

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
 Data File : BF117354.D
 Acq On : 9 Oct 2019 14:45
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 09 23:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42643	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	183628	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	92799	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	152160	20.00	ng	0.00
76) Chrysene-d12	13.97	240	105688	20.00	ng	0.00
87) Perylene-d12	15.43	264	86976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	226884	83.07	ng	0.00
7) Phenol-d6	6.45	99	298965	84.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	289927	82.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	63302	81.62	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	530507	89.39	ng	0.00
79) Terphenyl-d14	12.91	244	511968	90.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	45490	39.802	ng	100
3) Pyridine	3.26	79	119912	38.331	ng	99
4) n-Nitrosodimethylamine	3.21	42	39578	36.866	ng	96
6) Aniline	6.47	93	188471	41.470	ng	# 85
8) 2-Chlorophenol	6.59	128	123298	41.844	ng	99
9) Benzaldehyde	6.36	77	80536	47.411	ng	98
10) Phenol	6.46	94	161337	41.460	ng	# 75
11) bis(2-Chloroethyl)ether	6.54	93	116264	40.651	ng	99
12) 1,3-Dichlorobenzene	6.75	146	139857	42.298	ng	97
13) 1,4-Dichlorobenzene	6.82	146	143528	42.536	ng	97
14) 1,2-Dichlorobenzene	6.97	146	136008	43.293	ng	97
15) Benzyl Alcohol	6.95	79	113630	41.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	125545	44.431	ng	77
17) 2-Methylphenol	7.07	107	104404	42.277	ng	# 91
18) Hexachloroethane	7.31	117	55007	42.375	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	94789	44.100	ng	95
20) 3+4-Methylphenols	7.22	107	138588	45.054	ng	# 80
22) Acetophenone	7.22	105	193674	41.513	ng	96
24) Nitrobenzene	7.39	77	143441	41.562	ng	100
25) Isophorone	7.63	82	252773	40.849	ng	99
26) 2-Nitrophenol	7.70	139	64093	43.234	ng	97
27) 2,4-Dimethylphenol	7.75	122	98237	41.787	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	160092	41.992	ng	99
29) 2,4-Dichlorophenol	7.96	162	101072	41.031	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	109347	41.088	ng	99
31) Naphthalene	8.10	128	368832	41.764	ng	99
32) Benzoic acid	7.89	122	57790m	34.677	ng	
33) 4-Chloroaniline	8.16	127	160537	40.985	ng	98
34) Hexachlorobutadiene	8.22	225	62269	41.242	ng	98
35) Caprolactam	8.53	113	33199	39.818	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	117402	40.875	ng	99
37) 2-Methylnaphthalene	8.80	142	249691	41.986	ng	98
38) 1-Methylnaphthalene	8.90	142	235539	42.288	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	103747	43.294	ng	98

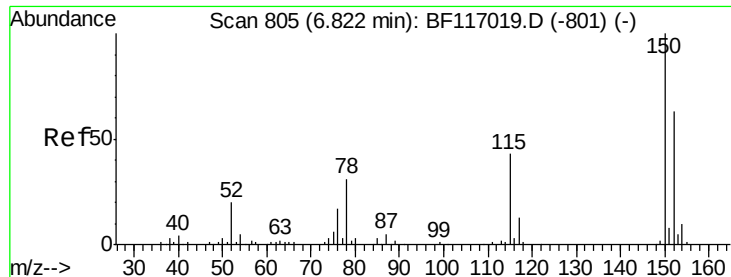
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
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 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	35815	38.343	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	63605	39.112	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	67338	38.757	nq	99
46) 1,1'-Biphenyl	9.26	154	307139	42.194	nq	99
47) 2-Chloronaphthalene	9.29	162	243112	42.319	nq	99
48) 2-Nitroaniline	9.39	65	78278	42.481	nq	94
49) Acenaphthylene	9.70	152	363449	42.232	nq	99
50) Dimethylphthalate	9.56	163	273880	41.682	nq	99
51) 2,6-Dinitrotoluene	9.63	165	57478	42.951	nq #	89
52) Acenaphthene	9.87	154	215963	42.333	nq	98
53) 3-Nitroaniline	9.80	138	70571	41.797	nq	98
54) 2,4-Dinitrophenol	9.93	184	21483	42.085	nq	91
55) Dibenzofuran	10.05	168	319586	42.459	nq	98
56) 4-Nitrophenol	9.99	139	40693	37.186	nq	97
57) 2,4-Dinitrotoluene	10.04	165	78679	45.293	nq #	87
58) Fluorene	10.39	166	266003	43.872	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	50276	37.813	nq	98
60) Diethylphthalate	10.26	149	278237	43.042	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	117261	44.699	nq	98
62) 4-Nitroaniline	10.42	138	73814	42.038	nq	95
63) Azobenzene	10.54	77	281093	42.575	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	28495	42.092	nq	93
66) n-Nitrosodiphenylamine	10.50	169	226195	43.044	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	66353	42.700	nq	96
68) Hexachlorobenzene	10.95	284	70482	41.469	nq	98
69) Atrazine	11.02	200	47829	34.292	nq	99
70) Pentachlorophenol	11.15	266	31770	39.878	nq	98
71) Phenanthrene	11.35	178	360621	41.726	nq	99
72) Anthracene	11.40	178	375044	42.505	nq	98
73) Carbazole	11.56	167	349905	41.778	nq	98
74) Di-n-butylphthalate	11.88	149	449936	45.153	nq	99
75) Fluoranthene	12.54	202	372162	41.909	nq	100
77) Benzidine	12.66	184	133961	39.348	nq	98
78) Pyrene	12.77	202	369191	41.632	nq	97
80) Butylbenzylphthalate	13.37	149	182241	43.491	nq	99
81) Benzo(a)anthracene	13.96	228	297737	42.165	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	93418	41.055	nq	96
83) Chrysene	14.00	228	288215	41.850	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	239897	44.403	nq	99
85) Di-n-octyl phthalate	14.54	149	370121	43.525	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	179300	35.686	nq	98
88) Benzo(b)fluoranthene	15.00	252	230391	43.730	nq	99
89) Benzo(k)fluoranthene	15.03	252	207273	41.532	nq	99
90) Benzo(a)pyrene	15.37	252	192791	41.701	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	149068	40.475	nq	97
92) Benzo(g,h,i)perylene	17.32	276	138726	37.800	nq	97

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

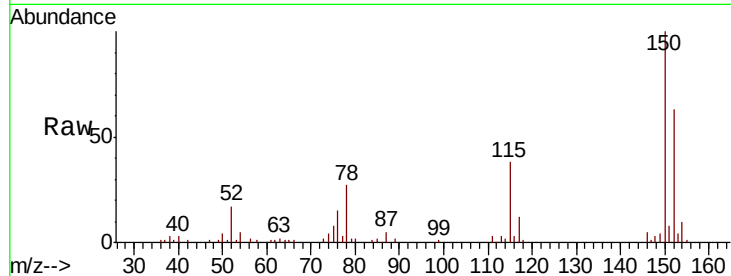


#1

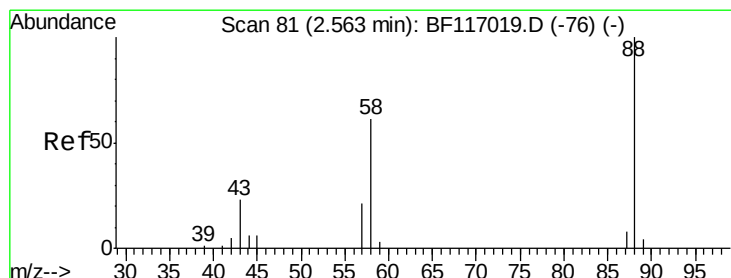
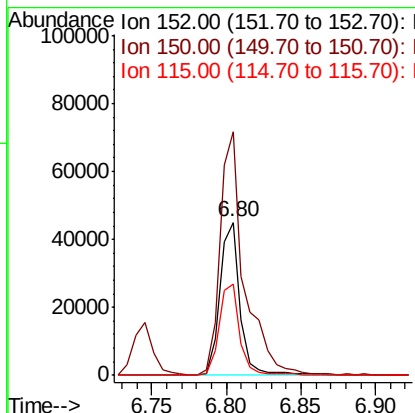
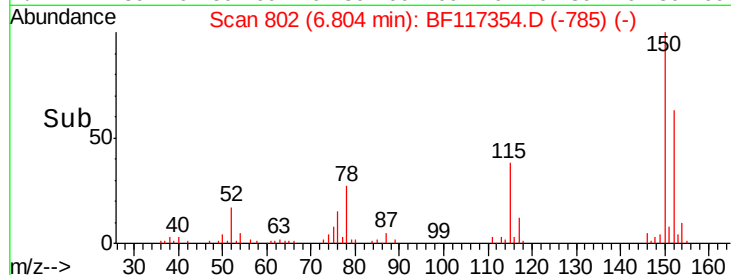
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 42643
Ion Ratio Lower Upper
152 100
150 159.3 127.5 191.3
115 60.0 55.0 82.4



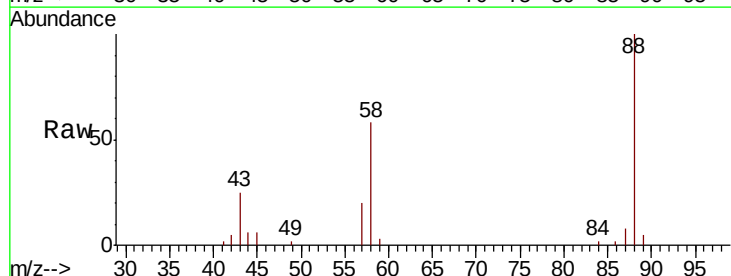
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



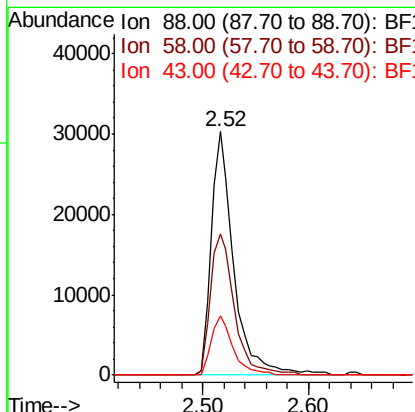
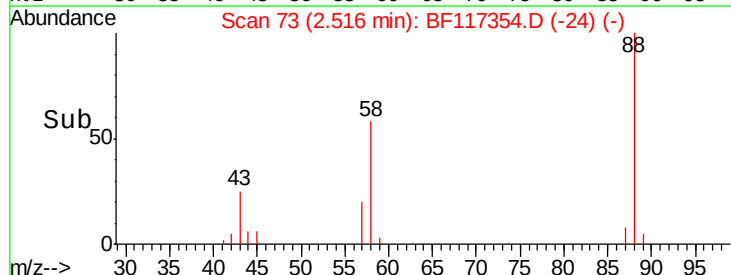
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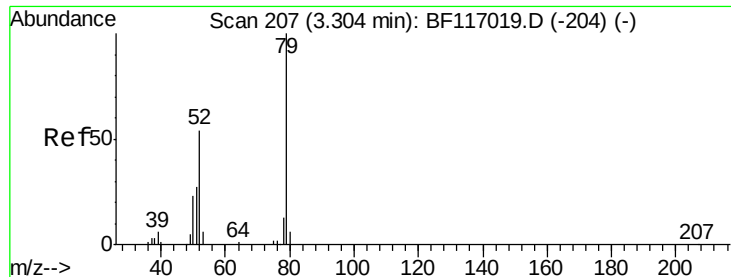
1,4-Dioxane
Concen: 39.802 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion: 88 Resp: 45490
Ion Ratio Lower Upper
88 100
58 61.5 49.3 73.9
43 23.5 18.8 28.2



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: 38.331 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.01 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

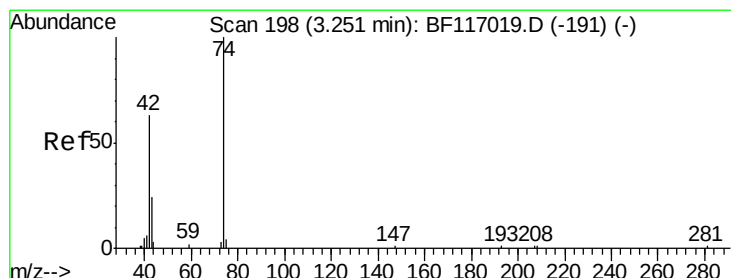
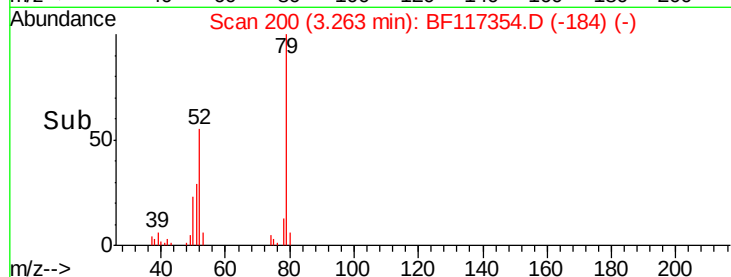
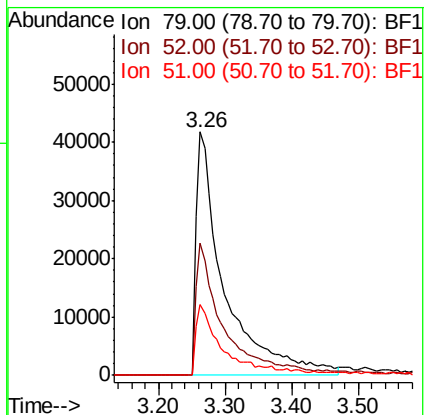
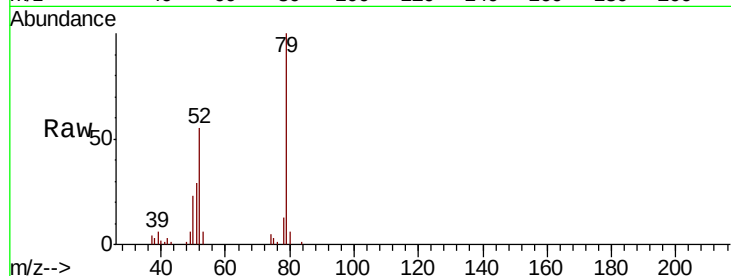
Tot Ion: 79 Resp: 119912

Ion Ratio Lower Upper

79 100

52 54.5 43.5 65.3

51 29.3 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 36.866 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.01 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

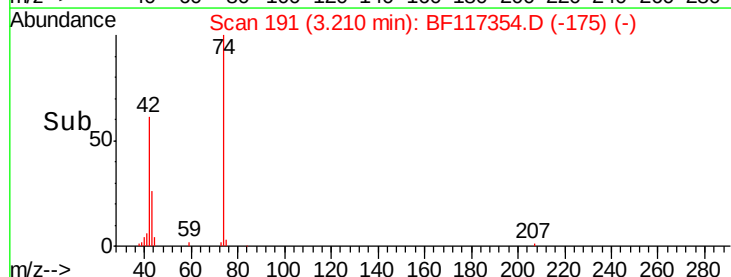
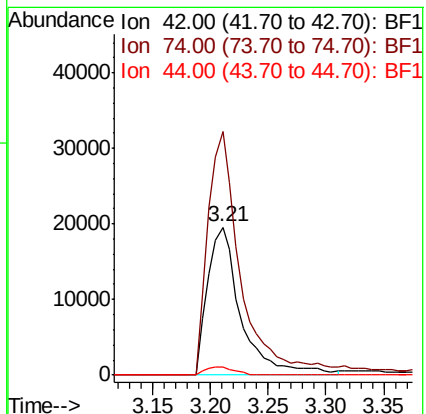
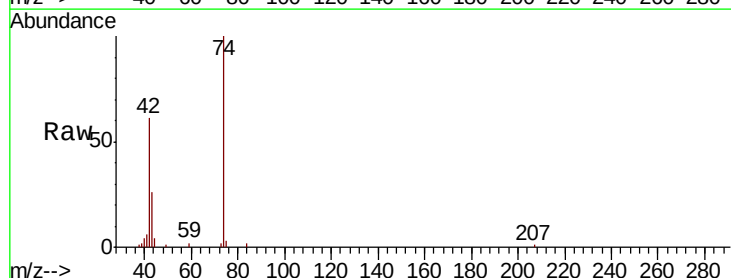
Tgt Ion: 42 Resp: 39578

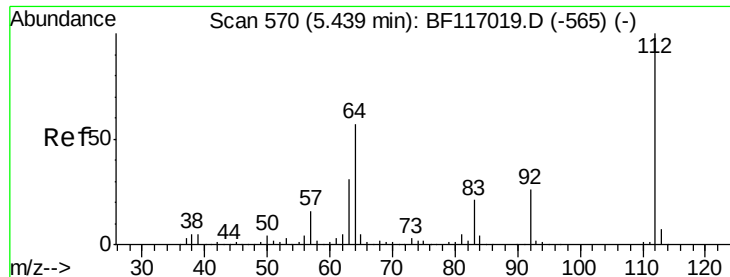
Ion Ratio Lower Upper

42 100

74 164.7 127.1 190.7

44 5.8 4.3 6.5





#5

2-Fluorophenol

Concen: 83.067 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

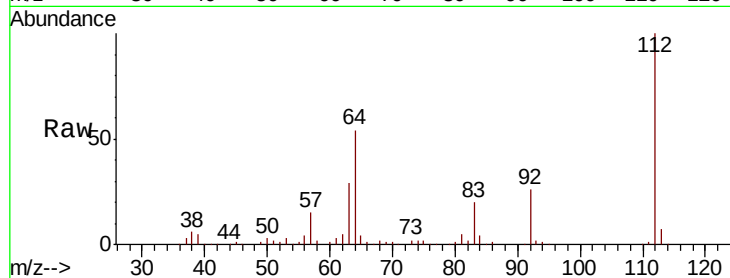
Tot Ion:112 Resp: 226884

Ion Ratio Lower Upper

112 100

64 53.7 45.7 68.5

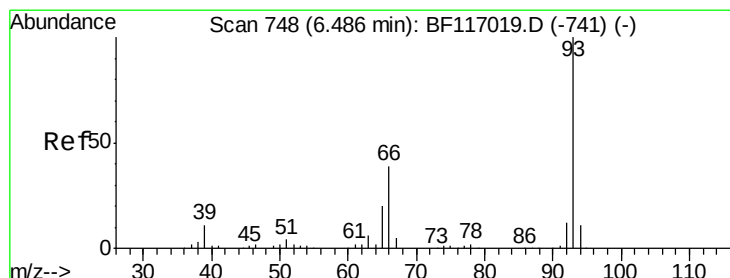
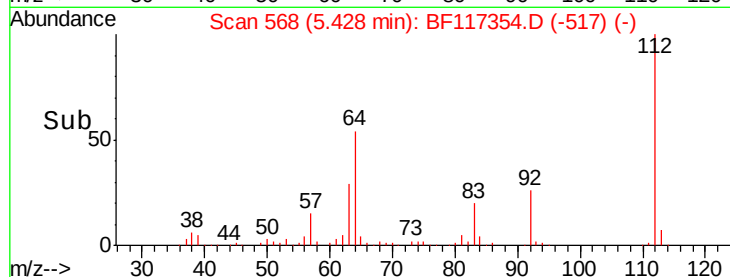
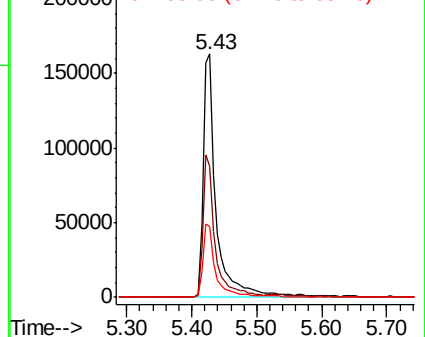
63 29.0 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.470 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

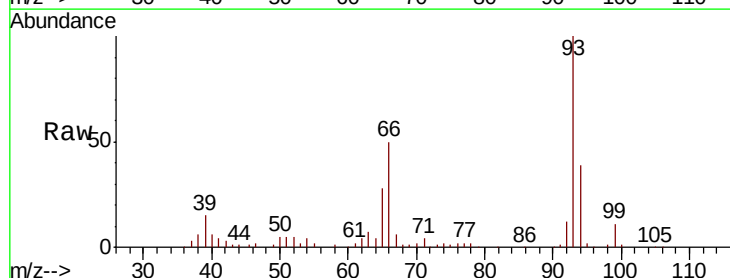
Tgt Ion: 93 Resp: 188471

Ion Ratio Lower Upper

93 100

66 50.2 32.6 49.0#

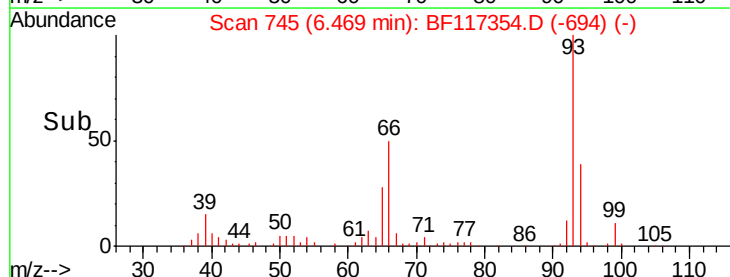
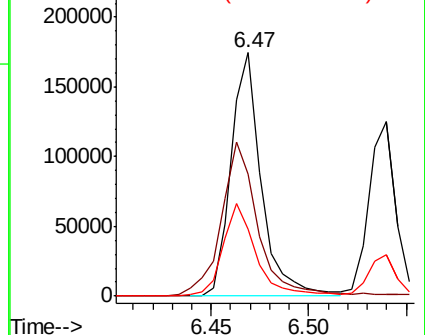
65 27.7 16.7 25.1#

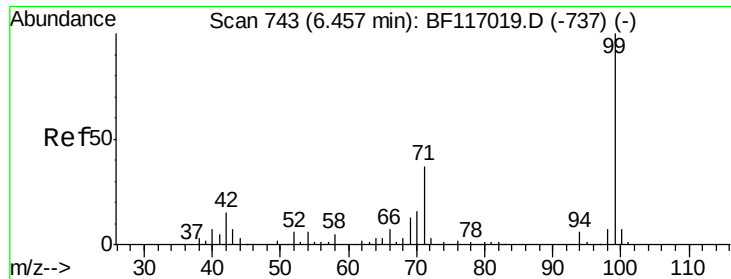


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.696 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

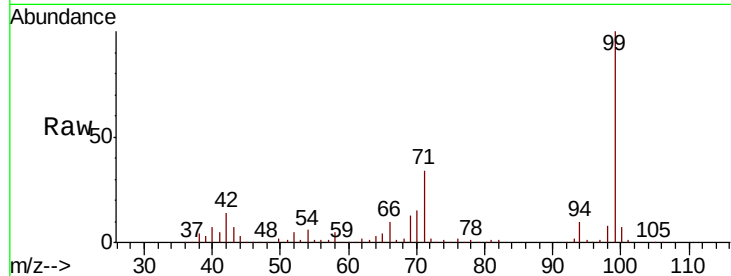
Tot Ion: 99 Resp: 298965

Ion Ratio Lower Upper

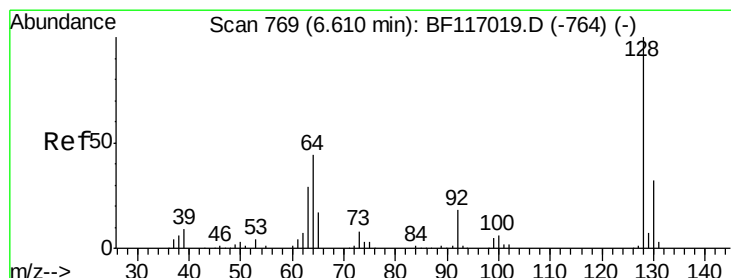
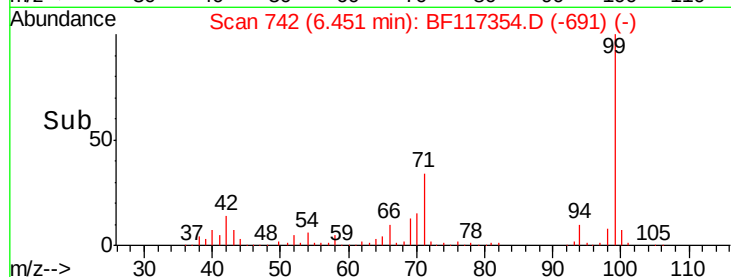
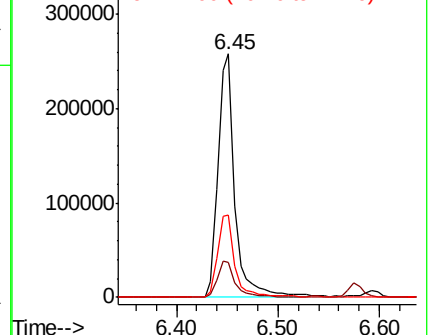
99 100

42 14.1 12.2 18.2

71 33.7 29.8 44.8



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: 41.844 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

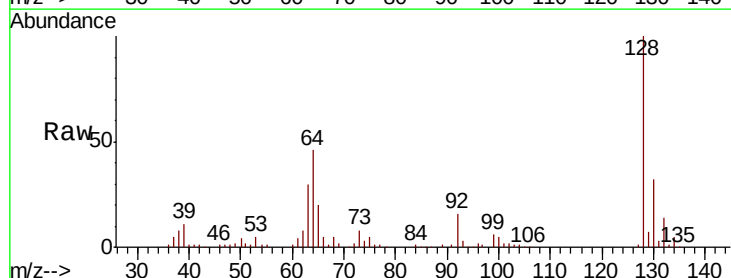
Tgt Ion: 128 Resp: 123298

Ion Ratio Lower Upper

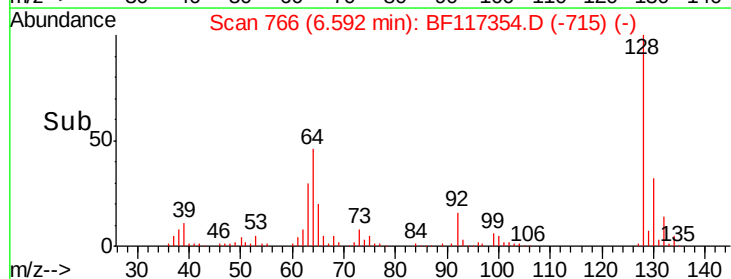
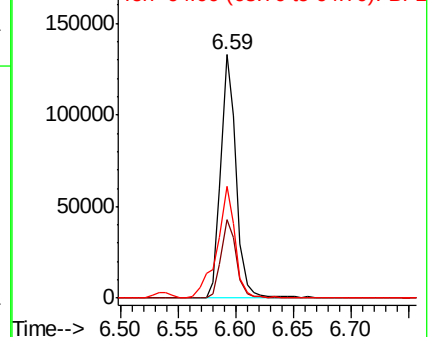
128 100

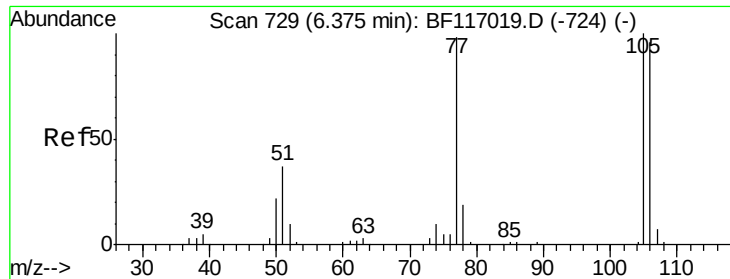
130 32.3 11.8 51.8

64 46.0 25.0 65.0



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: 47.411 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

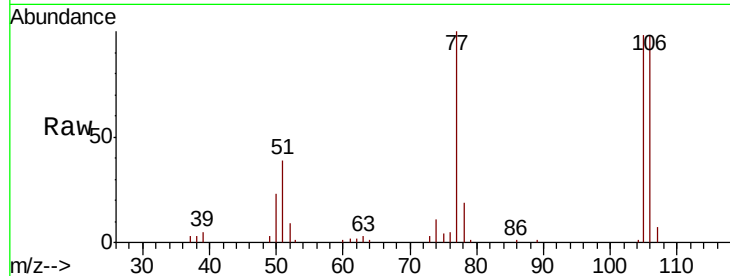
Tot Ion: 77 Resp: 80536

Ion Ratio Lower Upper

77 100

105 98.5 81.8 121.8

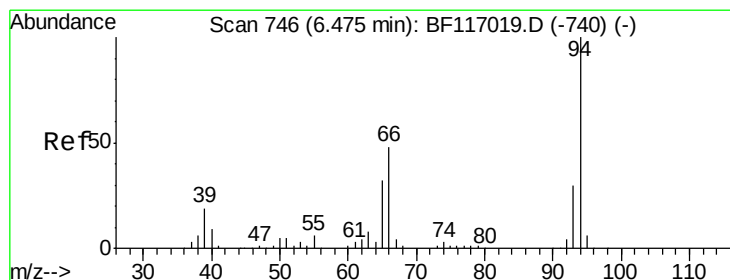
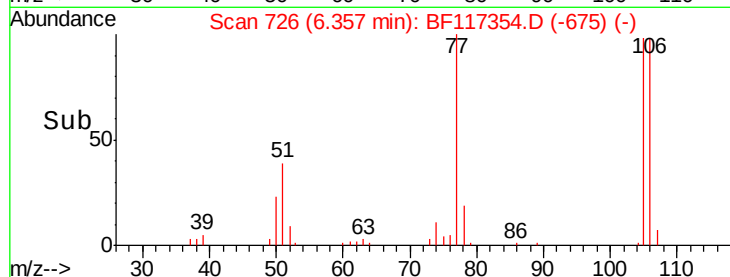
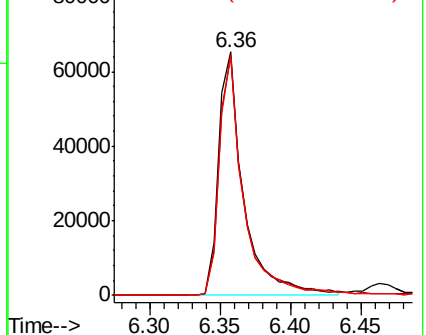
106 98.5 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.460 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

