

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117409.D
 Acq On : 16 Oct 2019 13:46
 Operator : JU
 Sample : PB123985BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 16 14:49:38 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	47728	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	198002	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	103436	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169510	20.00	ng	0.00
76) Chrysene-d12	13.96	240	143337	20.00	ng	0.00
87) Perylene-d12	15.41	264	105452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	354431	114.26	ng	0.00
7) Phenol-d6	6.44	99	460517	111.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	242234	62.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	103383	122.81	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	434324	61.22	ng	0.00
79) Terphenyl-d14	12.90	244	483143	54.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	43014	33.684	ng	95
3) Pyridine	3.30	79	99895	30.738	ng	98
4) n-Nitrosodimethylamine	3.23	42	46702	40.780	ng	96
6) Aniline	6.46	93	142483	27.713	ng	# 85
8) 2-Chlorophenol	6.58	128	141259	40.960	ng	95
9) Benzaldehyde	6.35	77	51812	21.717	ng	93
10) Phenol	6.45	94	177200	39.880	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	134403	39.786	ng	97
12) 1,3-Dichlorobenzene	6.73	146	148051	38.388	ng	98
13) 1,4-Dichlorobenzene	6.80	146	154100	39.197	ng	98
14) 1,2-Dichlorobenzene	6.96	146	145131	39.083	ng	98
15) Benzyl Alcohol	6.94	79	127275	40.420	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	133584	37.659	ng	73
17) 2-Methylphenol	7.06	107	115263	40.035	ng	96
18) Hexachloroethane	7.30	117	57892	37.874	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	105483	40.196	ng	97
20) 3+4-Methylphenols	7.21	107	150803	40.680	ng	92
22) Acetophenone	7.20	105	206805	39.803	ng	97
24) Nitrobenzene	7.37	77	160142	40.928	ng	98
25) Isophorone	7.62	82	287897	41.375	ng	98
26) 2-Nitrophenol	7.69	139	76093	43.832	ng	97
27) 2,4-Dimethylphenol	7.73	122	121032	45.873	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	171110	39.668	ng	98
29) 2,4-Dichlorophenol	7.95	162	113782	41.794	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	117660	40.091	ng	97
31) Naphthalene	8.09	128	409311	41.394	ng	99
32) Benzoic acid	7.88	122	44267	28.264	ng	85
33) 4-Chloroaniline	8.15	127	105705	25.171	ng	98
34) Hexachlorobutadiene	8.21	225	63233	37.619	ng	97
35) Caprolactam	8.53	113	19541	22.921	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	132436	42.752	ng	93
37) 2-Methylnaphthalene	8.79	142	283694	42.487	ng	98
38) 1-Methylnaphthalene	8.89	142	263085	41.818	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	106133	38.125	ng	99

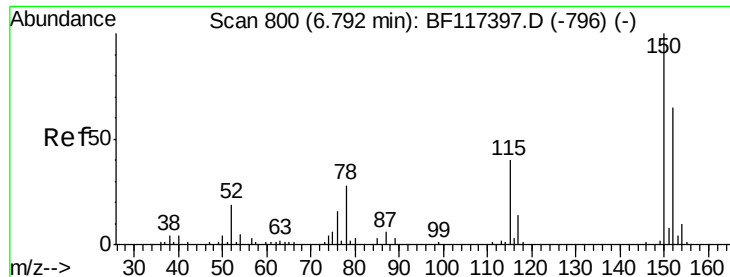
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
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 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	36719	70.636	nq	96
43) 2,4,6-Trichlorophenol	9.07	196	73474	41.705	nq	94
44) 2,4,5-Trichlorophenol	9.12	196	81514	45.361	nq	96
46) 1,1'-Biphenyl	9.25	154	330063	39.060	nq	97
47) 2-Chloronaphthalene	9.27	162	254244	38.597	nq	99
48) 2-Nitroaniline	9.38	65	83924	39.931	nq	93
49) Acenaphthylene	9.69	152	395749	40.982	nq	99
50) Dimethylphthalate	9.55	163	301715	40.616	nq	99
51) 2,6-Dinitrotoluene	9.62	165	65998	42.268	nq	89
52) Acenaphthene	9.86	154	233740	39.834	nq	99
53) 3-Nitroaniline	9.79	138	59970	31.452	nq	95
54) 2,4-Dinitrophenol	9.92	184	45518	68.770	nq	88
55) Dibenzofuran	10.03	168	352274	41.155	nq	98
56) 4-Nitrophenol	9.97	139	80759	93.008	nq	91
57) 2,4-Dinitrotoluene	10.03	165	89815	43.594	nq	96
58) Fluorene	10.37	166	289040	40.555	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	61613	44.351	nq	99
60) Diethylphthalate	10.25	149	309619	41.349	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	127830	40.511	nq	92
62) 4-Nitroaniline	10.41	138	68756	37.935	nq	97
63) Azobenzene	10.53	77	317682	41.347	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	36417	41.075	nq	95
66) n-Nitrosodiphenylamine	10.49	169	257946	40.734	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	71643	38.533	nq	92
68) Hexachlorobenzene	10.93	284	74371	37.247	nq	91
69) Atrazine	11.02	200	75063	73.102	nq	99
70) Pentachlorophenol	11.13	266	59309	99.287	nq	93
71) Phenanthrene	11.34	178	399913	39.910	nq	99
72) Anthracene	11.39	178	420581	40.658	nq	100
73) Carbazole	11.55	167	397416	42.295	nq	100
74) Di-n-butylphthalate	11.87	149	522164	41.039	nq	99
75) Fluoranthene	12.53	202	435737	43.732	nq	99
77) Benzidine	12.65	184	91146	25.711	nq	97
78) Pyrene	12.76	202	445475	35.159	nq	99
80) Butylbenzylphthalate	13.36	149	229653	36.046	nq	95
81) Benzo(a)anthracene	13.95	228	394828	40.146	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	111250	35.777	nq	99
83) Chrysene	13.99	228	377870	38.960	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	333930	37.173	nq	97
85) Di-n-octyl phthalate	14.53	149	577242	42.208	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	298814	44.062	nq	99
88) Benzo(b)fluoranthene	15.00	252	362024	55.146	nq	99
89) Benzo(k)fluoranthene	15.02	252	316876	48.570	nq	99
90) Benzo(a)pyrene	15.36	252	301522	51.868	nq	97
91) Dibenzo(a,h)anthracene	16.87	278	260766	52.348	nq	99
92) Benzo(g,h,i)perylene	17.30	276	241282	50.886	nq	96

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

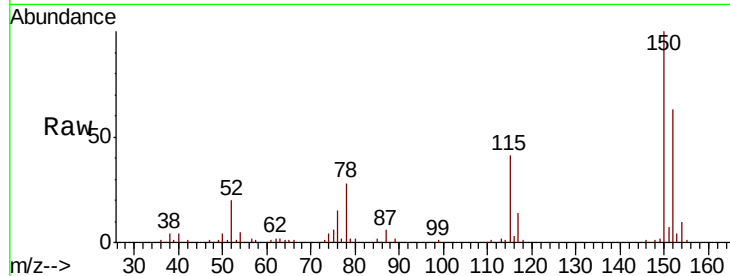


#1

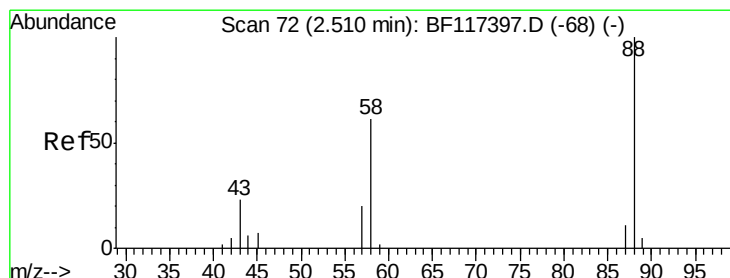
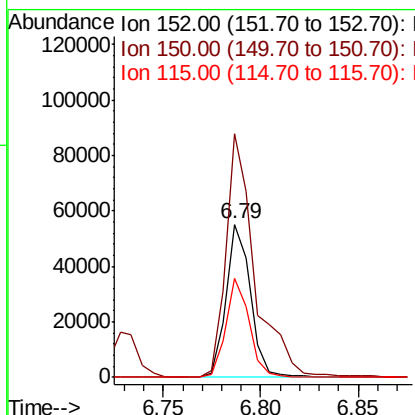
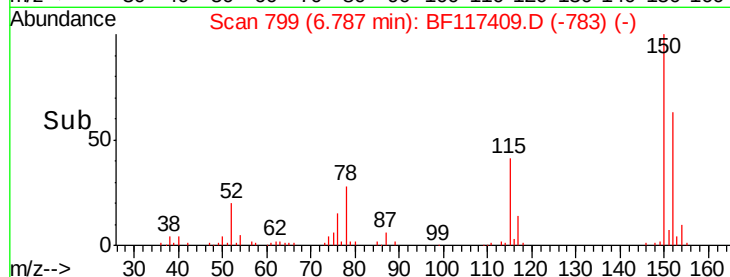
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 47728
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 64.8 48.6 73.0



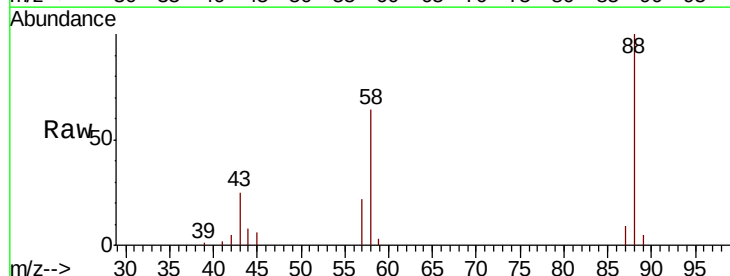
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



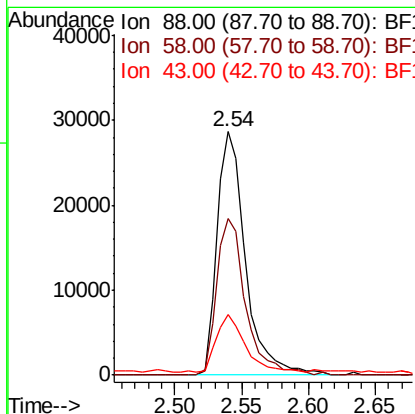
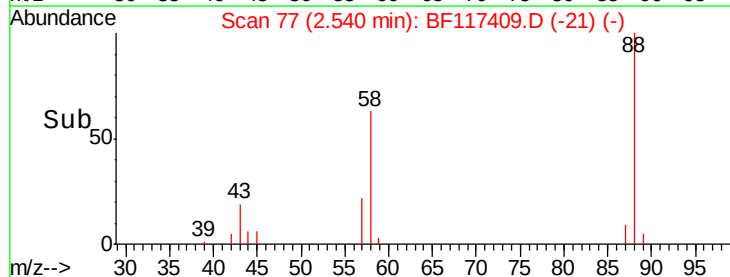
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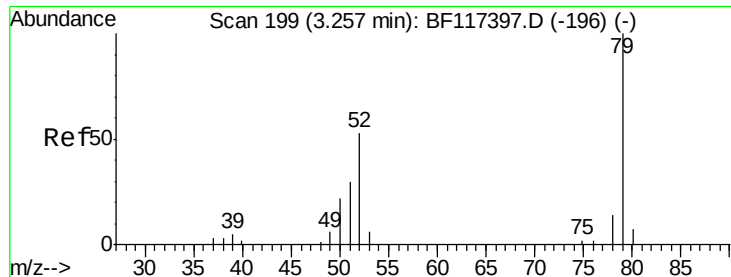
1,4-Dioxane
Concen: 33.684 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.03 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion: 88 Resp: 43014
Ion Ratio Lower Upper
88 100
58 66.0 49.4 74.2
43 24.0 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

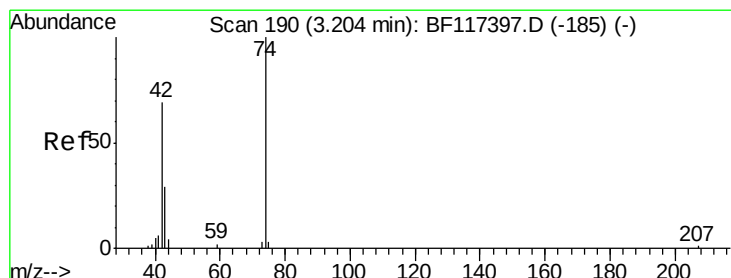
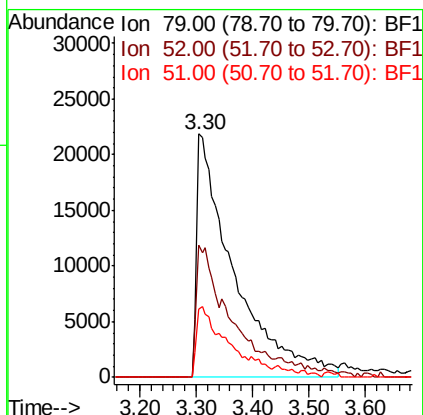
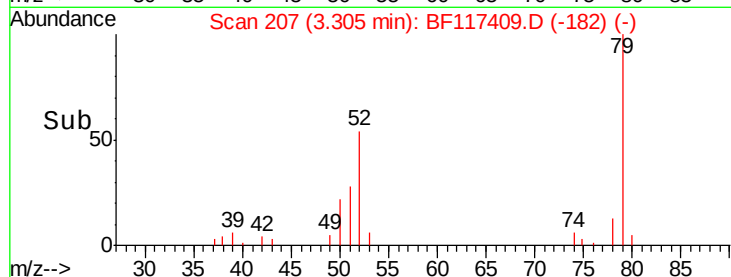
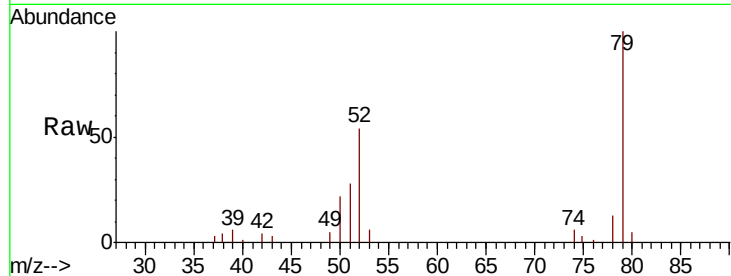




#3
 Pvridine
 Concen: 30.738 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

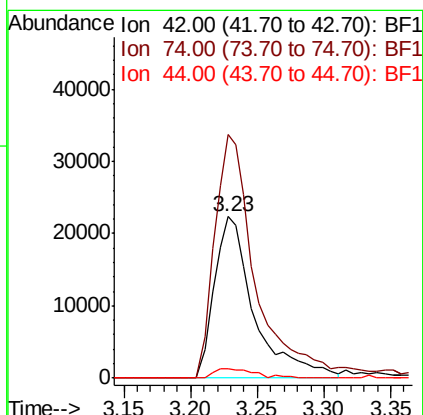
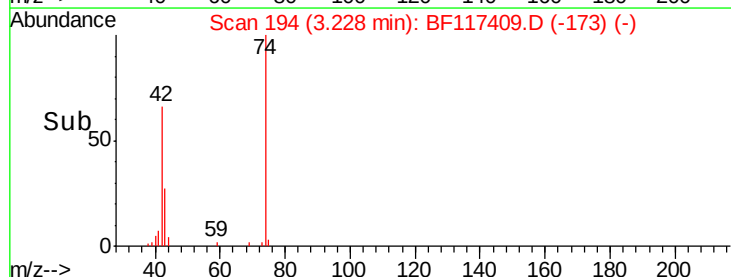
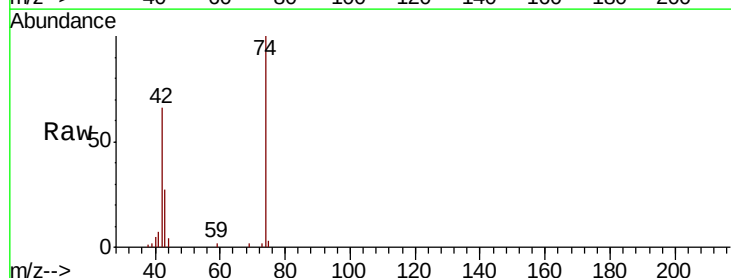
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

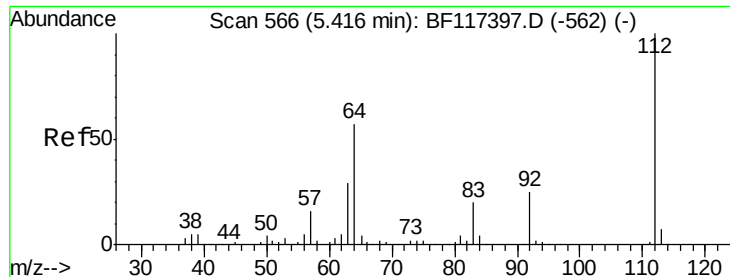
Tot Ion: 79 Resp: 99895
 Ion Ratio Lower Upper
 79 100
 52 54.3 42.7 64.1
 51 28.0 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 40.780 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.02 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion: 42 Resp: 46702
 Ion Ratio Lower Upper
 42 100
 74 150.9 116.2 174.4
 44 5.4 4.2 6.4





#5

2-Fluorophenol

Concen: 114.259 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

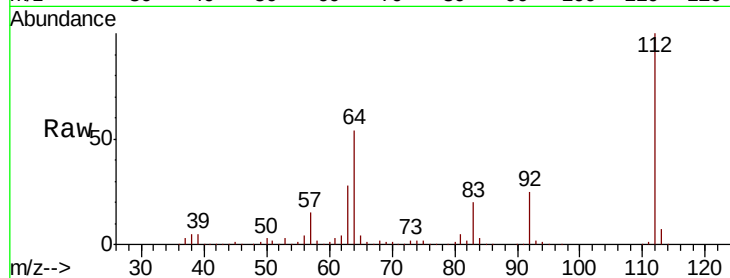
Tot Ion:112 Resp: 354431

Ion Ratio Lower Upper

112 100

64 53.6 45.2 67.8

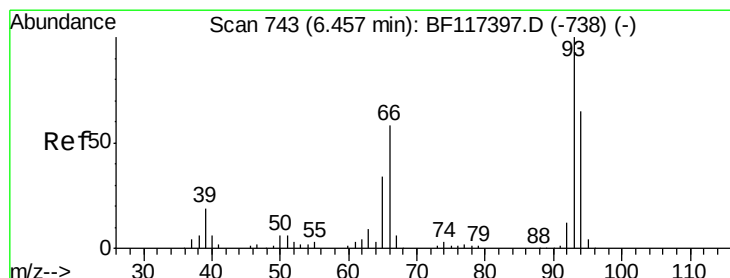
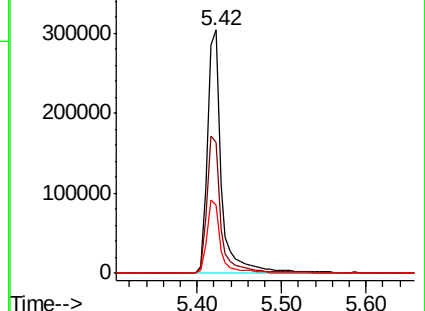
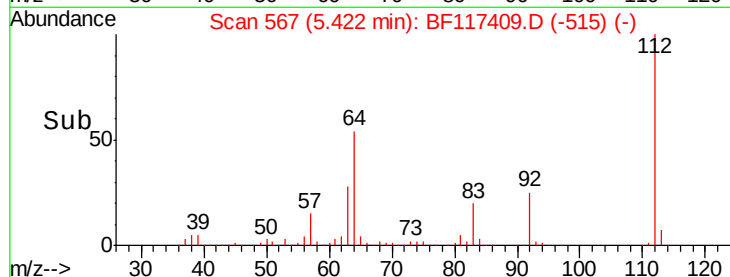
63 28.3 23.4 35.2



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: 27.713 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

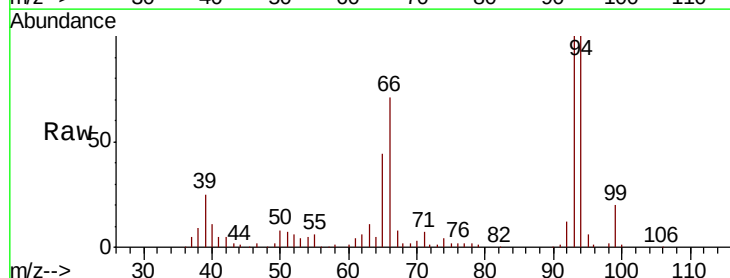
Tgt Ion: 93 Resp: 142483

Ion Ratio Lower Upper

93 100

66 71.4 48.4 72.6

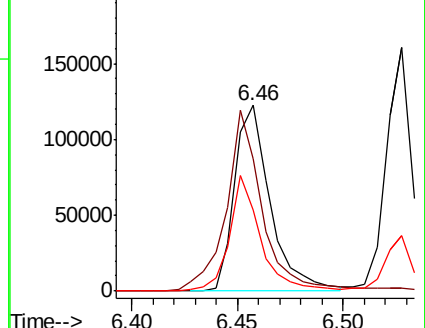
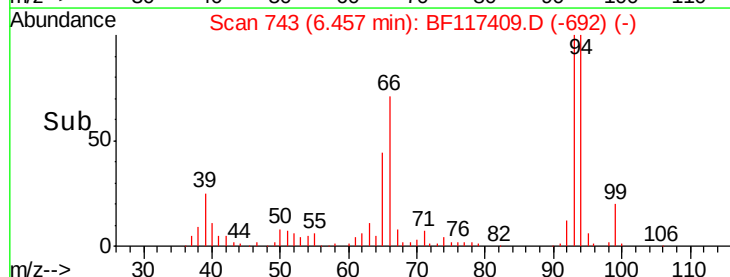
65 44.0 27.8 41.6#

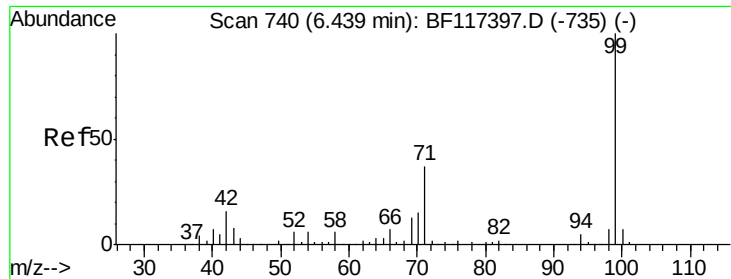


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.892 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

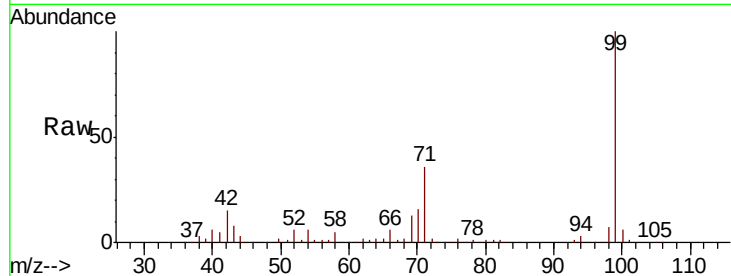
Tot Ion: 99 Resp: 460517

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

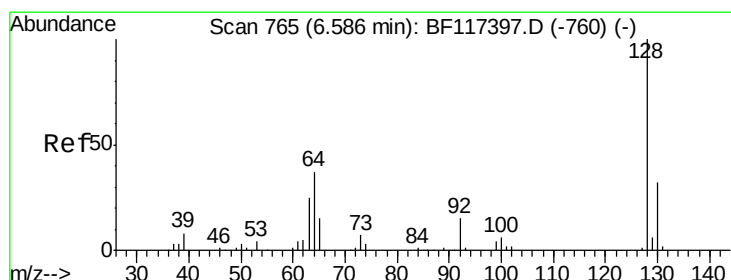
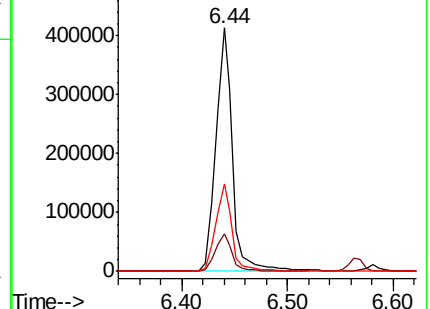
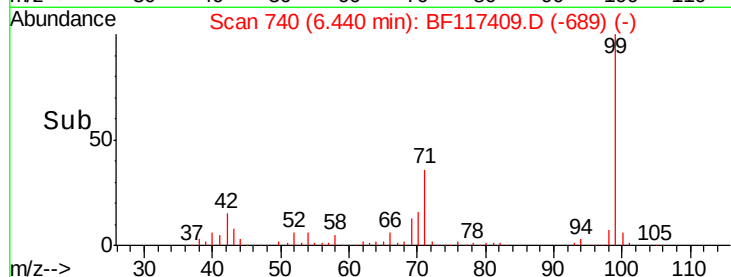
71 35.9 29.2 43.8



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: 40.960 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

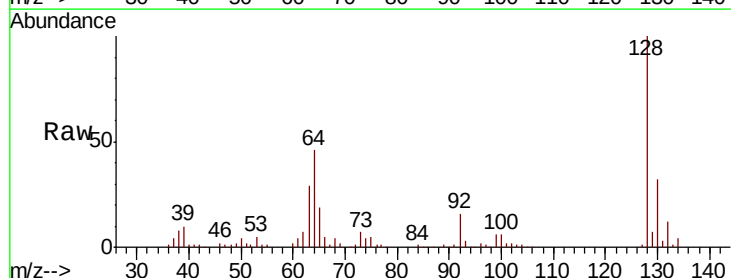
Tgt Ion: 128 Resp: 141259

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

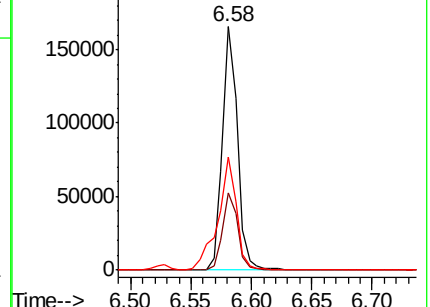
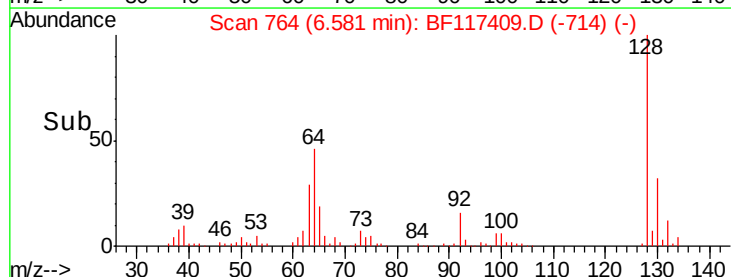
64 46.4 20.4 60.4

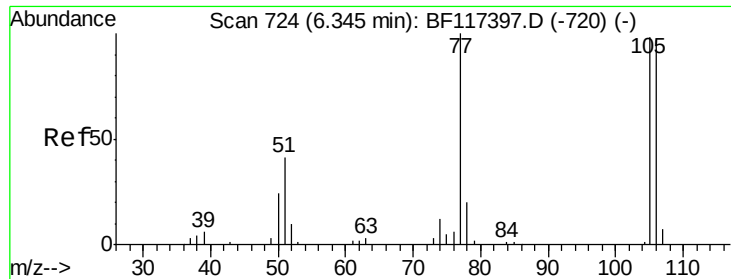


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.717 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

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ClientSampleId :

SSTDCCC040

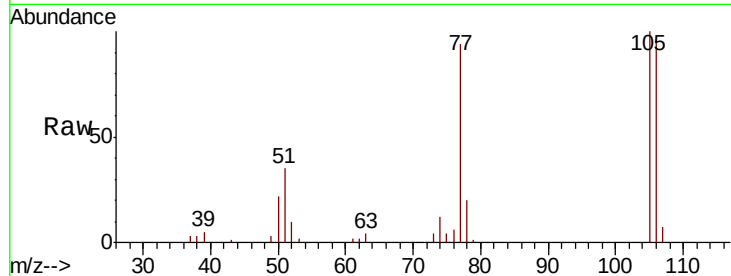
Tot Ion: 77 Resp: 51812

Ion Ratio Lower Upper

77 100

105 106.3 77.9 117.9

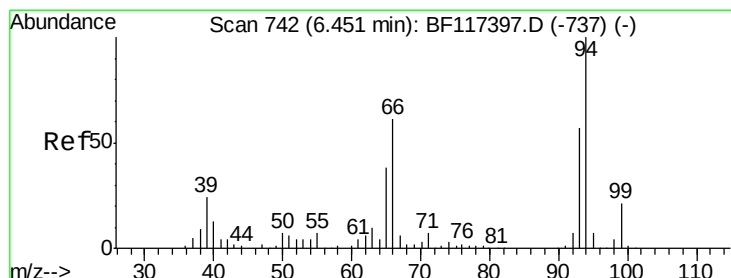
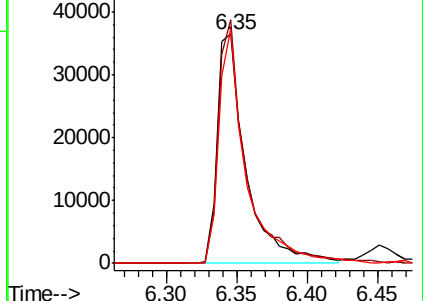
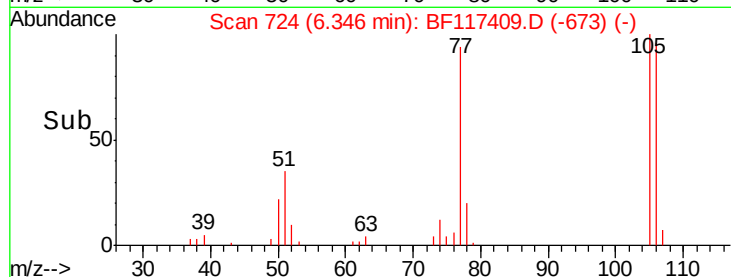
106 102.5 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.880 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

