

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117423.D
 Acq On : 17 Oct 2019 15:43
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 18 03:53:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51706	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	223439	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114724	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	178270	20.00	ng	0.00
76) Chrysene-d12	13.96	240	124006	20.00	ng	0.00
87) Perylene-d12	15.42	264	104488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	284515	84.66	ng	0.00
7) Phenol-d6	6.44	99	365094	81.88	ng	0.00
23) Nitrobenzene-d5	7.36	82	357024	81.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	75225	80.57	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	642235	81.61	ng	0.00
79) Terphenyl-d14	12.90	244	598969	78.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	58290	42.134	ng	97
3) Pyridine	3.26	79	150933	42.870	ng	97
4) n-Nitrosodimethylamine	3.22	42	51741	41.704	ng	# 87
6) Aniline	6.46	93	227101	40.772	ng	94
8) 2-Chlorophenol	6.59	128	154297	41.298	ng	97
9) Benzaldehyde	6.35	77	94579	44.301	ng	93
10) Phenol	6.45	94	195375	40.588	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	143933	39.329	ng	99
12) 1,3-Dichlorobenzene	6.73	146	173179	41.449	ng	99
13) 1,4-Dichlorobenzene	6.81	146	176330	41.401	ng	96
14) 1,2-Dichlorobenzene	6.96	146	163975	40.761	ng	99
15) Benzyl Alcohol	6.95	79	138559	40.618	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	159835	41.593	ng	97
17) 2-Methylphenol	7.06	107	125718	40.307	ng	97
18) Hexachloroethane	7.30	117	67546	40.791	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	117943	41.486	ng	97
20) 3+4-Methylphenols	7.22	107	164627	40.992	ng	97
22) Acetophenone	7.21	105	236559	40.346	ng	99
24) Nitrobenzene	7.38	77	171712	38.889	ng	99
25) Isophorone	7.62	82	315341	40.160	ng	100
26) 2-Nitrophenol	7.70	139	79866	40.768	ng	99
27) 2,4-Dimethylphenol	7.73	122	117748	39.547	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	198414	40.761	ng	97
29) 2,4-Dichlorophenol	7.95	162	125682	40.910	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	134955	40.749	ng	96
31) Naphthalene	8.10	128	451218	40.437	ng	100
32) Benzoic acid	7.90	122	59518	32.285	ng	92
33) 4-Chloroaniline	8.15	127	191454	40.400	ng	99
34) Hexachlorobutadiene	8.21	225	76786	40.482	ng	95
35) Caprolactam	8.53	113	39126	40.668	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	140004	40.050	ng	99
37) 2-Methylnaphthalene	8.79	142	304022	40.348	ng	98
38) 1-Methylnaphthalene	8.89	142	282946	39.855	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	123192	39.899	ng	99

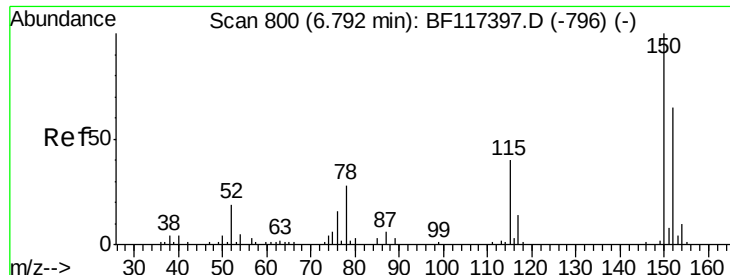
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117423.D
 Acq On : 17 Oct 2019 15:43
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 18 03:53:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	17997	31.214	nq	95
43) 2,4,6-Trichlorophenol	9.07	196	78365	40.105	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	77096	38.681	nq	97
46) 1,1'-Biphenyl	9.25	154	376375	40.158	nq	97
47) 2-Chloronaphthalene	9.28	162	294195	40.267	nq	99
48) 2-Nitroaniline	9.38	65	94158	40.392	nq	97
49) Acenaphthylene	9.69	152	431767	40.312	nq	99
50) Dimethylphthalate	9.55	163	330670	40.134	nq	100
51) 2,6-Dinitrotoluene	9.62	165	70465	40.689	nq	99
52) Acenaphthene	9.86	154	262421	40.322	nq	100
53) 3-Nitroaniline	9.80	138	84558	39.984	nq	87
54) 2,4-Dinitrophenol	9.92	184	26932	38.892	nq	94
55) Dibenzofuran	10.03	168	381788	40.215	nq	99
56) 4-Nitrophenol	9.98	139	30057	34.664	nq	95
57) 2,4-Dinitrotoluene	10.03	165	91223	39.921	nq	93
58) Fluorene	10.38	166	320882	40.593	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	60355	39.171	nq	99
60) Diethylphthalate	10.25	149	339207	40.843	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	143643	41.043	nq	100
62) 4-Nitroaniline	10.42	138	82838	41.207	nq	97
63) Azobenzene	10.53	77	346749	40.690	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	35191	38.163	nq	98
66) n-Nitrosodiphenylamine	10.49	169	272723	40.952	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	80891	41.369	nq	95
68) Hexachlorobenzene	10.93	284	83358	39.696	nq	100
69) Atrazine	11.02	200	50087	46.382	nq	97
70) Pentachlorophenol	11.14	266	21585	34.359	nq	94
71) Phenanthrene	11.34	178	430024	40.806	nq	99
72) Anthracene	11.39	178	440237	40.467	nq	99
73) Carbazole	11.55	167	406743	41.160	nq	100
74) Di-n-butylphthalate	11.87	149	546909	40.872	nq	99
75) Fluoranthene	12.53	202	426650	40.716	nq	99
77) Benzidine	12.65	184	148766	48.506	nq	98
78) Pyrene	12.76	202	431029	39.322	nq	99
80) Butylbenzylphthalate	13.37	149	221986	40.274	nq	97
81) Benzo(a)anthracene	13.95	228	342532	40.257	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	106543	39.605	nq	99
83) Chrysene	13.99	228	337453	40.217	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	318656	41.002	nq	98
85) Di-n-octyl phthalate	14.53	149	509646	43.074	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	225950	38.511	nq	99
88) Benzo(b)fluoranthene	15.00	252	270295	41.553	nq	99
89) Benzo(k)fluoranthene	15.02	252	251863	38.961	nq	99
90) Benzo(a)pyrene	15.36	252	230301	39.982	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	189202	38.332	nq	99
92) Benzo(g,h,i)perylene	17.31	276	171092	36.416	nq	97

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

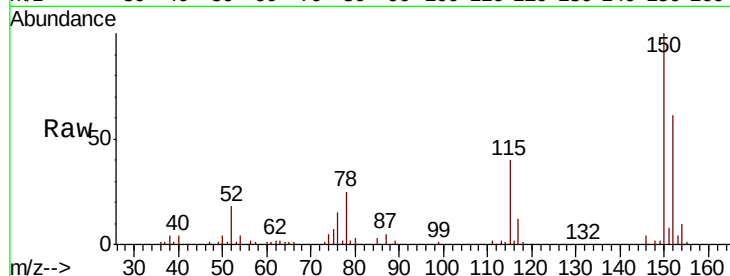


#1

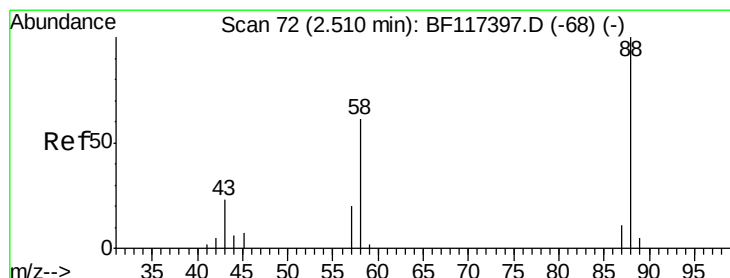
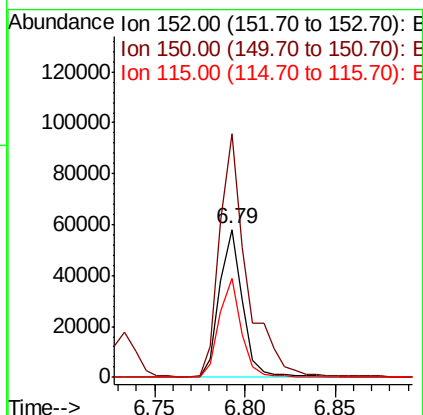
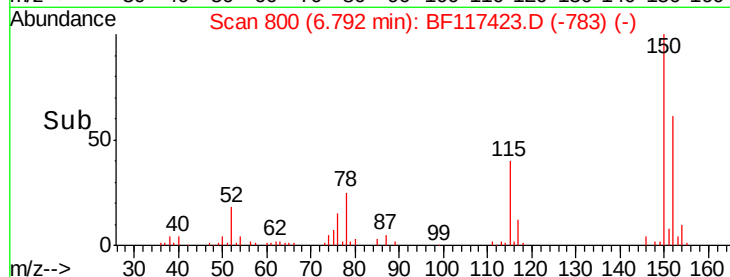
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 51706
Ion Ratio Lower Upper
152 100
150 164.7 122.7 184.1
115 66.6 48.6 73.0



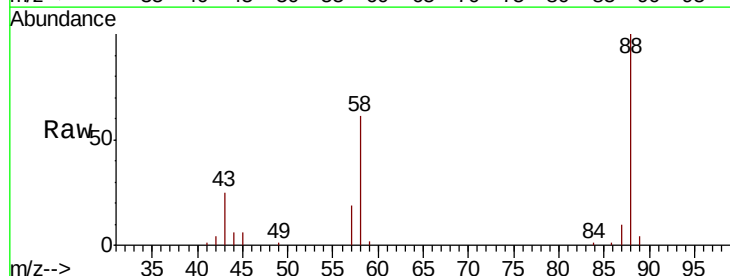
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



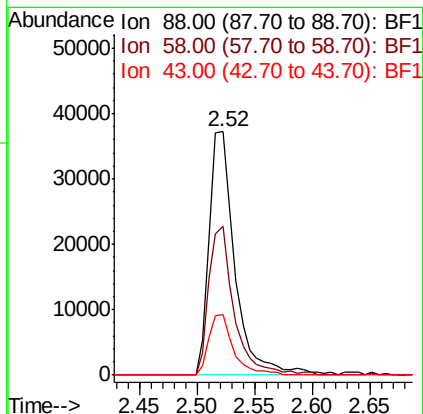
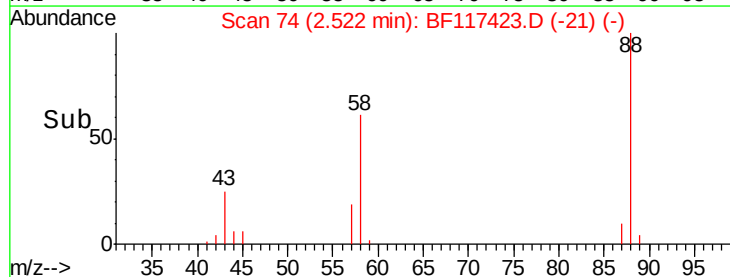
#2

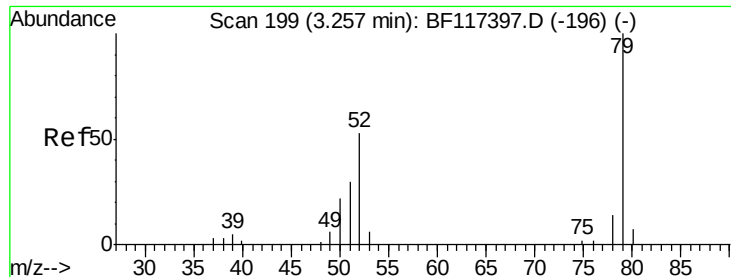
1,4-Dioxane
Concen: 42.134 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 88 Resp: 58290
Ion Ratio Lower Upper
88 100
58 59.5 49.4 74.2
43 23.4 18.1 27.1



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

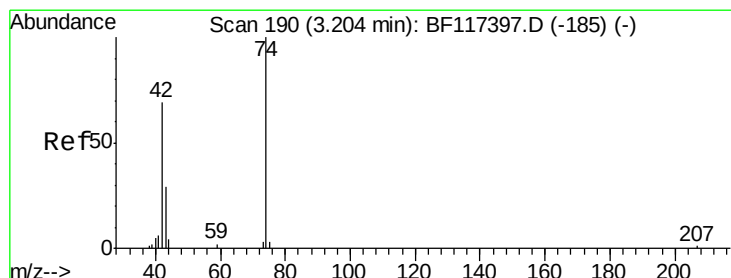
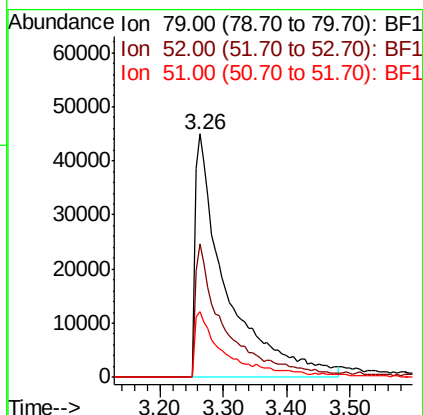
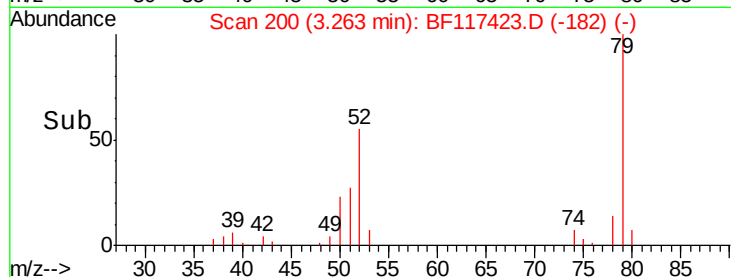
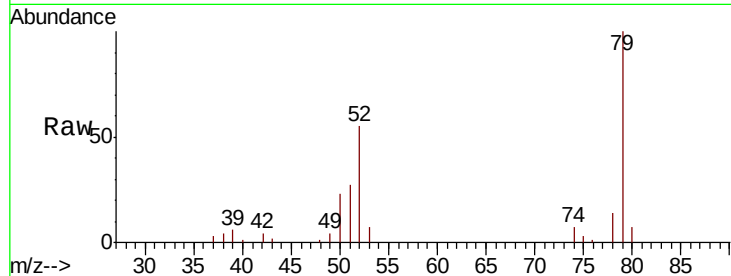




#3
 Pvridine
 Concen: 42.870 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

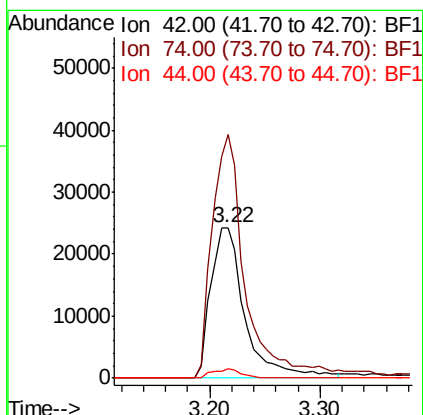
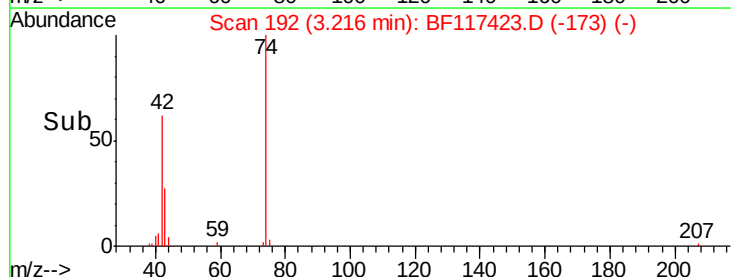
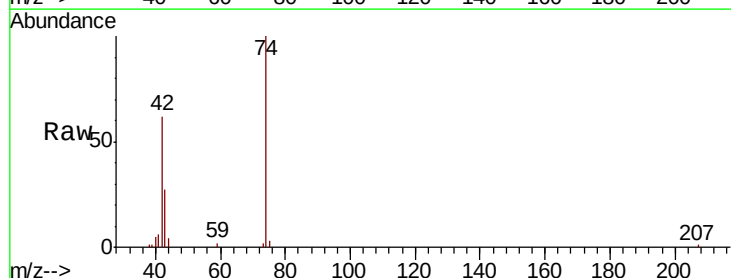
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

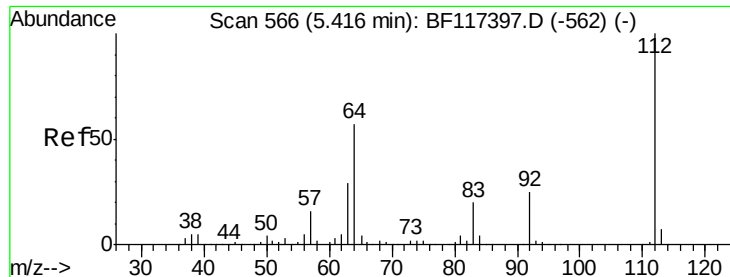
Tot Ion: 79 Resp: 150933
 Ion Ratio Lower Upper
 79 100
 52 54.8 42.7 64.1
 51 26.8 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 41.704 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion: 42 Resp: 51741
 Ion Ratio Lower Upper
 42 100
 74 161.6 116.2 174.4
 44 6.5 4.2 6.4#





#5

2-Fluorophenol

Concen: 84.664 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

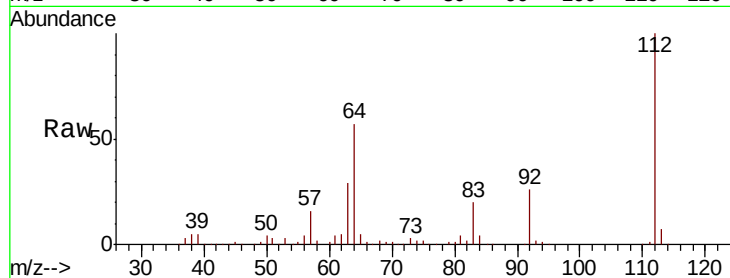
Tot Ion:112 Resp: 284515

Ion Ratio Lower Upper

112 100

64 56.6 45.2 67.8

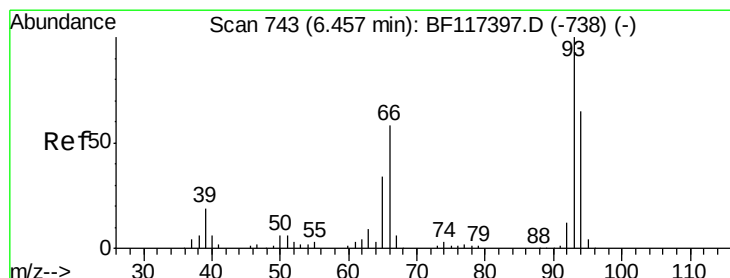
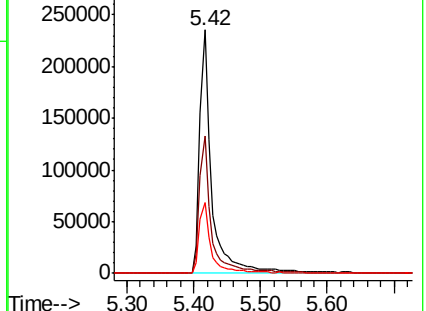
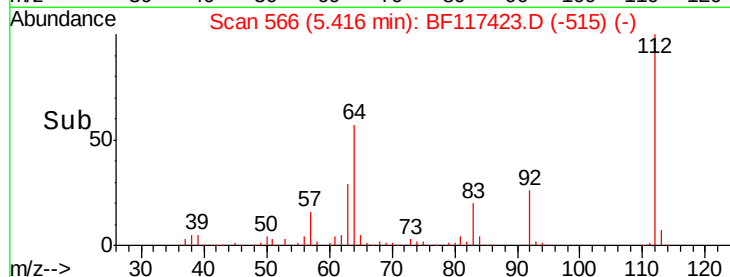
63 29.0 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.772 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

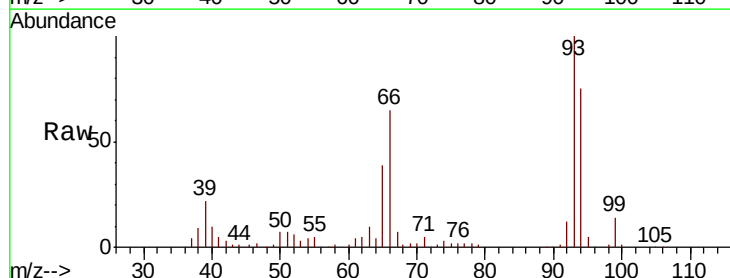
Tgt Ion: 93 Resp: 227101

Ion Ratio Lower Upper

93 100

66 65.3 48.4 72.6

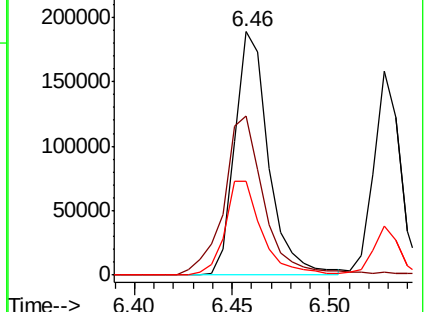
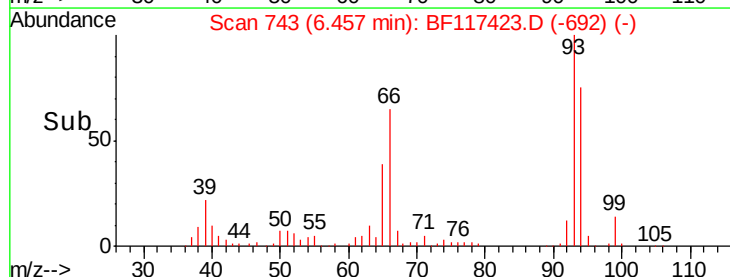
65 38.7 27.8 41.6

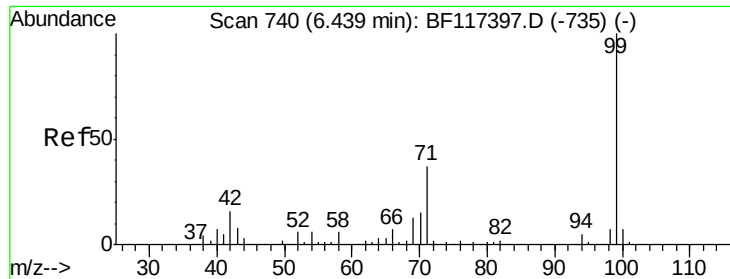


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.882 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

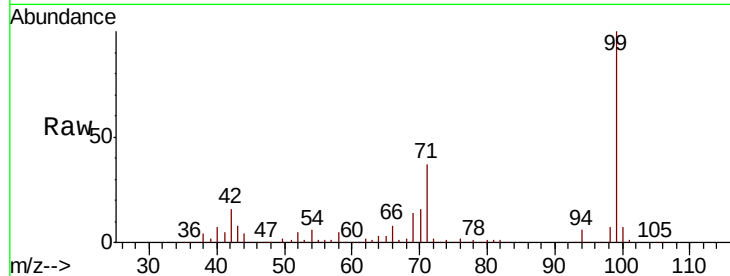
Tot Ion: 99 Resp: 365094

Ion Ratio Lower Upper

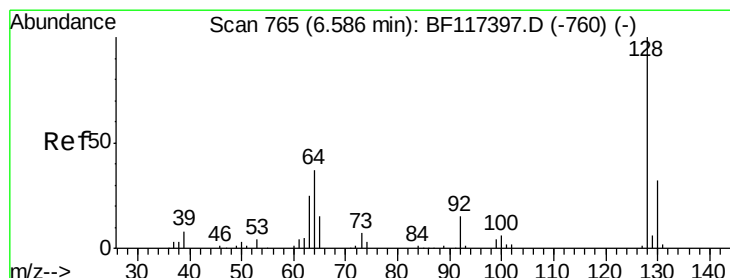
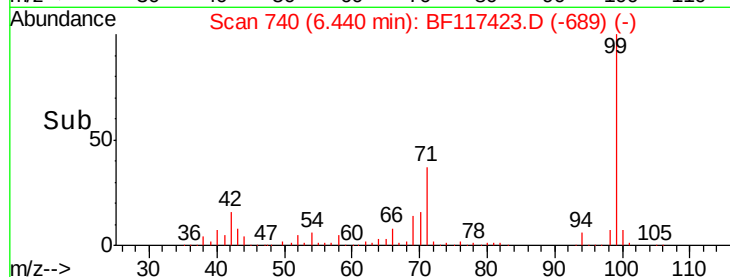
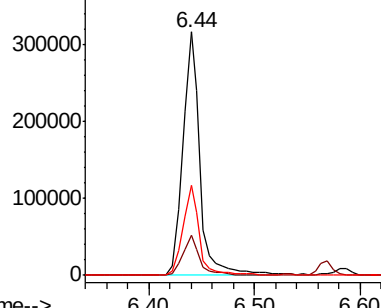
99 100

42 16.2 12.5 18.7

71 36.9 29.2 43.8



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: 41.298 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

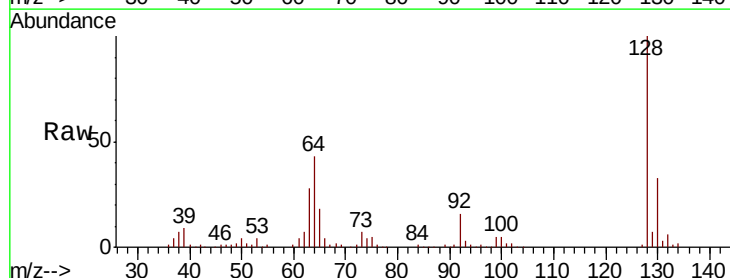
Tgt Ion: 128 Resp: 154297

Ion Ratio Lower Upper

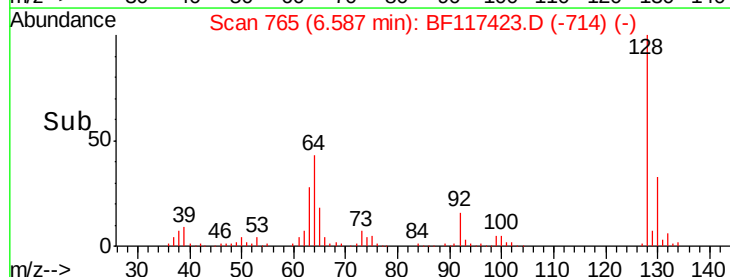
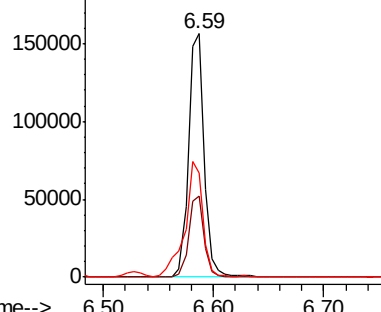
128 100

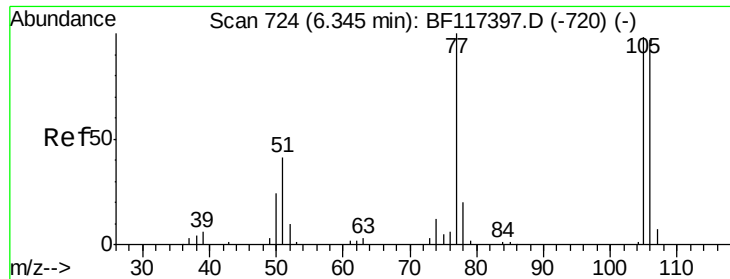
130 33.2 11.7 51.7

64 42.9 20.4 60.4



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

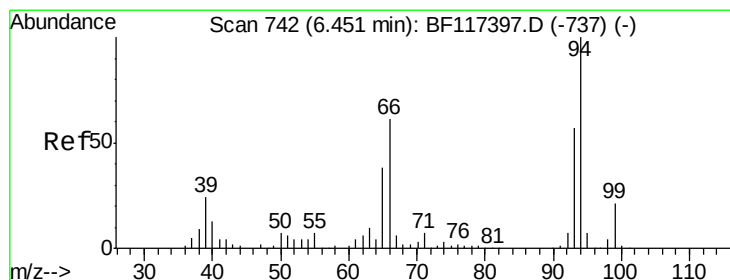
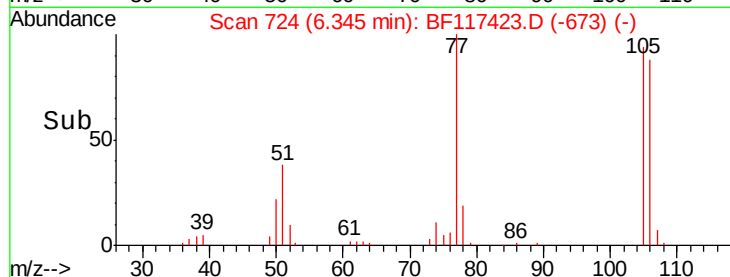
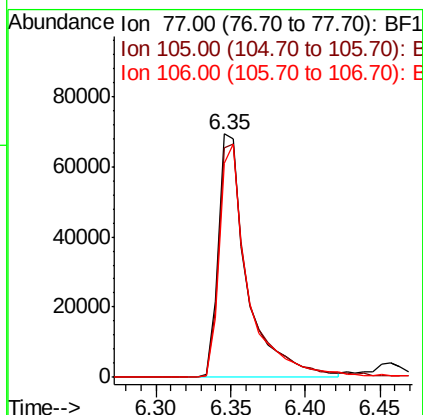
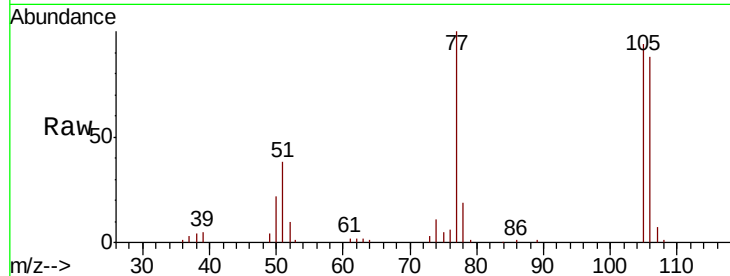




#9
Benzaldehyde
Concen: 44.301 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