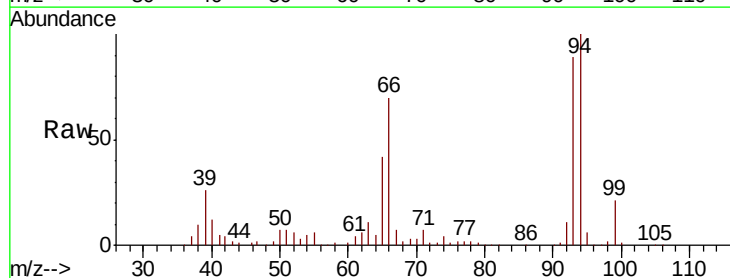
Tgt Ion: 94 Resp: 161337

Ion Ratio Lower Upper

94 100

65 41.9 12.5 52.5

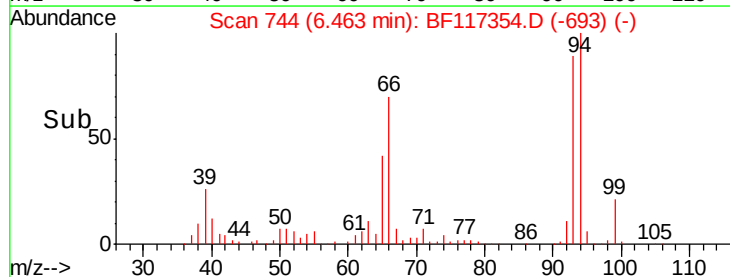
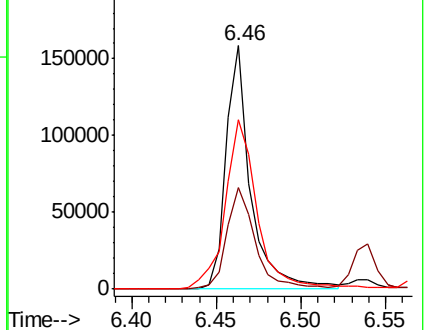
66 69.8 28.9 68.9#

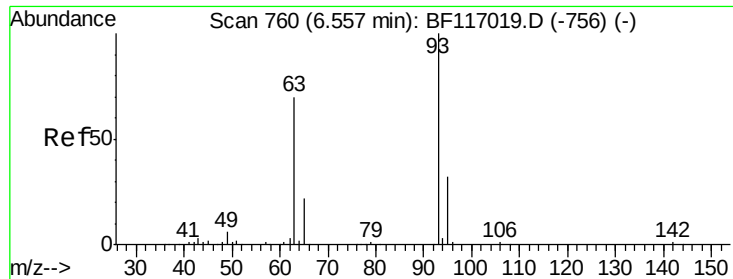


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

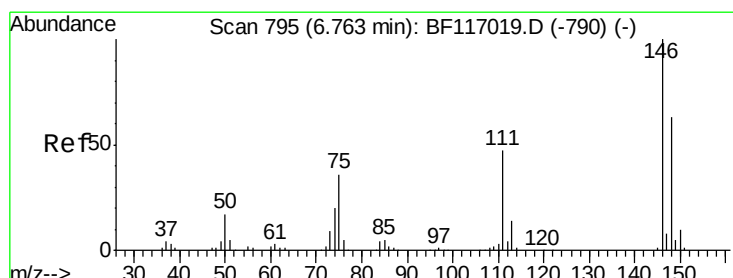
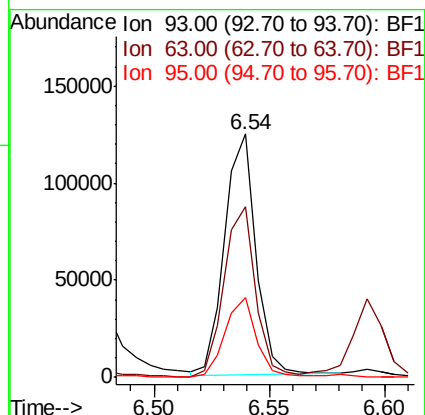
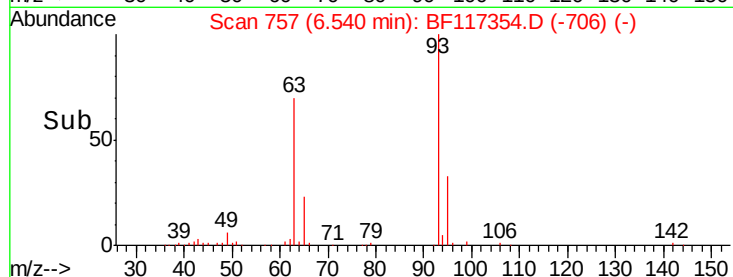
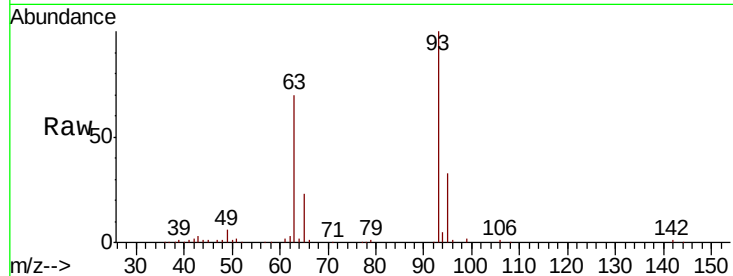




#11
bis(2-Chloroethyl)ether
Concen: 40.651 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

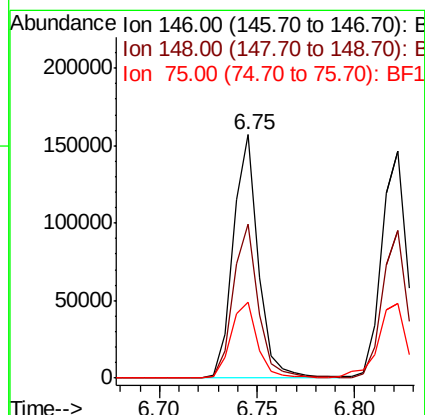
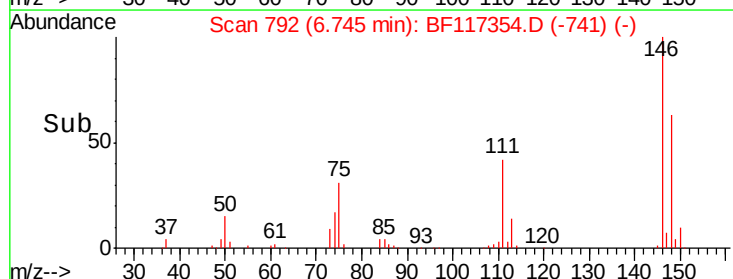
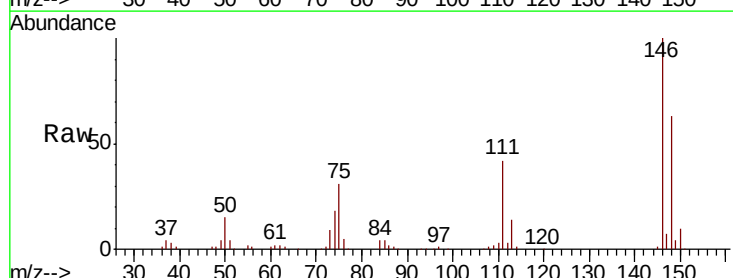
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

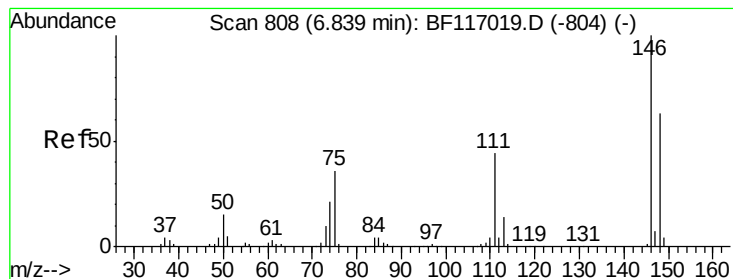
Tot Ion: 93 Resp: 116264
Ion Ratio Lower Upper
93 100
63 70.0 49.3 89.3
95 32.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.298 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion: 146 Resp: 139857
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
75 31.4 28.7 43.1





#13

1,4-Dichlorobenzene

Concen: 42.536 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

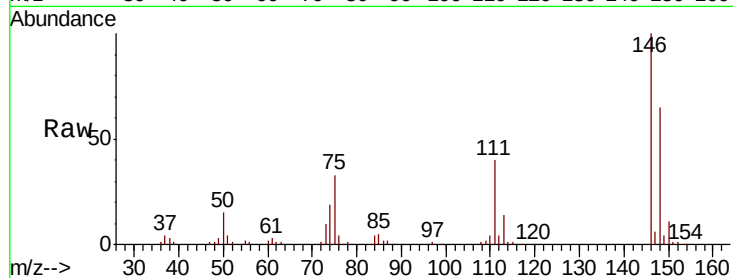
Tot Ion:146 Resp: 143528

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

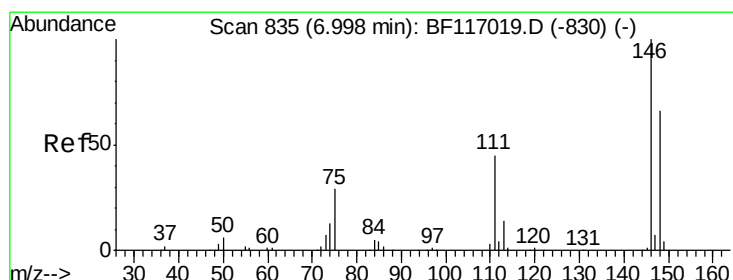
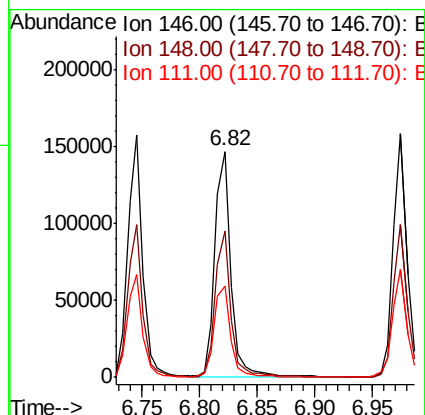
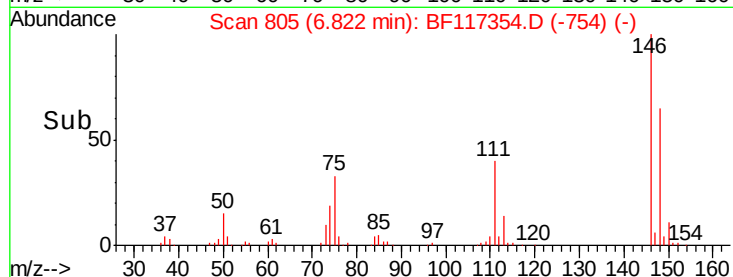
111 40.5 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.293 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

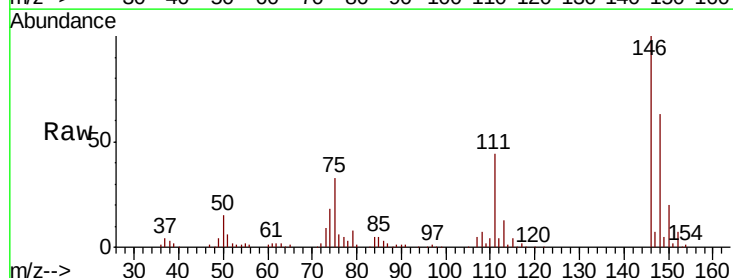
Tgt Ion:146 Resp: 136008

Ion Ratio Lower Upper

146 100

148 62.5 52.6 78.8

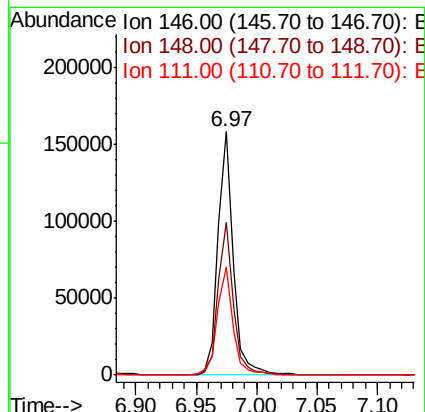
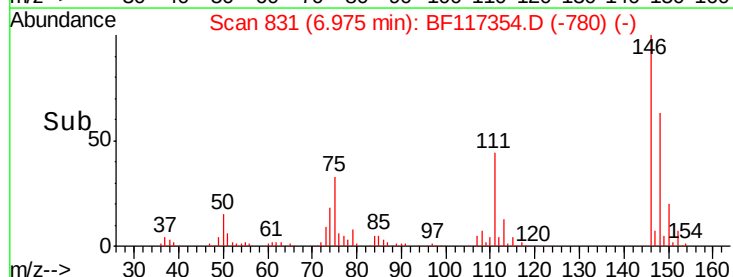
111 44.2 36.2 54.2

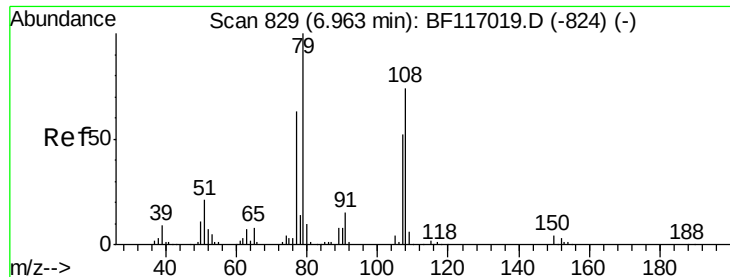


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.978 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

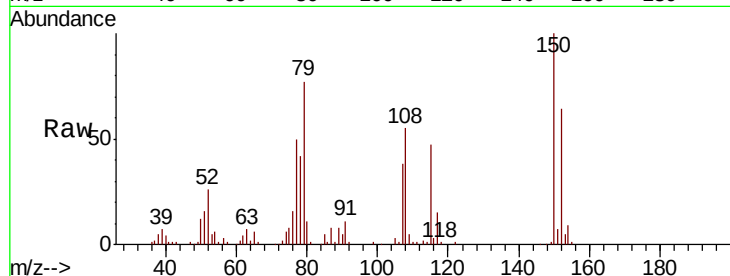
Tot Ion: 79 Resp: 113630

Ion Ratio Lower Upper

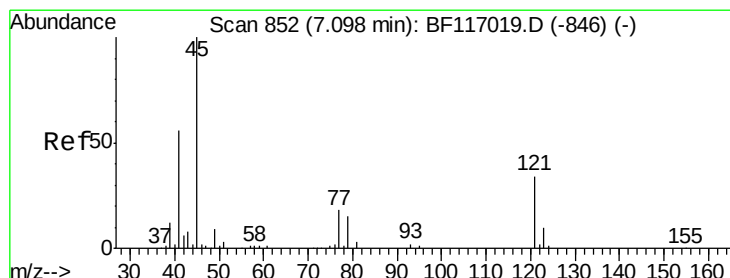
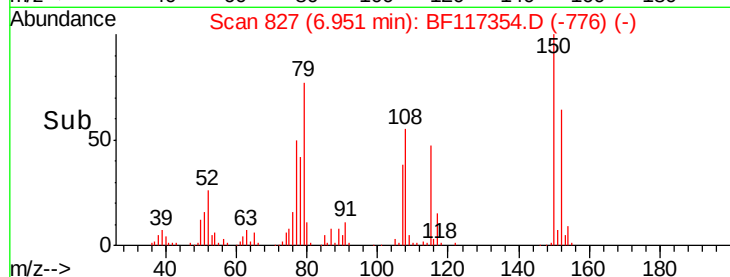
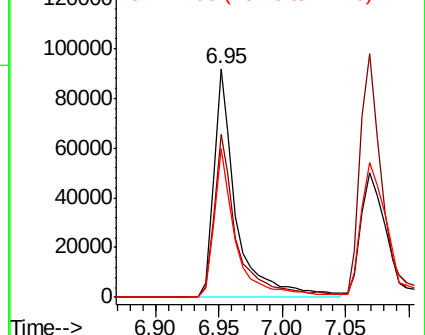
79 100

108 71.6 59.4 89.0

77 65.1 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.431 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

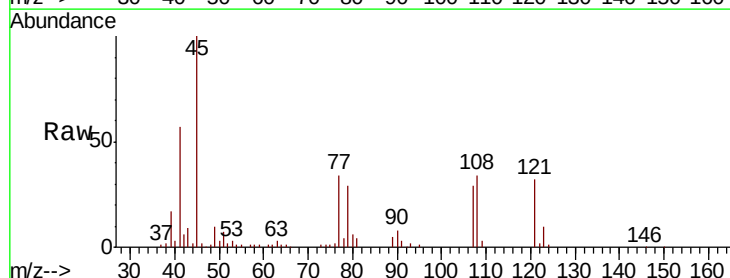
Tgt Ion: 45 Resp: 125545

Ion Ratio Lower Upper

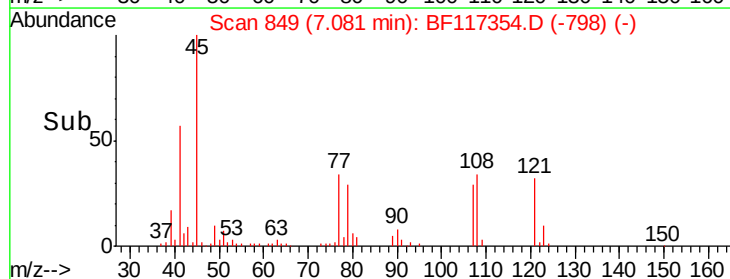
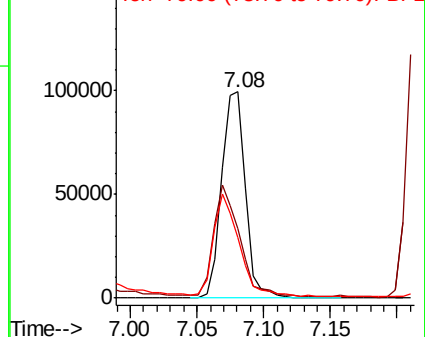
45 100

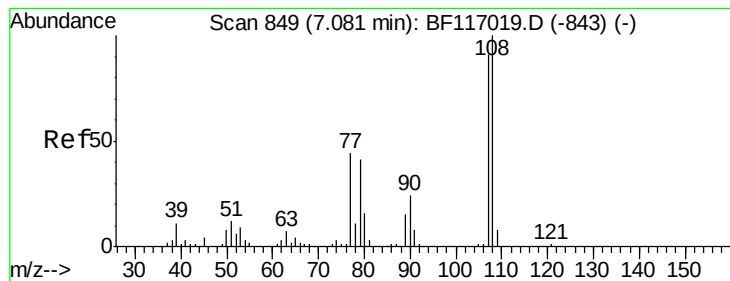
77 33.9 2.7 42.7

79 29.2 0.0 38.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

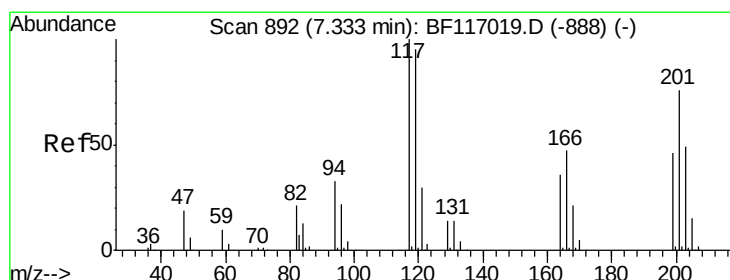
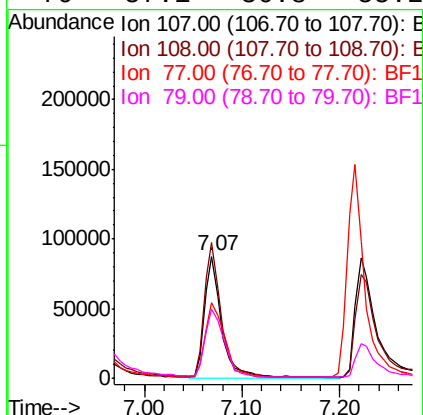
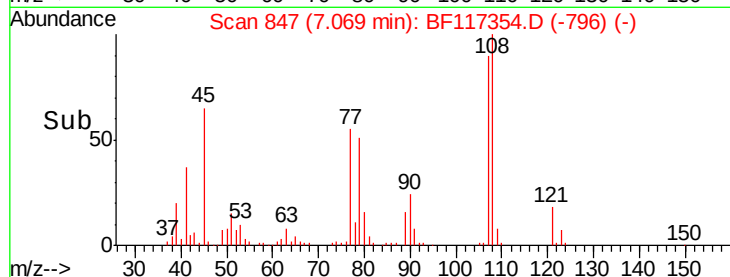
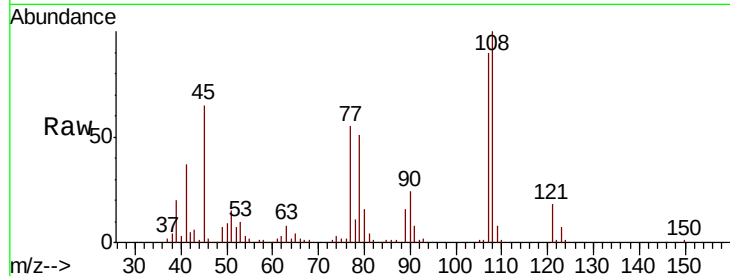




#17
2-Methylphenol
Concen: 42.277 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

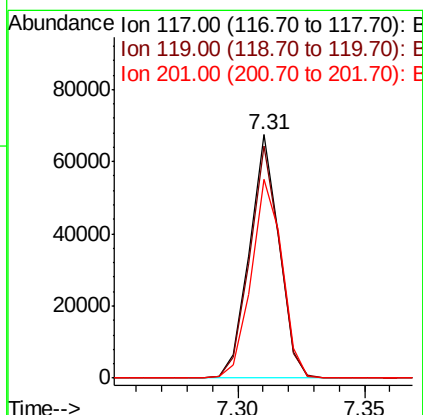
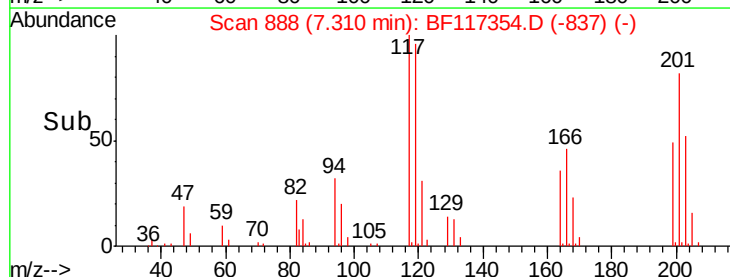
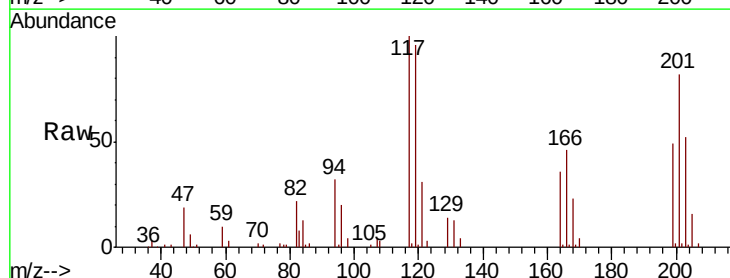
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

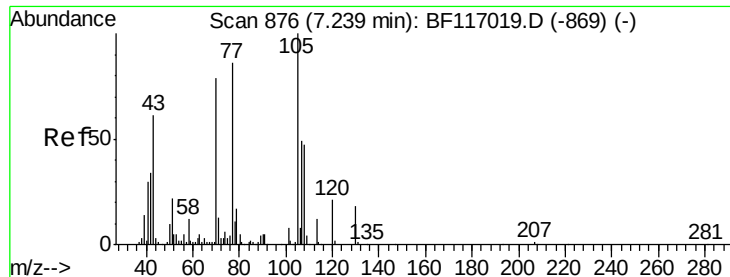
Tot Ion:107 Resp: 104404
Ion Ratio Lower Upper
107 100
108 111.4 87.7 131.5
77 61.8 38.6 58.0#
79 57.1 36.8 55.2#



#18
Hexachloroethane
Concen: 42.375 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:117 Resp: 55007
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 81.8 60.9 91.3

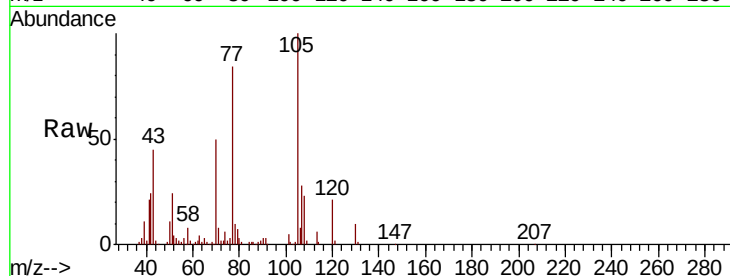




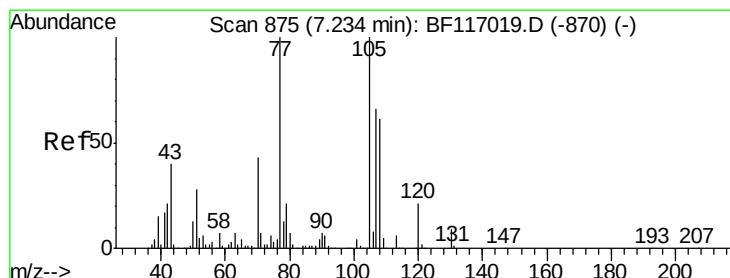
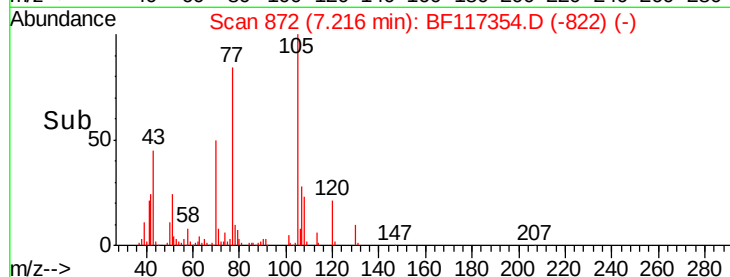
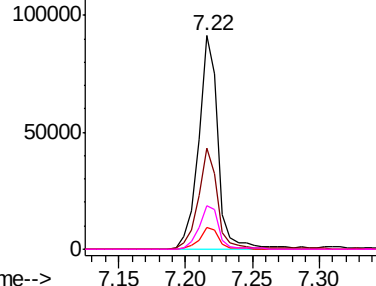
#19
n-Nitroso-di-n-propylamine
Concen: 44.100 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	94789
Ion	Ratio	Lower	Upper
70	100		
42	47.3	34.0	51.0
101	10.0	7.8	11.6
130	20.7	17.8	26.8

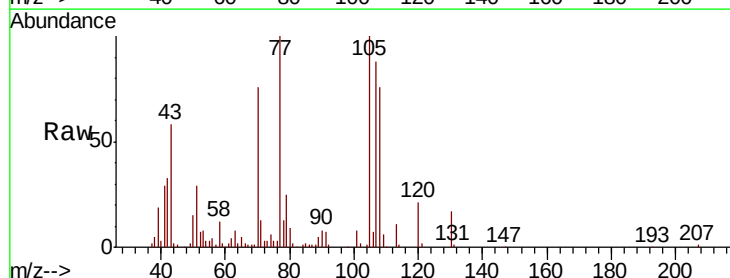


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

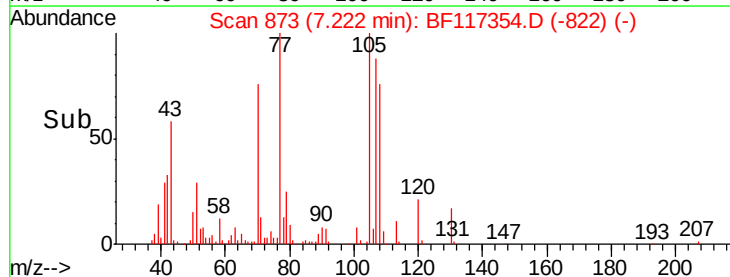
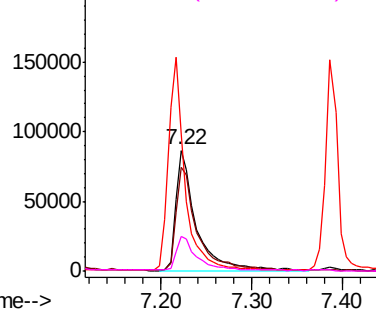


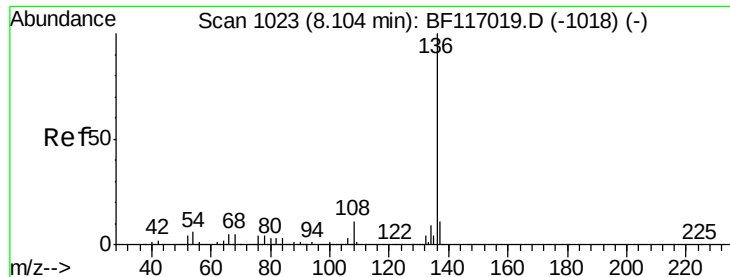
#20
3+4-Methylphenols
Concen: 45.054 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:	107	Resp:	138588
Ion	Ratio	Lower	Upper
107	100		
108	85.9	72.6	112.6
77	112.9	132.1	172.1#
79	28.3	12.1	52.1



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

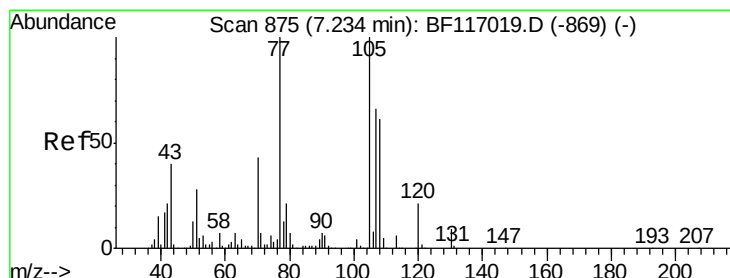
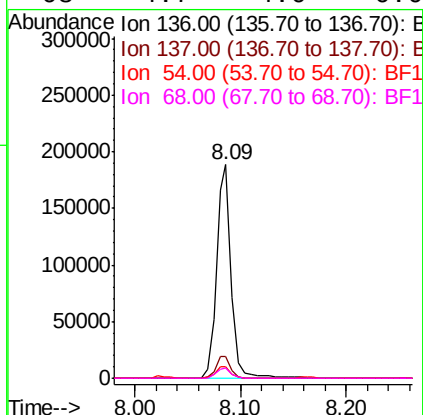
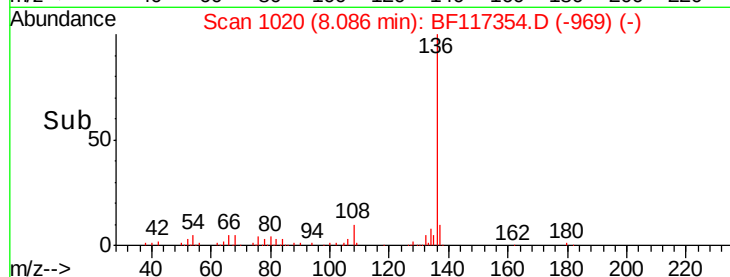
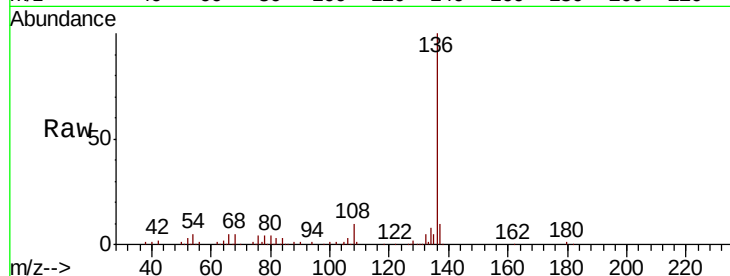




