

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
 Data File : BF117729.D
 Acq On : 8 Nov 2019 13:51
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 09 01:21:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	373248	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1433561	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	779605	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1443033	20.00	ng	0.00
76) Chrysene-d12	14.12	240	1037178	20.00	ng	0.00
87) Perylene-d12	15.63	264	943854	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1667961	80.89	ng	0.00
7) Phenol-d6	6.55	99	2029082	79.81	ng	0.00
23) Nitrobenzene-d5	7.50	82	1758933	72.44	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	614840	80.62	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3326744	84.19	ng	0.00
79) Terphenyl-d14	13.06	244	3741690	74.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	405356	39.455	ng	98
3) Pyridine	3.50	79	1114796	39.448	ng	98
4) n-Nitrosodimethylamine	3.46	42	420685	33.780	ng	# 100
6) Aniline	6.59	93	1404382	39.359	ng	99
8) 2-Chlorophenol	6.72	128	926374	40.386	ng	99
9) Benzaldehyde	6.48	77	692119	39.124	ng	100
10) Phenol	6.56	94	1090015	39.787	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	883146	39.038	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1068434	40.183	ng	99
13) 1,4-Dichlorobenzene	6.95	146	1074352	40.364	ng	99
14) 1,2-Dichlorobenzene	7.10	146	1002123	40.891	ng	99
15) Benzyl Alcohol	7.07	79	807350	39.826	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1380840	38.604	ng	98
17) 2-Methylphenol	7.17	107	780443	39.615	ng	98
18) Hexachloroethane	7.45	117	387572	39.394	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	637435	38.130	ng	99
20) 3+4-Methylphenols	7.33	107	953654	40.653	ng	98
22) Acetophenone	7.34	105	1287112	39.284	ng	# 99
24) Nitrobenzene	7.52	77	940764	37.103	ng	99
25) Isophorone	7.76	82	1753599	37.759	ng	100
26) 2-Nitrophenol	7.83	139	417658	35.481	ng	99
27) 2,4-Dimethylphenol	7.86	122	760043	38.293	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	1144775	38.400	ng	100
29) 2,4-Dichlorophenol	8.07	162	808353	39.531	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	917246	39.183	ng	99
31) Naphthalene	8.24	128	2622964	40.030	ng	100
32) Benzoic acid	7.97	122	583030	37.108	ng	97
33) 4-Chloroaniline	8.29	127	1202042	39.480	ng	99
34) Hexachlorobutadiene	8.36	225	525248	39.182	ng	96
35) Caprolactam	8.66	113	265759	39.211	ng	95
36) 4-Chloro-3-methylphenol	8.76	107	813093	39.405	ng	98
37) 2-Methylnaphthalene	8.93	142	1787656	40.074	ng	99
38) 1-Methylnaphthalene	9.03	142	1702136	40.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	837905	39.287	ng	100

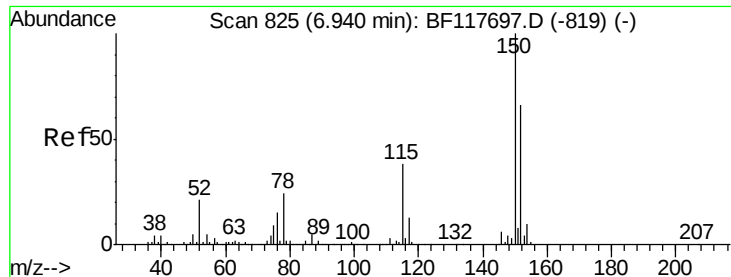
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	462199	40.170	ng	99
43) 2,4,6-Trichlorophenol	9.21	196	597786	38.484	ng	99
44) 2,4,5-Trichlorophenol	9.25	196	623381	39.592	ng	96
46) 1,1'-Biphenyl	9.40	154	2182624	39.975	ng	99
47) 2-Chloronaphthalene	9.43	162	1778056	39.241	ng	98
48) 2-Nitroaniline	9.52	65	518034	36.483	ng	97
49) Acenaphthylene	9.85	152	2625610	39.790	ng	99
50) Dimethylphthalate	9.70	163	2057981	39.048	ng	100
51) 2,6-Dinitrotoluene	9.76	165	428538	36.312	ng	98
52) Acenaphthene	10.02	154	1645703	38.650	ng	99
53) 3-Nitroaniline	9.93	138	534179	37.518	ng	99
54) 2,4-Dinitrophenol	10.03	184	152787	37.763	ng	# 77
55) Dibenzofuran	10.19	168	2355559	39.535	ng	99
56) 4-Nitrophenol	10.07	139	409903	38.281	ng	97
57) 2,4-Dinitrotoluene	10.16	165	536151	35.415	ng	92
58) Fluorene	10.53	166	1744474	39.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	530486	40.530	ng	99
60) Diethylphthalate	10.40	149	2063706	39.816	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	909810	39.801	ng	98
62) 4-Nitroaniline	10.54	138	540343	38.558	ng	96
63) Azobenzene	10.69	77	1932061	39.356	ng	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	217358	37.722	ng	92
66) n-Nitrosodiphenylamine	10.64	169	1643752	38.568	ng	100
67) 4-Bromophenyl-phenylether	11.02	248	616236	39.102	ng	96
68) Hexachlorobenzene	11.08	284	711064	39.057	ng	97
69) Atrazine	11.17	200	559830	39.861	ng	98
70) Pentachlorophenol	11.27	266	416424	40.917	ng	98
71) Phenanthrene	11.50	178	2683657	38.800	ng	100
72) Anthracene	11.55	178	2682864	38.987	ng	98
73) Carbazole	11.70	167	2495635	39.672	ng	99
74) Di-n-butylphthalate	12.03	149	3050707	39.882	ng	98
75) Fluoranthene	12.69	202	2819273	39.918	ng	97
77) Benzidine	12.80	184	1361272	37.751	ng	98
78) Pyrene	12.92	202	2844775	37.573	ng	99
80) Butylbenzylphthalate	13.54	149	1375494	39.331	ng	93
81) Benzo(a)anthracene	14.11	228	2432857	37.684	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	974273	40.406	ng	97
83) Chrysene	14.15	228	2410701	37.811	ng	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	1755795	38.921	ng	99
85) Di-n-octyl phthalate	14.72	149	2761642	38.903	ng	99
86) Indeno(1,2,3-cd)pyrene	17.17	276	1902289	32.057	ng	100
88) Benzo(b)fluoranthene	15.19	252	2296337	38.629	ng	99
89) Benzo(k)fluoranthene	15.22	252	2077600	39.186	ng	99
90) Benzo(a)pyrene	15.57	252	1974873	38.323	ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1579780	34.182	ng	99
92) Benzo(g,h,i)perylene	17.63	276	1505882	33.621	ng	99

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

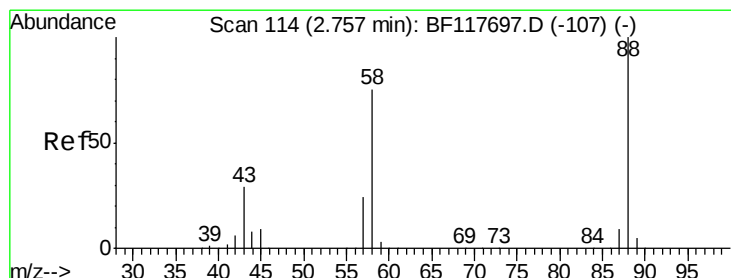
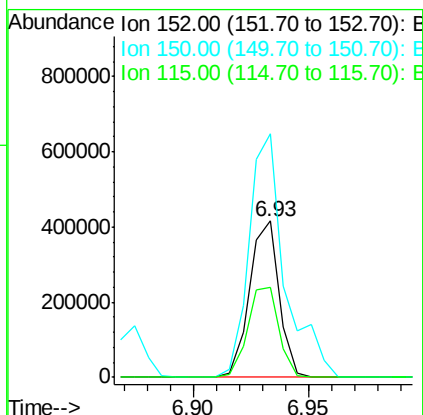
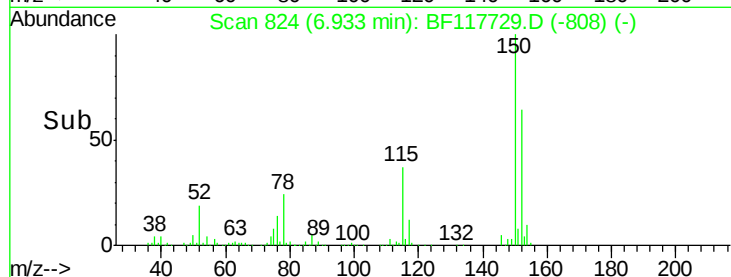
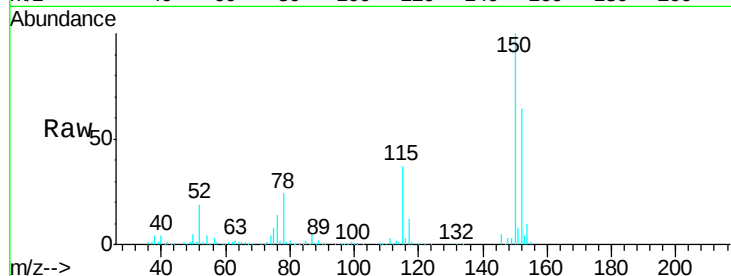


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

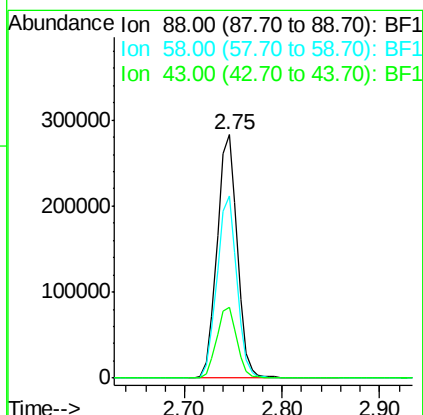
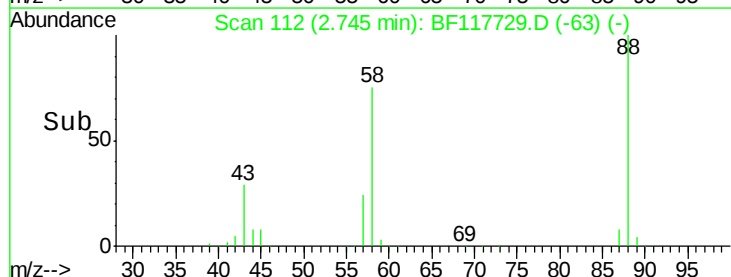
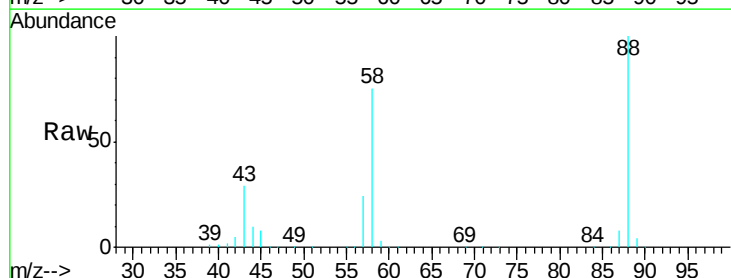
Tgt Ion:152 Resp: 373248
Ion Ratio Lower Upper
152 100
150 156.0 121.4 182.2
115 57.6 46.7 70.1

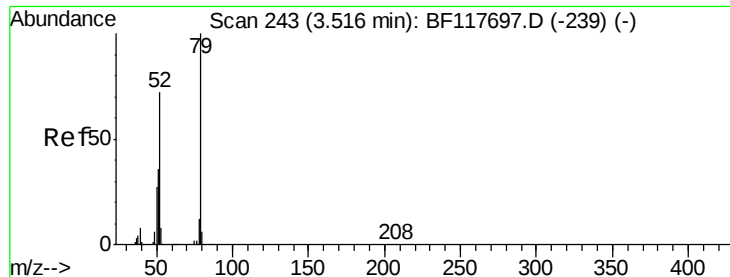


#2

1,4-Dioxane
Concen: 39.455 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion: 88 Resp: 405356
Ion Ratio Lower Upper
88 100
58 73.8 60.1 90.1
43 29.2 24.0 36.0





#3

Pyridine

Concen: 39.448 ng

RT: 3.50 min Scan# 241

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

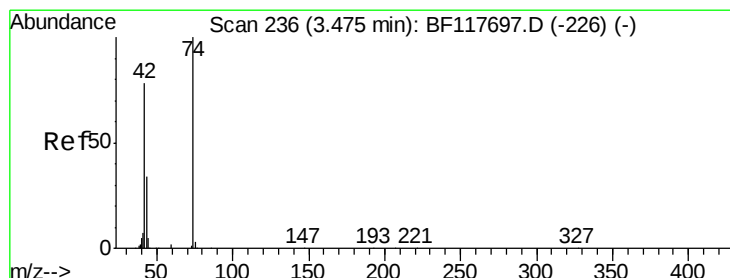
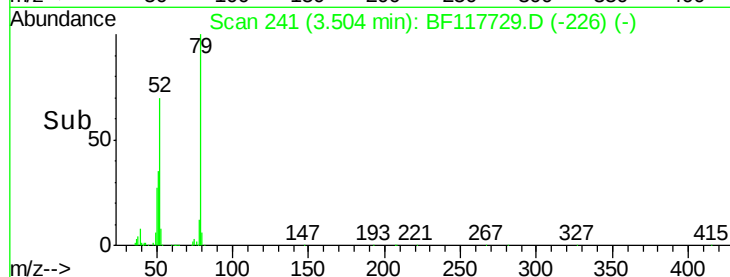
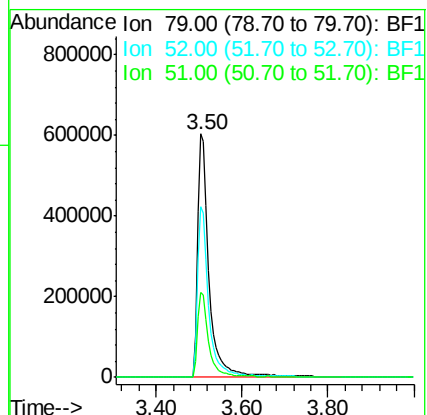
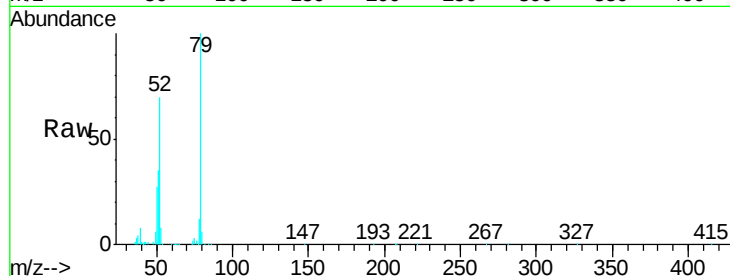
Tgt Ion: 79 Resp: 1114796