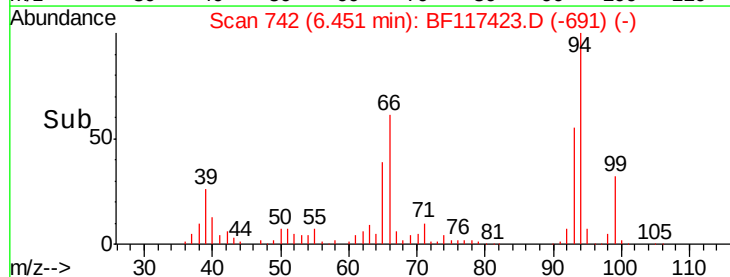
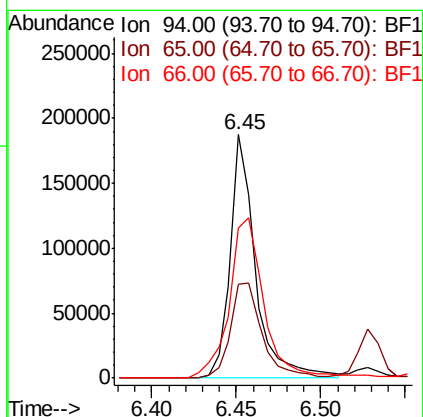
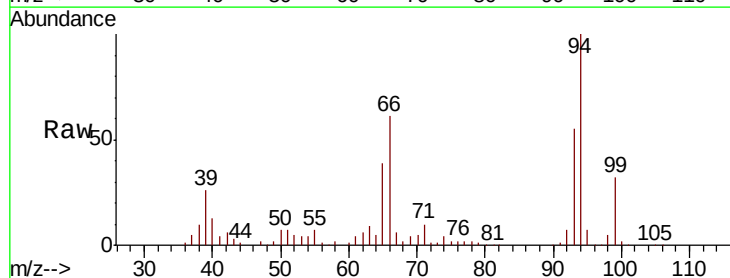
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

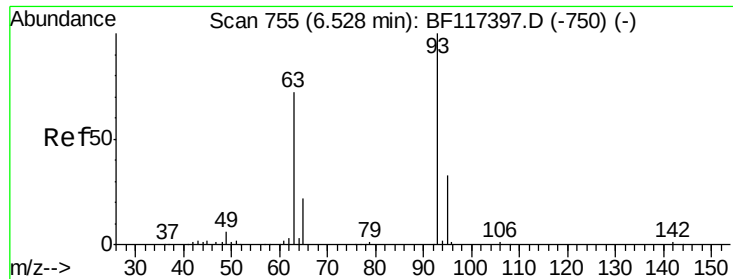
Tot Ion: 77 Resp: 94579
Ion Ratio Lower Upper
77 100
105 94.1 77.9 117.9
106 87.7 77.2 117.2



#10
Phenol
Concen: 40.588 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 94 Resp: 195375
Ion Ratio Lower Upper
94 100
65 38.6 18.2 58.2
66 61.5 41.1 81.1

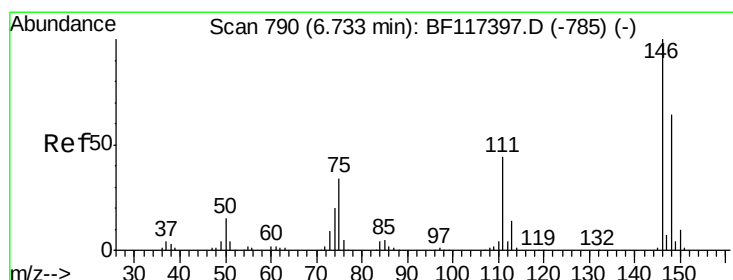
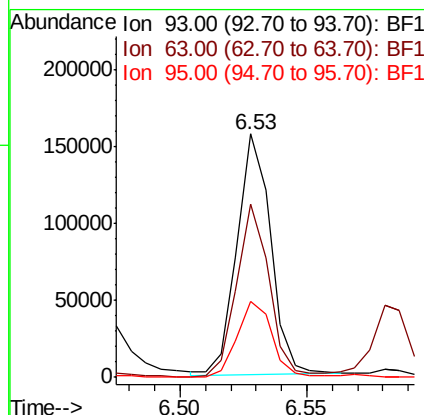
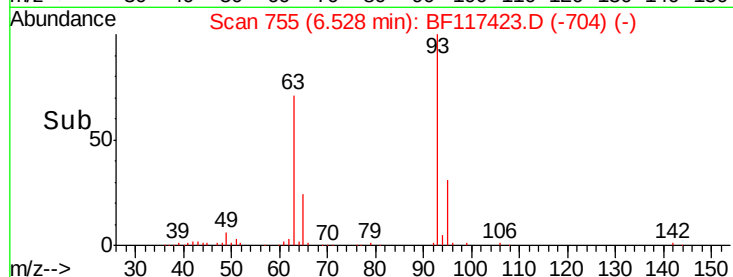
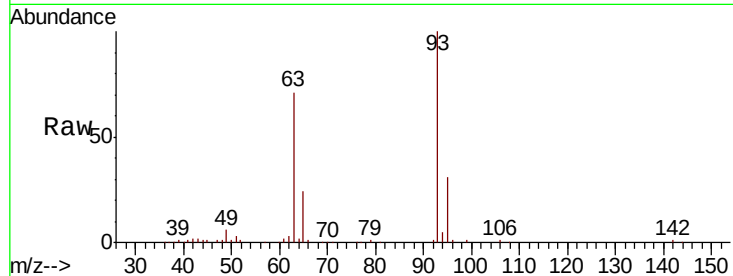




#11
bis(2-Chloroethyl)ether
Concen: 39.329 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

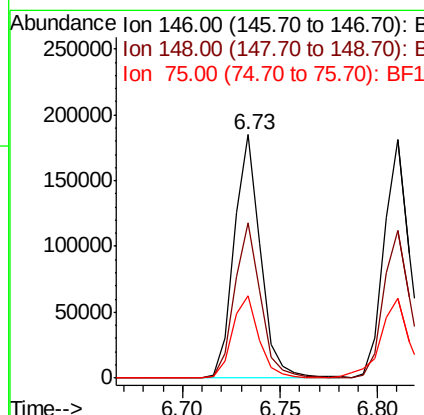
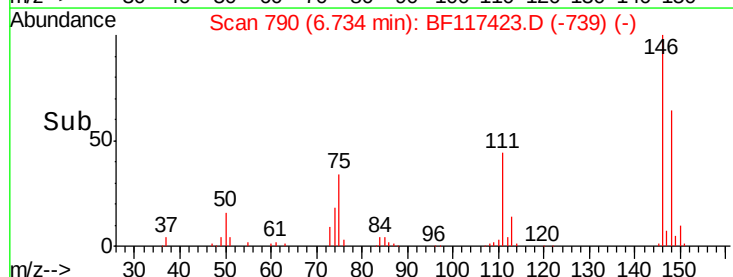
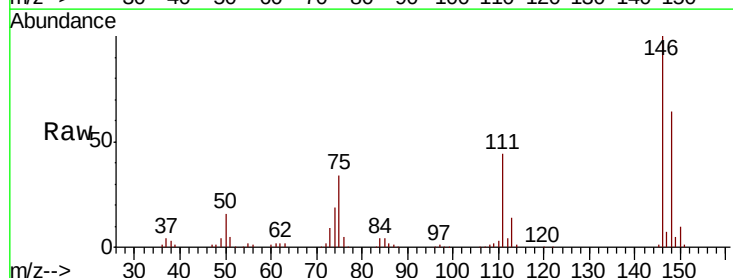
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

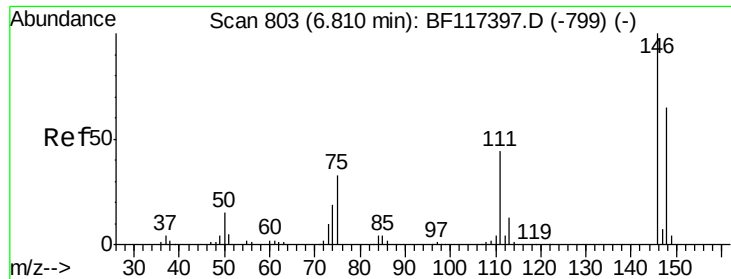
Tot Ion: 93 Resp: 143933
Ion Ratio Lower Upper
93 100
63 71.0 50.9 90.9
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.449 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 146 Resp: 173179
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
75 33.7 27.4 41.2

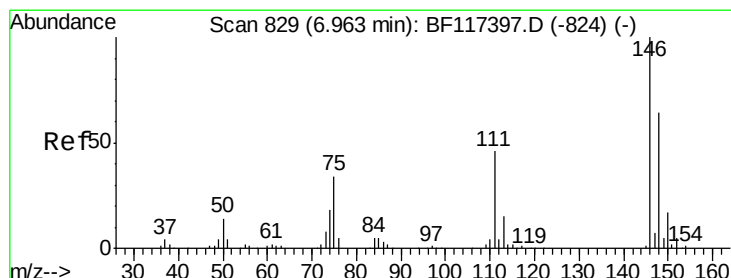
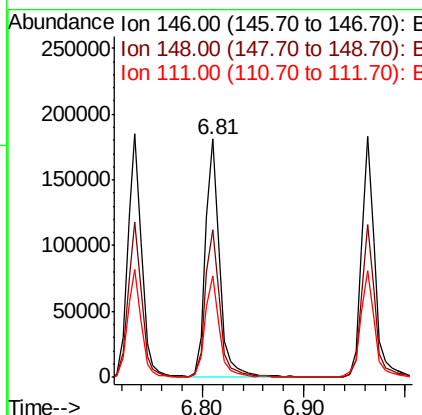
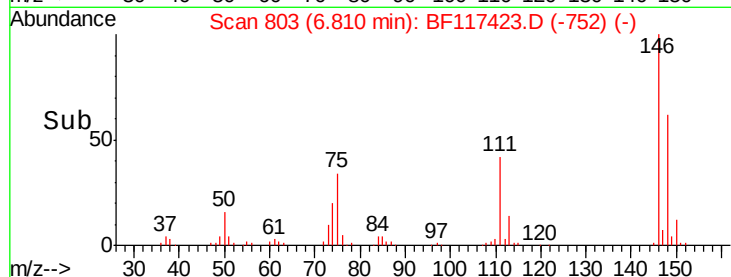
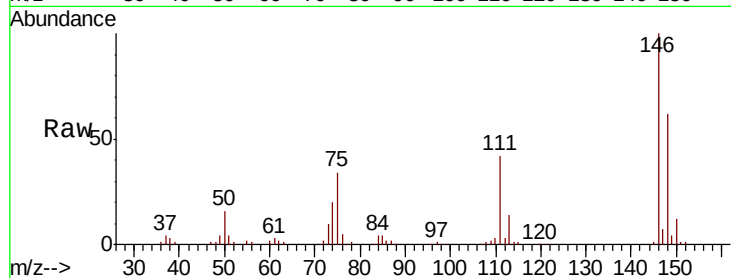




#13
 1,4-Dichlorobenzene
 Concen: 41.401 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

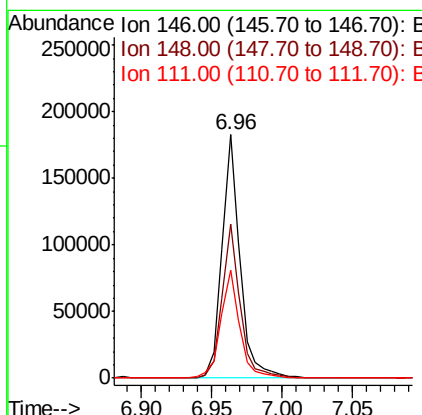
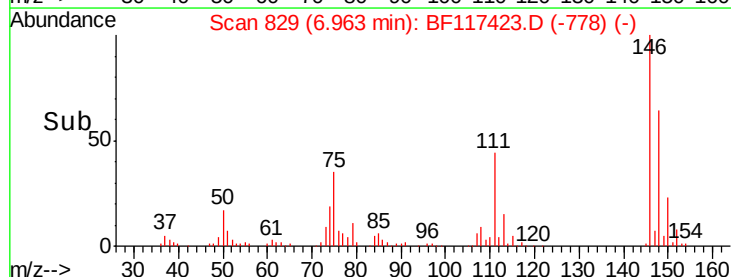
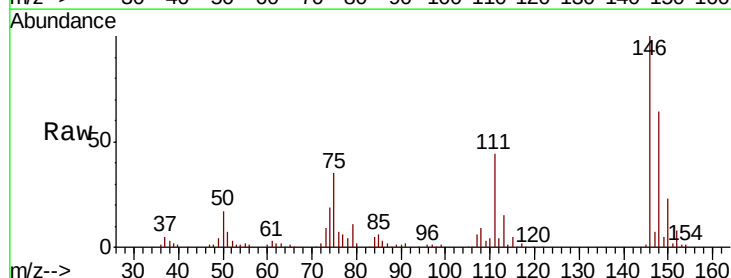
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

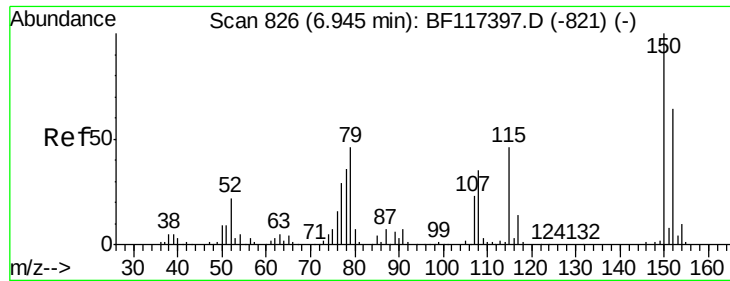
Tot Ion:146 Resp: 176330
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.2 78.2
 111 42.5 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 40.761 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:146 Resp: 163975
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 44.2 36.5 54.7

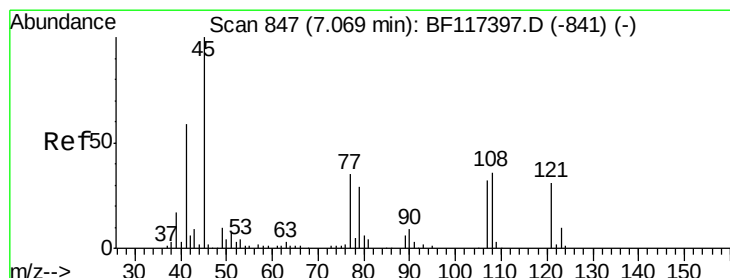
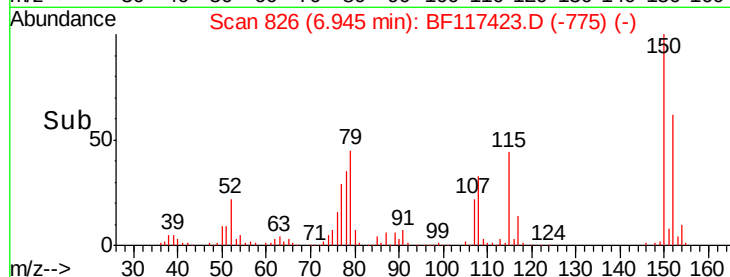
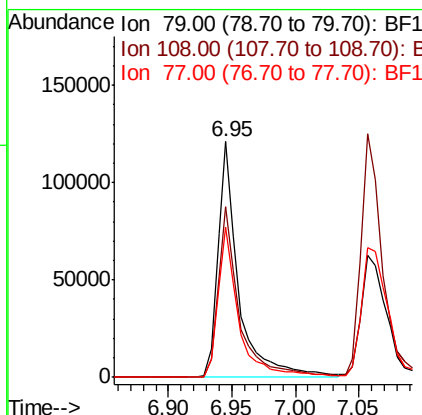
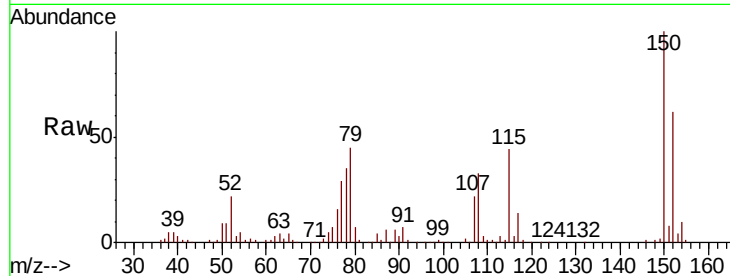




#15
Benzyl Alcohol
Concen: 40.618 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

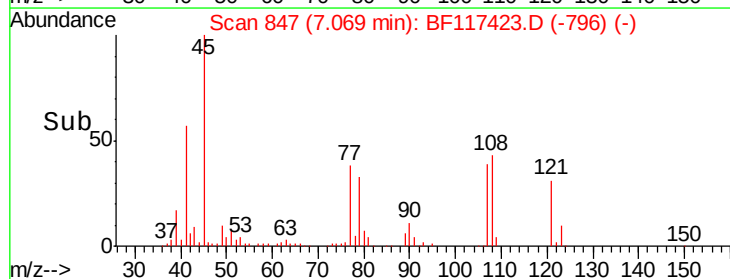
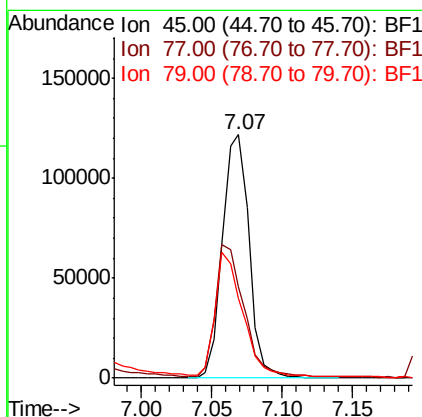
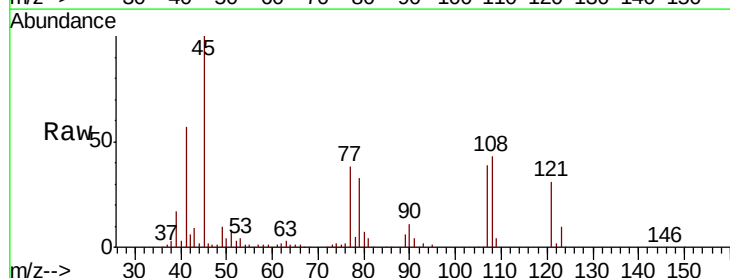
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

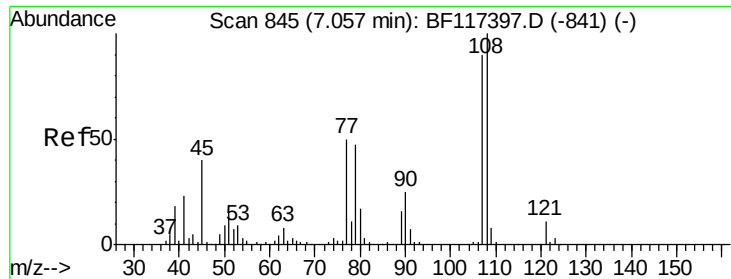
Tot Ion: 79 Resp: 138559
Ion Ratio Lower Upper
79 100
108 72.7 60.4 90.6
77 63.8 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.593 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 45 Resp: 159835
Ion Ratio Lower Upper
45 100
77 37.7 15.9 55.9
79 32.5 10.7 50.7

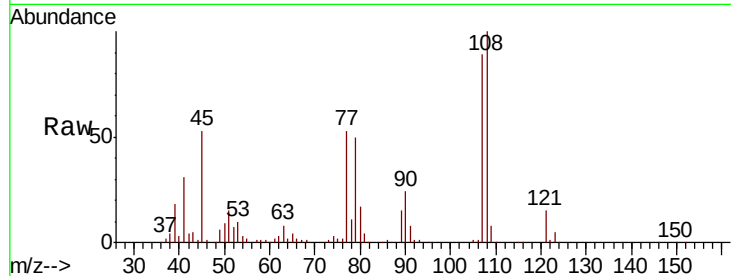




#17
2-Methylphenol
Concen: 40.307 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	125718
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.4	134.2
77	60.1	45.1	67.7
79	56.5	42.3	63.5



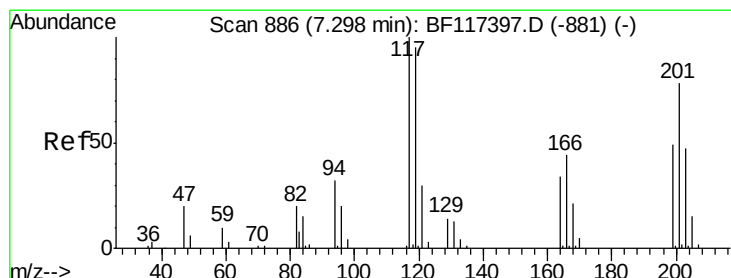
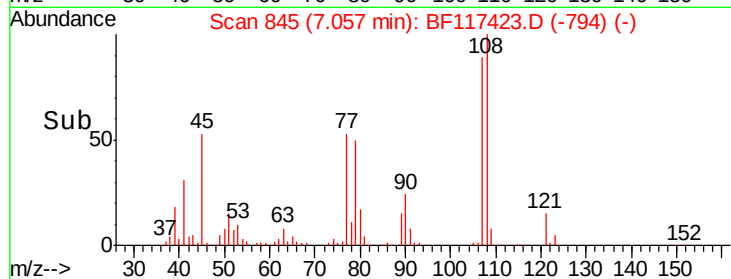
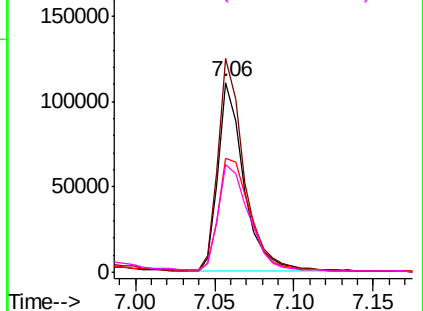
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

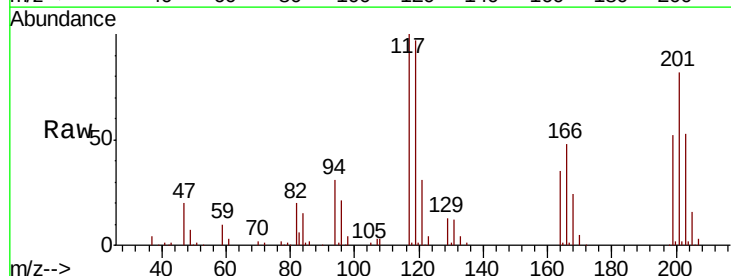
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.791 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:	117	Resp:	67546
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.7	113.5
201	82.1	62.2	93.4

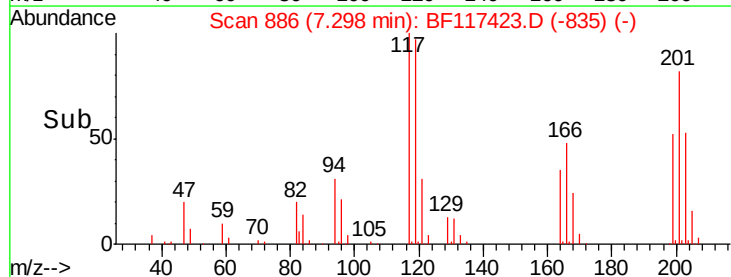
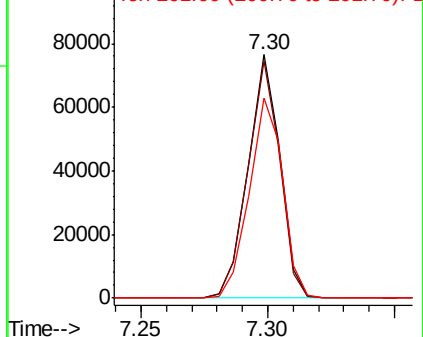


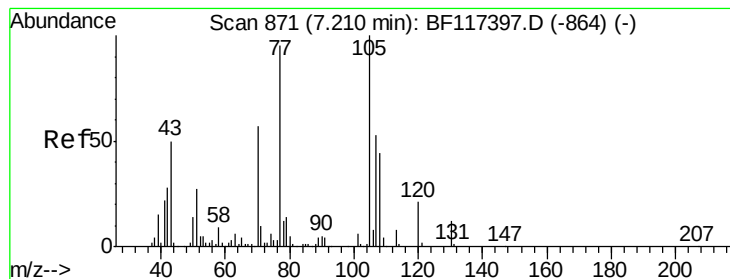
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.486 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 117943

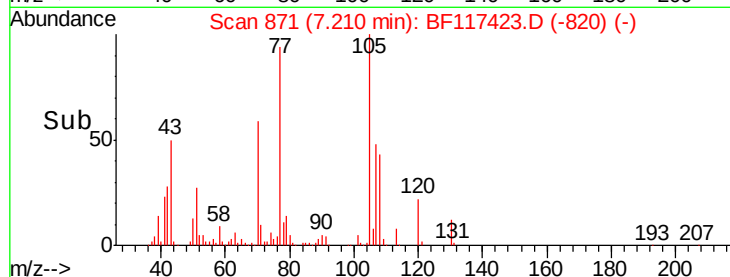
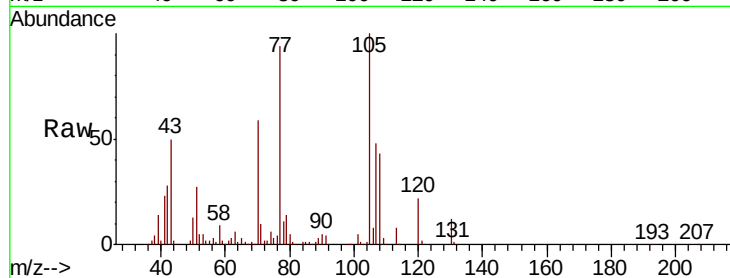
Ion Ratio Lower Upper

70 100

42 47.4 39.8 59.8

101 9.1 8.1 12.1

130 19.8 16.4 24.6

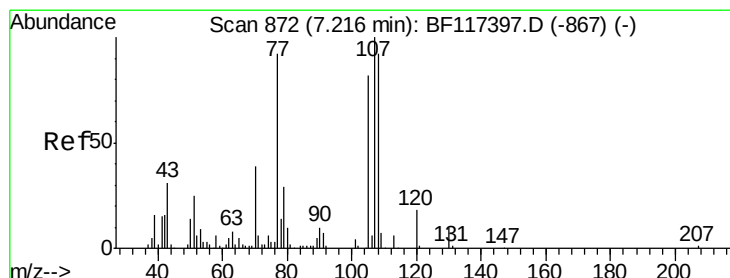
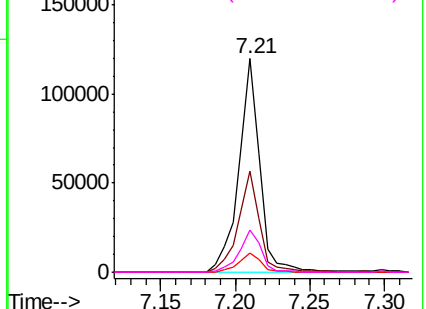


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.992 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Tgt Ion: 107 Resp: 164627

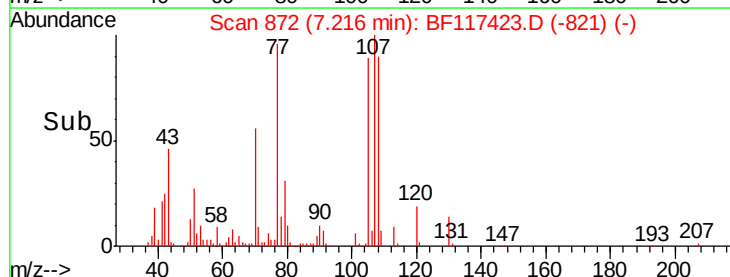
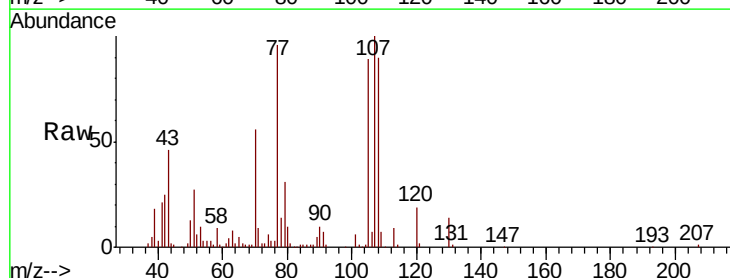
Ion Ratio Lower Upper

107 100

108 89.9 71.8 111.8

77 96.4 72.7 112.7

79 30.6 9.5 49.5

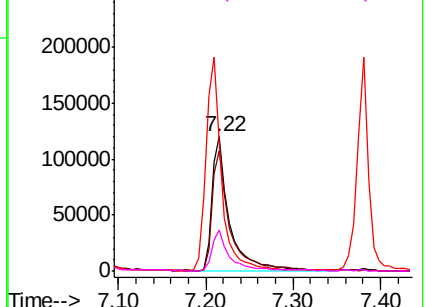


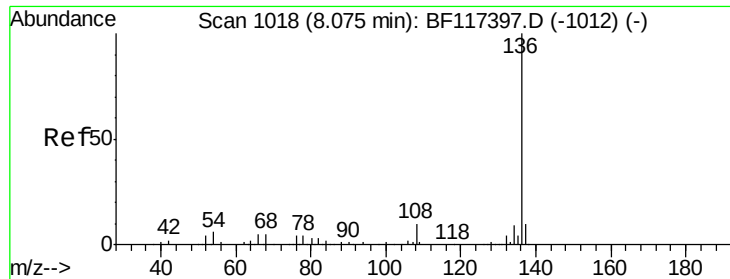
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 223439

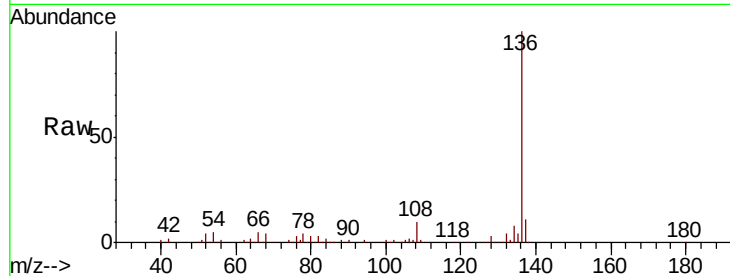
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 5.3 4.6 6.8

68 4.4 3.8 5.8

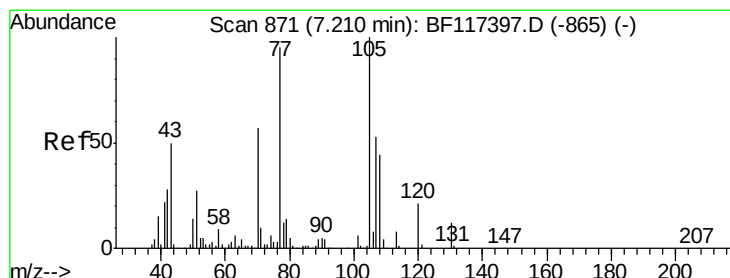
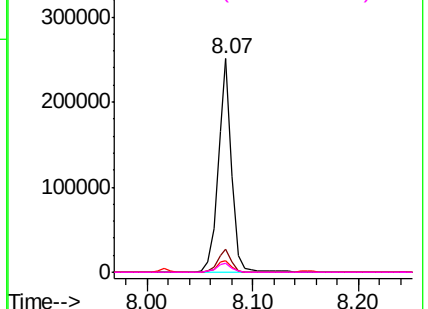
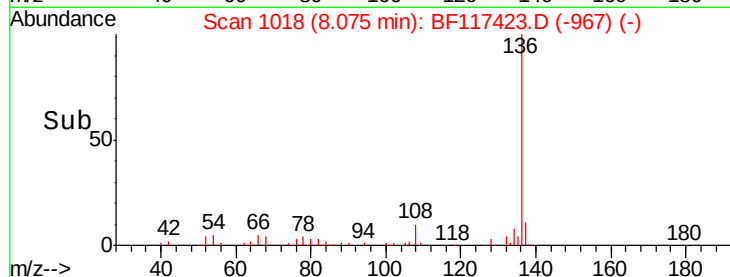