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

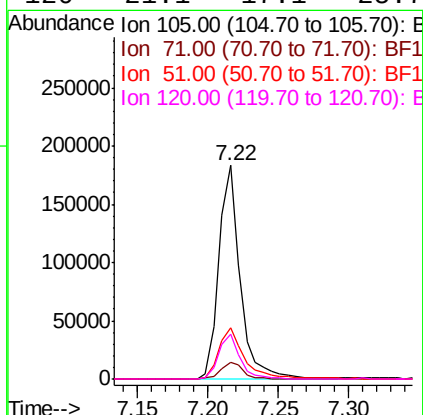
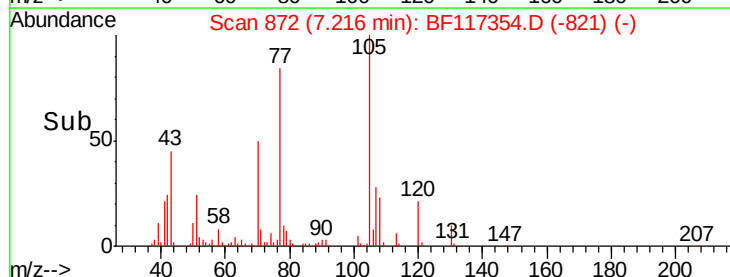
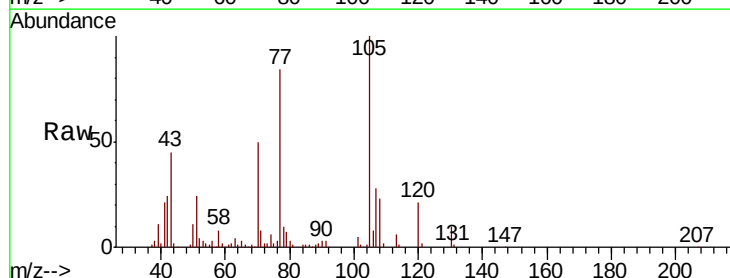
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

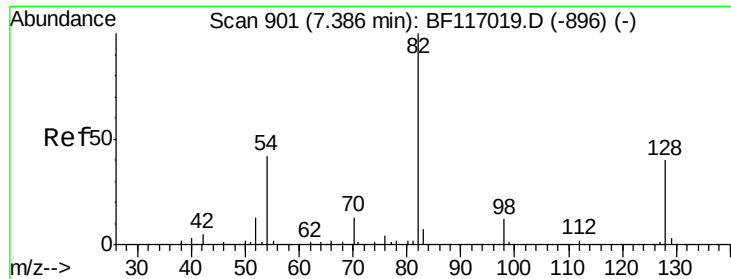
Tot Ion:136	Resp:	183628	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	9.0	13.4	
54 5.4	4.5	6.7	
68 4.7	4.0	6.0	



#22
Acetophenone
Concen: 41.513 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt	Ion:105	Resp:	193674
Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.7	8.5
51	24.1	22.1	33.1
120	21.1	17.1	25.7

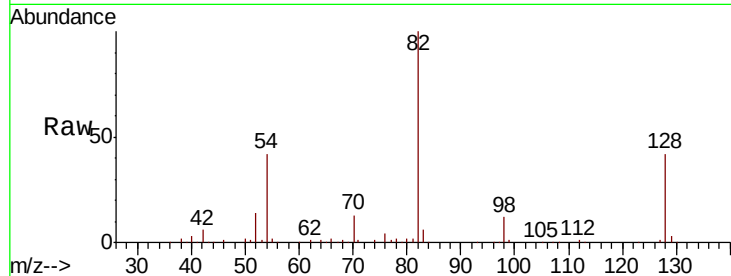




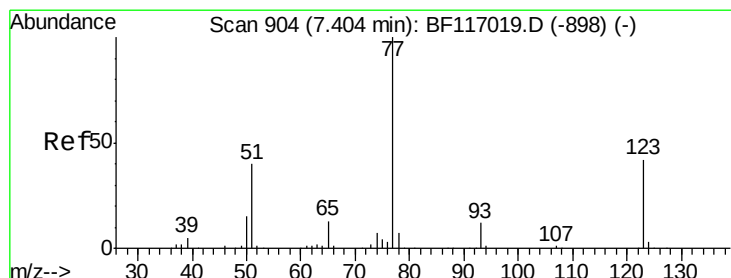
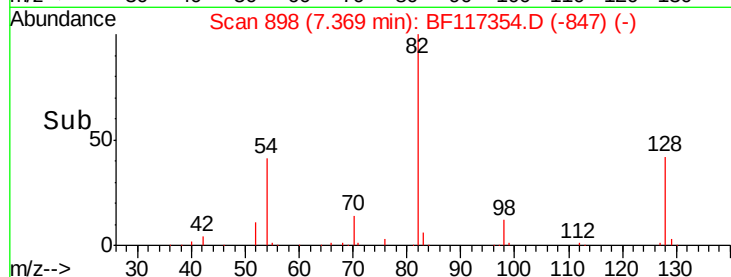
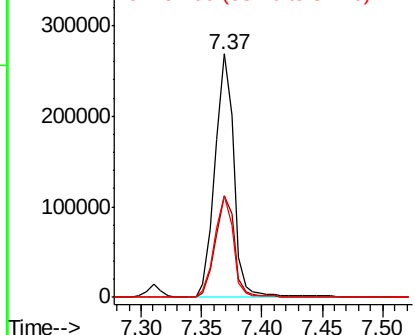
#23
Nitrobenzene-d5
Concen: 82.958 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	289927
Ion Ratio	100	Lower	Upper
128	41.6	32.3	48.5
54	41.8	33.3	49.9

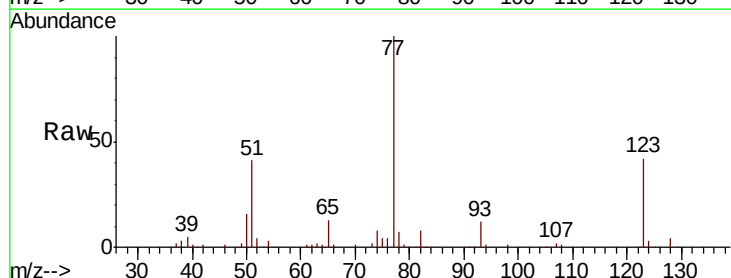


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

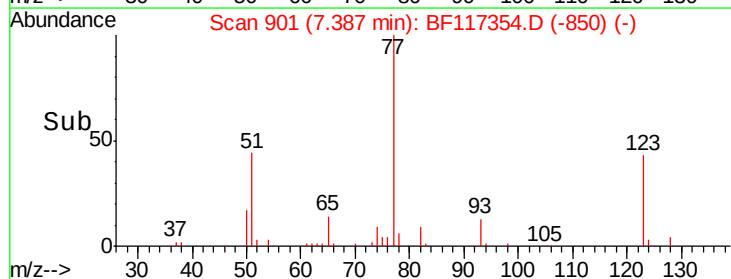
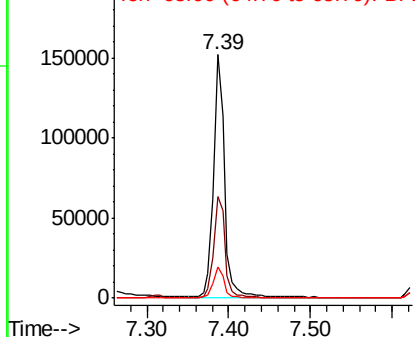


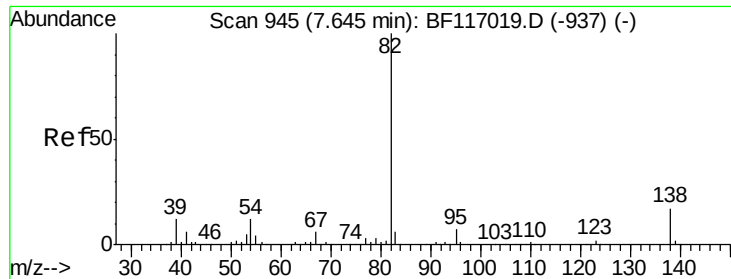
#24
Nitrobenzene
Concen: 41.562 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion	77	Resp	143441
Ion Ratio	100	Lower	Upper
123	41.8	33.5	50.3
65	12.7	10.5	15.7



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





#25

Isophorone

Concen: 40.849 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

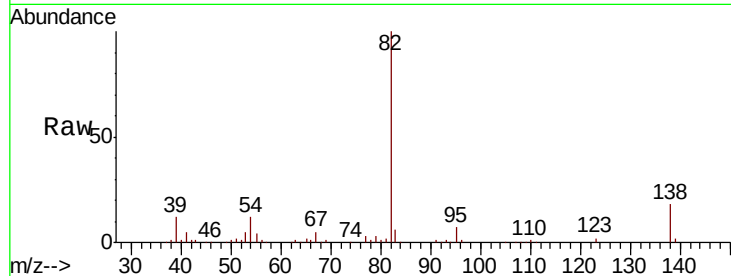
Tot Ion: 82 Resp: 252773

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

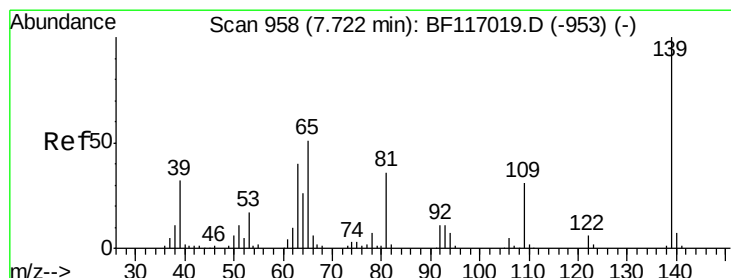
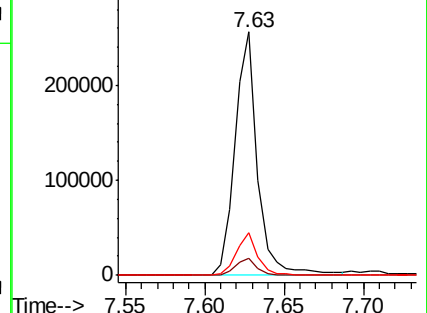
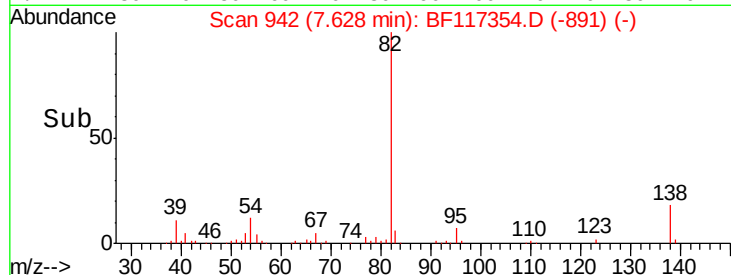
138 17.7 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.234 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

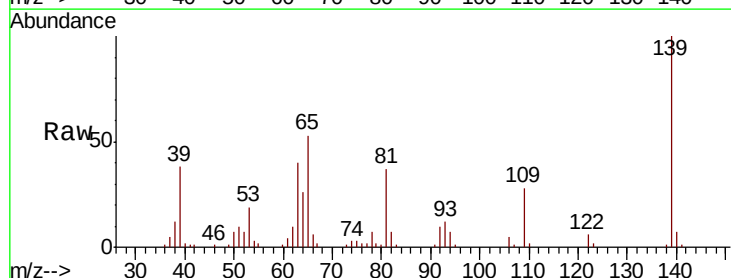
Tgt Ion: 139 Resp: 64093

Ion Ratio Lower Upper

139 100

109 28.2 24.6 36.8

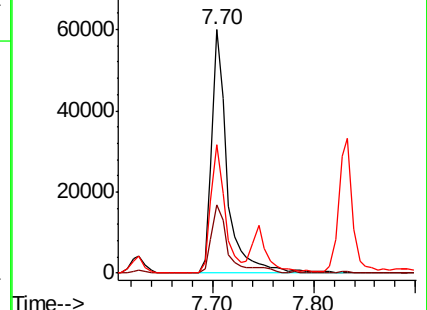
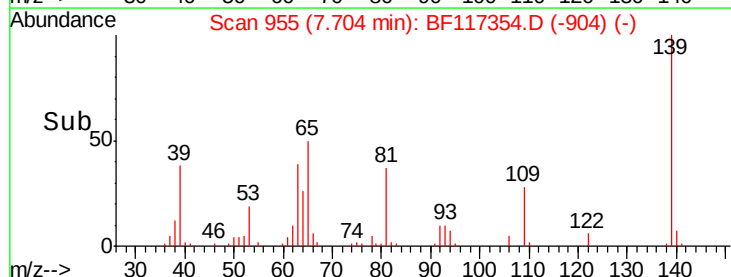
65 52.6 40.9 61.3

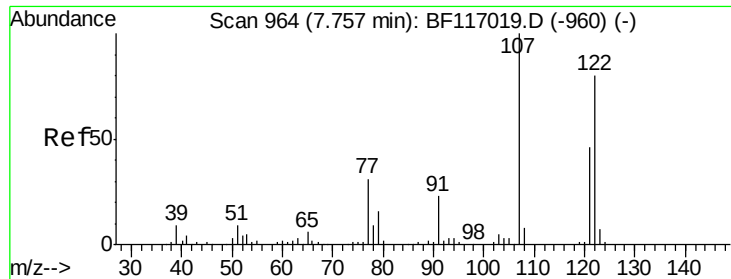


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

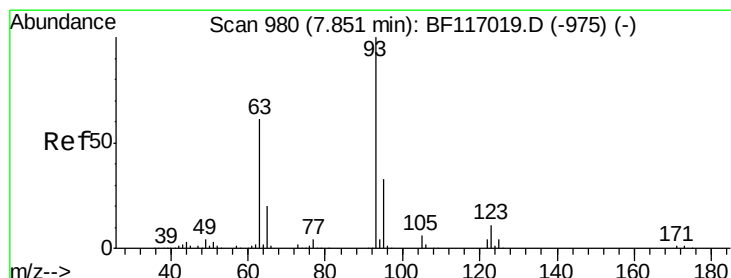
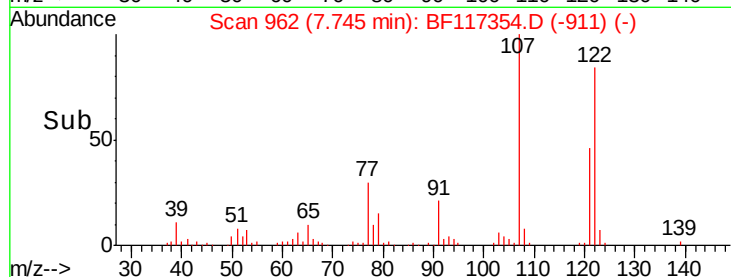
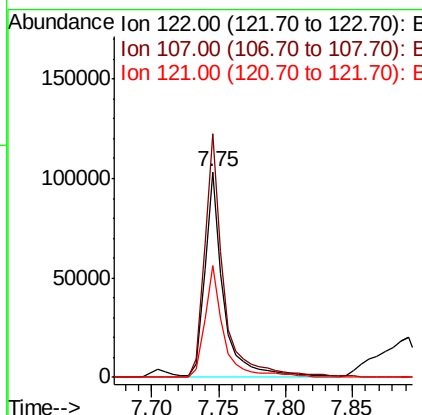
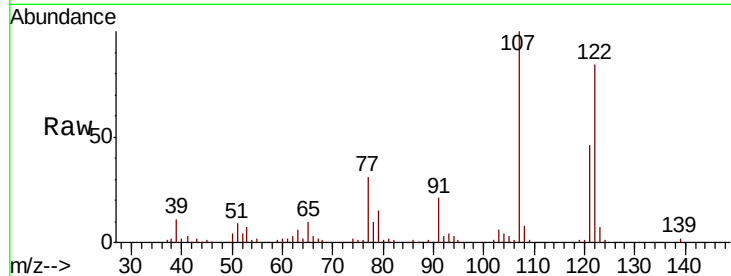




#27
2,4-Dimethylphenol
Concen: 41.787 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

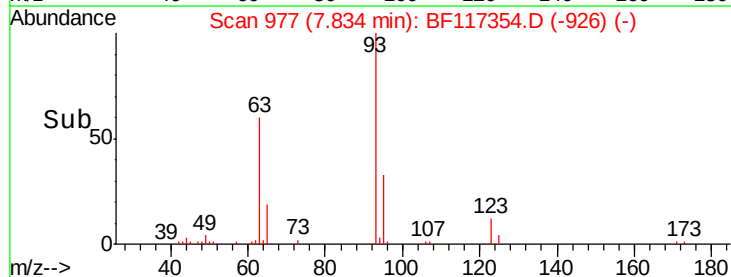
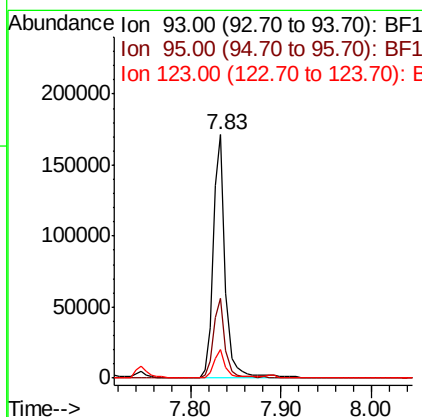
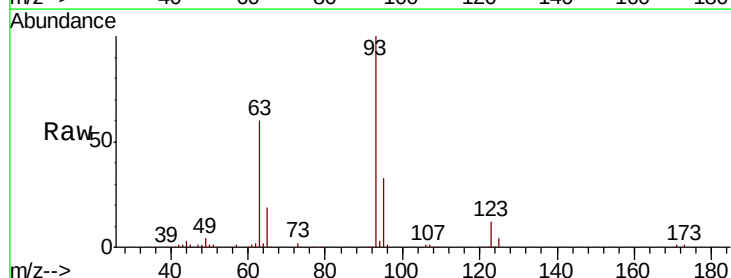
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

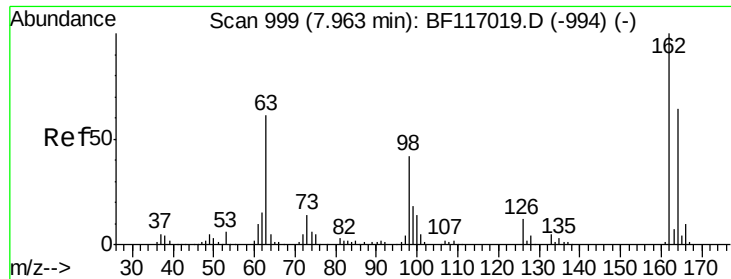
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	98.9	148.3
121	54.3	45.3	67.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.992 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.7	9.0	13.6

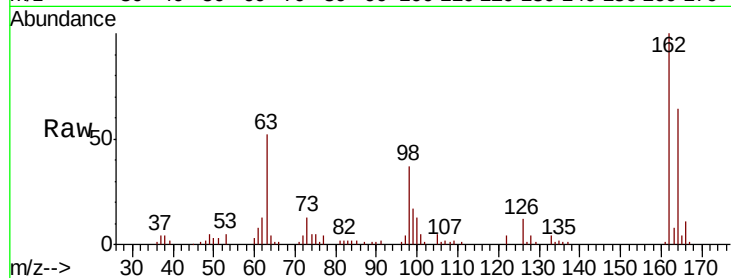




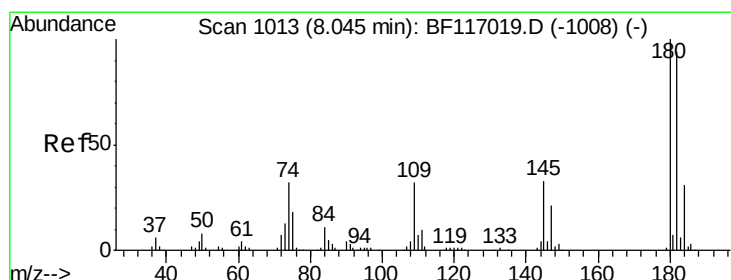
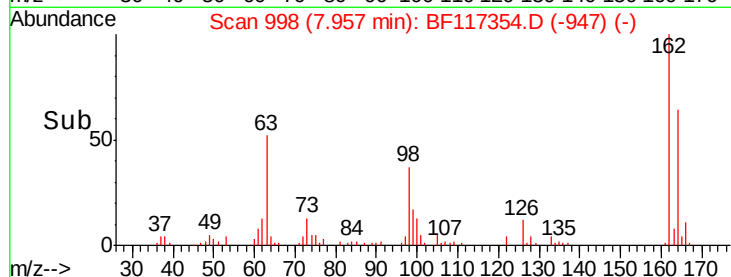
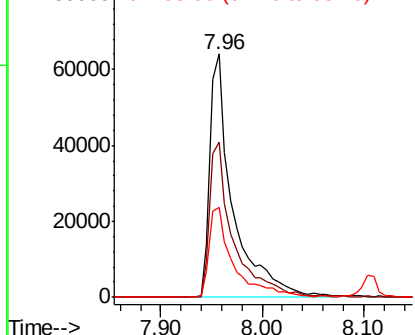
#29
2,4-Dichlorophenol
Concen: 41.031 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 101072
Ion Ratio Lower Upper
162 100
164 63.7 43.8 83.8
98 37.1 22.1 62.1

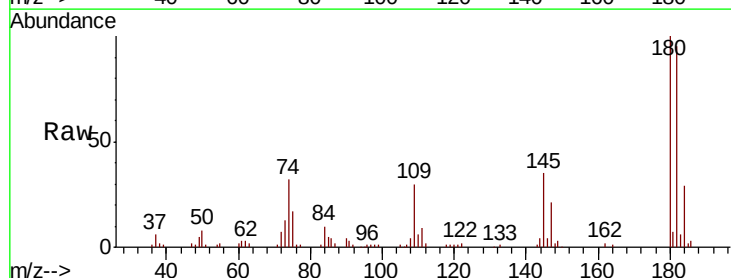


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

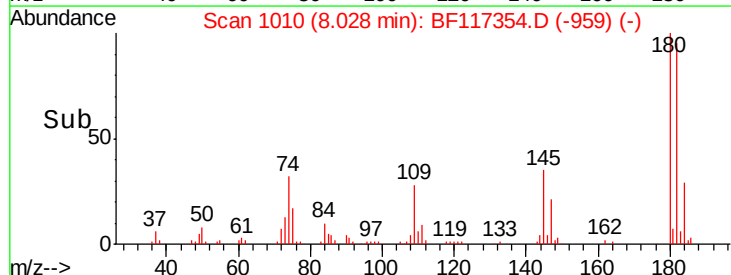
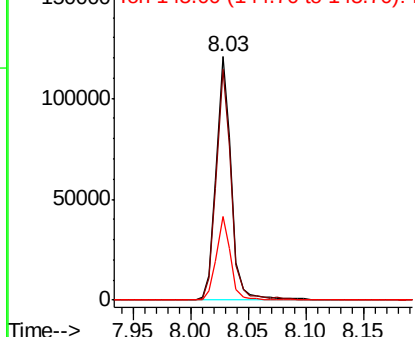


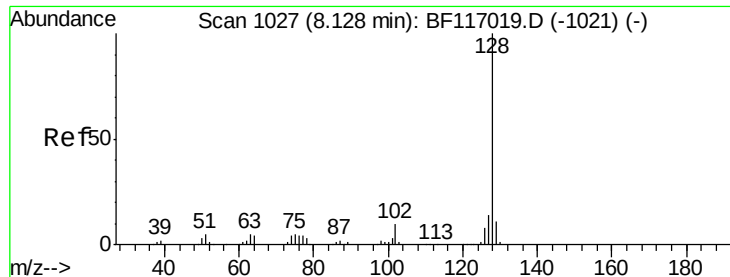
#30
1,2,4-Trichlorobenzene
Concen: 41.088 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:180 Resp: 109347
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.0
145 34.6 26.7 40.1



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

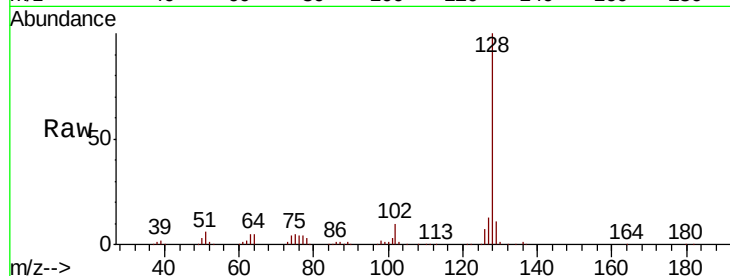




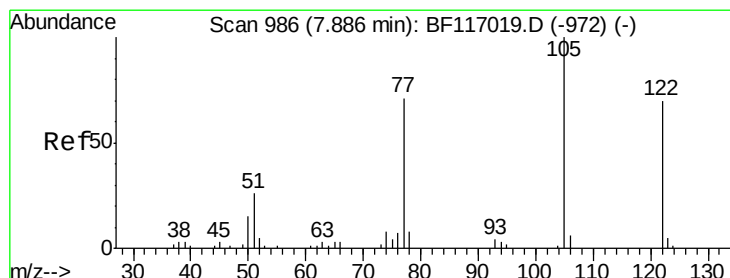
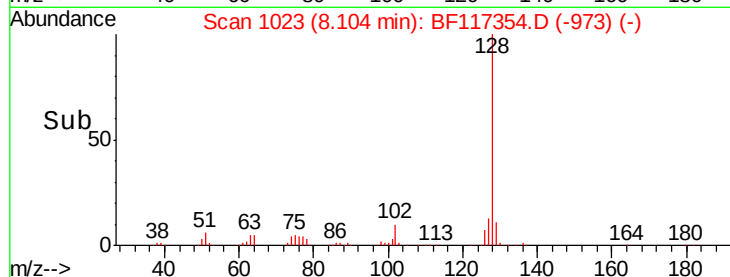
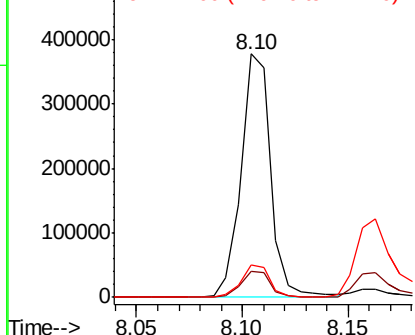
#31
Naphthalene
Concen: 41.764 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 368832
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.8 16.2

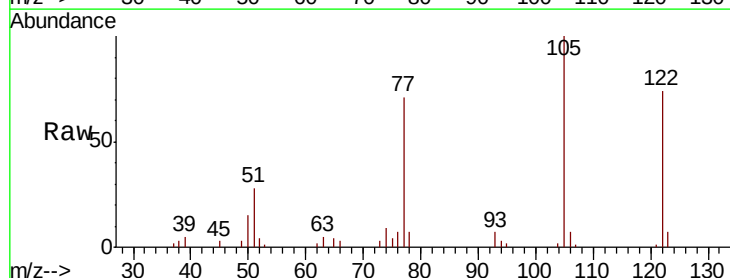


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

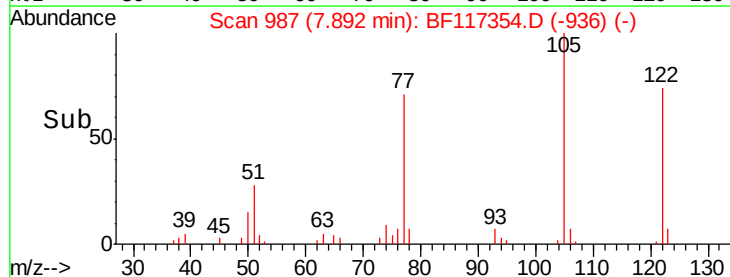
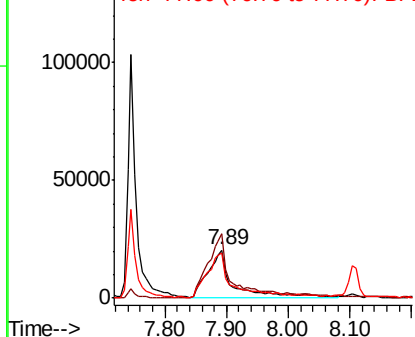


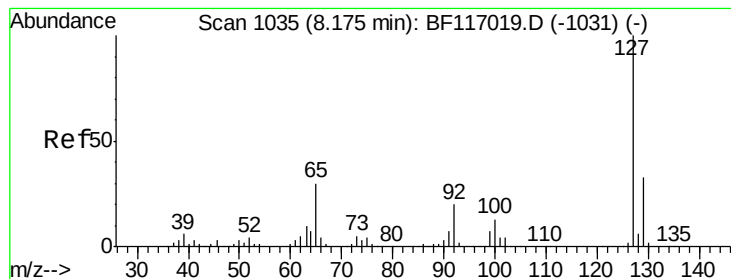
#32
Benzoic acid
Concen: 34.677 ng m
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:122 Resp: 57790
Ion Ratio Lower Upper
122 100
105 135.2 114.8 154.8
77 95.6 78.7 118.7



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: 40.985 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

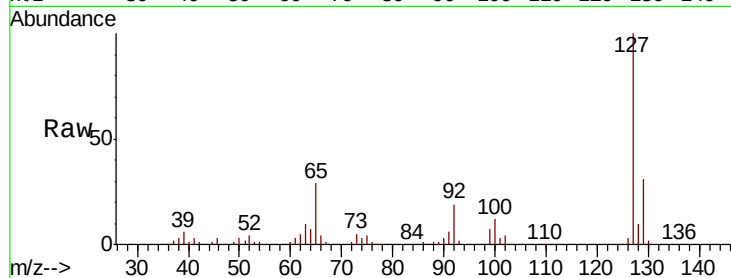
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	127	Resp:	160537
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.2
65	28.5	23.5	35.3
92	19.2	15.9	23.9