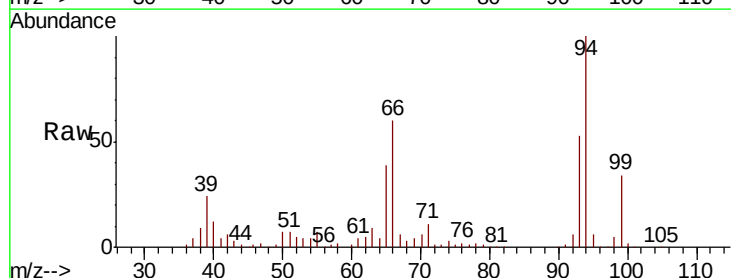
Tgt Ion: 94 Resp: 177200

Ion Ratio Lower Upper

94 100

65 38.5 18.2 58.2

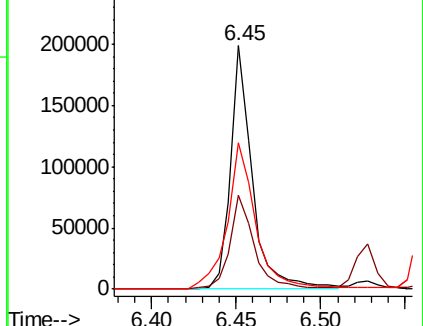
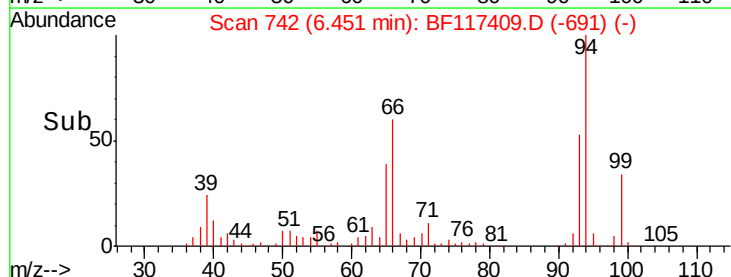
66 60.0 41.1 81.1

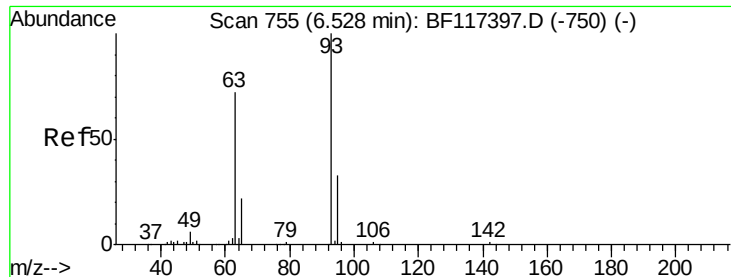


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.786 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

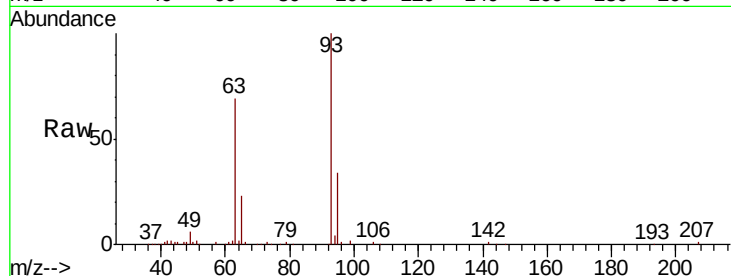
Tot Ion: 93 Resp: 134403

Ion Ratio Lower Upper

93 100

63 68.6 50.9 90.9

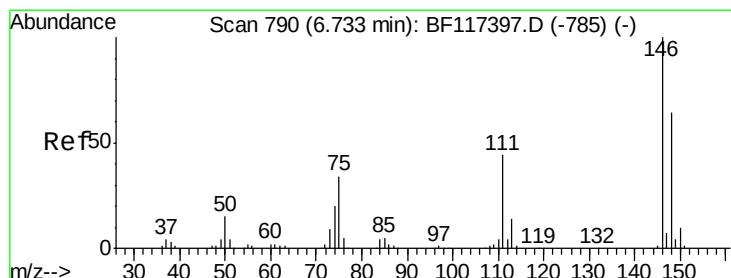
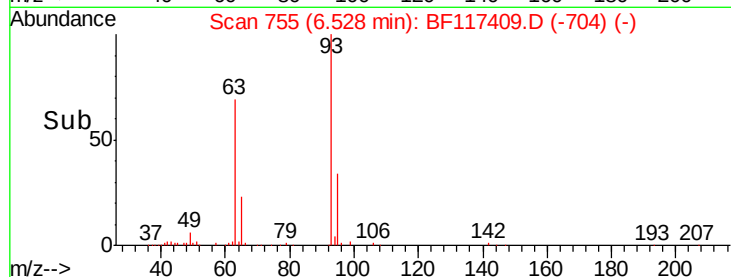
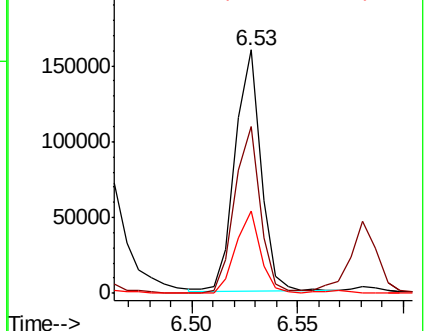
95 33.6 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.388 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

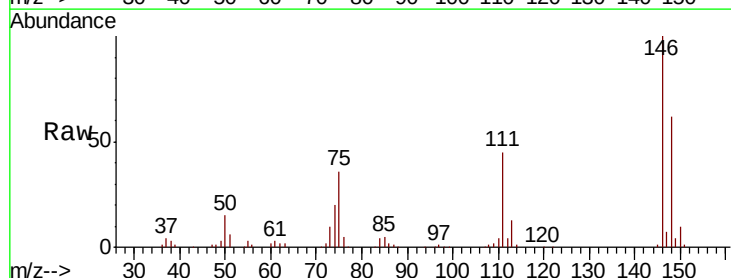
Tgt Ion: 146 Resp: 148051

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

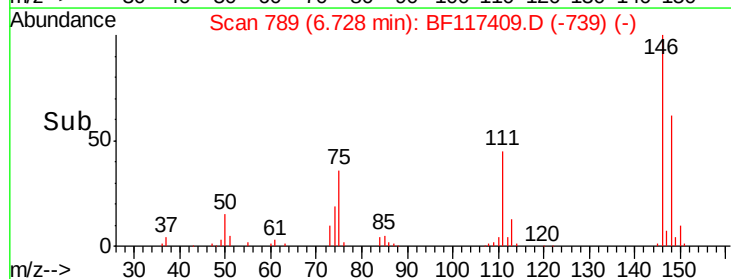
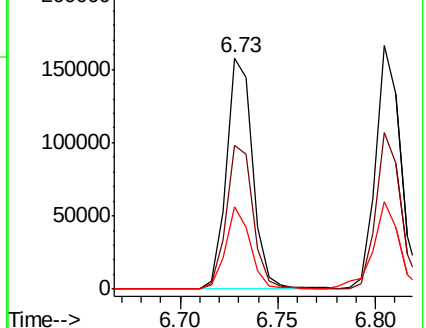
75 35.6 27.4 41.2

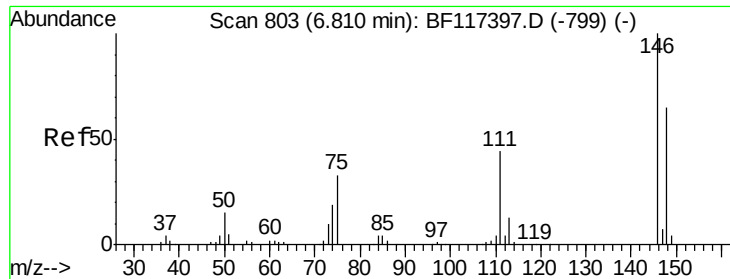


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

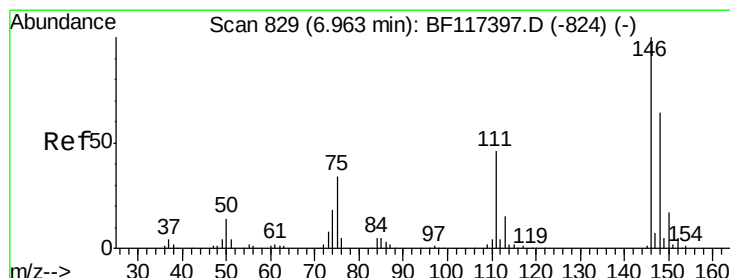
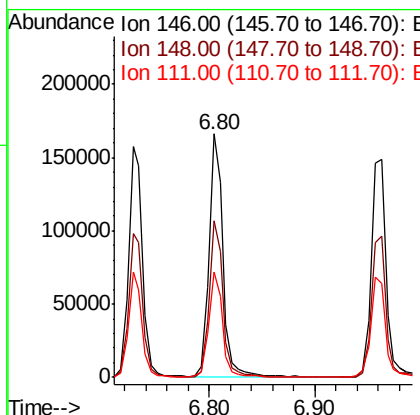
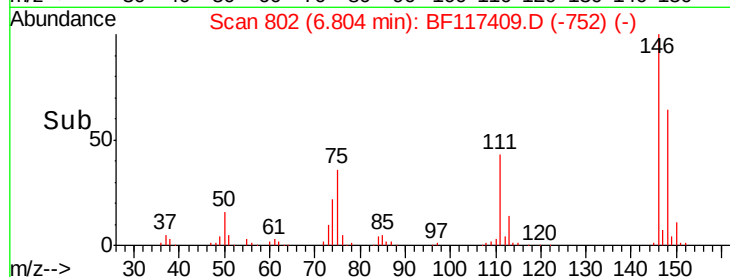
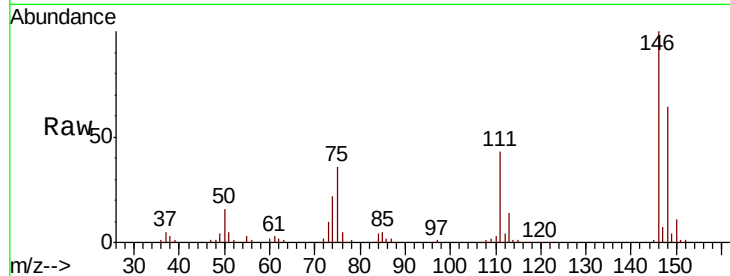




#13
 1,4-Dichlorobenzene
 Concen: 39.197 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

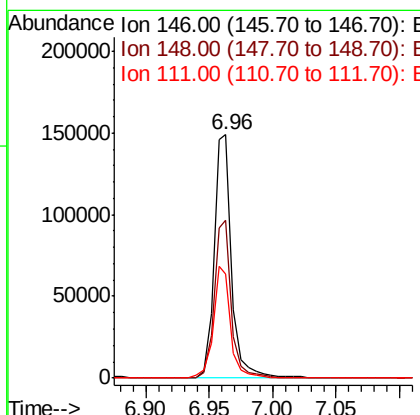
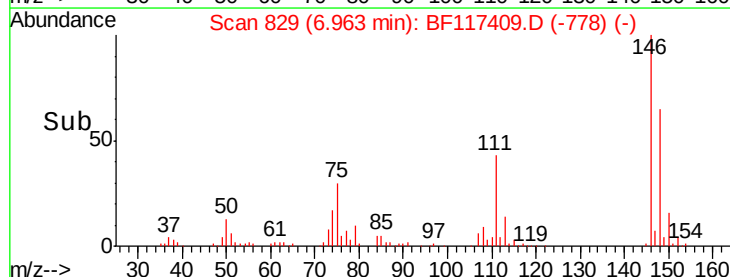
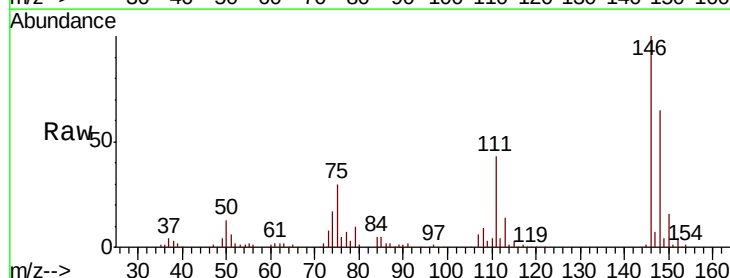
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

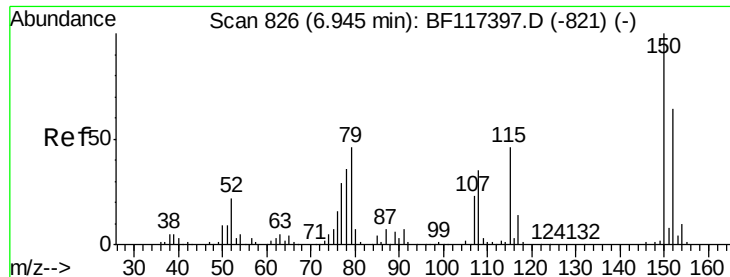
Tot Ion:146 Resp: 154100
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 43.1 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 39.083 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:146 Resp: 145131
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 42.8 36.5 54.7

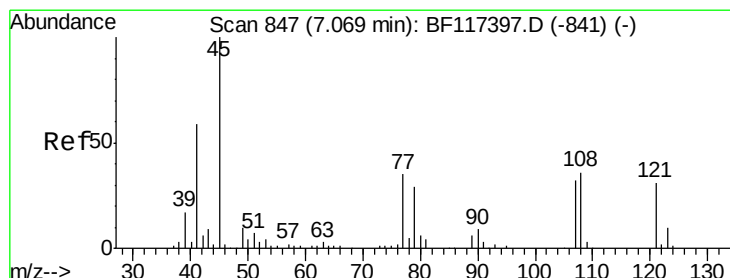
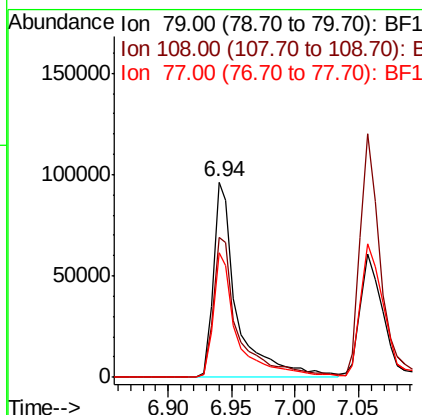
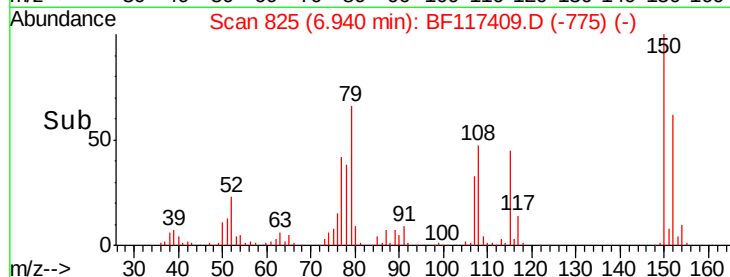
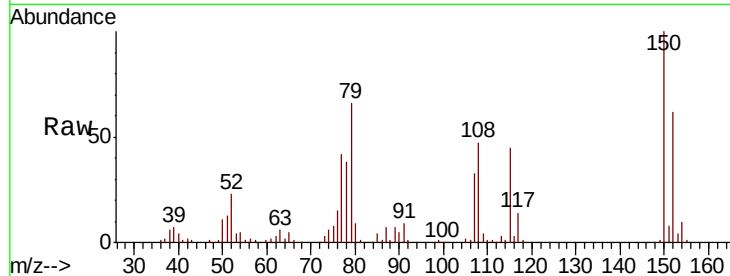




#15
Benzyl Alcohol
Concen: 40.420 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

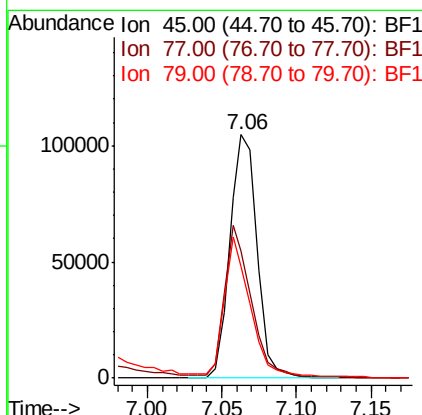
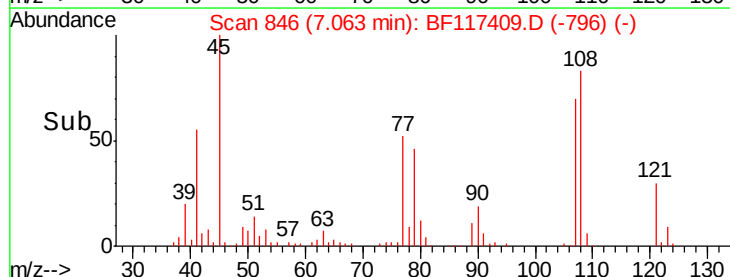
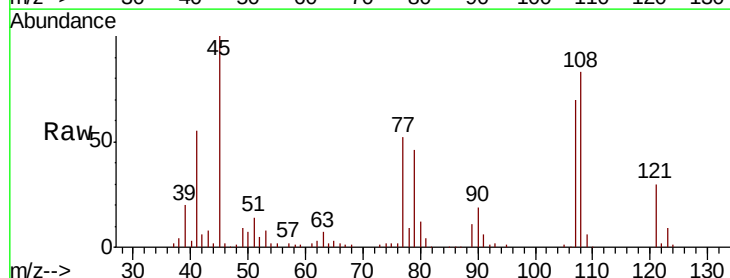
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

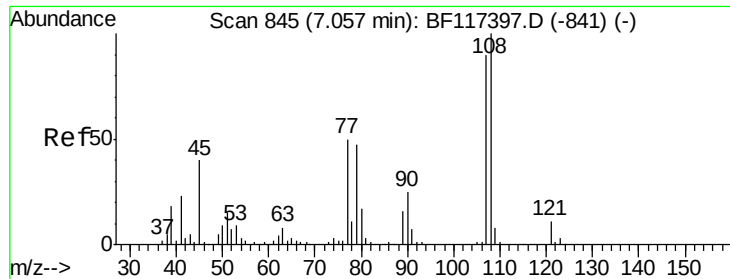
Tot Ion: 79 Resp: 127275
Ion Ratio Lower Upper
79 100
108 71.9 60.4 90.6
77 63.6 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.659 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion: 45 Resp: 133584
Ion Ratio Lower Upper
45 100
77 52.0 15.9 55.9
79 45.8 10.7 50.7

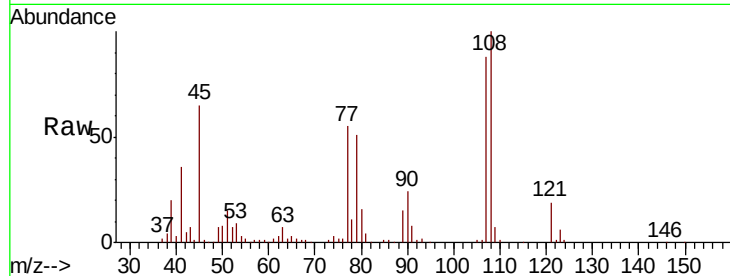




#17
2-Methylphenol
Concen: 40.035 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	115263
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.4	134.2
77	62.3	45.1	67.7
79	57.5	42.3	63.5



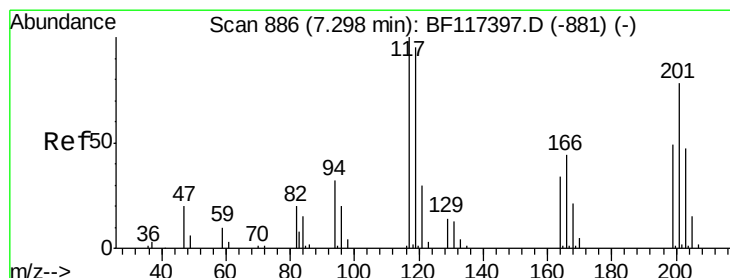
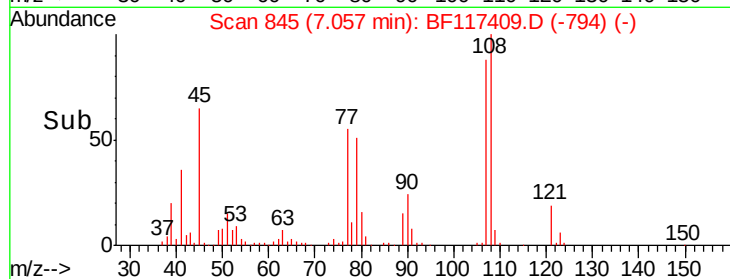
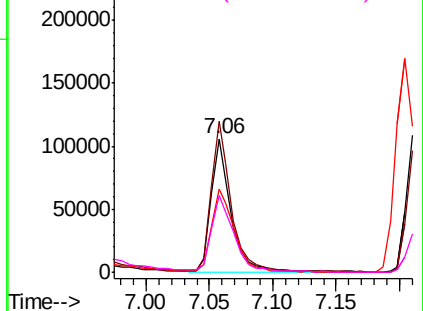
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

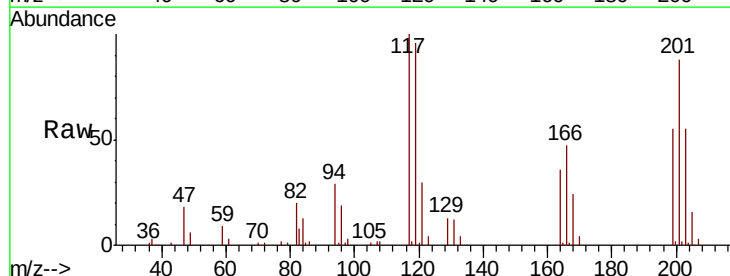
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.874 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:	117	Resp:	57892
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.7	113.5
201	87.6	62.2	93.4

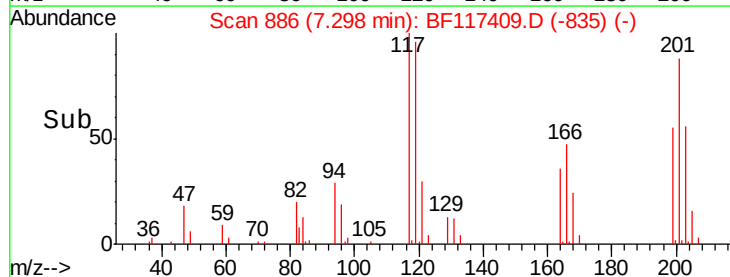
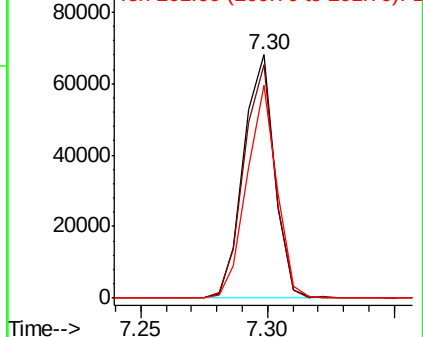


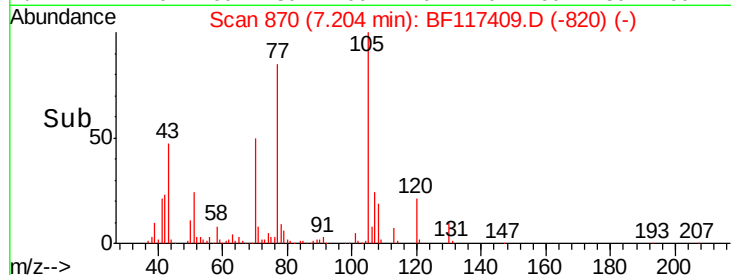
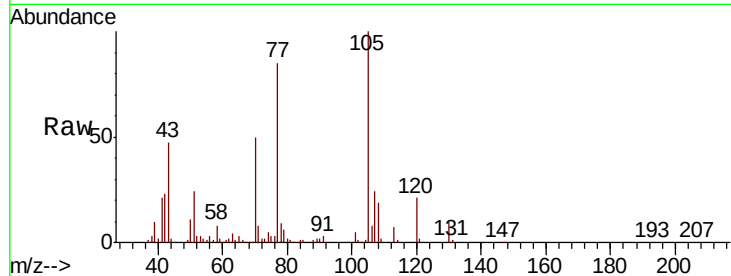
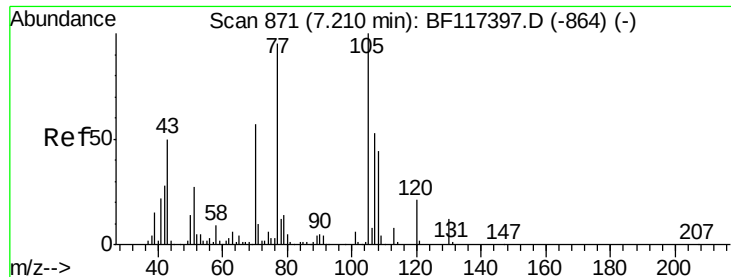
Abundance

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

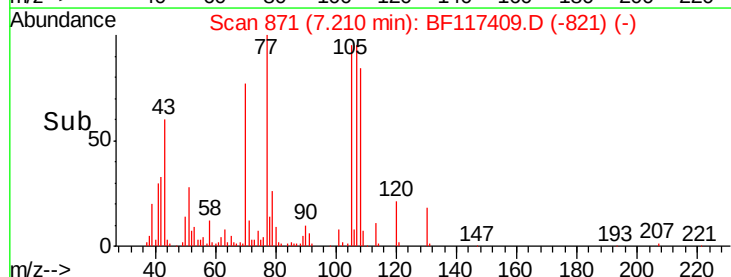
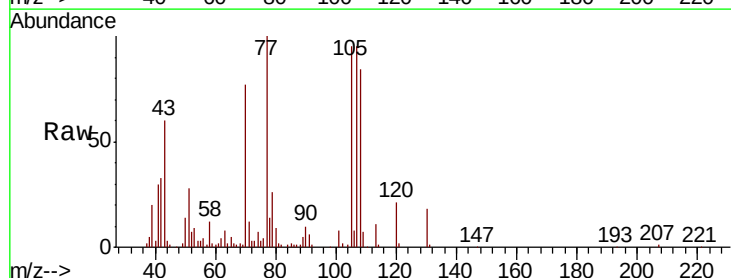
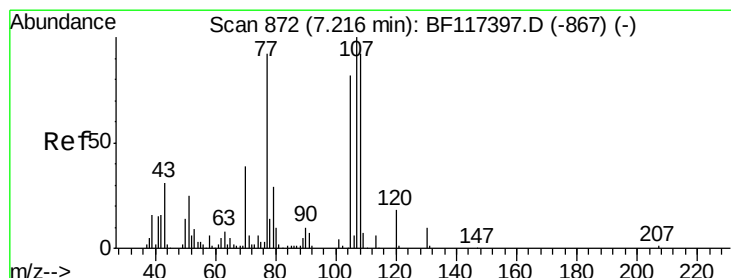
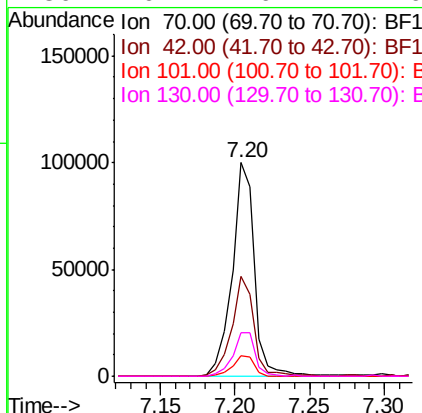




#19
n-Nitroso-di-n-propylamine
Concen: 40.196 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

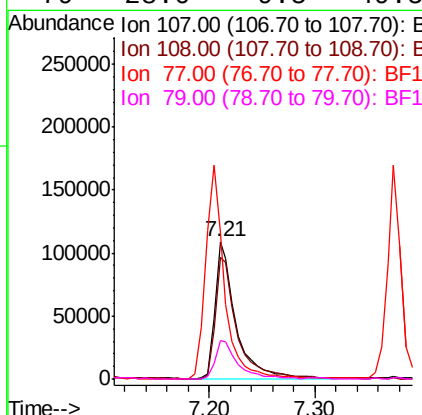
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

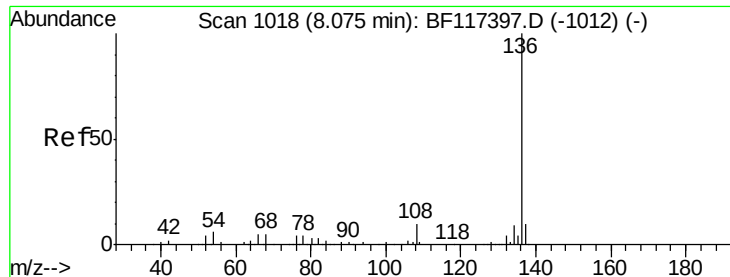
Tot Ion: 70 Resp: 105483
Ion Ratio Lower Upper
70 100
42 46.9 39.8 59.8
101 9.6 8.1 12.1
130 20.1 16.4 24.6



#20
3+4-Methylphenols
Concen: 40.680 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion: 107 Resp: 150803
Ion Ratio Lower Upper
107 100
108 88.3 71.8 111.8
77 105.7 72.7 112.7
79 28.0 9.5 49.5

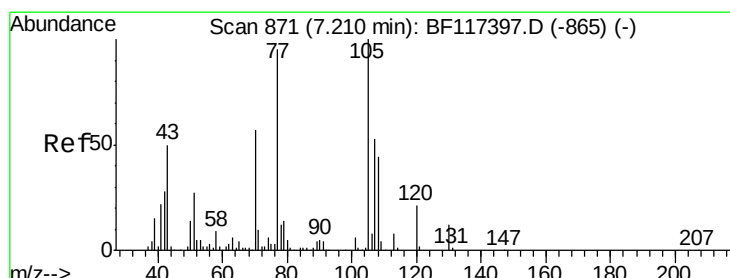
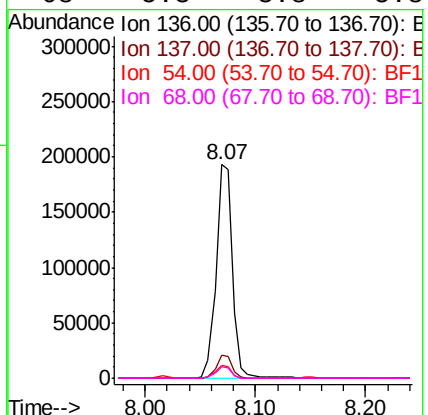
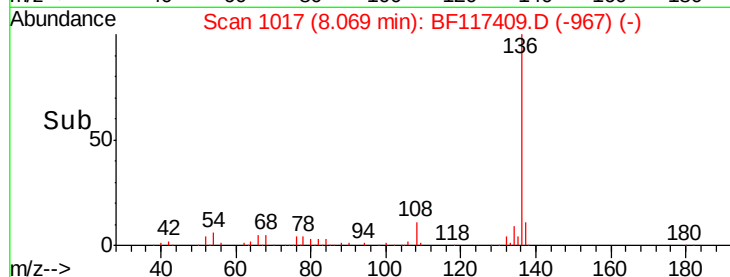
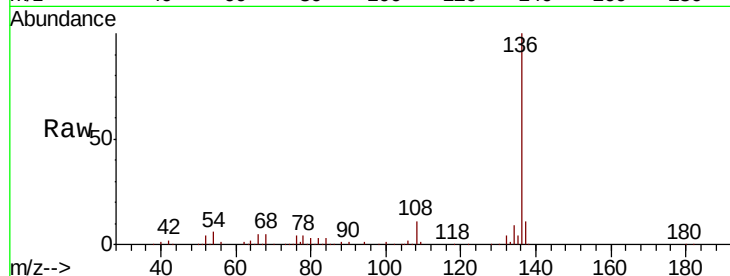