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.346 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Tgt Ion:105 Resp: 236559

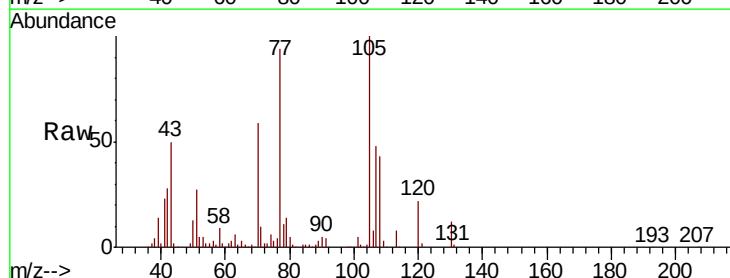
Ion Ratio Lower Upper

105 100

71 9.6 7.8 11.6

51 27.1 21.5 32.3

120 22.0 16.7 25.1

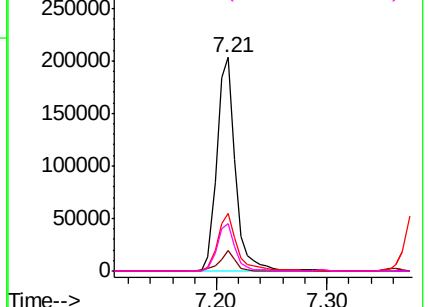
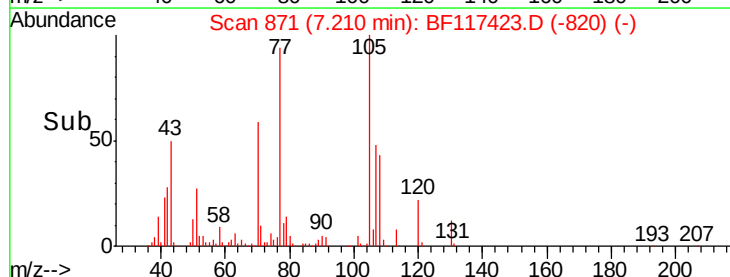


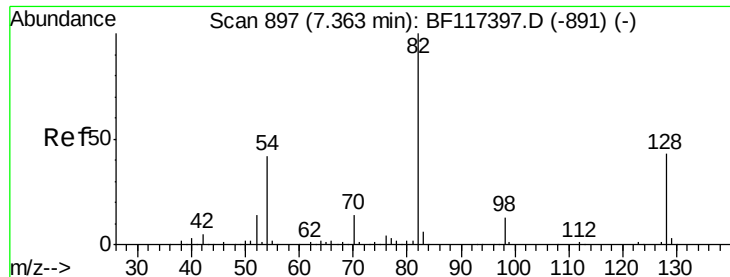
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

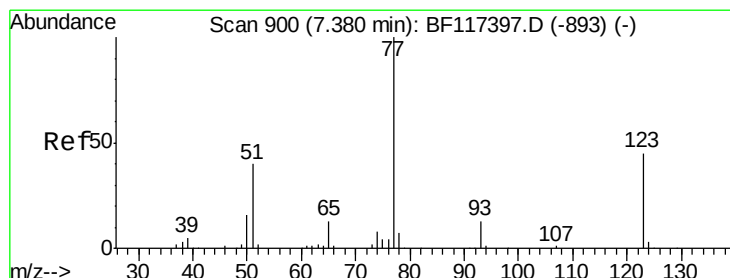
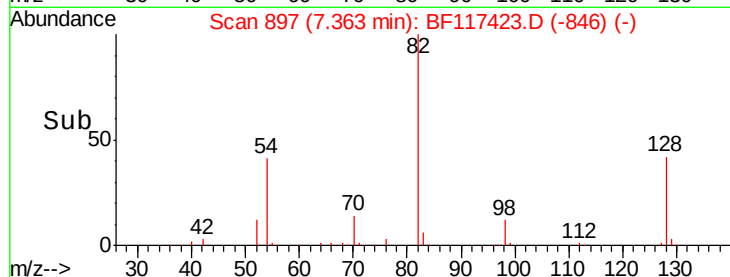
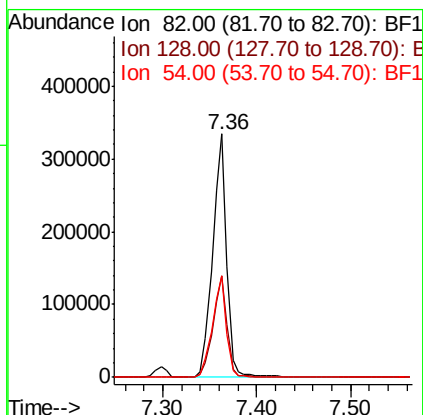
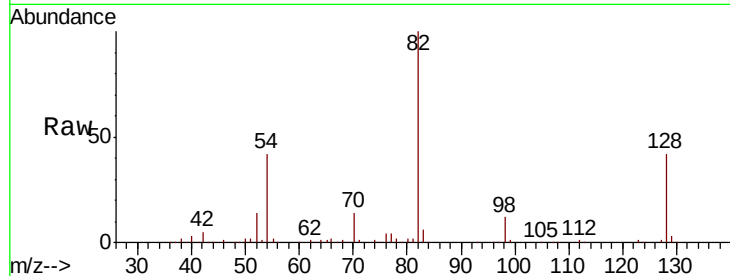




#23
 Nitrobenzene-d5
 Concen: 80.996 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

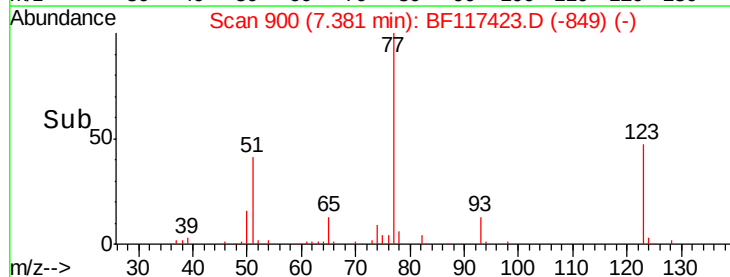
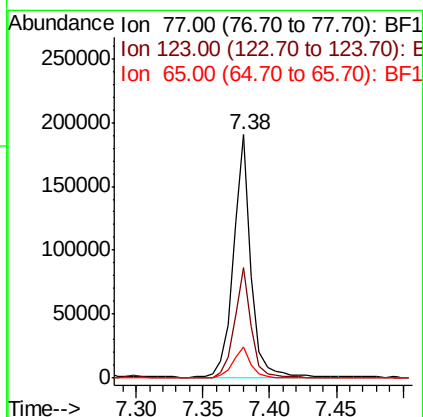
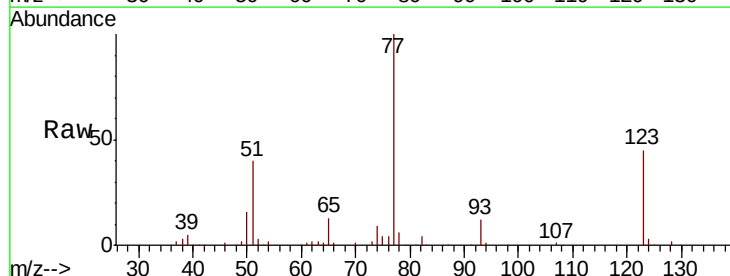
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

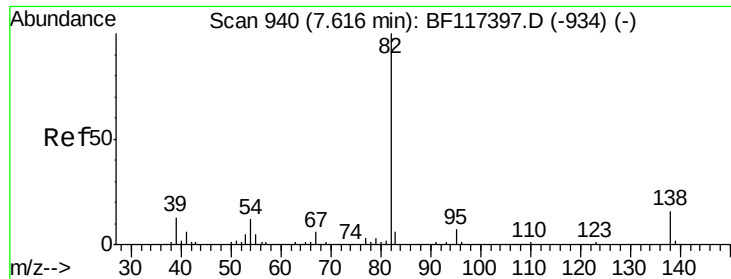
Tot Ion: 82 Resp: 357024
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.1 51.1
 54 41.9 33.3 49.9



#24
 Nitrobenzene
 Concen: 38.889 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion: 77 Resp: 171712
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.8 53.8
 65 12.6 10.1 15.1





#25

Isophorone

Concen: 40.160 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

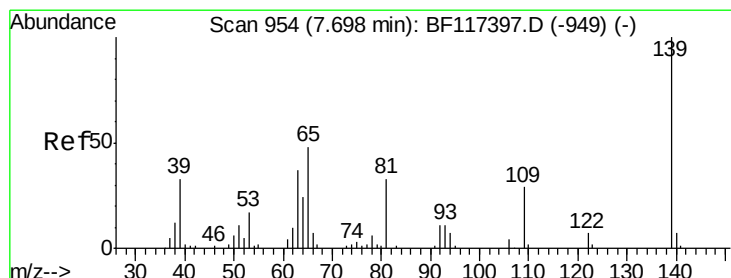
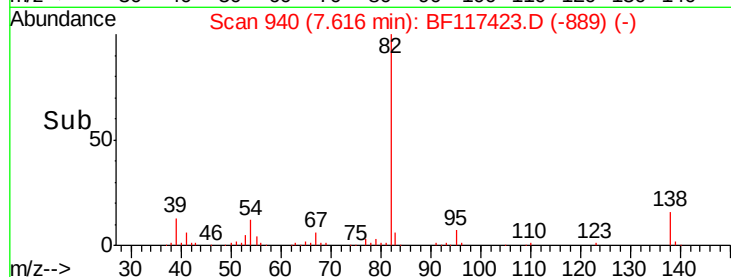
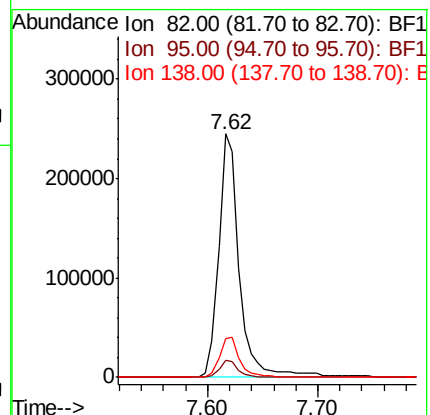
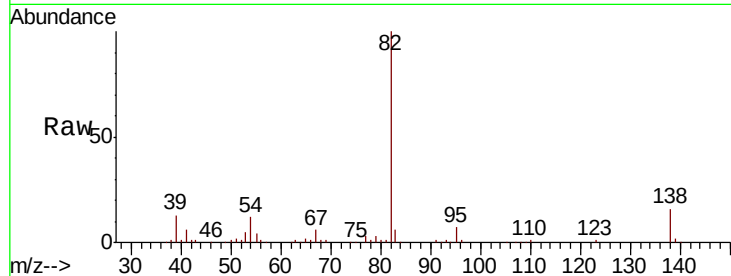
Tot Ion: 82 Resp: 315341

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 16.1 13.0 19.4



#26

2-Nitrophenol

Concen: 40.768 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

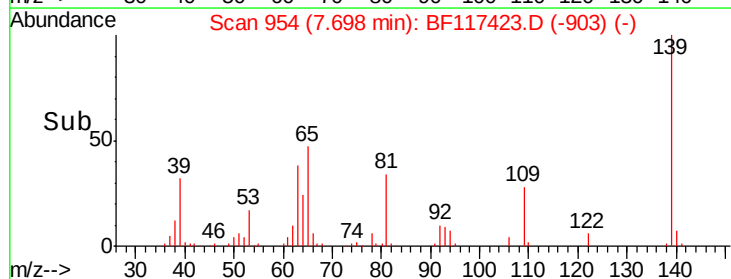
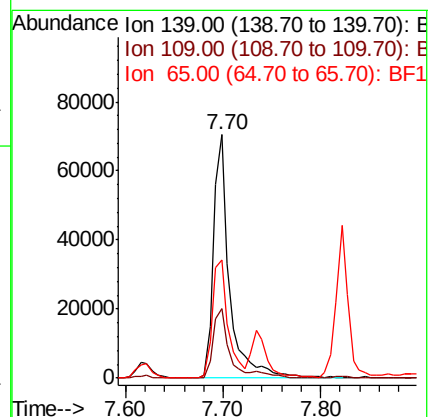
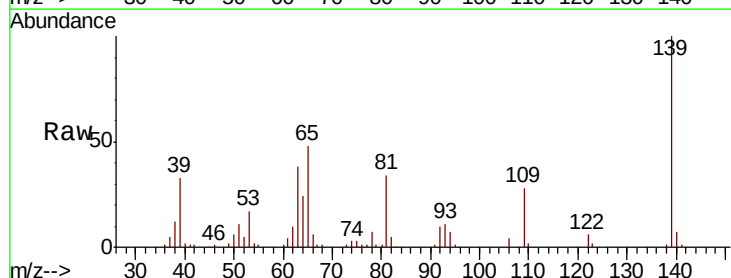
Tgt Ion: 139 Resp: 79866

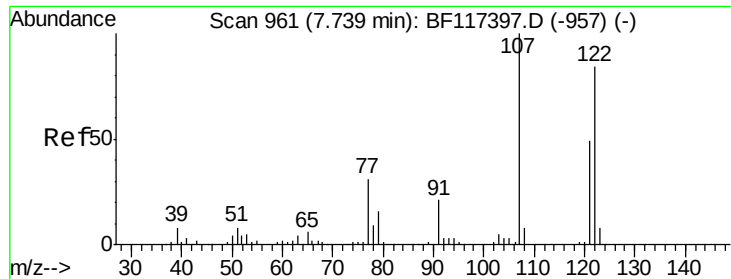
Ion Ratio Lower Upper

139 100

109 28.4 23.1 34.7

65 48.5 38.2 57.4

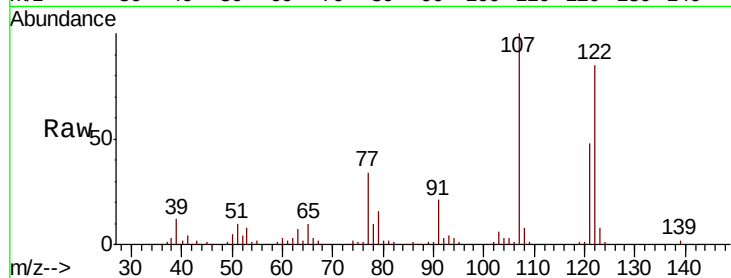




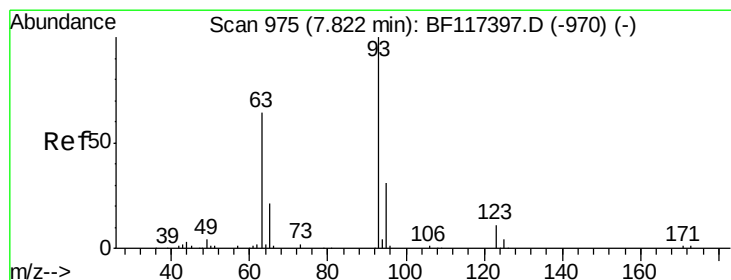
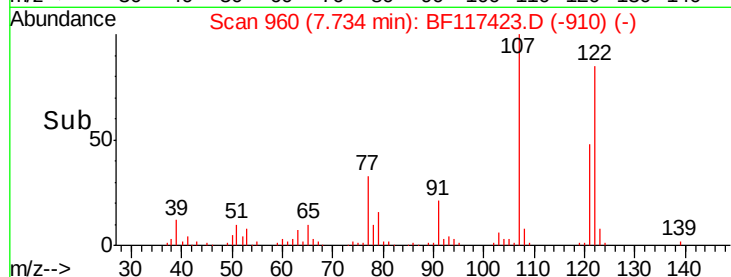
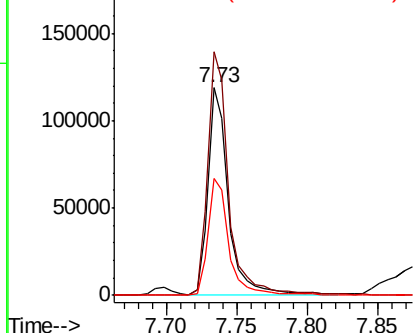
#27
2,4-Dimethylphenol
Concen: 39.547 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 117748
Ion Ratio Lower Upper
122 100
107 117.4 95.0 142.6
121 56.1 46.6 69.8

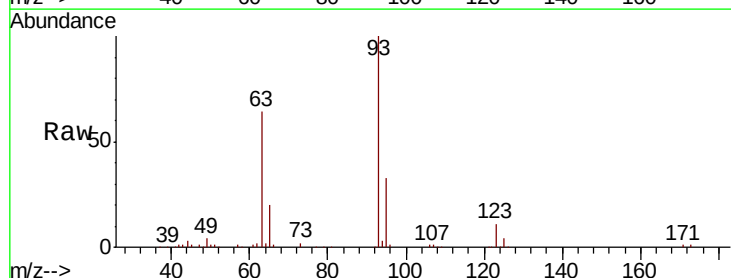


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

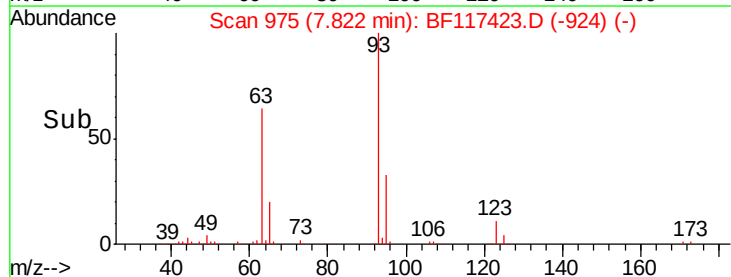
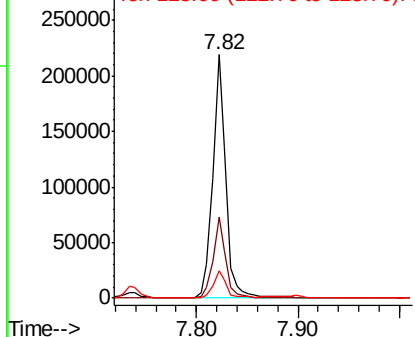


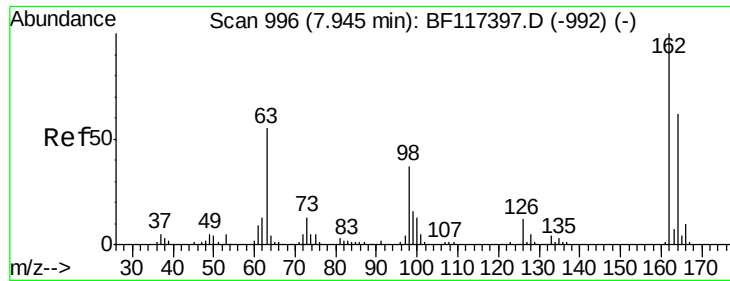
#28
bis(2-Chloroethoxy)methane
Concen: 40.761 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 93 Resp: 198414
Ion Ratio Lower Upper
93 100
95 33.4 25.1 37.7
123 11.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

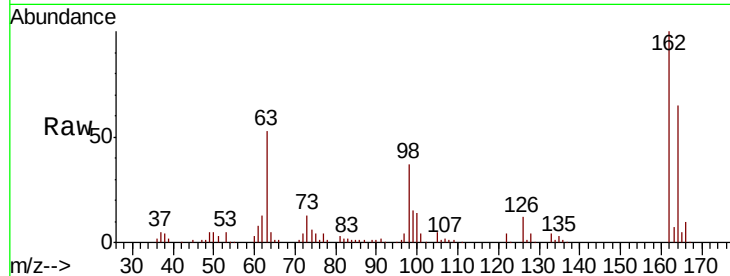




#29
2,4-Dichlorophenol
Concen: 40.910 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.2	82.2
98	37.2	17.4	57.4

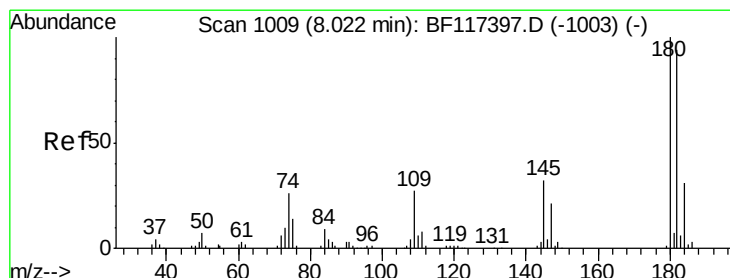
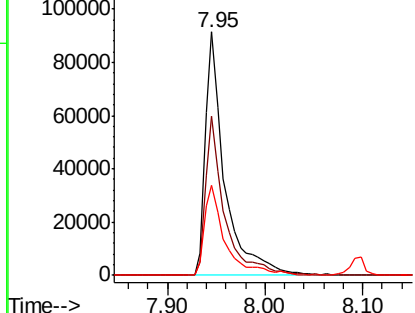
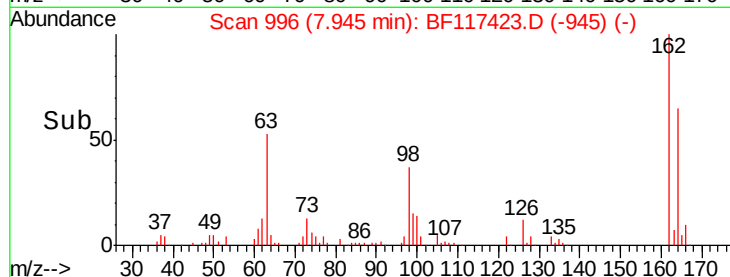


Abundance

Ion 162.00 (161.70 to 162.70): E

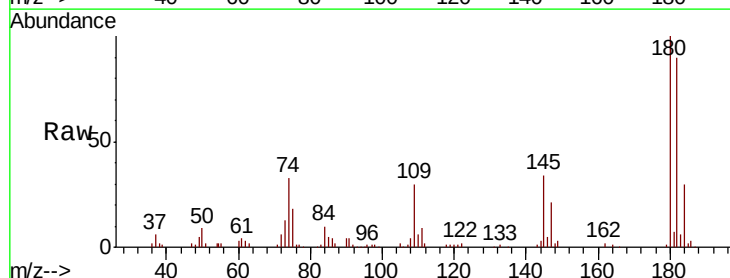
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.749 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.3	75.4	113.2
145	33.9	25.5	38.3

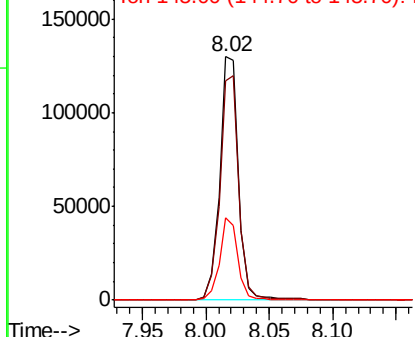
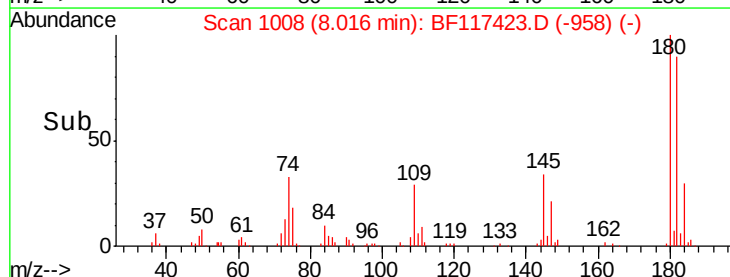


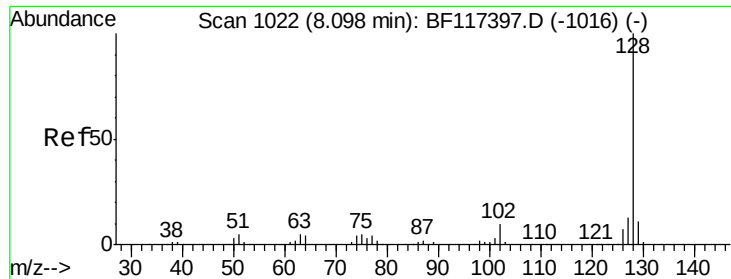
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

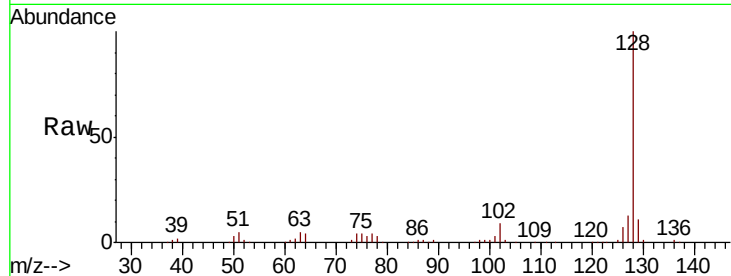




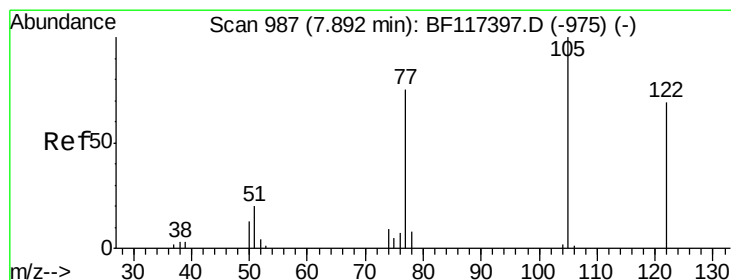
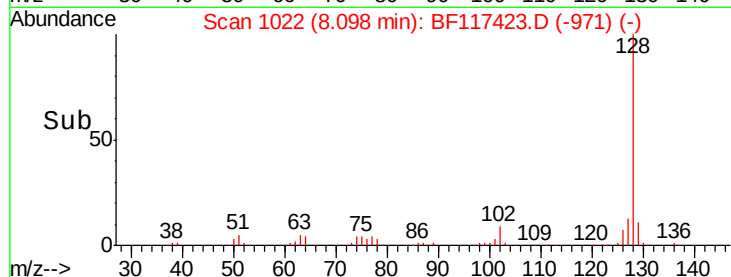
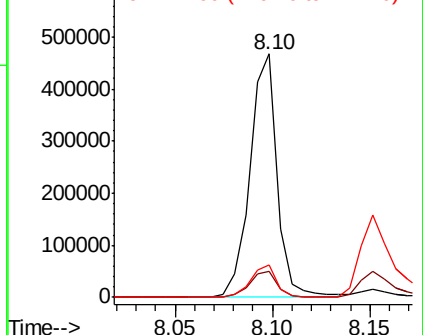
#31
Naphthalene
Concen: 40.437 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 451218
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.2 10.4 15.6

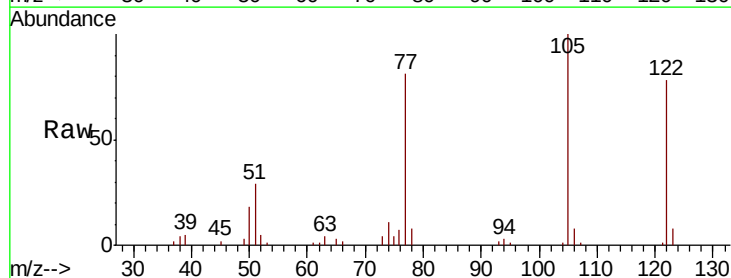


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

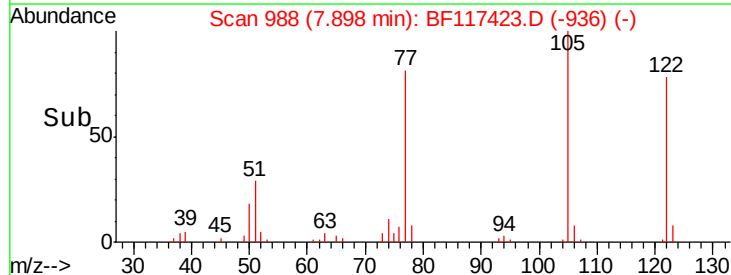
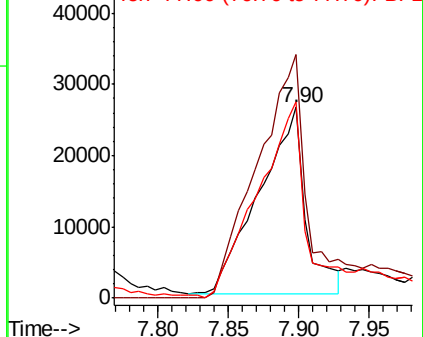


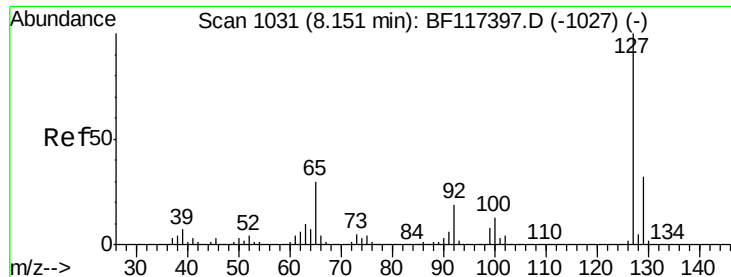
#32
Benzoic acid
Concen: 32.285 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:122 Resp: 59518
Ion Ratio Lower Upper
122 100
105 127.8 121.5 161.5
77 103.2 88.3 128.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

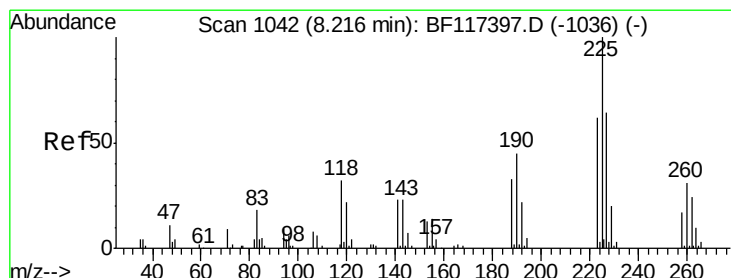
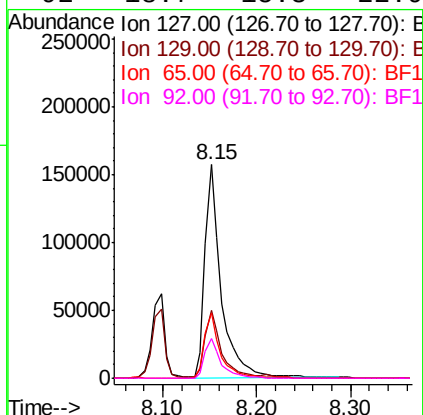
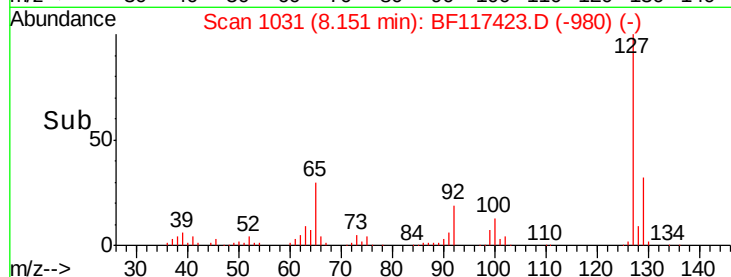
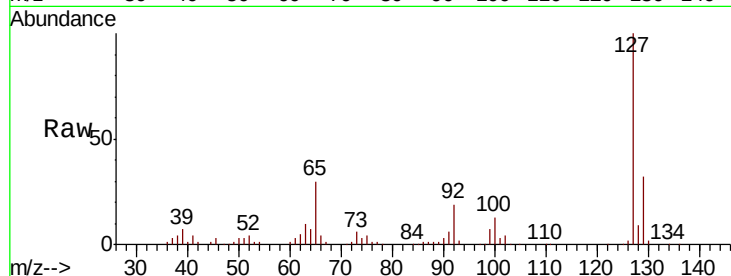




