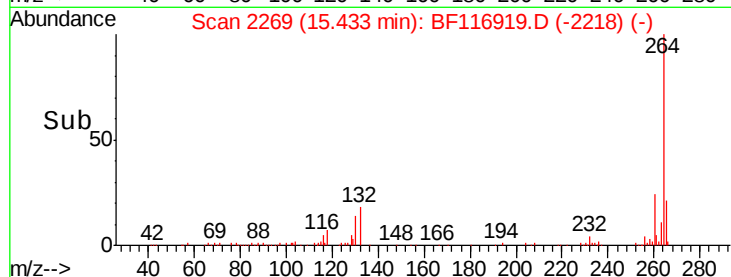
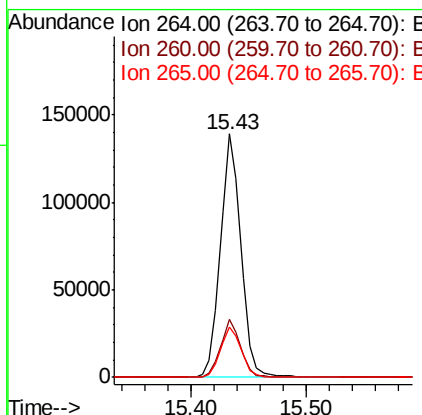
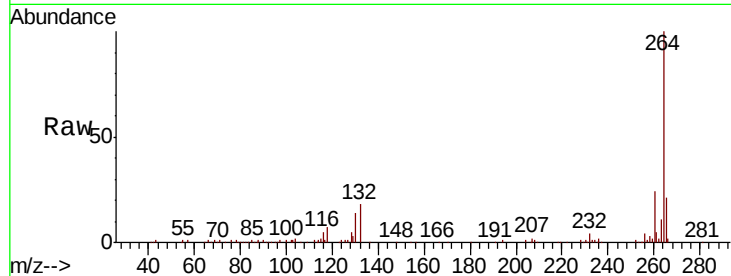




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

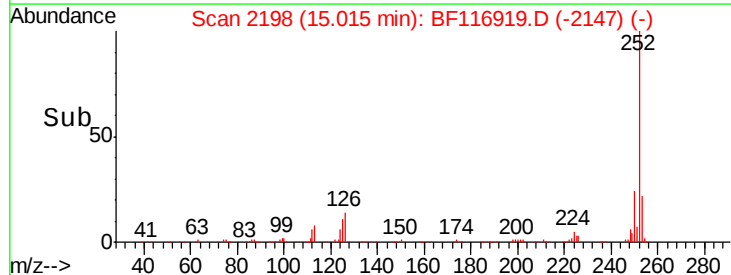
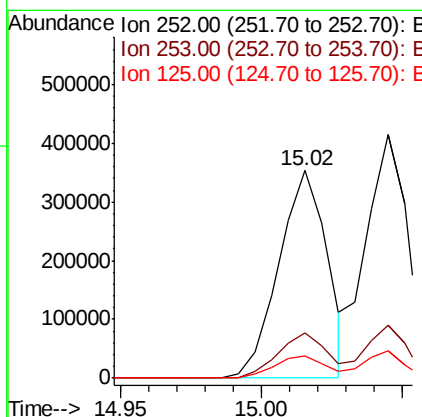
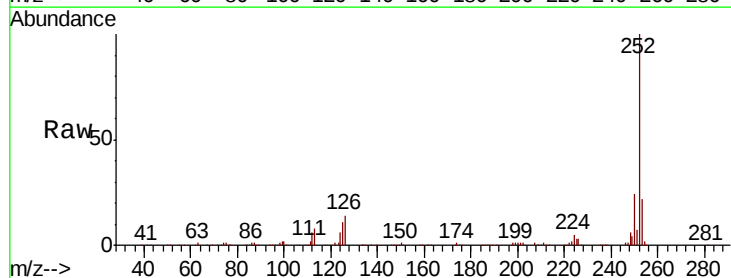
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

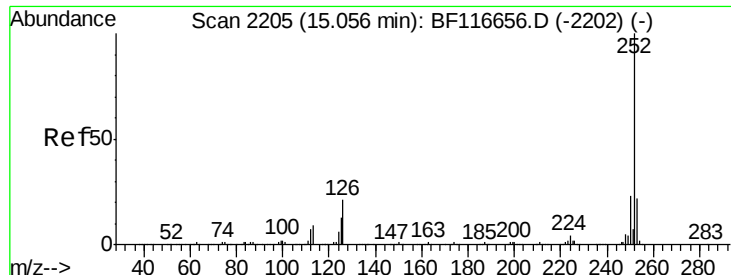
Tot Ion:264 Resp: 171641
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 20.7 16.5 24.7