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

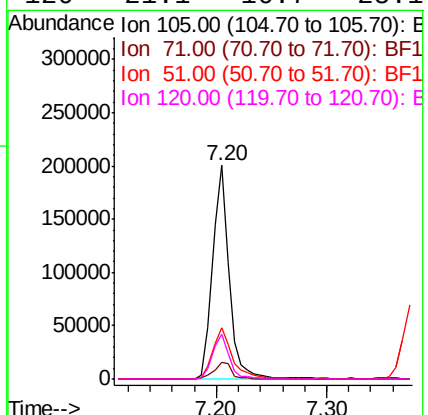
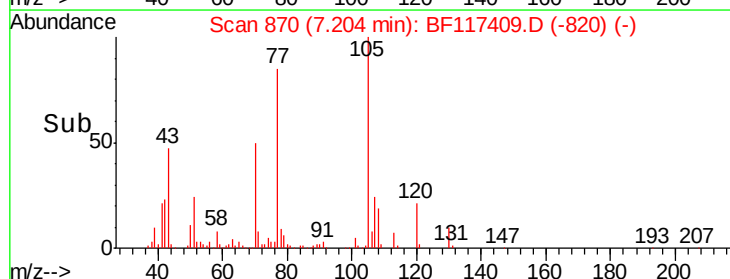
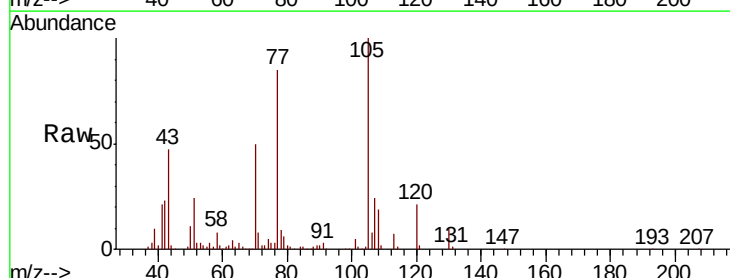
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

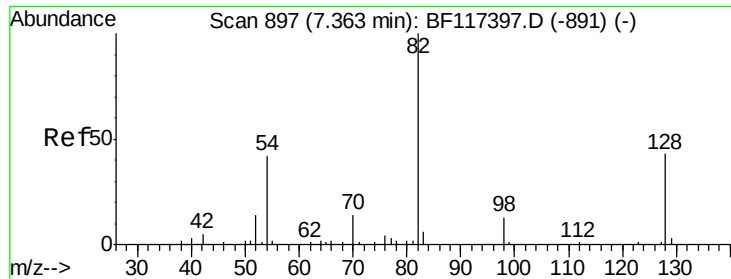
Tot Ion:136	Resp:	198002
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.4	12.6
54 6.1	4.6	6.8
68 5.3	3.8	5.8



#22
Acetophenone
Concen: 39.803 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt	Ion:105	Resp:	206805
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.8	11.6
51	24.2	21.5	32.3
120	21.1	16.7	25.1

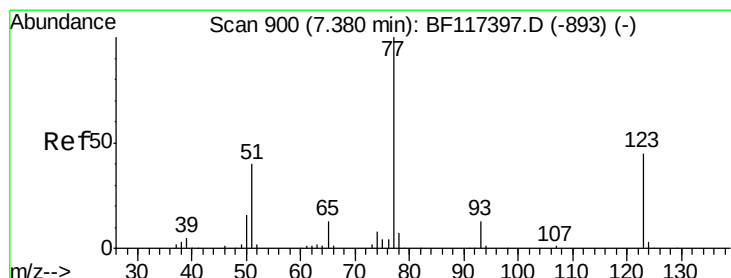
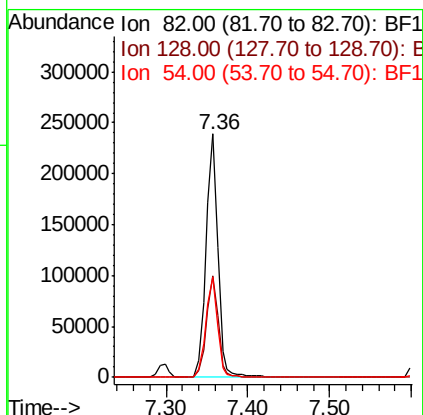
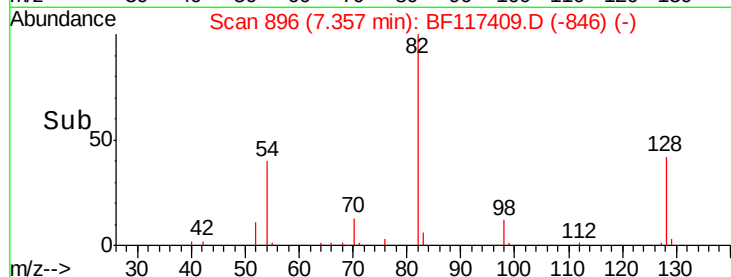
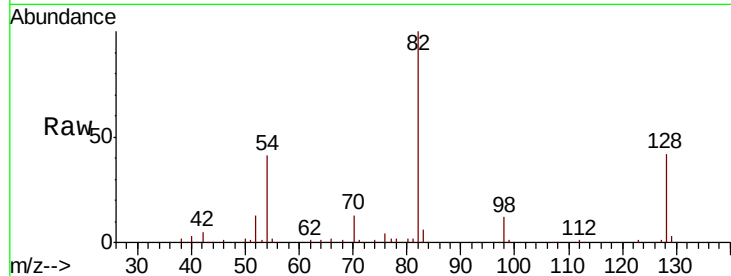




#23
 Nitrobenzene-d5
 Concen: 62.014 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

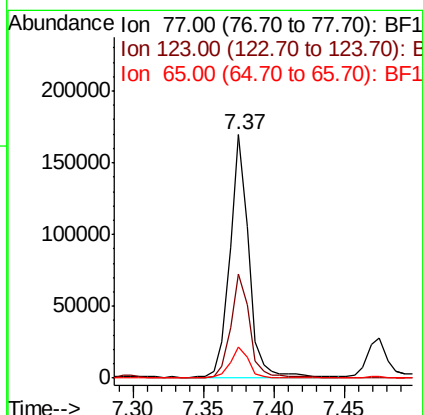
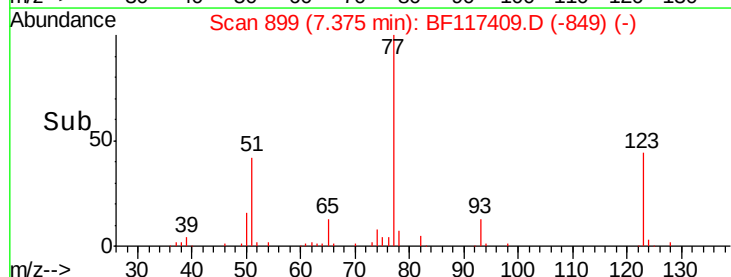
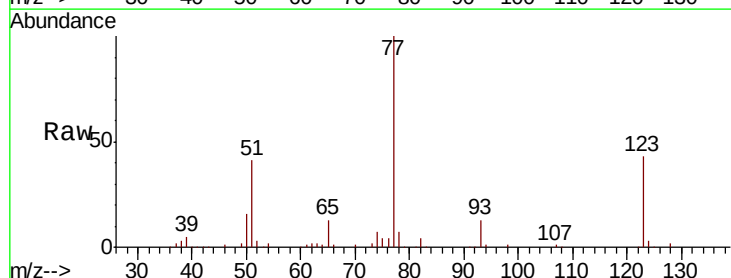
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

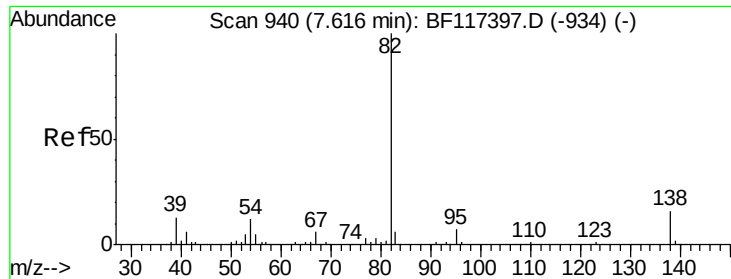
Tot Ion: 82 Resp: 242234
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.1 51.1
 54 41.0 33.3 49.9



#24
 Nitrobenzene
 Concen: 40.928 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion: 77 Resp: 160142
 Ion Ratio Lower Upper
 77 100
 123 43.0 35.8 53.8
 65 12.9 10.1 15.1





#25

Isophorone

Concen: 41.375 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

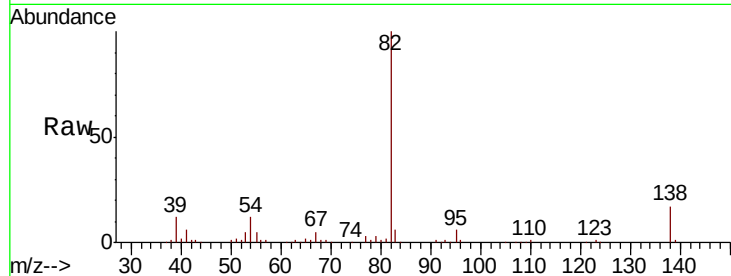
Tot Ion: 82 Resp: 287897

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

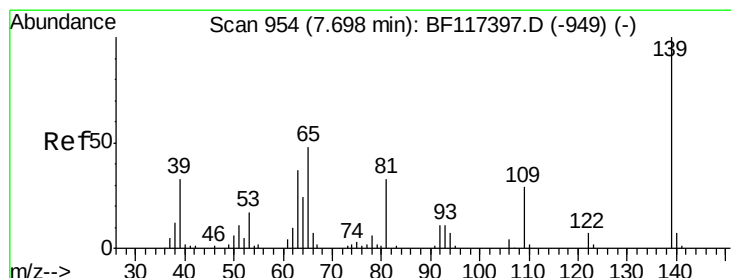
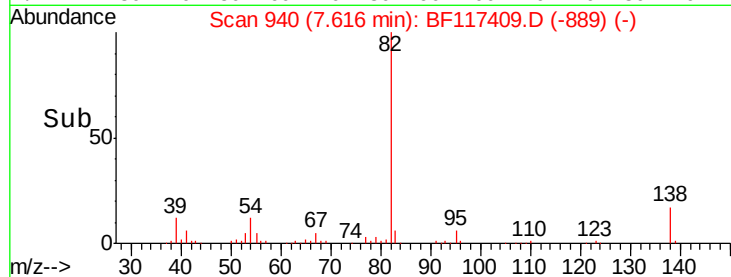
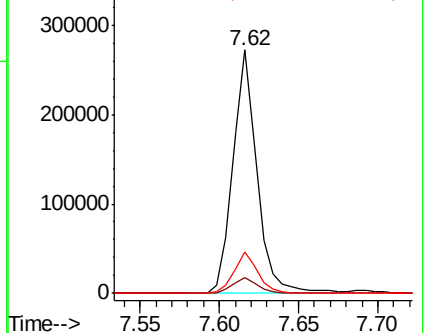
138 17.1 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.832 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

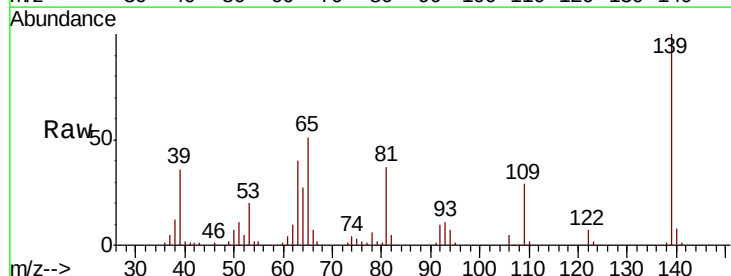
Tgt Ion: 139 Resp: 76093

Ion Ratio Lower Upper

139 100

109 29.2 23.1 34.7

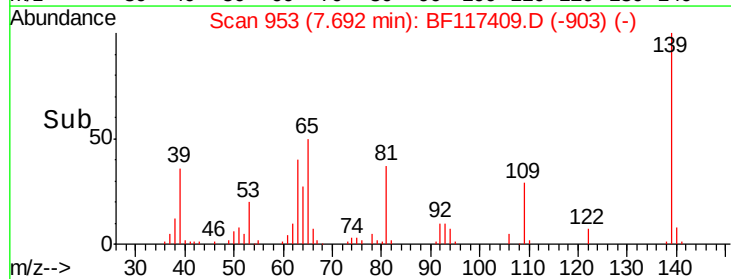
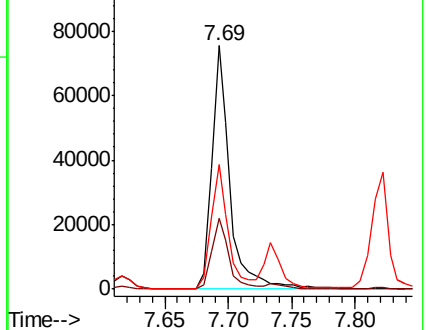
65 51.2 38.2 57.4

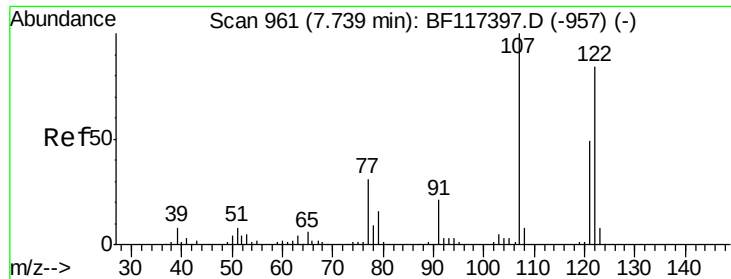


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

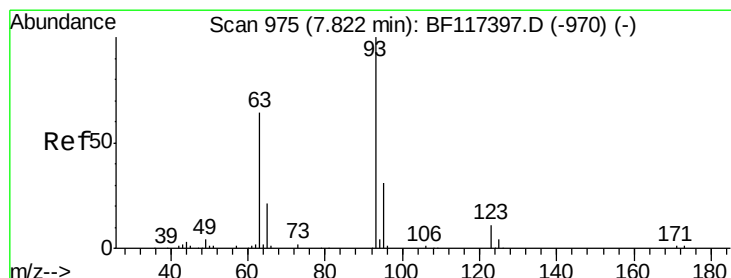
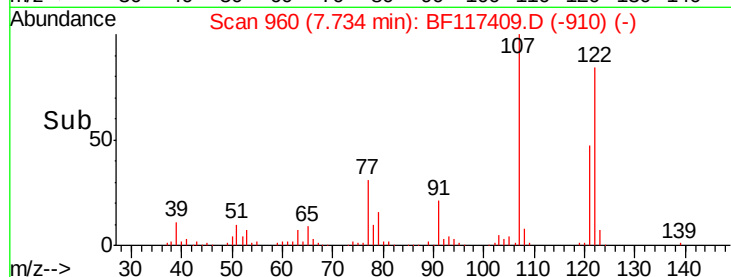
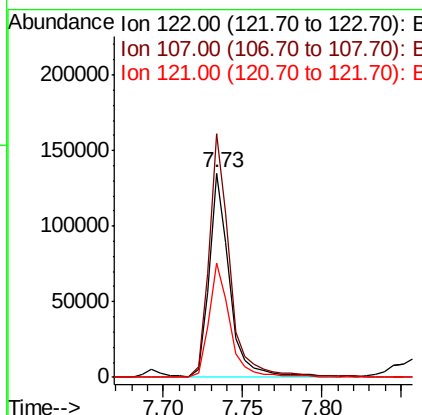
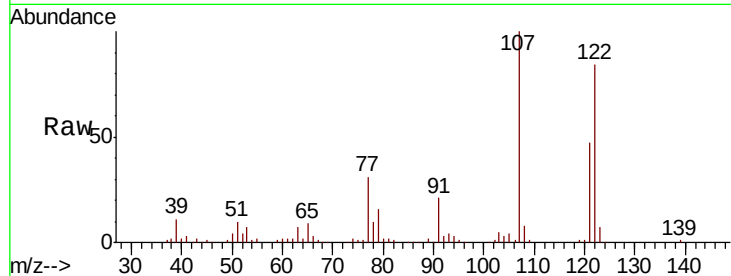




#27
 2,4-Dimethylphenol
 Concen: 45.873 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

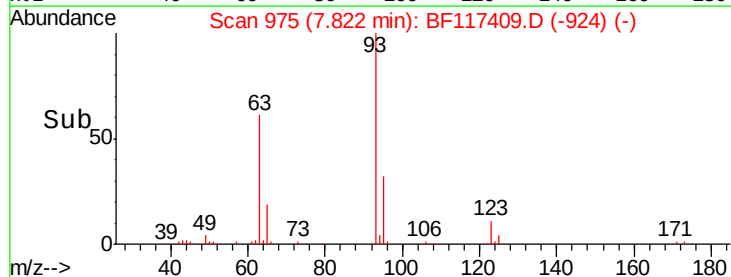
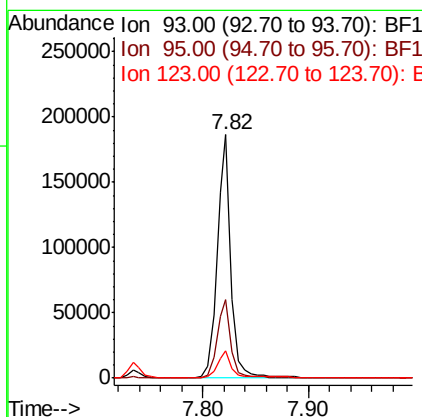
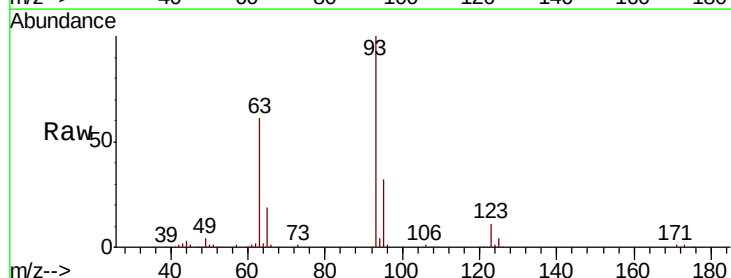
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

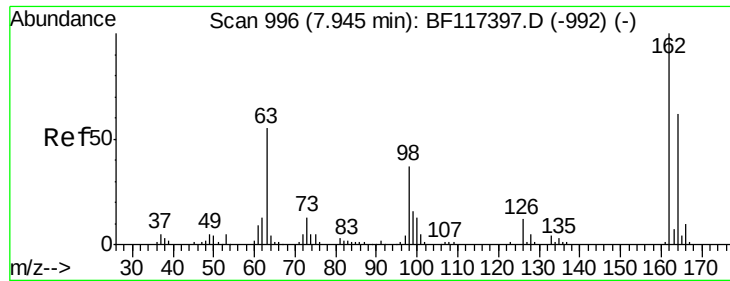
Tot Ion:122 Resp: 121032
 Ion Ratio Lower Upper
 122 100
 107 119.1 95.0 142.6
 121 55.9 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.668 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion: 93 Resp: 171110
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.1 37.7
 123 11.2 8.6 12.8

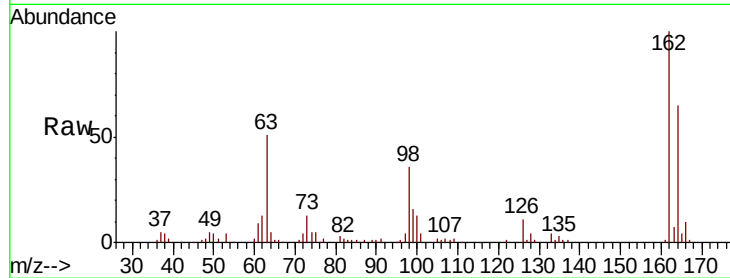




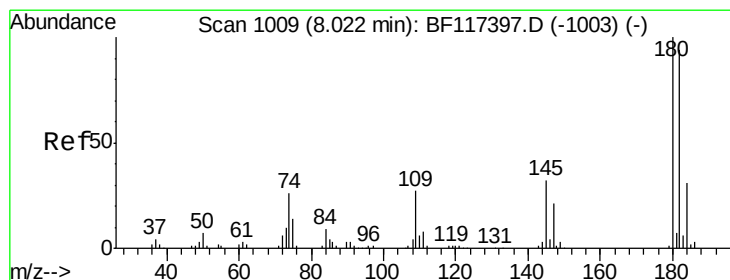
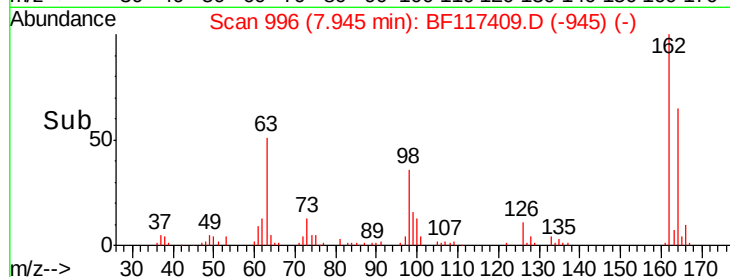
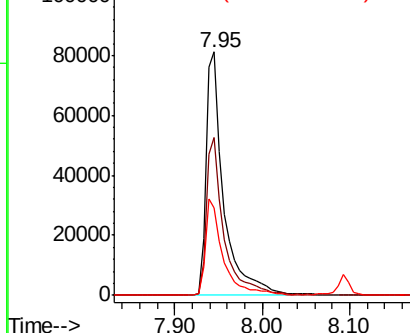
#29
2,4-Dichlorophenol
Concen: 41.794 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 113782
Ion Ratio Lower Upper
162 100
164 65.0 42.2 82.2
98 36.1 17.4 57.4

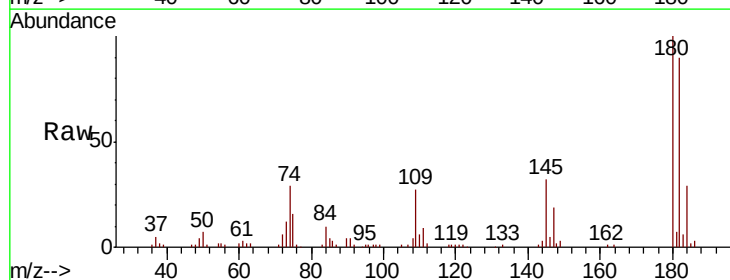


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

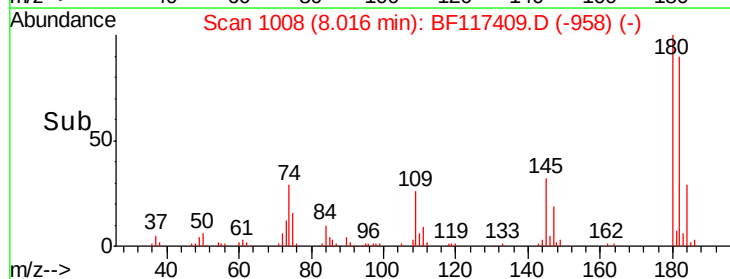
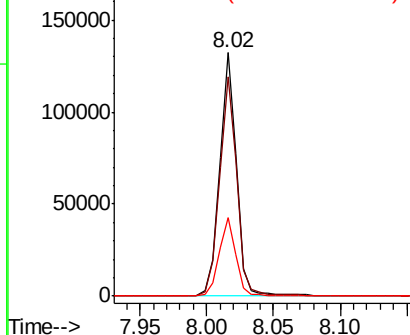


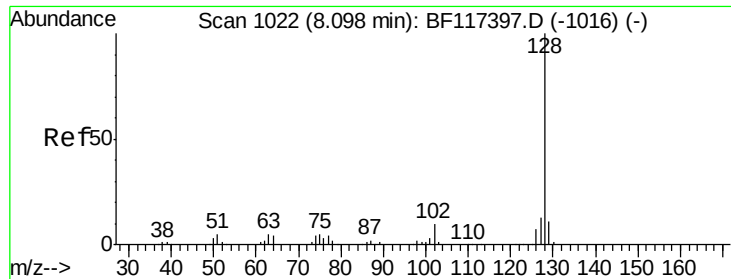
#30
1,2,4-Trichlorobenzene
Concen: 40.091 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:180 Resp: 117660
Ion Ratio Lower Upper
180 100
182 90.3 75.4 113.2
145 32.0 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

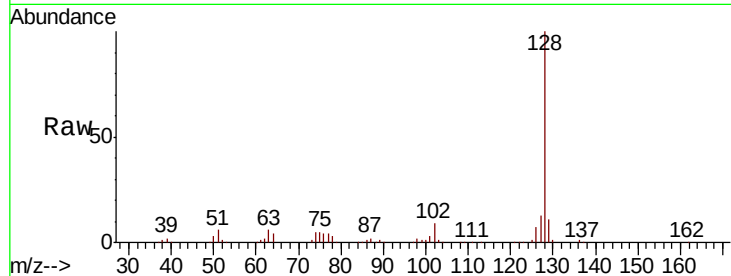




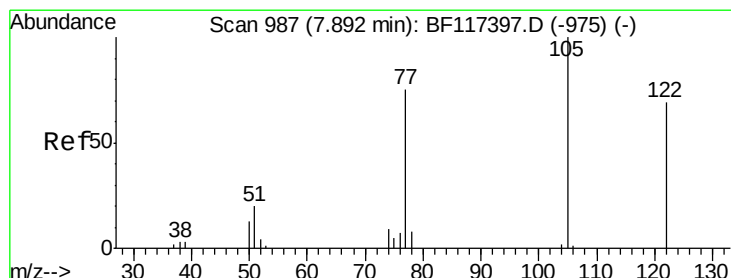
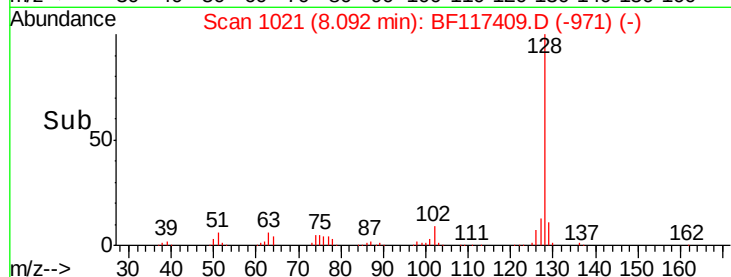
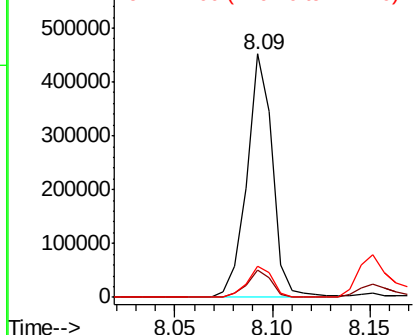
#31
Naphthalene
Concen: 41.394 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 409311
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.9 10.4 15.6

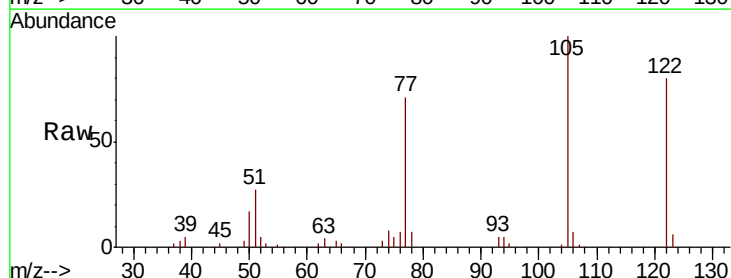


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

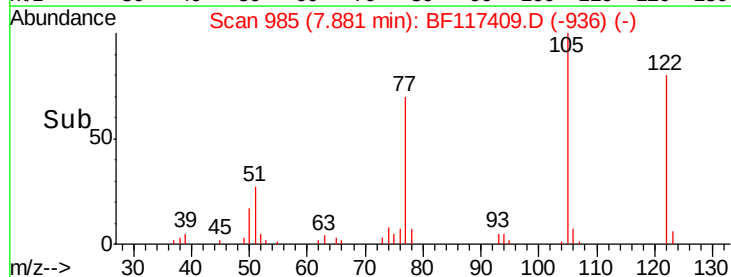
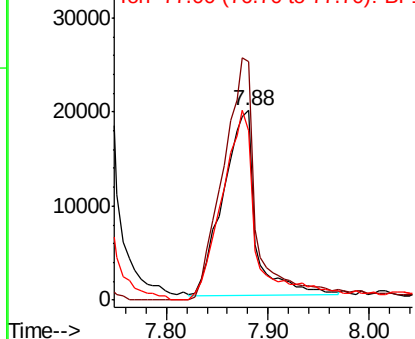


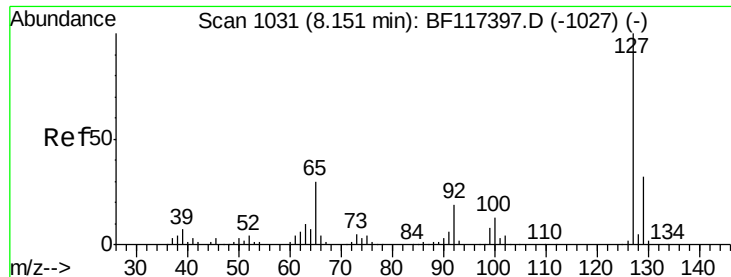
#32
Benzoic acid
Concen: 28.264 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:122 Resp: 44267
Ion Ratio Lower Upper
122 100
105 125.8 121.5 161.5
77 89.6 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

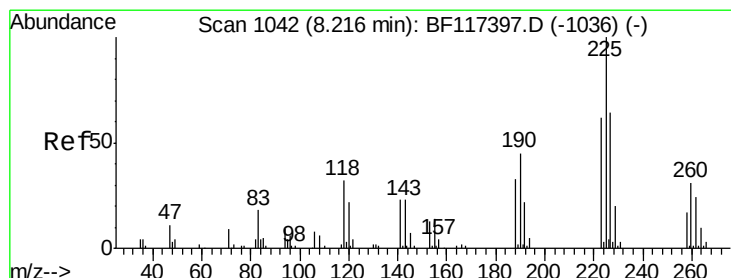
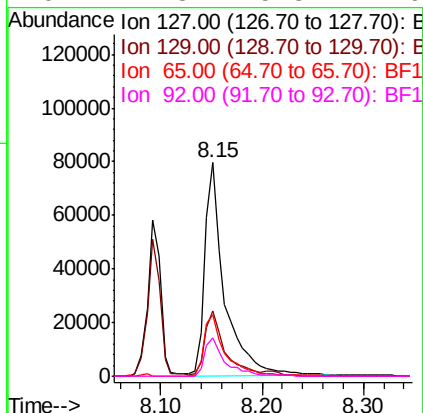
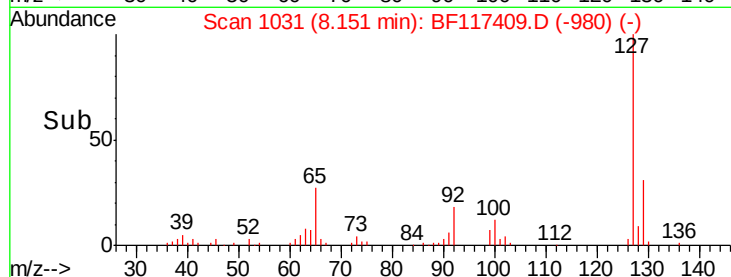
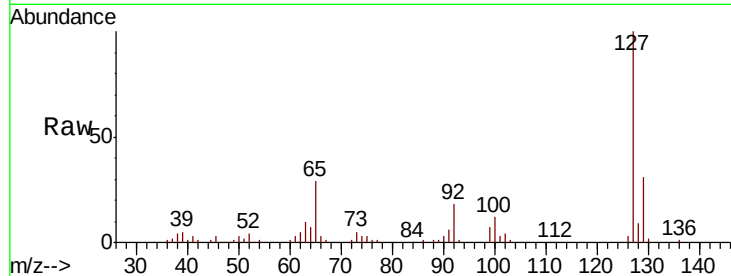