Ion Ratio Lower Upper

79 100

52 70.1 57.2 85.8

51 34.8 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 33.780 ng

RT: 3.46 min Scan# 233

Delta R.T. -0.02 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

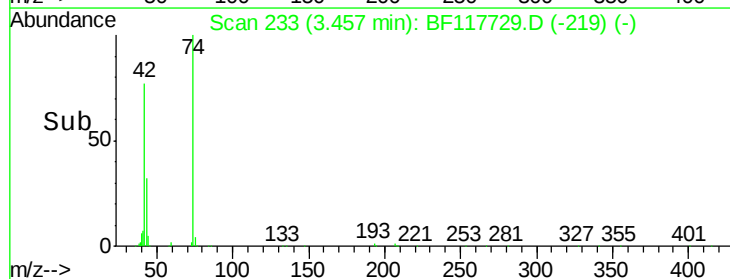
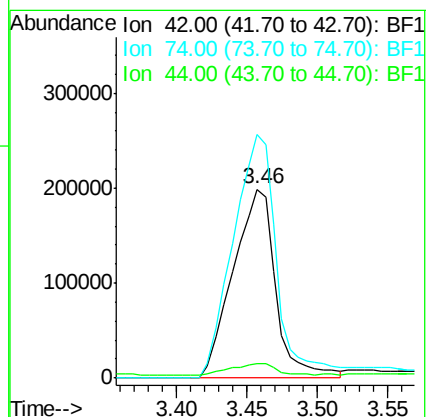
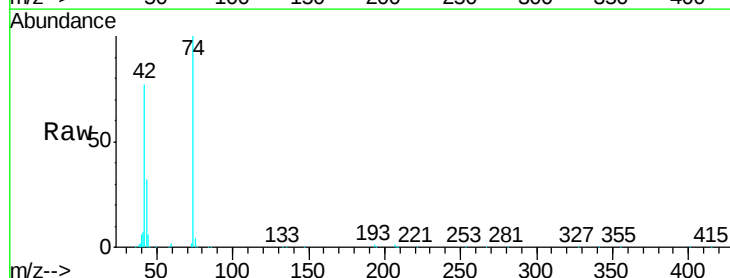
Tgt Ion: 42 Resp: 420685

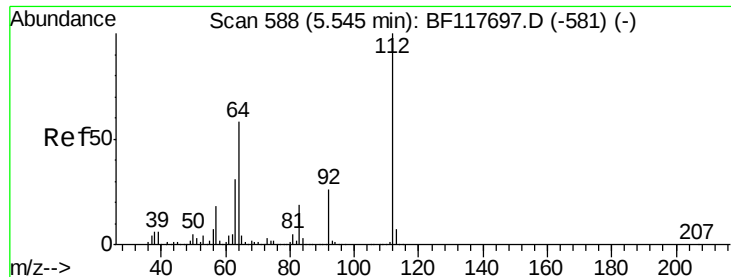
Ion Ratio Lower Upper

42 100

74 129.1 103.1 154.7

44 7.8 5.0 7.6#





#5

2-Fluorophenol

Concen: 80.892 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

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ClientSampleId :

SSTDCCC040

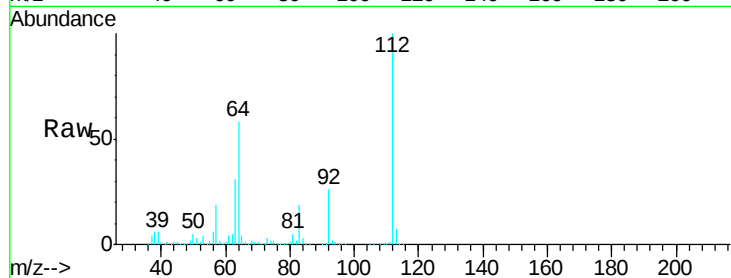
Tgt Ion: 112 Resp: 1667961

Ion Ratio Lower Upper

112 100

64 58.2 46.4 69.6

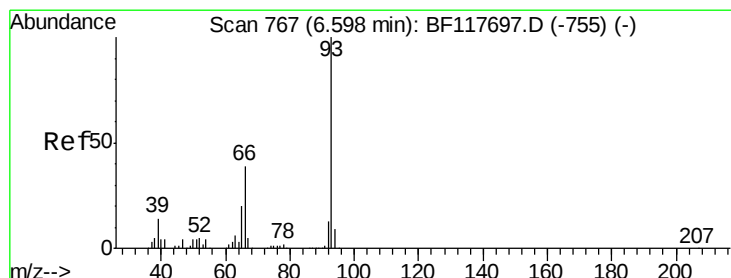
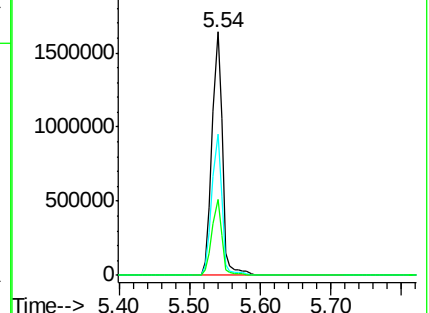
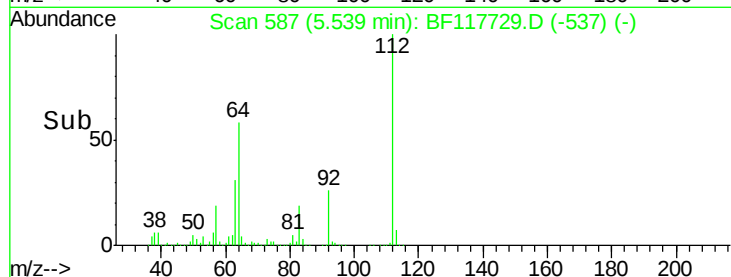
63 31.0 24.6 37.0



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: 39.359 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

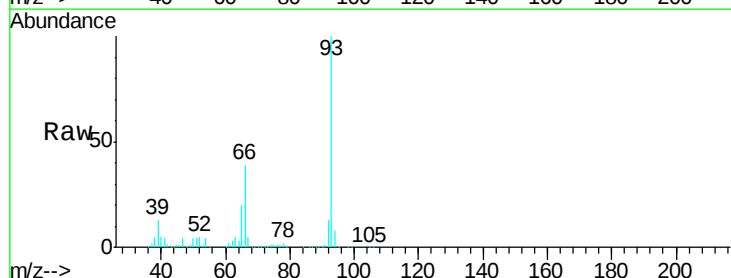
Tgt Ion: 93 Resp: 1404382

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

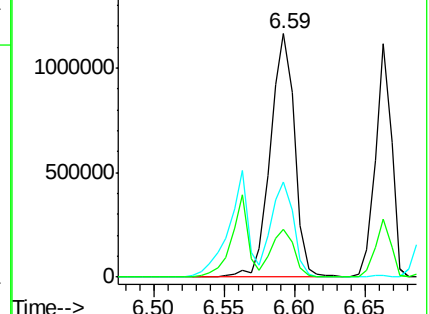
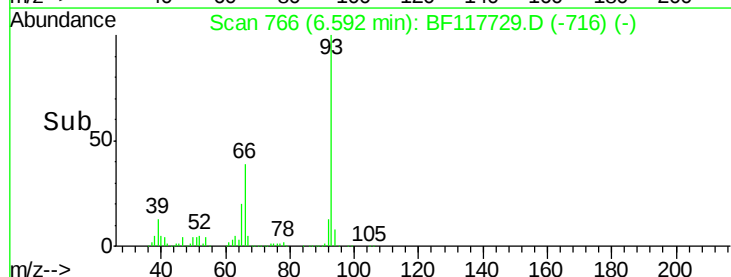
65 19.6 15.8 23.8

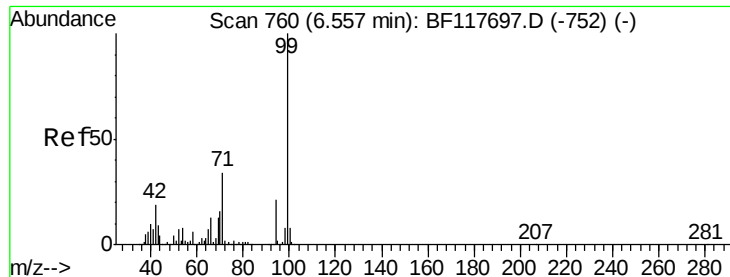


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.808 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

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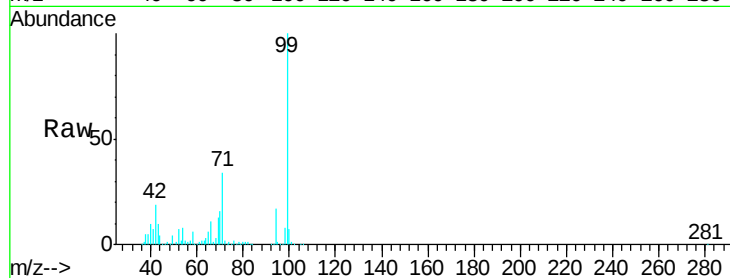
Tgt Ion: 99 Resp: 2029082

Ion Ratio Lower Upper

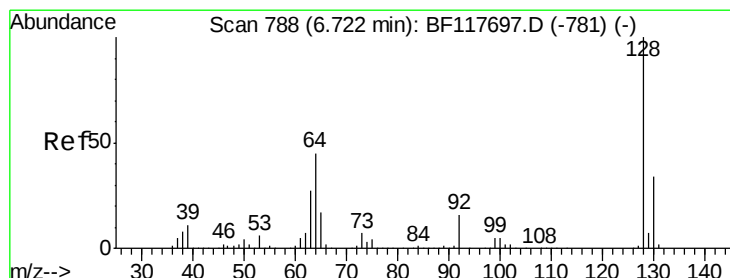
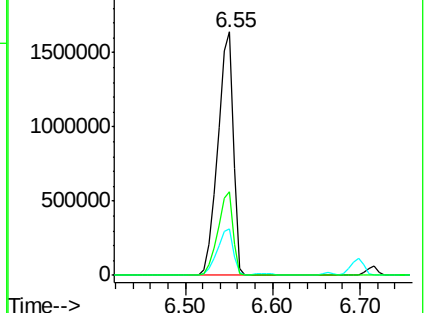
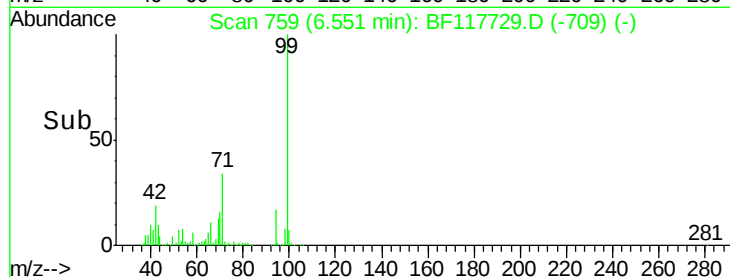
99 100

42 19.1 15.3 22.9

71 34.3 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.386 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

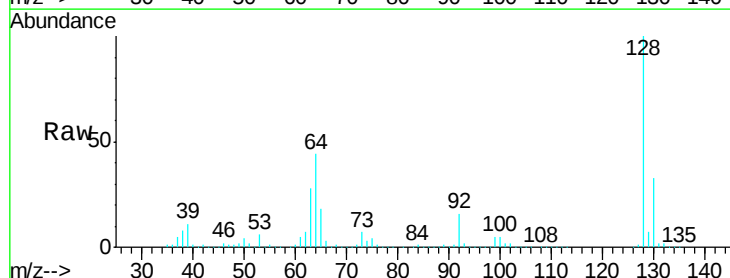
Tgt Ion: 128 Resp: 926374

Ion Ratio Lower Upper

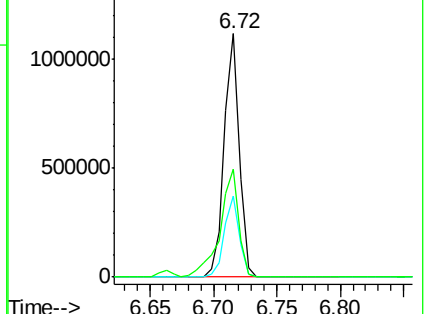
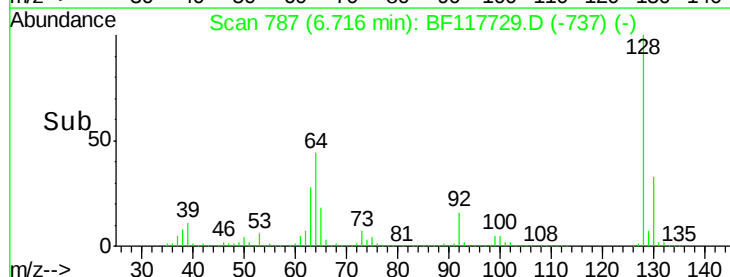
128 100

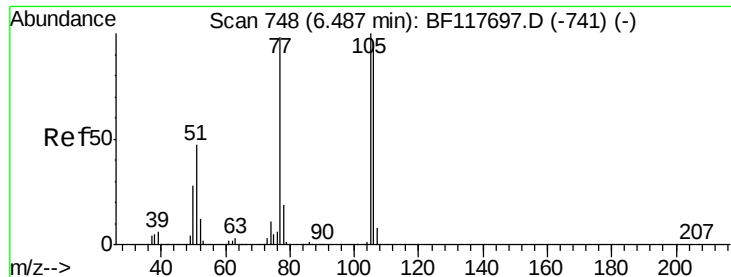
130 33.1 13.6 53.6

64 44.2 25.2 65.2



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: 39.124 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