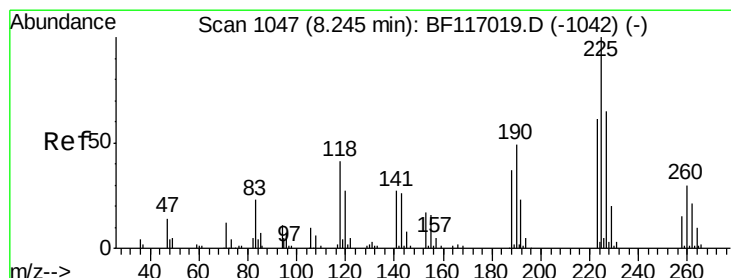
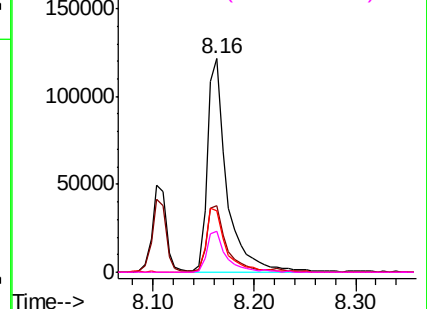
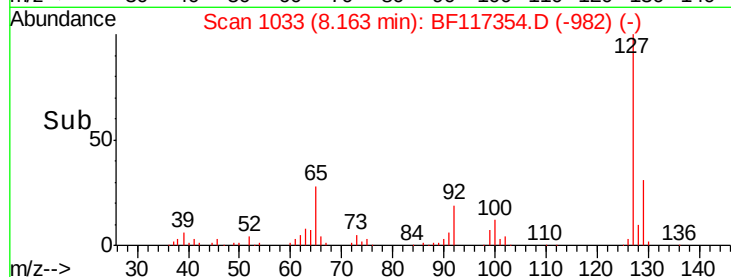


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.242 ng

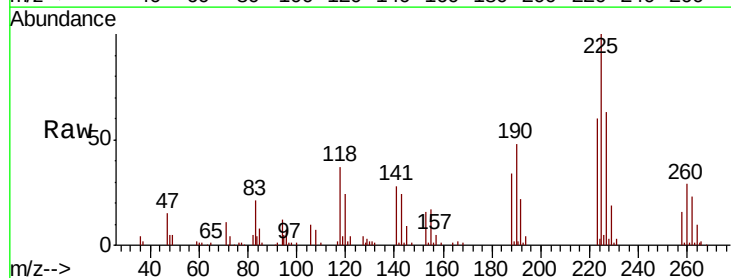
RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

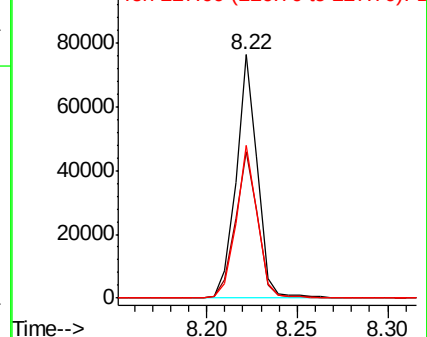
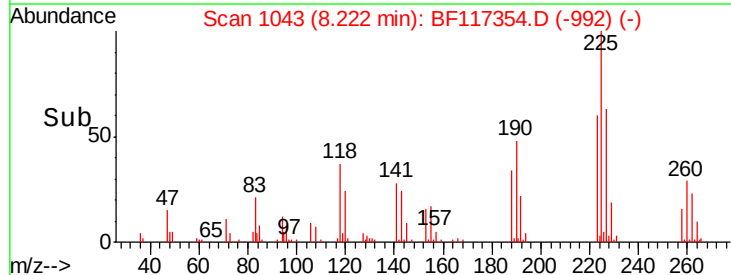
Tgt Ion:	225	Resp:	62269
Ion	Ratio	Lower	Upper
225	100		
223	60.3	49.1	73.7
227	62.9	52.2	78.2

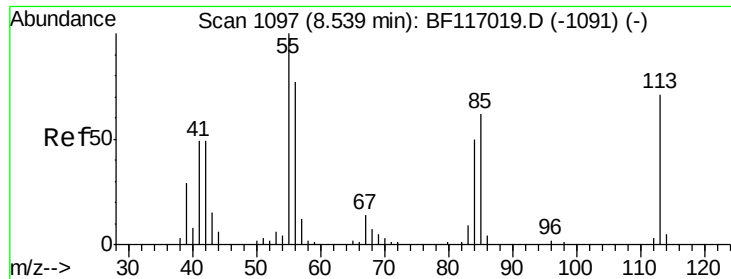


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

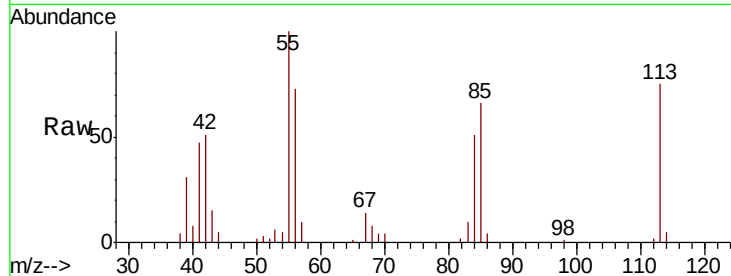




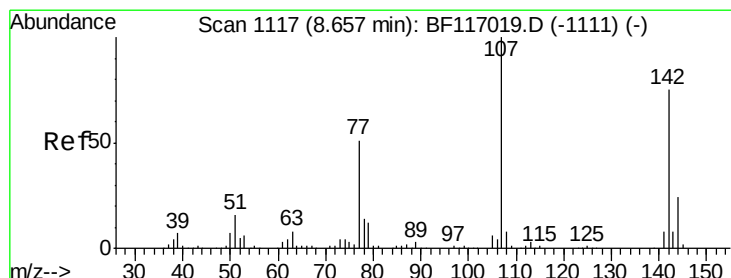
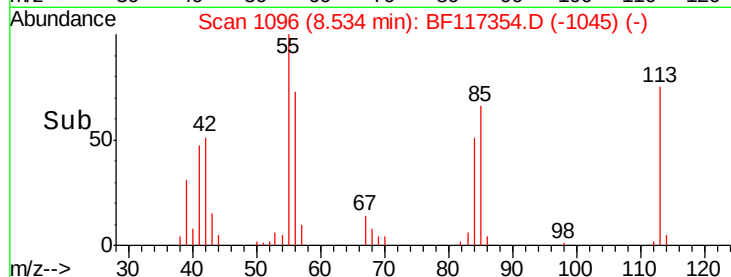
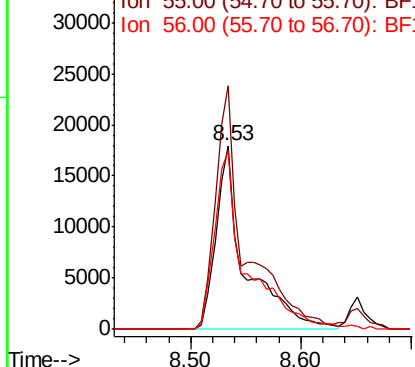
#35
Caprolactam
Concen: 39.818 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 33199
Ion Ratio Lower Upper
113 100
55 132.6 120.6 160.6
56 97.4 88.8 128.8

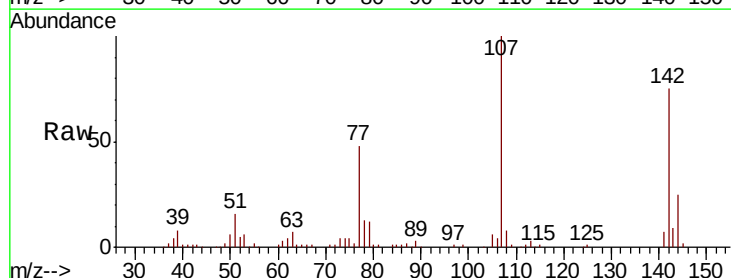


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

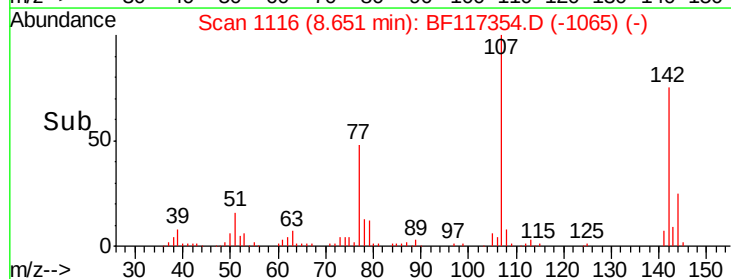
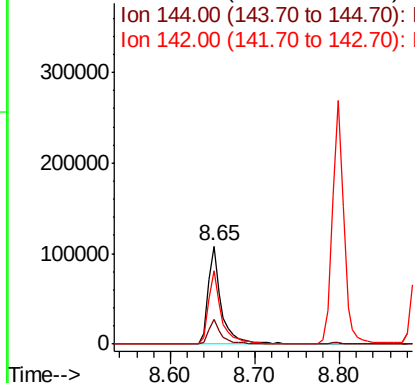


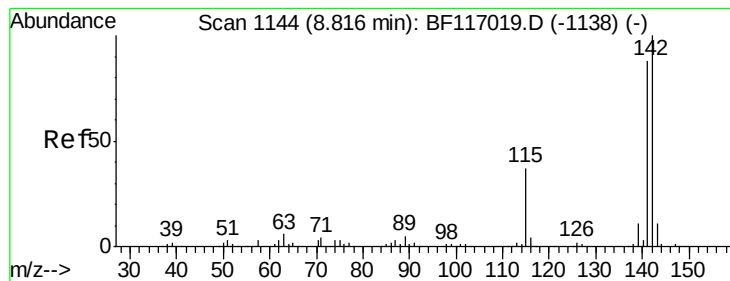
#36
4-Chloro-3-methylphenol
Concen: 40.875 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:107 Resp: 117402
Ion Ratio Lower Upper
107 100
144 24.9 19.2 28.8
142 74.8 59.6 89.4



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





#37

2-Methylnaphthalene

Concen: 41.986 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

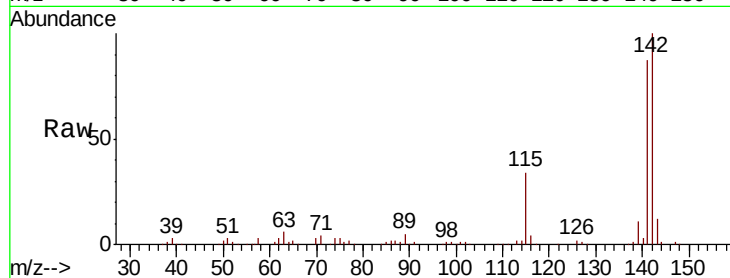
Tot Ion:142 Resp: 249691

Ion Ratio Lower Upper

142 100

141 87.3 70.7 106.1

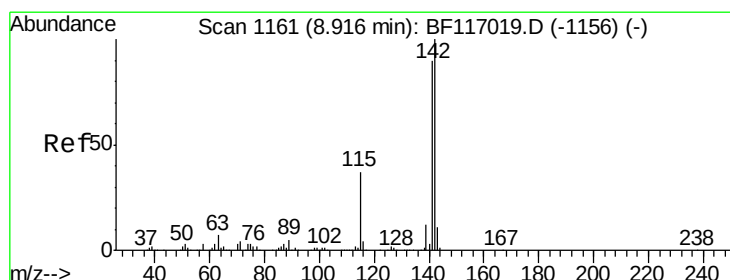
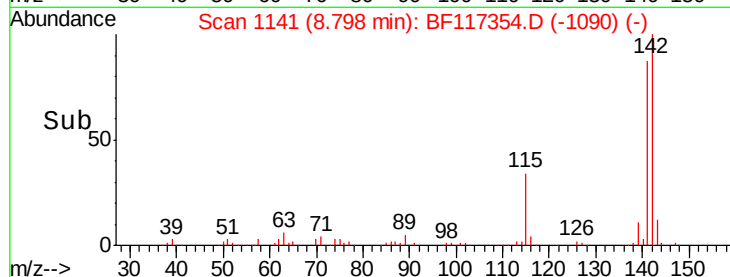
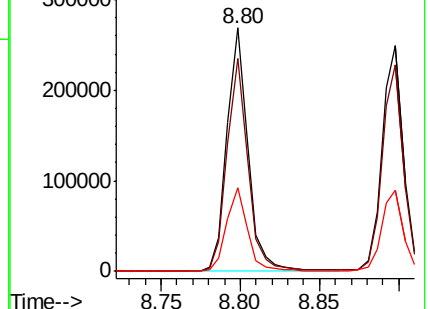
115 34.1 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.288 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

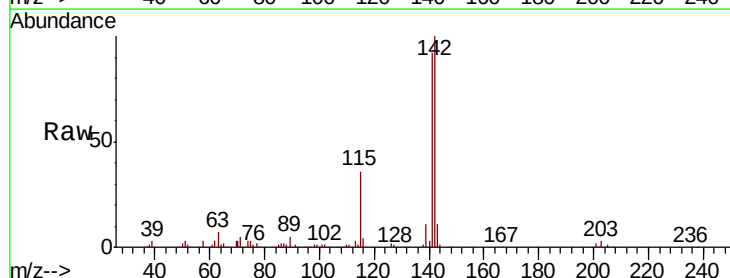
Tgt Ion:142 Resp: 235539

Ion Ratio Lower Upper

142 100

141 91.5 71.9 107.9

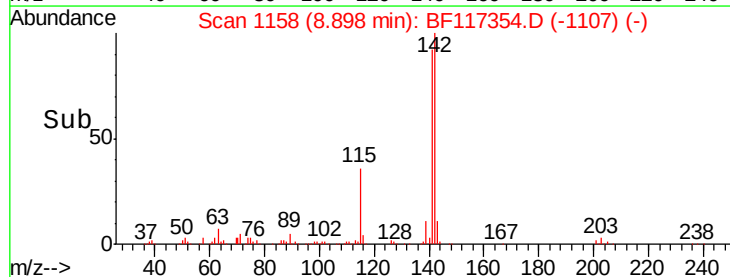
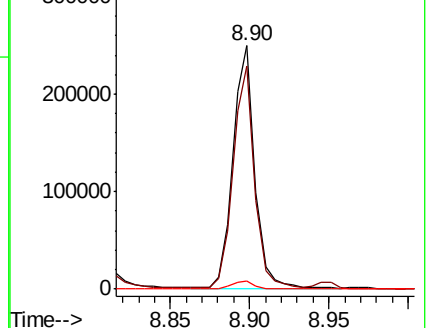
116 3.6 3.2 4.8

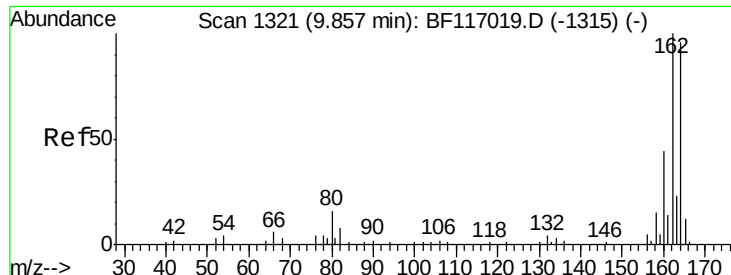


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

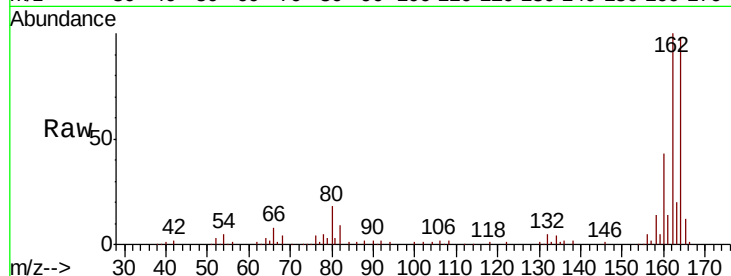
Tot Ion:164 Resp: 92799

Ion Ratio Lower Upper

164 100

162 102.1 83.4 125.2

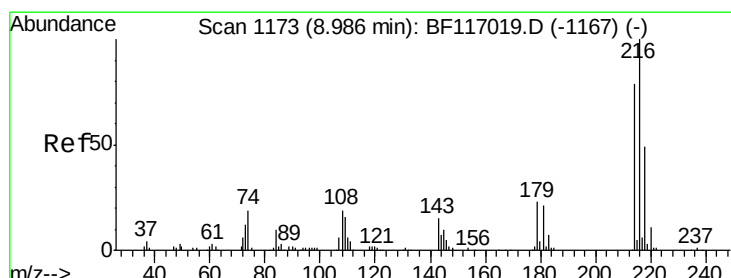
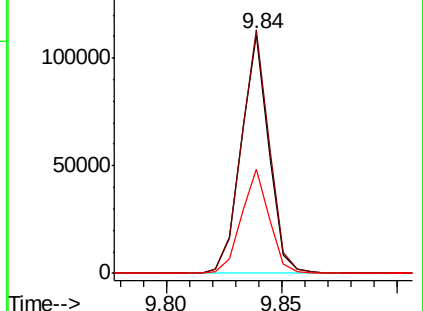
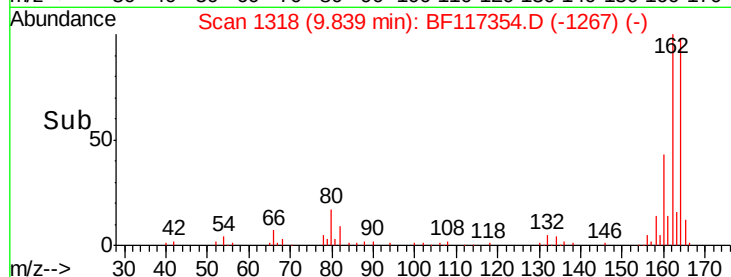
160 43.8 36.4 54.6



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: 43.294 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Tgt Ion:216 Resp: 103747

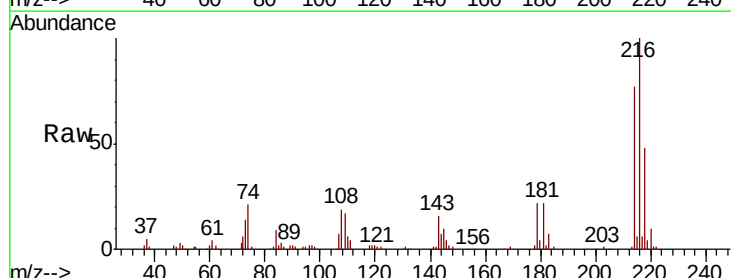
Ion Ratio Lower Upper

216 100

214 77.1 63.6 95.4

179 22.4 18.3 27.5

108 21.3 17.8 26.6

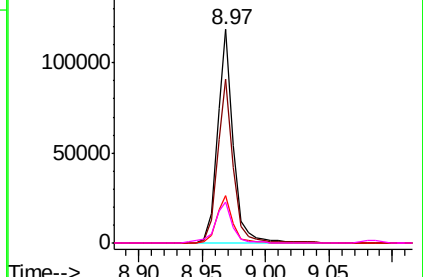
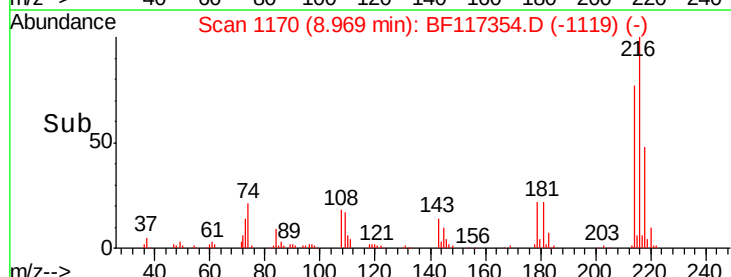


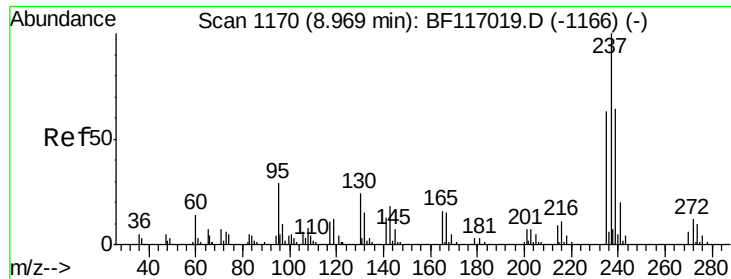
Abundance Ion 216.00 (215.70 to 216.70): E

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

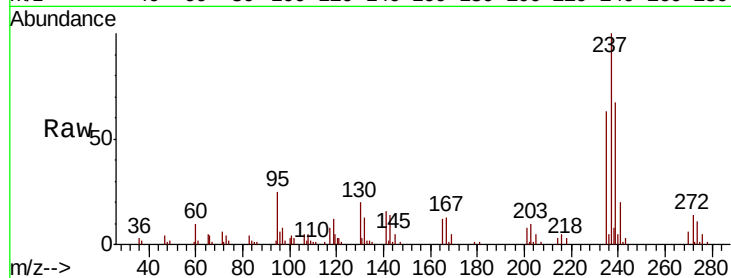




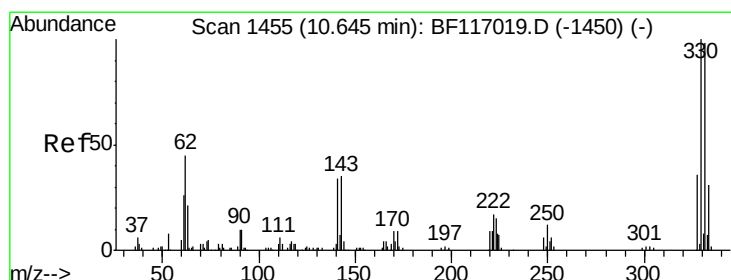
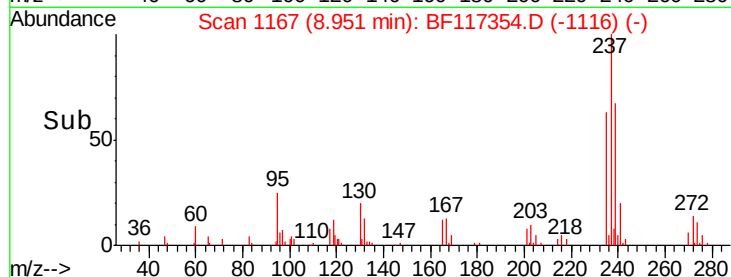
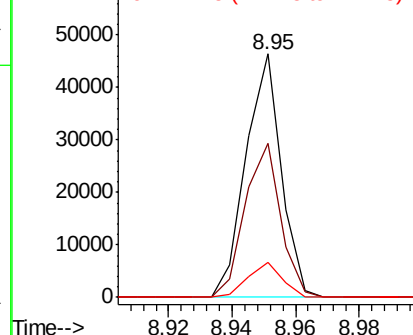
#41
Hexachlorocyclopentadiene
Concen: 38.343 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 35815
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 14.3 0.0 31.9

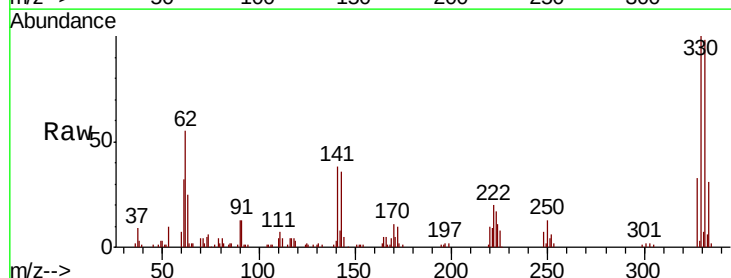


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

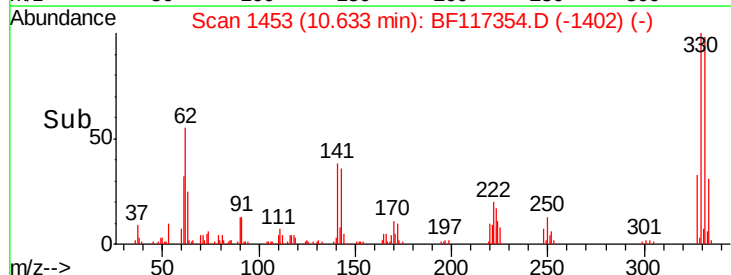
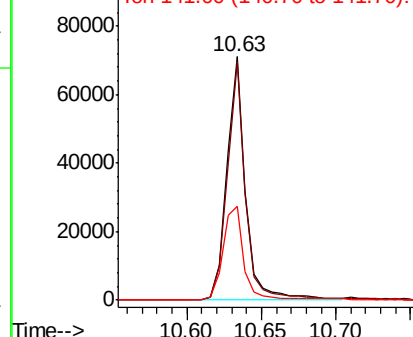


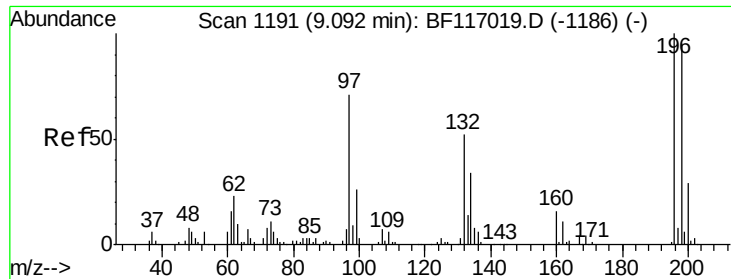
#42
2,4,6-Tribromophenol
Concen: 81.618 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:330 Resp: 63302
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 42.4 35.8 53.6



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

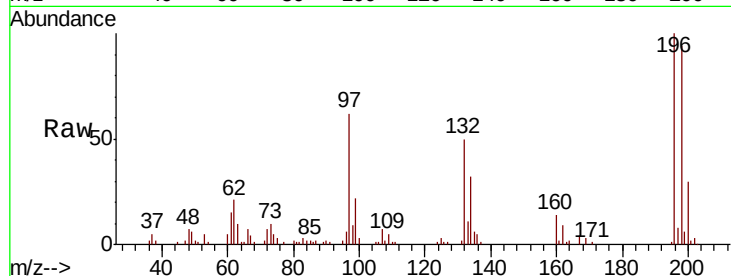




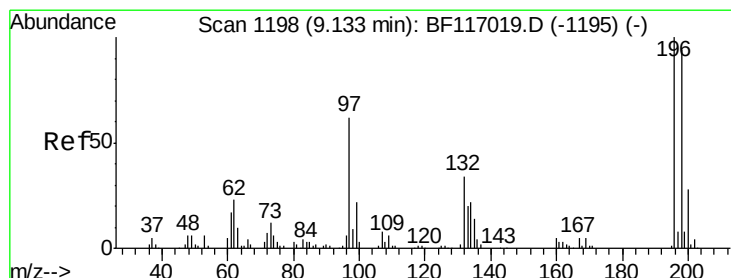
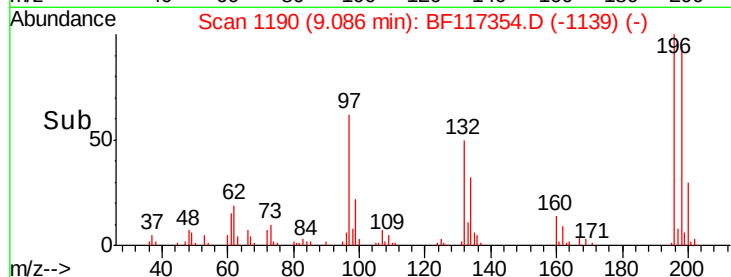
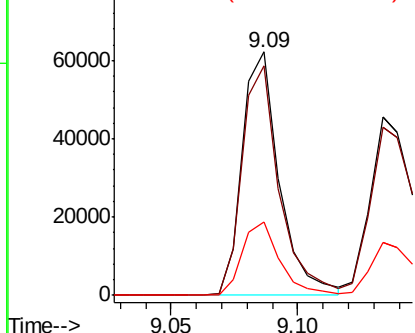
#43
 2,4,6-Trichlorophenol
 Concen: 39.112 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 63605
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.0 23.3 34.9

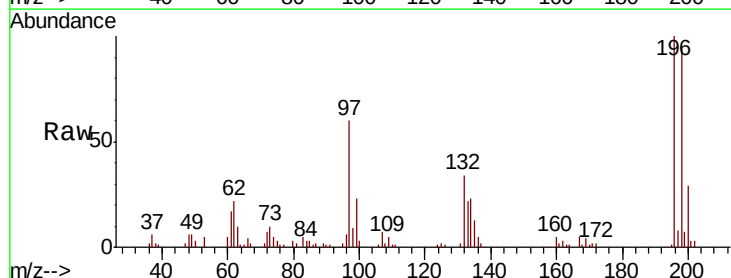


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

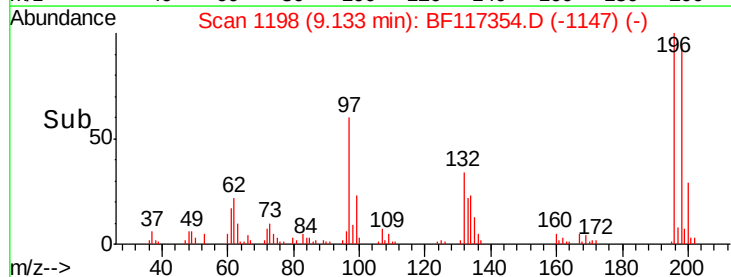
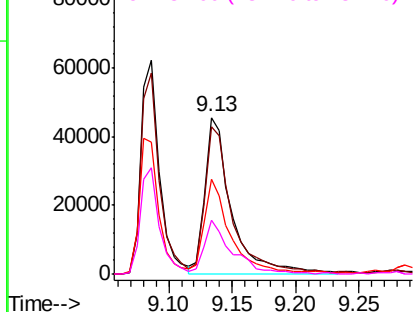


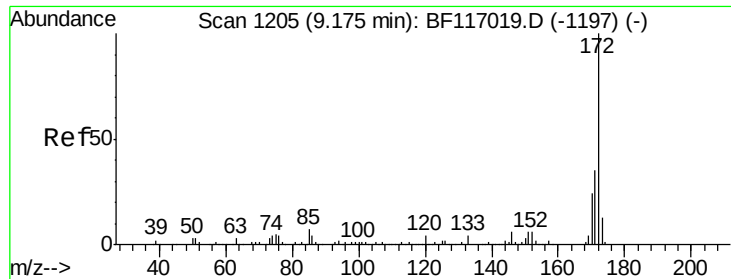
#44
 2,4,5-Trichlorophenol
 Concen: 38.757 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Tgt Ion:196 Resp: 67338
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 60.3 49.5 74.3
 132 34.5 27.4 41.2