#33
4-Chloroaniline
Concen: 25.171 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

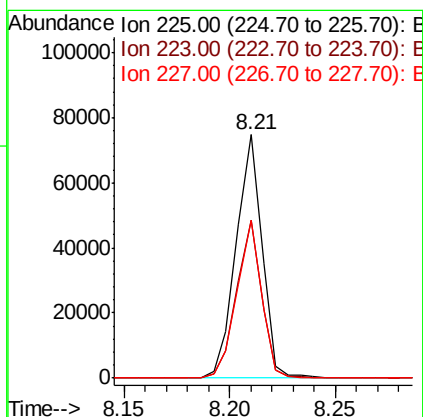
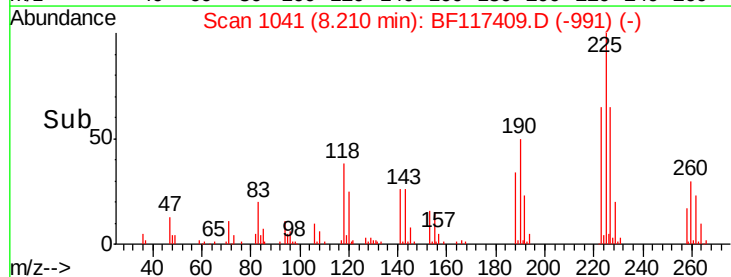
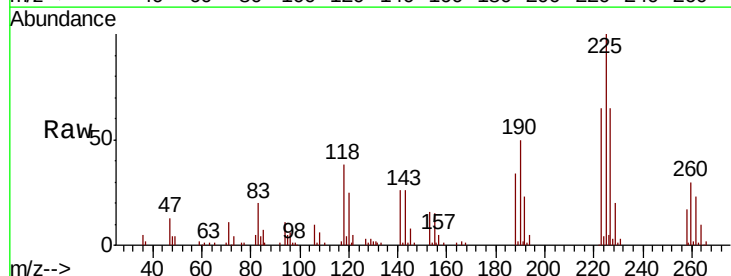
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

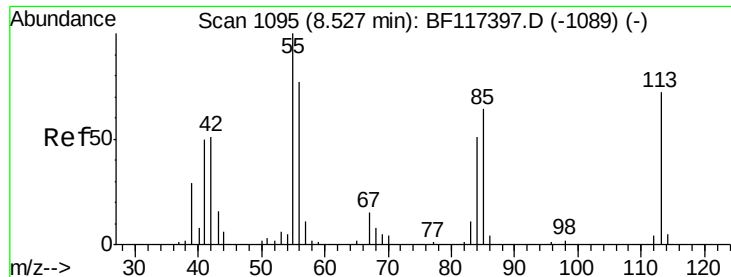
Tot Ion:	127	Resp:	105705
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.4	38.0
65	28.8	23.8	35.8
92	17.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.619 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:	225	Resp:	63233
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.7	74.5
227	64.9	50.9	76.3

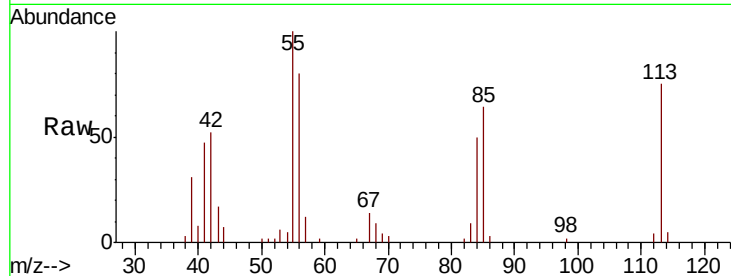




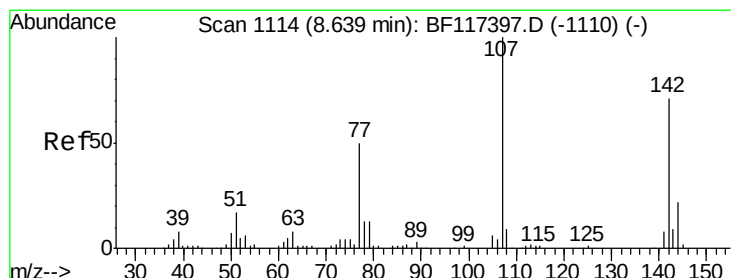
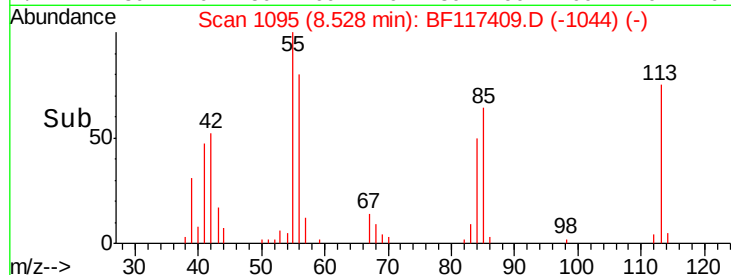
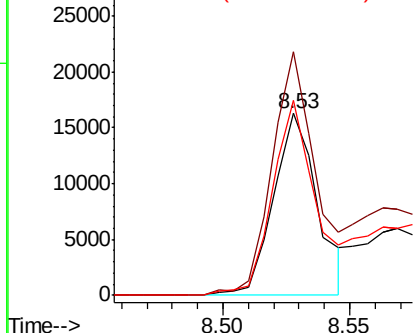
#35
 Caprolactam
 Concen: 22.921 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 19541
 Ion Ratio Lower Upper
 113 100
 55 134.1 118.5 158.5
 56 107.4 86.7 126.7

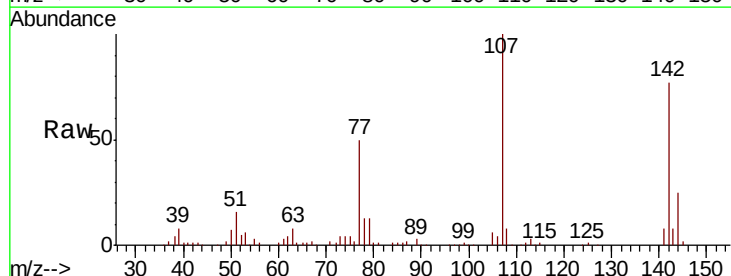


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

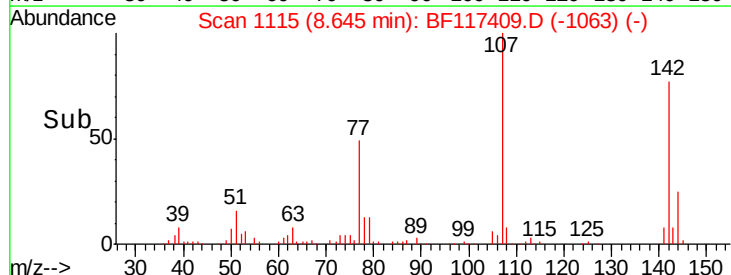
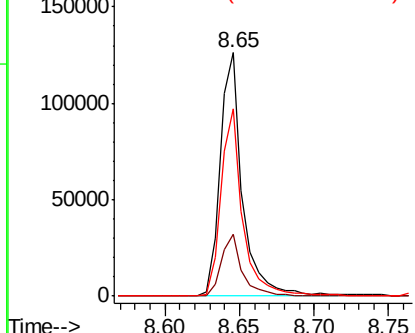


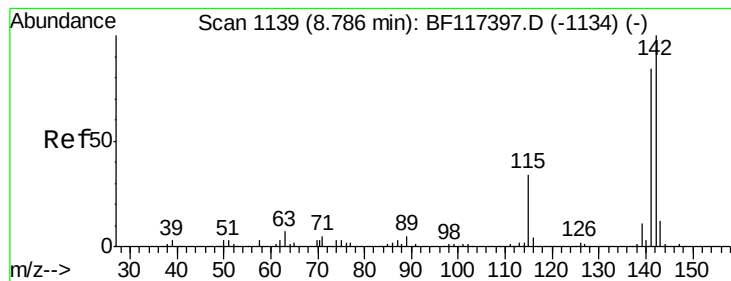
#36
 4-Chloro-3-methylphenol
 Concen: 42.752 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:107 Resp: 132436
 Ion Ratio Lower Upper
 107 100
 144 25.4 17.9 26.9
 142 76.8 56.9 85.3



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





#37

2-Methylnaphthalene

Concen: 42.487 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

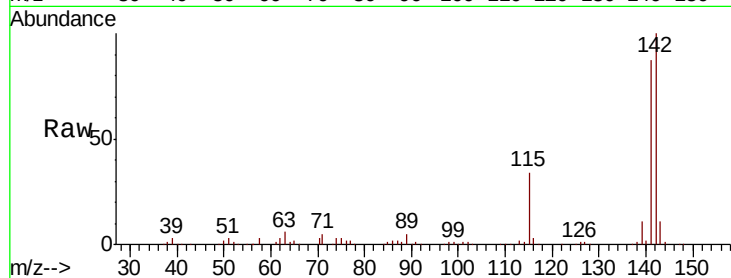
Tot Ion:142 Resp: 283694

Ion Ratio Lower Upper

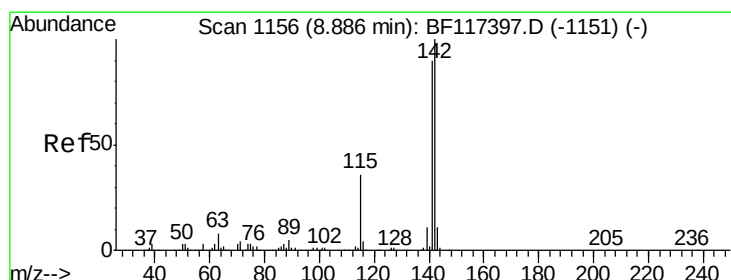
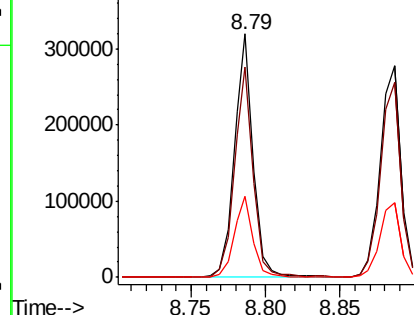
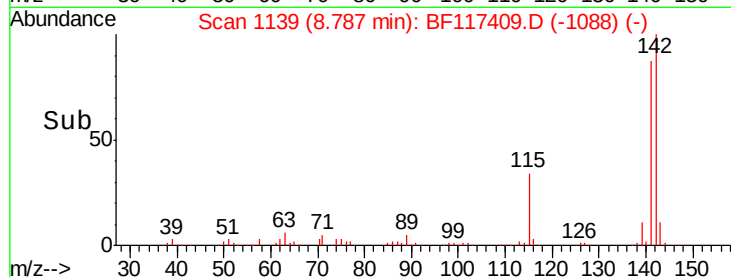
142 100

141 86.7 67.2 100.8

115 33.5 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: 41.818 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

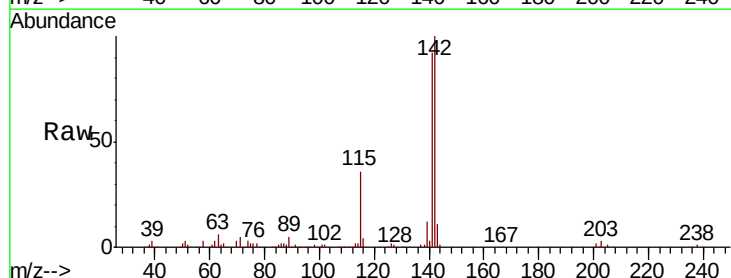
Tgt Ion:142 Resp: 263085

Ion Ratio Lower Upper

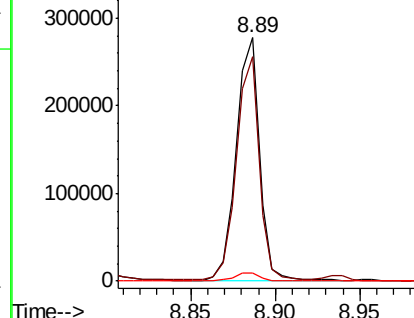
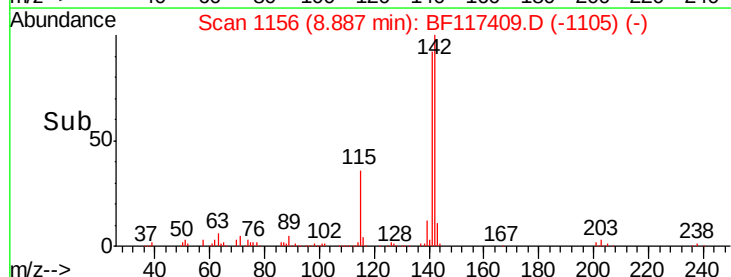
142 100

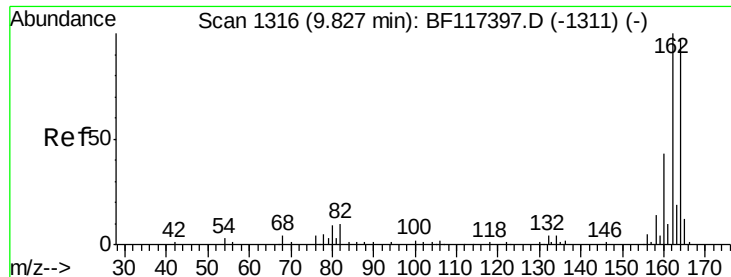
141 92.2 71.8 107.8

116 3.5 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: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

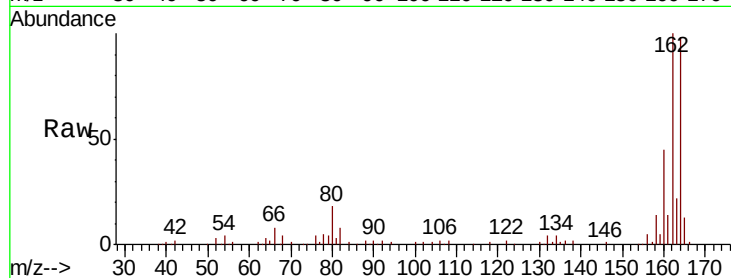
Tot Ion:164 Resp: 103436

Ion Ratio Lower Upper

164 100

162 101.6 82.4 123.6

160 45.6 35.4 53.0

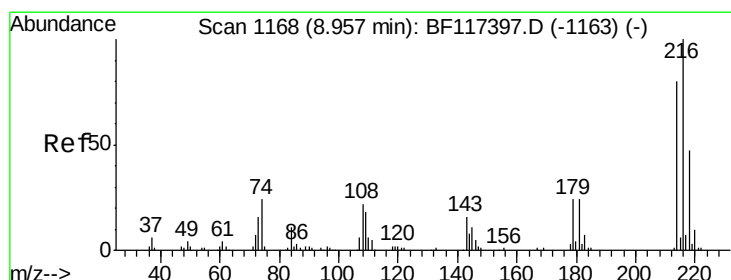
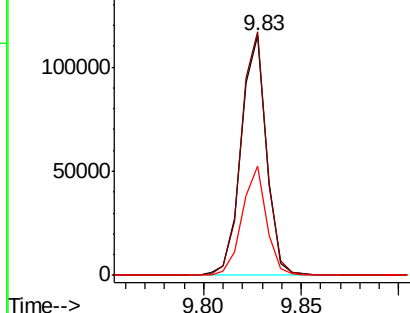
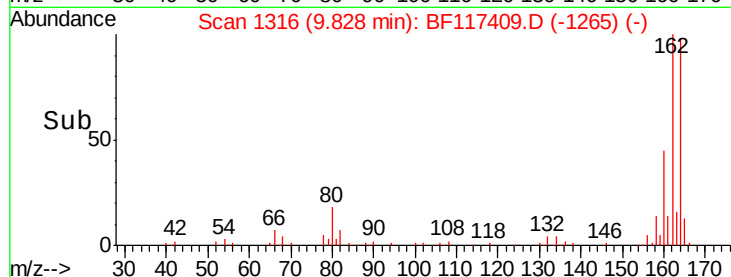


Abundance

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: 38.125 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Tgt Ion:216 Resp: 106133

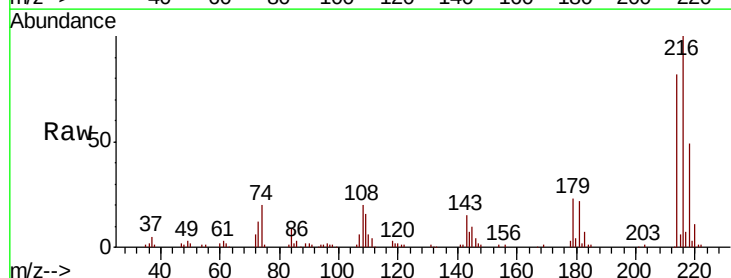
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.6

179 23.5 18.6 28.0

108 22.3 17.0 25.4



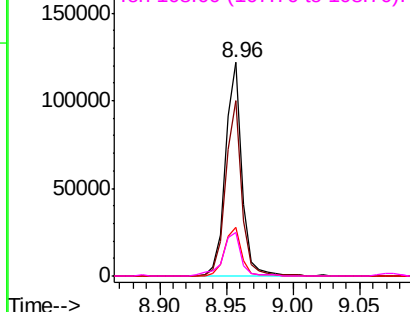
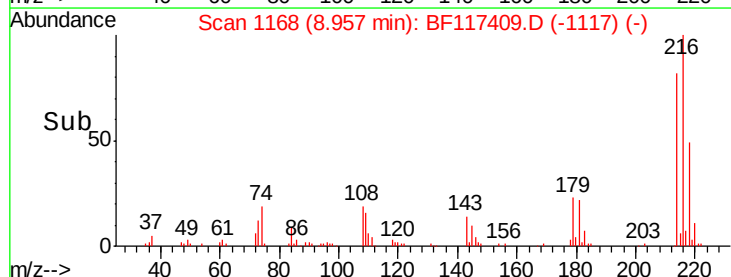
Abundance

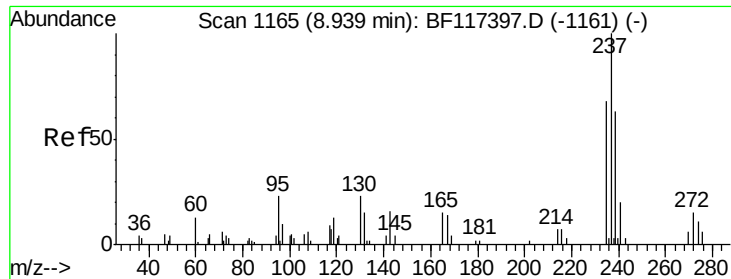
Ion 216.00 (215.70 to 216.70): E

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

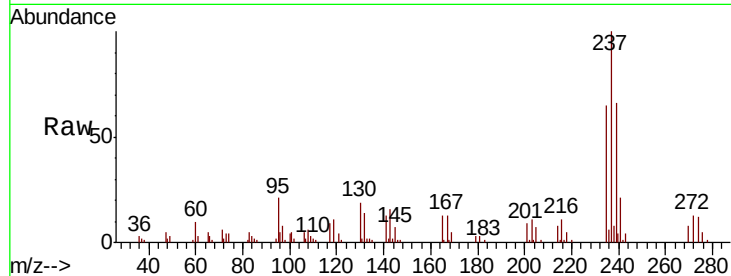




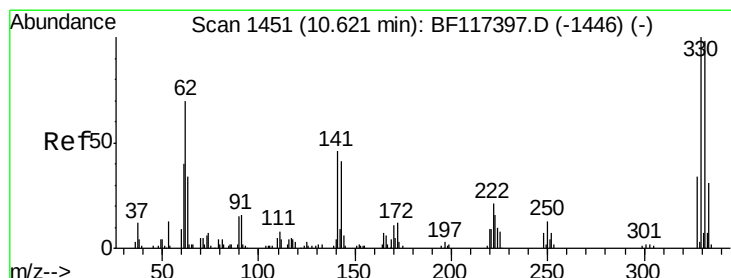
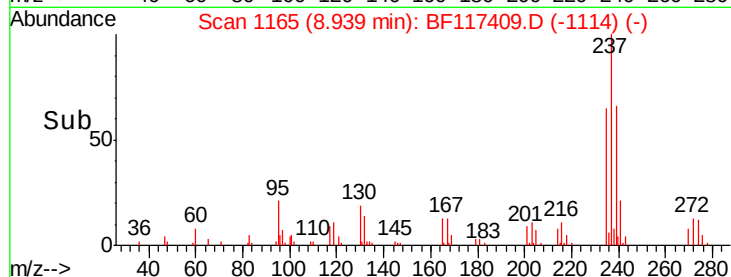
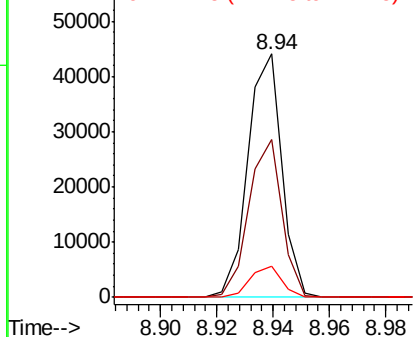
#41
Hexachlorocyclopentadiene
Concen: 70.636 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 36719
Ion Ratio Lower Upper
237 100
235 65.0 47.8 87.8
272 13.0 0.0 35.0

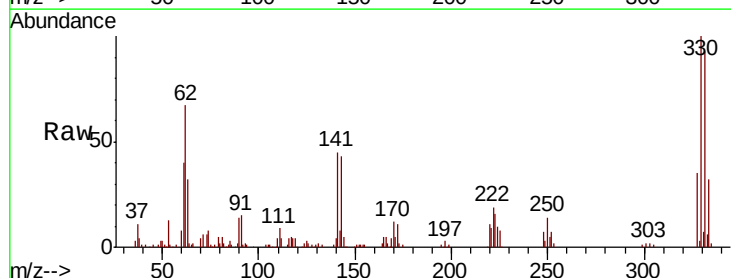


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

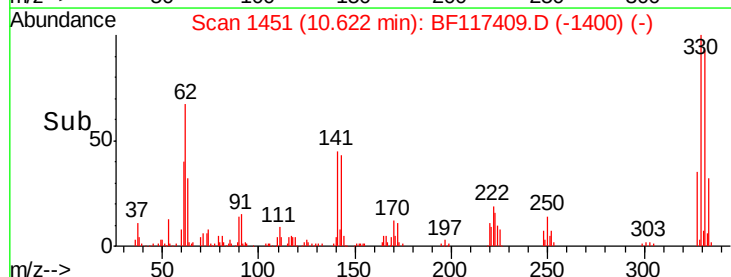
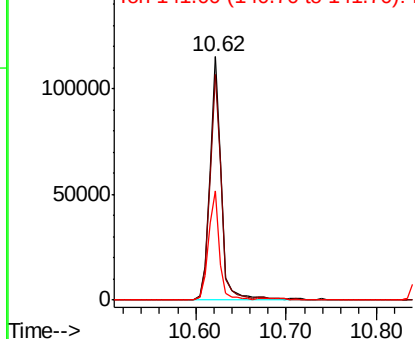


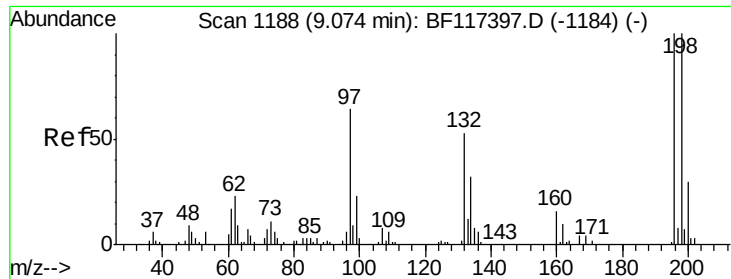
#42
2,4,6-Tribromophenol
Concen: 122.807 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:330 Resp: 103383
Ion Ratio Lower Upper
330 100
332 93.9 75.0 112.6
141 43.2 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

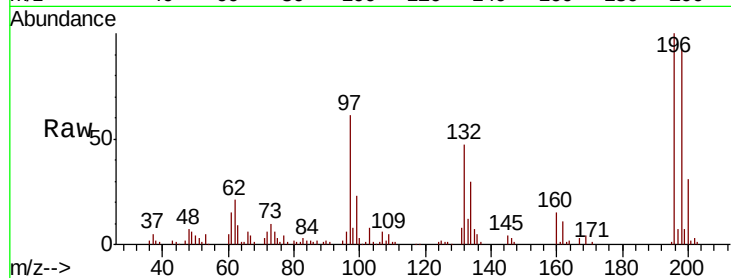




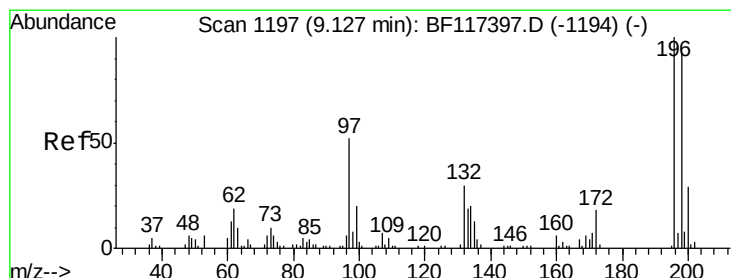
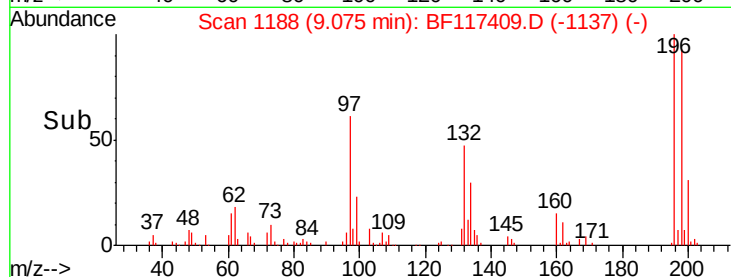
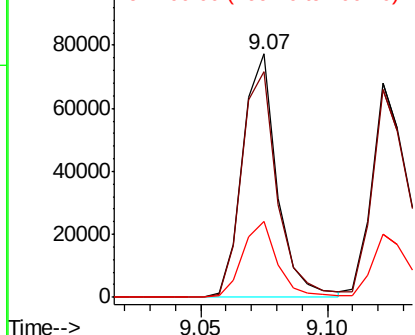
#43
 2,4,6-Trichlorophenol
 Concen: 41.705 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 73474
 Ion Ratio Lower Upper
 196 100
 198 93.0 79.8 119.6
 200 31.0 23.7 35.5

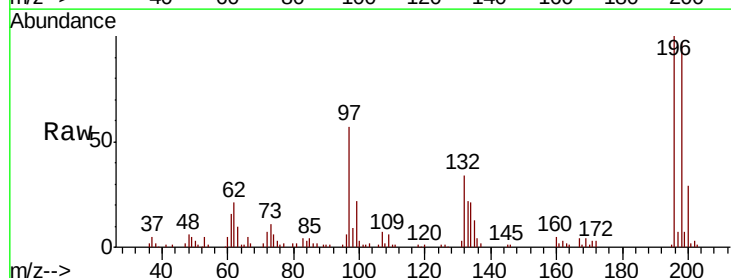


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

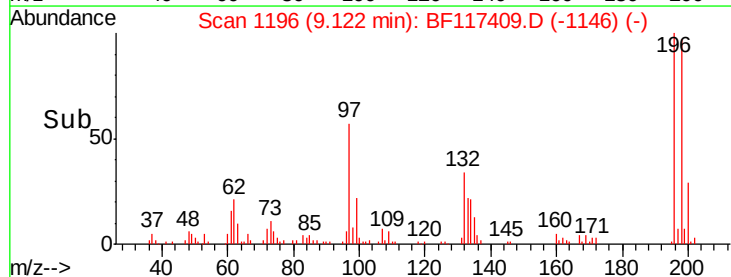
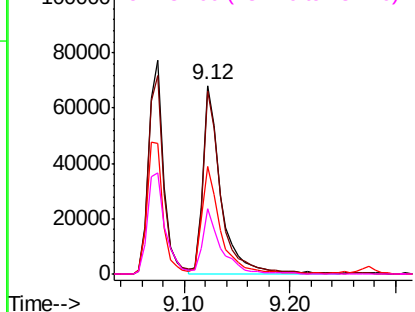


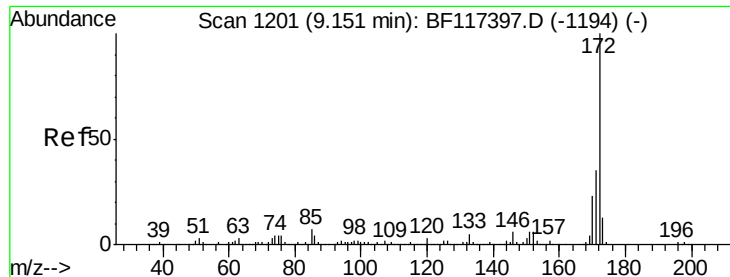
#44
 2,4,5-Trichlorophenol
 Concen: 45.361 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:196 Resp: 81514
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.9 112.3
 97 56.8 42.5 63.7
 132 34.4 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