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SSTDCCC040

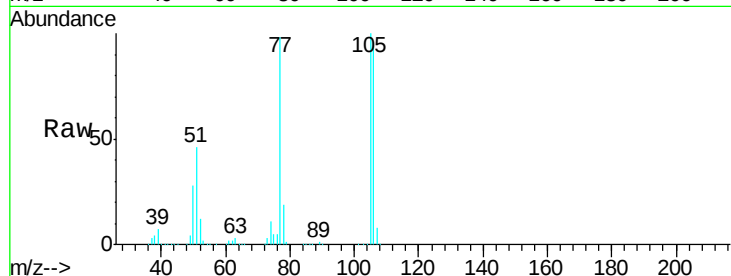
Tgt Ion: 77 Resp: 692119

Ion Ratio Lower Upper

77 100

105 102.2 82.3 122.3

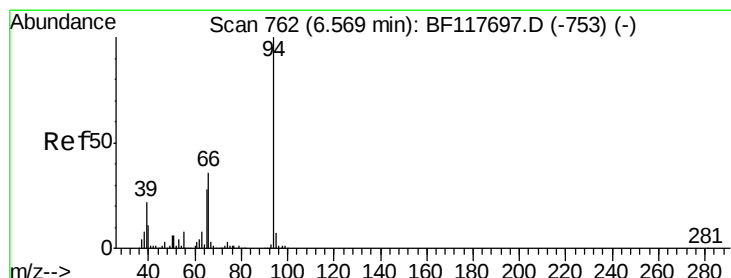
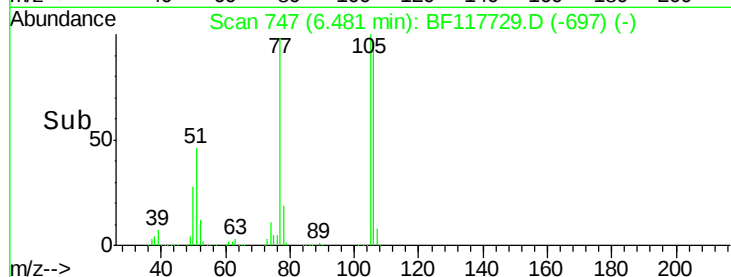
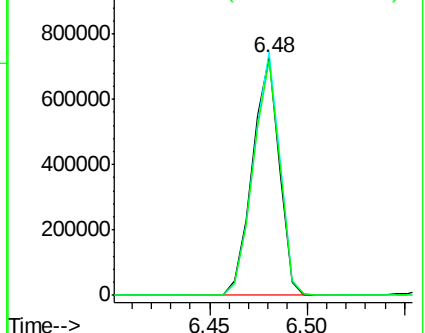
106 98.6 78.0 118.0



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: 39.787 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

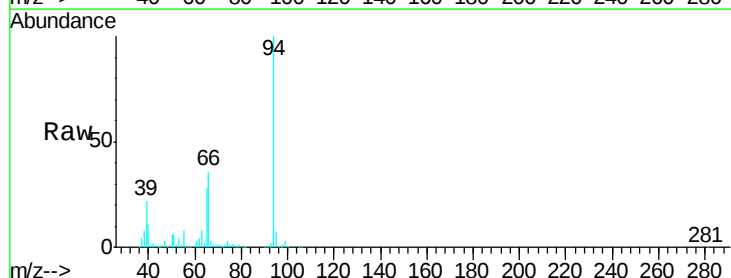
Tgt Ion: 94 Resp: 1090015

Ion Ratio Lower Upper

94 100

65 27.8 7.6 47.6

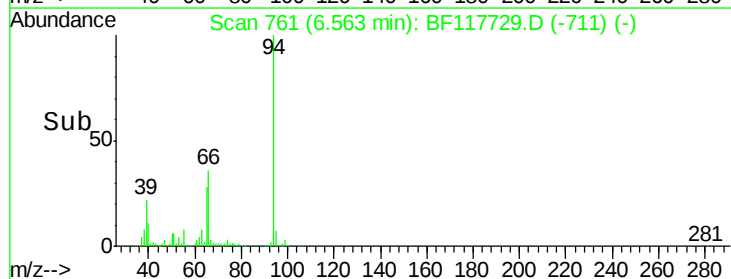
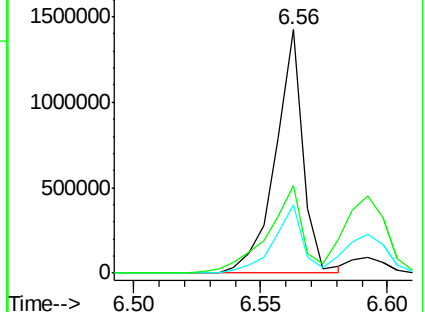
66 36.0 16.1 56.1

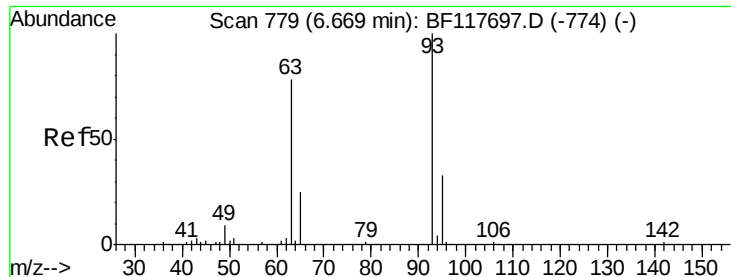


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

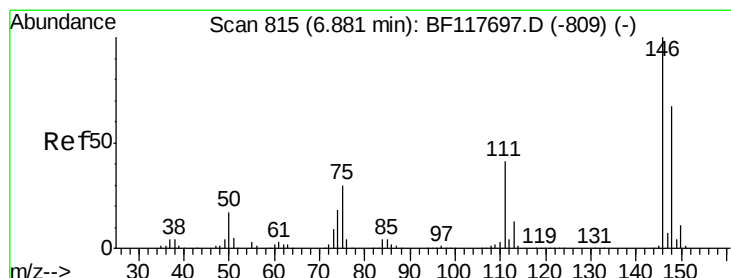
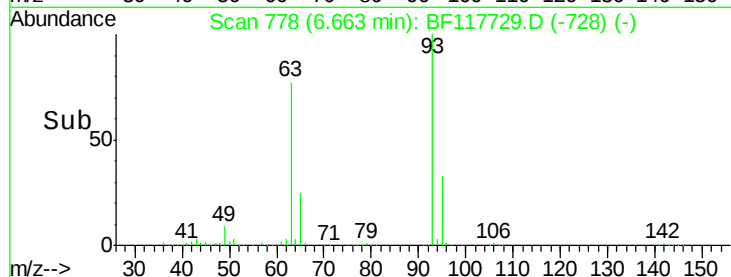
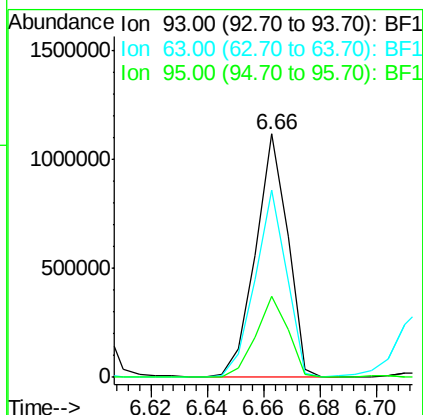
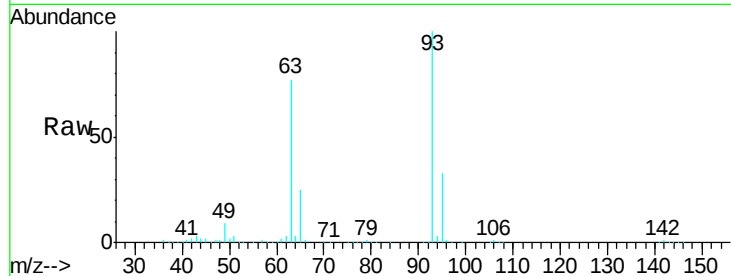




#11
bis(2-Chloroethyl)ether
Concen: 39.038 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

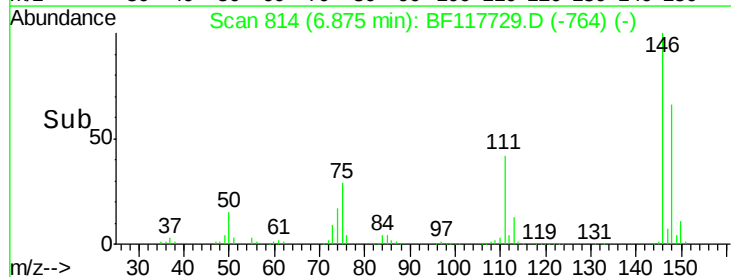
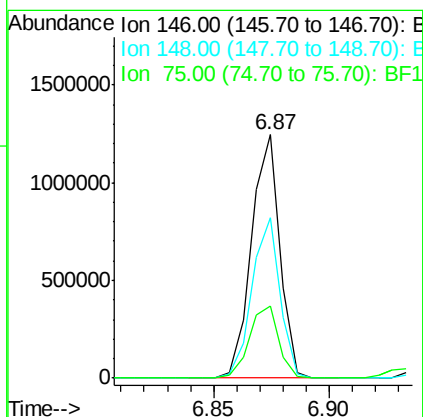
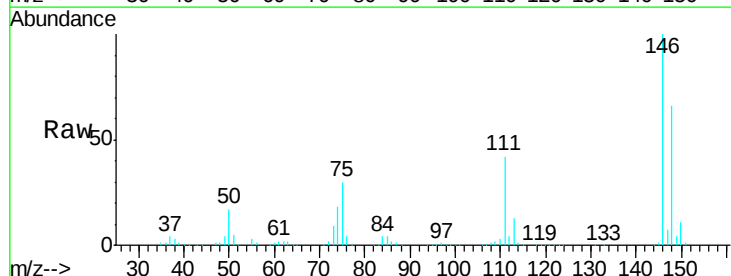
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

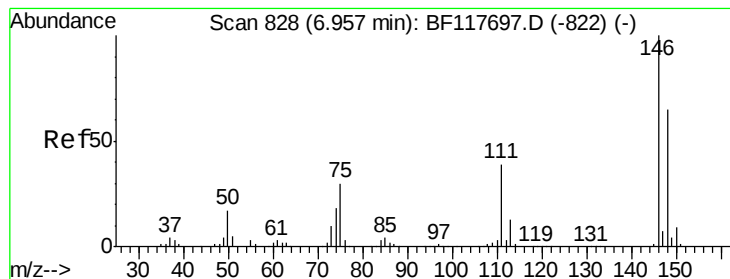
Tgt Ion: 93 Resp: 883146
Ion Ratio Lower Upper
93 100
63 76.9 57.6 97.6
95 33.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.183 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion: 146 Resp: 1068434
Ion Ratio Lower Upper
146 100
148 66.1 53.4 80.2
75 29.7 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 40.364 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

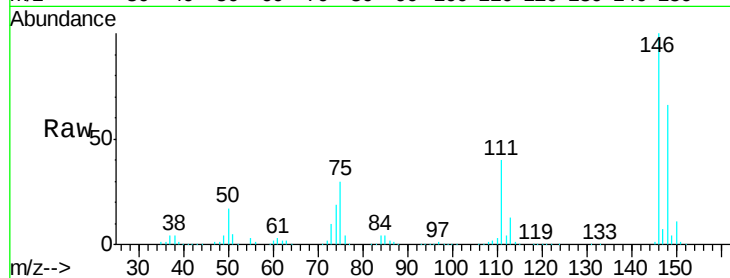
Tgt Ion:146 Resp: 1074352

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

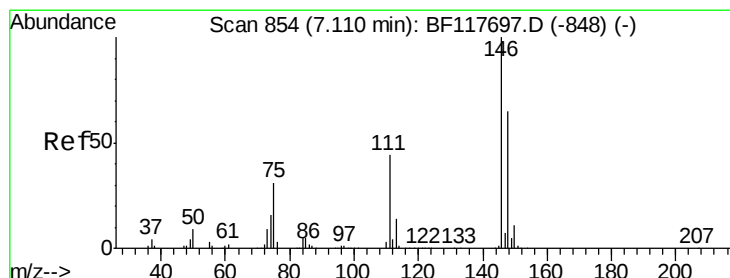
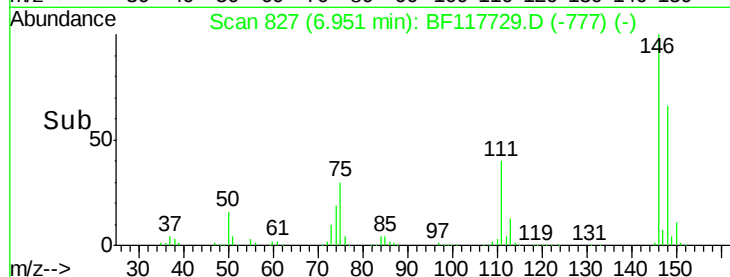
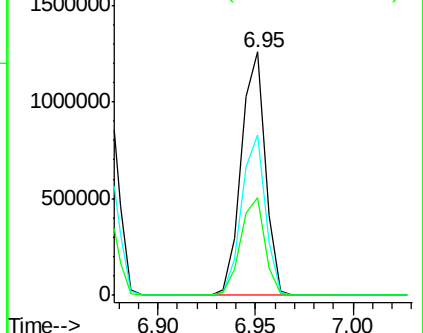
111 40.3 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.891 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

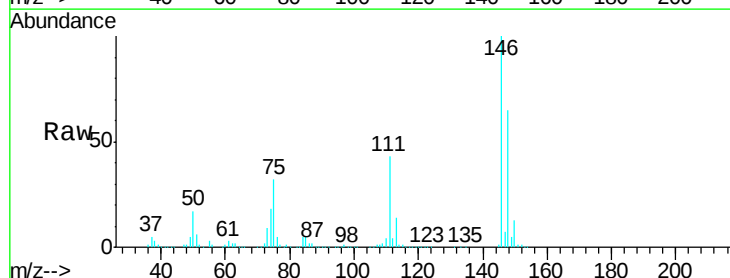
Tgt Ion:146 Resp: 1002123

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

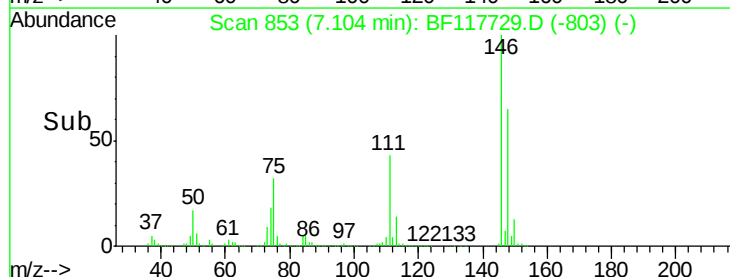
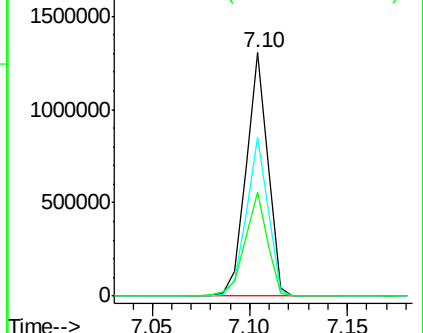
111 43.0 35.1 52.7

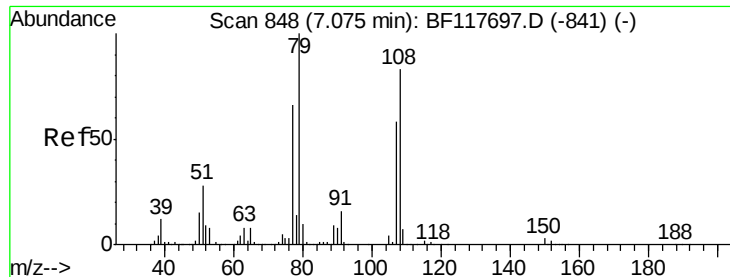


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.826 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