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

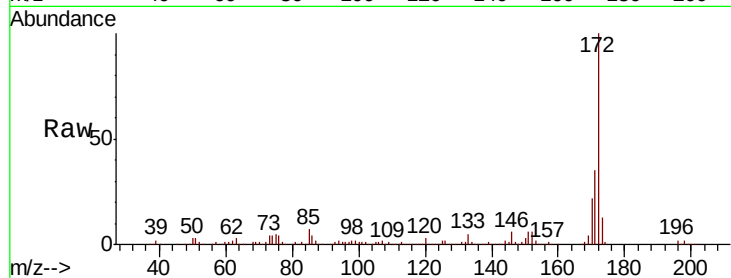




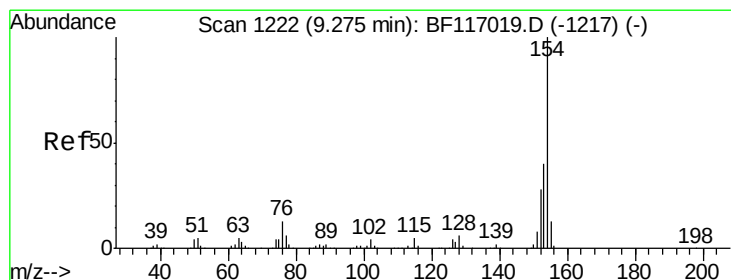
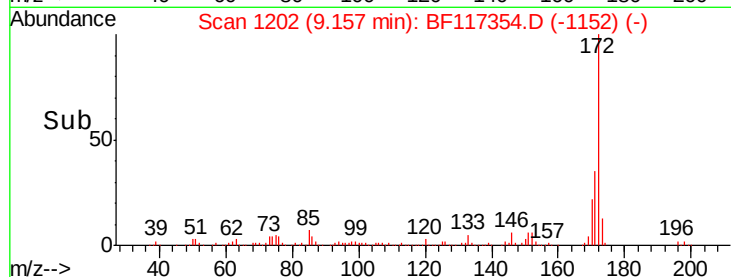
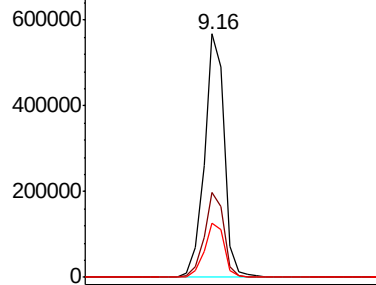
#45
2-Fluorobiphenyl
Concen: 89.385 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.4	18.9	28.3

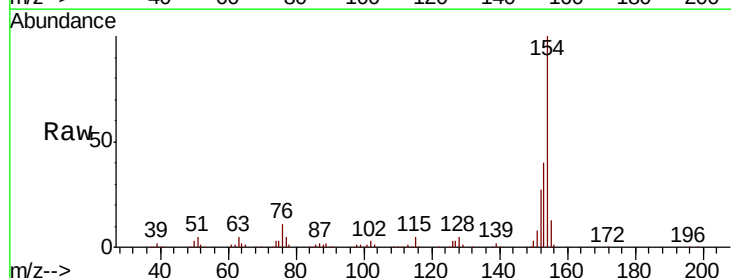


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

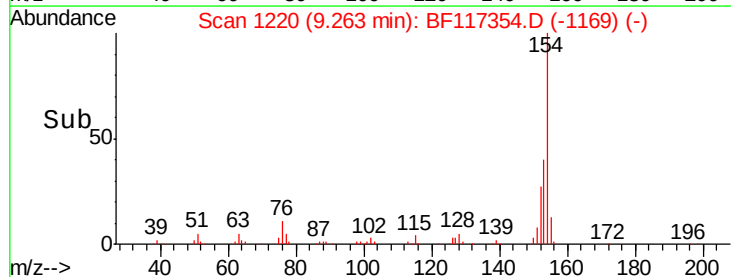
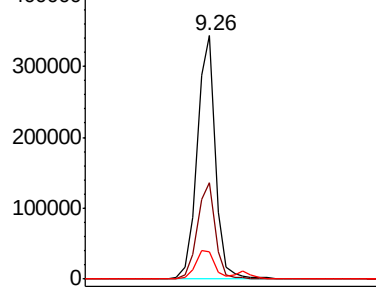


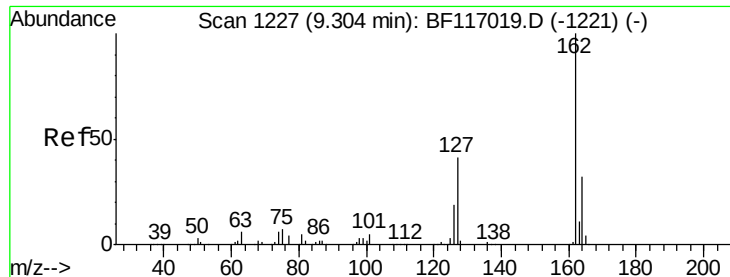
#46
1,1'-Biphenyl
Concen: 42.194 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	11.3	0.0	32.7



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

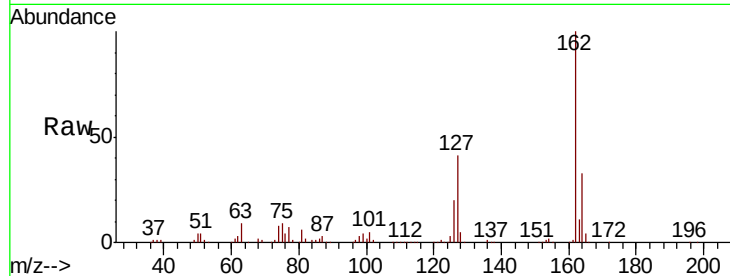




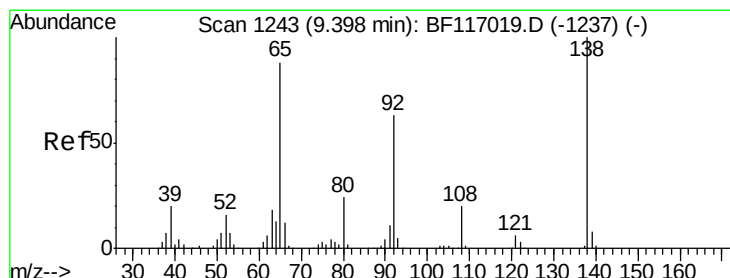
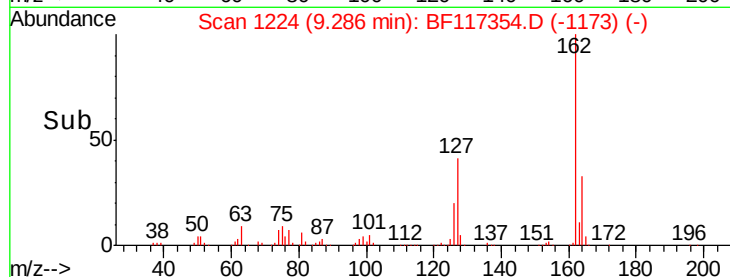
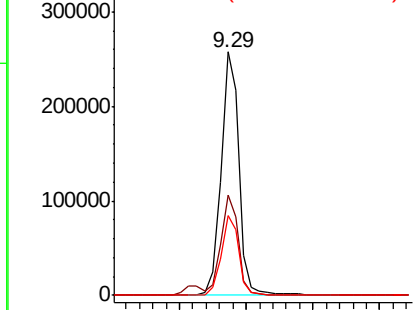
#47
 2-Chloronaphthalene
 Concen: 42.319 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	243112
Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.1	51.1
164	32.8	25.9	38.9

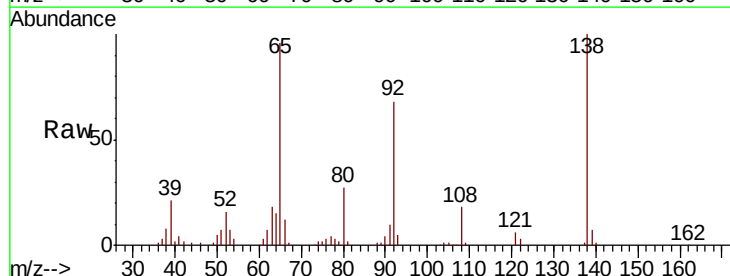


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

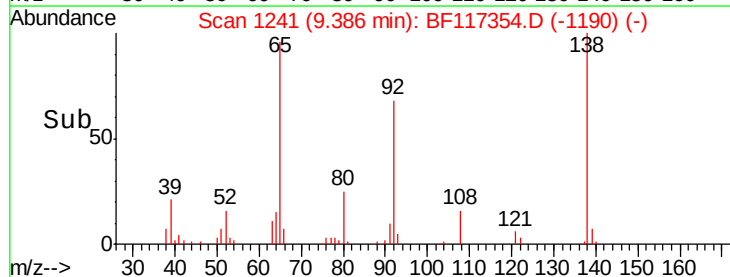
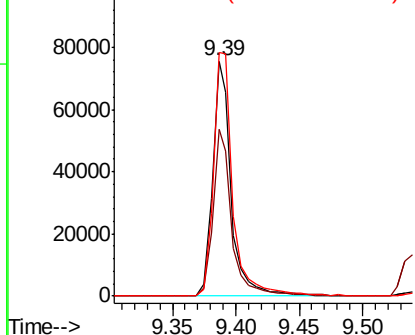


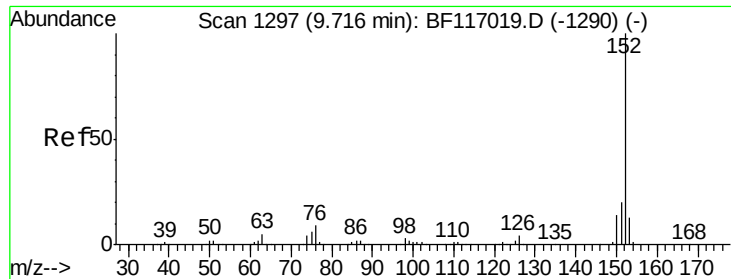
#48
 2-Nitroaniline
 Concen: 42.481 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Tgt Ion:	65	Resp:	78278
Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.5	86.3
138	103.6	90.6	136.0



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





#49

Acenaphthylene

Concen: 42.232 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

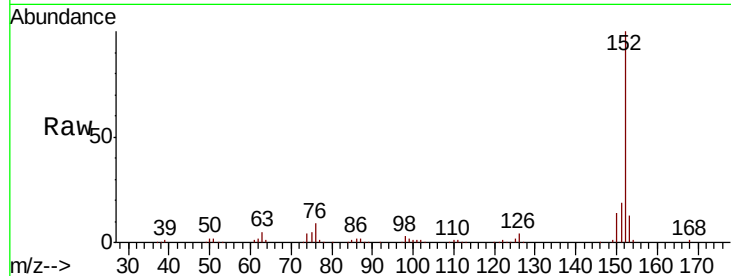
Tot Ion:152 Resp: 363449

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

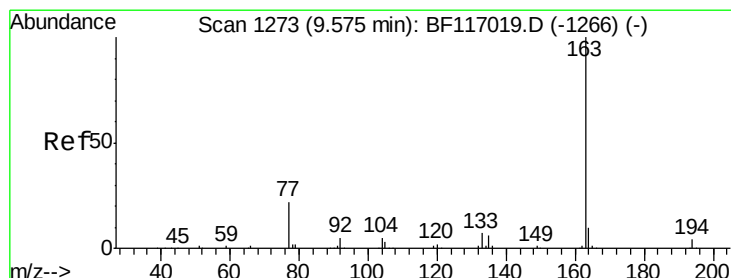
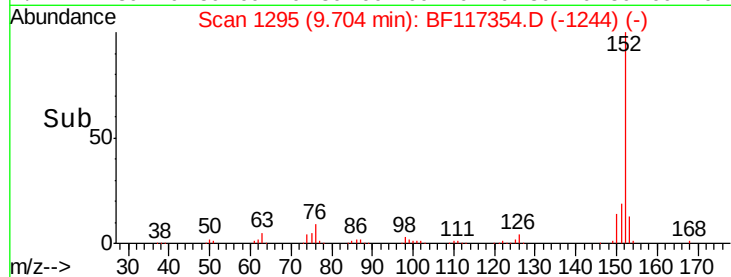
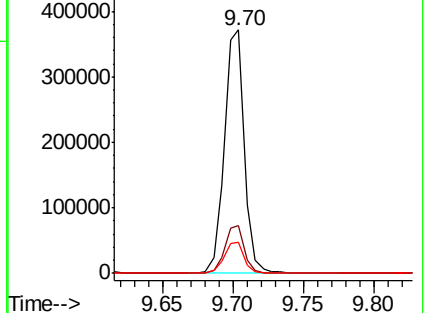
153 12.7 10.2 15.4



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: 41.682 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

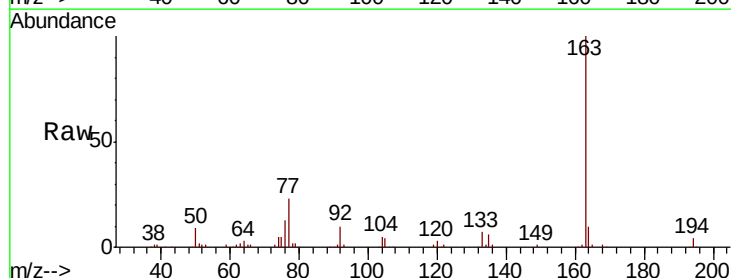
Tgt Ion:163 Resp: 273880

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

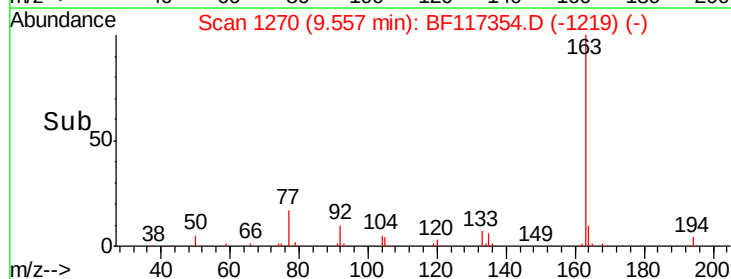
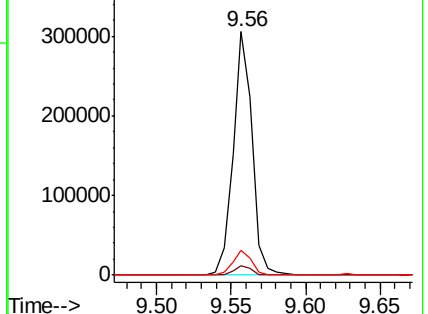
164 9.9 8.2 12.4

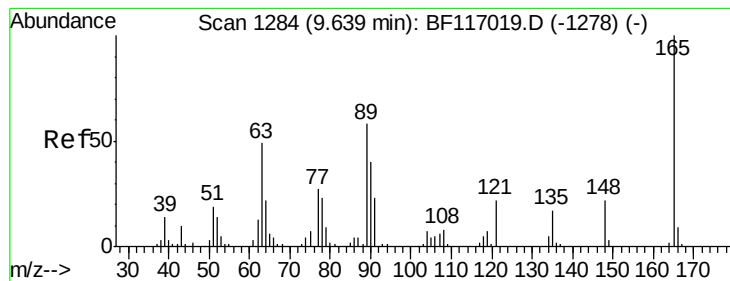


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.951 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

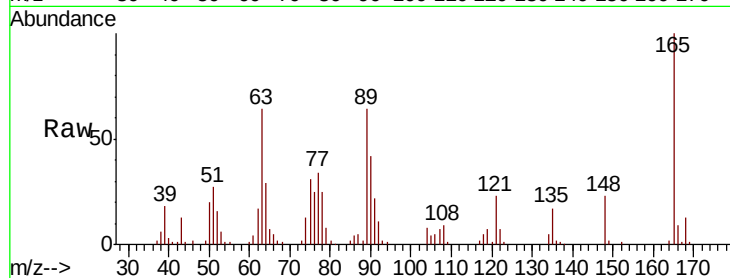
Tot Ion:165 Resp: 57478

Ion Ratio Lower Upper

165 100

63 63.5 41.8 62.8#

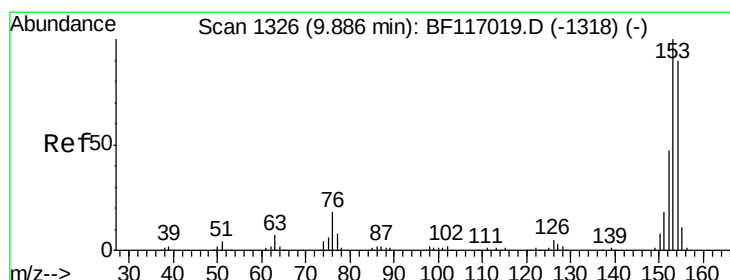
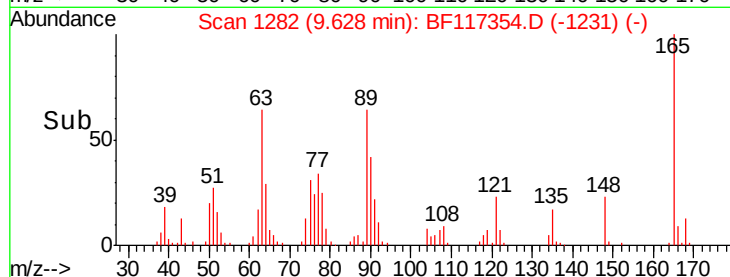
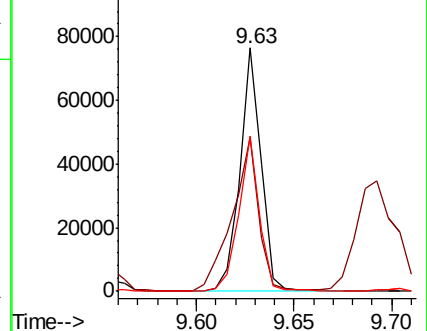
89 63.5 46.5 69.7



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: 42.333 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

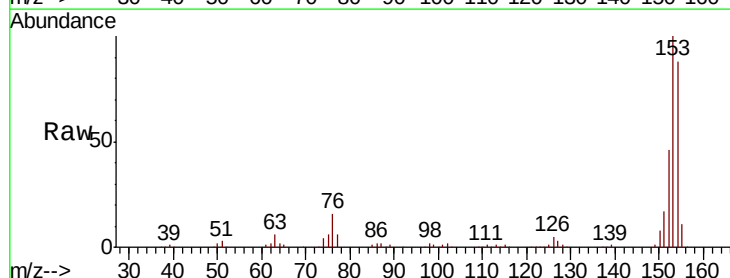
Tgt Ion:154 Resp: 215963

Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.6

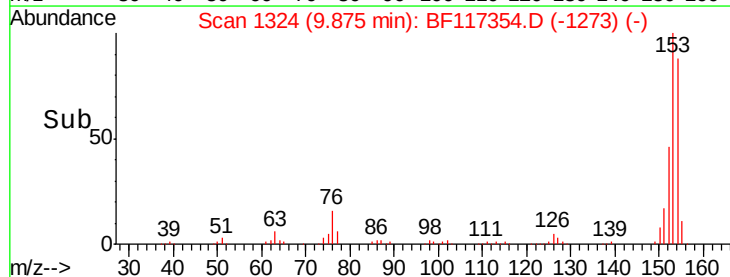
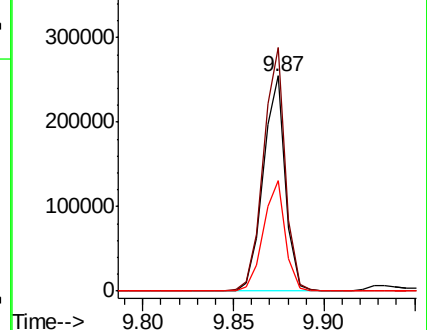
152 51.5 41.9 62.9

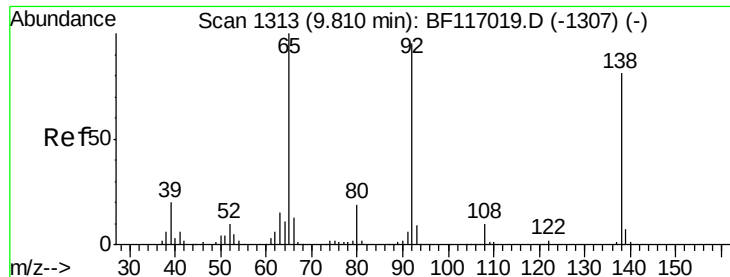


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

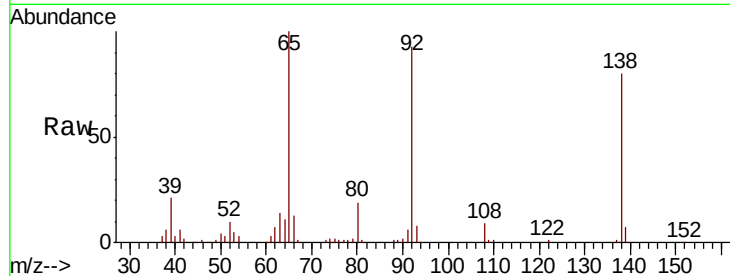




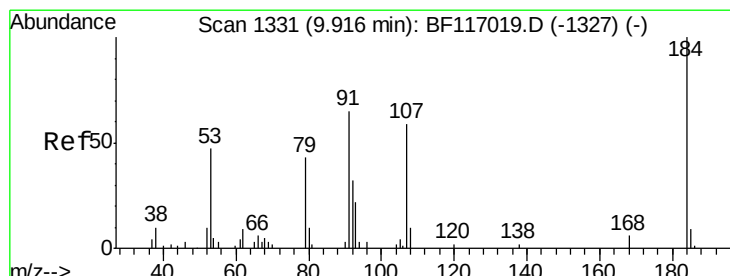
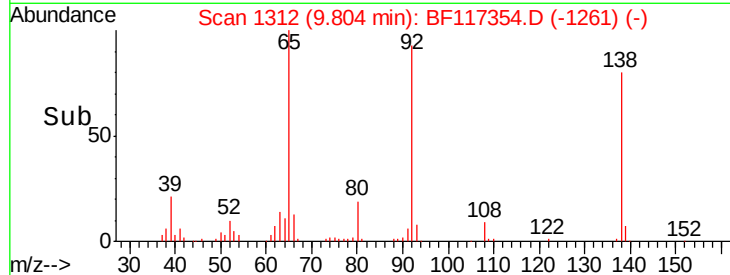
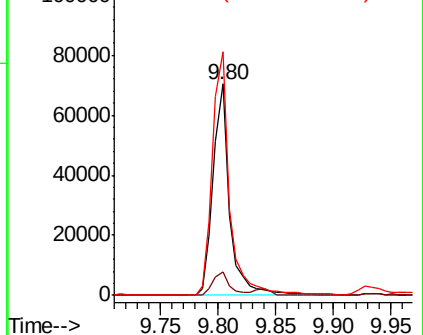
#53
3-Nitroaniline
Concen: 41.797 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 70571
Ion Ratio Lower Upper
138 100
108 11.0 9.5 14.3
92 115.2 94.1 141.1

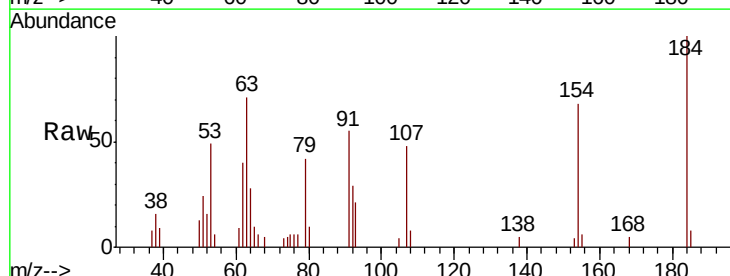


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

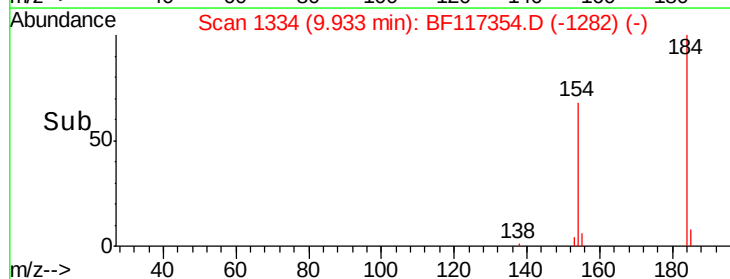
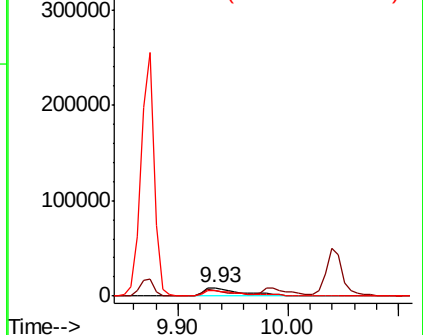


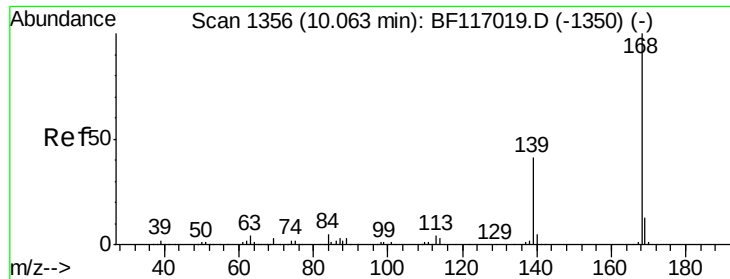
#54
2,4-Dinitrophenol
Concen: 42.085 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:184 Resp: 21483
Ion Ratio Lower Upper
184 100
63 70.8 63.8 95.6
154 68.1 60.4 90.6



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

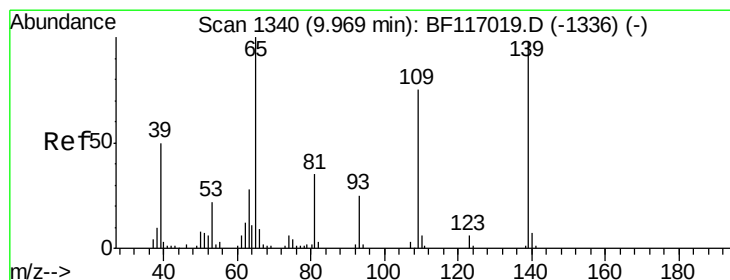
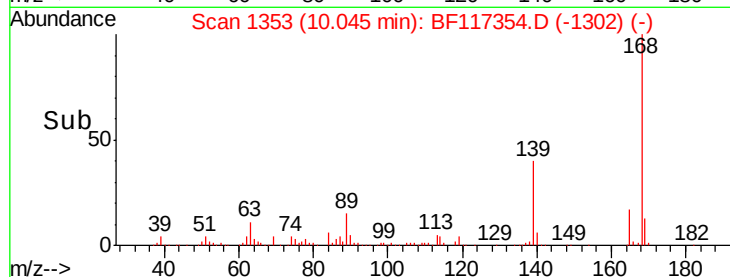
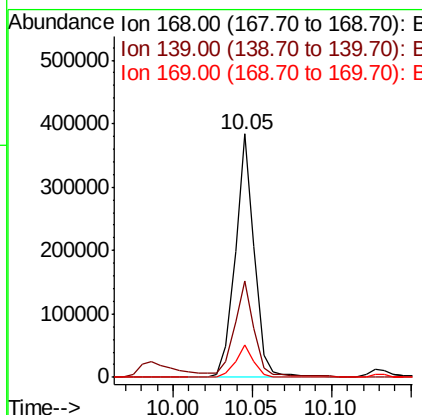
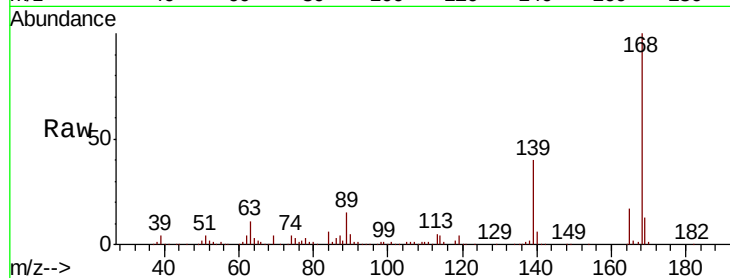




#55
Dibenzofuran
Concen: 42.459 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

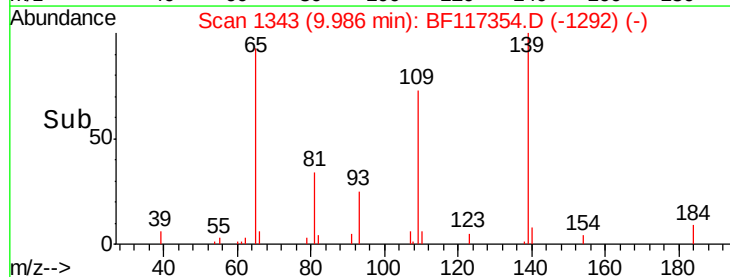
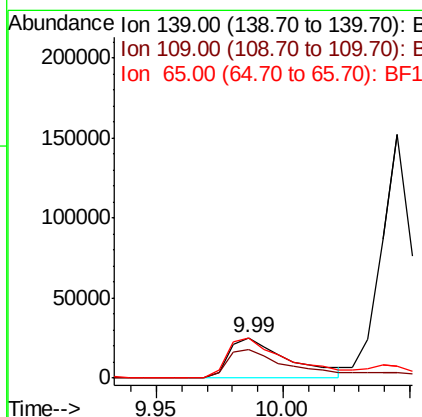
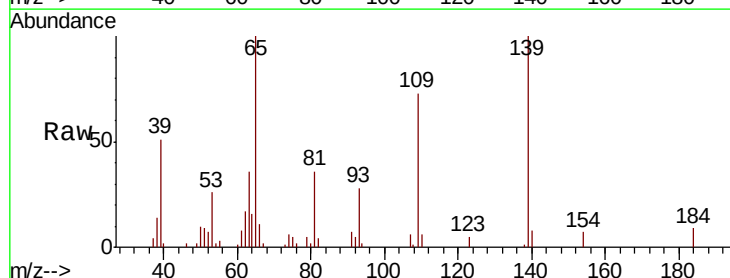
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

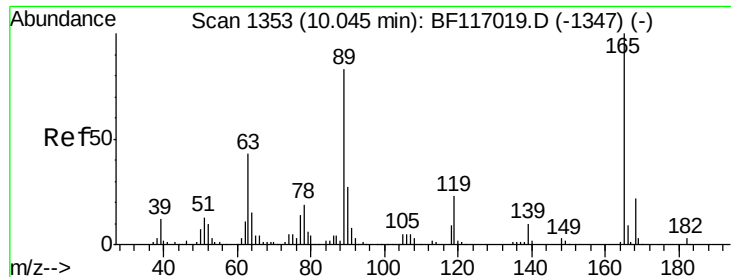
Tot Ion:168 Resp: 319586
Ion Ratio Lower Upper
168 100
139 39.6 32.8 49.2
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 37.186 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:139 Resp: 40693
Ion Ratio Lower Upper
139 100
109 72.8 56.4 96.4
65 99.6 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 45.293 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 78679