#33
4-Chloroaniline
Concen: 40.400 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

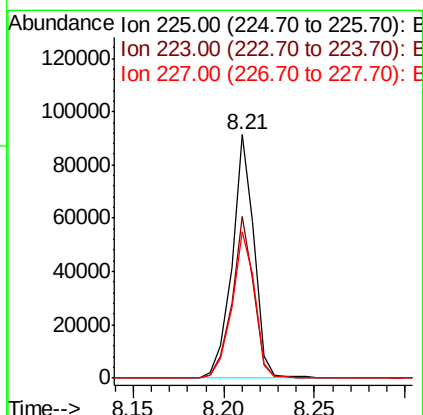
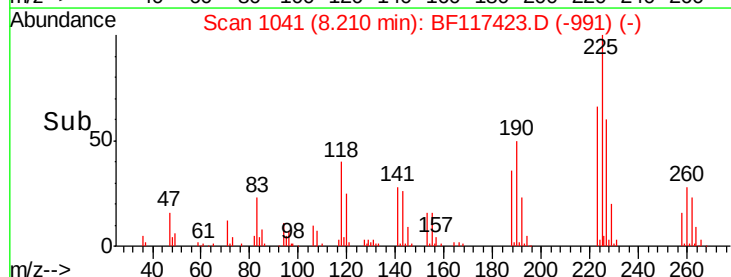
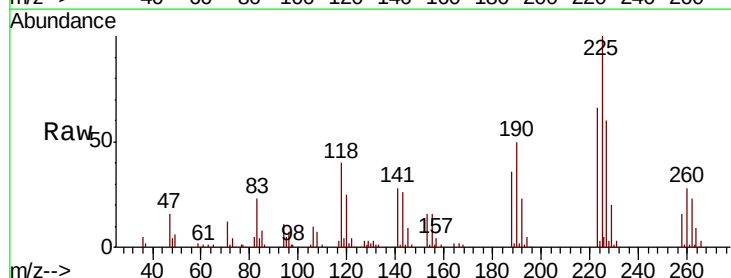
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

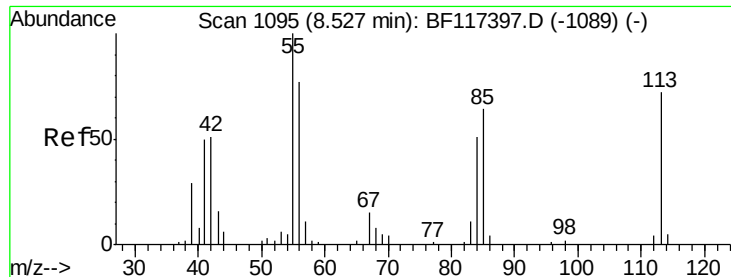
Tot Ion:	127	Resp:	191454
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.0
65	30.4	23.8	35.8
92	18.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.482 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:	225	Resp:	76786
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.7	74.5
227	60.1	50.9	76.3

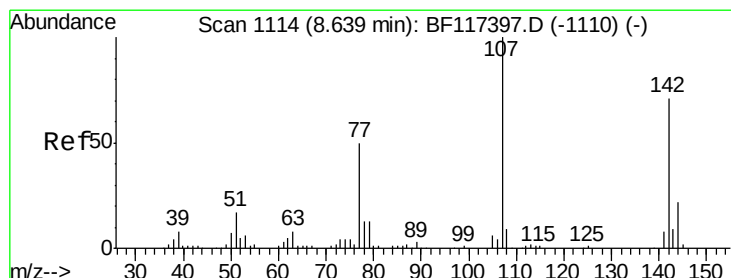
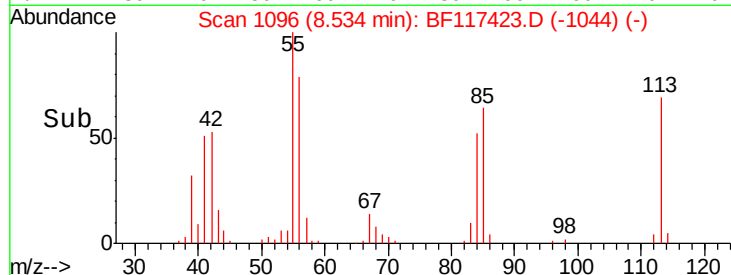
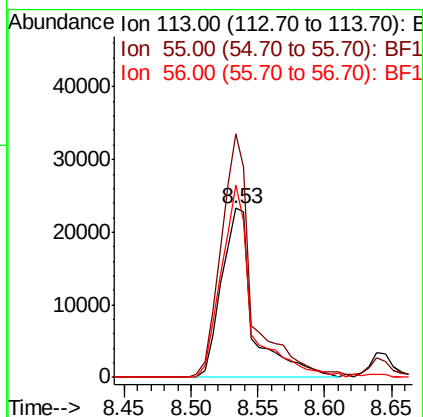
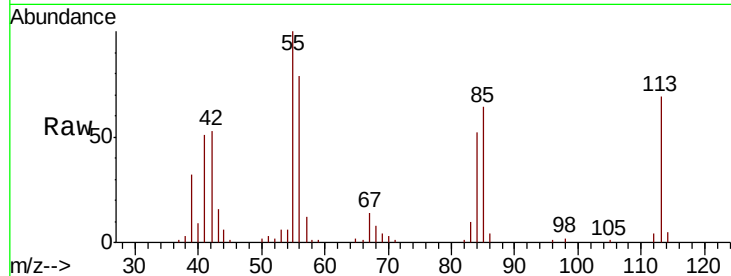




#35
 Caprolactam
 Concen: 40.668 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

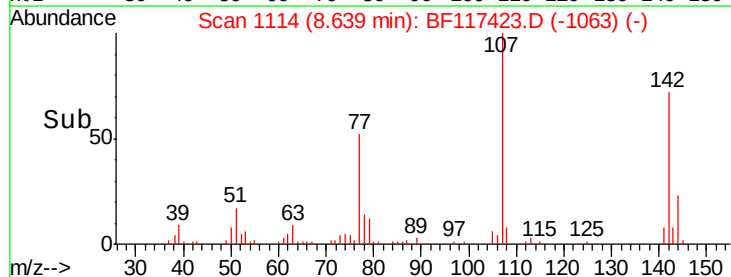
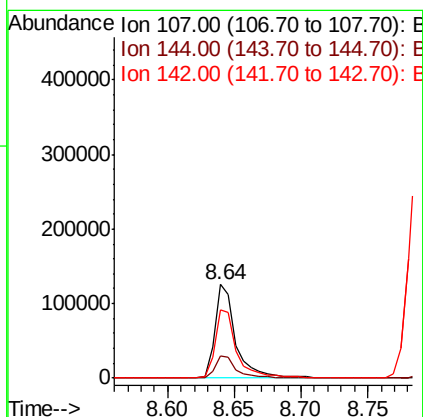
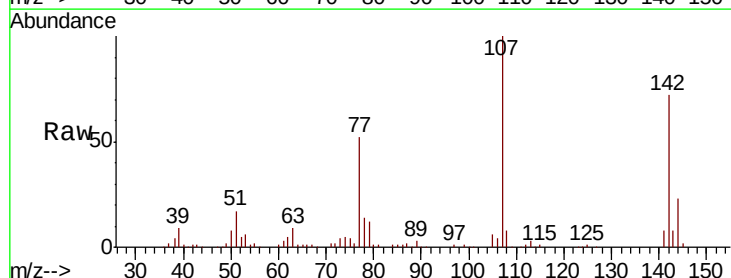
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

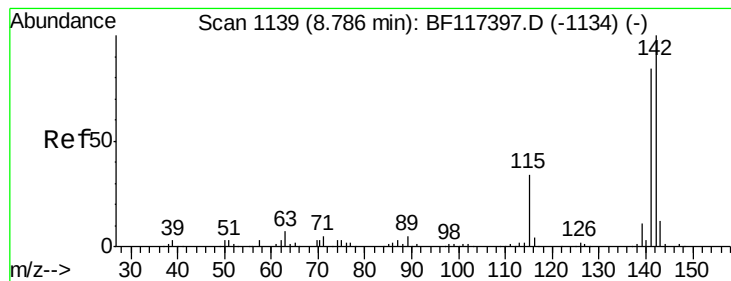
Tot Ion:113 Resp: 39126
 Ion Ratio Lower Upper
 113 100
 55 144.2 118.5 158.5
 56 113.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.050 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:107 Resp: 140004
 Ion Ratio Lower Upper
 107 100
 144 23.1 17.9 26.9
 142 72.3 56.9 85.3





#37

2-Methylnaphthalene

Concen: 40.348 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

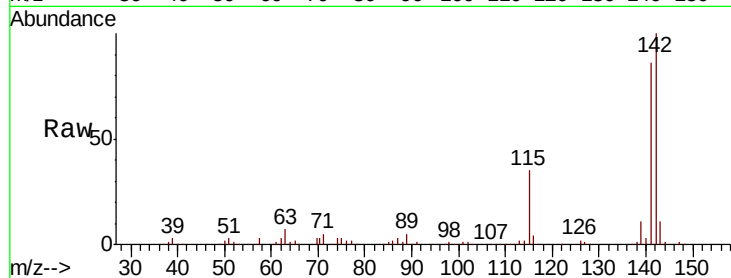
Tot Ion:142 Resp: 304022

Ion Ratio Lower Upper

142 100

141 86.2 67.2 100.8

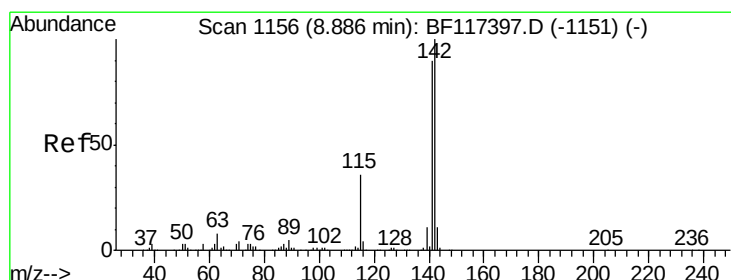
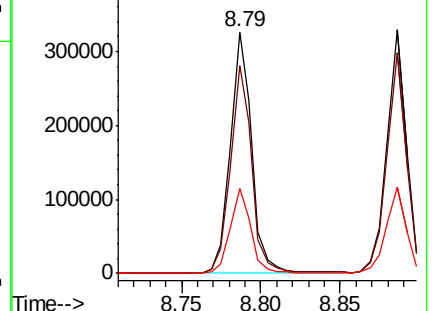
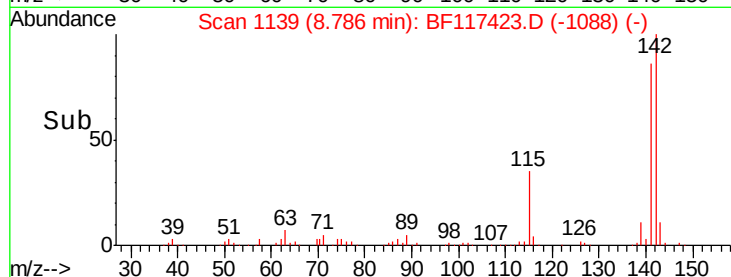
115 35.1 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.855 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

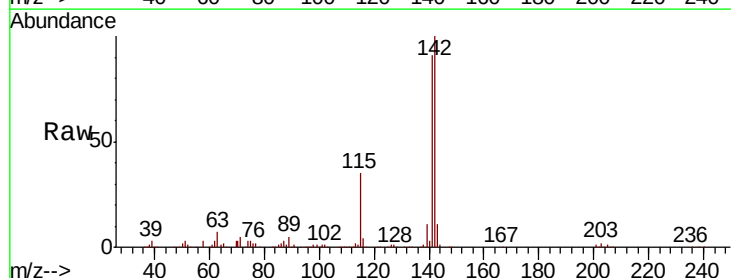
Tgt Ion:142 Resp: 282946

Ion Ratio Lower Upper

142 100

141 90.6 71.8 107.8

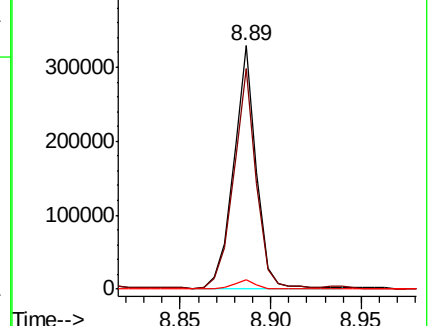
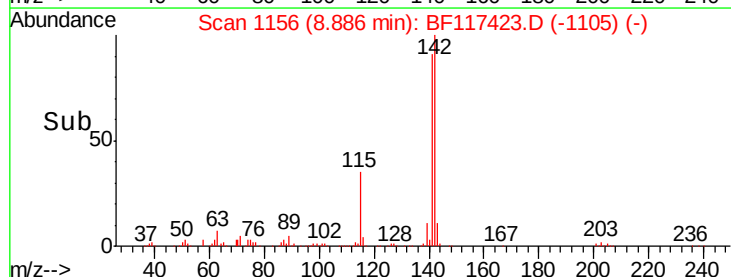
116 3.9 2.9 4.3

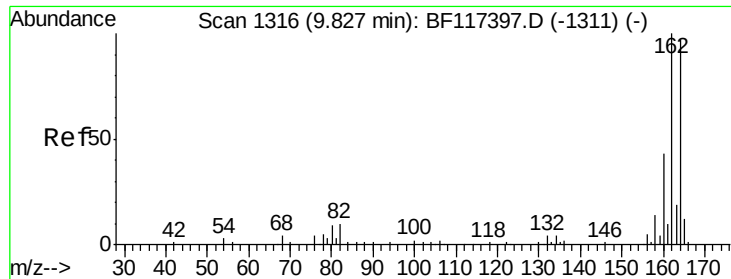


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

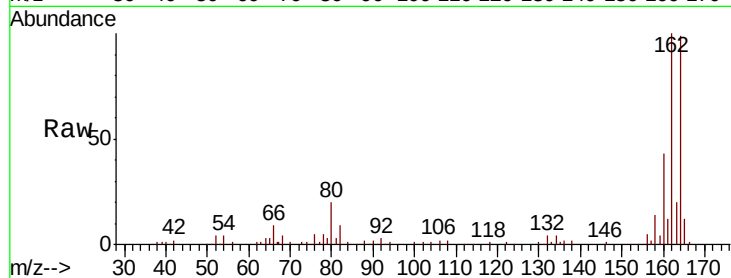
Tot Ion:164 Resp: 114724

Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

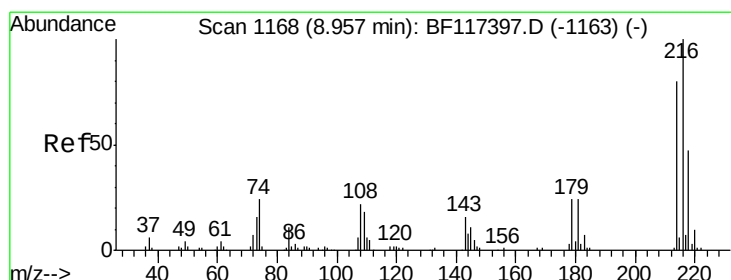
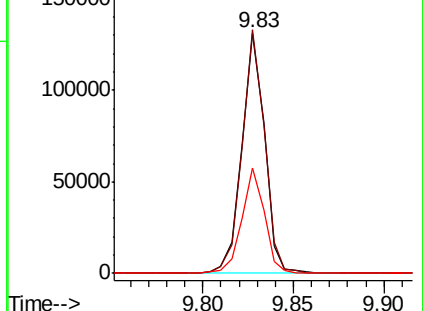
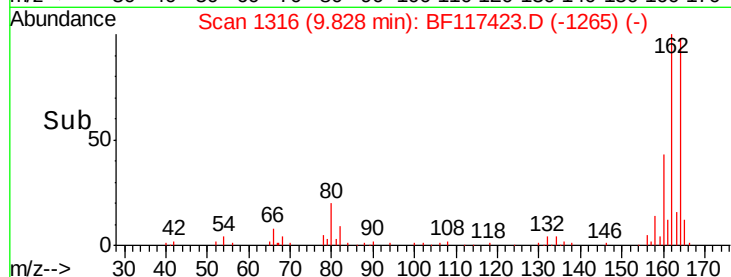
160 43.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.899 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Tgt Ion:216 Resp: 123192

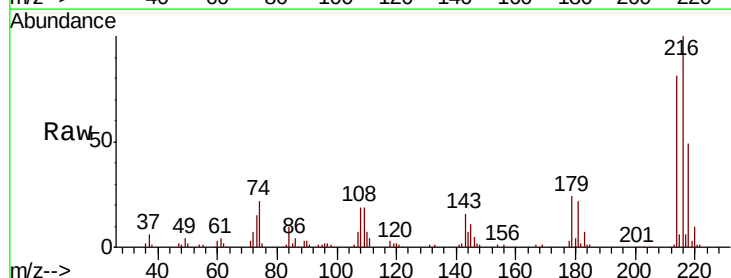
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 23.4 18.6 28.0

108 20.7 17.0 25.4

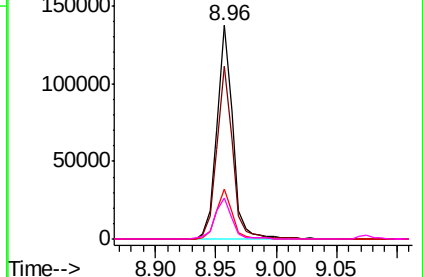
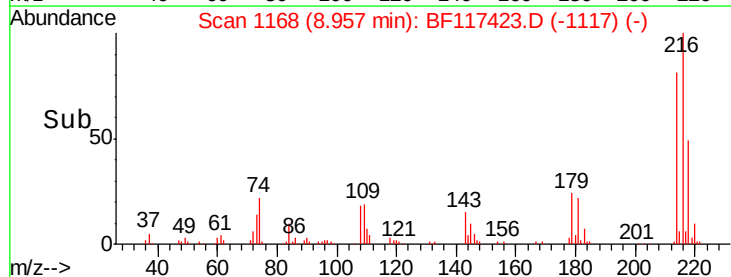


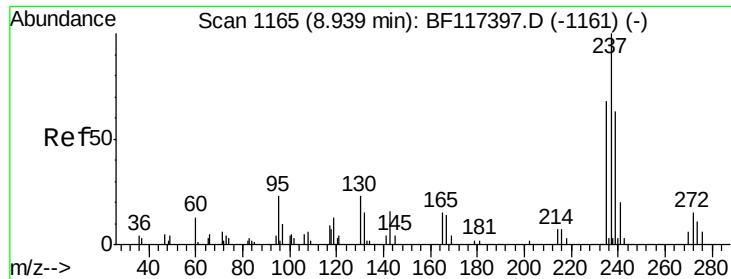
Abundance Ion 216.00 (215.70 to 216.70): E

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: 31.214 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

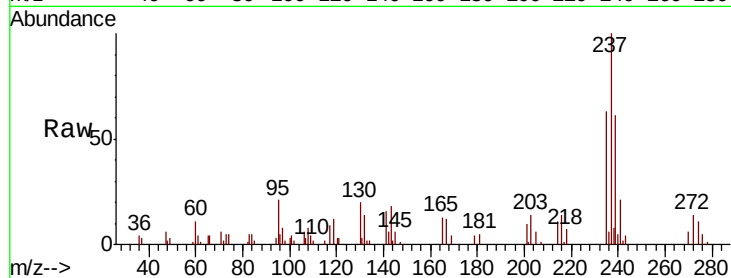
Tot Ion:237 Resp: 17997

Ion Ratio Lower Upper

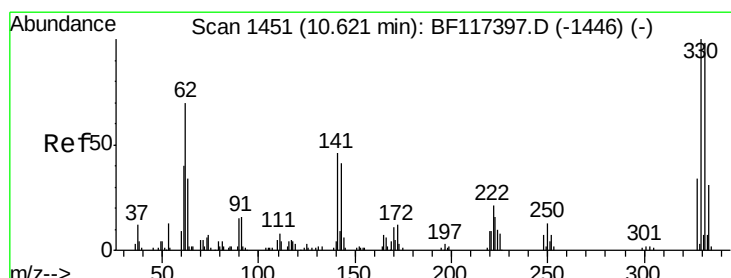
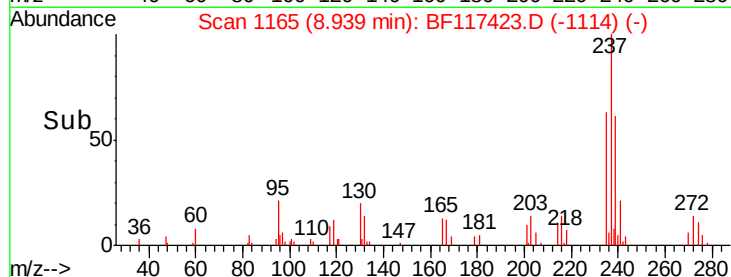
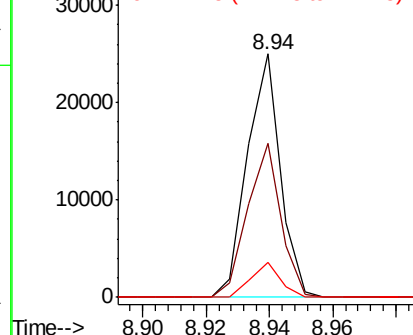
237 100

235 63.3 47.8 87.8

272 14.2 0.0 35.0



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: 80.567 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

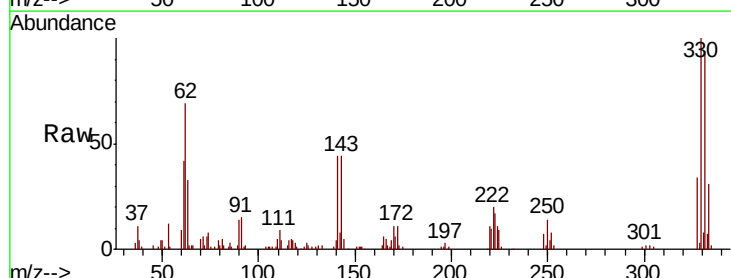
Tgt Ion:330 Resp: 75225

Ion Ratio Lower Upper

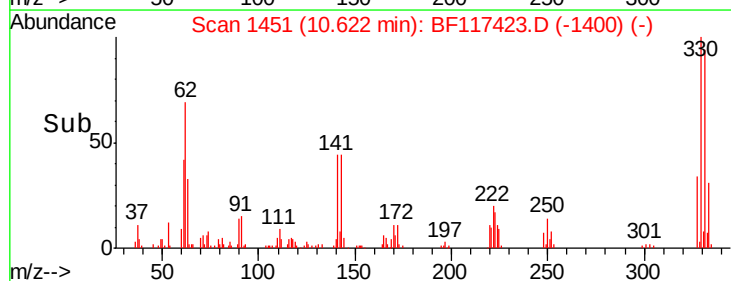
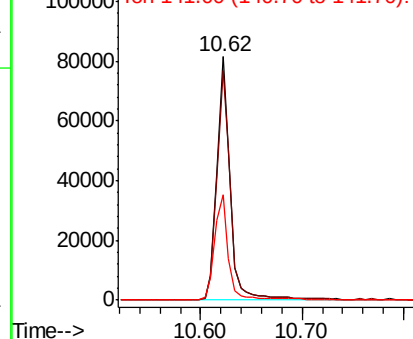
330 100

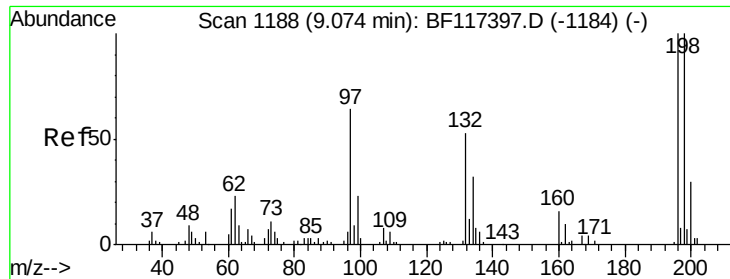
332 95.8 75.0 112.6

141 43.9 34.2 51.4



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

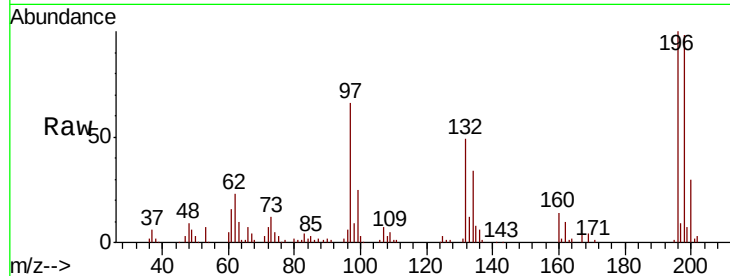




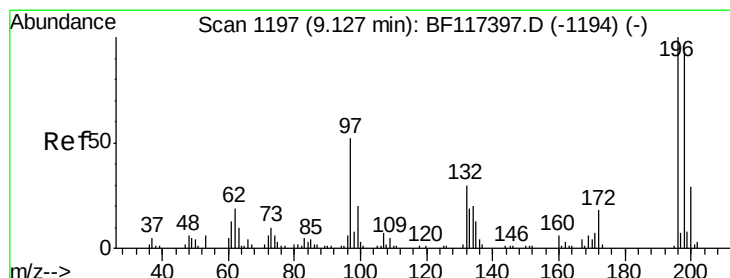
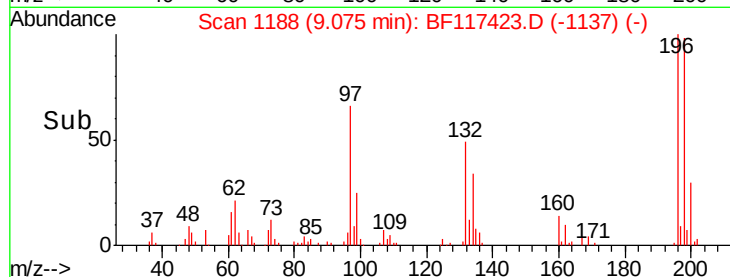
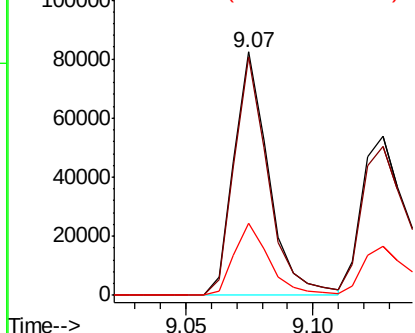
#43
 2,4,6-Trichlorophenol
 Concen: 40.105 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 78365
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.8 119.6
 200 29.6 23.7 35.5

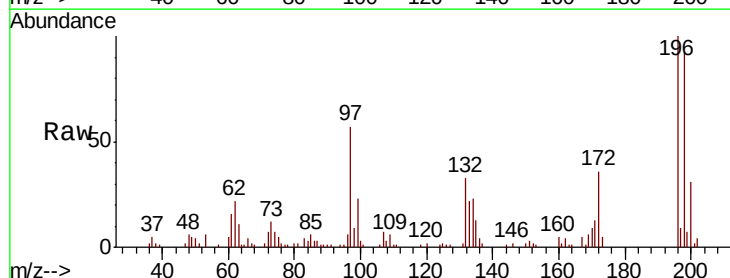


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

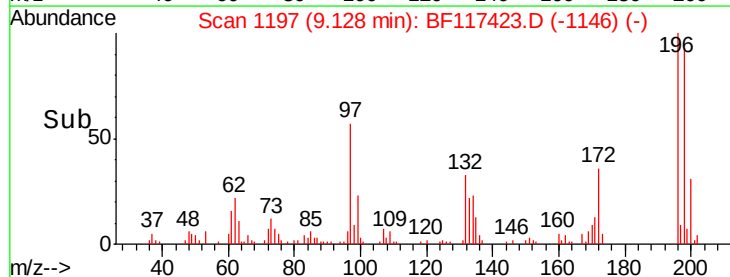
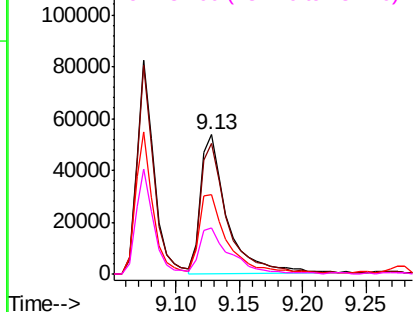


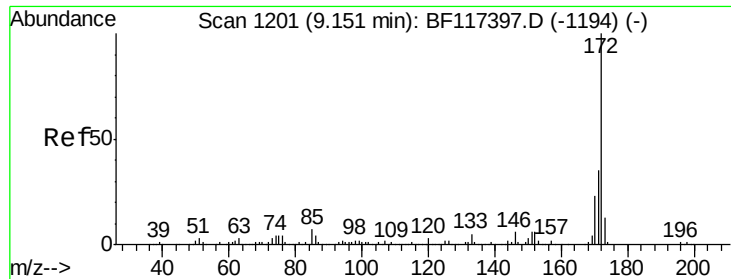
#44
 2,4,5-Trichlorophenol
 Concen: 38.681 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:196 Resp: 77096
 Ion Ratio Lower Upper
 196 100
 198 93.4 74.9 112.3
 97 57.4 42.5 63.7
 132 32.9 24.7 37.1



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

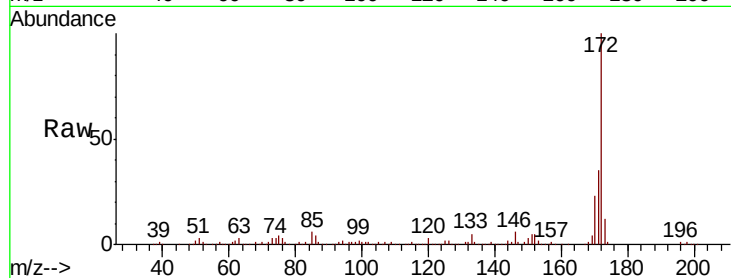




#45
2-Fluorobiphenyl
Concen: 81.613 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.0	18.2	27.2