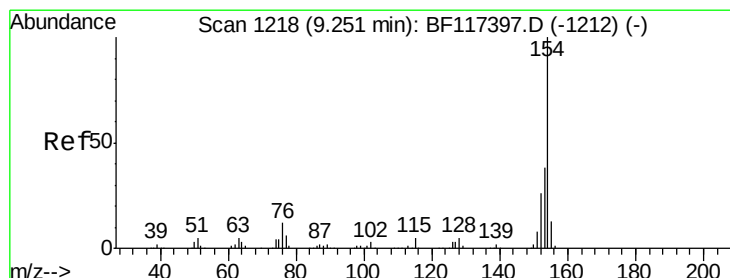
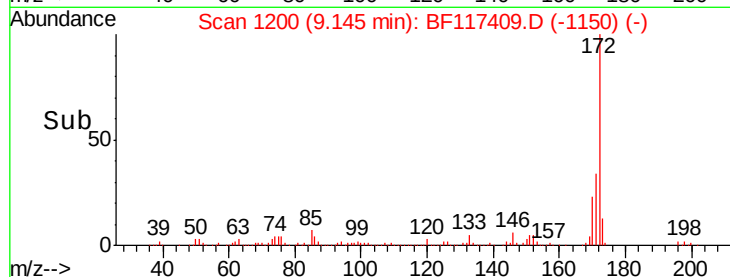
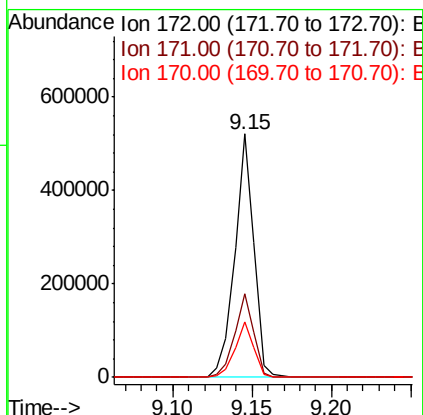
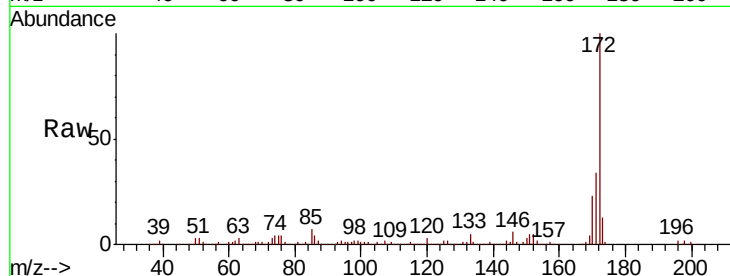




#45
2-Fluorobiphenyl
Concen: 61.216 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

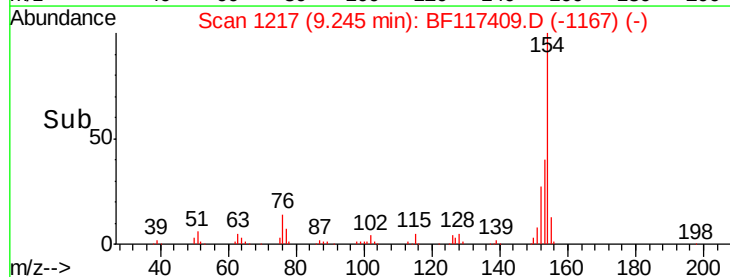
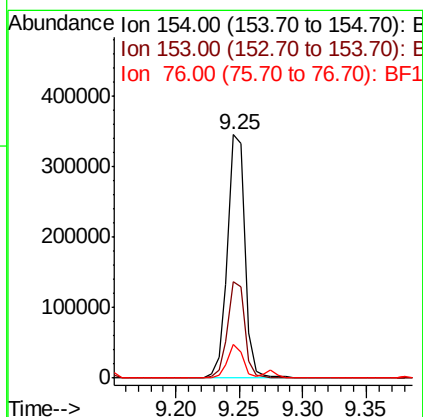
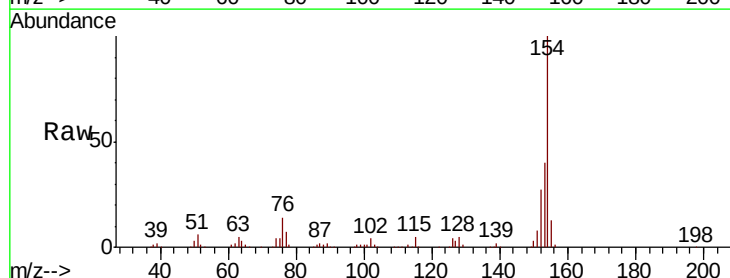
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

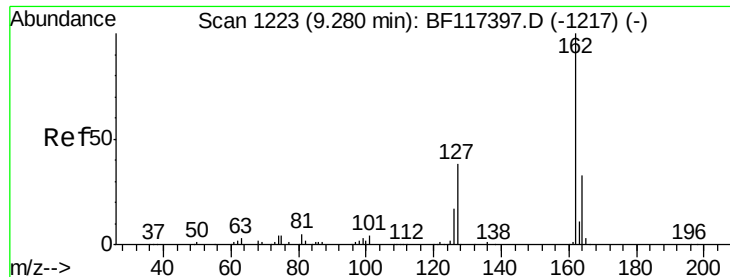
Tot Ion:172 Resp: 434324
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.6 18.2 27.2



#46
1,1'-Biphenyl
Concen: 39.060 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:154 Resp: 330063
Ion Ratio Lower Upper
154 100
153 39.8 18.3 58.3
76 13.7 0.0 32.3





#47

2-Chloronaphthalene

Concen: 38.597 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

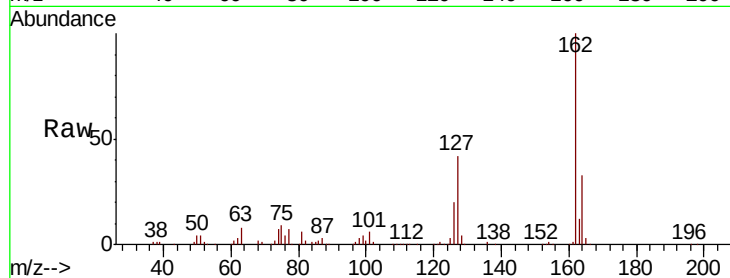
Tot Ion: 162 Resp: 254244

Ion Ratio Lower Upper

162 100

127 42.0 32.6 48.8

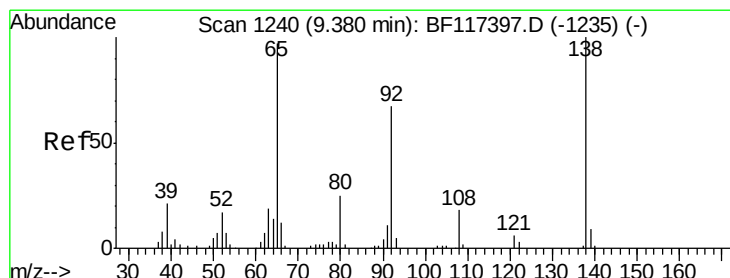
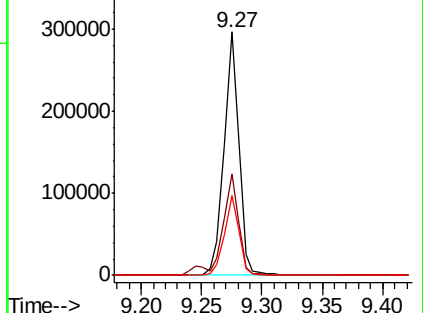
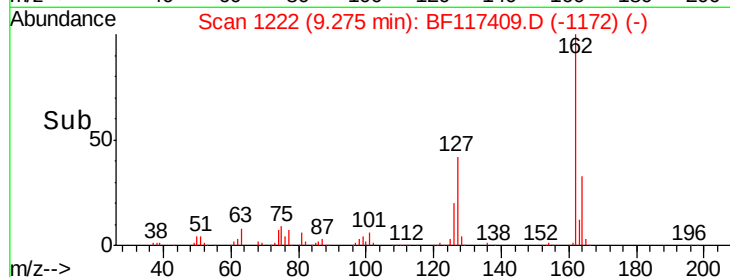
164 32.6 26.2 39.4



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: 39.931 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

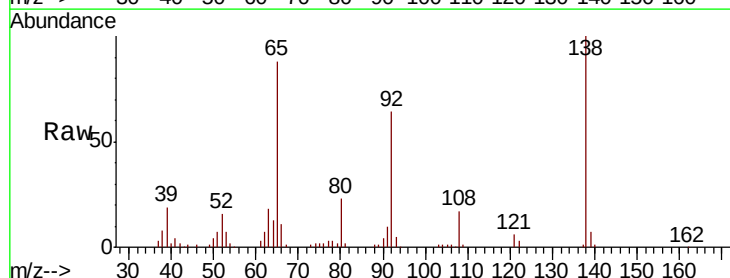
Tgt Ion: 65 Resp: 83924

Ion Ratio Lower Upper

65 100

92 71.8 55.4 83.0

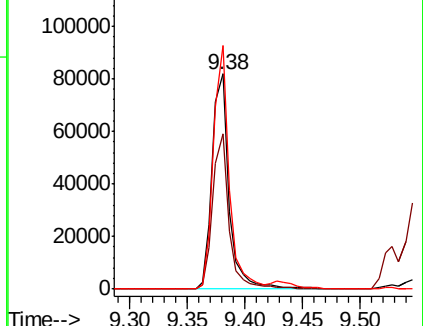
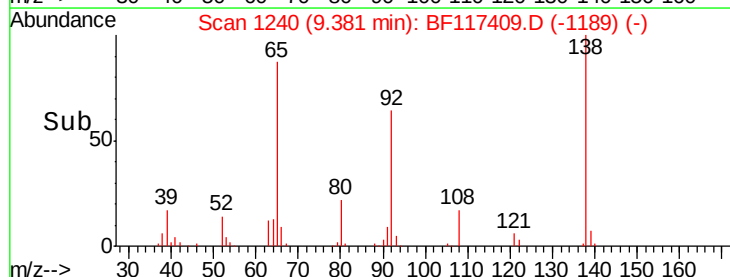
138 113.1 82.6 124.0

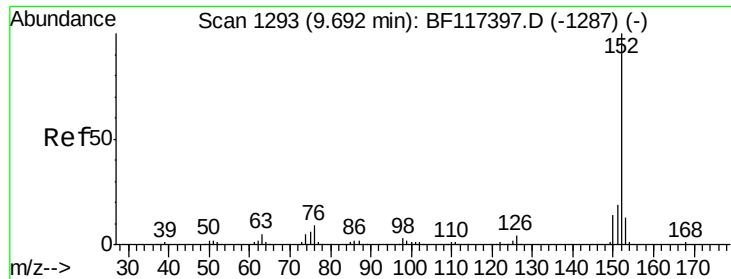


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.982 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

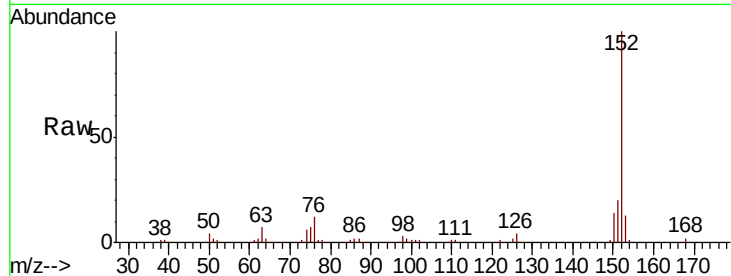
Tot Ion:152 Resp: 395749

Ion Ratio Lower Upper

152 100

151 20.0 15.5 23.3

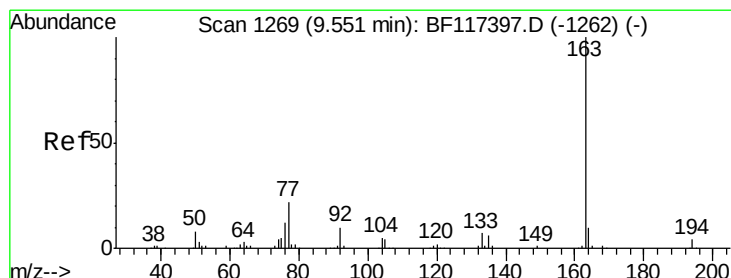
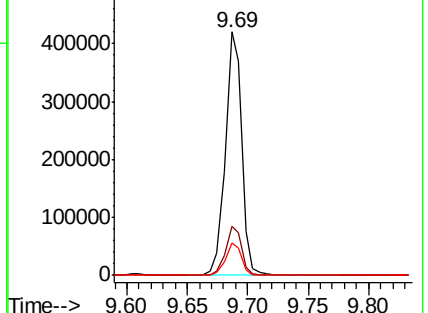
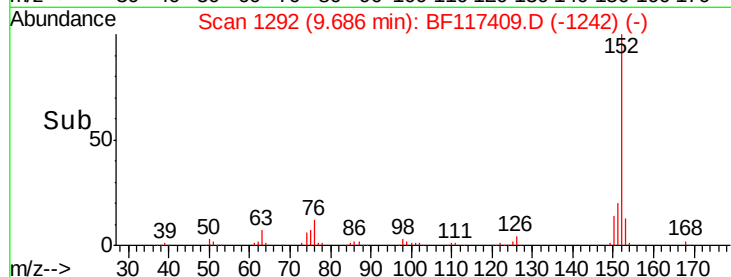
153 13.1 10.6 16.0



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: 40.616 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

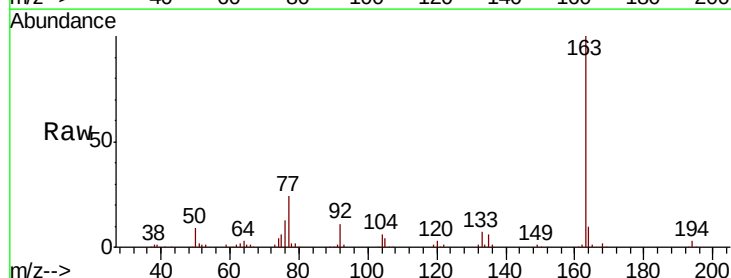
Tgt Ion:163 Resp: 301715

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

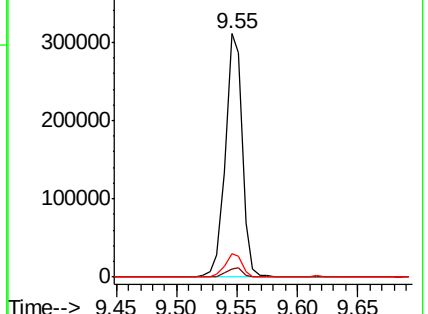
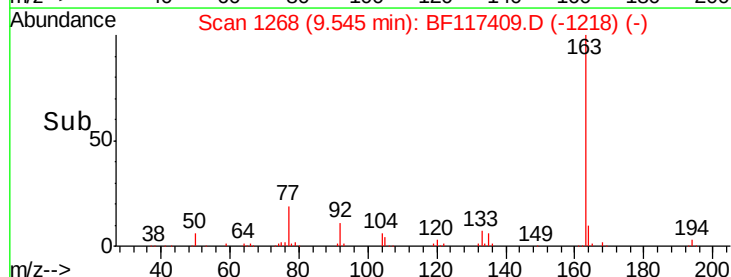
164 9.9 8.0 12.0

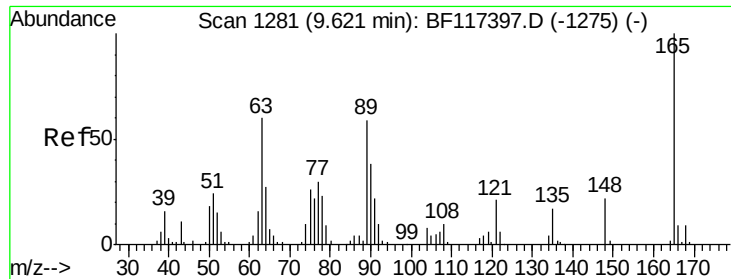


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

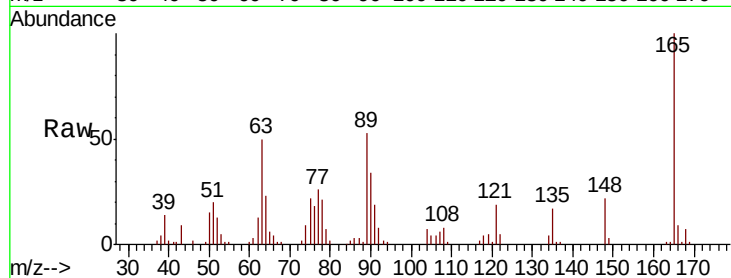




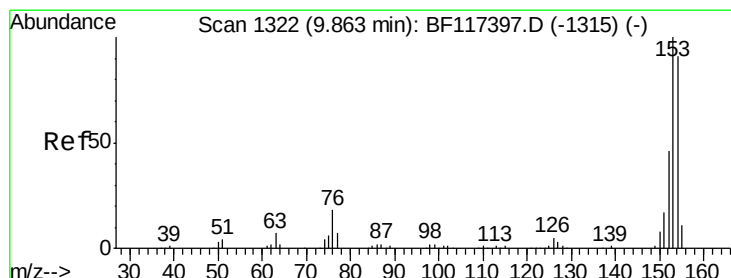
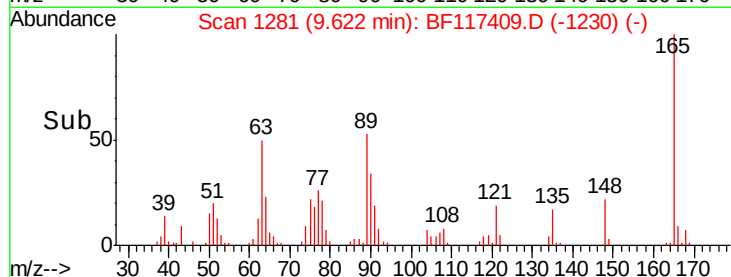
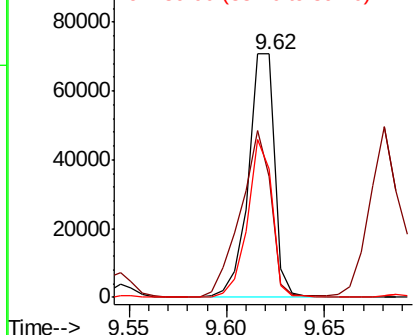
#51
 2,6-Dinitrotoluene
 Concen: 42.268 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 65998
 Ion Ratio Lower Upper
 165 100
 63 49.6 47.8 71.6
 89 52.9 47.4 71.0

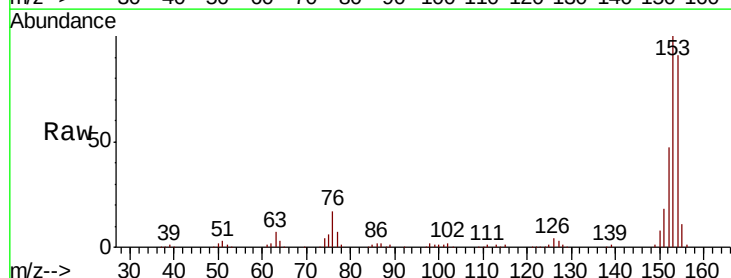


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

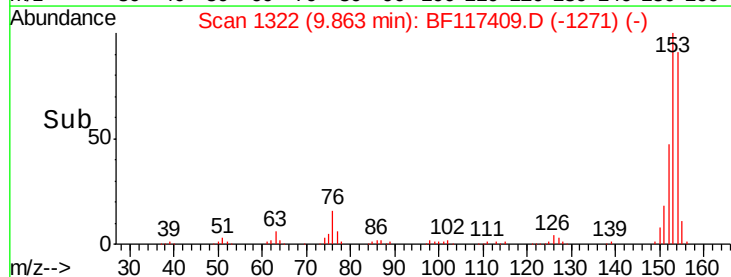
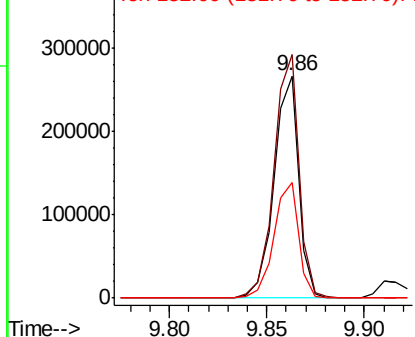


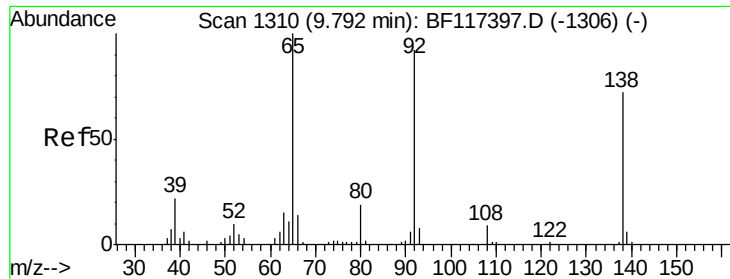
#52
 Acenaphthene
 Concen: 39.834 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:154 Resp: 233740
 Ion Ratio Lower Upper
 154 100
 153 109.5 87.9 131.9
 152 51.9 40.8 61.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

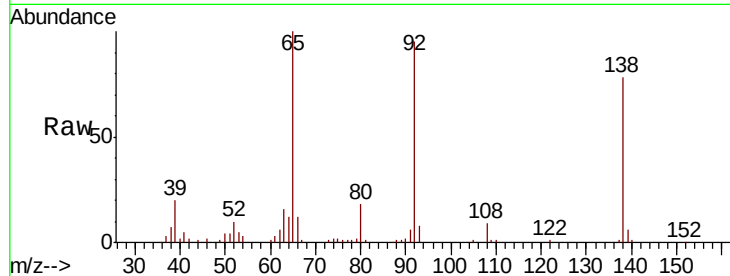




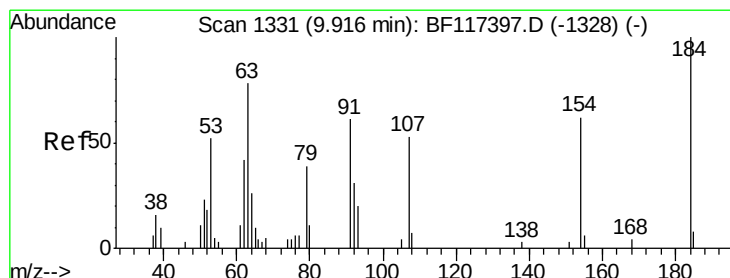
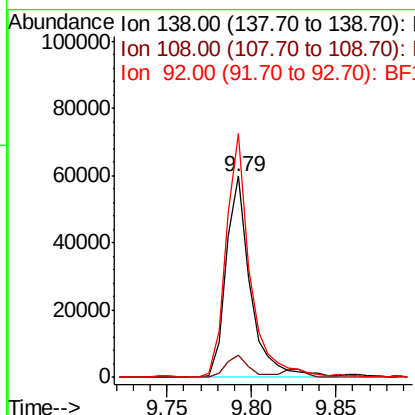
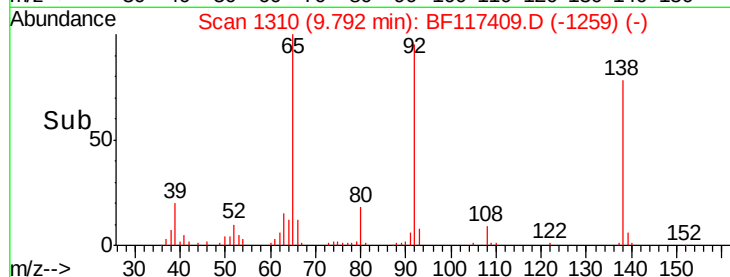
#53
3-Nitroaniline
Concen: 31.452 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 59970
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 121.1 102.2 153.4

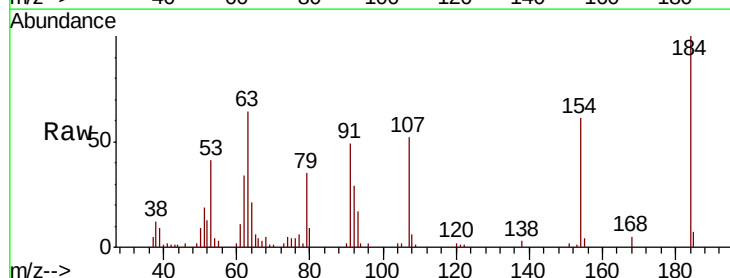


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

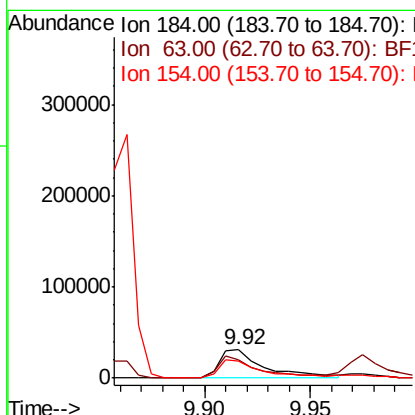
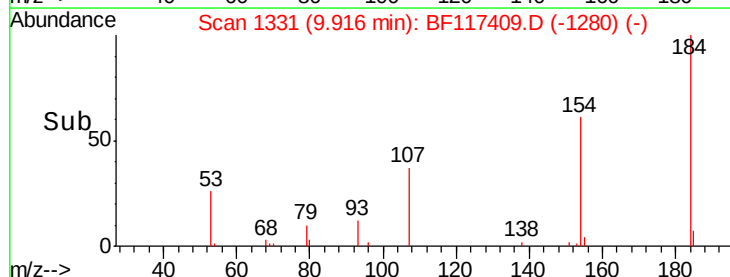


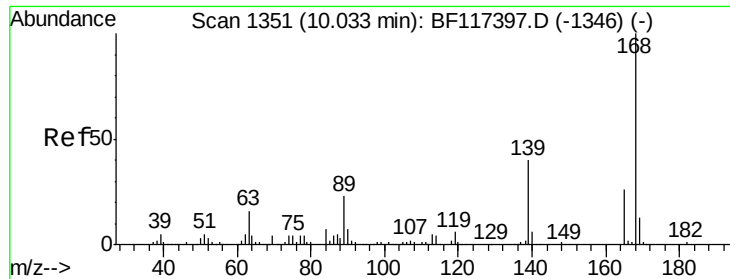
#54
2,4-Dinitrophenol
Concen: 68.770 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:184 Resp: 45518
Ion Ratio Lower Upper
184 100
63 64.0 62.4 93.6
154 61.3 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

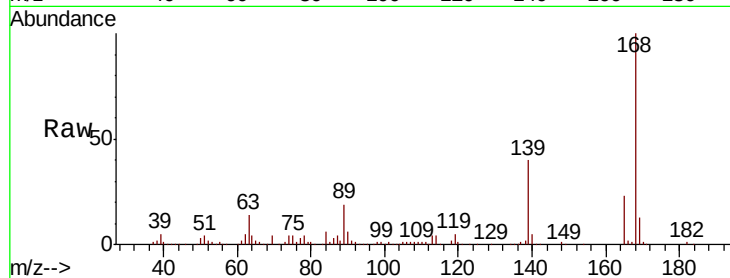




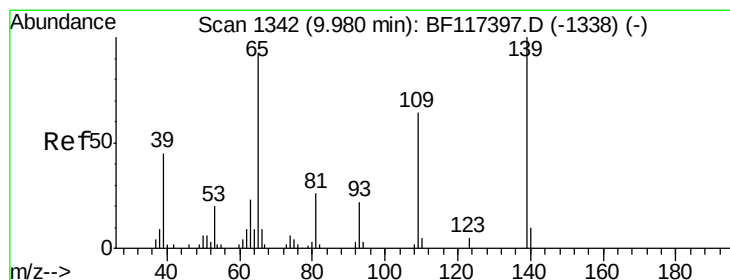
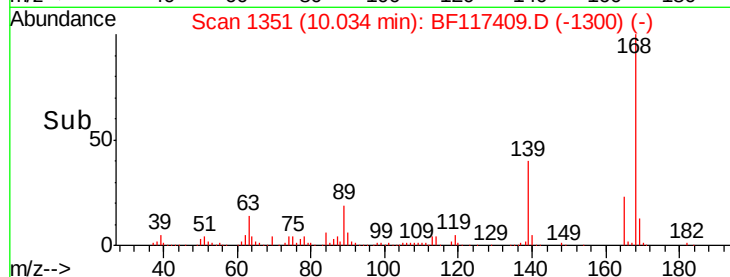
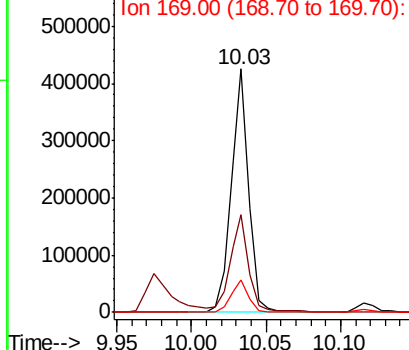
#55
Dibenzofuran
Concen: 41.155 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 352274
Ion Ratio Lower Upper
168 100
139 39.9 33.3 49.9
169 13.3 10.7 16.1

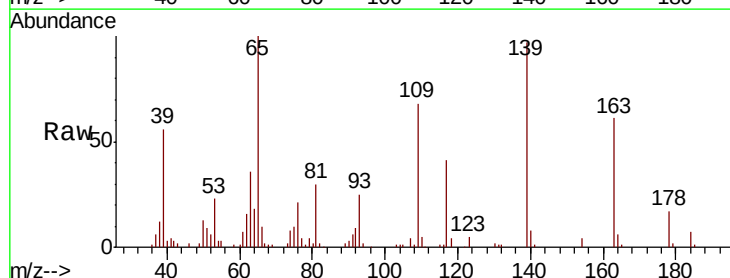


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

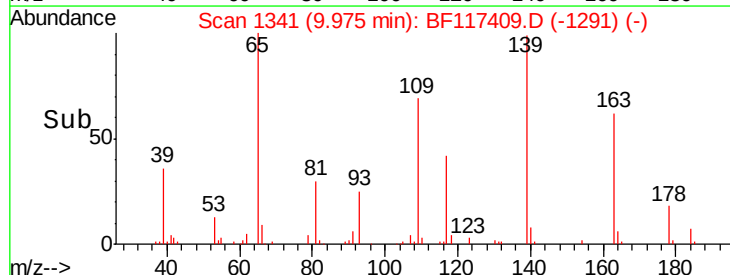
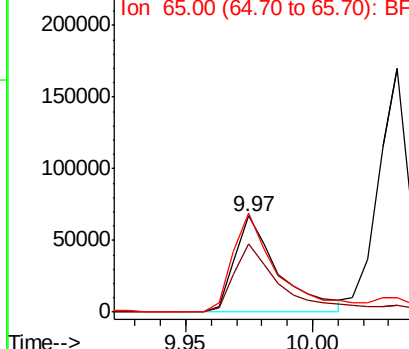


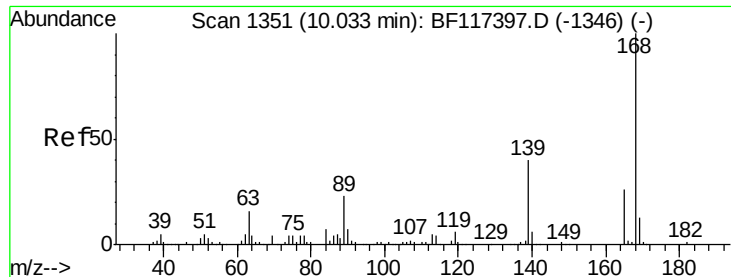
#56
4-Nitrophenol
Concen: 93.008 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:139 Resp: 80759
Ion Ratio Lower Upper
139 100
109 70.4 43.8 83.8
65 103.6 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