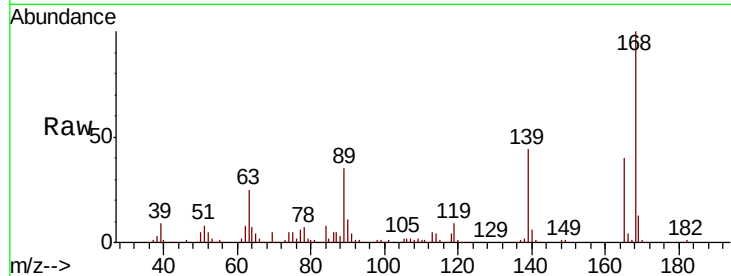
Ion Ratio Lower Upper

165 100

63 63.4 35.0 52.4#

89 86.2 66.1 99.1

182 2.3 2.0 3.0

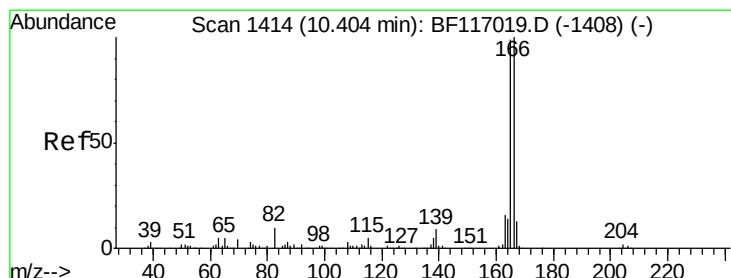
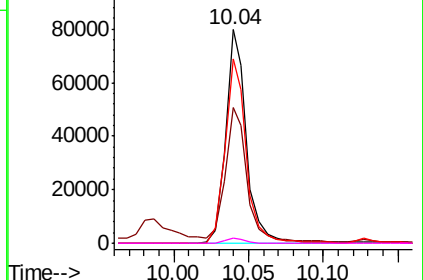
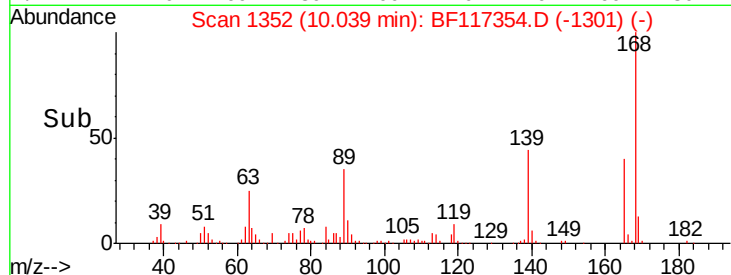


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.872 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

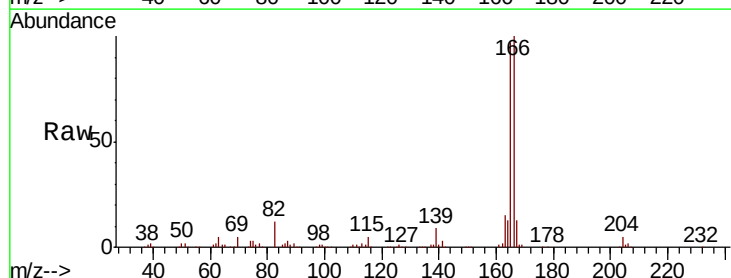
Tgt Ion:166 Resp: 266003

Ion Ratio Lower Upper

166 100

165 96.7 78.9 118.3

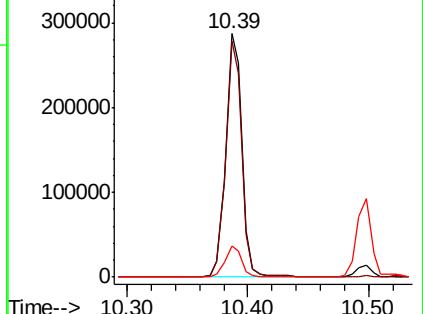
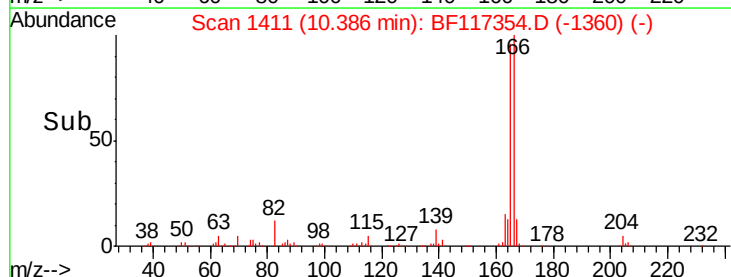
167 12.9 10.6 15.8

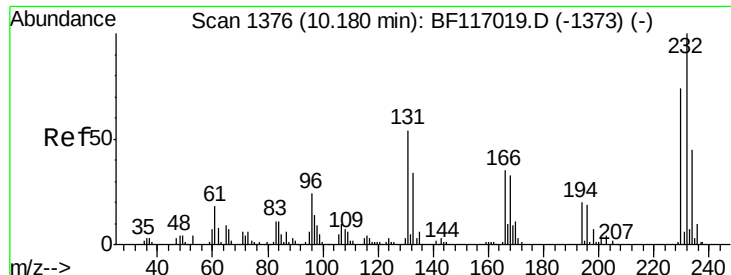


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

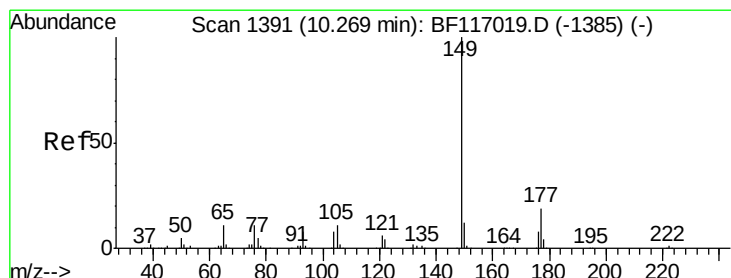
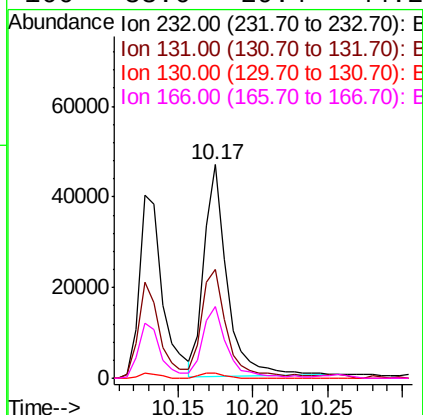
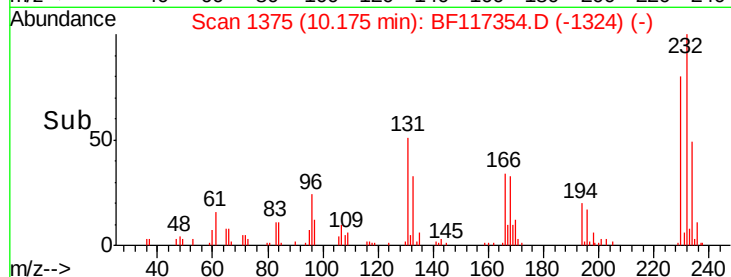
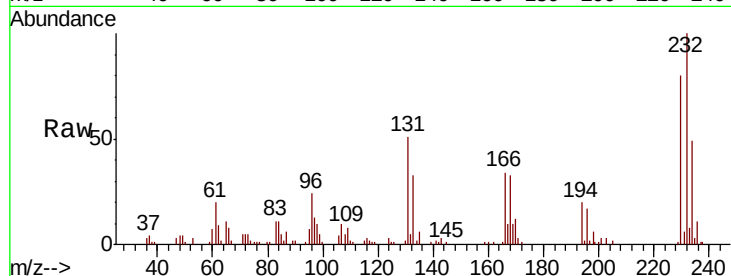




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.813 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

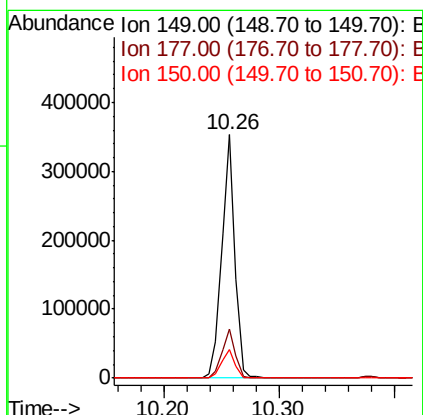
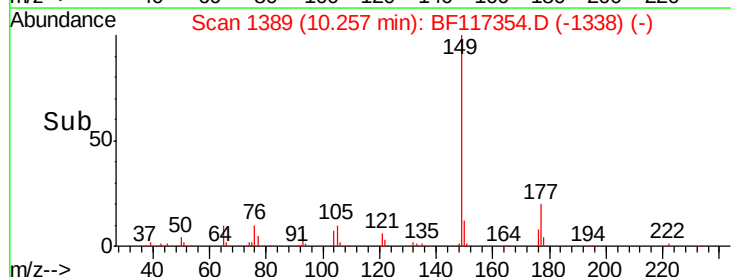
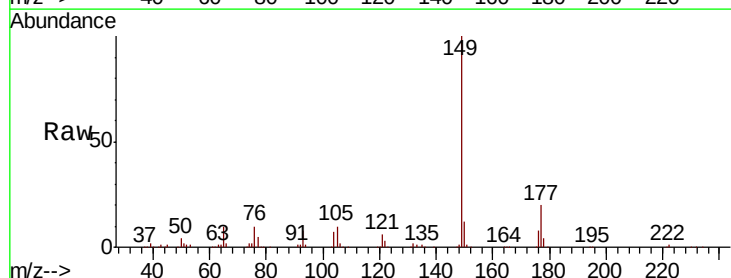
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

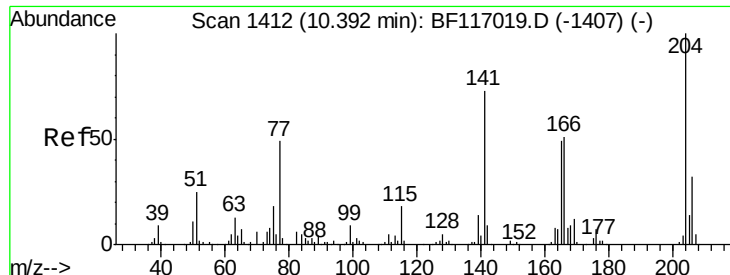
Tot Ion:232 Resp: 50276
 Ion Ratio Lower Upper
 232 100
 131 56.6 45.3 67.9
 130 2.5 1.8 2.8
 166 33.6 29.4 44.2



#60
 Diethylphthalate
 Concen: 43.042 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Tgt Ion:149 Resp: 278237
 Ion Ratio Lower Upper
 149 100
 177 20.1 15.2 22.8
 150 11.9 9.9 14.9

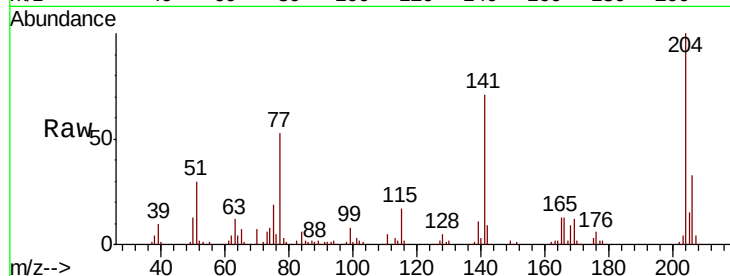




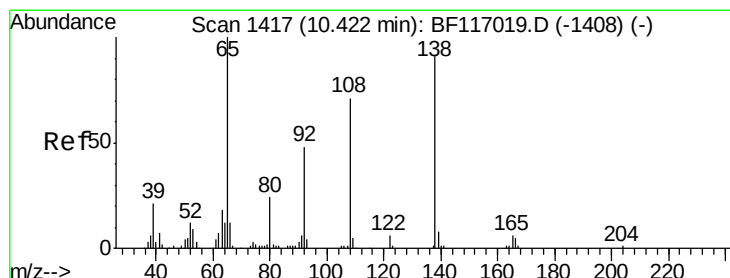
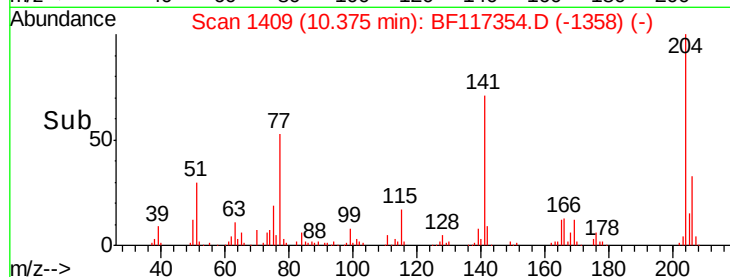
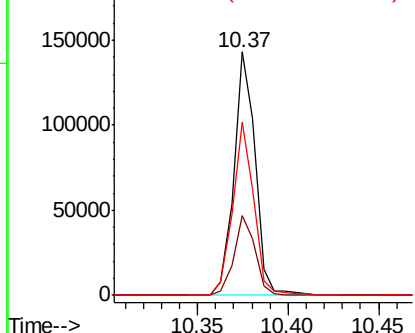
#61
4-Chlorophenyl-phenylether
Concen: 44.699 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 117261
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 71.0 58.2 87.2

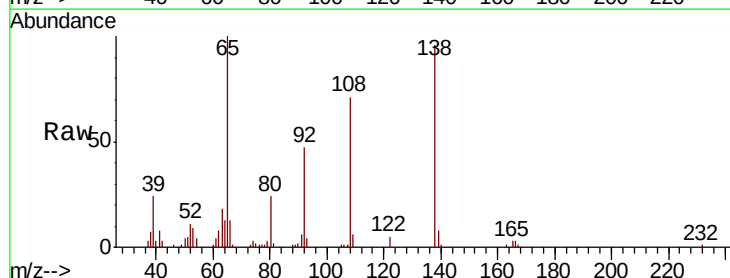


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

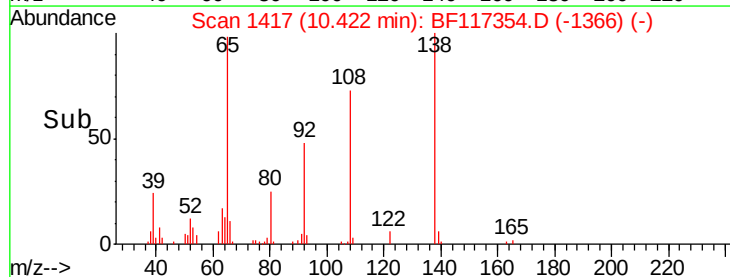
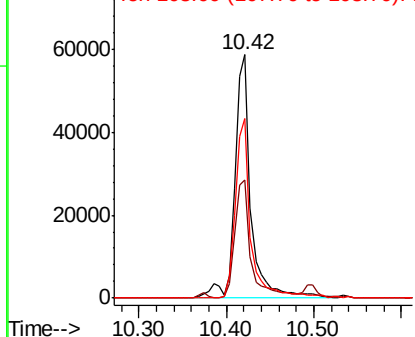


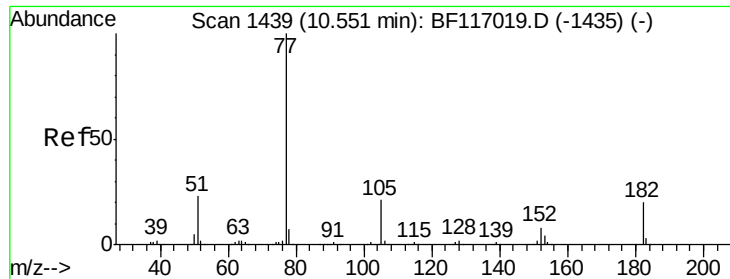
#62
4-Nitroaniline
Concen: 42.038 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:138 Resp: 73814
Ion Ratio Lower Upper
138 100
92 48.4 32.9 72.9
108 74.0 58.3 98.3



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

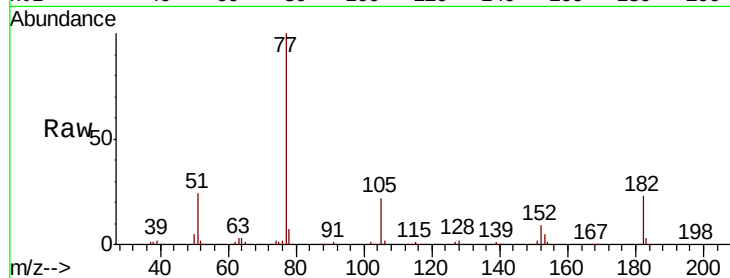




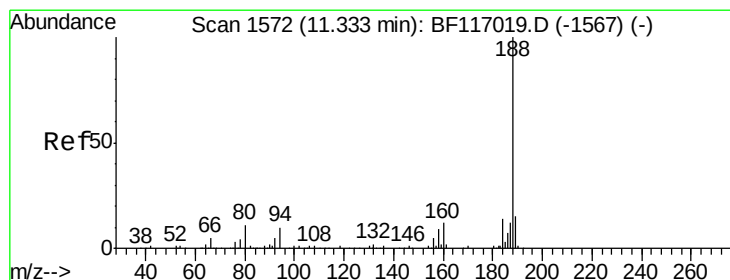
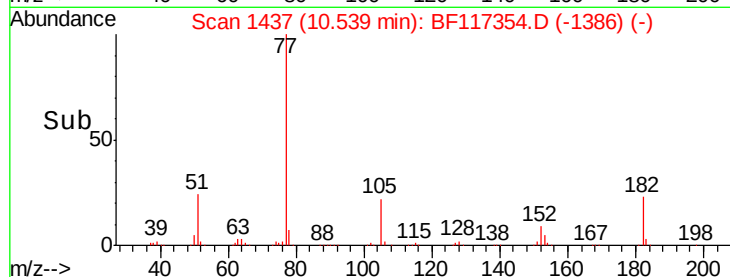
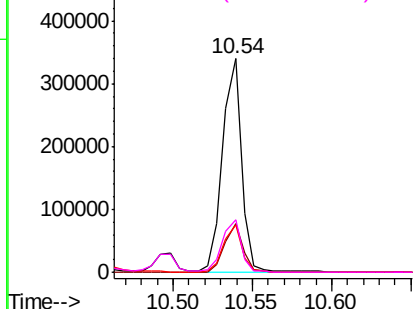
#63
Azobenzene
Concen: 42.575 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	23.1	0.4	40.4
105	105	22.0	0.9	40.9
51	51	24.3	2.8	42.8

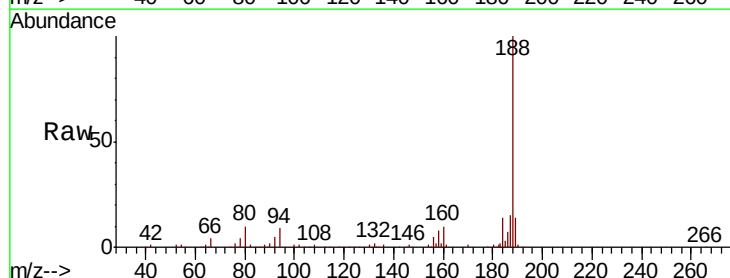


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

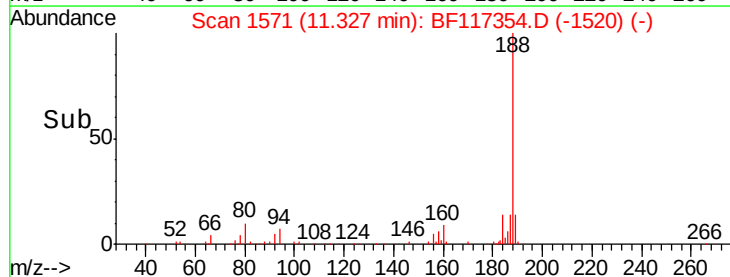
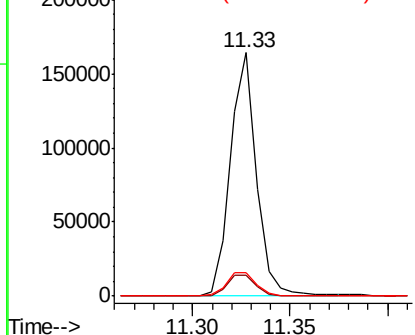


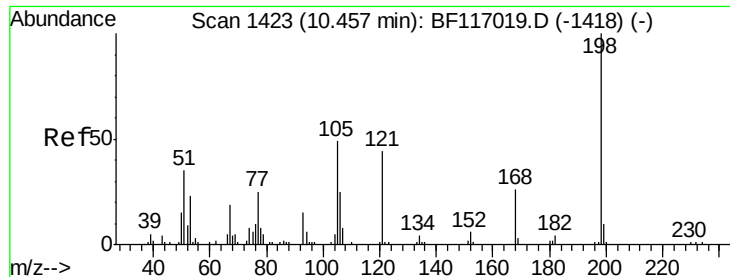
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	8.8	8.2	12.2
80	80	9.7	9.0	13.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.092 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

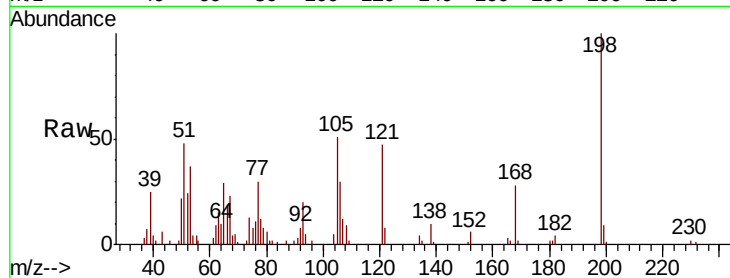
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 28495

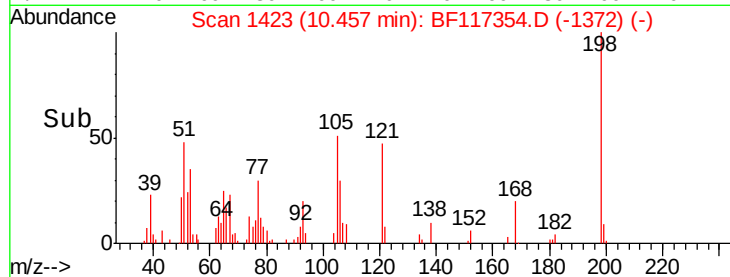
Ion	Ratio	Lower	Upper
198	100		
51	47.9	18.7	58.7
105	50.9	30.2	70.2



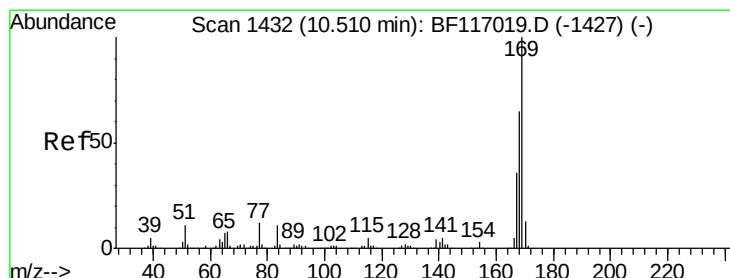
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 43.044 ng

RT: 10.50 min Scan# 1430

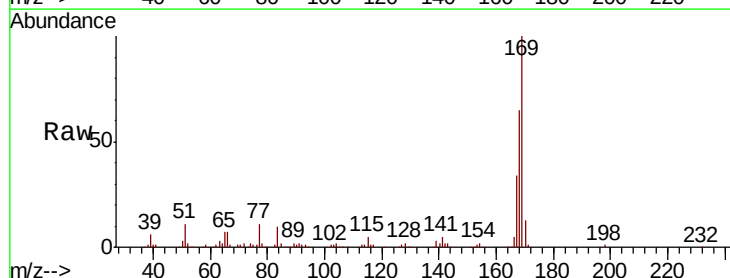
Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Tgt Ion:169 Resp: 226195

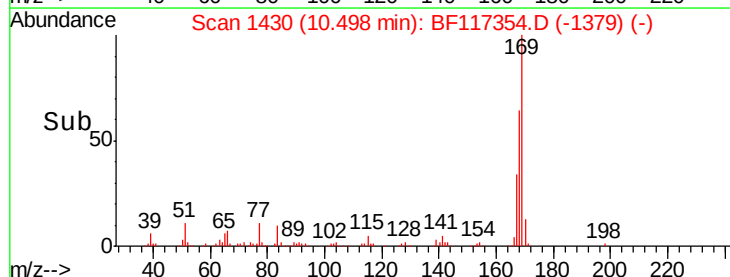
Ion	Ratio	Lower	Upper
169	100		
168	64.7	52.2	78.2
167	34.4	28.8	43.2



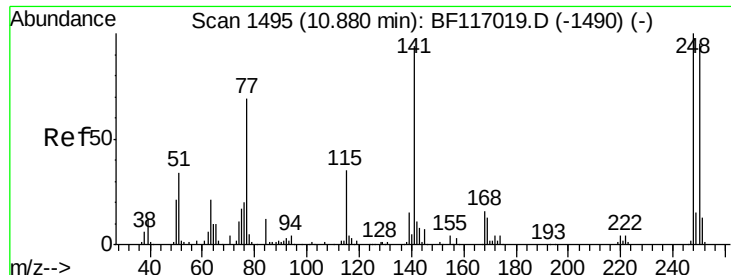
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



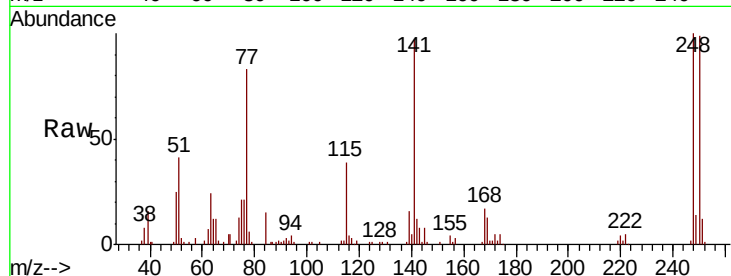
Time-->



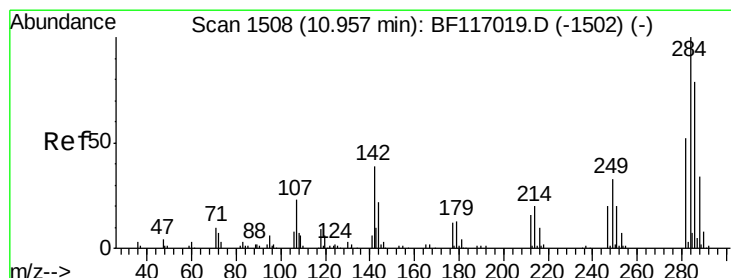
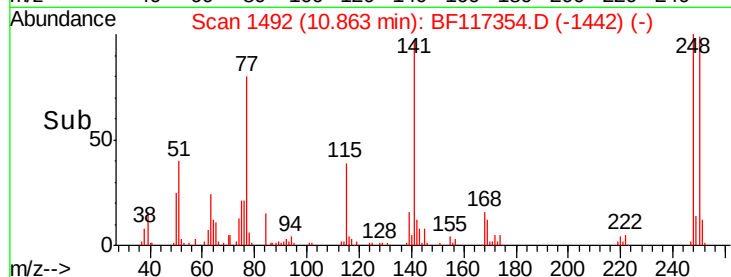
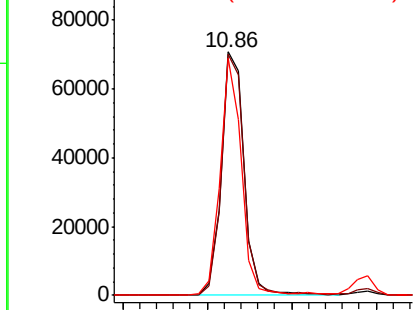
#67
4-Bromophenyl-phenylether
Concen: 42.700 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 66353
Ion Ratio Lower Upper
248 100
250 98.9 76.2 114.4
141 97.2 75.0 112.4

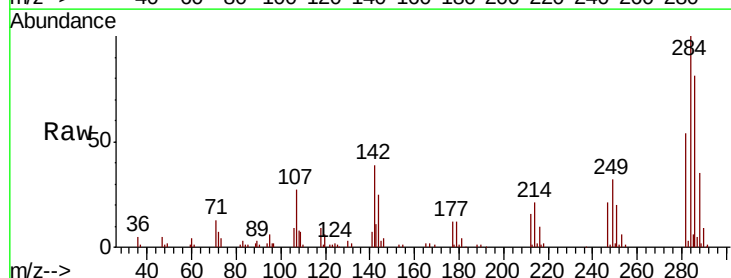


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

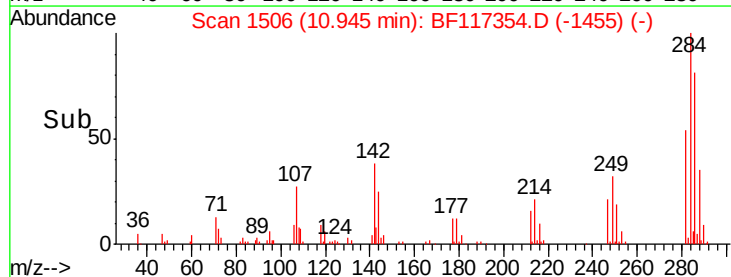
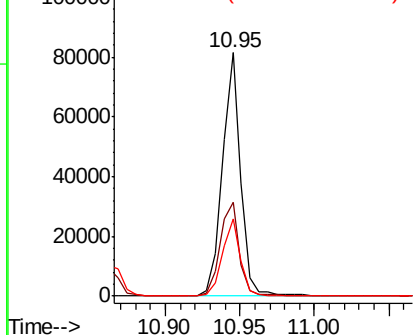


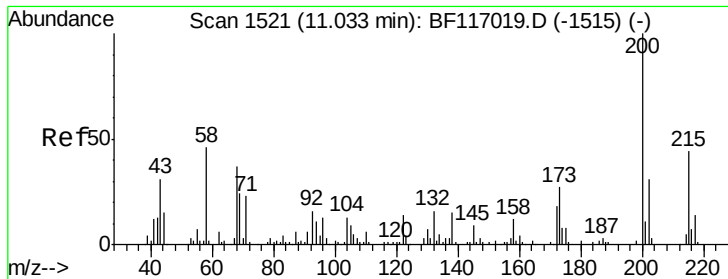
#68
Hexachlorobenzene
Concen: 41.469 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:284 Resp: 70482
Ion Ratio Lower Upper
284 100
142 38.7 31.4 47.2
249 31.8 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.292 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