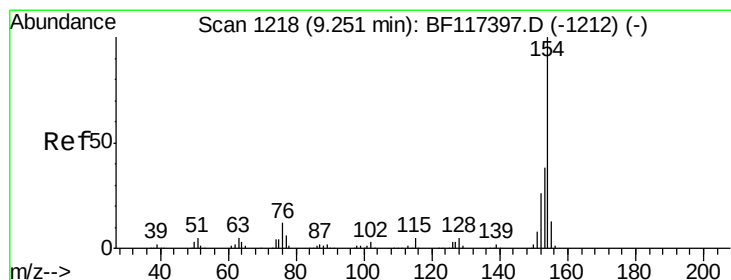
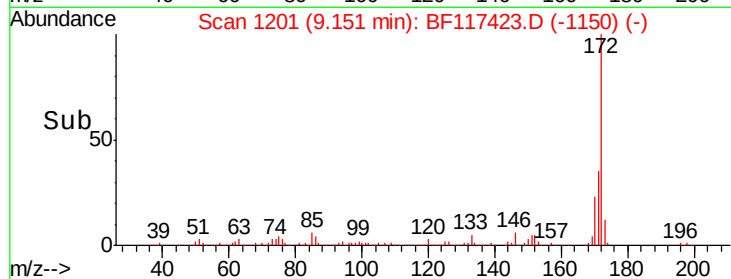
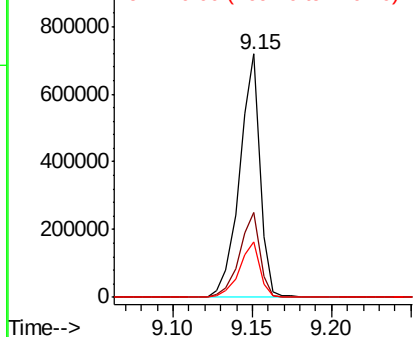


Abundance

Ion 172.00 (171.70 to 172.70): E

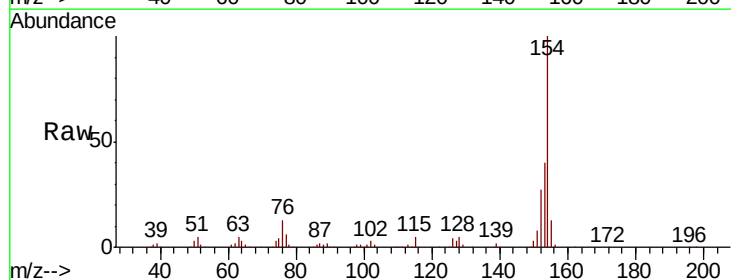
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.158 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	18.3	58.3
76	12.6	0.0	32.3

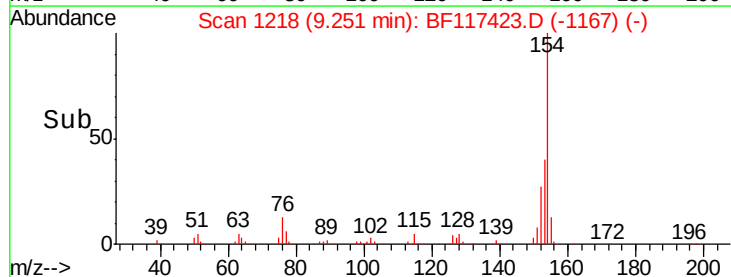
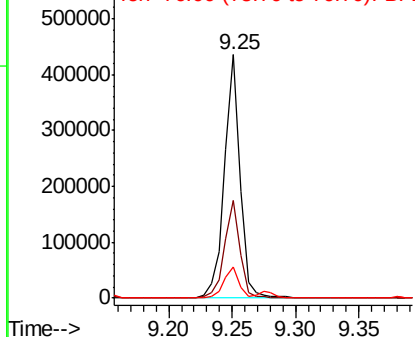


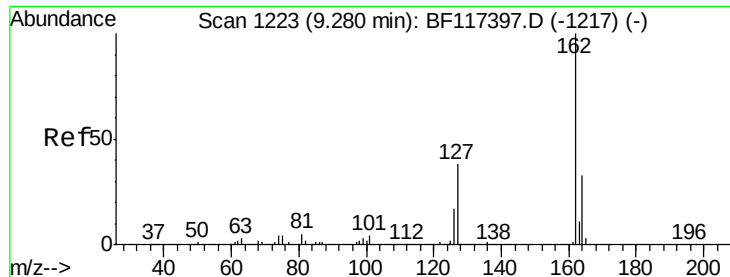
Abundance

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

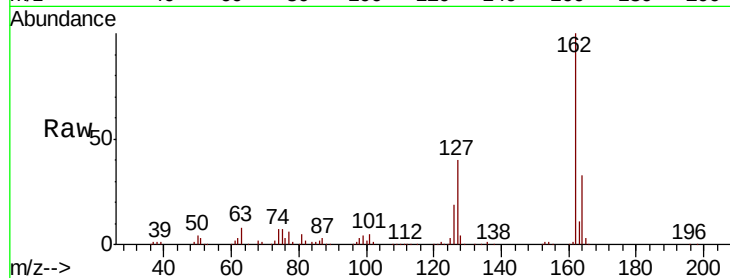




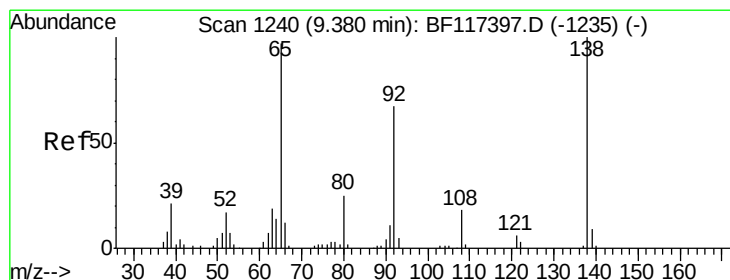
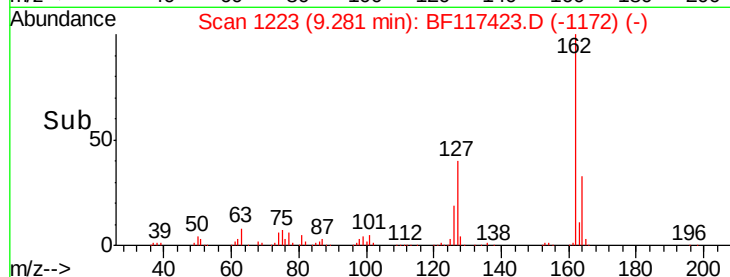
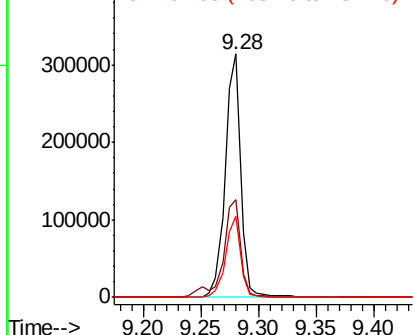
#47
2-Chloronaphthalene
Concen: 40.267 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	48.8
164	33.1	26.2	39.4

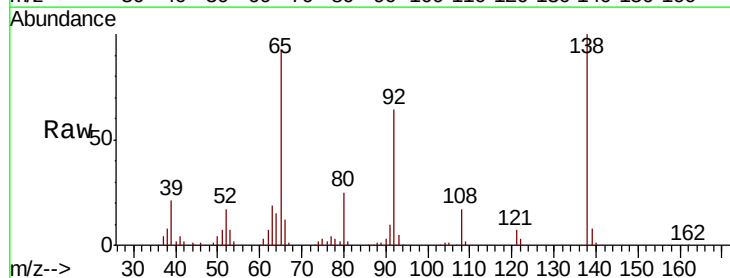


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

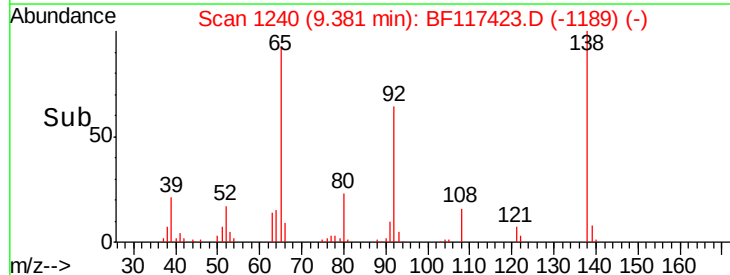
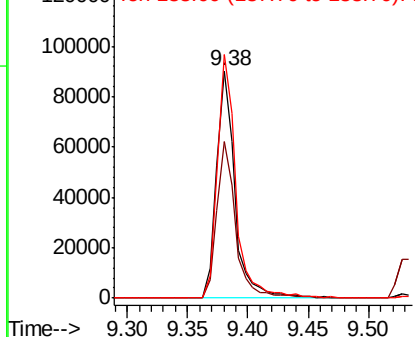


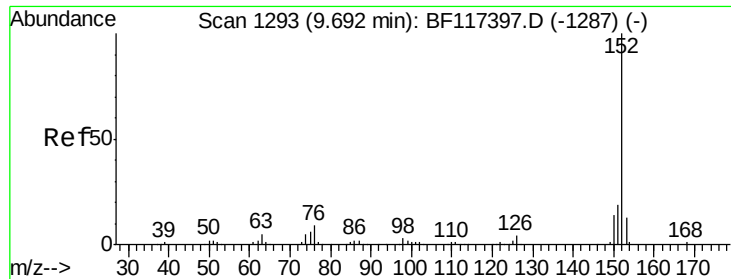
#48
2-Nitroaniline
Concen: 40.392 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.4	83.0
138	107.2	82.6	124.0



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: 40.312 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

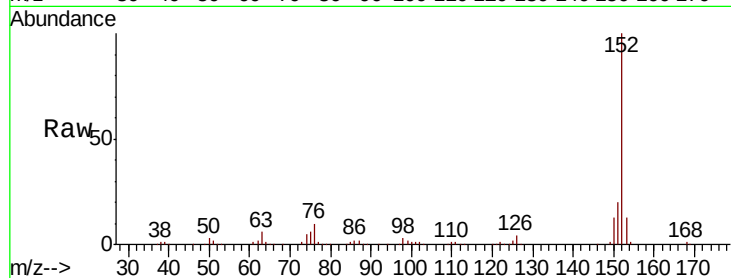
Tot Ion:152 Resp: 431767

Ion Ratio Lower Upper

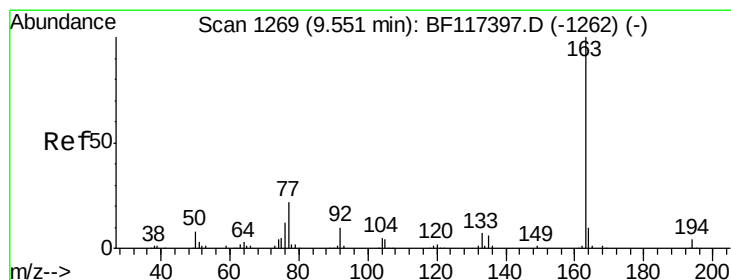
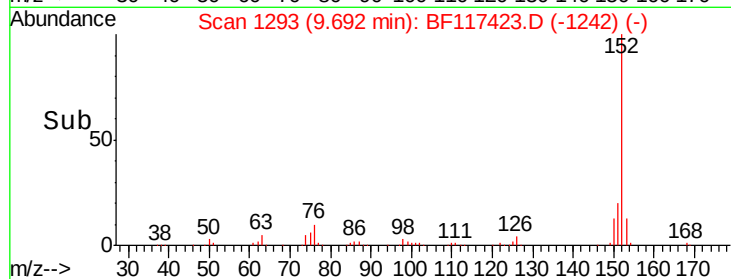
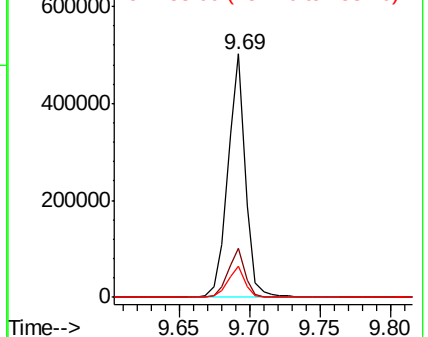
152 100

151 20.0 15.5 23.3

153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.134 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

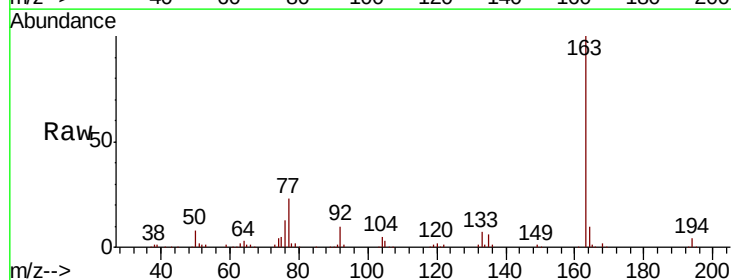
Tgt Ion:163 Resp: 330670

Ion Ratio Lower Upper

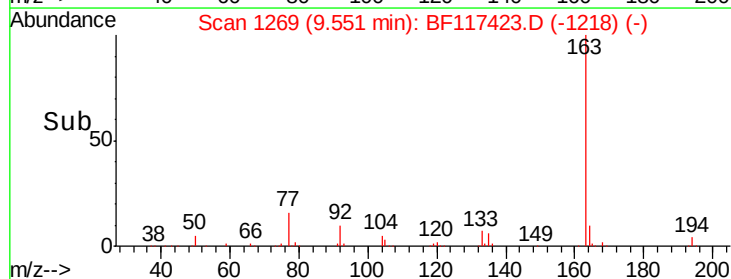
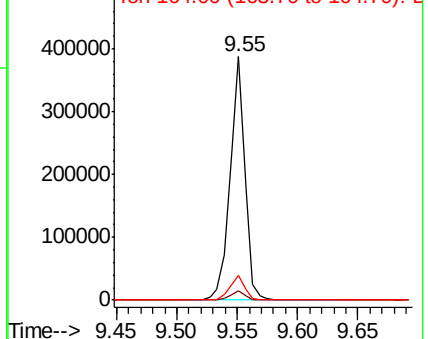
163 100

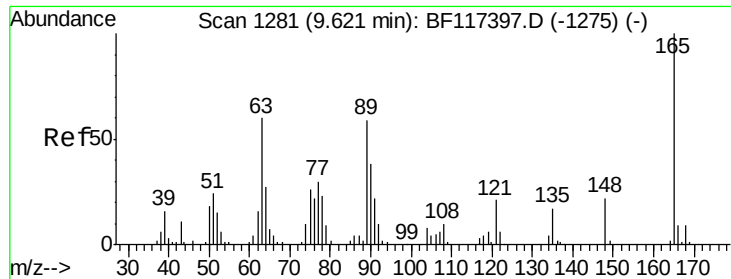
194 3.7 3.1 4.7

164 10.0 8.0 12.0



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

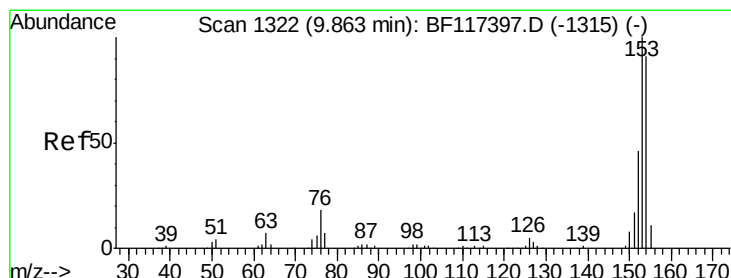
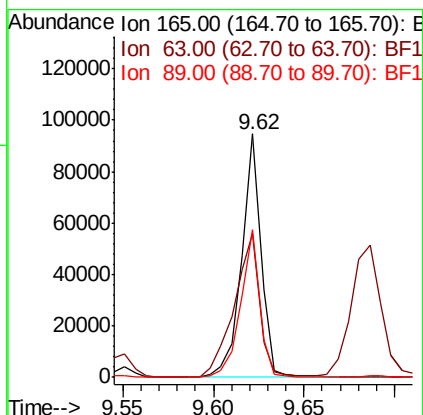
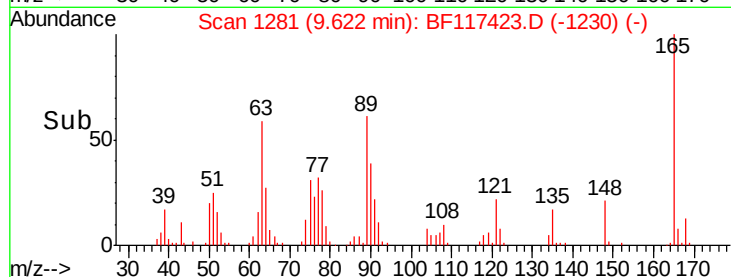
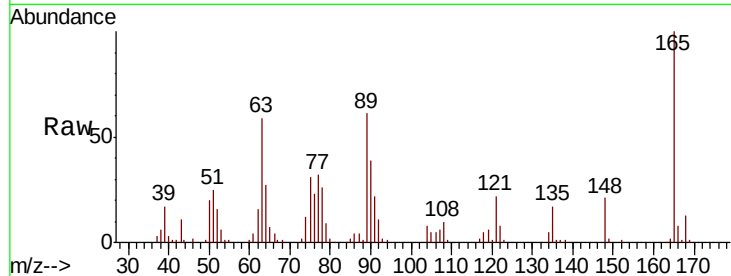




#51
 2,6-Dinitrotoluene
 Concen: 40.689 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

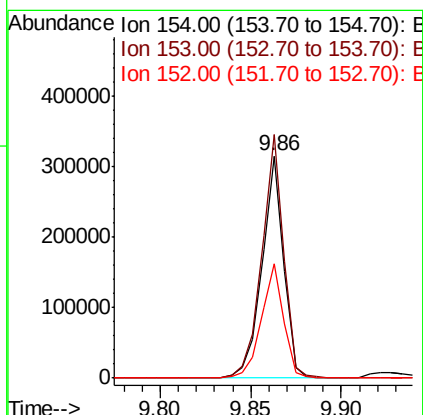
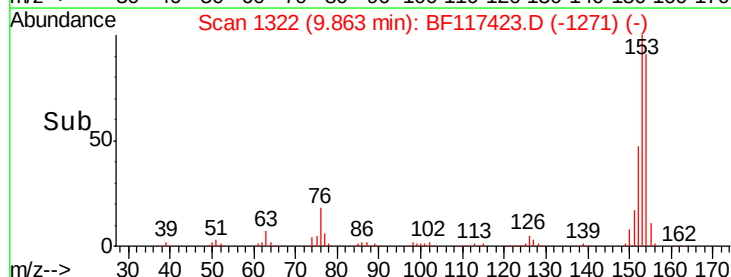
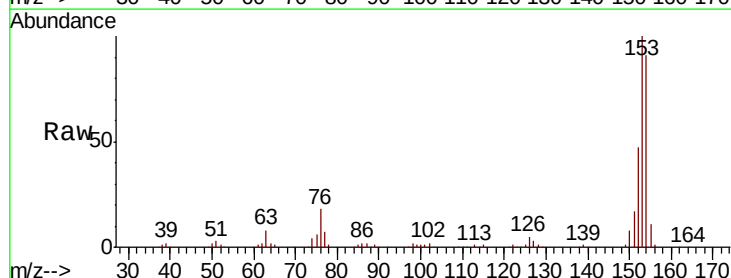
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

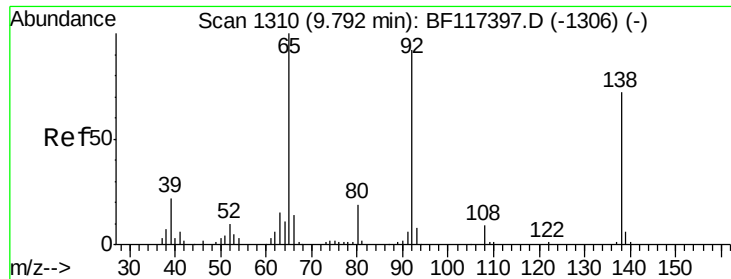
Tot Ion:165 Resp: 70465
 Ion Ratio Lower Upper
 165 100
 63 59.3 47.8 71.6
 89 60.6 47.4 71.0



#52
 Acenaphthene
 Concen: 40.322 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:154 Resp: 262421
 Ion Ratio Lower Upper
 154 100
 153 109.6 87.9 131.9
 152 51.6 40.8 61.2

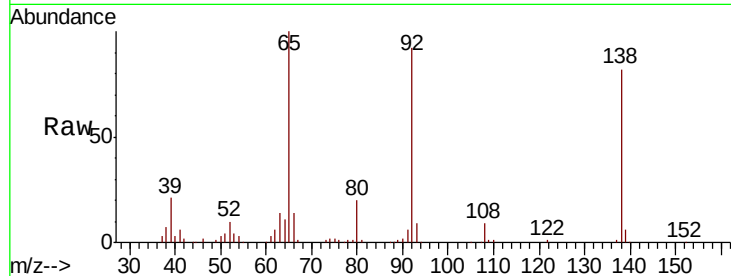




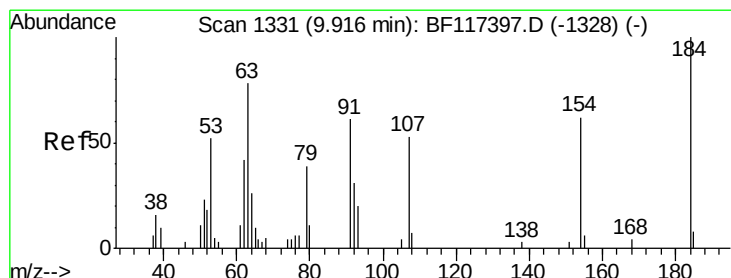
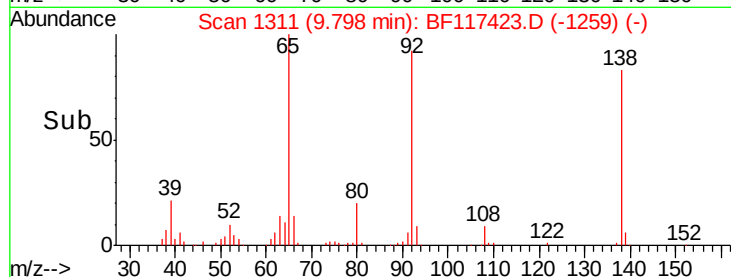
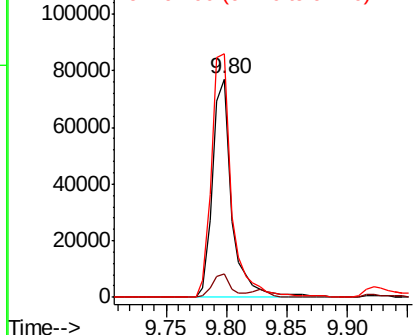
#53
3-Nitroaniline
Concen: 39.984 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 84558
Ion Ratio Lower Upper
138 100
108 10.6 9.5 14.3
92 111.5 102.2 153.4

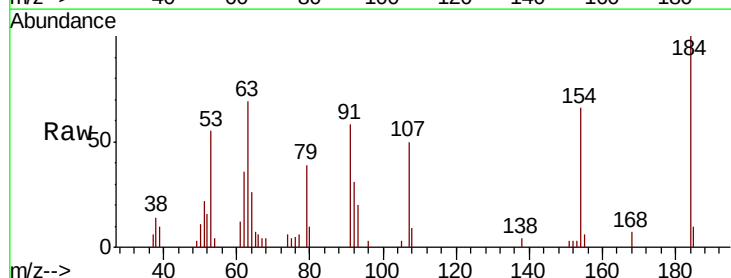


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

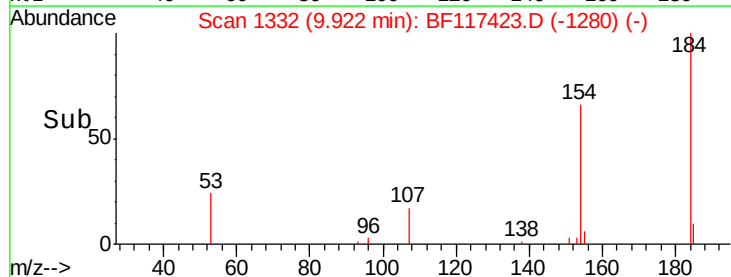
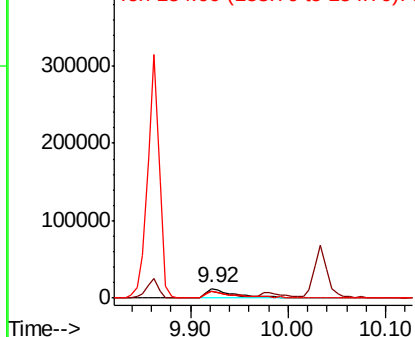


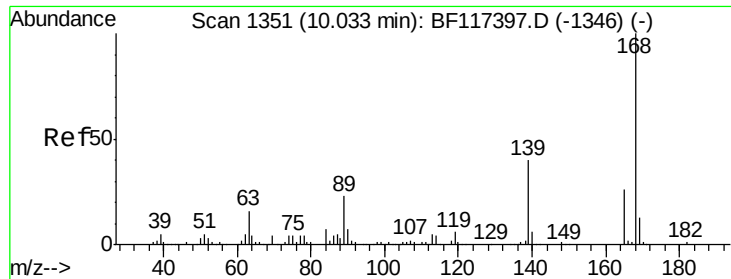
#54
2,4-Dinitrophenol
Concen: 38.892 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:184 Resp: 26932
Ion Ratio Lower Upper
184 100
63 68.6 62.4 93.6
154 66.1 53.5 80.3



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

Dibenzenofuran

Concen: 40.215 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

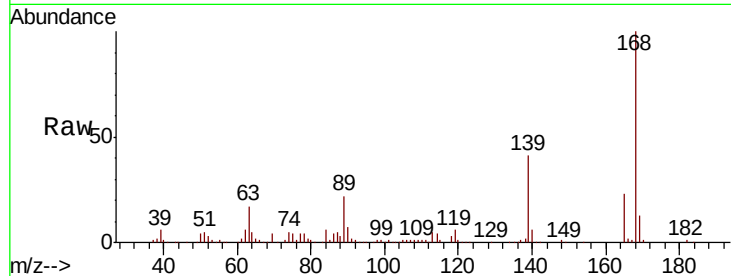
Tot Ion:168 Resp: 381788

Ion Ratio Lower Upper

168 100

139 40.9 33.3 49.9

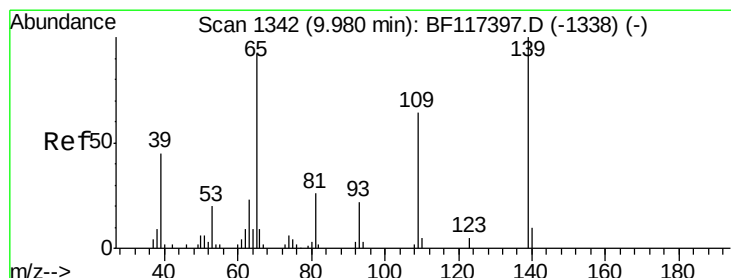
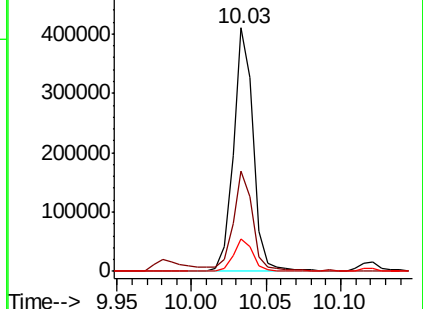
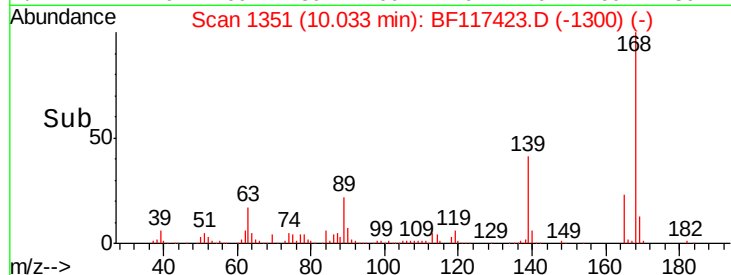
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.664 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

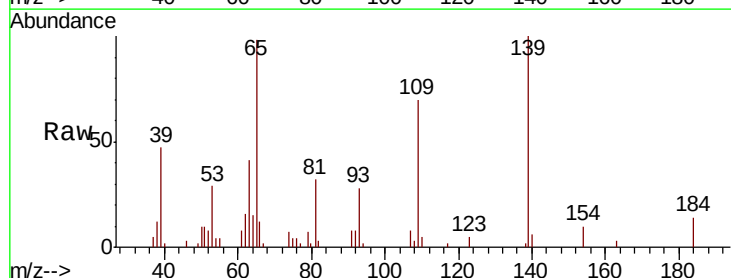
Tgt Ion:139 Resp: 30057

Ion Ratio Lower Upper

139 100

109 69.6 43.8 83.8

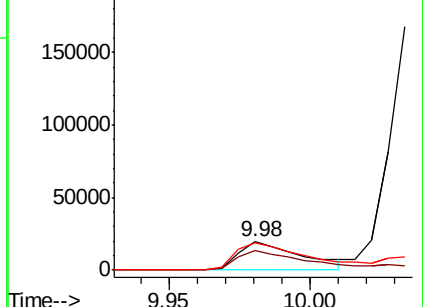
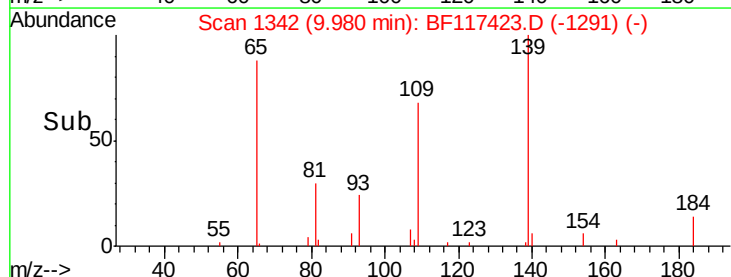
65 97.7 73.9 113.9