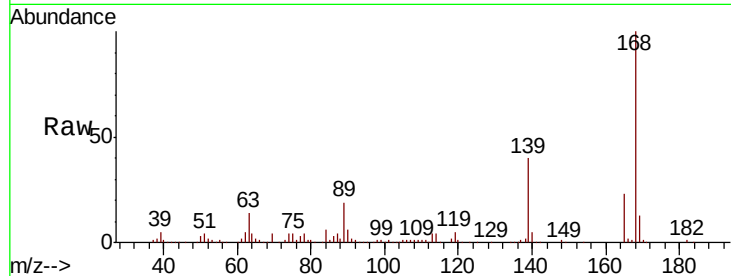




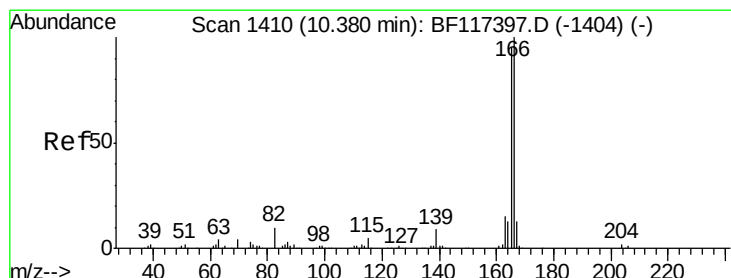
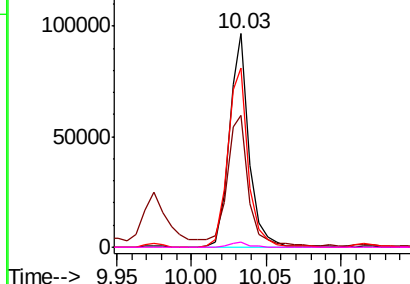
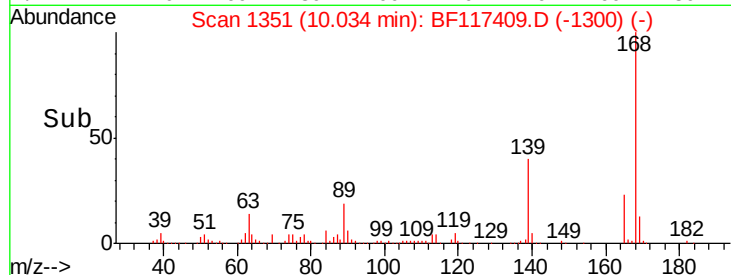
#57
2,4-Dinitrotoluene
Concen: 43.594 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.5	51.0	76.4
89	84.2	70.7	106.1
182	2.4	2.1	3.1

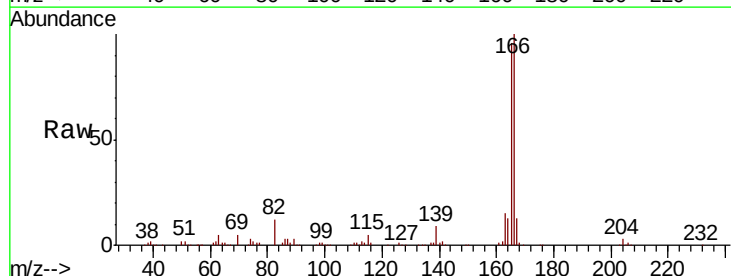


Abundance Ion 165.00 (164.70 to 165.70): E
150000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

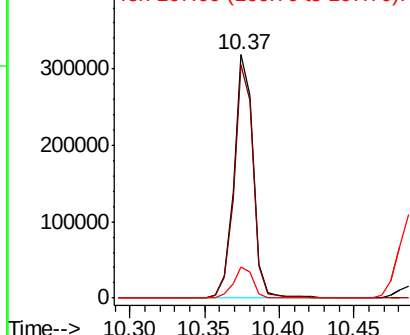
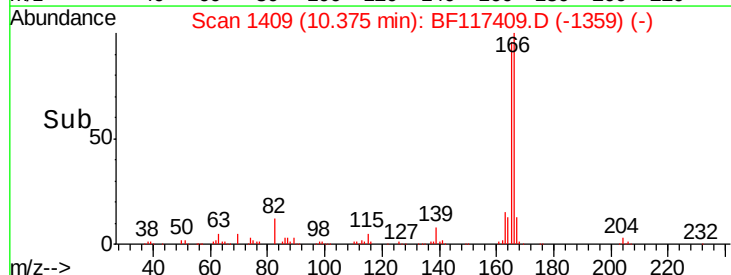


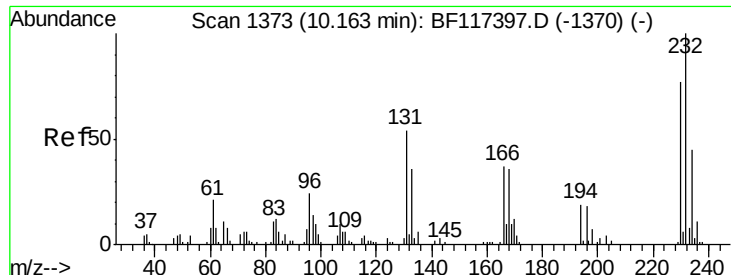
#58
Fluorene
Concen: 40.555 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	75.7	113.5
167	12.9	10.4	15.6



Abundance Ion 166.00 (165.70 to 166.70): E
400000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

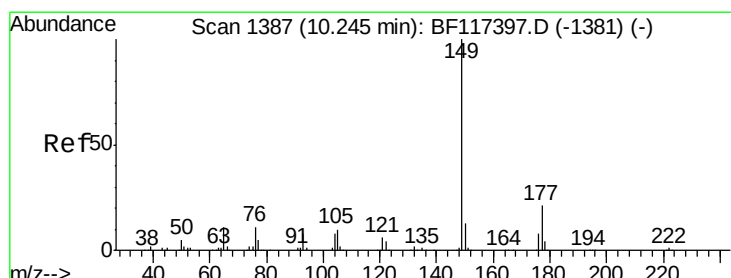
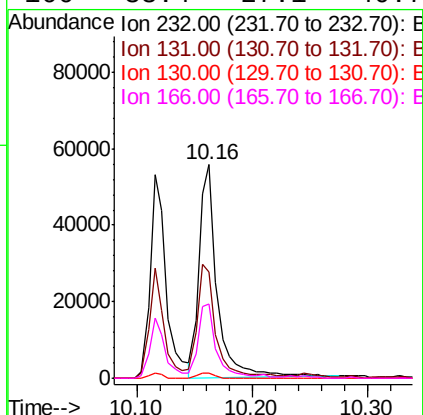
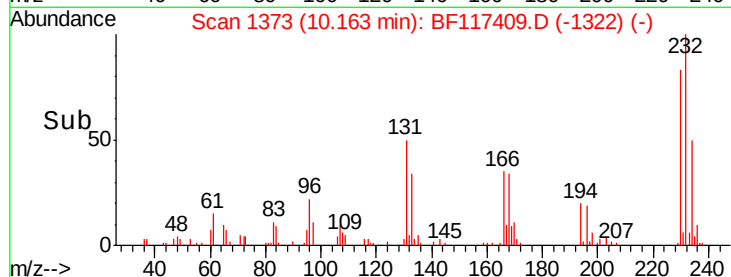
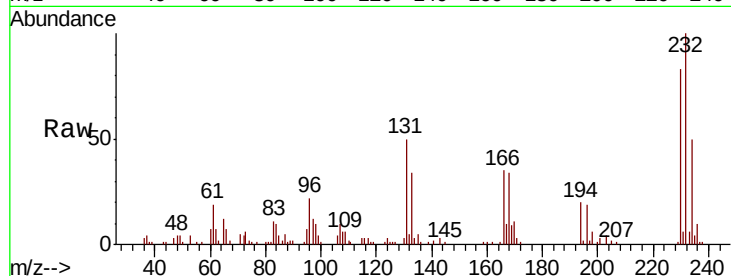




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.351 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

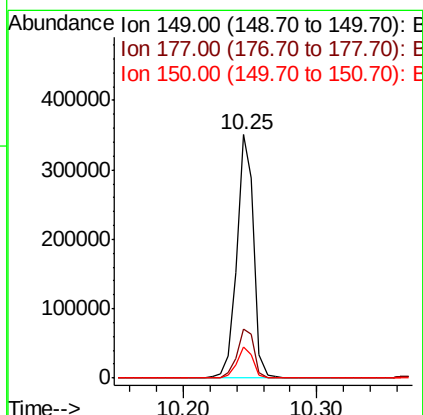
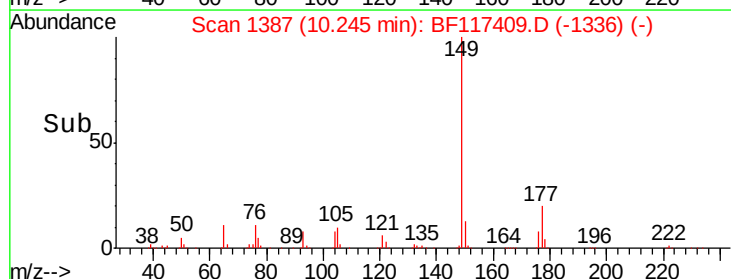
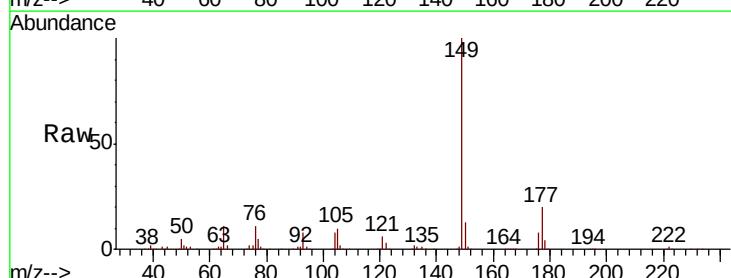
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

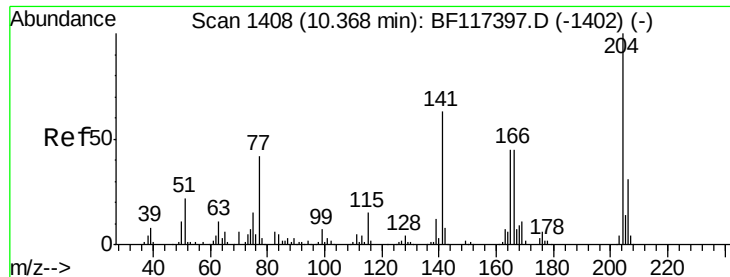
Tot Ion:232 Resp: 61613
Ion Ratio Lower Upper
232 100
131 56.1 44.5 66.7
130 2.4 2.0 3.0
166 33.4 27.1 40.7



#60
Diethylphthalate
Concen: 41.349 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:149 Resp: 309619
Ion Ratio Lower Upper
149 100
177 20.2 16.5 24.7
150 12.7 10.1 15.1

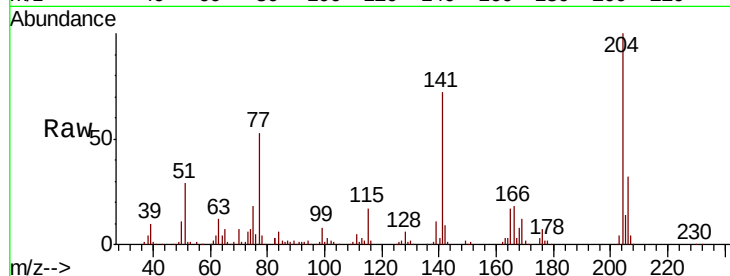




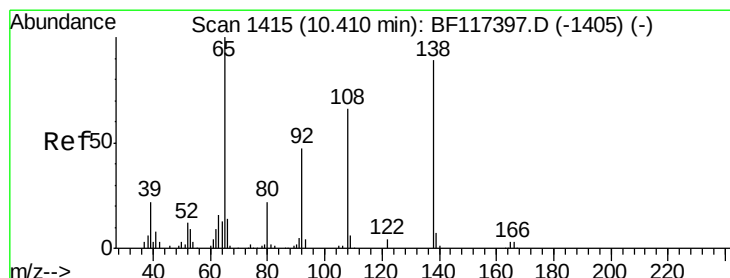
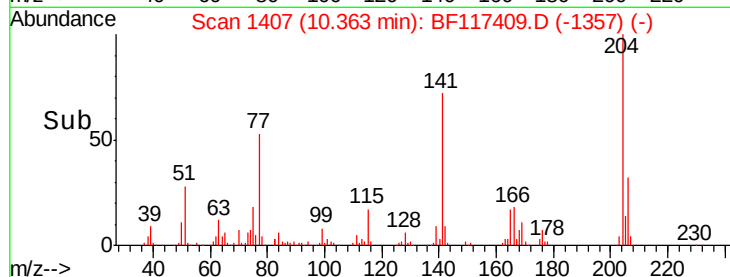
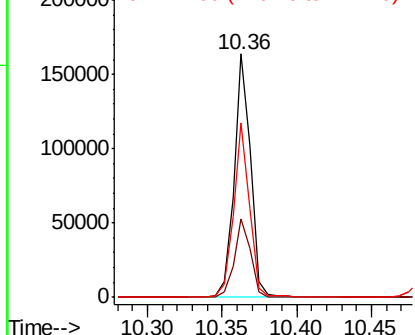
#61
4-Chlorophenyl-phenylether
Concen: 40.511 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 127830
Ion Ratio Lower Upper
204 100
206 32.0 25.0 37.4
141 71.7 50.7 76.1

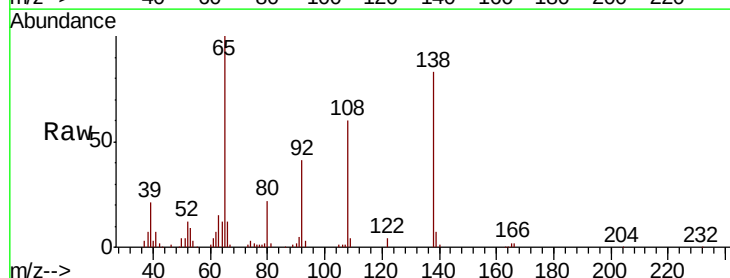


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

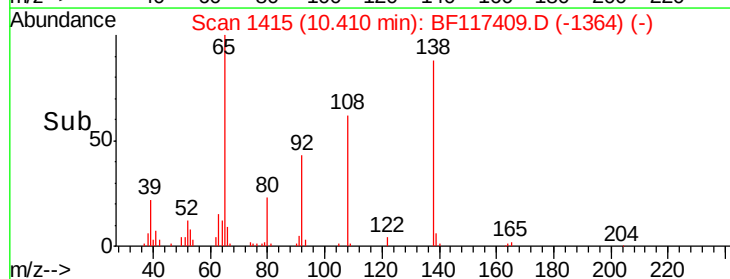
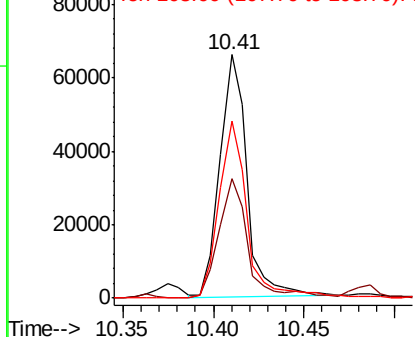


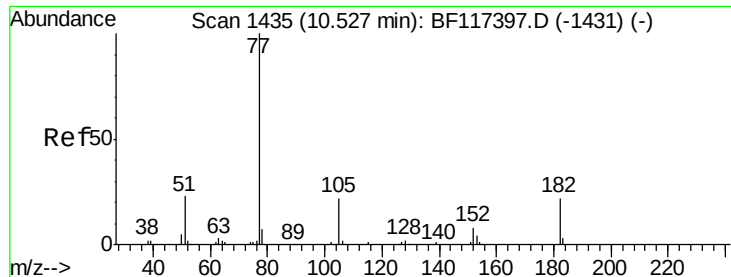
#62
4-Nitroaniline
Concen: 37.935 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:138 Resp: 68756
Ion Ratio Lower Upper
138 100
92 49.0 32.4 72.4
108 72.6 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

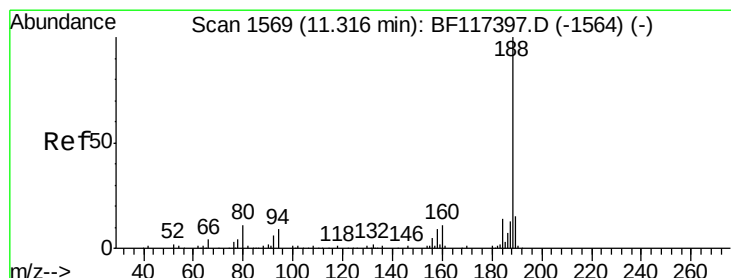
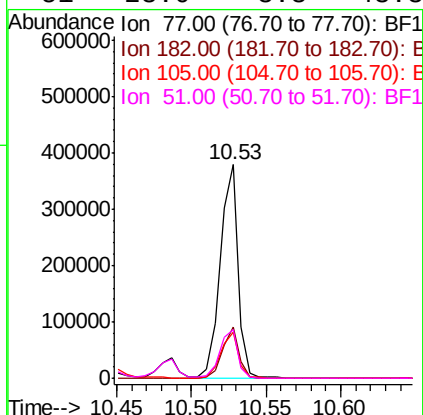
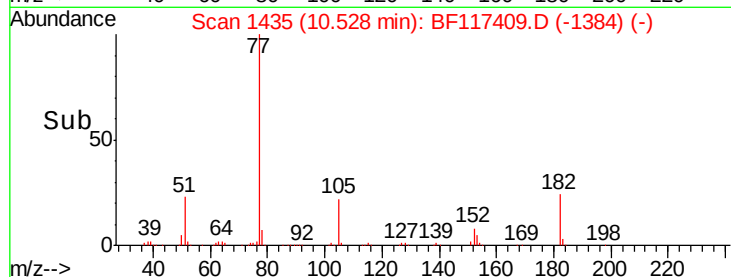
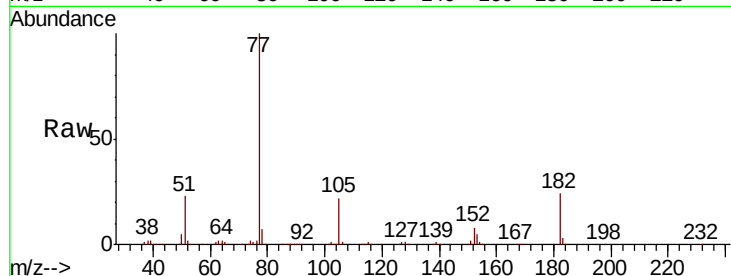




#63
Azobenzene
Concen: 41.347 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

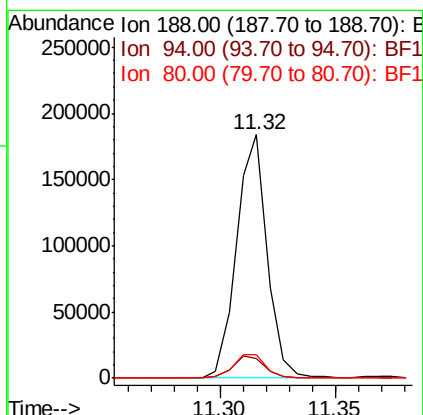
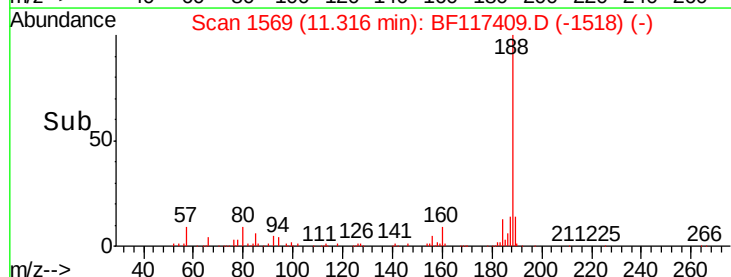
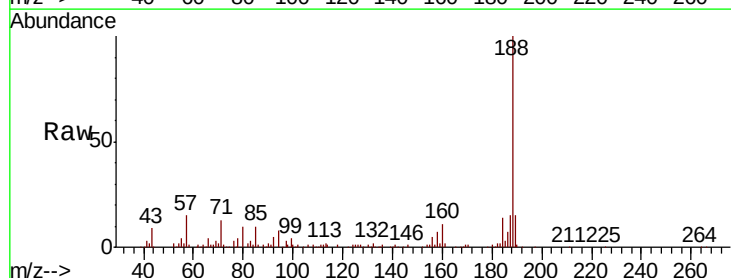
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

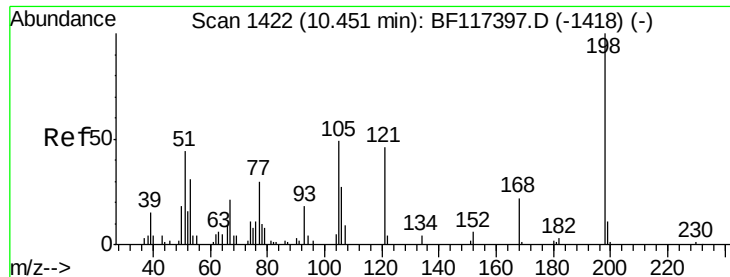
Tot Ion:	77	Resp:	317682
Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.5	41.5
105	21.7	1.8	41.8
51	23.0	3.3	43.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:	188	Resp:	169510
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.5	11.3
80	9.5	8.7	13.1

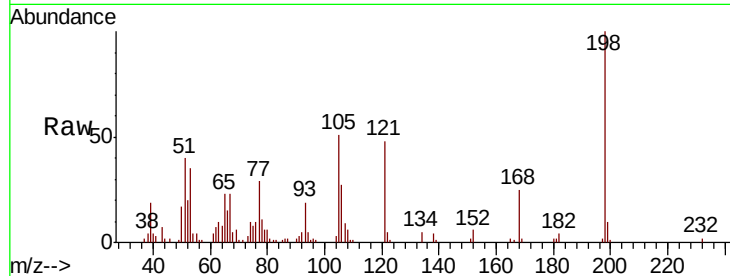




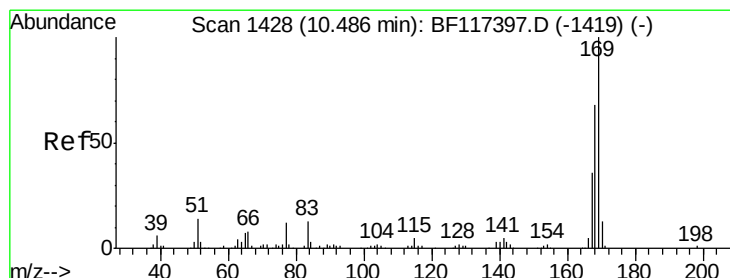
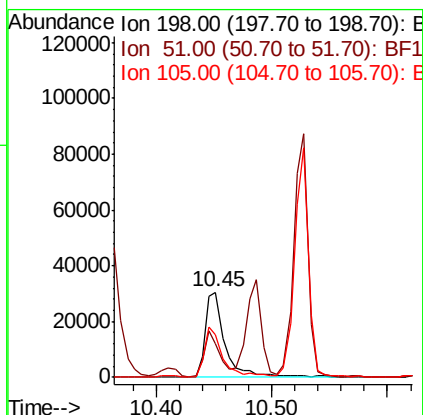
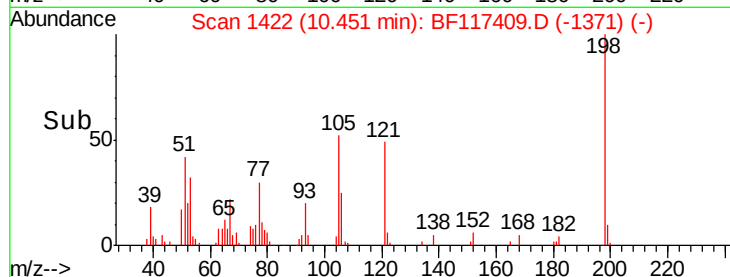
#65
4,6-Dinitro-2-methylphenol
Concen: 41.075 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 36417
Ion Ratio Lower Upper
198 100
51 40.3 25.9 65.9
105 50.8 29.4 69.4

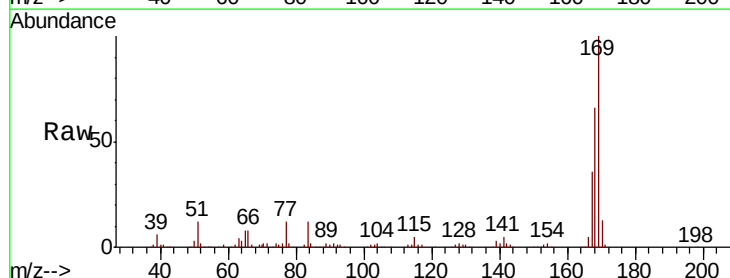


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

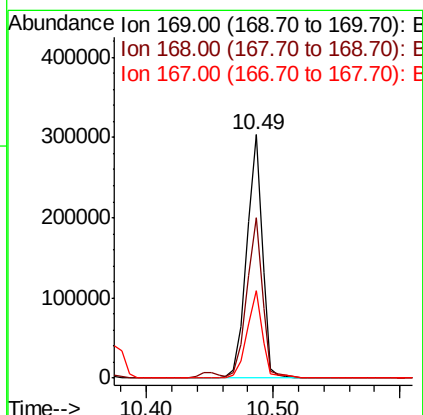
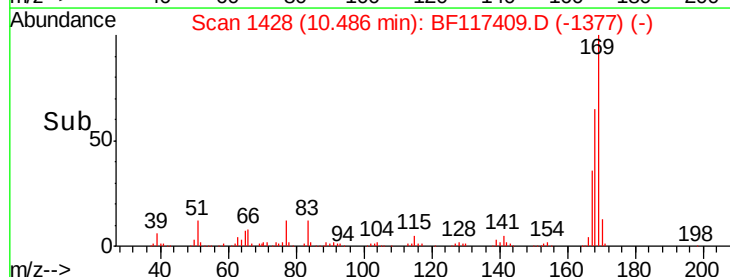


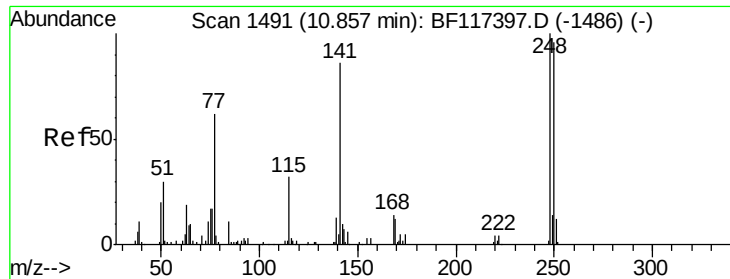
#66
n-Nitrosodiphenylamine
Concen: 40.734 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:169 Resp: 257946
Ion Ratio Lower Upper
169 100
168 65.8 54.1 81.1
167 35.9 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

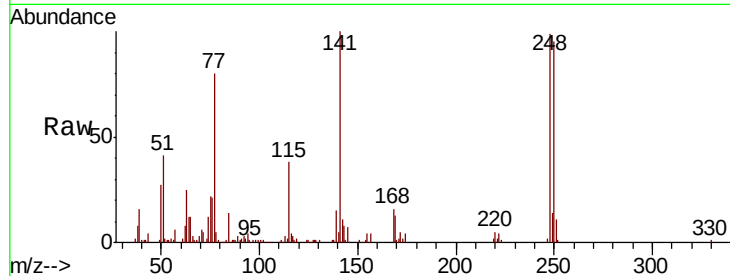




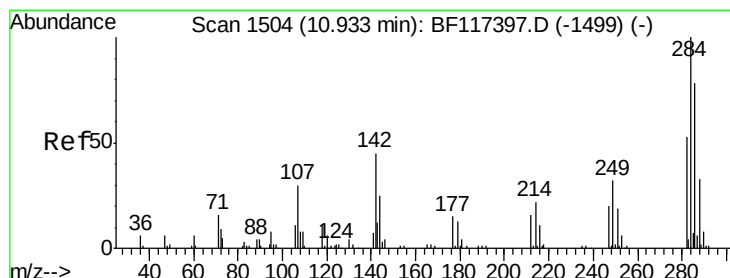
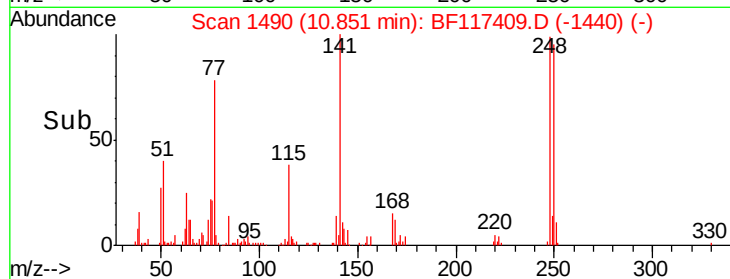
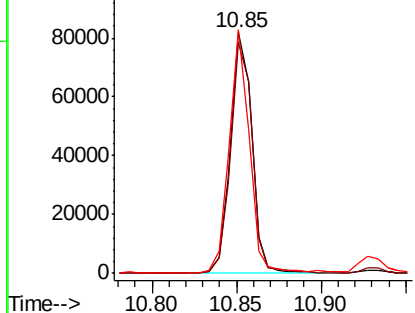
#67
4-Bromophenyl-phenylether
Concen: 38.533 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 71643
Ion Ratio Lower Upper
248 100
250 95.7 77.1 115.7
141 101.2 69.1 103.7

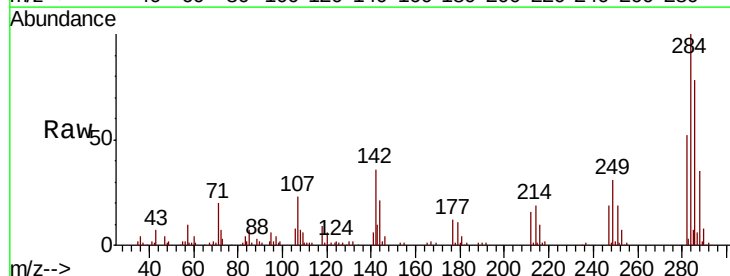


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

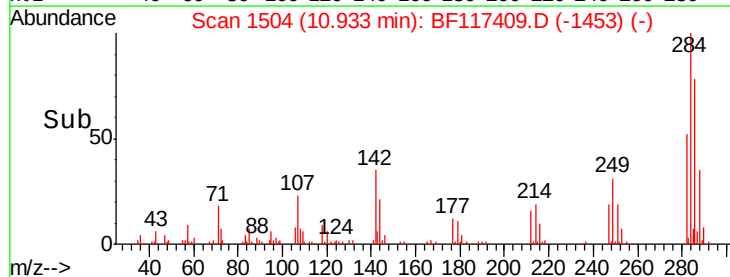
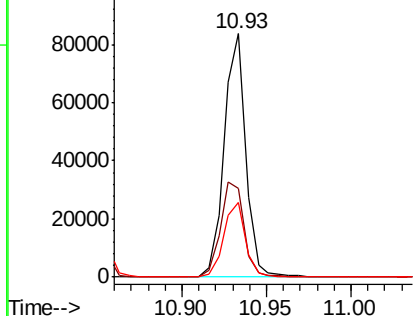