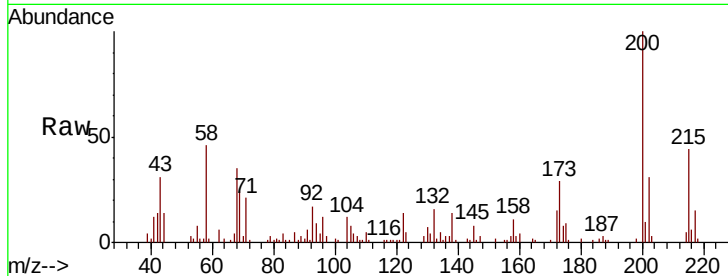
Tot Ion:200 Resp: 47829

Ion Ratio Lower Upper

200 100

173 28.7 6.9 46.9

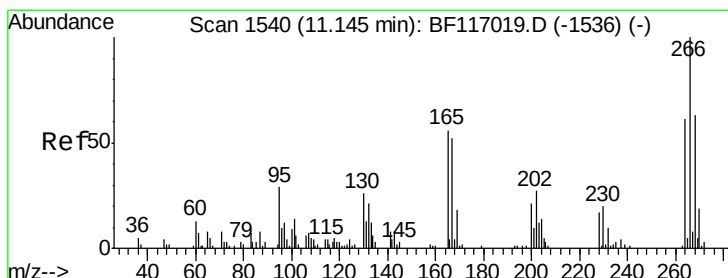
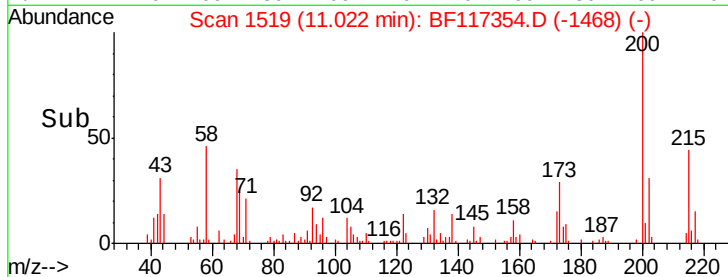
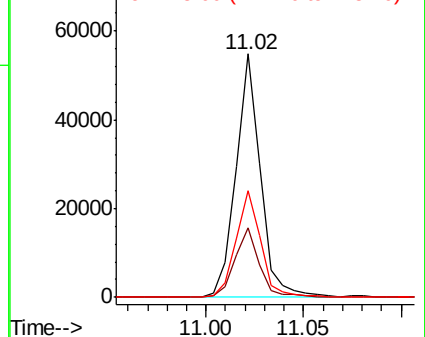
215 43.9 23.8 63.8



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: 39.878 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

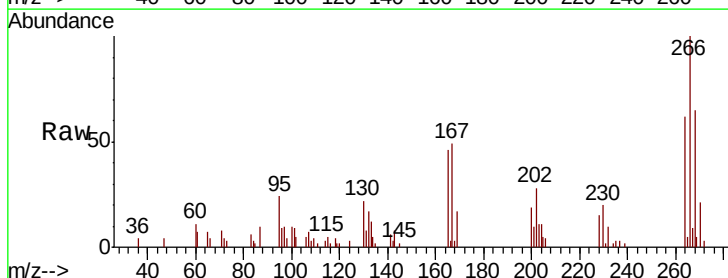
Tgt Ion:266 Resp: 31770

Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

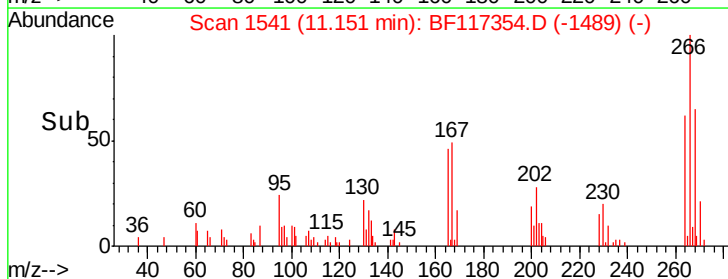
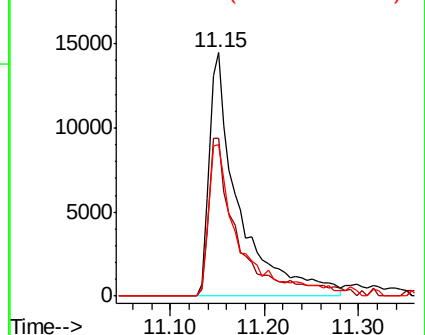
264 62.4 48.8 73.2

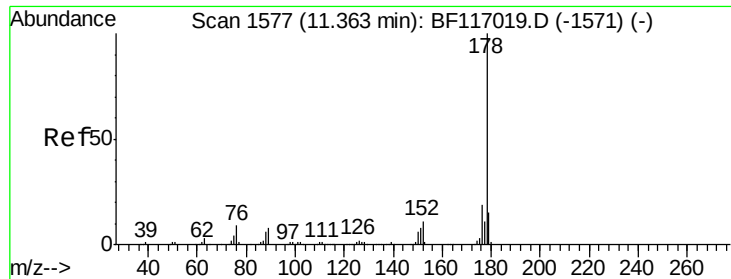


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

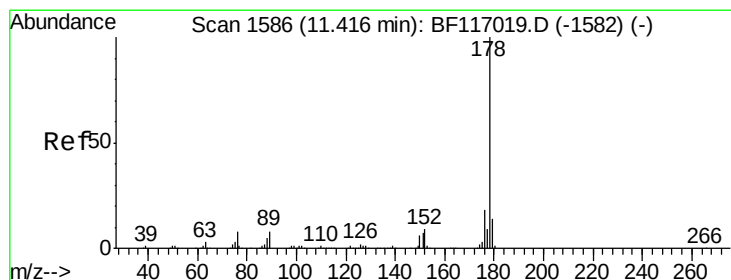
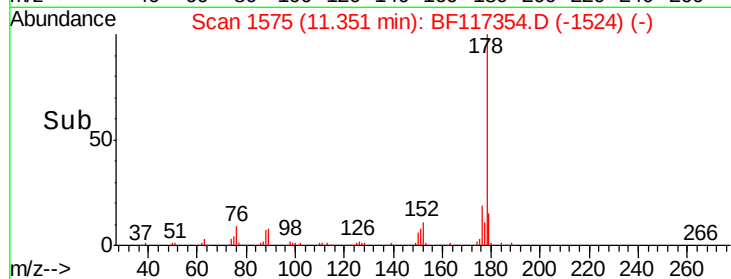
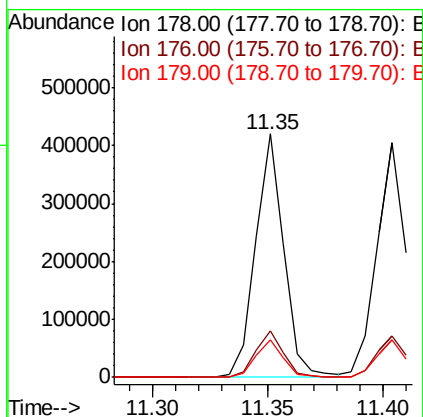
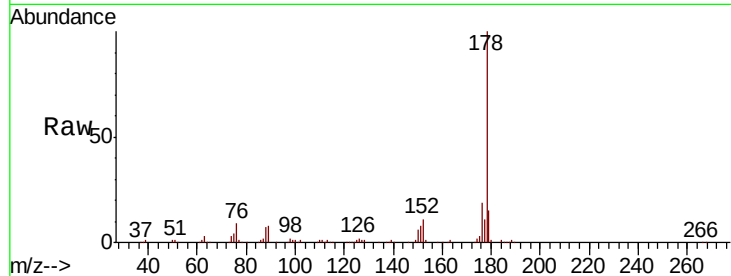




#71
Phenanthrene
Concen: 41.726 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

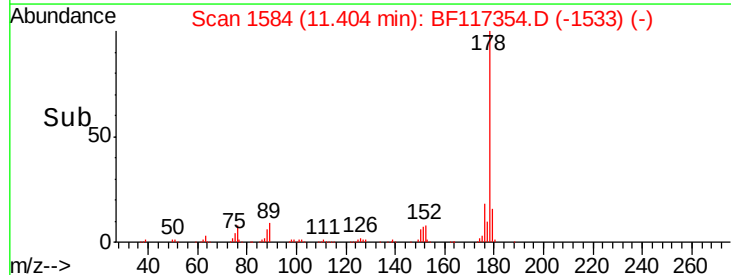
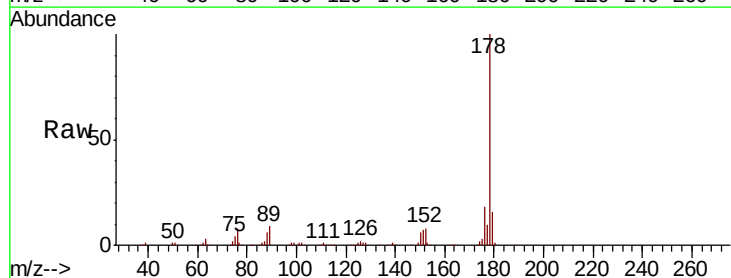
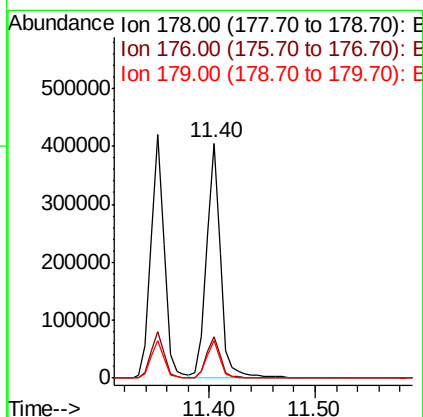
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

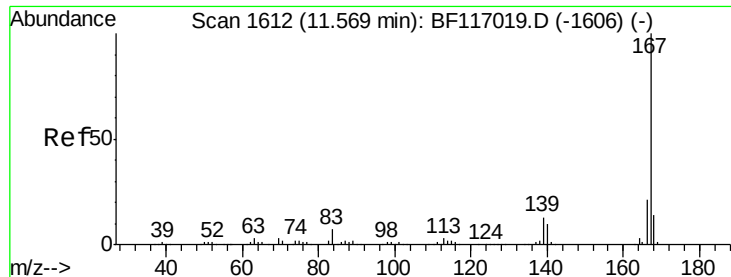
Tot Ion:178 Resp: 360621
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.4 18.6



#72
Anthracene
Concen: 42.505 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:178 Resp: 375044
Ion Ratio Lower Upper
178 100
176 17.9 14.6 21.8
179 15.8 11.6 17.4

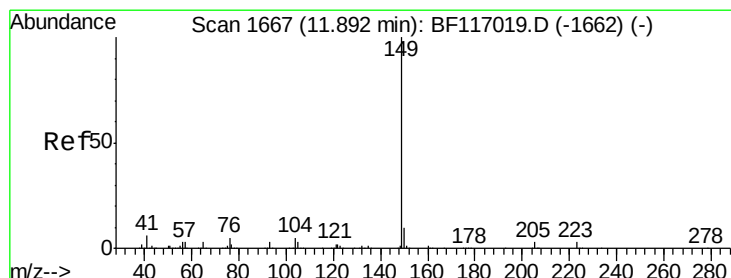
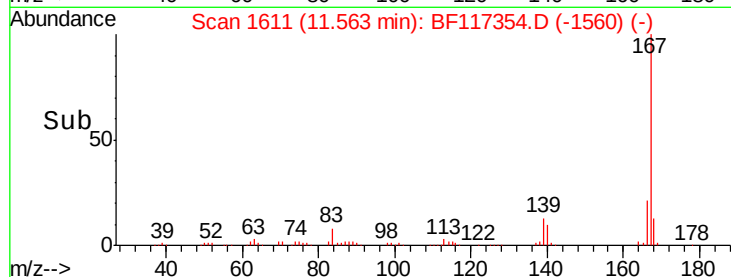
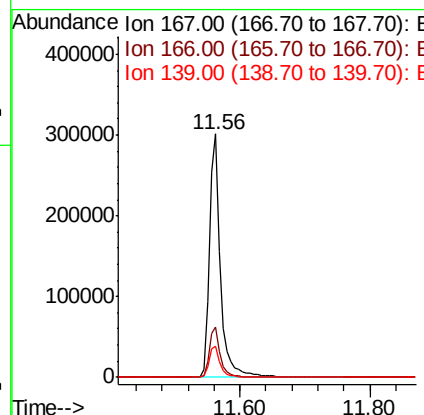
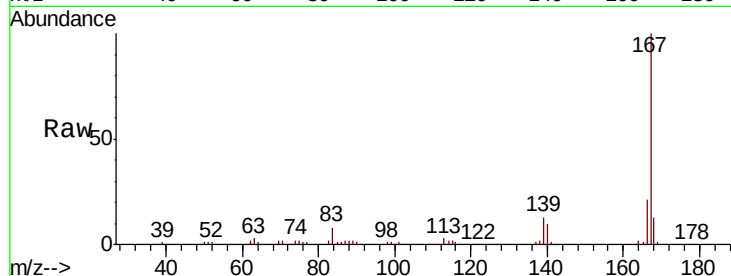




#73
 Carbazole
 Concen: 41.778 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

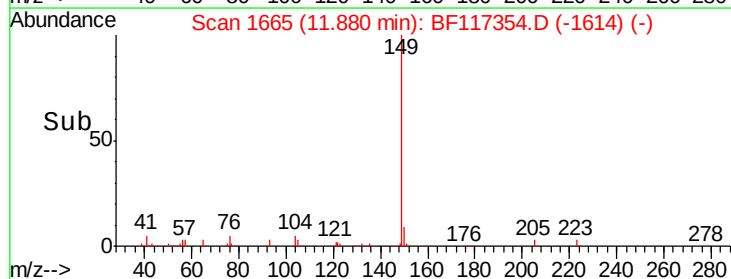
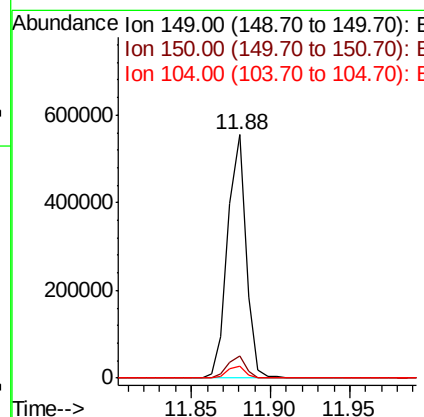
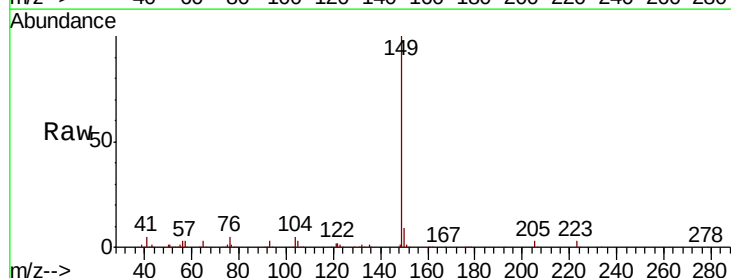
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

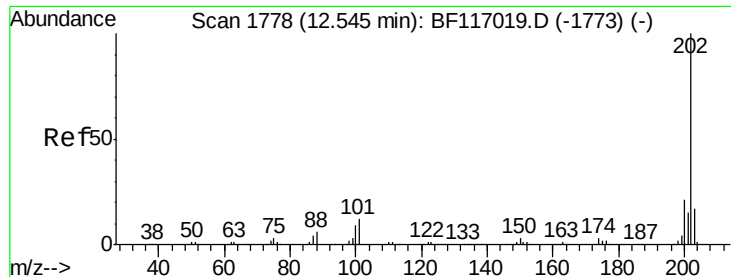
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.8	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 45.153 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 41.909 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

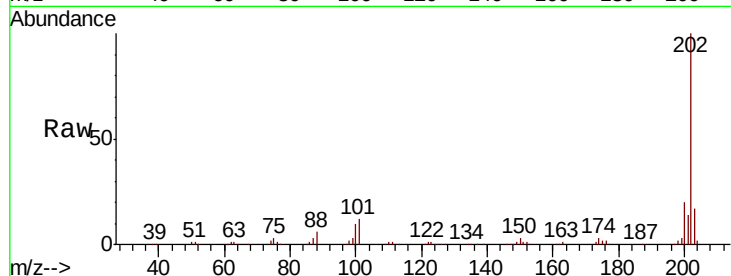
Tot Ion:202 Resp: 372162

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.3

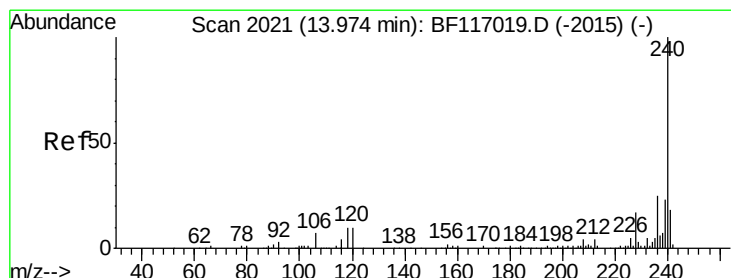
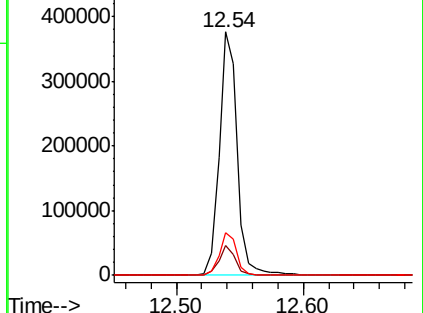
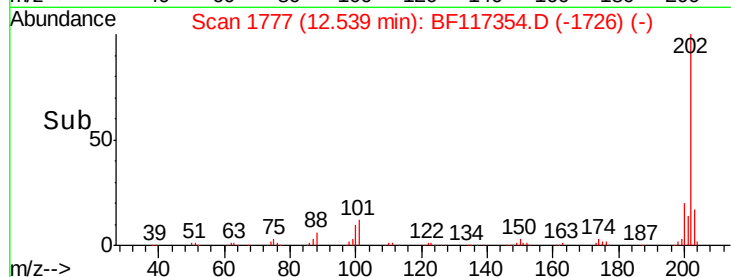
203 17.3 0.0 37.1



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: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

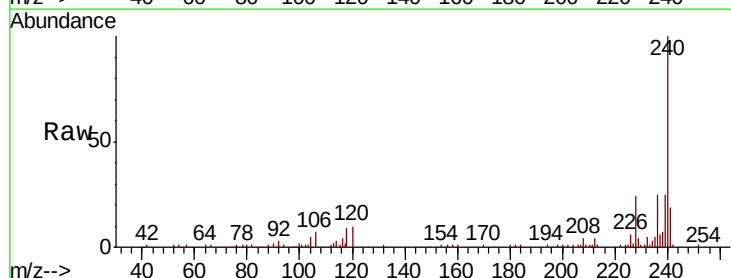
Tgt Ion:240 Resp: 105688

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

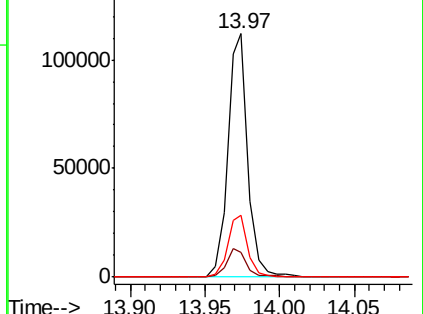
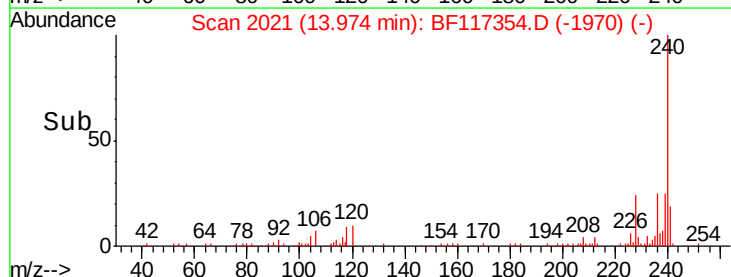
236 25.3 20.3 30.5

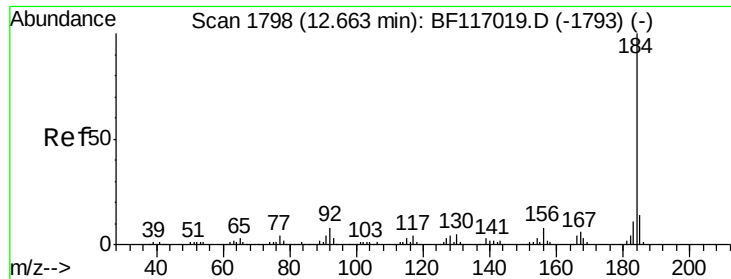


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.348 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

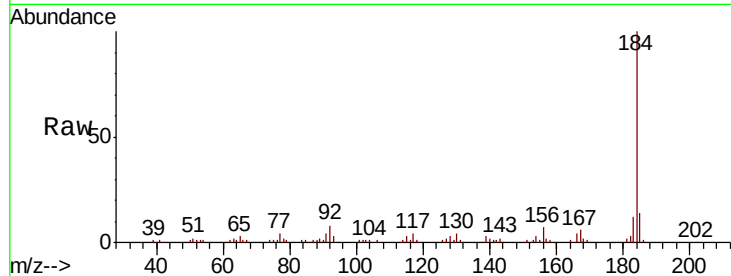
Tot Ion:184 Resp: 133961

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.6	17.4
183	12.0	9.0	13.4

184 100

185 13.6 11.6 17.4

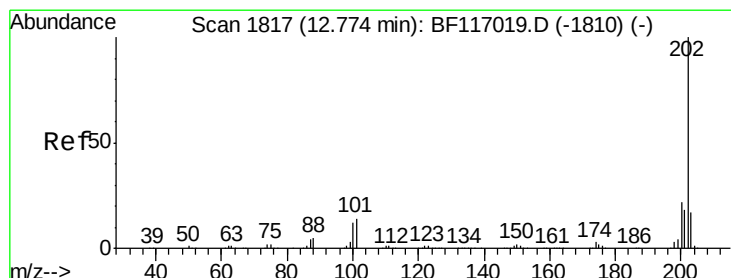
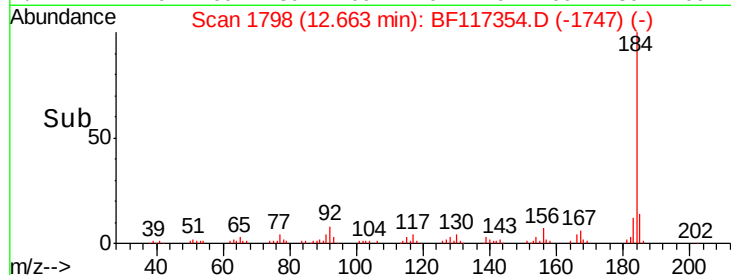
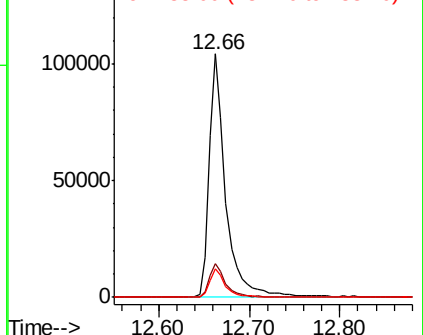
183 12.0 9.0 13.4



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: 41.632 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

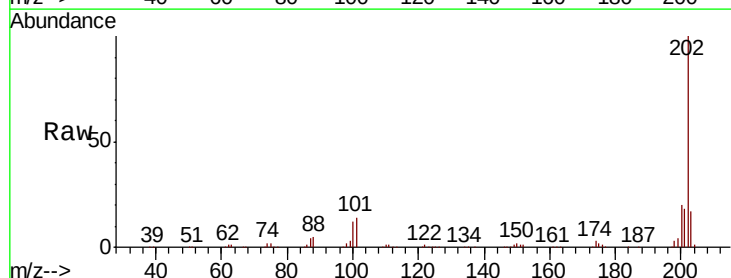
Tgt Ion:202 Resp: 369191

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.2	25.8
203	16.9	14.0	21.0

202 100

200 19.9 17.2 25.8

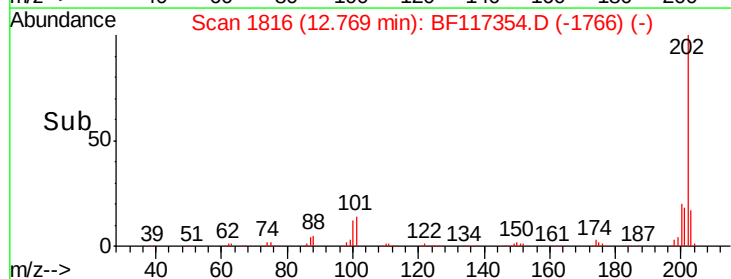
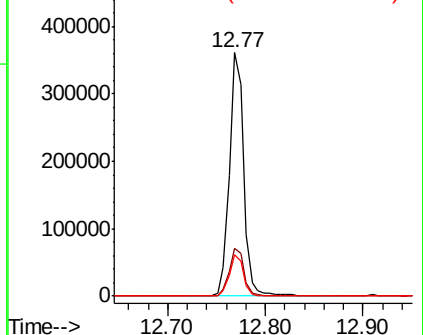
203 16.9 14.0 21.0

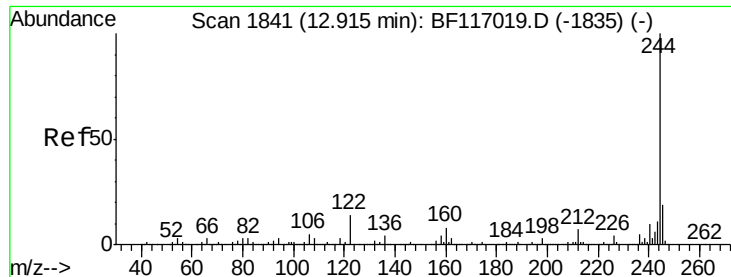


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

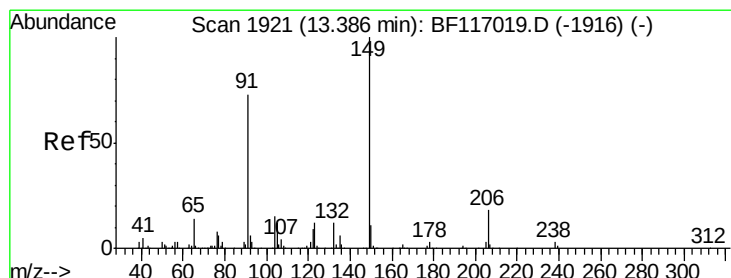
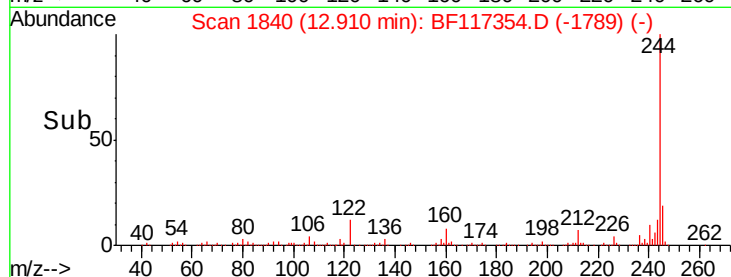
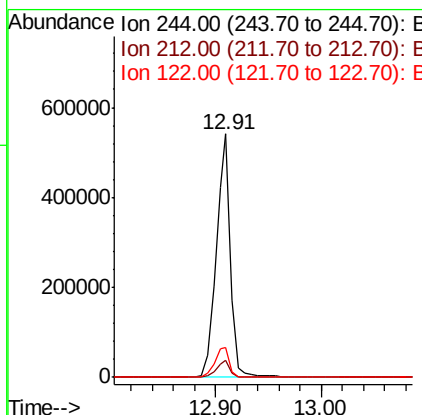
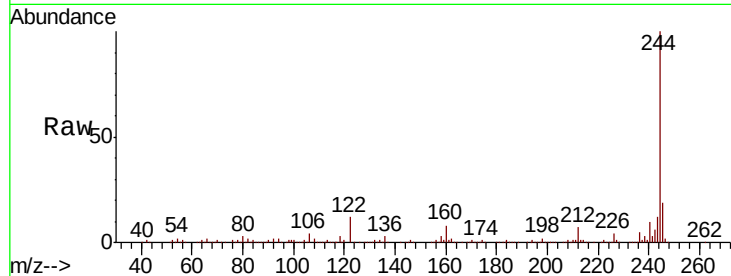




#79
 Terphenyl-d14
 Concen: 90.548 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

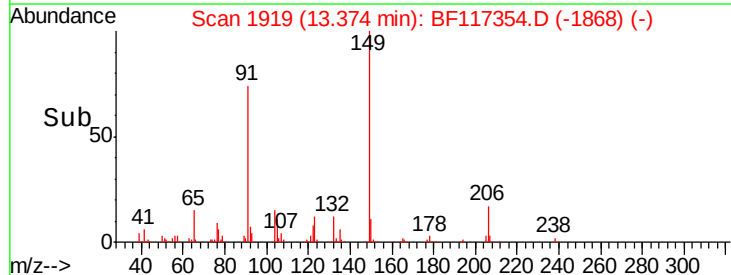
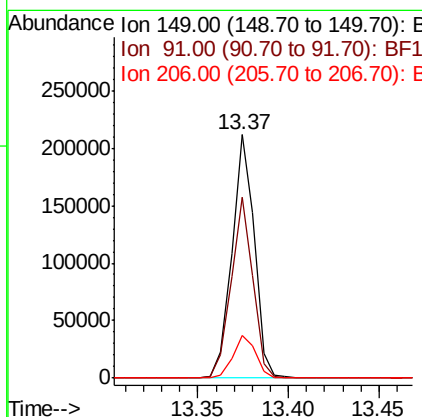
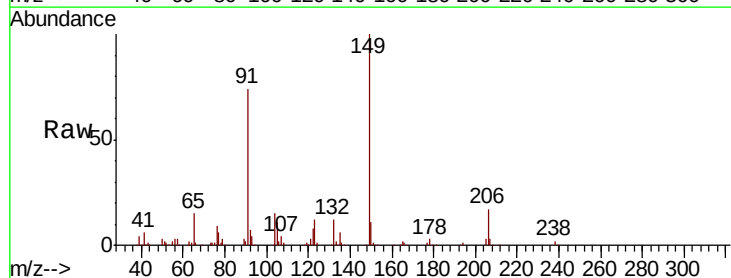
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