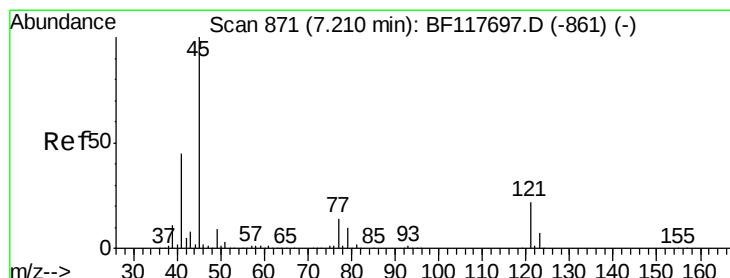
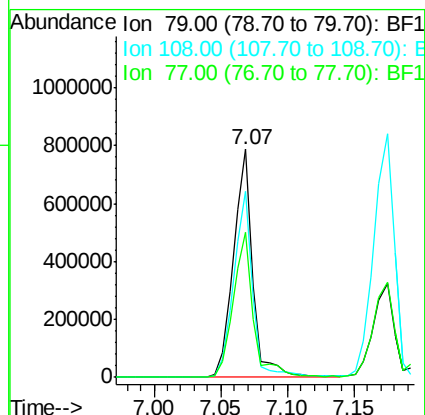
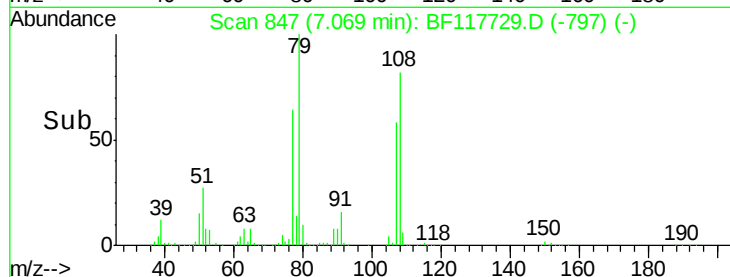
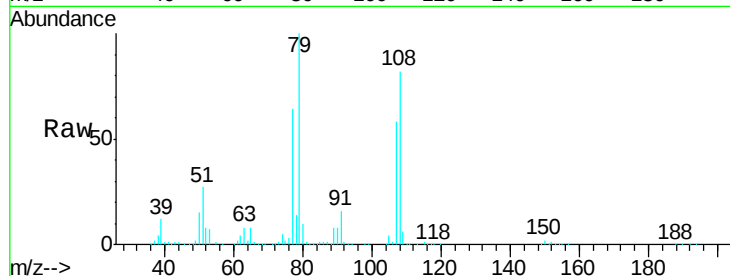
Tgt Ion: 79 Resp: 807350

Ion Ratio Lower Upper

79 100

108 81.6 66.5 99.7

77 63.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.604 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

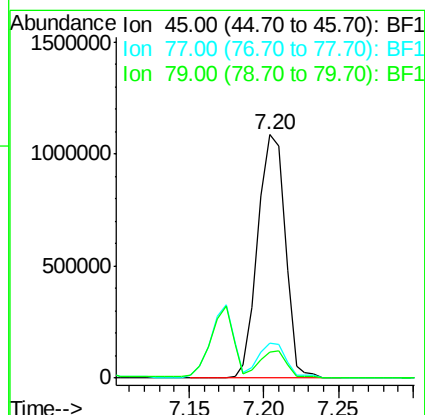
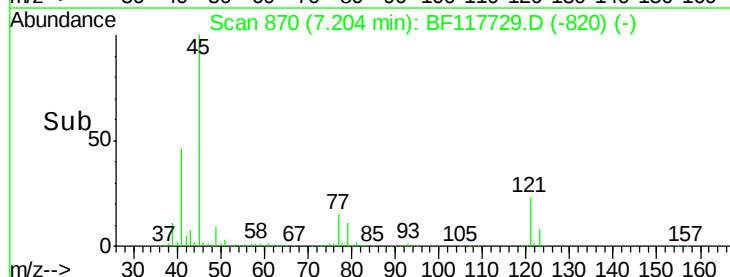
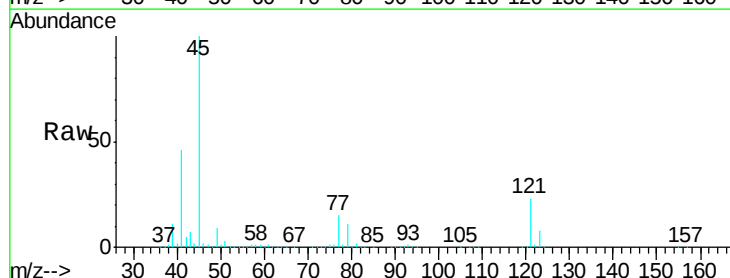
Tgt Ion: 45 Resp: 1380840

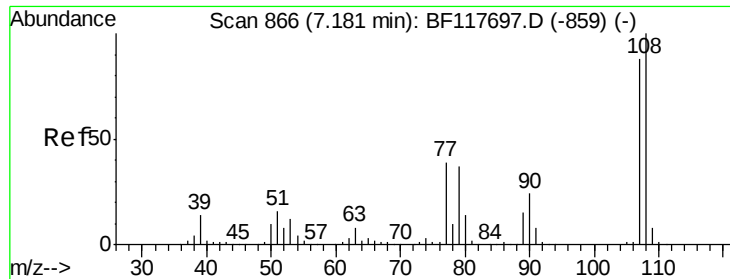
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.8

79 10.9 0.0 30.5

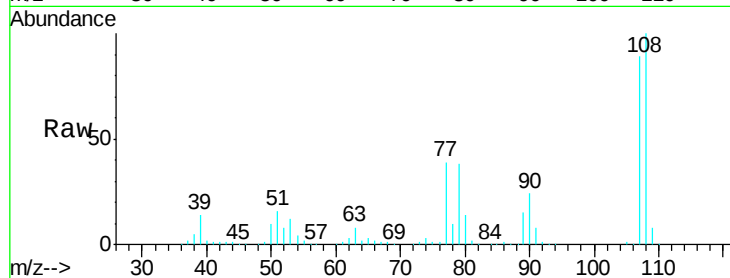




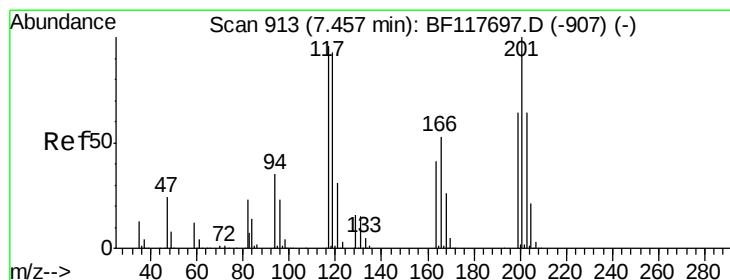
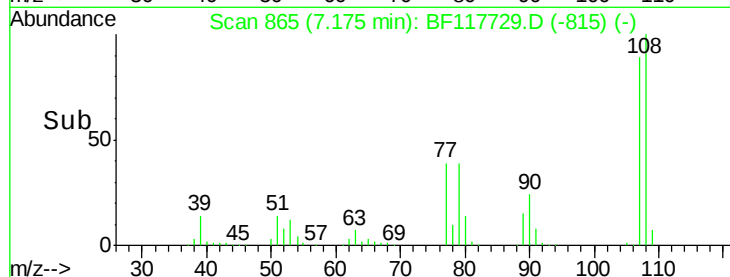
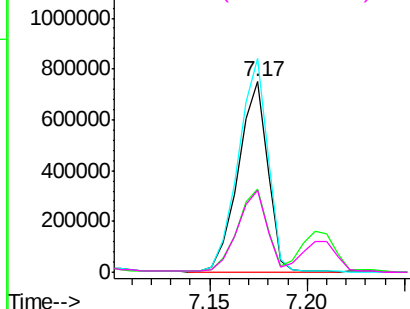
#17
2-Methylphenol
Concen: 39.615 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 780443
Ion Ratio Lower Upper
107 100
108 112.1 91.1 136.7
77 43.6 35.8 53.8
79 43.2 34.1 51.1

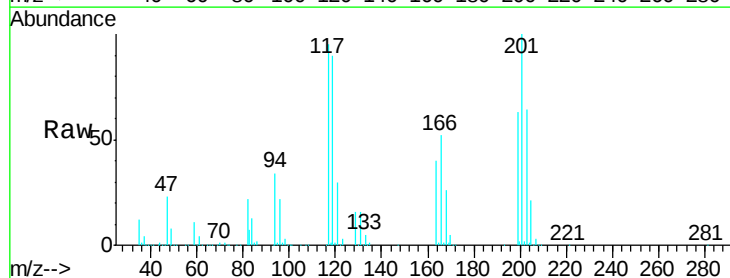


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

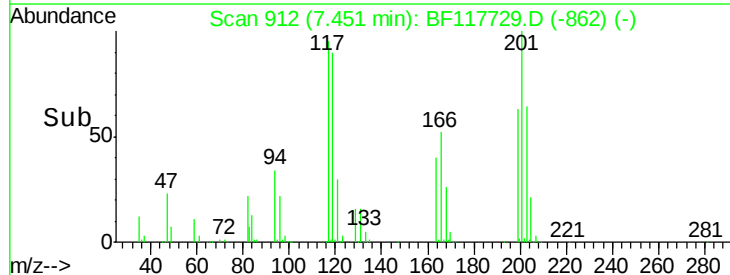
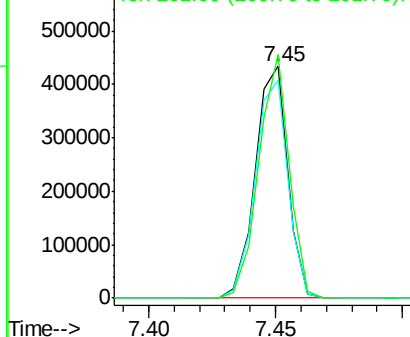


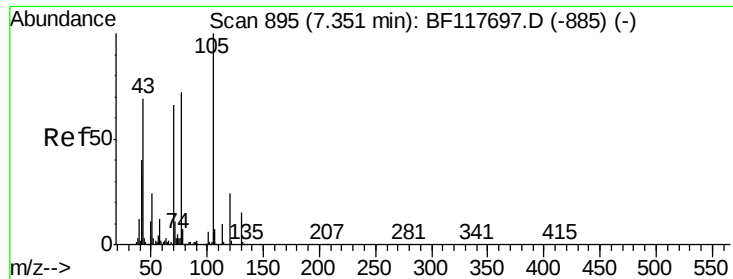
#18
Hexachloroethane
Concen: 39.394 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:117 Resp: 387572
Ion Ratio Lower Upper
117 100
119 94.1 77.7 116.5
201 105.0 83.2 124.8



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

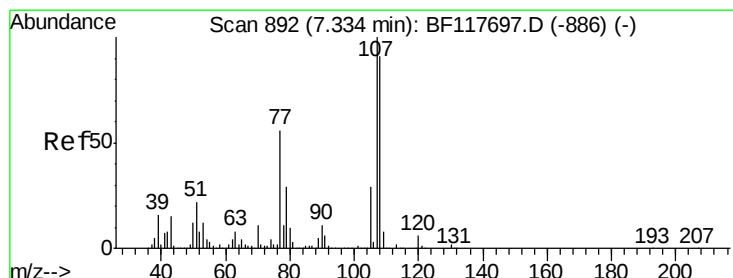
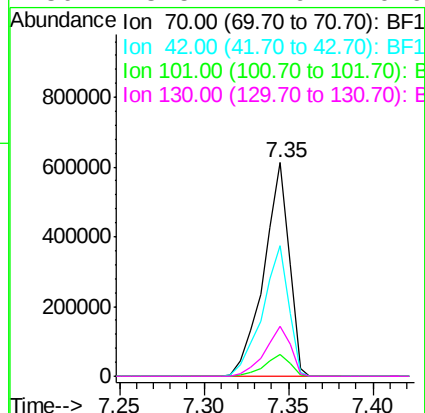
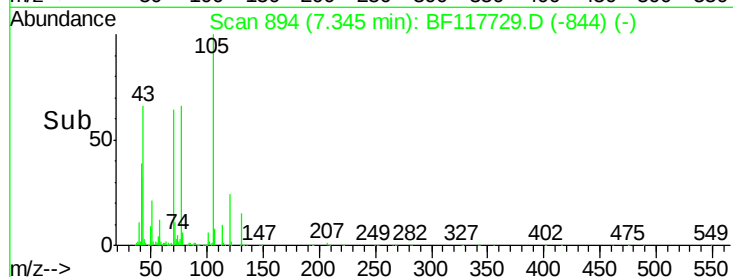
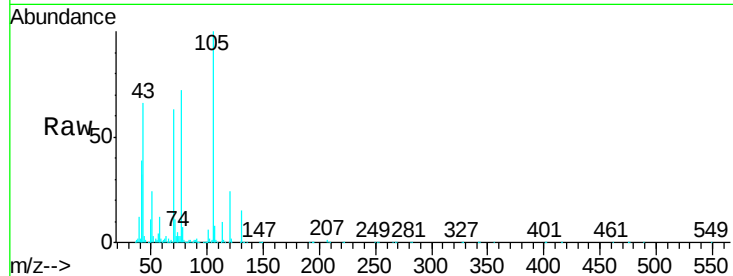




#19
n-Nitroso-di-n-propylamine
Concen: 38.130 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

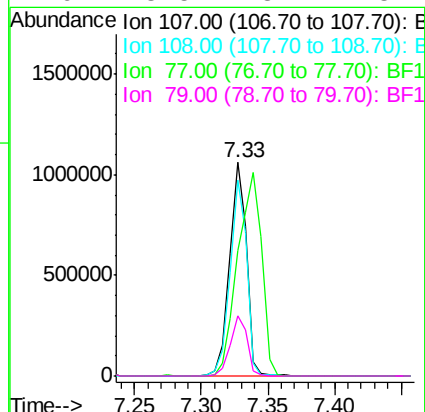
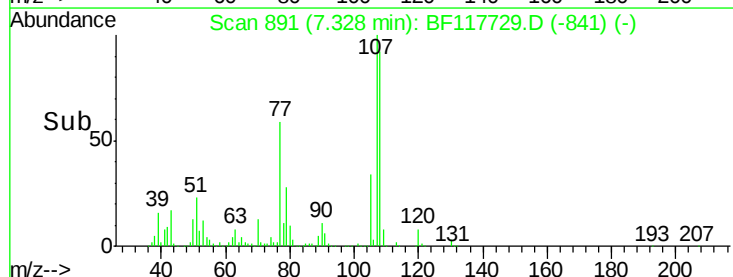
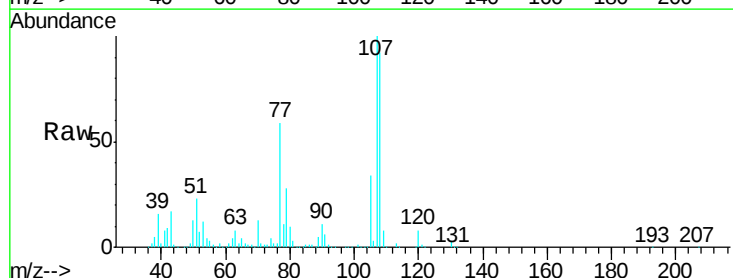
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