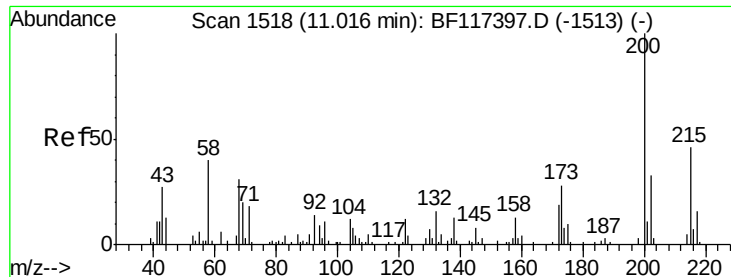
#68
Hexachlorobenzene
Concen: 37.247 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:284 Resp: 74371
Ion Ratio Lower Upper
284 100
142 36.2 35.7 53.5
249 30.7 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: 73.102 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

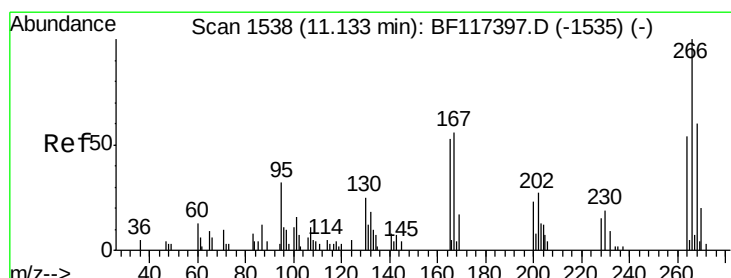
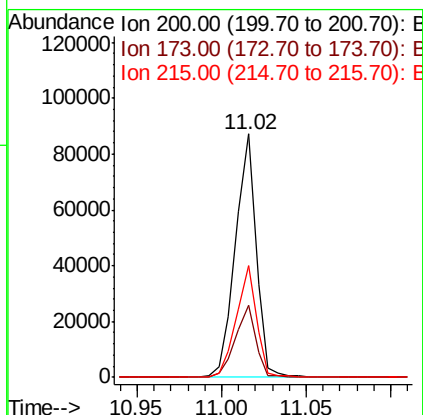
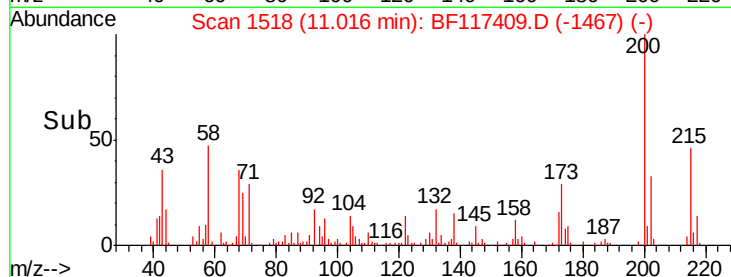
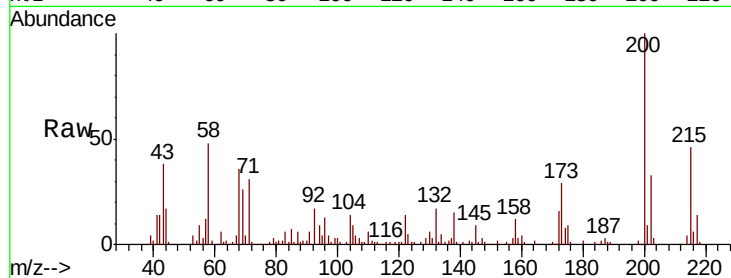
Tot Ion:200 Resp: 75063

Ion Ratio Lower Upper

200 100

173 29.5 8.0 48.0

215 45.9 25.8 65.8



#70

Pentachlorophenol

Concen: 99.287 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

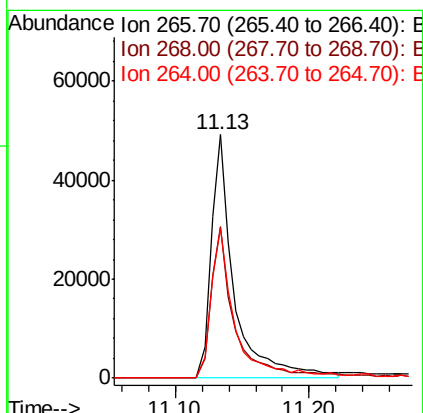
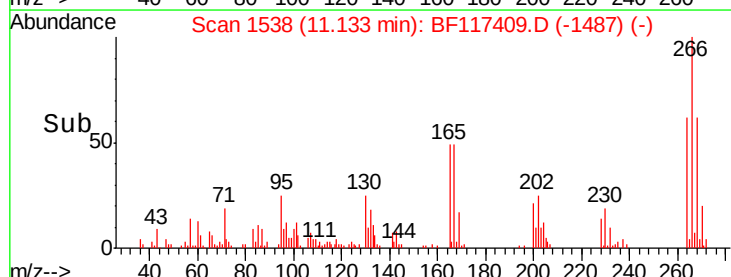
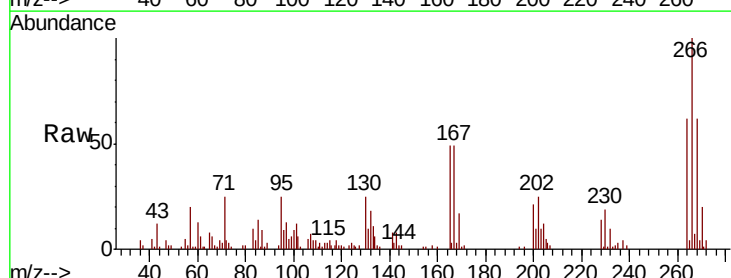
Tgt Ion:266 Resp: 59309

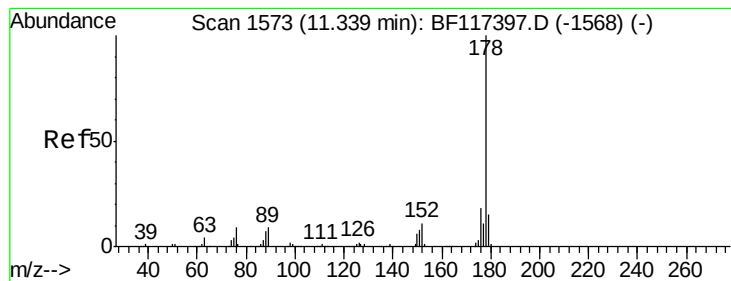
Ion Ratio Lower Upper

266 100

268 62.0 47.8 71.6

264 61.9 42.9 64.3





#71

Phenanthrene

Concen: 39.910 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

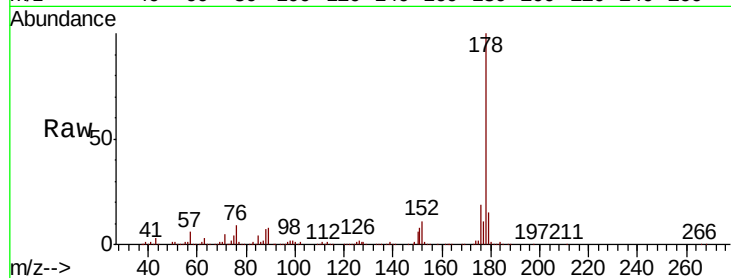
Tot Ion:178 Resp: 399913

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

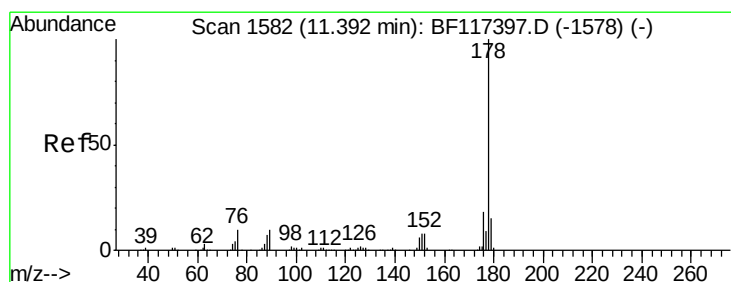
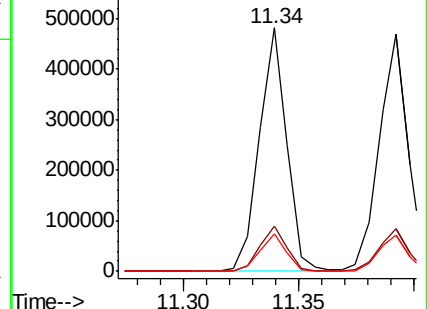
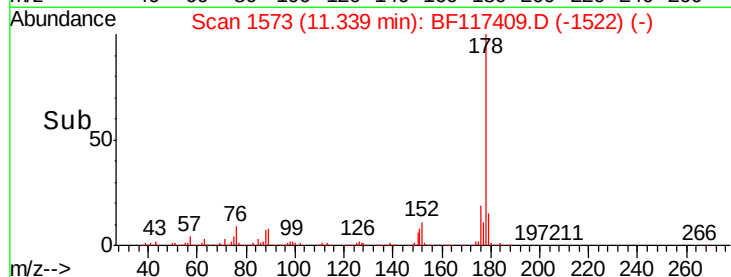
179 15.5 12.3 18.5



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: 40.658 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

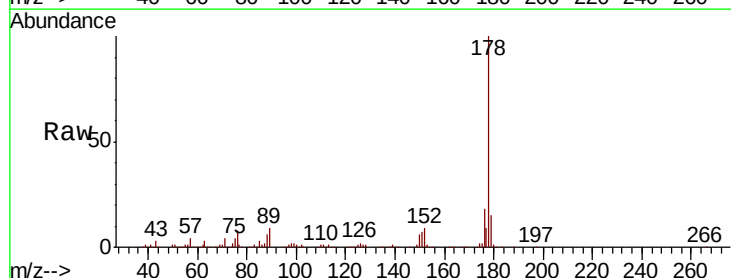
Tgt Ion:178 Resp: 420581

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

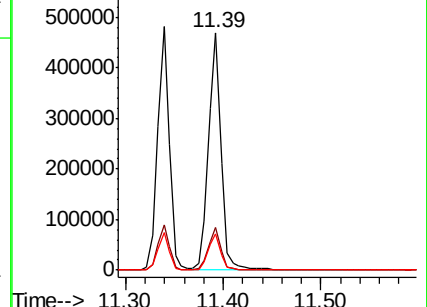
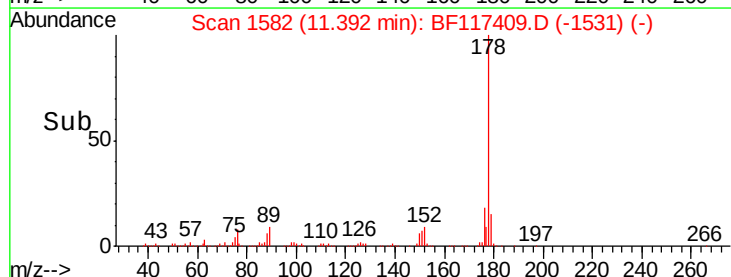
179 15.3 12.1 18.1

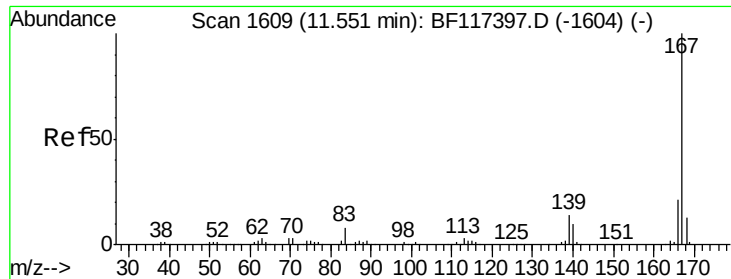


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

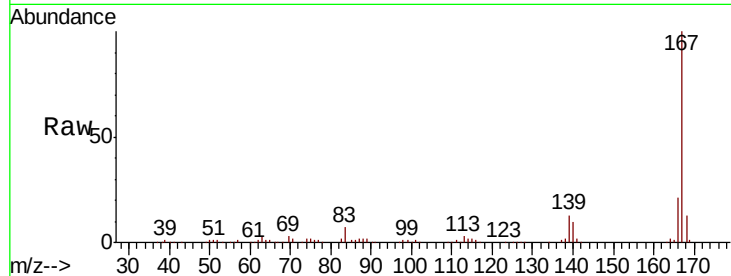




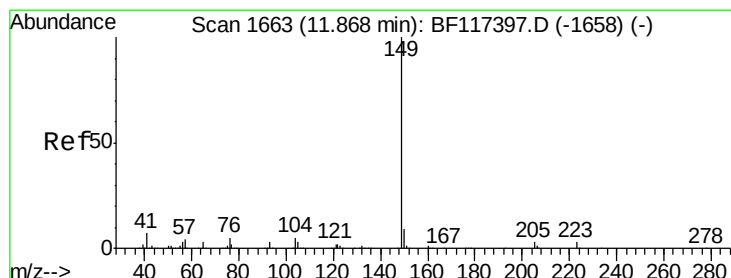
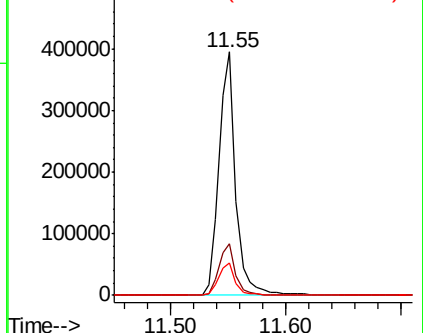
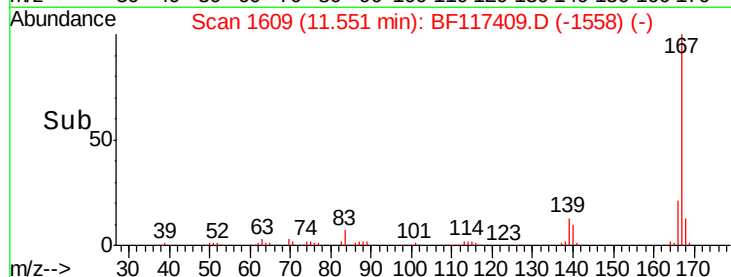
#73
 Carbazole
 Concen: 42.295 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 397416
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 13.1 10.8 16.2

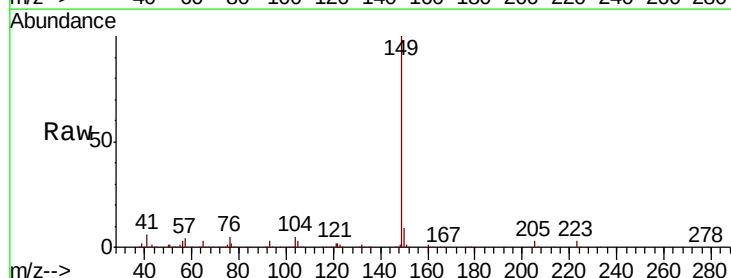


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

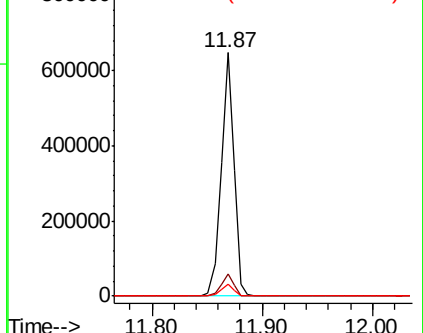
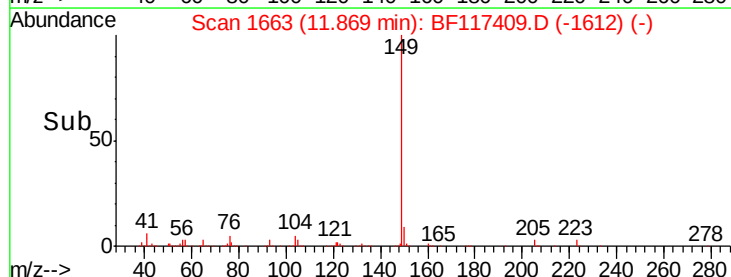


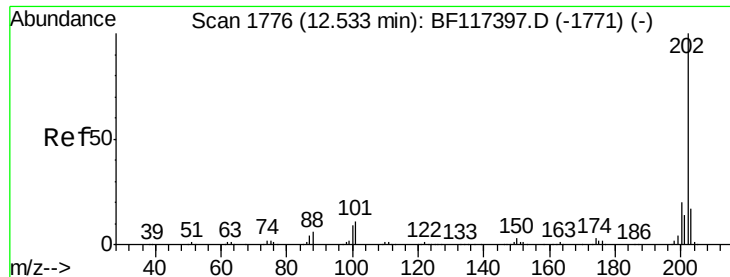
#74
 Di-n-butylphthalate
 Concen: 41.039 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117409.D
 Acq: 16 Oct 2019 13:46

Tgt Ion:149 Resp: 522164
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 5.0 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: 43.732 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

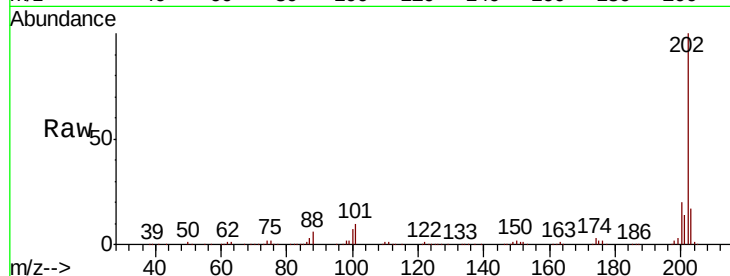
Tot Ion:202 Resp: 435737

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.3

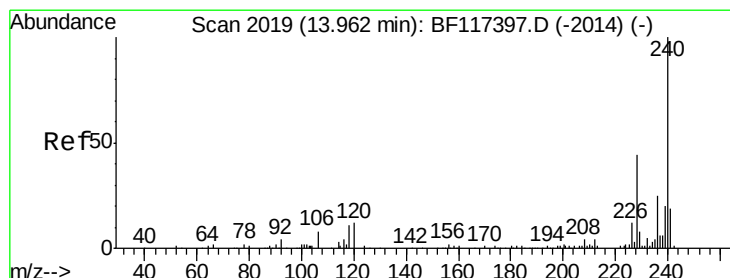
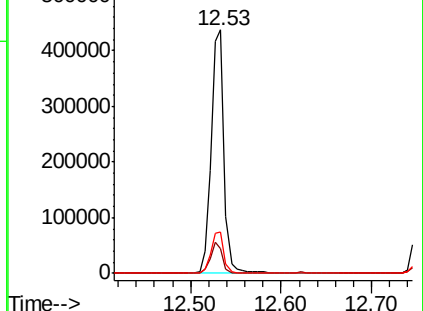
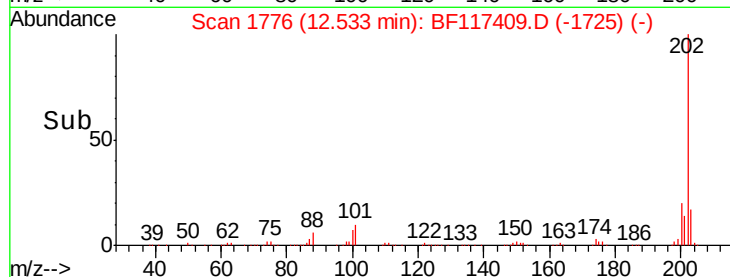
203 17.0 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

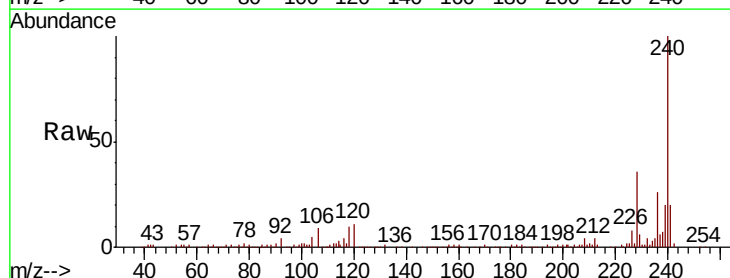
Tgt Ion:240 Resp: 143337

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.0

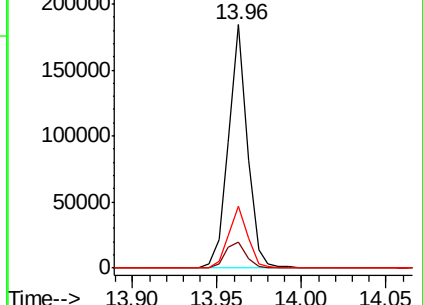
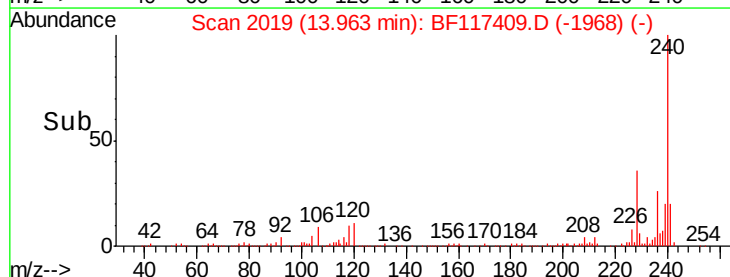
236 25.6 19.8 29.6

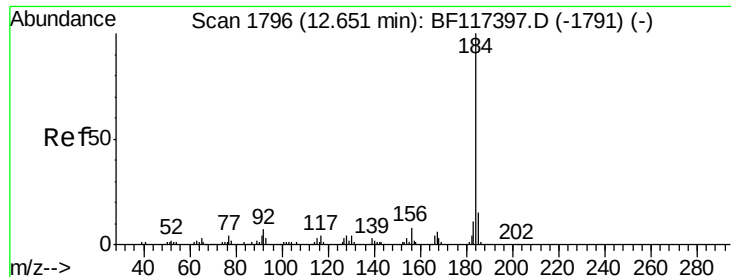


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.711 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

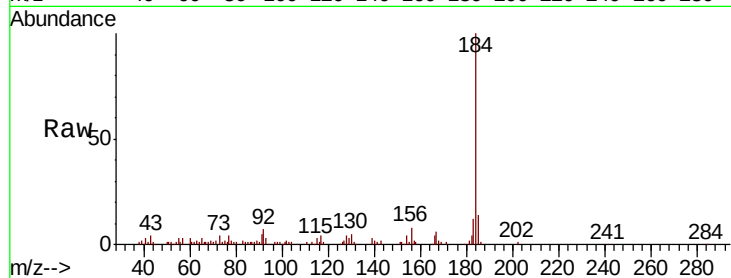
Tot Ion:184 Resp: 91146

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.2

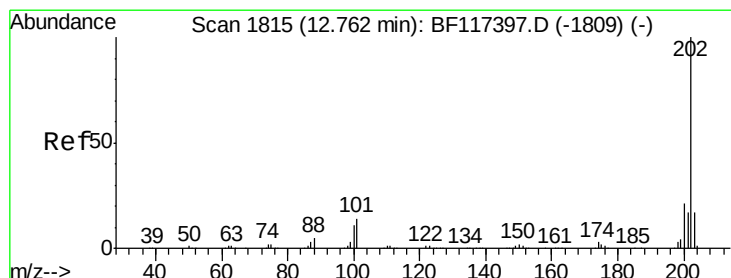
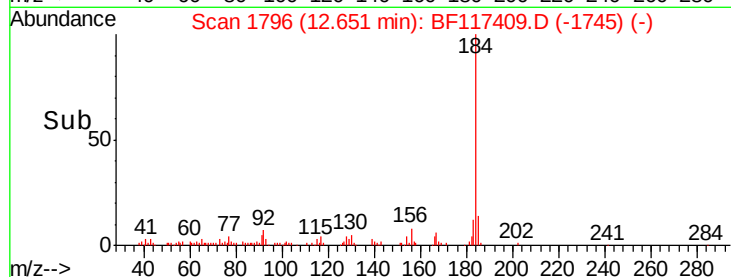
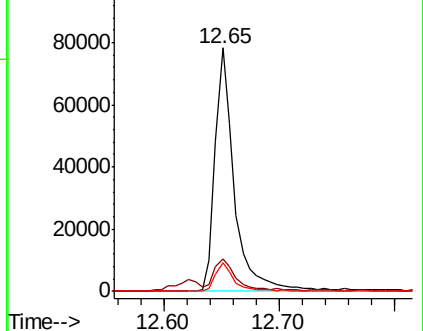
183 11.8 8.9 13.3



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: 35.159 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

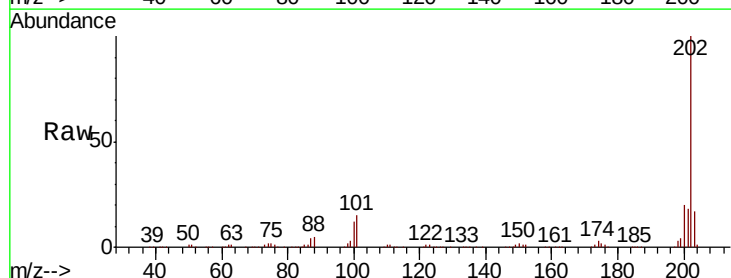
Tgt Ion:202 Resp: 445475

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

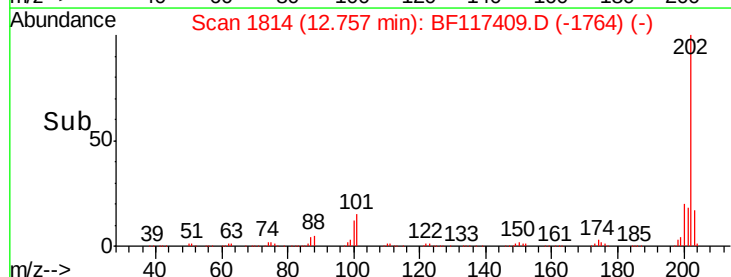
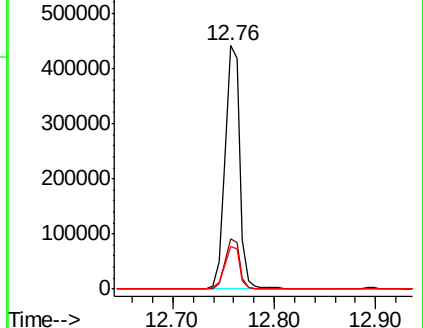
203 17.4 14.0 21.0

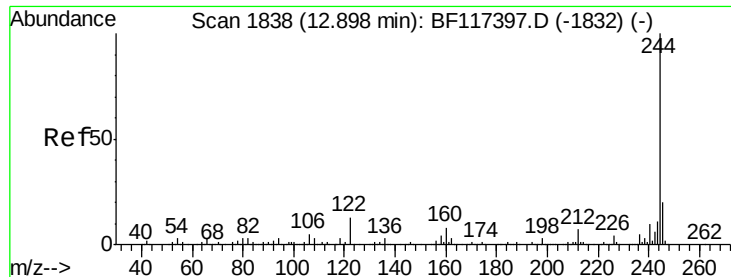


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 54.948 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

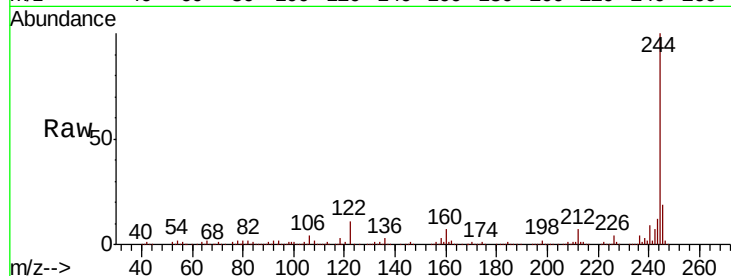
Tot Ion:244 Resp: 483143

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

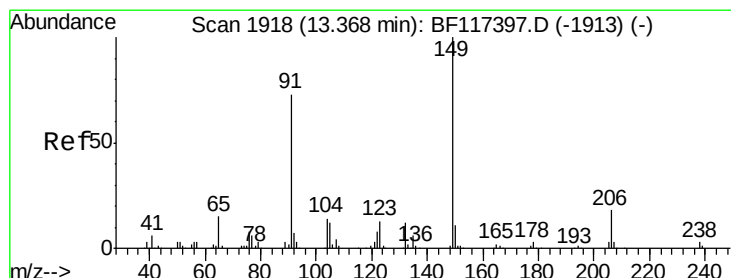
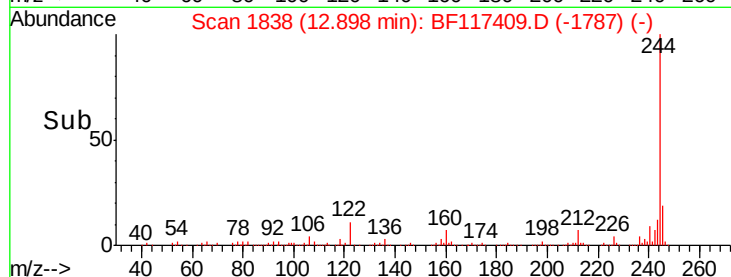
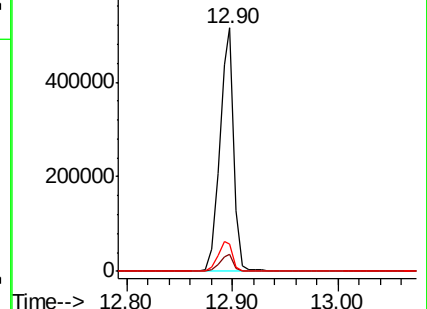
122 11.4 10.7 16.1



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: 36.046 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

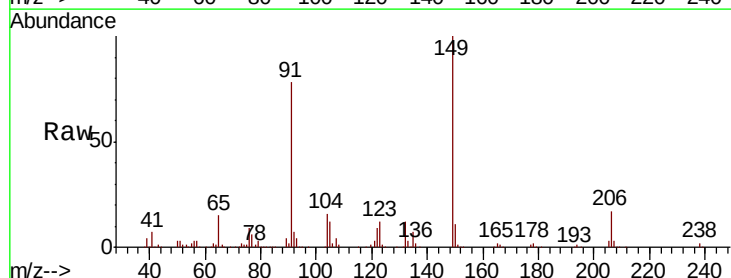
Tgt Ion:149 Resp: 229653

Ion Ratio Lower Upper

149 100

91 78.5 58.5 87.7

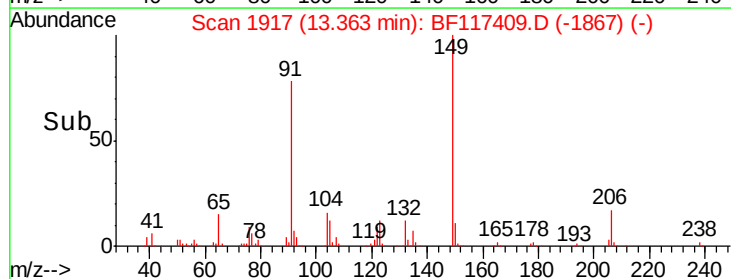
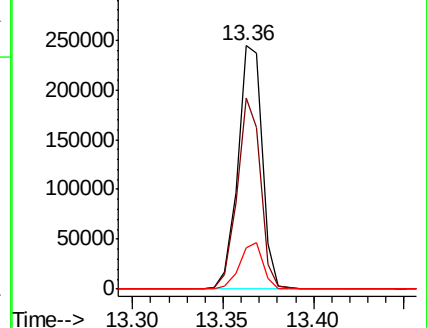
206 17.2 14.4 21.6