#88
Benzo(b)fluoranthene
Concen: 40.518 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:252 Resp: 420464
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.8 8.2 12.2

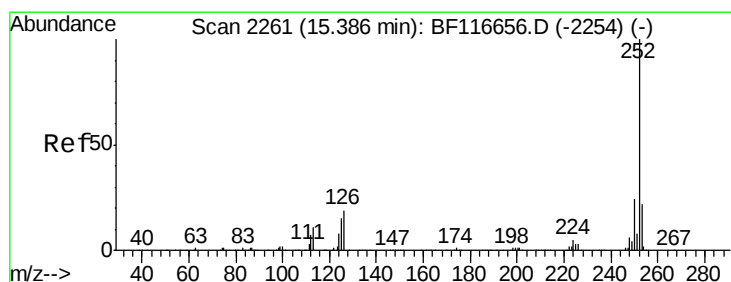
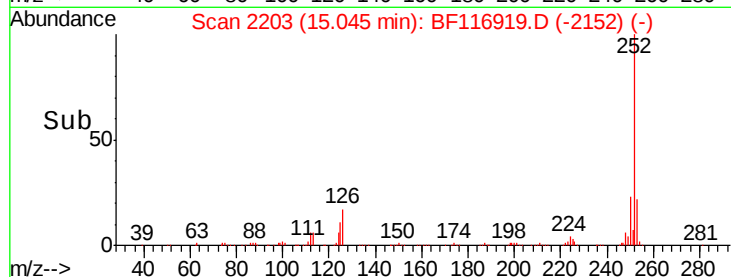
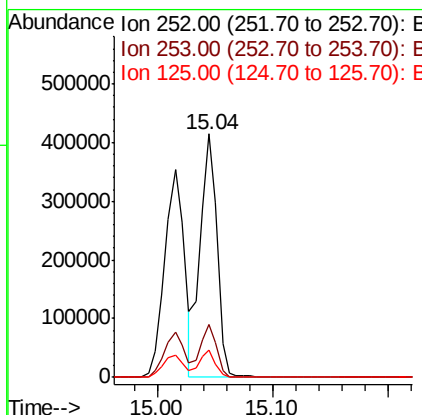
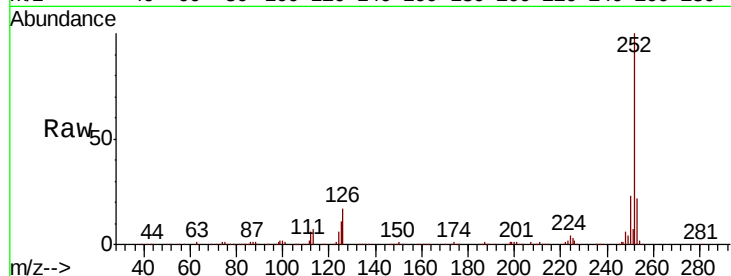




#89
Benzo(k)fluoranthene
Concen: 45.269 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

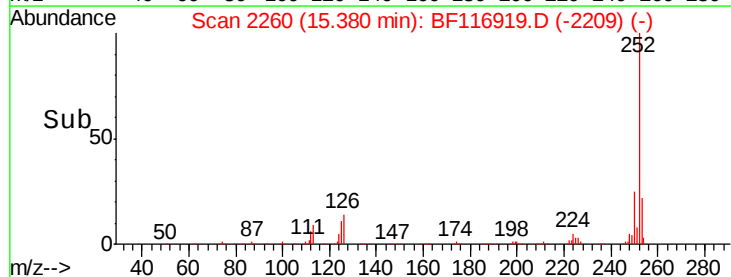
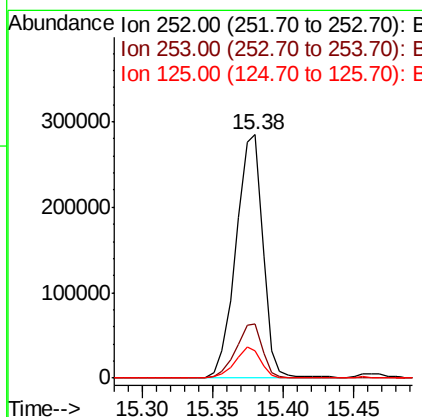
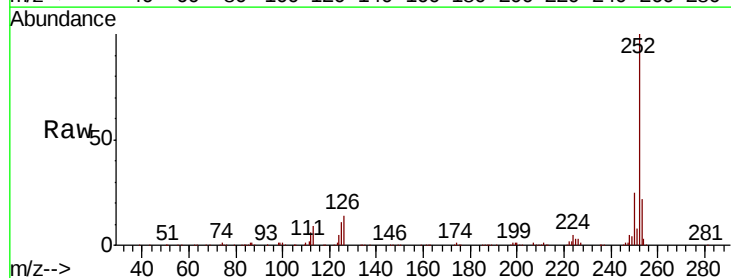
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