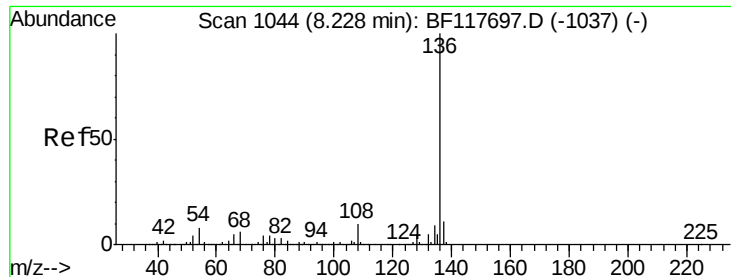
Tgt Ion:	70	Resp:	637435
Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.1	73.7
101	10.1	7.8	11.8
130	23.5	17.9	26.9



#20
3+4-Methylphenols
Concen: 40.653 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:	107	Resp:	953654
Ion	Ratio	Lower	Upper
107	100		
108	91.5	70.5	110.5
77	58.9	35.6	75.6
79	28.5	8.7	48.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1433561

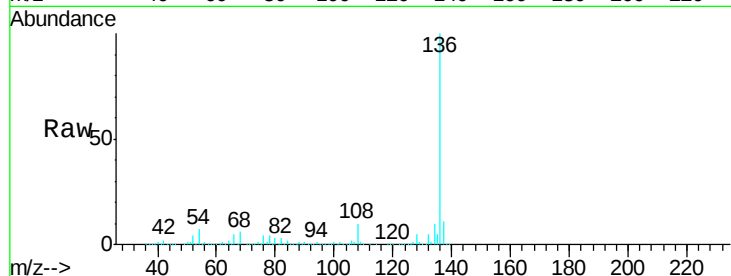
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.3 6.0 9.0

68 5.9 4.8 7.2

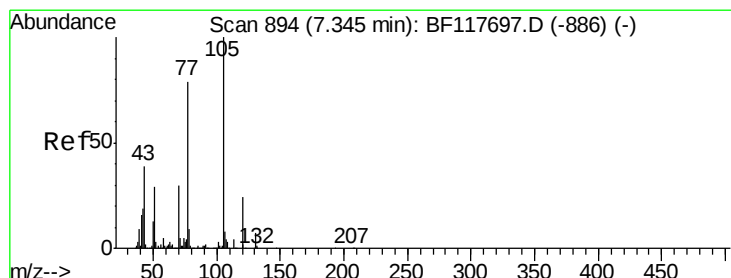
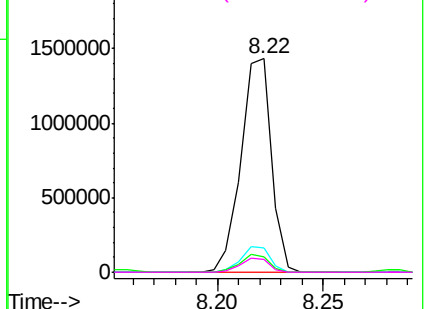
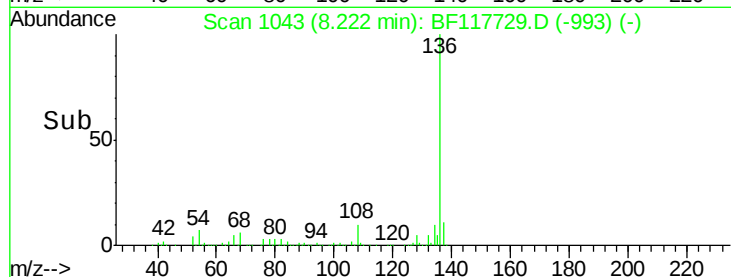


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.284 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Tgt Ion:105 Resp: 1287112

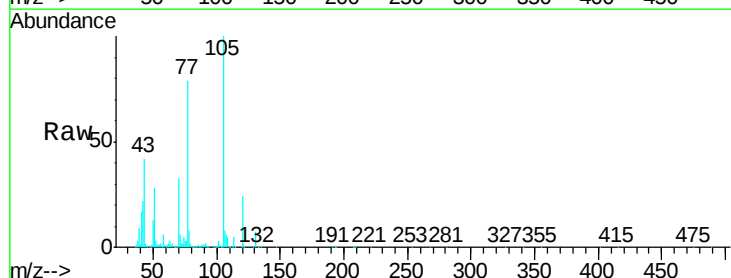
Ion Ratio Lower Upper

105 100

71 5.9 3.9 5.9#

51 28.2 23.0 34.4

120 23.6 19.1 28.7

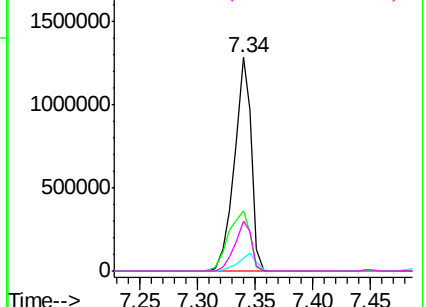
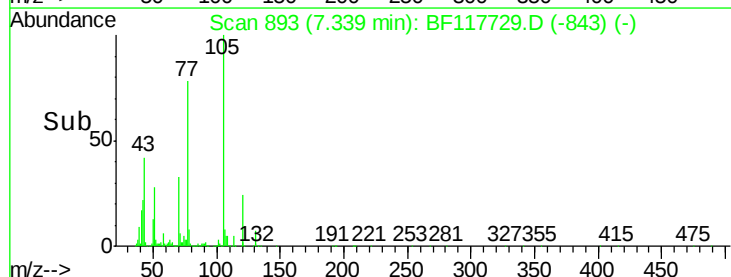


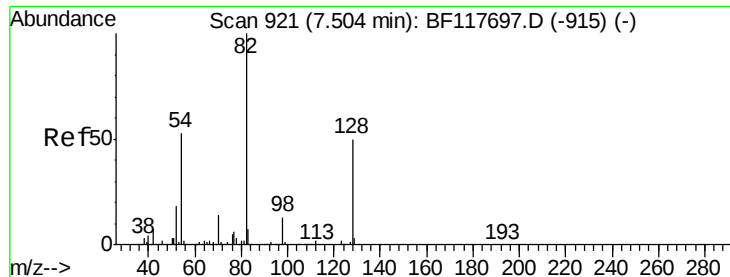
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

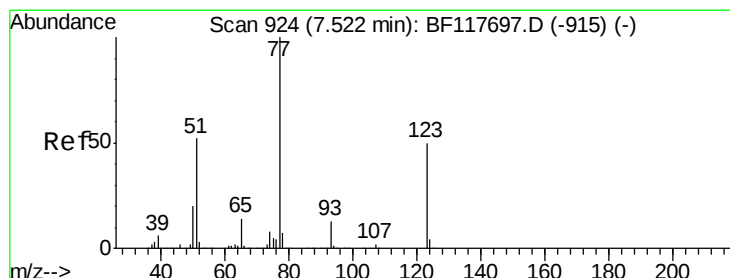
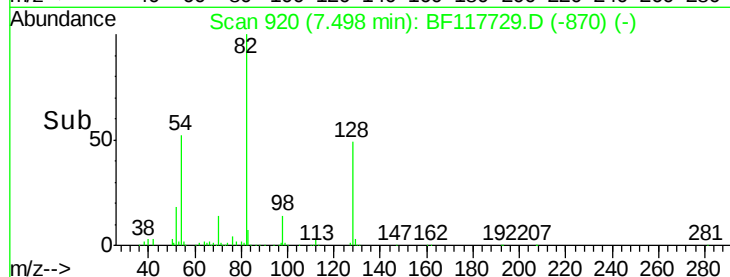
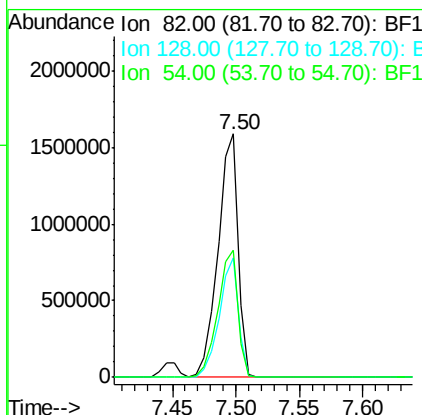
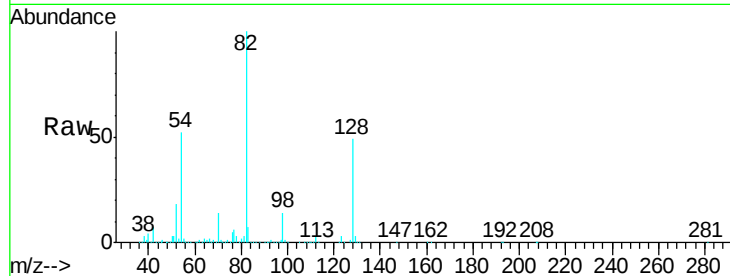




#23
 Nitrobenzene-d5
 Concen: 72.439 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

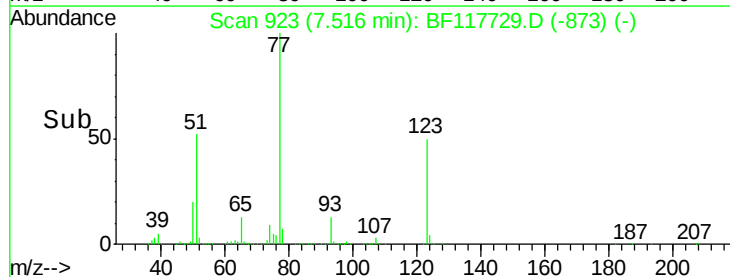
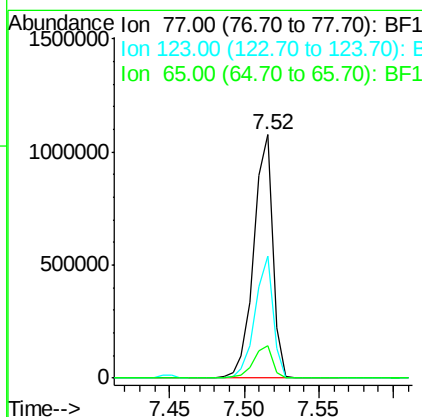
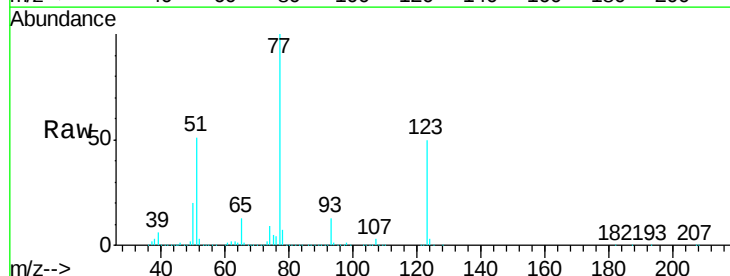
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

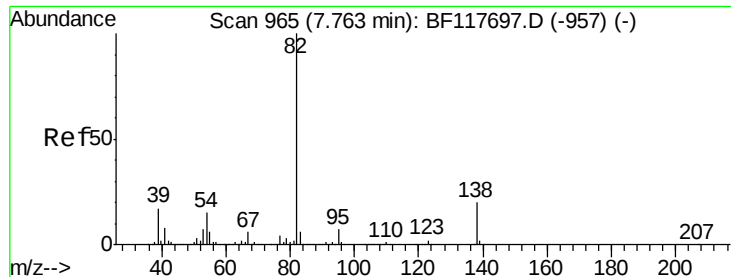
Tgt Ion: 82 Resp: 1758933
 Ion Ratio Lower Upper
 82 100
 128 49.1 40.2 60.2
 54 52.3 42.0 63.0



#24
 Nitrobenzene
 Concen: 37.103 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Tgt Ion: 77 Resp: 940764
 Ion Ratio Lower Upper
 77 100
 123 50.2 40.4 60.6
 65 13.2 10.8 16.2





#25

Isophorone

Concen: 37.759 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

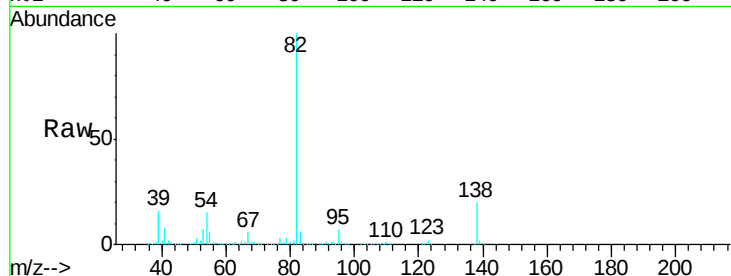
Tgt Ion: 82 Resp: 1753599

Ion Ratio Lower Upper

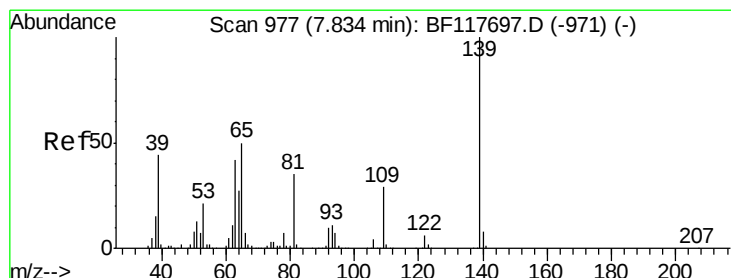
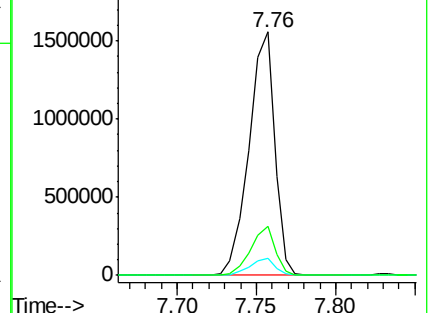
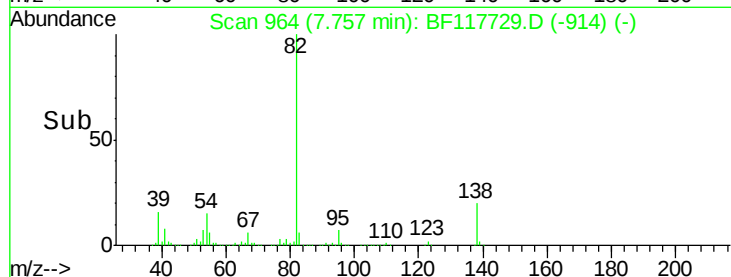
82 100