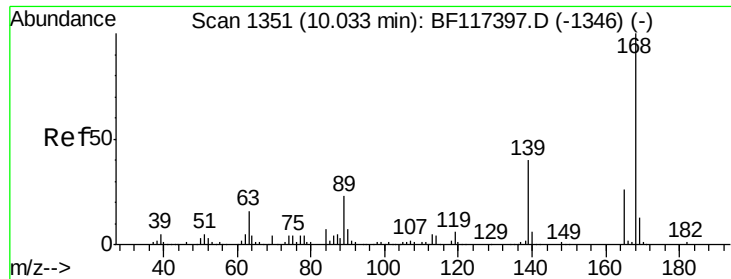


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

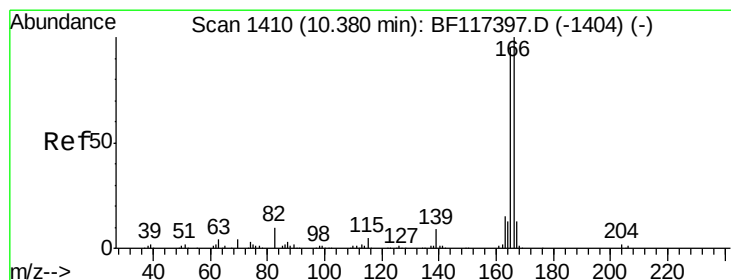
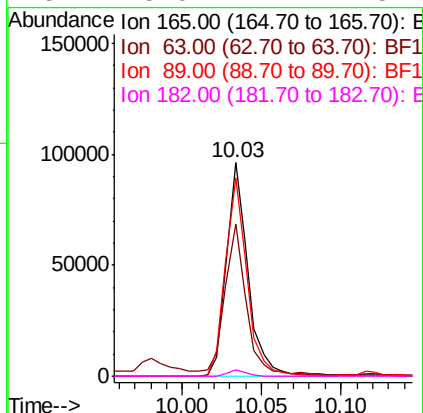
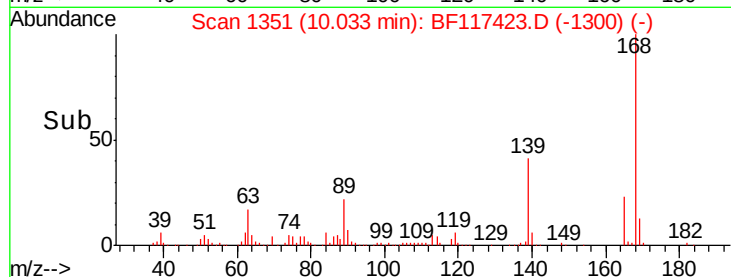
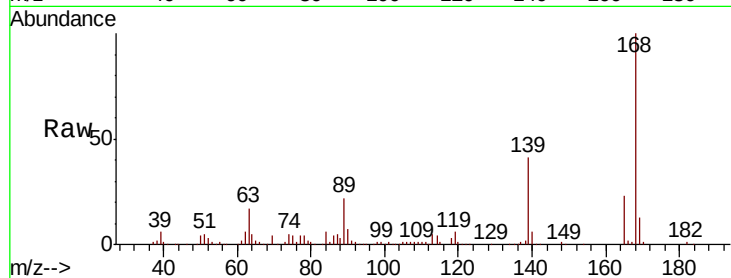




#57
2,4-Dinitrotoluene
Concen: 39.921 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

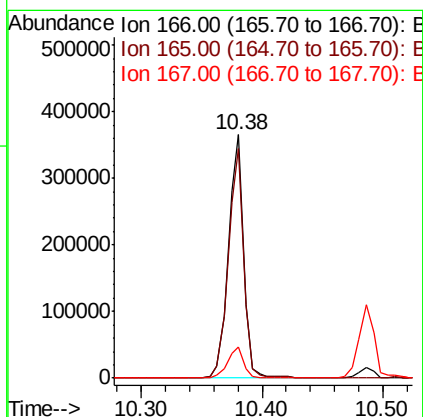
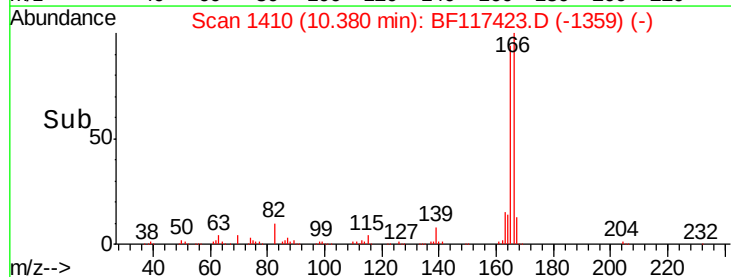
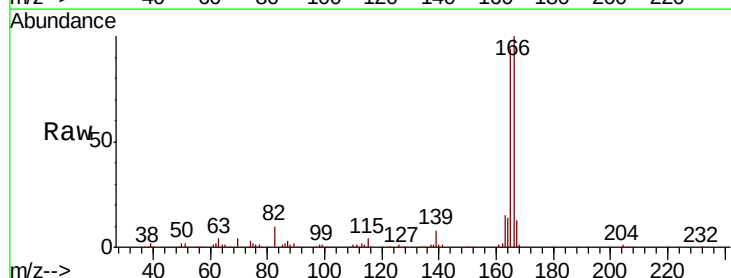
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

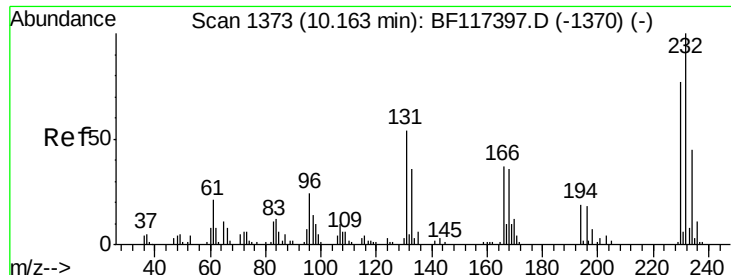
Tot Ion:165 Resp: 91223
Ion Ratio Lower Upper
165 100
63 71.4 51.0 76.4
89 93.1 70.7 106.1
182 3.0 2.1 3.1



#58
Fluorene
Concen: 40.593 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:166 Resp: 320882
Ion Ratio Lower Upper
166 100
165 94.5 75.7 113.5
167 12.8 10.4 15.6

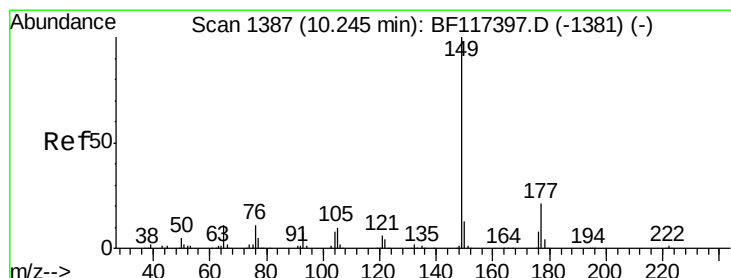
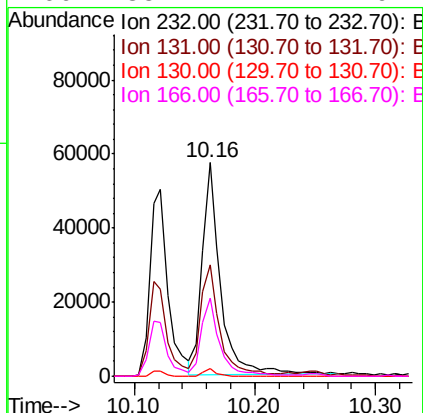
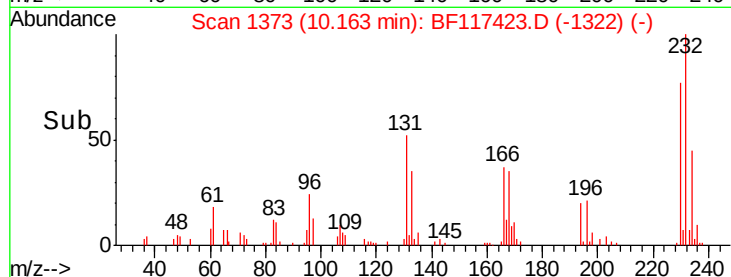
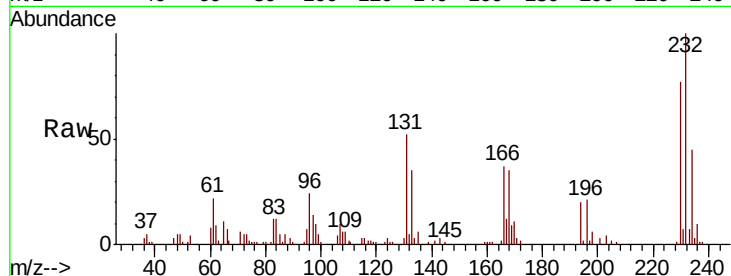




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.171 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

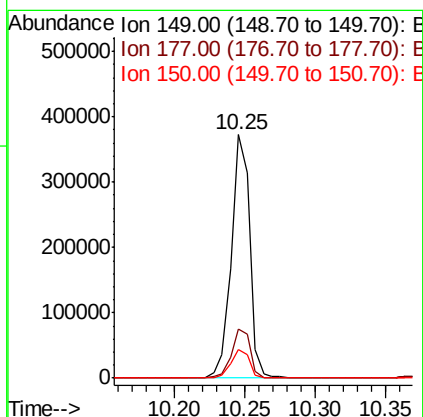
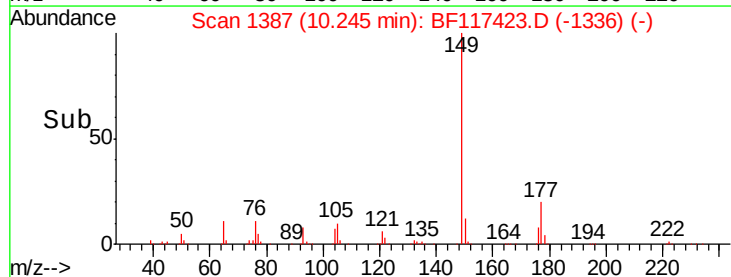
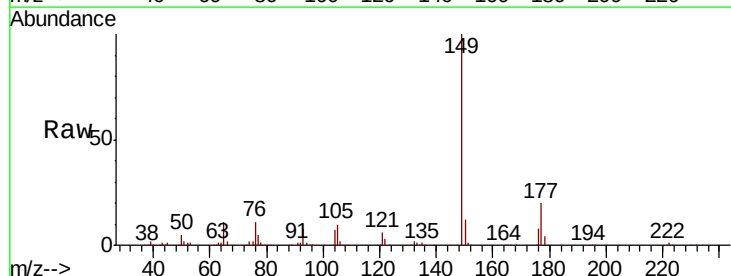
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

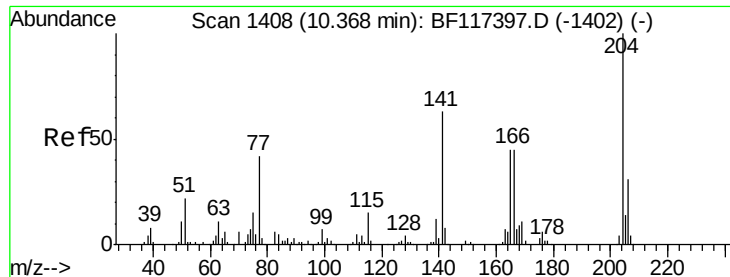
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.1	44.5	66.7
130	2.5	2.0	3.0
166	35.1	27.1	40.7



#60
 Diethylphthalate
 Concen: 40.843 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.5	24.7
150	11.9	10.1	15.1

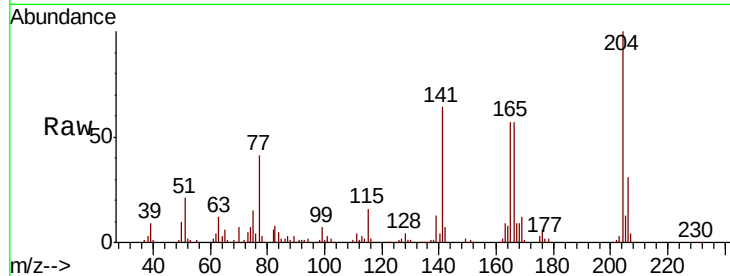




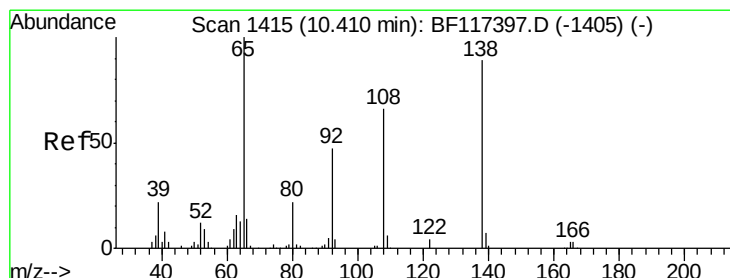
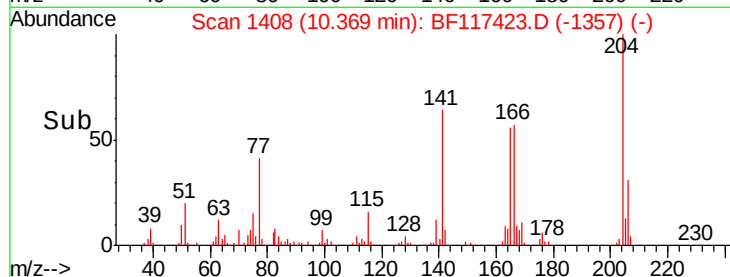
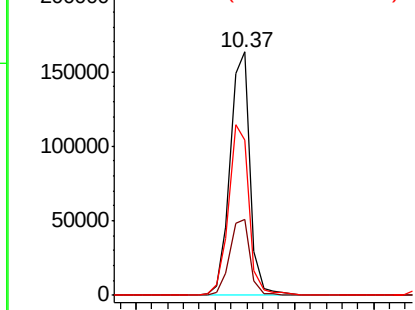
#61
4-Chlorophenyl-phenylether
Concen: 41.043 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 143643
Ion Ratio Lower Upper
204 100
206 31.0 25.0 37.4
141 63.6 50.7 76.1

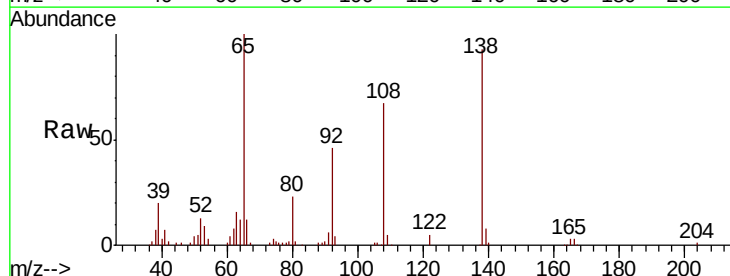


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

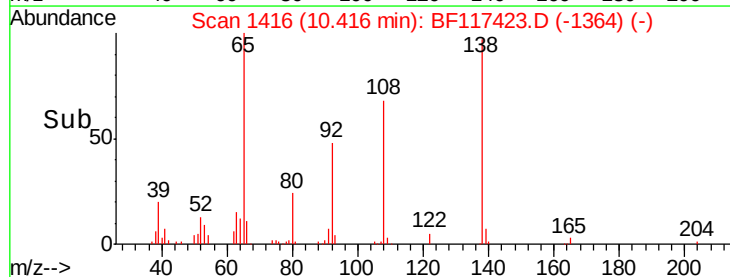
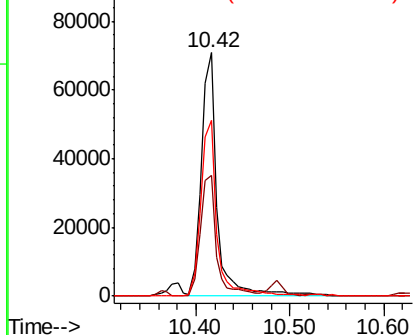


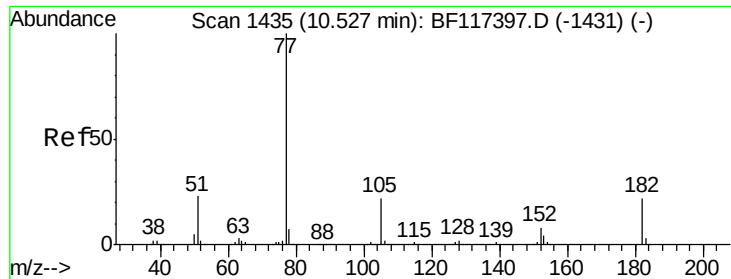
#62
4-Nitroaniline
Concen: 41.207 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:138 Resp: 82838
Ion Ratio Lower Upper
138 100
92 49.4 32.4 72.4
108 72.0 53.8 93.8



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

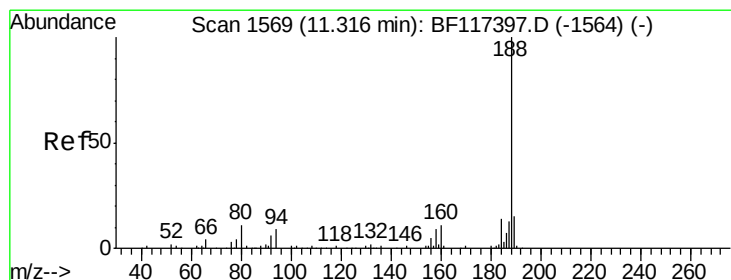
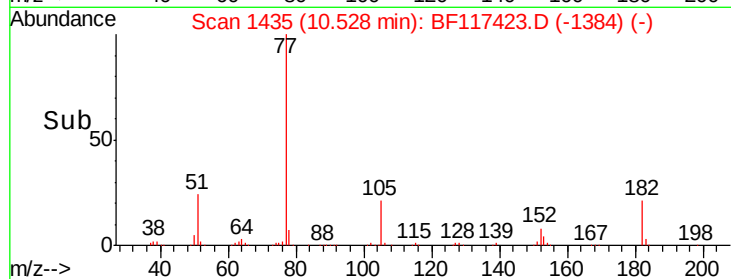
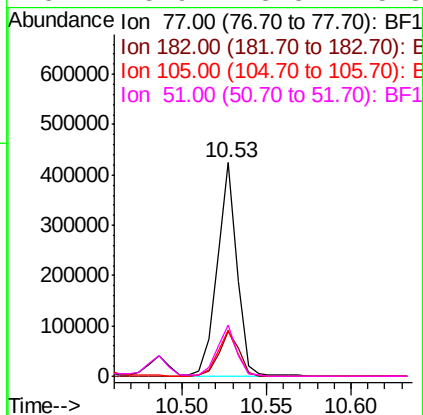
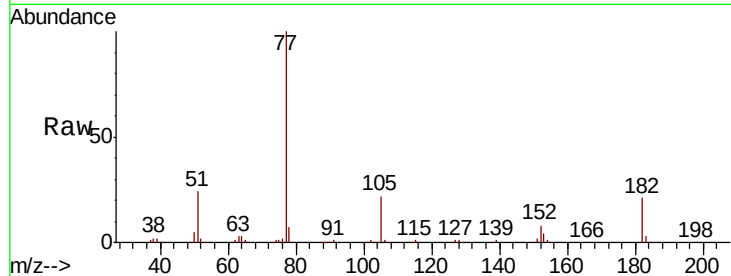




#63
Azobenzene
Concen: 40.690 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

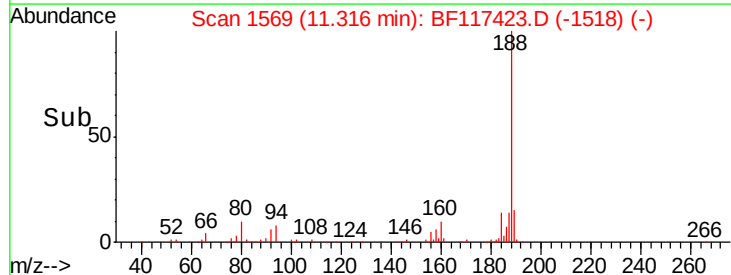
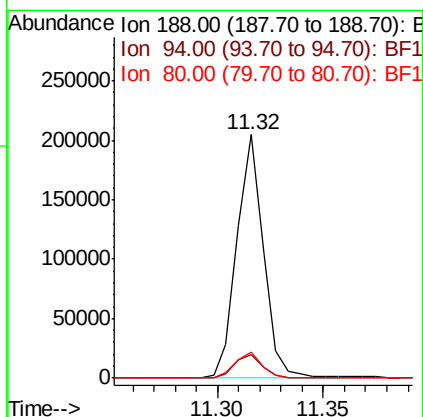
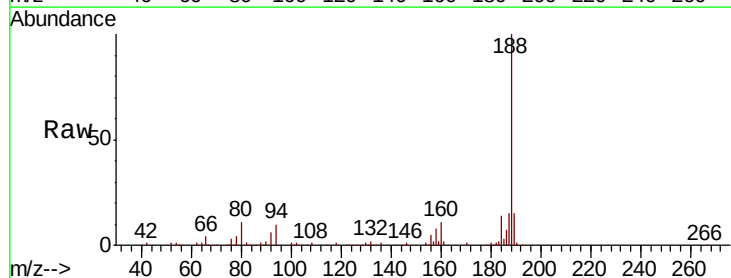
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

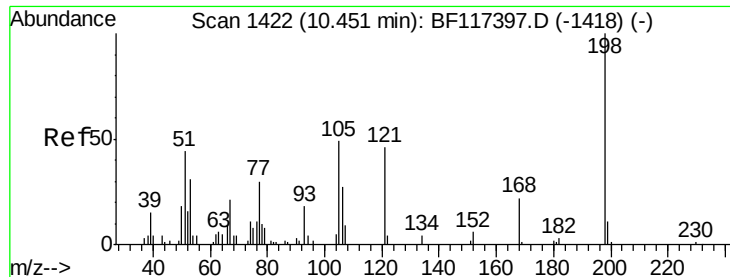
Tot Ion: 77 Resp: 346749
Ion Ratio Lower Upper
77 100
182 20.9 1.5 41.5
105 21.6 1.8 41.8
51 23.9 3.3 43.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion: 188 Resp: 178270
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.6 8.7 13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.163 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

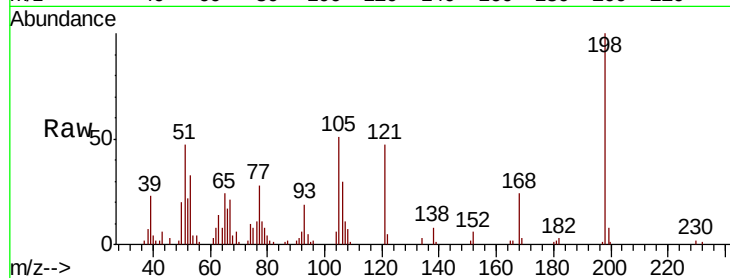
Tot Ion:198 Resp: 35191

Ion Ratio Lower Upper

198 100

51 47.3 25.9 65.9

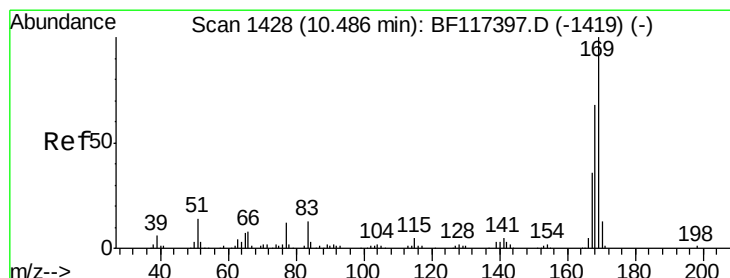
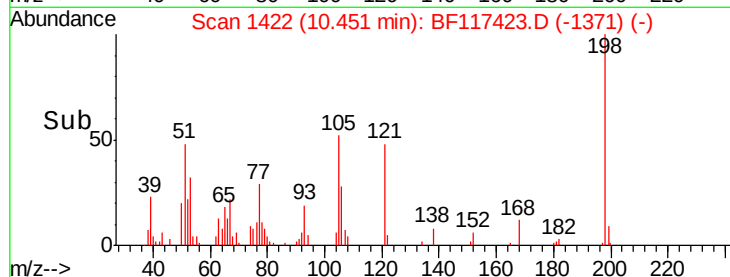
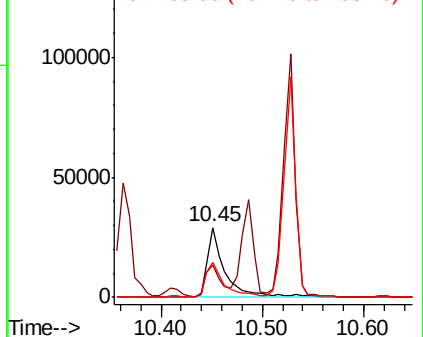
105 50.5 29.4 69.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.952 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

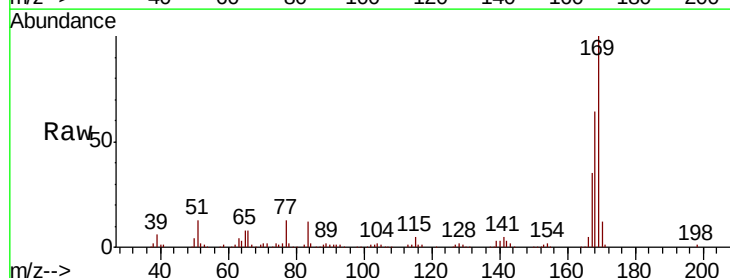
Tgt Ion:169 Resp: 272723

Ion Ratio Lower Upper

169 100

168 64.3 54.1 81.1

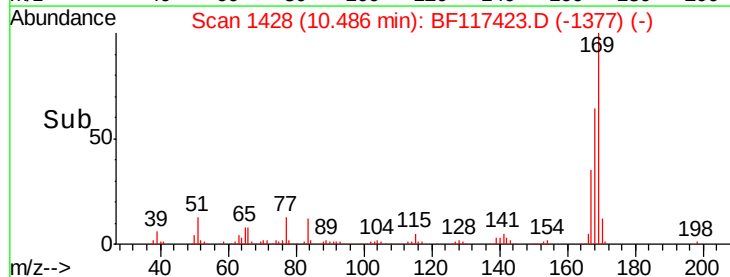
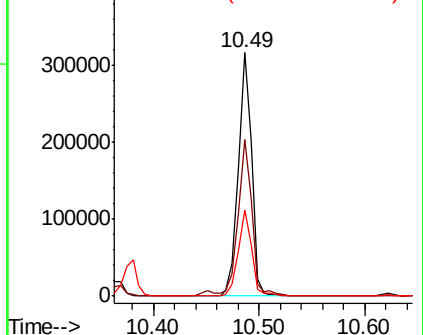
167 35.2 28.8 43.2

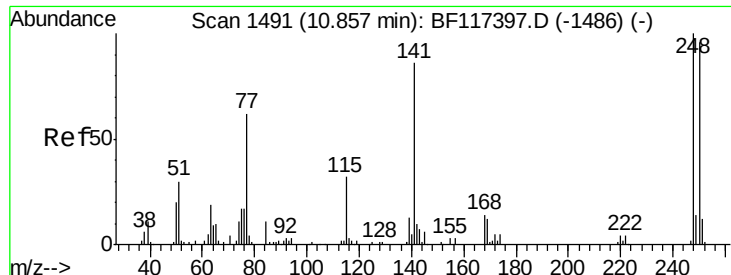


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

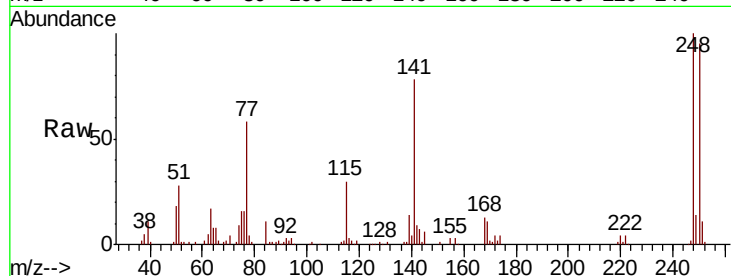




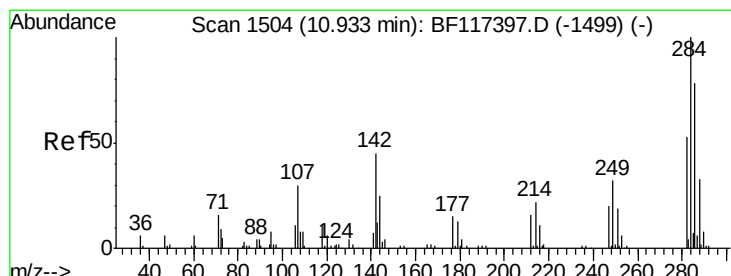
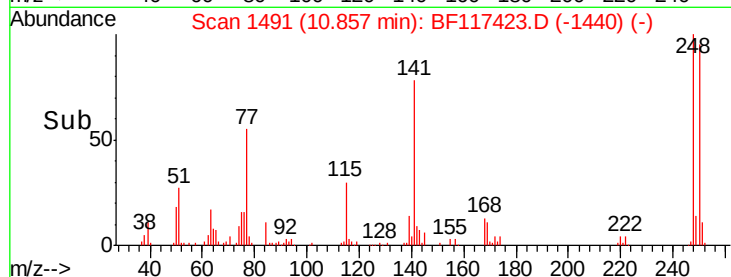
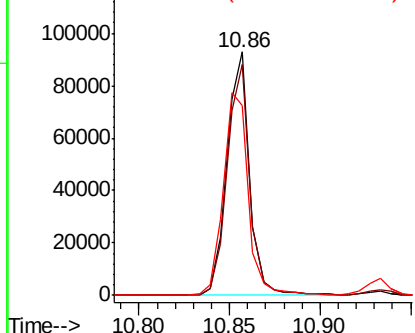
#67
 4-Bromophenyl-phenylether
 Concen: 41.369 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 80891
 Ion Ratio Lower Upper
 248 100
 250 94.9 77.1 115.7
 141 78.1 69.1 103.7

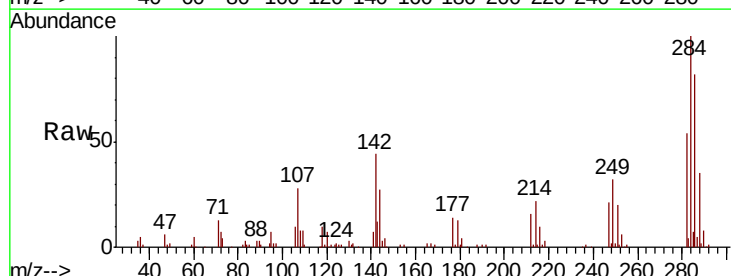


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

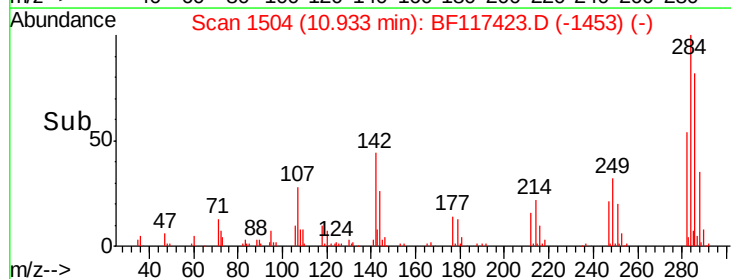
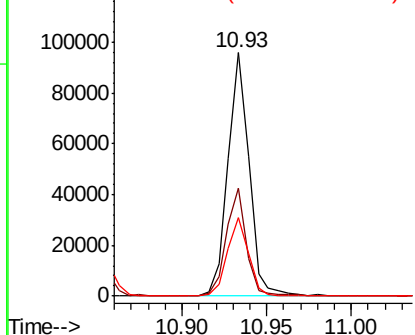