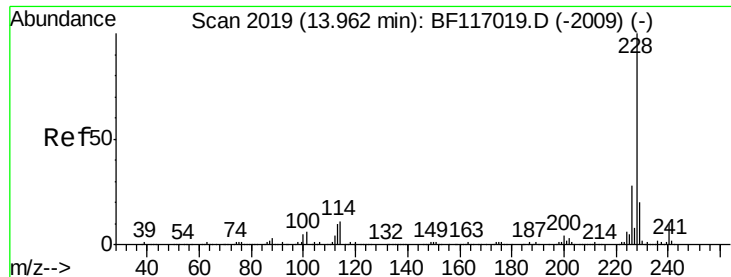
Tot Ion:244 Resp: 511968
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.4 11.3 16.9



#80
 Butylbenzylphthalate
 Concen: 43.491 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117354.D
 Acq: 9 Oct 2019 14:45

Tgt Ion:149 Resp: 182241
 Ion Ratio Lower Upper
 149 100
 91 74.2 58.8 88.2
 206 17.3 14.1 21.1





#81

Benzo(a)anthracene

Concen: 42.165 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

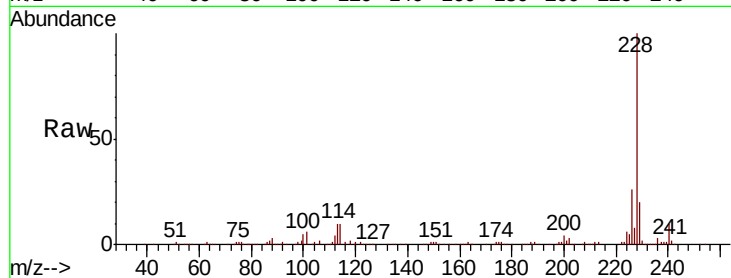
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 297737

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.3	33.5
229	20.0	15.9	23.9

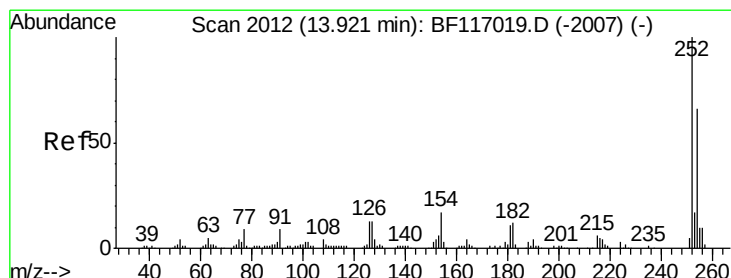
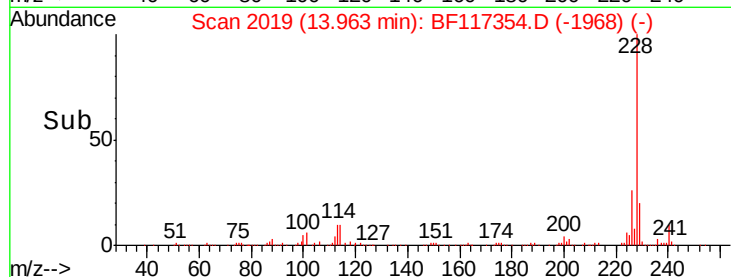
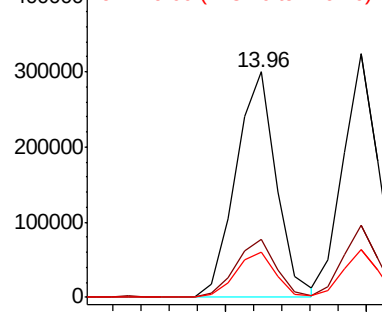


Abundance

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: 41.055 ng

RT: 13.92 min Scan# 2011

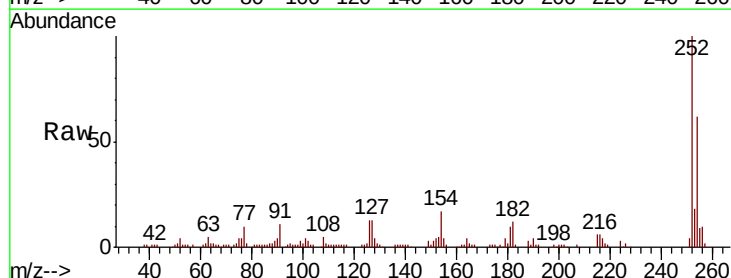
Delta R.T. -0.01 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Tgt Ion:252 Resp: 93418

Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.6	79.0
126	13.4	10.4	15.6

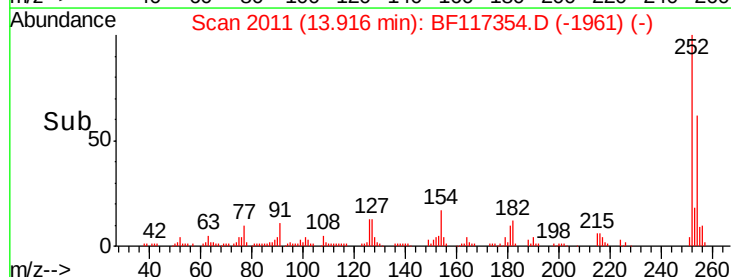
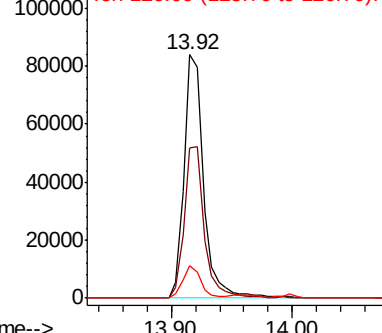


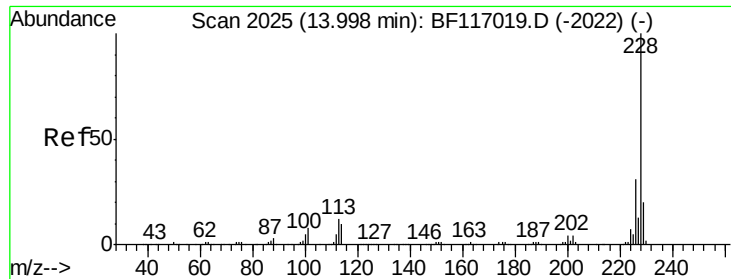
Abundance

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

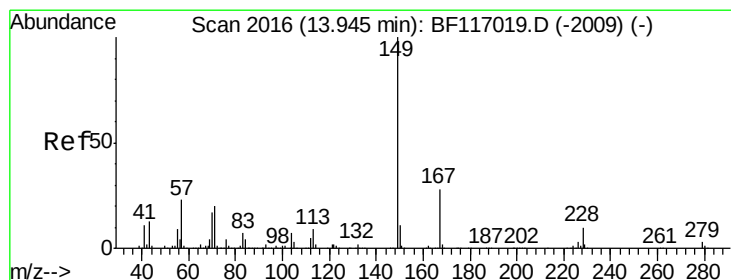
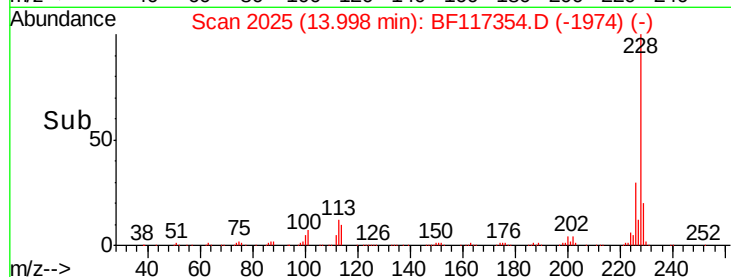
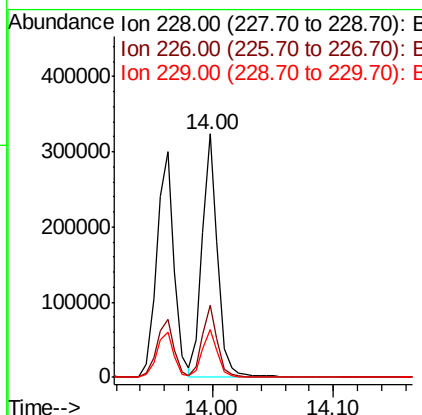
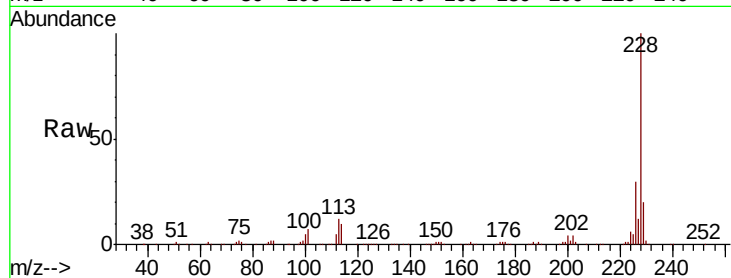




#83
Chrysene
Concen: 41.850 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

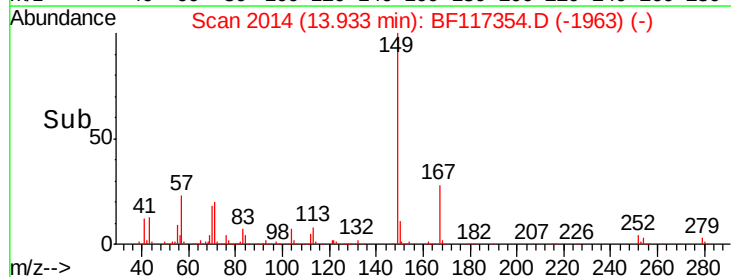
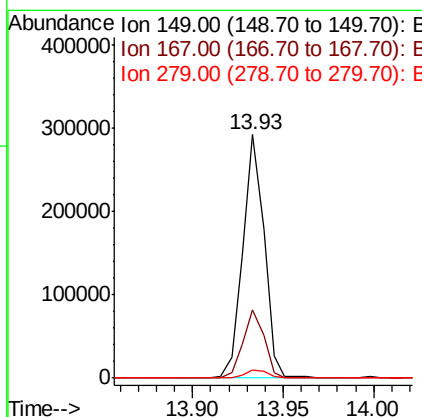
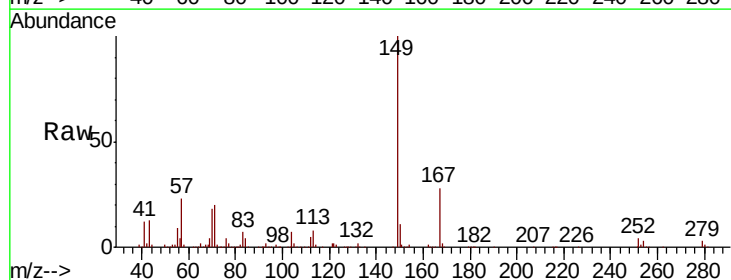
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

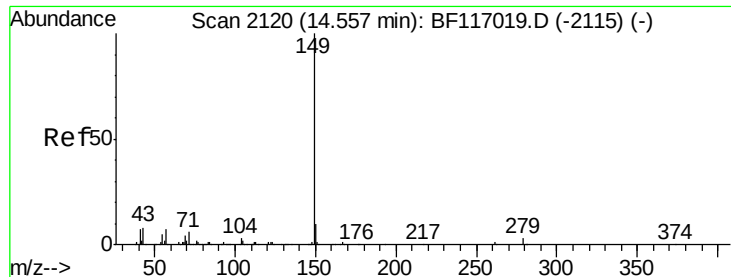
Tot Ion:228 Resp: 288215
Ion Ratio Lower Upper
228 100
226 29.5 24.8 37.2
229 19.6 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.403 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:149 Resp: 239897
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.2
279 3.2 2.8 4.2

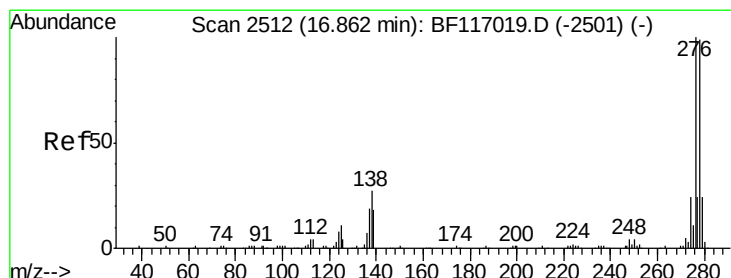
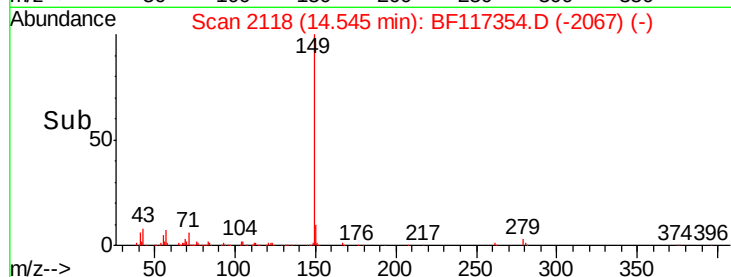
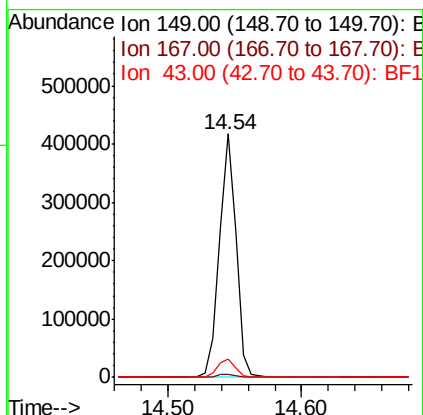
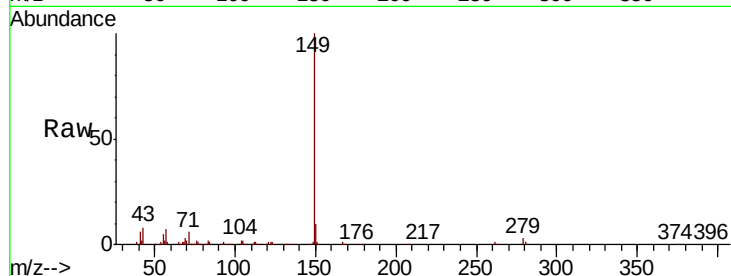




#85
Di-n-octyl phthalate
Concen: 43.525 ng
RT: 14.54 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

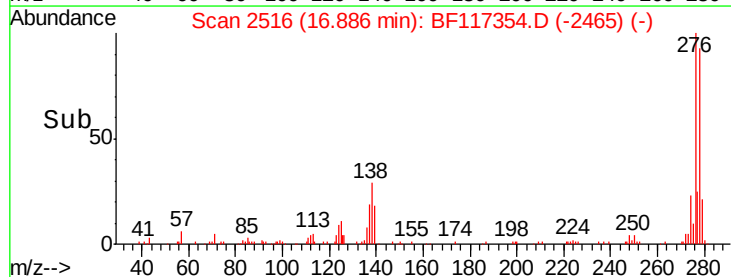
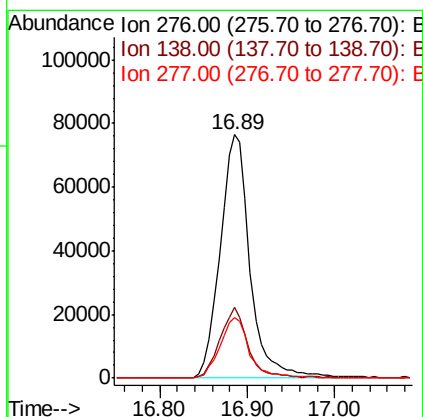
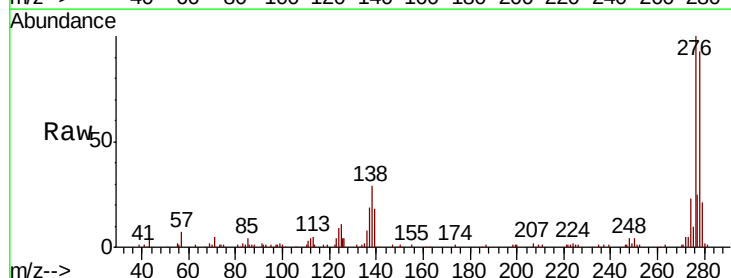
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

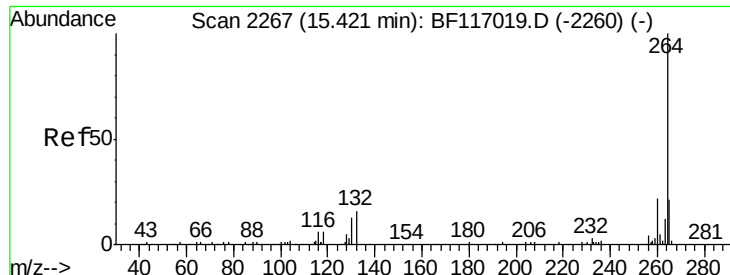
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.686 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.7	31.1
277	24.1	19.8	29.8



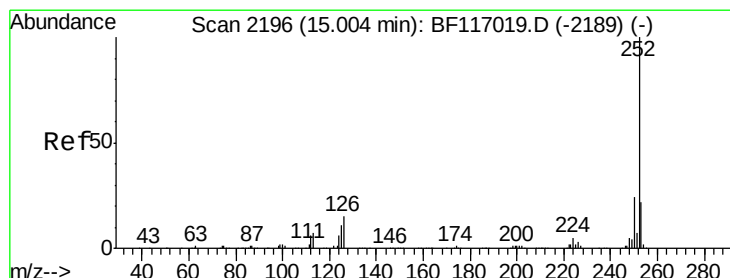
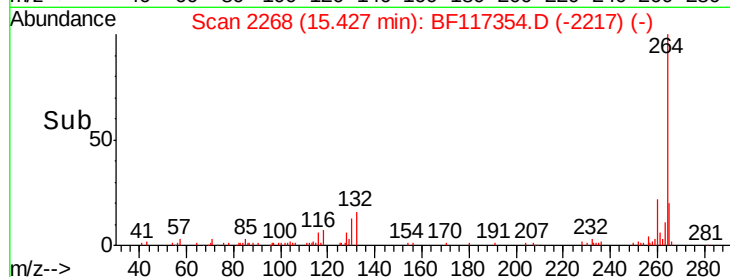
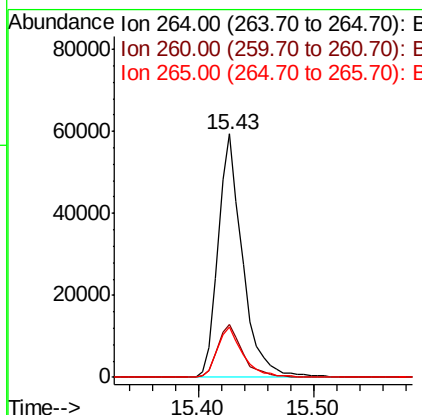
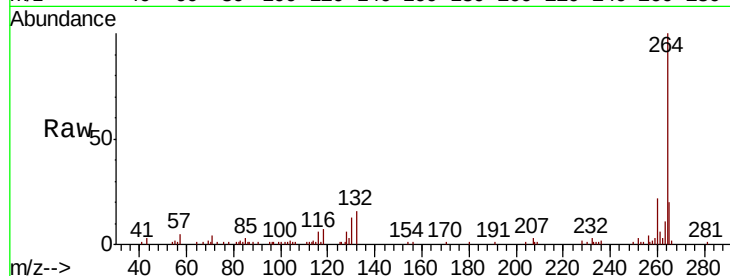


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 86976

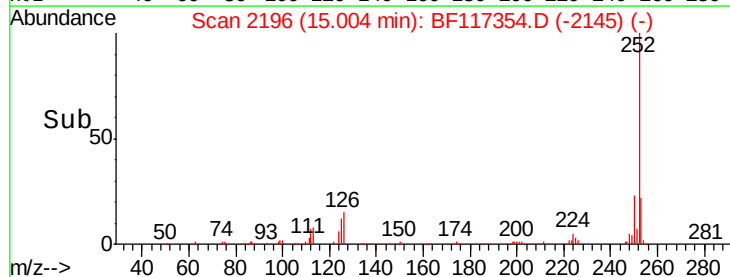
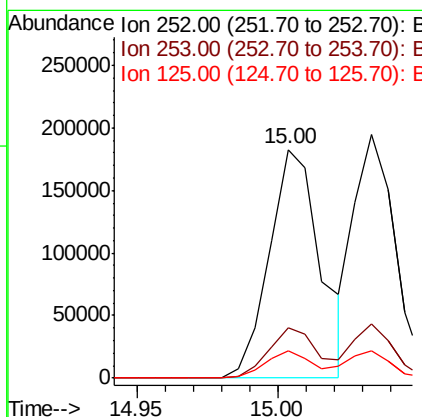
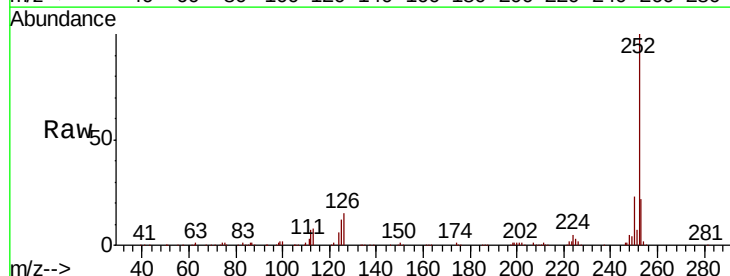
Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.6	26.4
265	20.4	16.6	24.8

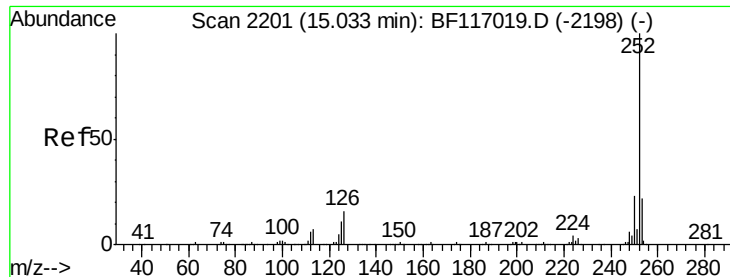


#88
Benzo(b)fluoranthene
Concen: 43.730 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:252 Resp: 230391

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.7	8.6	12.8

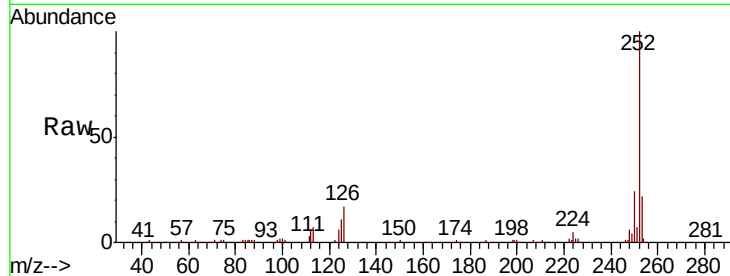




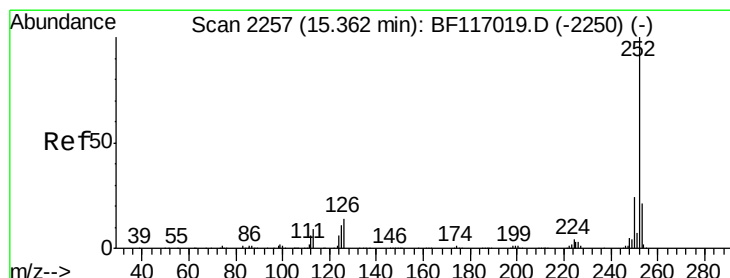
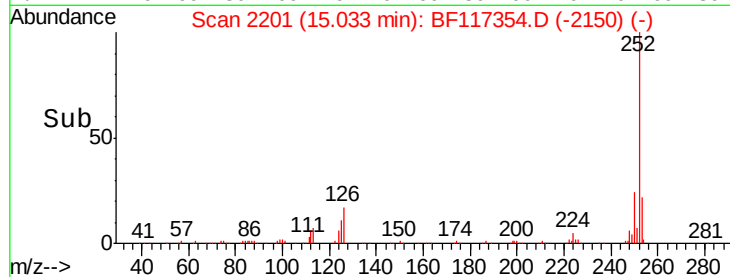
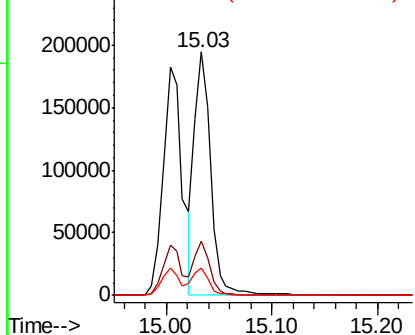
#89
Benzo(k)fluoranthene
Concen: 41.532 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 207273
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.4 8.8 13.2

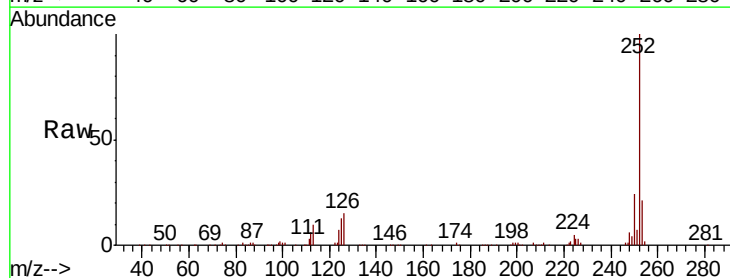


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

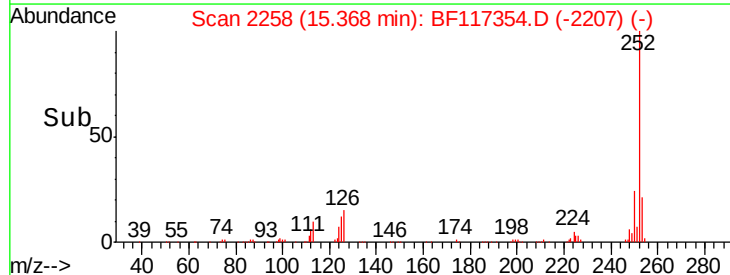
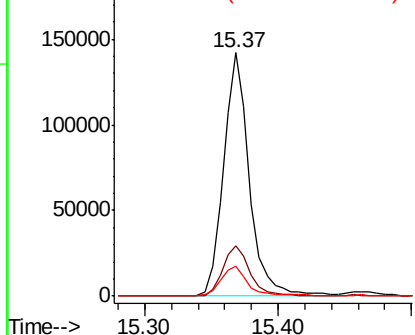


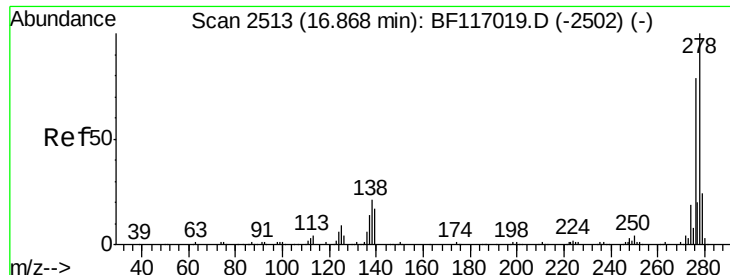
#90
Benzo(a)pyrene
Concen: 41.701 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF117354.D
Acq: 9 Oct 2019 14:45

Tgt Ion:252 Resp: 192791
Ion Ratio Lower Upper
252 100
253 20.9 16.6 25.0
125 12.5 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 40.475 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

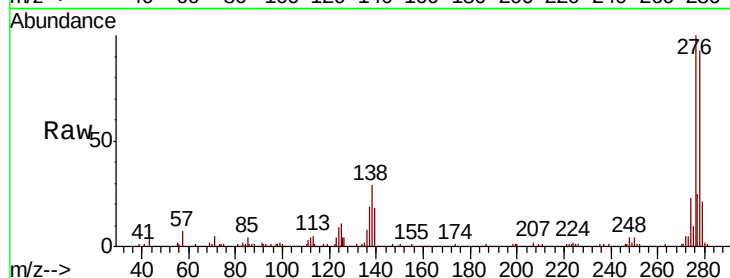
Tot Ion:278 Resp: 149068

Ion Ratio Lower Upper

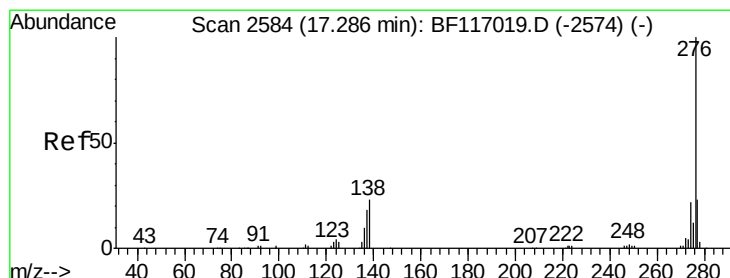
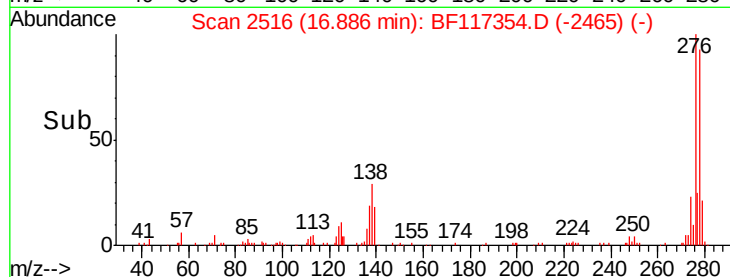
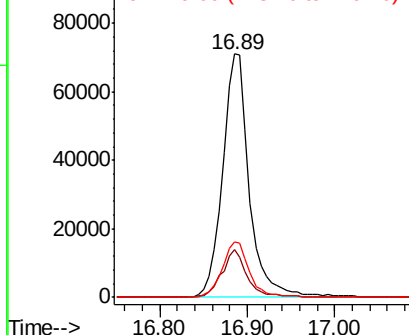
278 100

139 19.4 13.5 20.3

279 22.7 18.8 28.2



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



#92

Benzo(g,h,i)perylene

Concen: 37.800 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.00 min

Lab File: BF117354.D

Acq: 9 Oct 2019 14:45

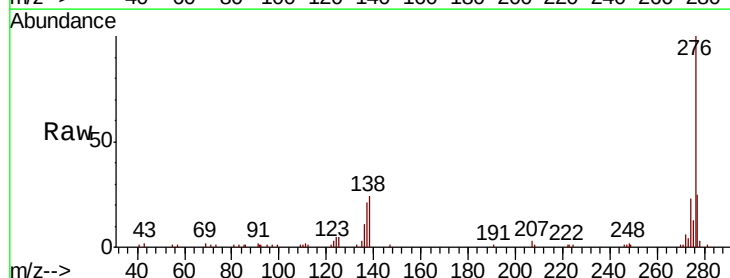
Tgt Ion:276 Resp: 138726

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 23.9 18.0 27.0



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