95 7.2 5.8 8.6

138 20.3 16.2 24.2



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: 35.481 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

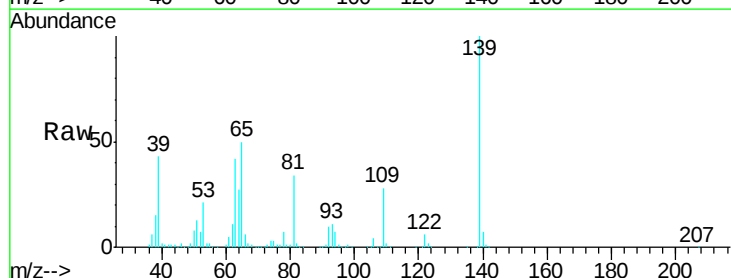
Tgt Ion: 139 Resp: 417658

Ion Ratio Lower Upper

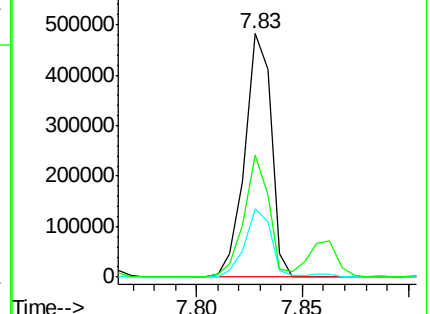
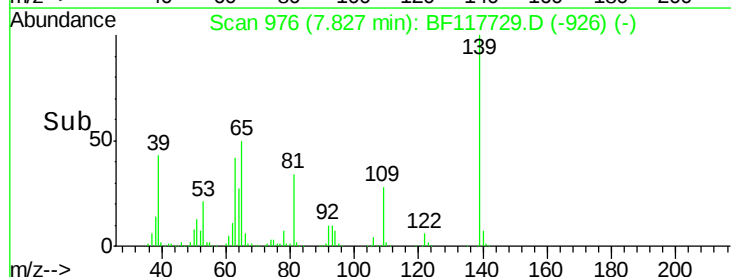
139 100

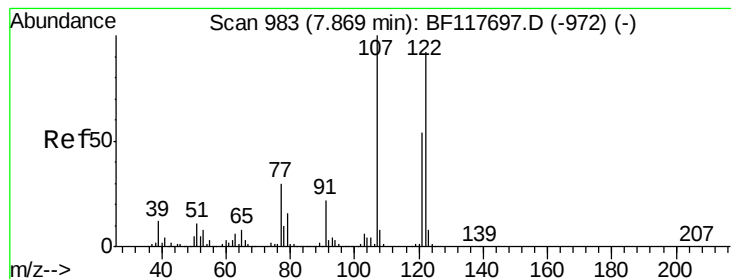
109 27.9 22.8 34.2

65 50.0 40.2 60.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.293 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

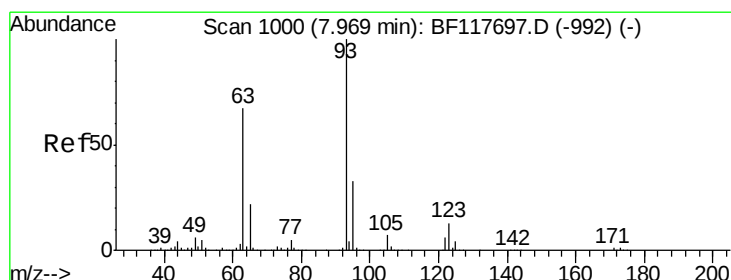
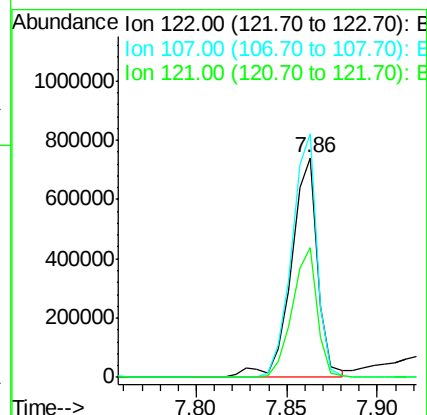
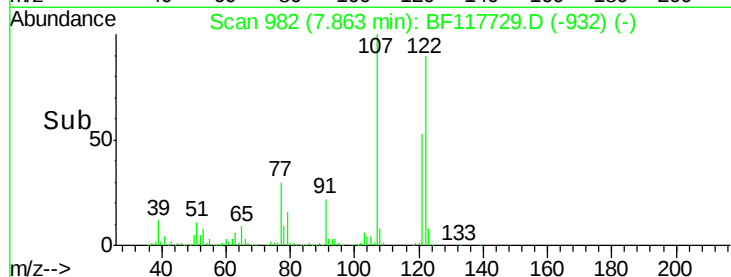
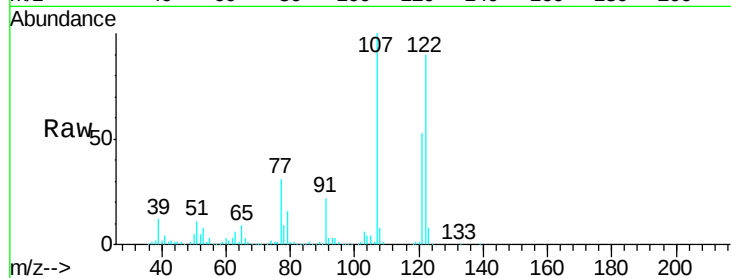
Tgt Ion:122 Resp: 760043

Ion Ratio Lower Upper

122 100

107 110.9 87.1 130.7

121 59.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.400 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

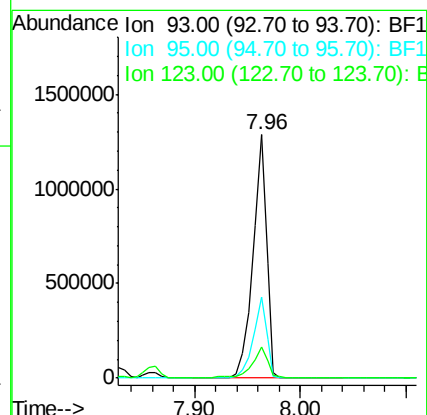
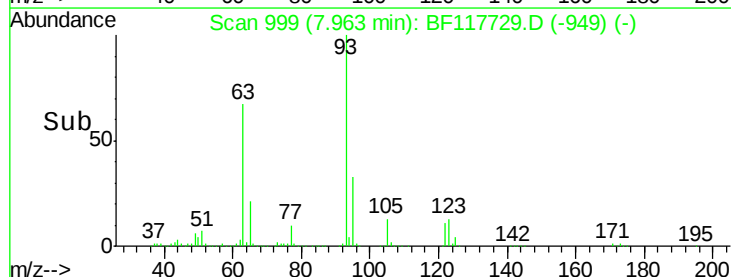
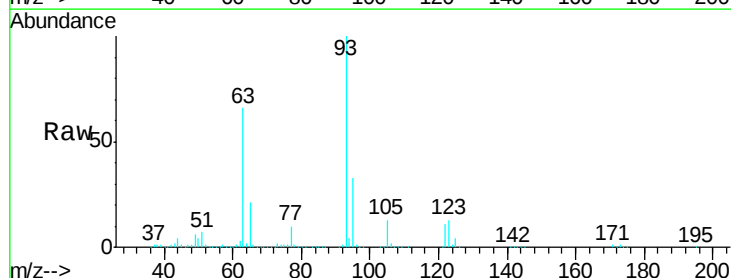
Tgt Ion: 93 Resp: 1144775

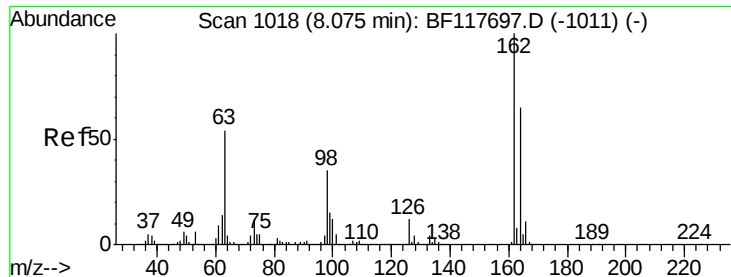
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 13.0 10.4 15.6

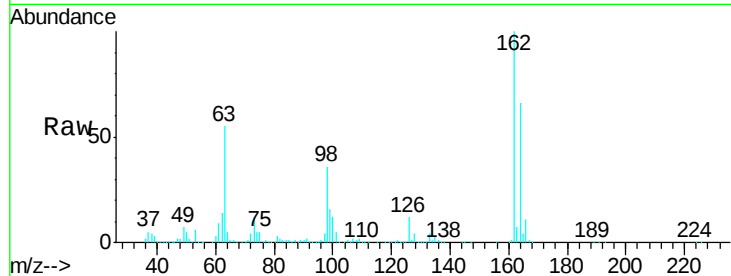




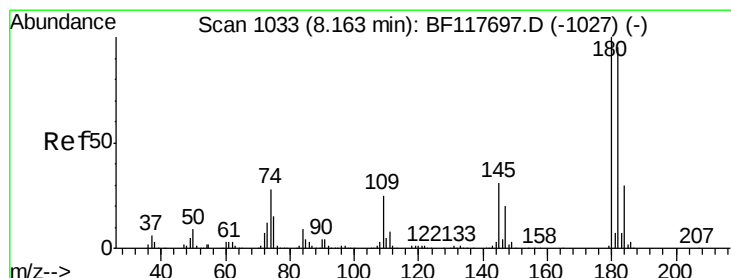
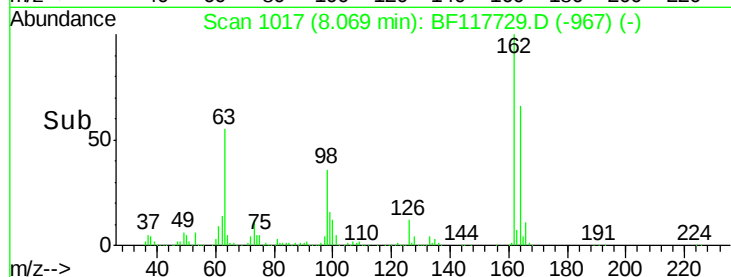
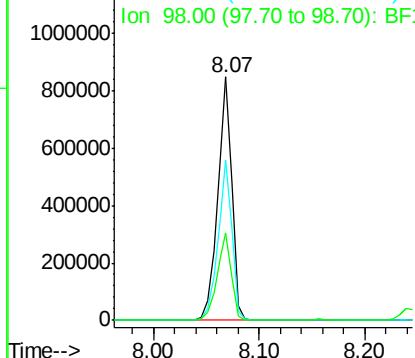
#29
2,4-Dichlorophenol
Concen: 39.531 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 808353
Ion Ratio Lower Upper
162 100
164 65.9 45.4 85.4
98 35.8 15.5 55.5

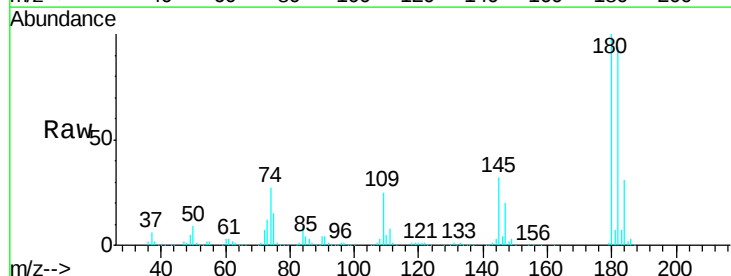


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

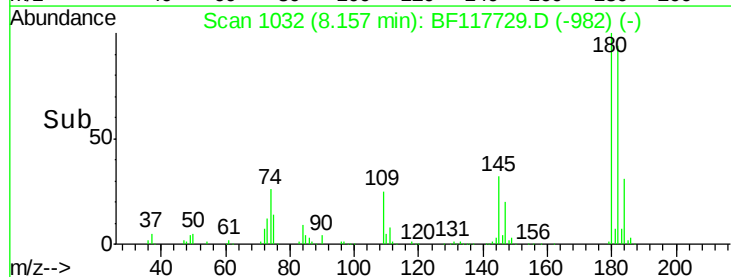
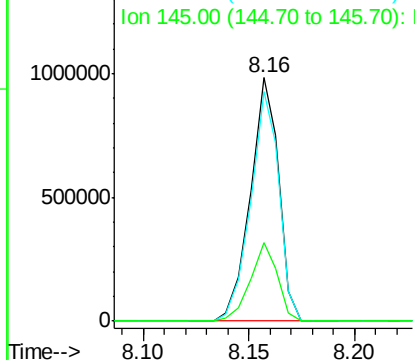


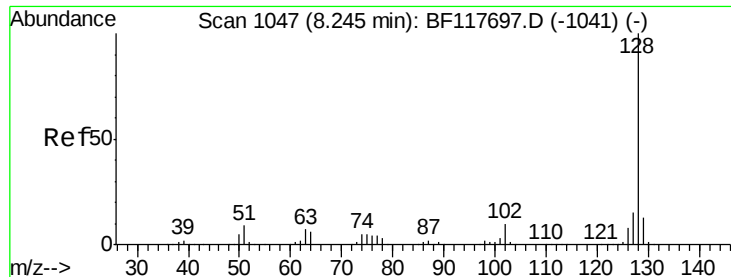
#30
1,2,4-Trichlorobenzene
Concen: 39.183 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:180 Resp: 917246
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 32.1 25.0 37.4