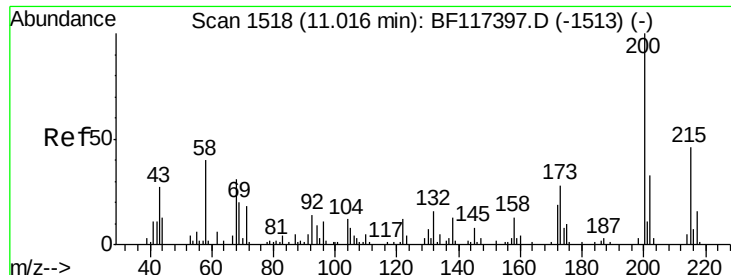
#68
 Hexachlorobenzene
 Concen: 39.696 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:284 Resp: 83358
 Ion Ratio Lower Upper
 284 100
 142 44.5 35.7 53.5
 249 32.2 25.8 38.6



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

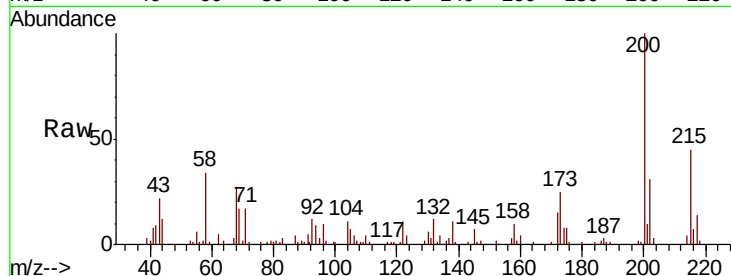




#69
Atrazine
Concen: 46.382 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	8.0	48.0
215	45.1	25.8	65.8

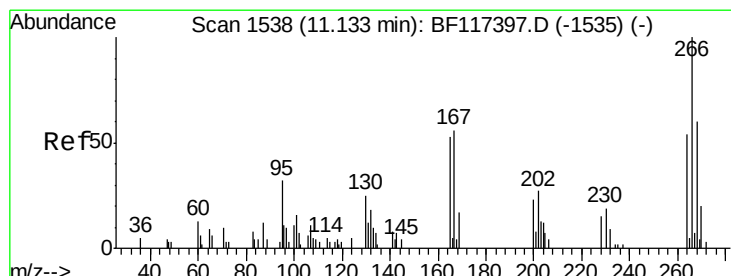
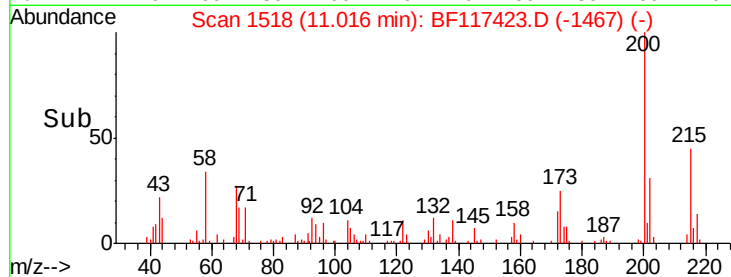
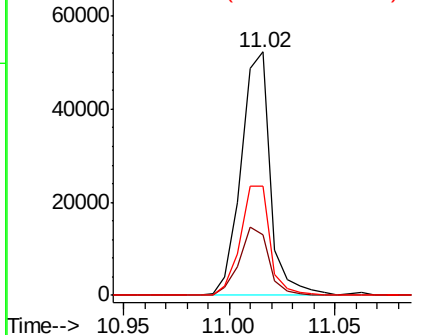


Abundance

Ion 200.00 (199.70 to 200.70): E

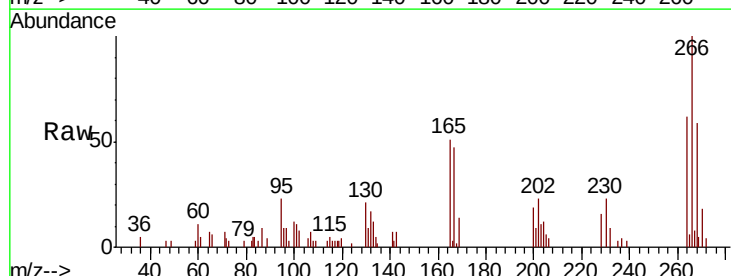
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.359 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.2	47.8	71.6
264	61.8	42.9	64.3

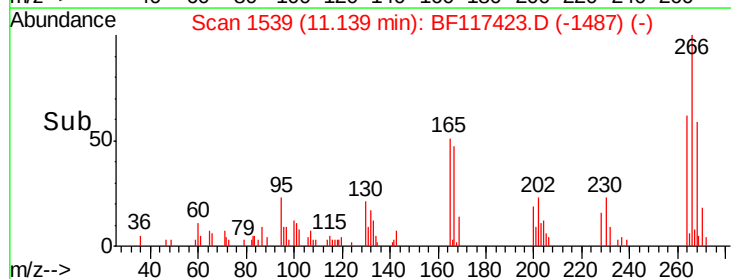
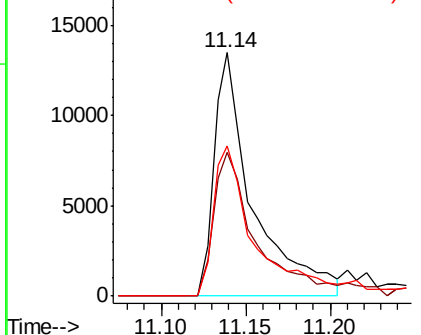


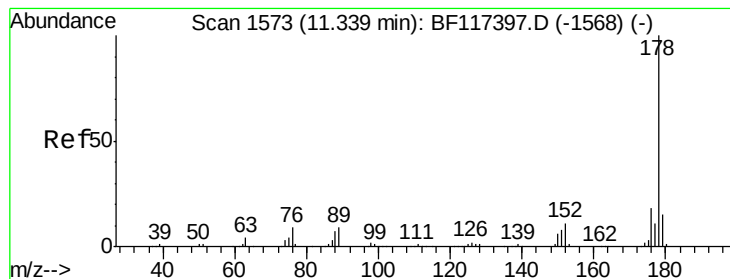
Abundance

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: 40.806 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

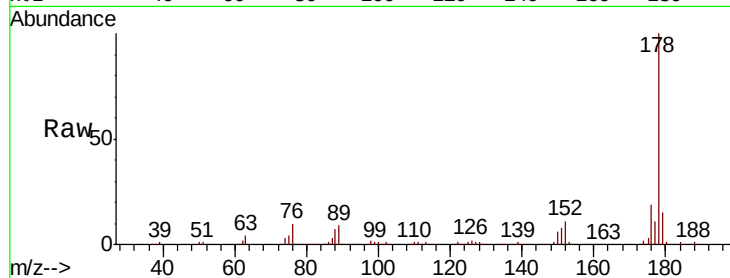
Tot Ion:178 Resp: 430024

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 14.8 12.3 18.5

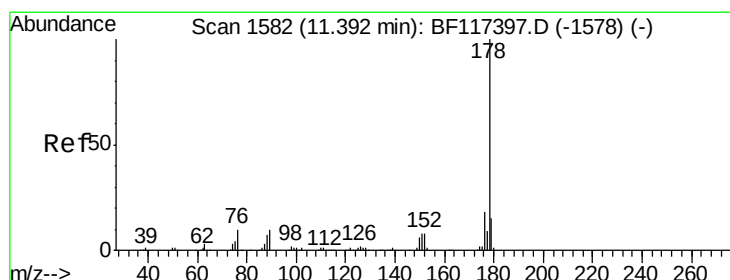
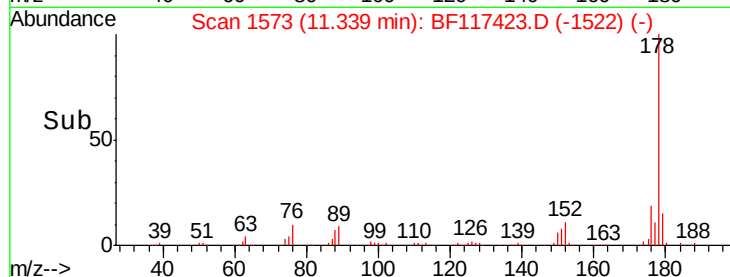
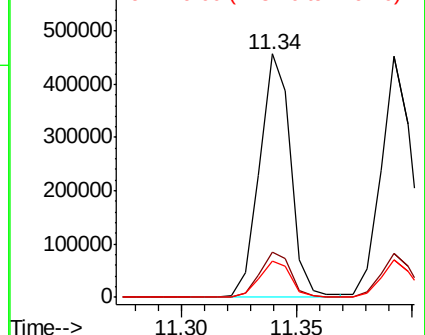


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.467 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

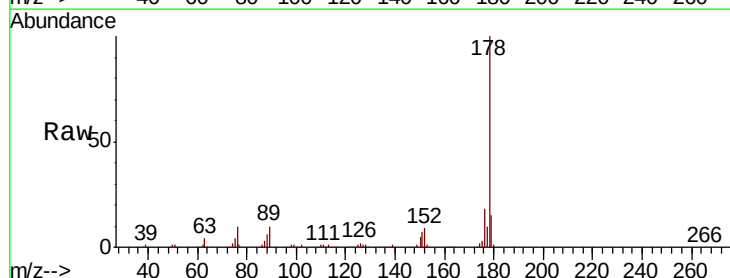
Tgt Ion:178 Resp: 440237

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

179 15.5 12.1 18.1

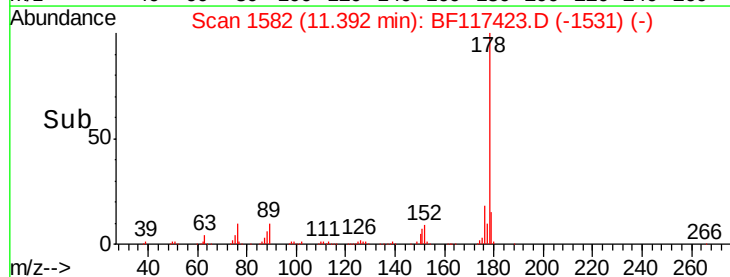
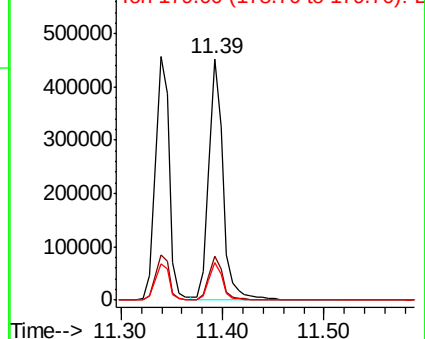


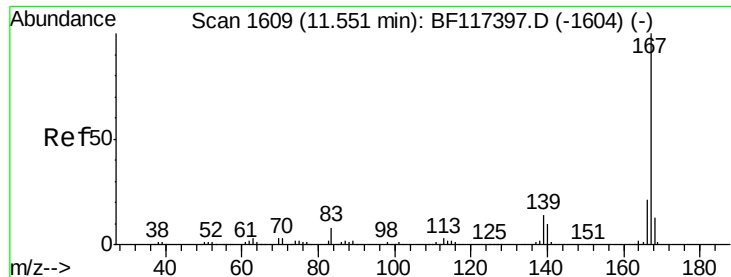
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

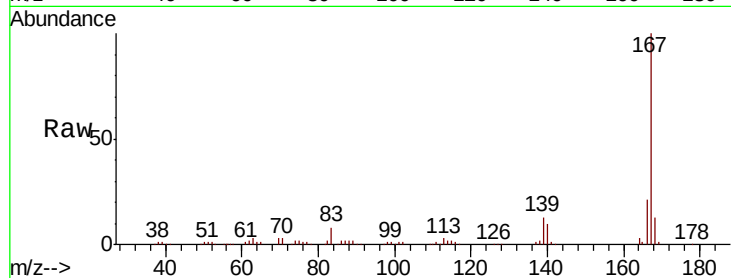




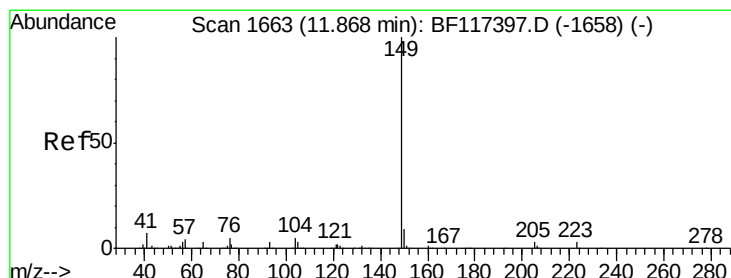
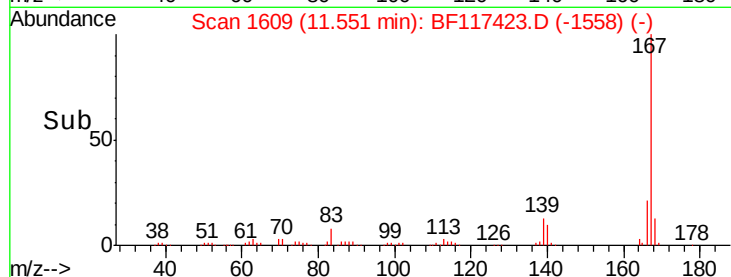
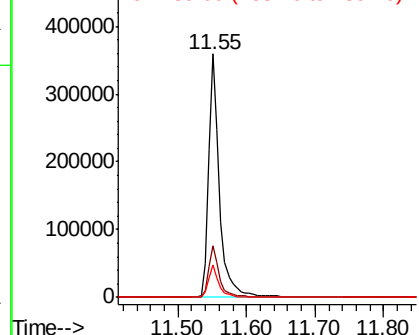
#73
 Carbazole
 Concen: 41.160 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 406743
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.4 10.8 16.2

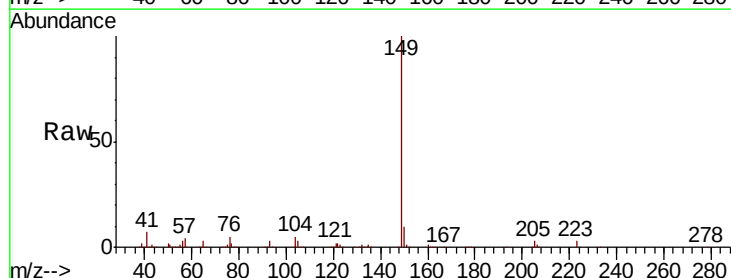


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

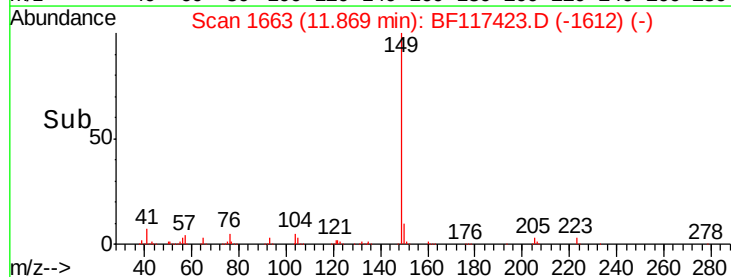
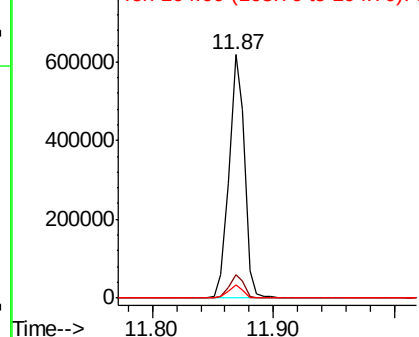


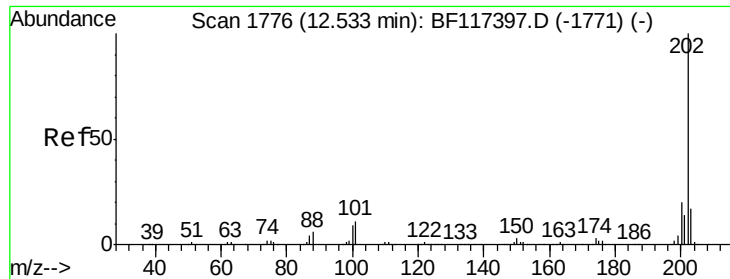
#74
 Di-n-butylphthalate
 Concen: 40.872 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion:149 Resp: 546909
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.0 10.6
 104 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

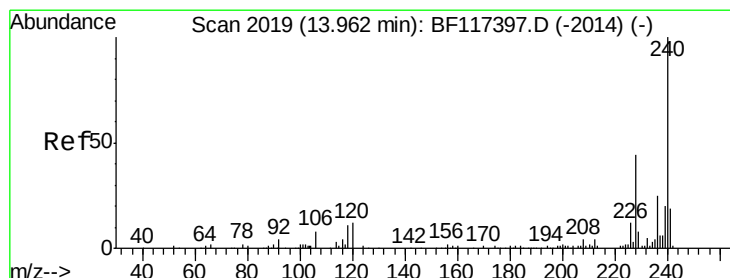
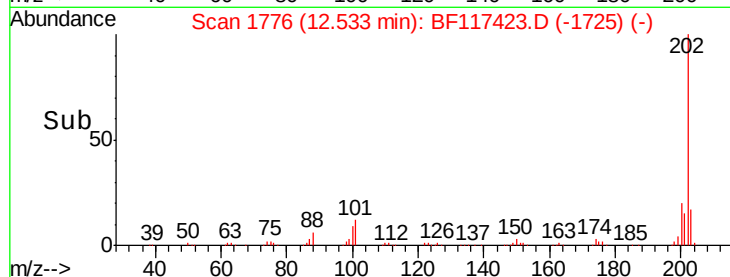
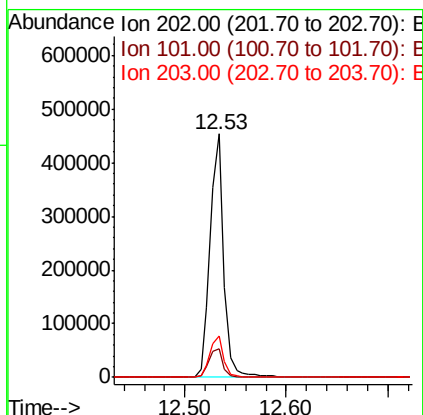
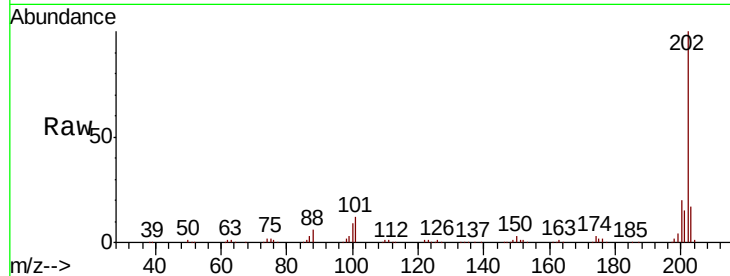




#75
 Fluoranthene
 Concen: 40.716 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

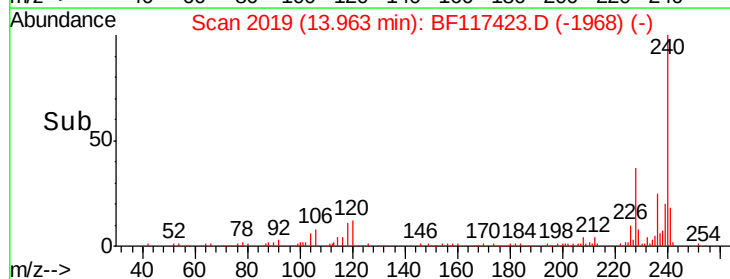
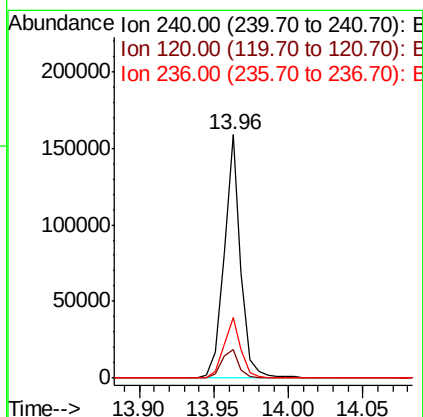
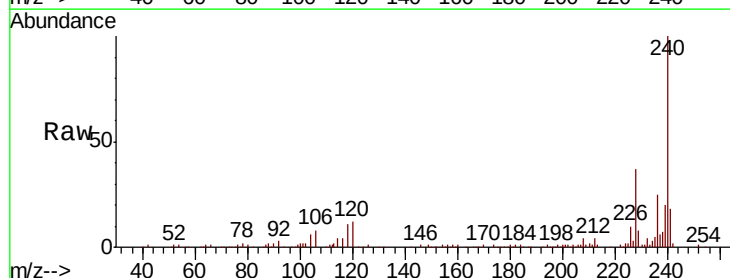
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

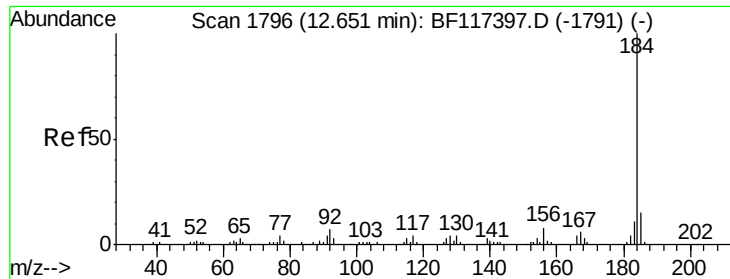
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.3
203	17.2	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117423.D
 Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	24.7	19.8	29.6





#77

Benzidine

Concen: 48.506 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

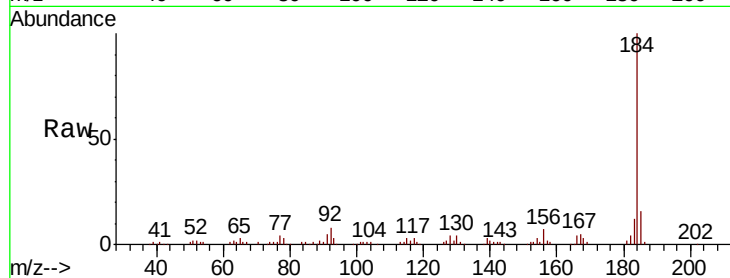
Tot Ion:184 Resp: 148766

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

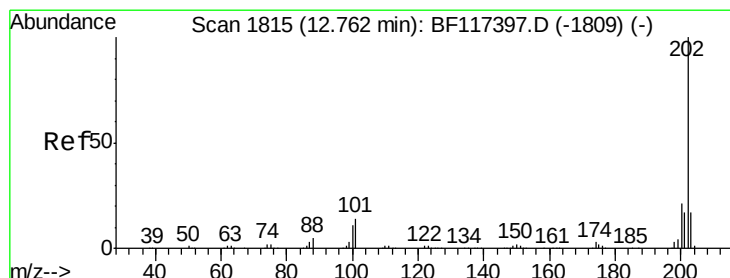
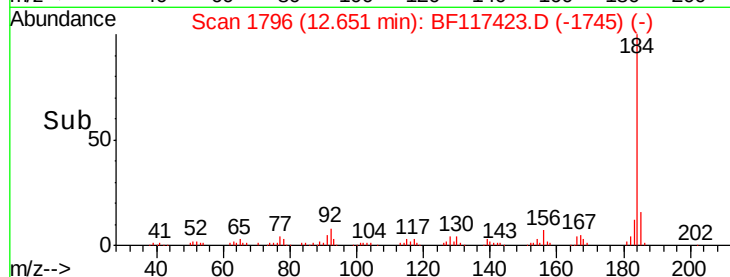
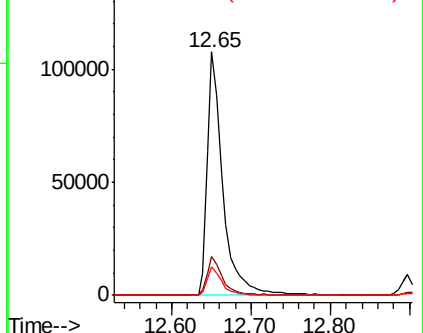
183 11.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.322 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

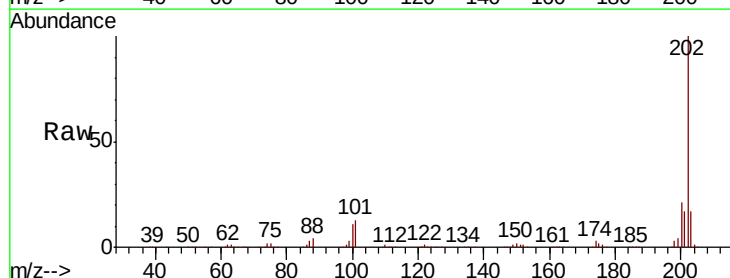
Tgt Ion:202 Resp: 431029

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

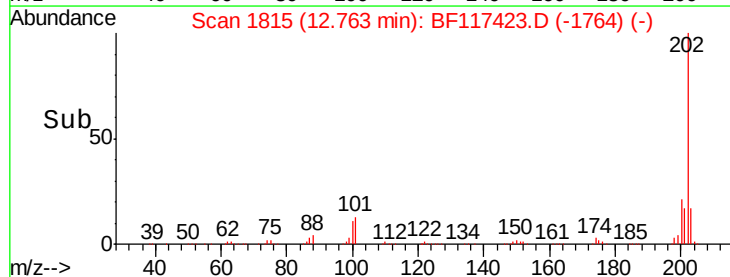
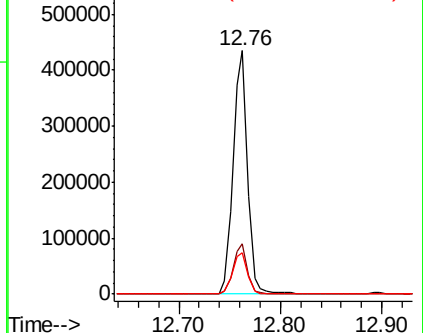
203 17.1 14.0 21.0

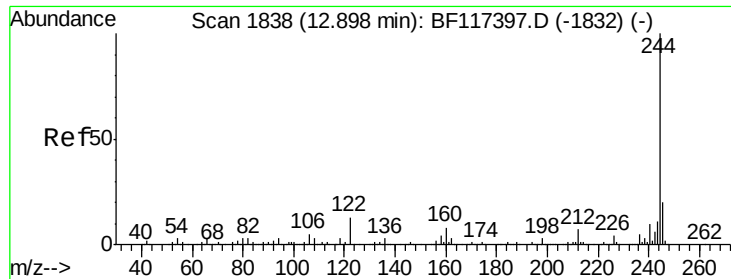


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.739 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

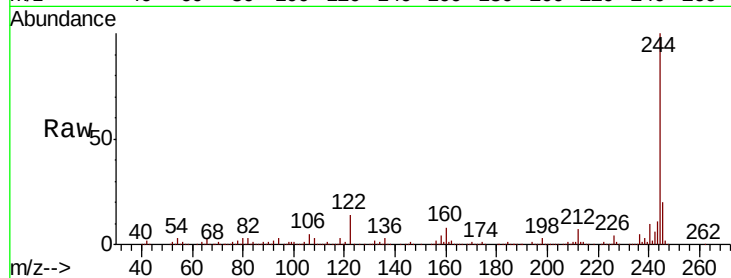
Tot Ion:244 Resp: 598969

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

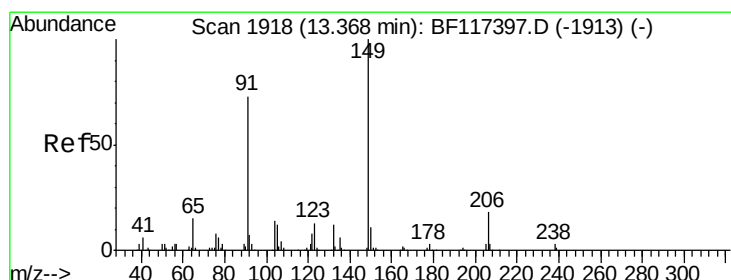
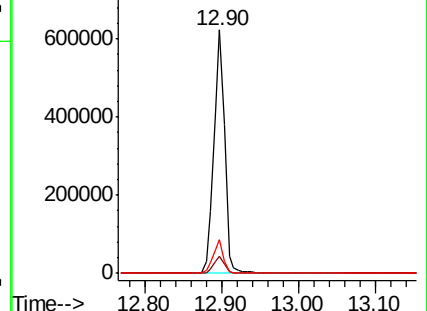
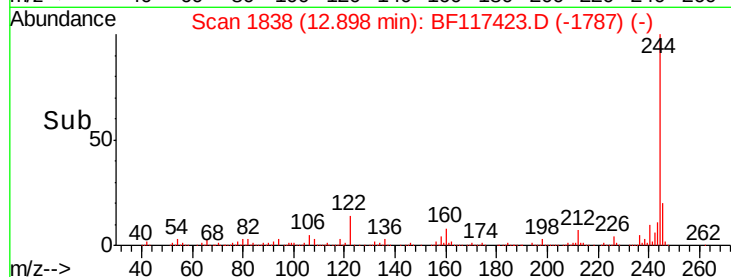
122 13.7 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.274 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

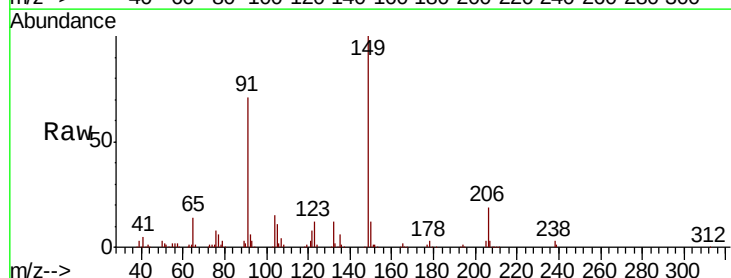
Tgt Ion:149 Resp: 221986

Ion Ratio Lower Upper

149 100

91 70.6 58.5 87.7

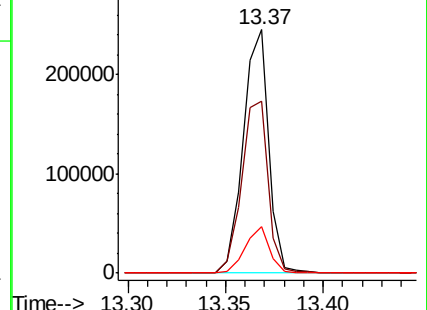
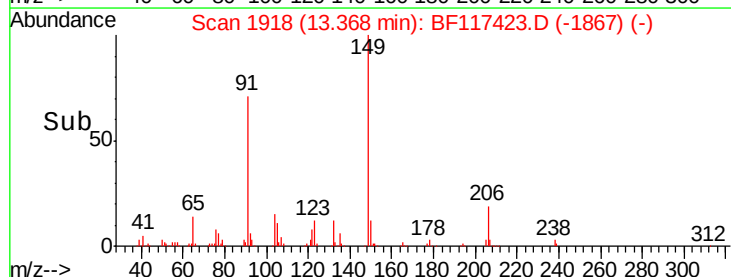
206 19.0 14.4 21.6