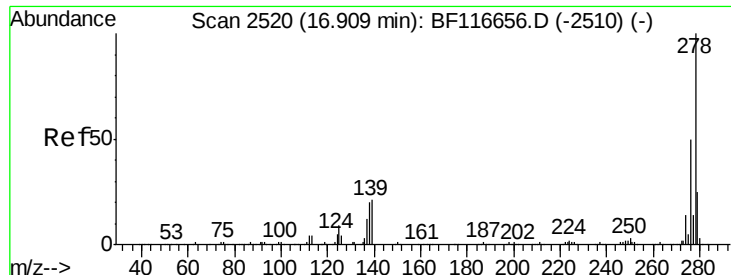
Tot Ion:252 Resp: 428319
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 41.986 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:252 Resp: 379064
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.2 9.8 14.8

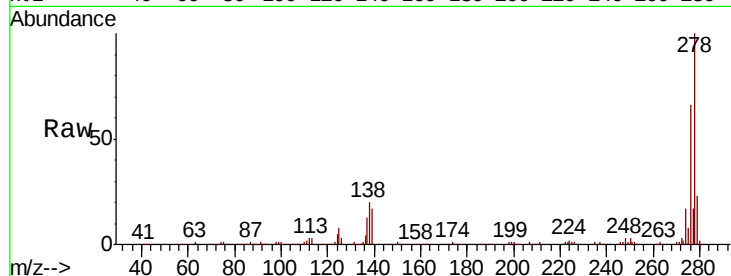




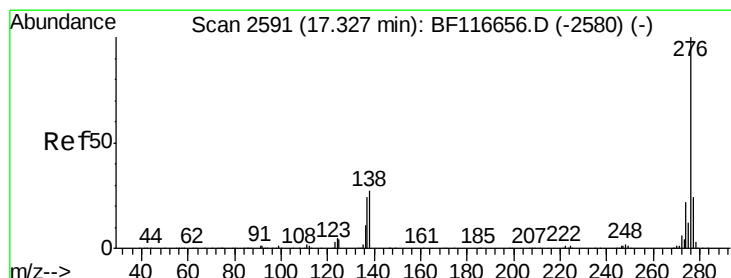
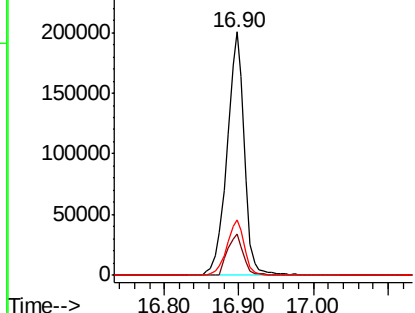
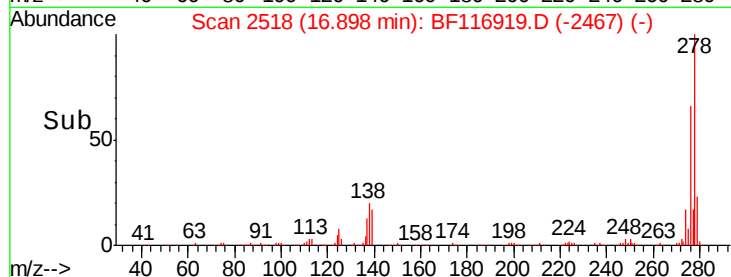
#91
Dibenzo(a,h)anthracene
Concen: 41.189 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 325498
Ion Ratio Lower Upper
278 100
139 17.0 12.4 18.6
279 22.8 18.2 27.4

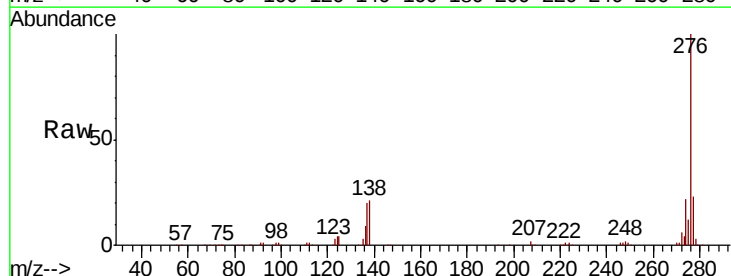


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.624 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF116919.D
Acq: 10 Sep 2019 14:16

Tgt Ion:276 Resp: 319349
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 20.7 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