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

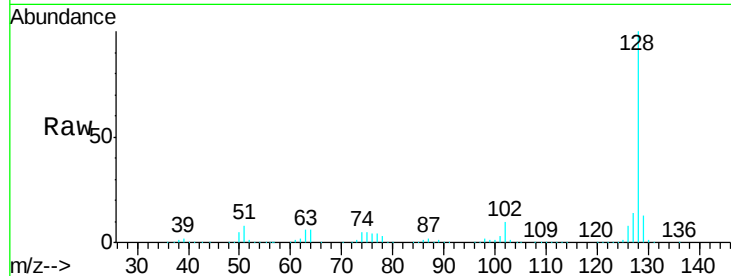




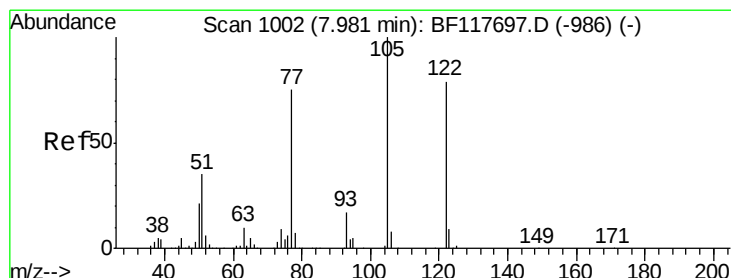
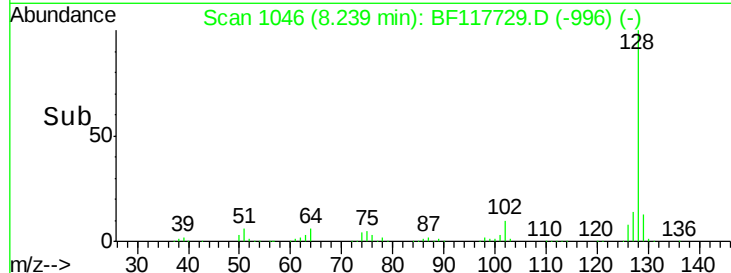
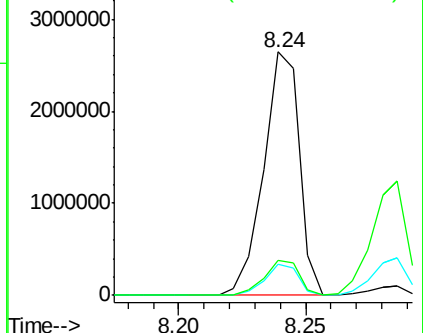
#31
Naphthalene
Concen: 40.030 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2622964
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.4 11.8 17.6

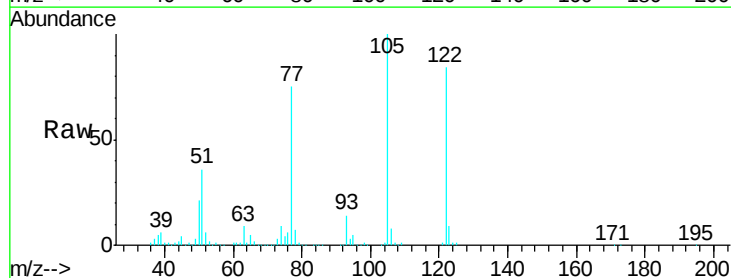


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

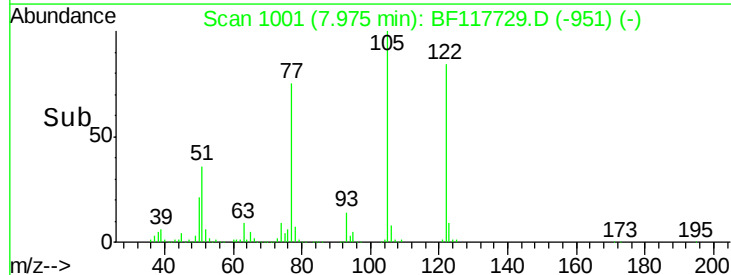
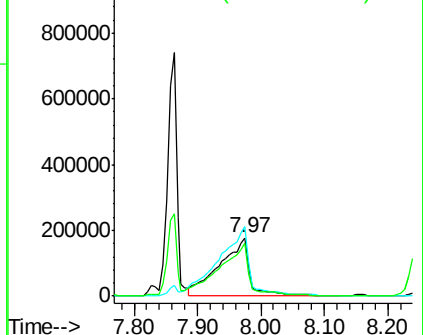


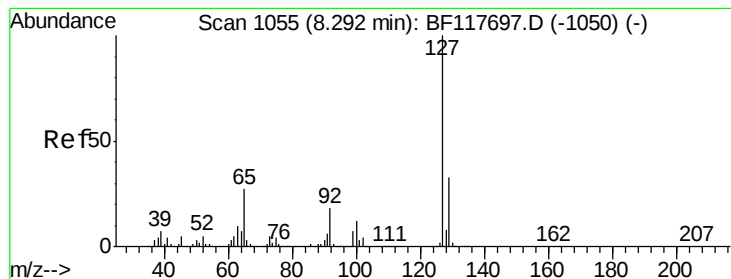
#32
Benzoic acid
Concen: 37.108 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:122 Resp: 583030
Ion Ratio Lower Upper
122 100
105 119.6 102.8 142.8
77 89.8 73.2 113.2



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





#33

4-Chloroaniline

Concen: 39.480 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1202042

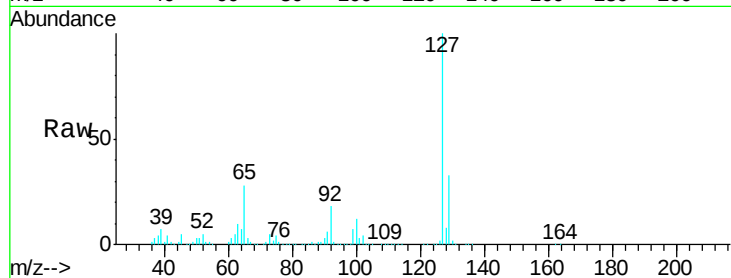
Ion Ratio Lower Upper

127 100

129 32.9 26.6 39.8

65 27.7 21.7 32.5

92 17.9 14.1 21.1

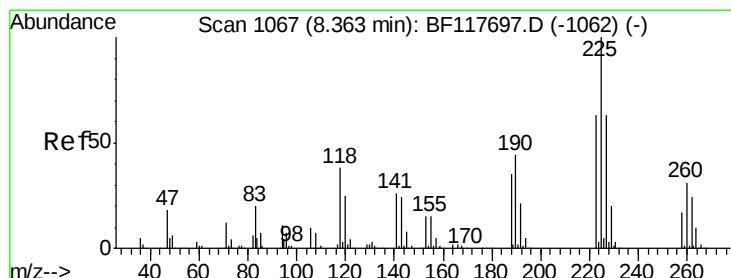
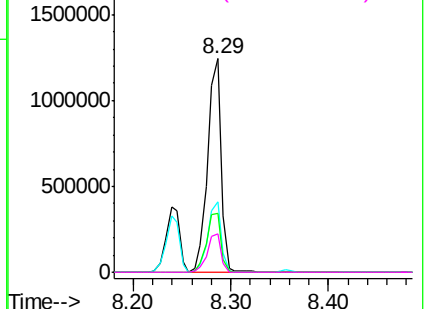
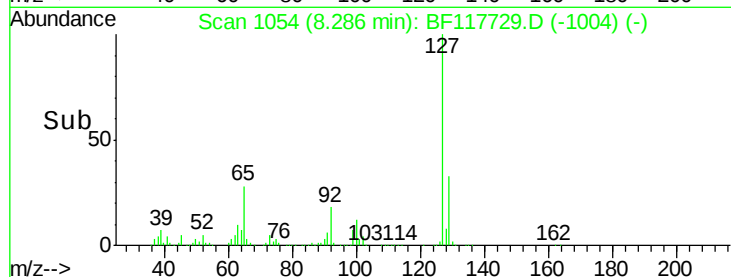


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.182 ng

RT: 8.36 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

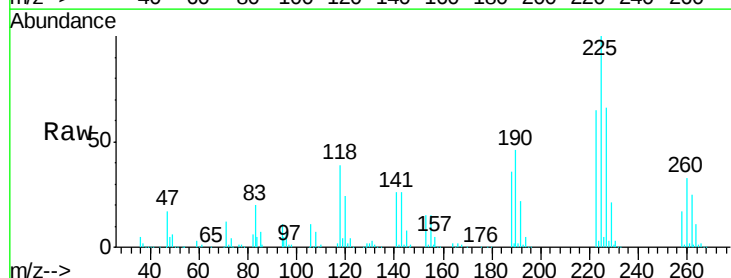
Tgt Ion:225 Resp: 525248

Ion Ratio Lower Upper

225 100

223 65.2 50.1 75.1

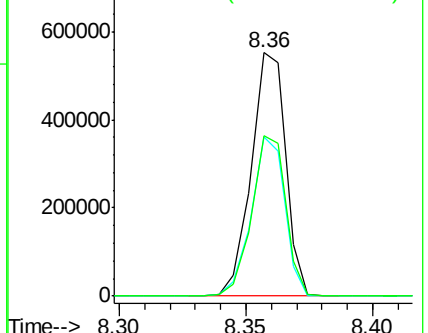
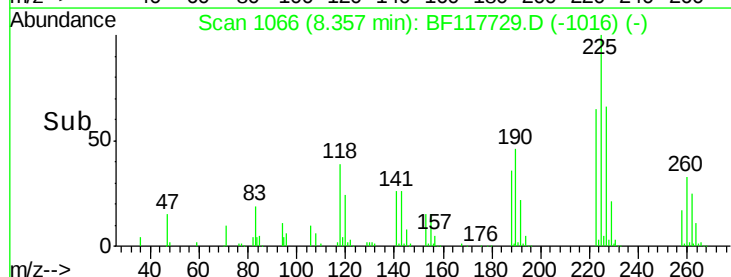
227 65.7 50.2 75.4

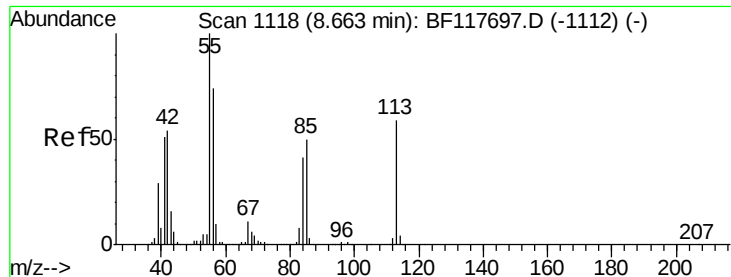


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.211 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

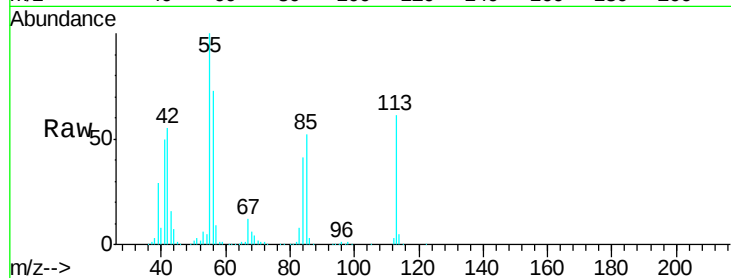
Tgt Ion:113 Resp: 265759

Ion Ratio Lower Upper

113 100

55 163.9 150.5 190.5

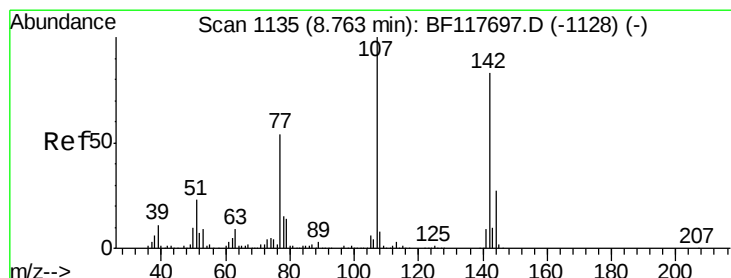
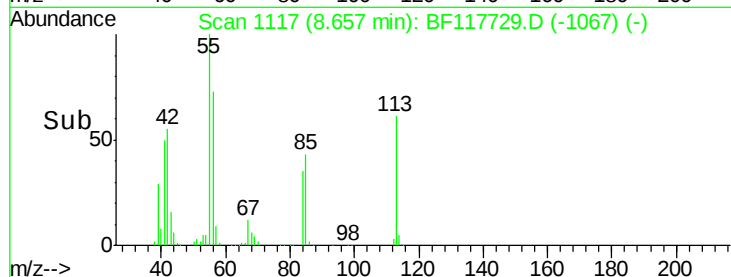
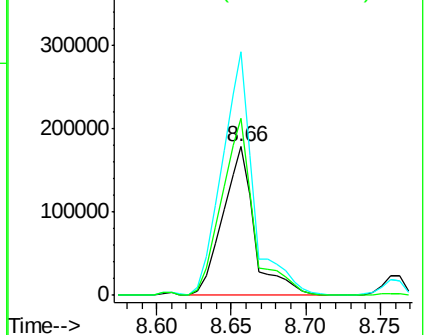
56 119.5 106.2 146.2



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: 39.405 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

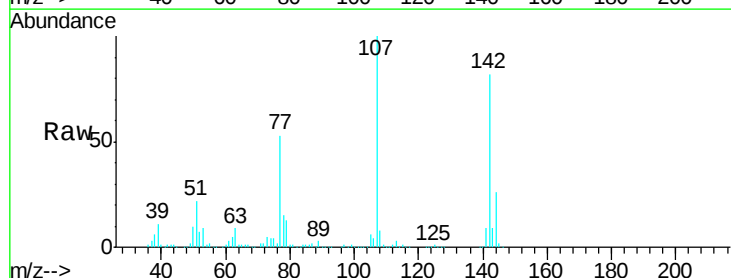
Tgt Ion:107 Resp: 813093

Ion Ratio Lower Upper

107 100

144 26.5 21.5 32.3

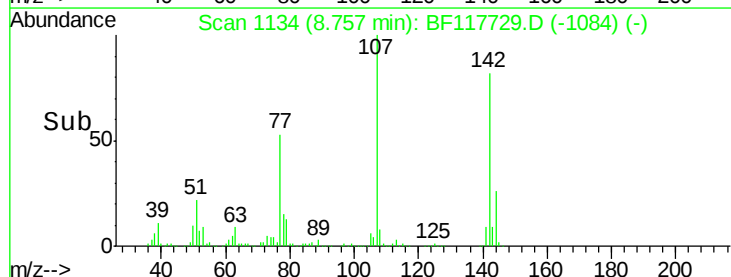
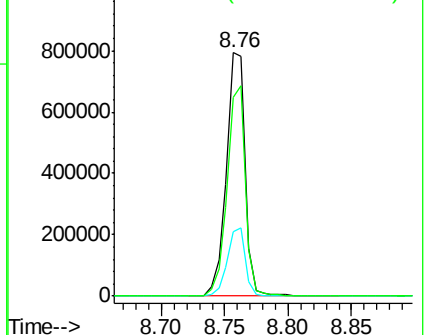
142 81.9 66.7 100.1