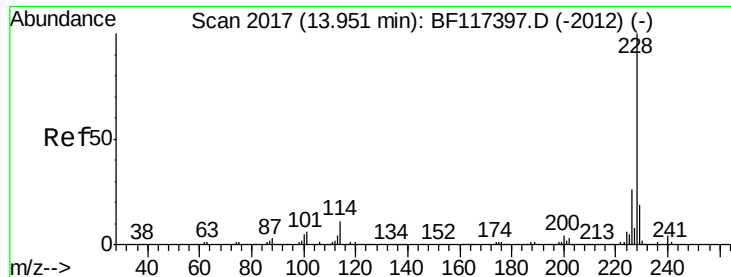


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

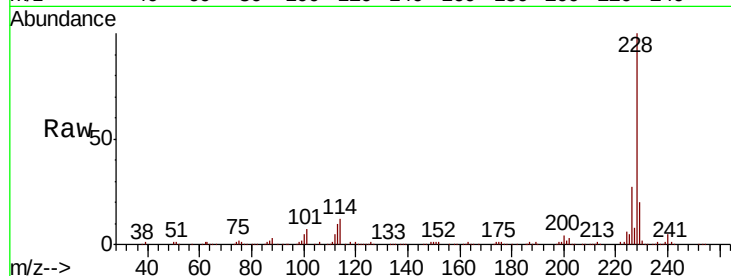




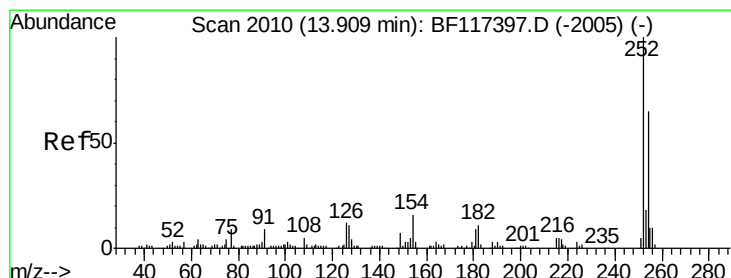
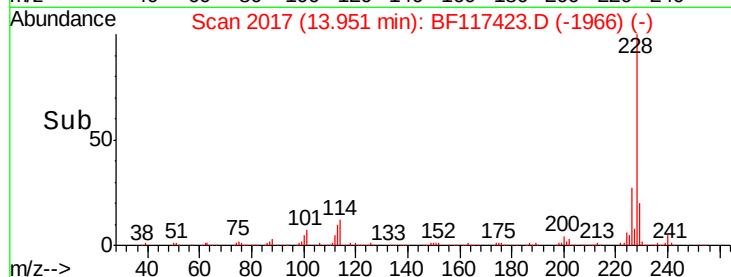
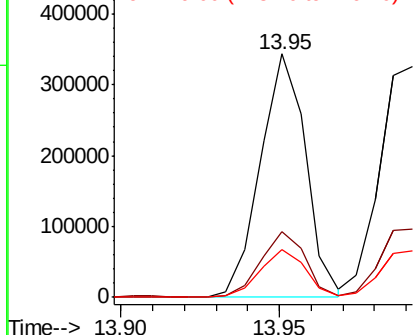
#81
Benzo(a)anthracene
Concen: 40.257 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 342532
Ion Ratio Lower Upper
228 100
226 26.9 20.9 31.3
229 19.7 15.2 22.8

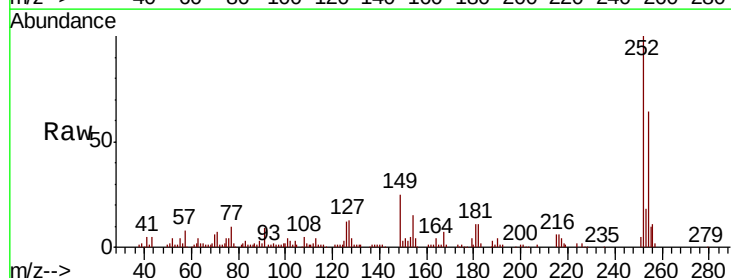


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

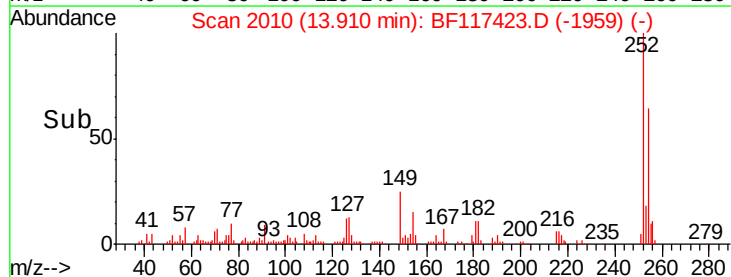
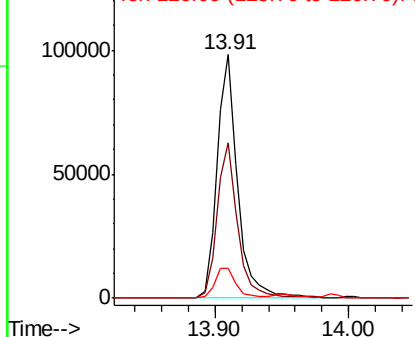


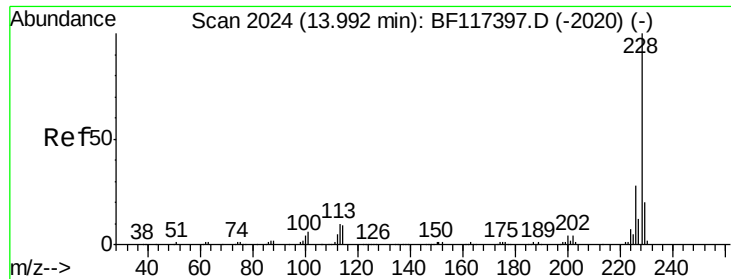
#82
3,3'-Dichlorobenzidine
Concen: 39.605 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:252 Resp: 106543
Ion Ratio Lower Upper
252 100
254 64.0 51.6 77.4
126 12.5 9.6 14.4



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: 40.217 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

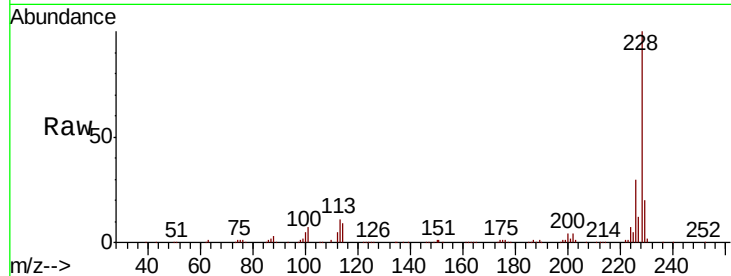
Tot Ion:228 Resp: 337453

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

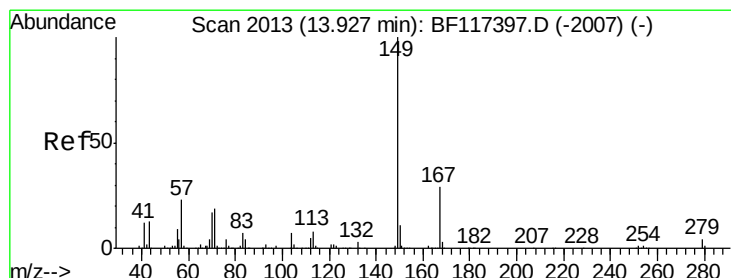
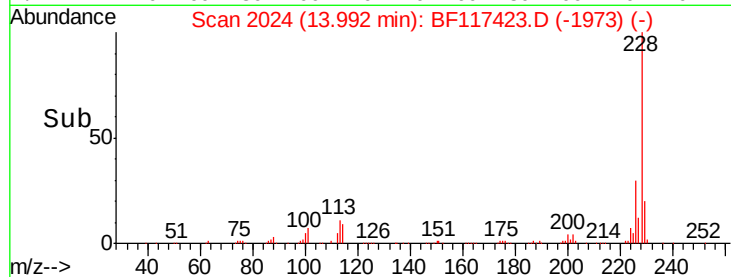
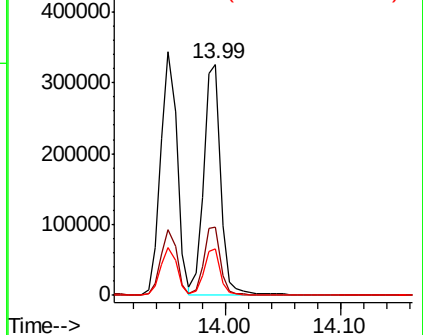
229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.002 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

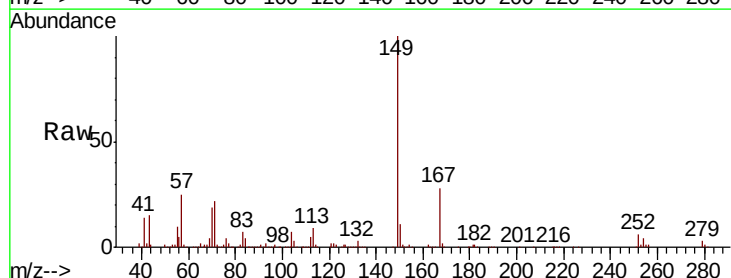
Tgt Ion:149 Resp: 318656

Ion Ratio Lower Upper

149 100

167 27.8 23.0 34.6

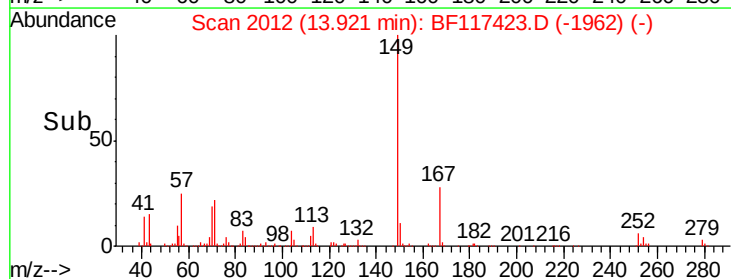
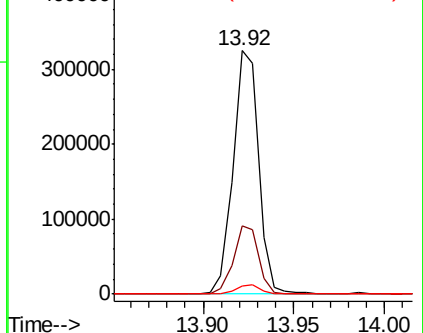
279 3.3 3.0 4.6

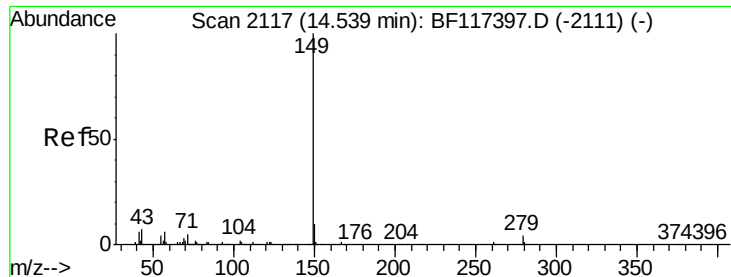


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

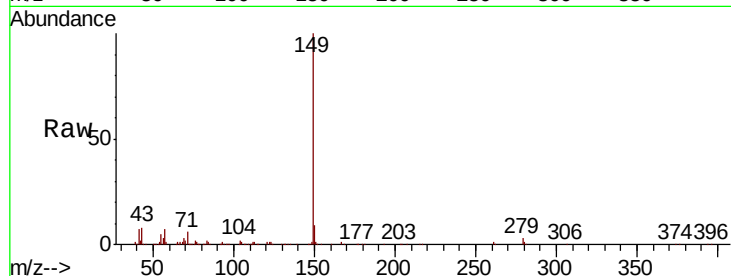




#85
Di-n-octyl phthalate
Concen: 43.074 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.3	6.6	9.8

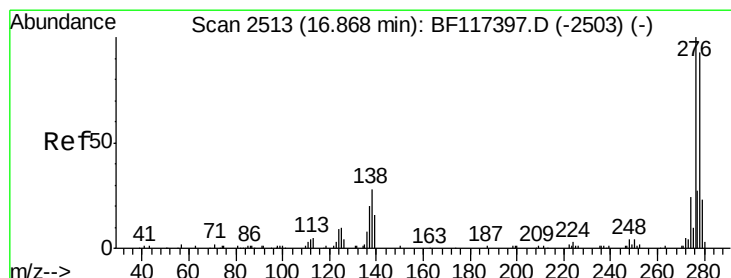
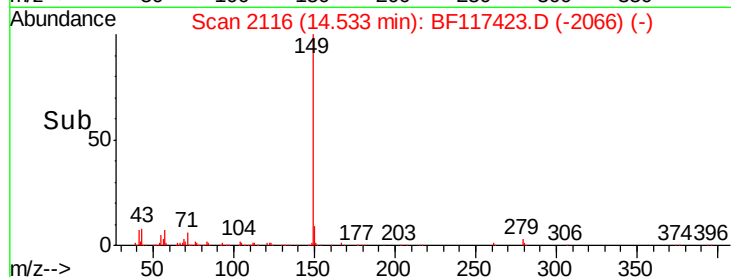
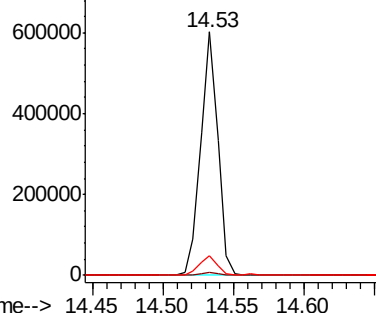


Abundance

Ion 149.00 (148.70 to 149.70): E

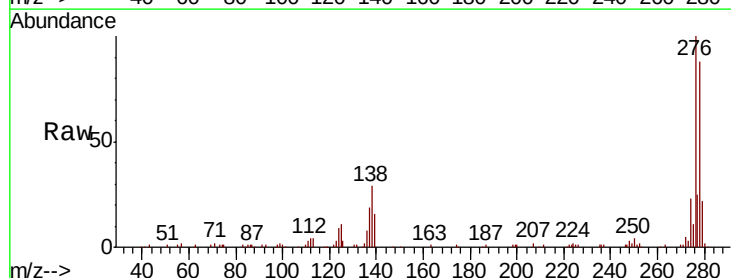
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.511 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.5	32.3
277	24.7	20.1	30.1

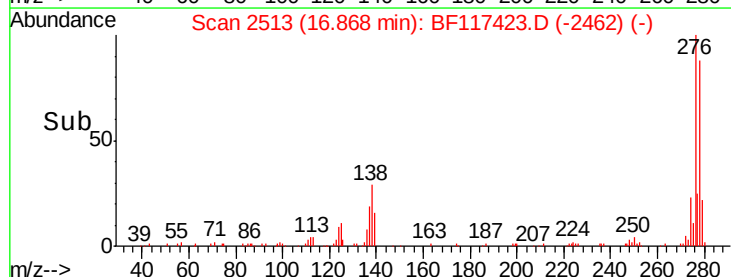
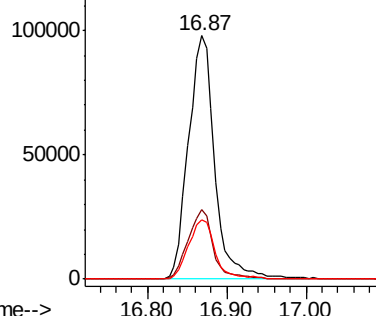


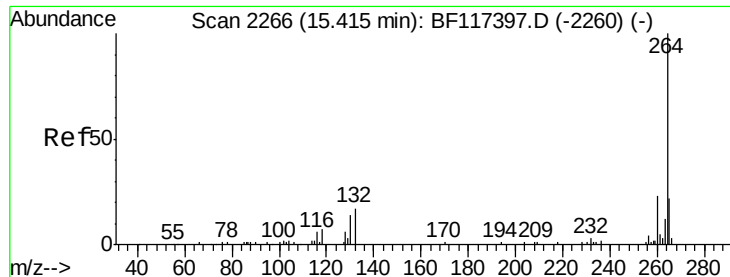
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

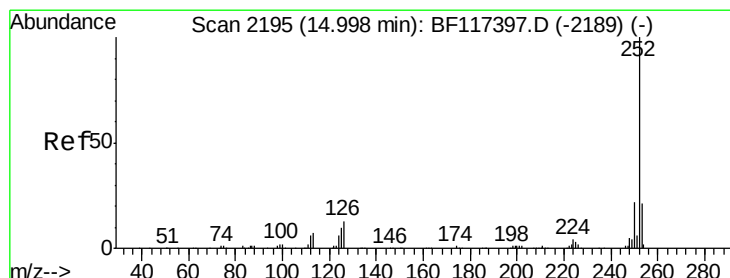
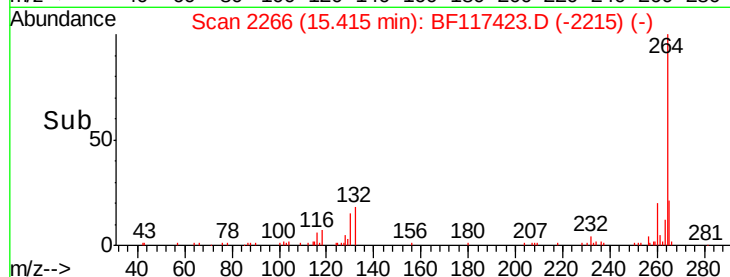
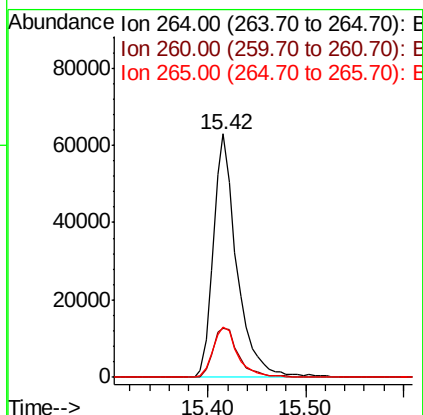
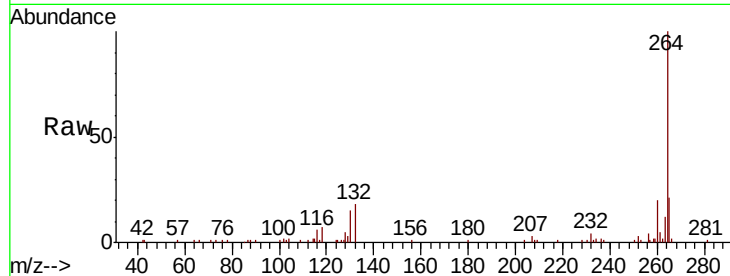




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

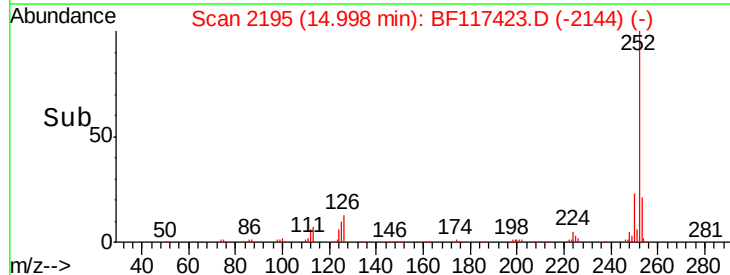
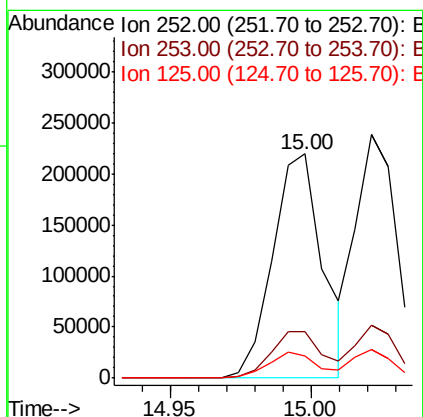
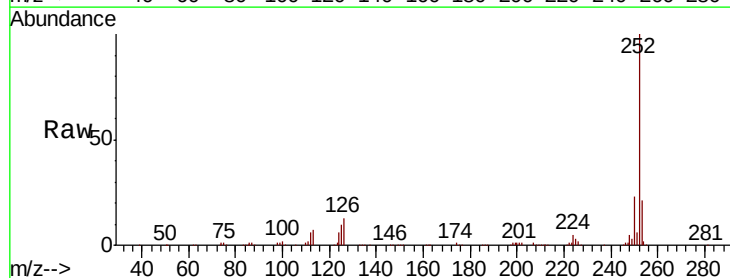
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

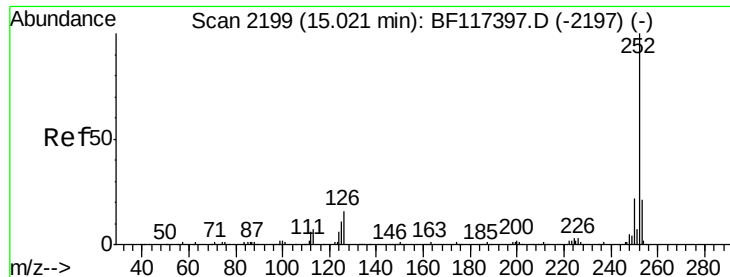
Tot Ion:264 Resp: 104488
Ion Ratio Lower Upper
264 100
260 20.3 18.6 27.8
265 20.7 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 41.553 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:252 Resp: 270295
Ion Ratio Lower Upper
252 100
253 20.5 17.2 25.8
125 10.1 8.2 12.2

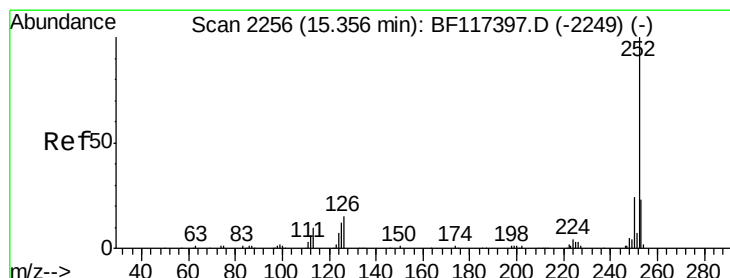
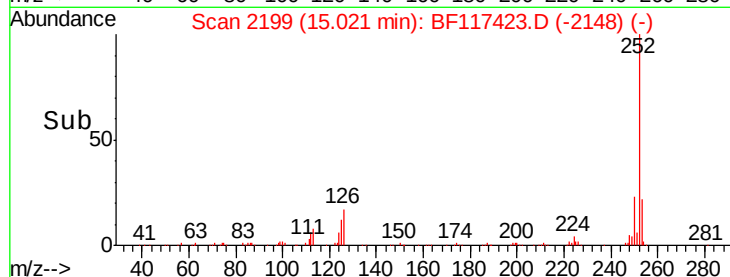
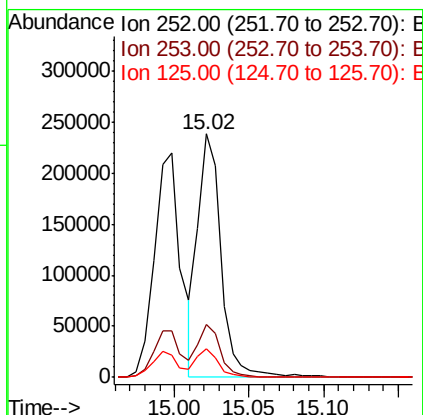
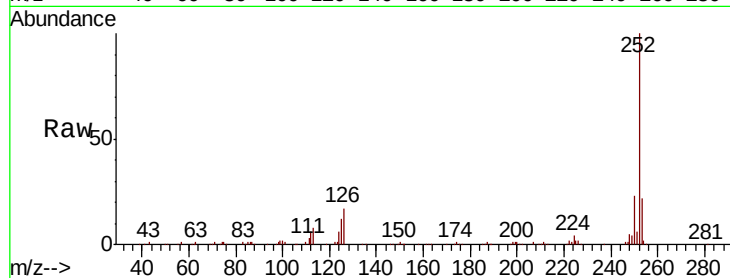




#89
Benzo(k)fluoranthene
Concen: 38.961 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

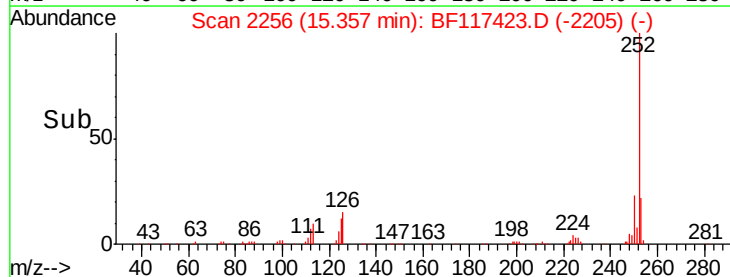
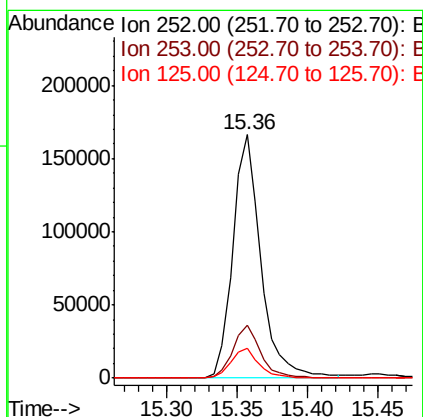
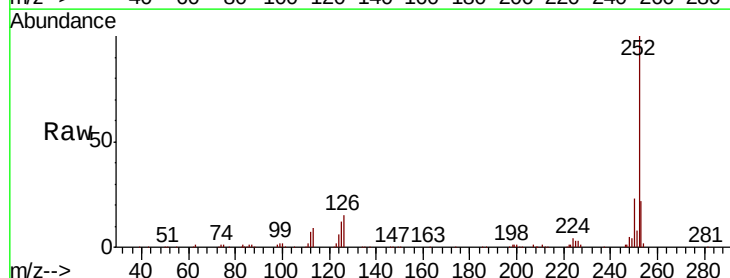
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

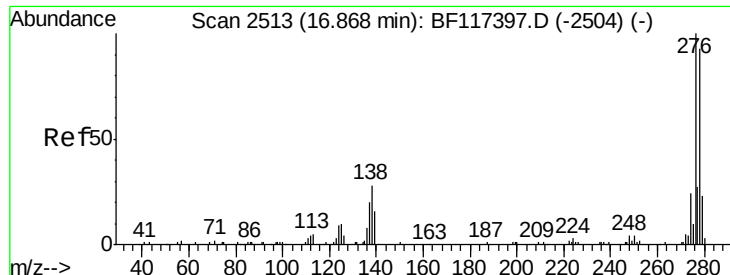
Tot Ion:252 Resp: 251863
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.7 9.4 14.2



#90
Benzo(a)pyrene
Concen: 39.982 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117423.D
Acq: 17 Oct 2019 15:43

Tgt Ion:252 Resp: 230301
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 12.2 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 38.332 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

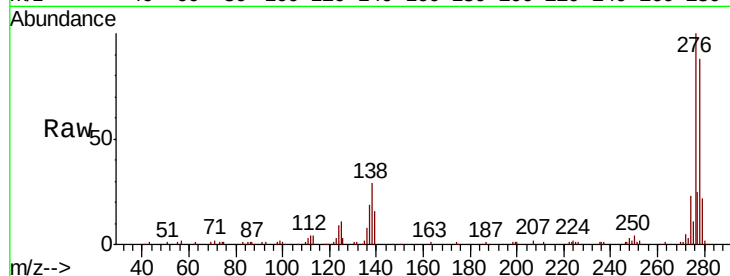
Tot Ion:278 Resp: 189202

Ion Ratio Lower Upper

278 100

139 18.1 14.1 21.1

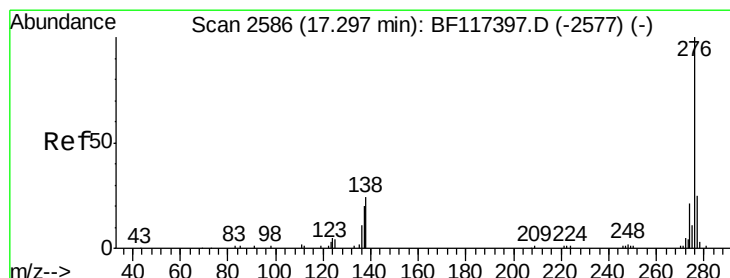
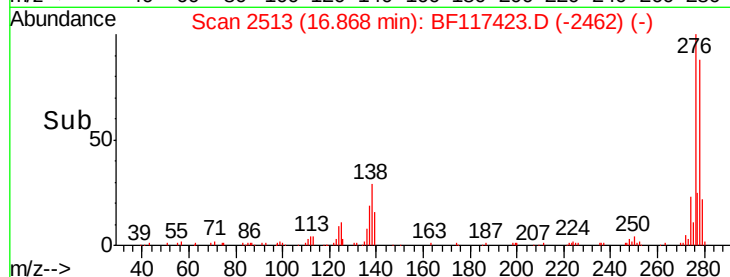
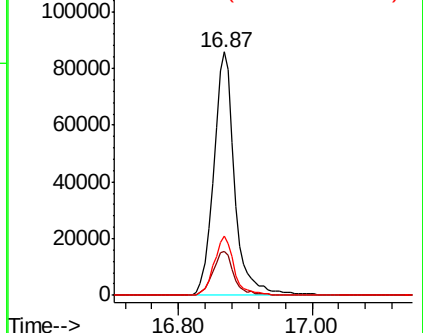
279 24.6 19.8 29.6



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: 36.416 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF117423.D

Acq: 17 Oct 2019 15:43

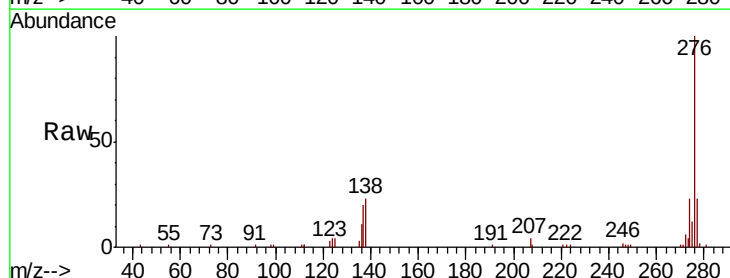
Tgt Ion:276 Resp: 171092

Ion Ratio Lower Upper

276 100

277 22.9 19.9 29.9

138 23.1 19.3 28.9



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