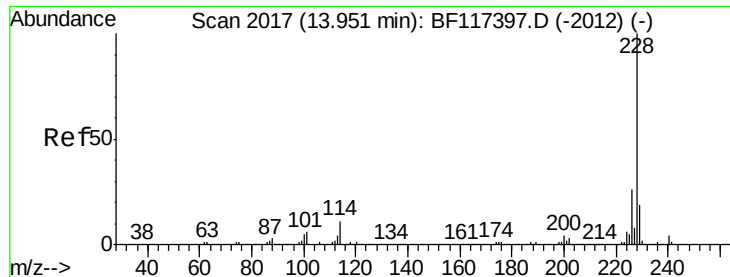


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

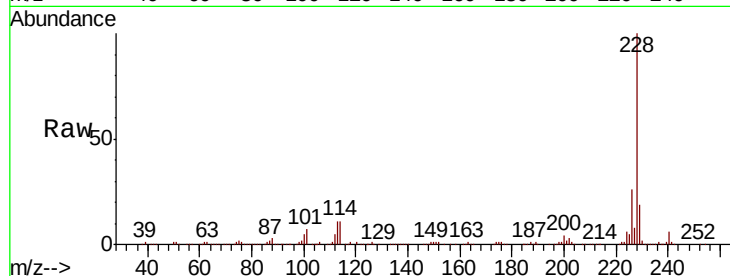




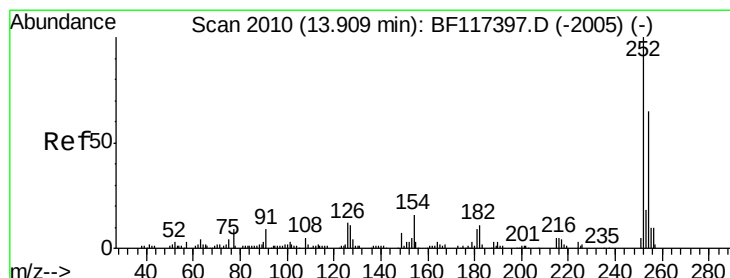
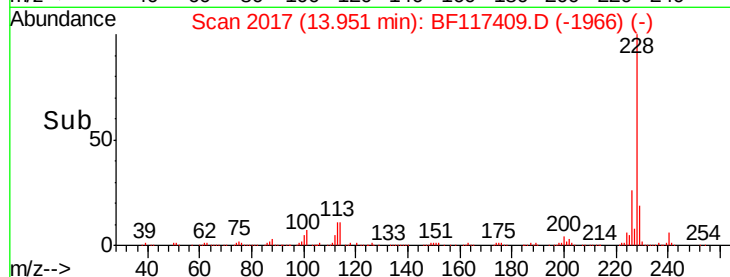
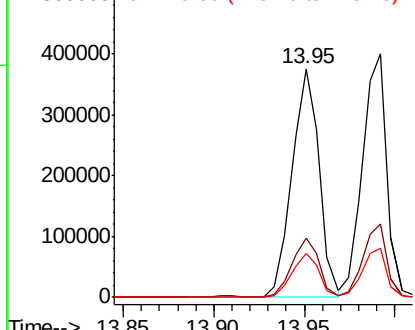
#81
Benzo(a)anthracene
Concen: 40.146 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 394828
Ion Ratio Lower Upper
228 100
226 25.9 20.9 31.3
229 19.3 15.2 22.8

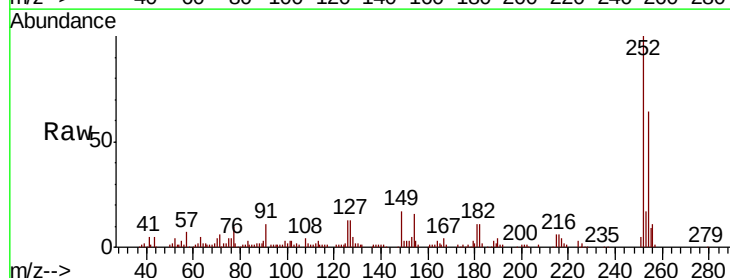


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

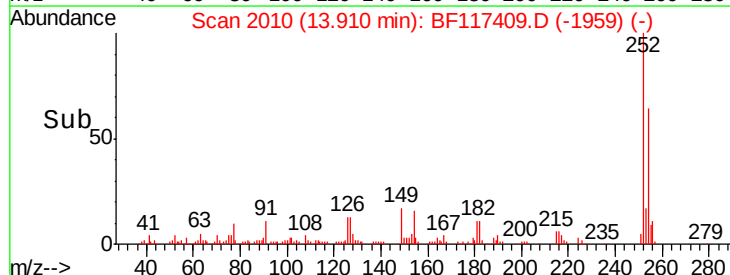
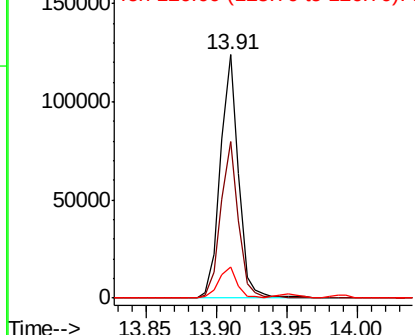


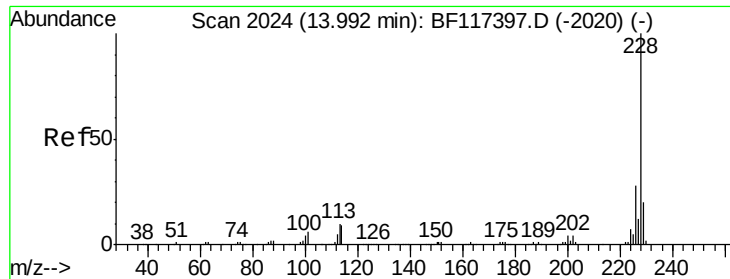
#82
3,3'-Dichlorobenzidine
Concen: 35.777 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:252 Resp: 111250
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 13.0 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: 38.960 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

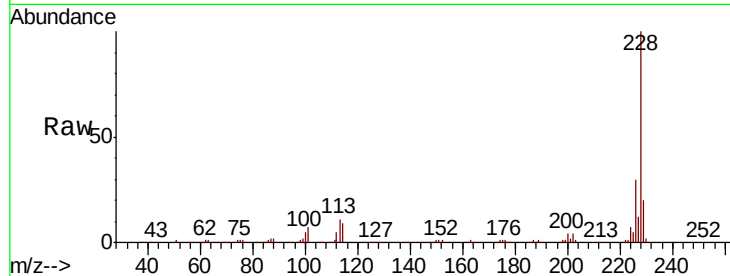
Tot Ion:228 Resp: 377870

Ion Ratio Lower Upper

228 100

226 30.2 22.8 34.2

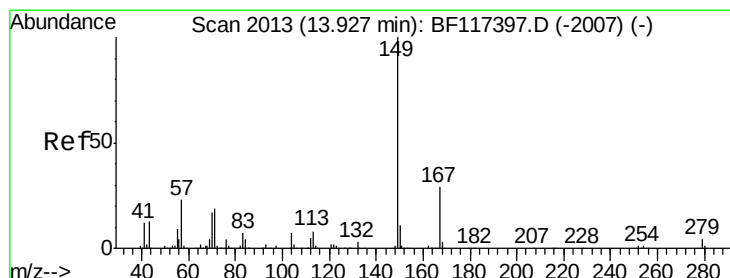
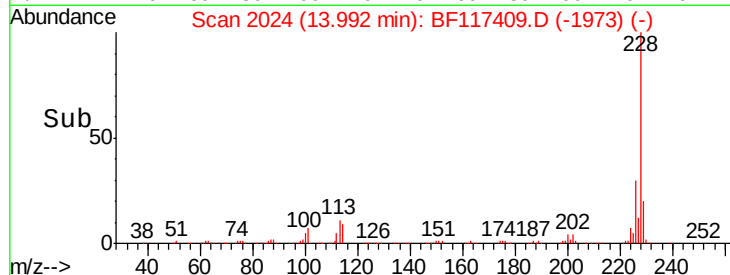
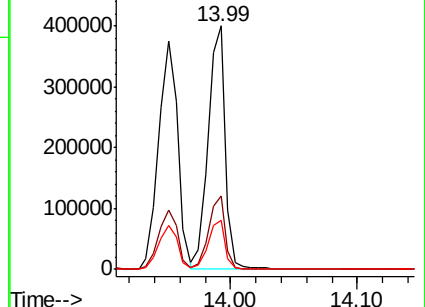
229 20.0 15.7 23.5



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: 37.173 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

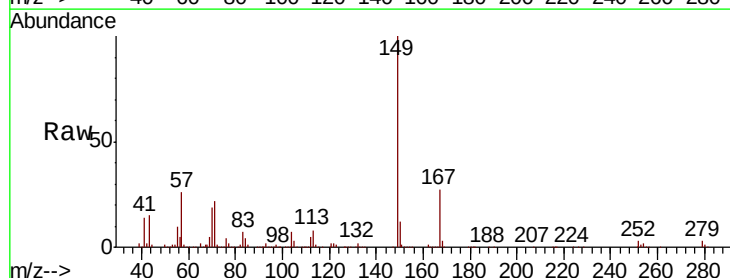
Tgt Ion:149 Resp: 333930

Ion Ratio Lower Upper

149 100

167 27.3 23.0 34.6

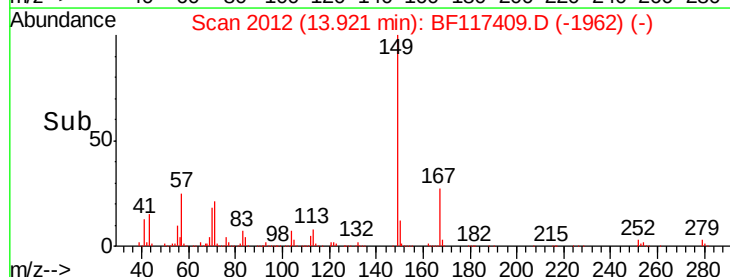
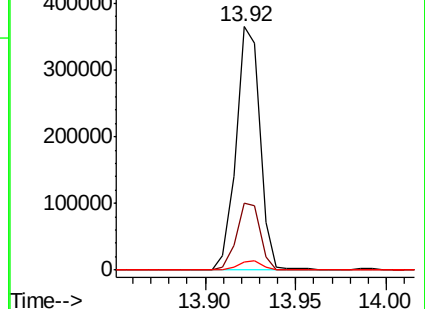
279 3.1 3.0 4.6

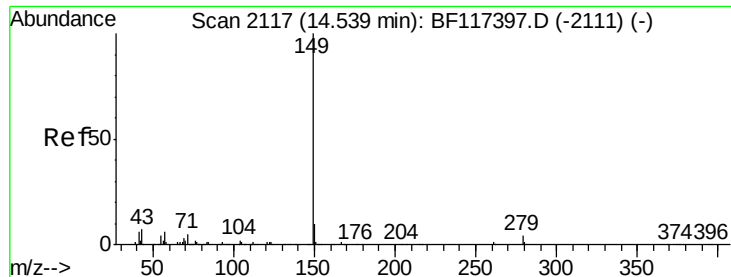


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

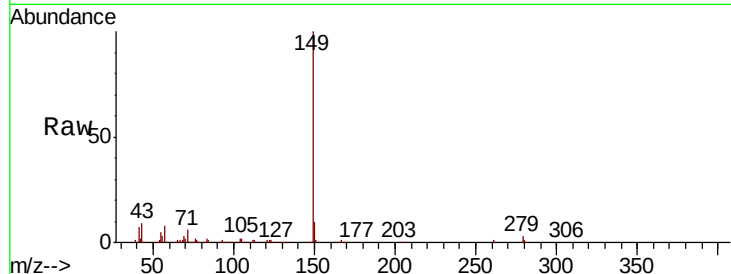




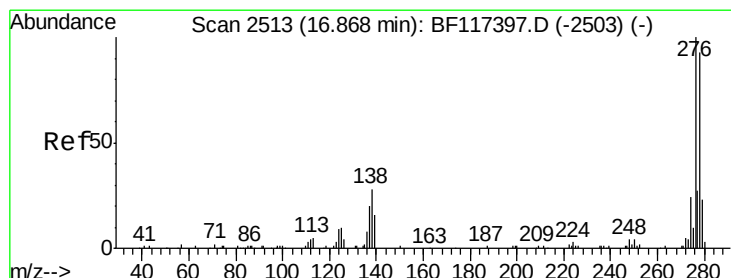
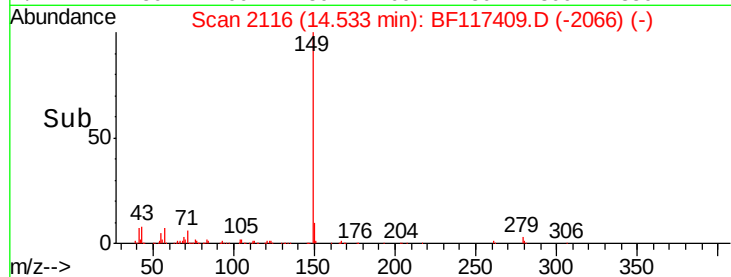
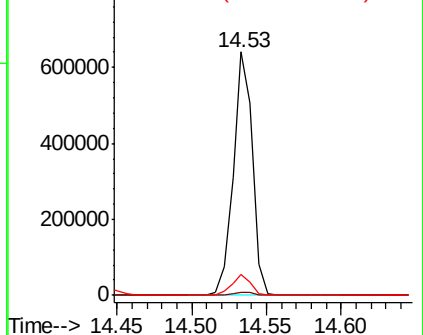
#85
Di-n-octyl phthalate
Concen: 42.208 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 577242
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 8.1 6.6 9.8

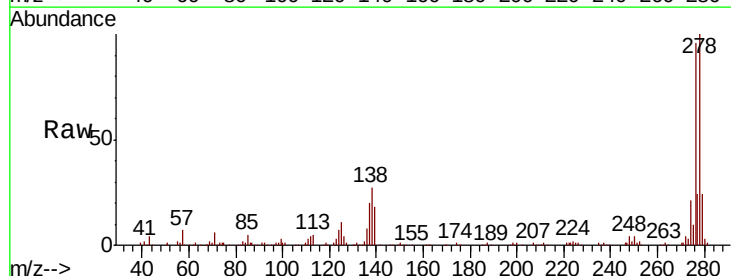


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

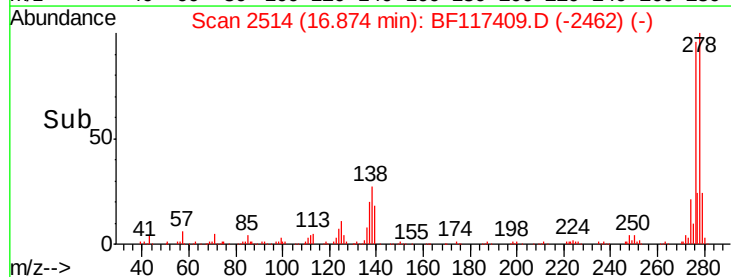
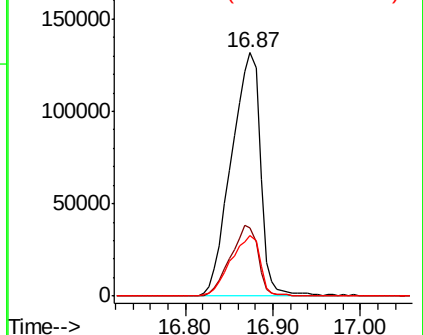


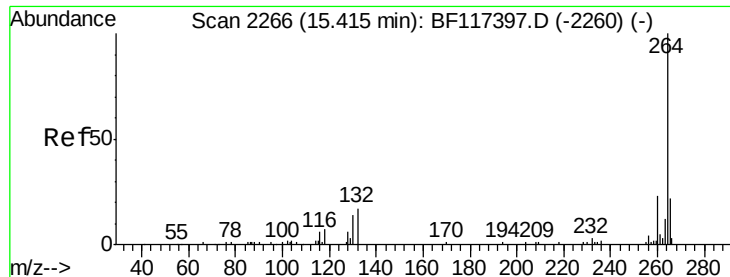
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.062 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:276 Resp: 298814
Ion Ratio Lower Upper
276 100
138 27.5 21.5 32.3
277 25.0 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

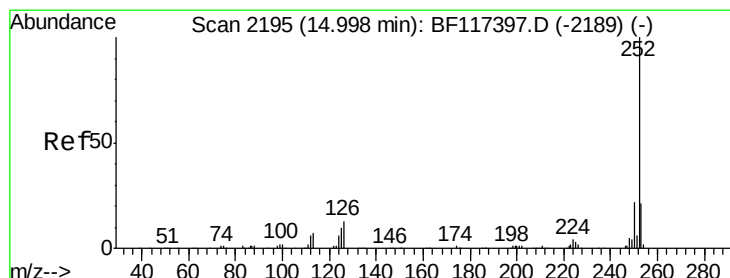
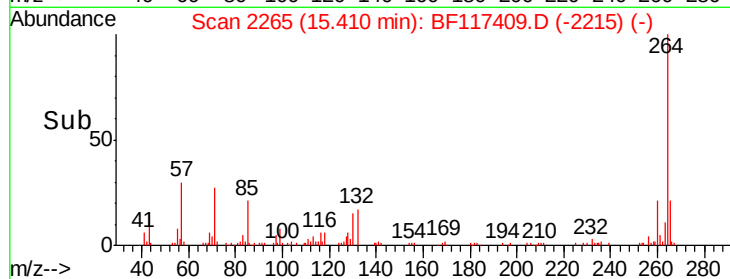
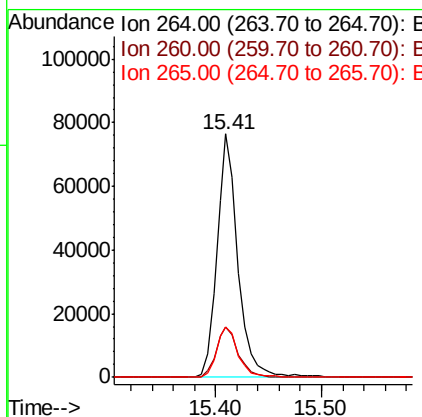
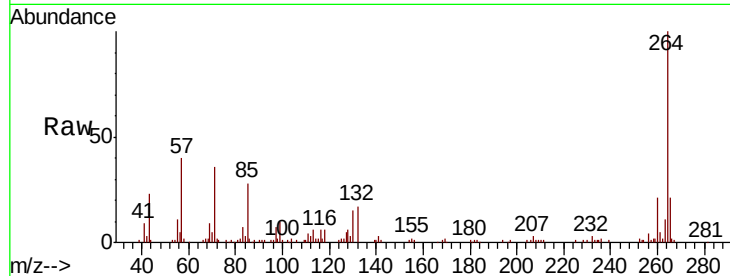




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

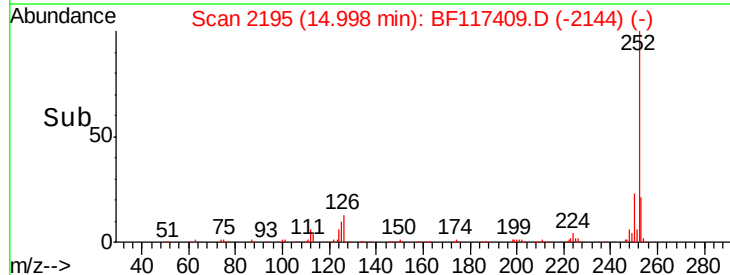
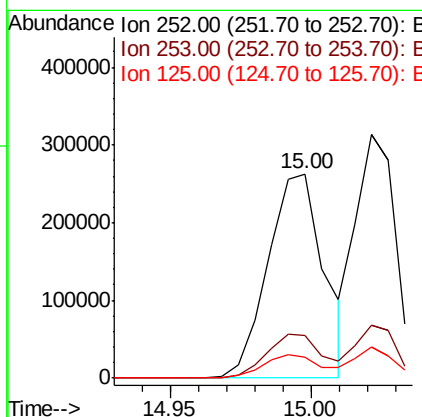
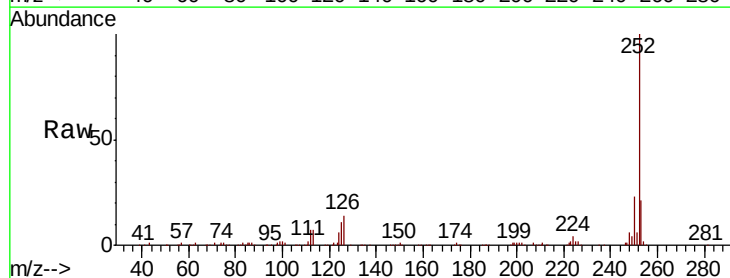
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

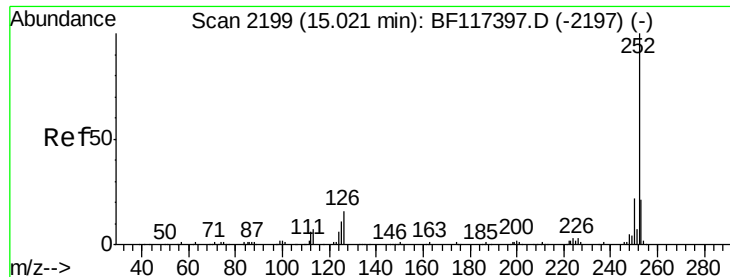
Tot Ion:264 Resp: 105452
Ion Ratio Lower Upper
264 100
260 20.9 18.6 27.8
265 20.7 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 55.146 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:252 Resp: 362024
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.5 8.2 12.2

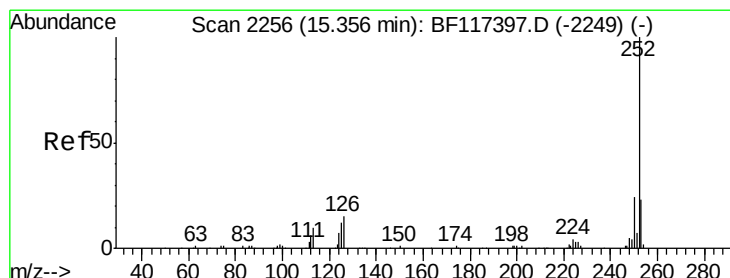
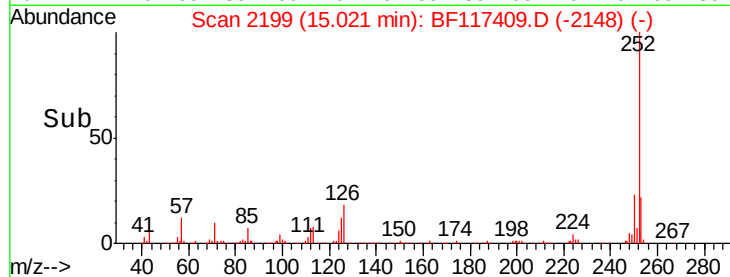
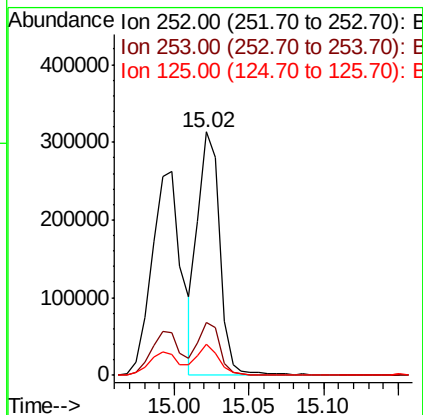
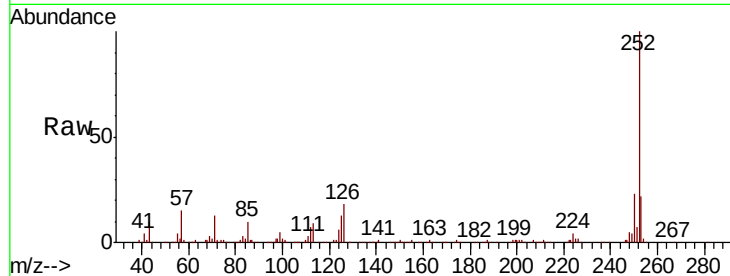




#89
Benzo(k)fluoranthene
Concen: 48.570 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

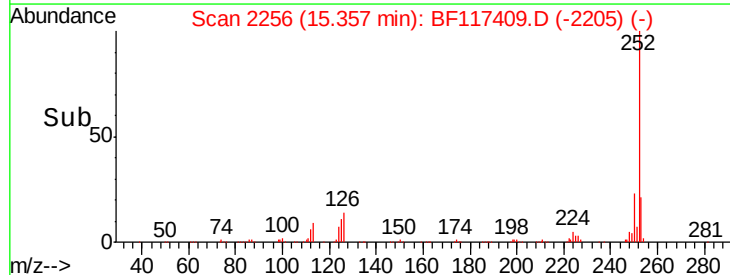
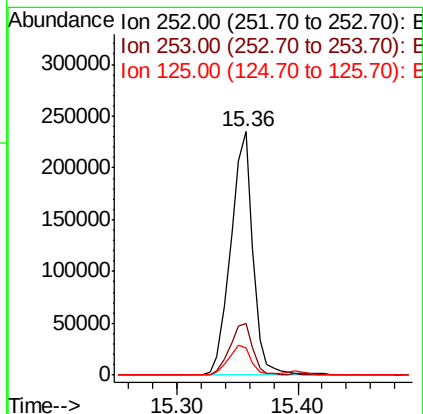
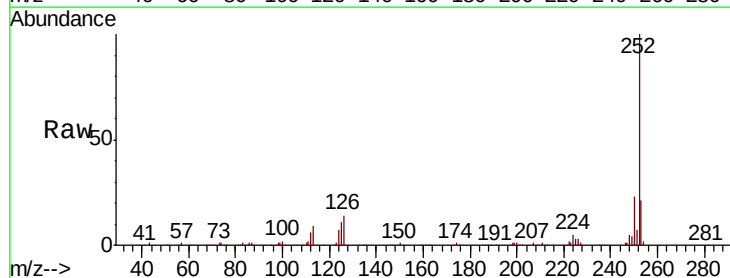
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

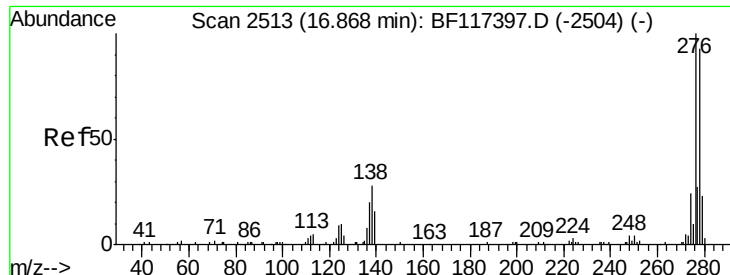
Tot Ion:252 Resp: 316876
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.5 9.4 14.2



#90
Benzo(a)pyrene
Concen: 51.868 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117409.D
Acq: 16 Oct 2019 13:46

Tgt Ion:252 Resp: 301522
Ion Ratio Lower Upper
252 100
253 21.0 18.0 27.0
125 11.0 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 52.348 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

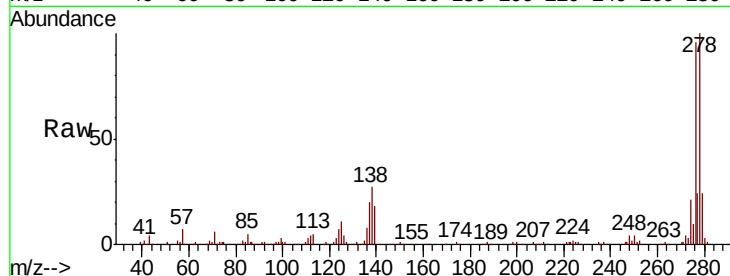
Tot Ion:278 Resp: 260766

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

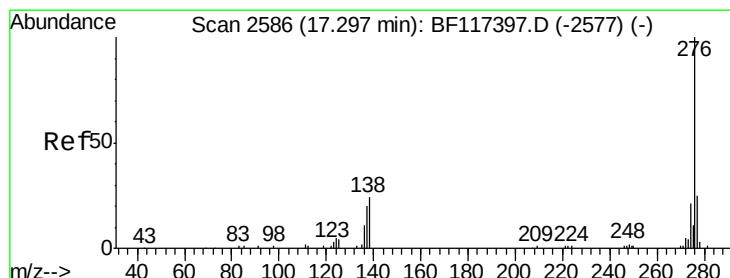
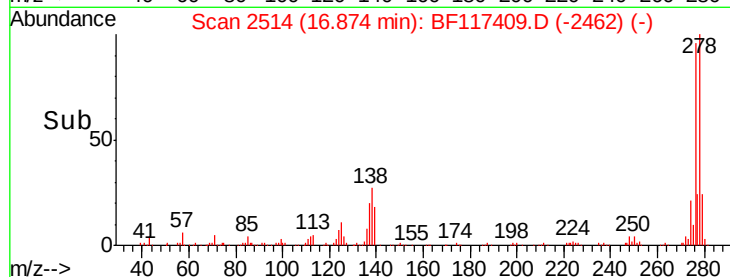
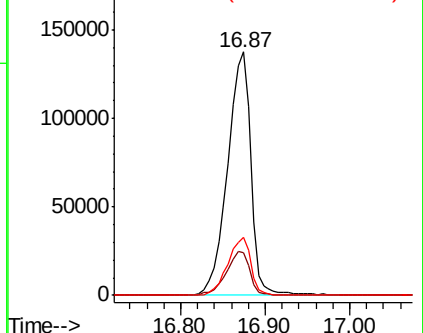
279 24.0 19.8 29.6



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: 50.886 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.00 min

Lab File: BF117409.D

Acq: 16 Oct 2019 13:46

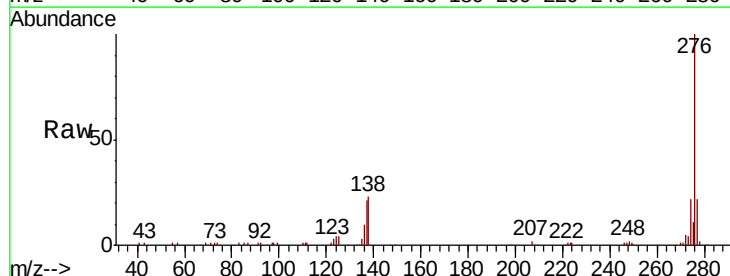
Tgt Ion:276 Resp: 241282

Ion Ratio Lower Upper

276 100

277 22.2 19.9 29.9

138 22.6 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