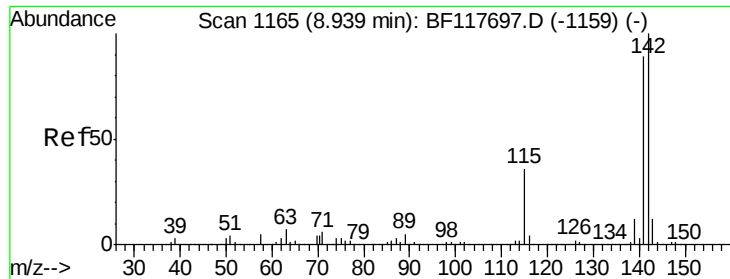


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

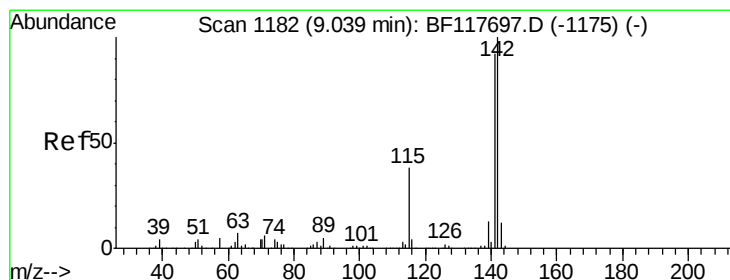
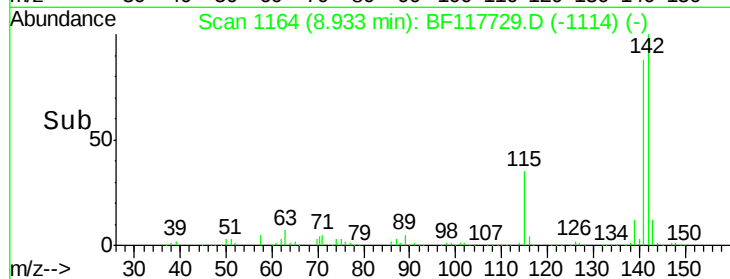
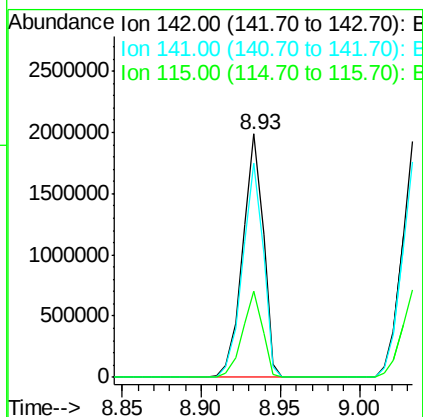
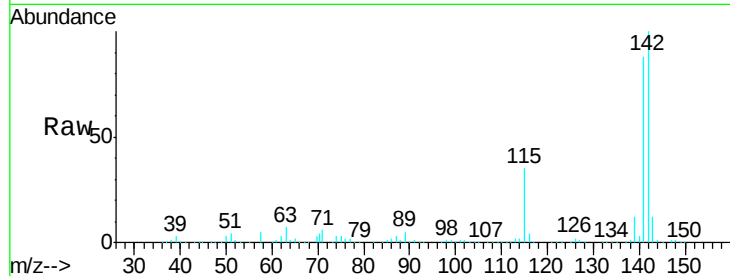




#37
 2-Methylnaphthalene
 Concen: 40.074 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

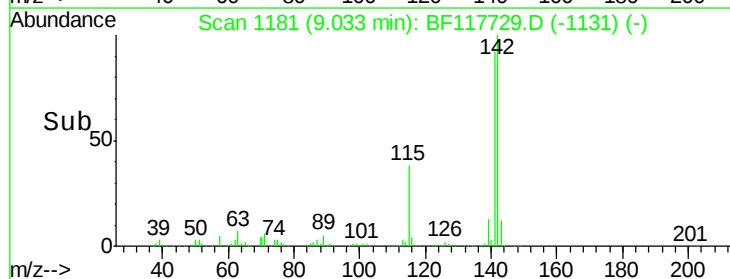
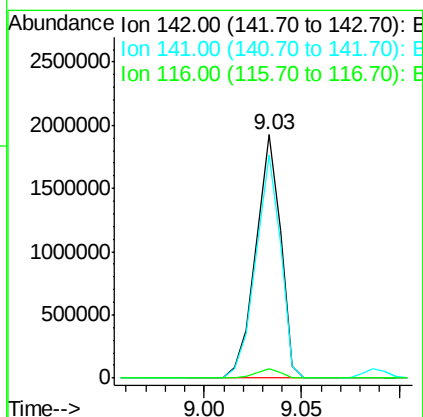
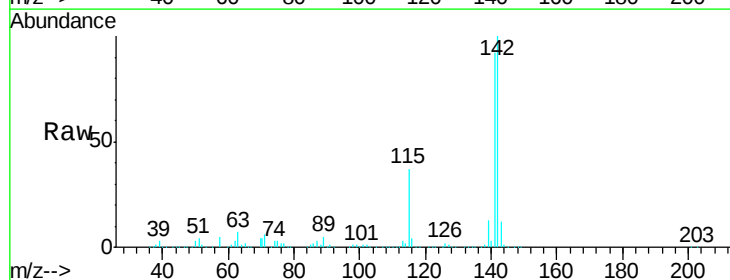
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

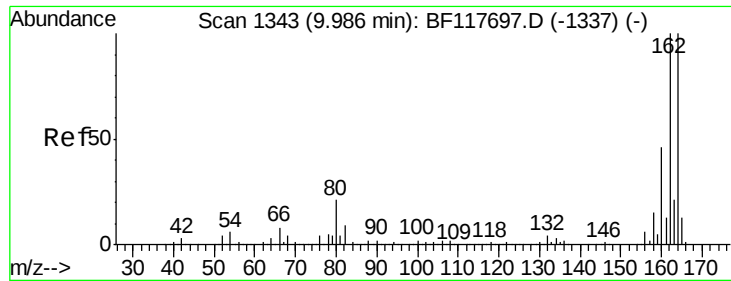
Tgt Ion:142 Resp: 1787656
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.5 107.3
 115 35.4 28.9 43.3



#38
 1-Methylnaphthalene
 Concen: 40.181 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Tgt Ion:142 Resp: 1702136
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.3 109.9
 116 4.0 3.2 4.8

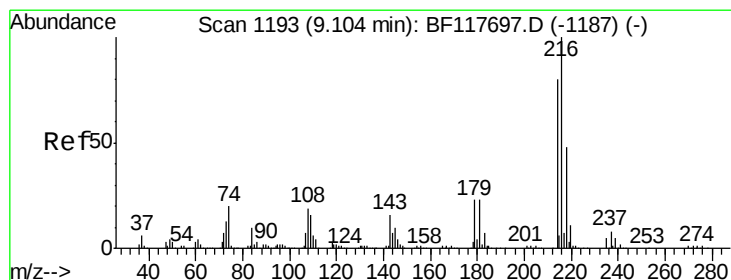
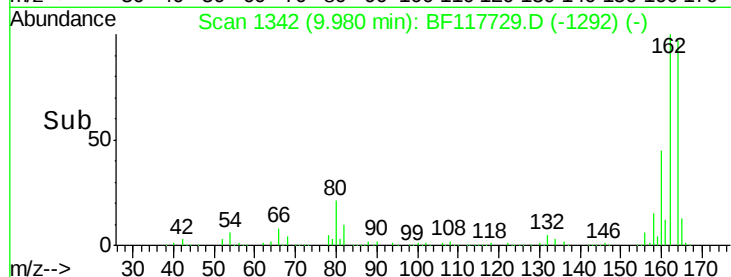
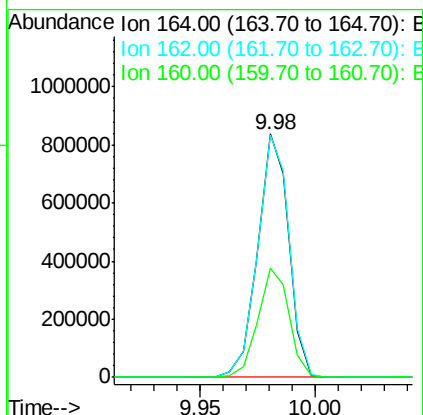
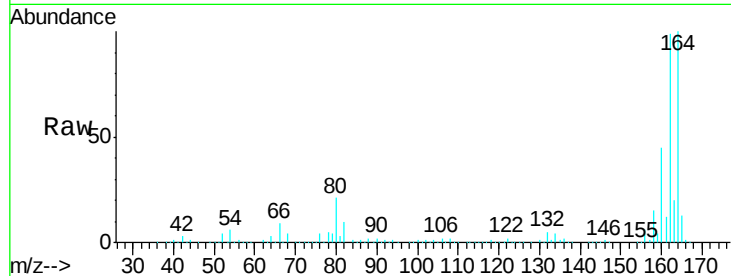




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

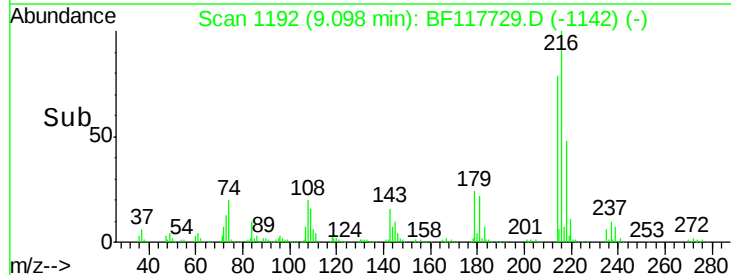
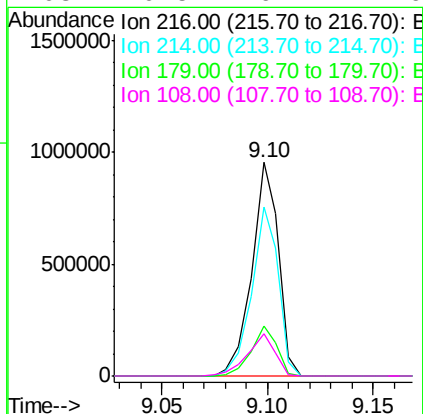
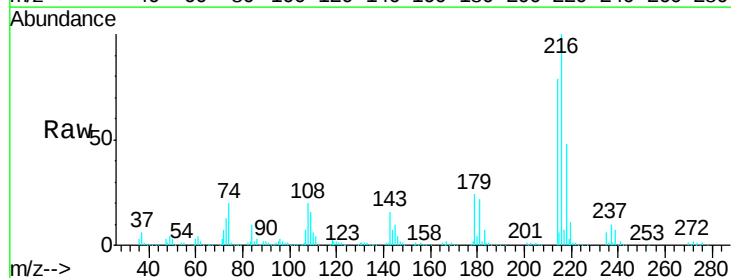
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

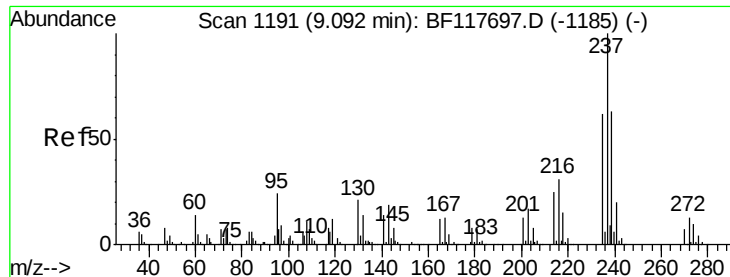
Tgt Ion:164 Resp: 779605
Ion Ratio Lower Upper
164 100
162 99.5 79.7 119.5
160 44.6 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.287 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:216 Resp: 837905
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 22.7 18.1 27.1
108 20.5 16.4 24.6

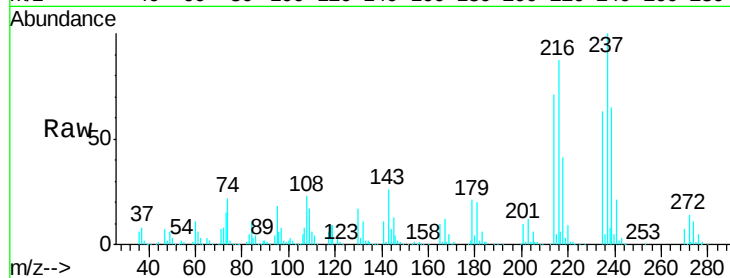




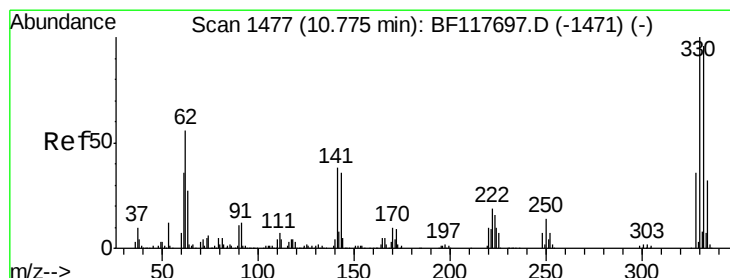
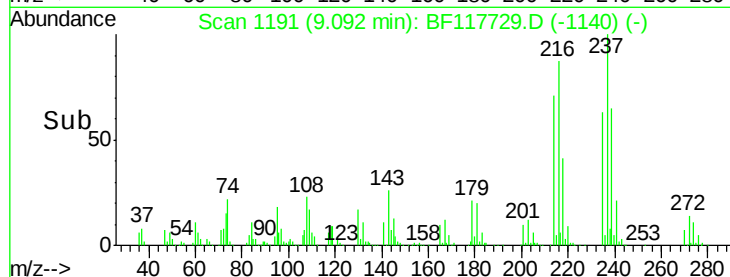
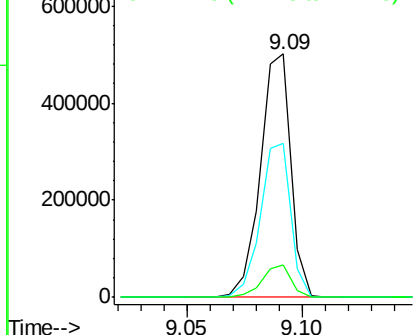
#41
Hexachlorocyclopentadiene
Concen: 40.170 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 462199
Ion Ratio Lower Upper
237 100
235 63.1 42.2 82.2
272 13.5 0.0 32.8

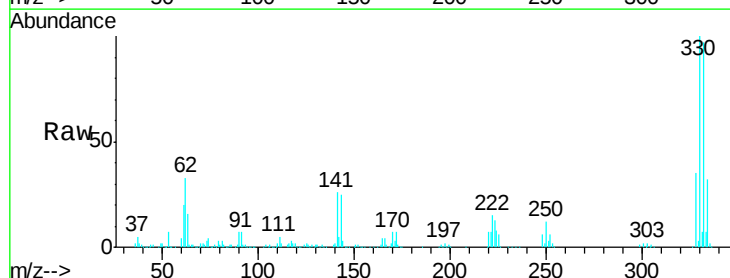


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

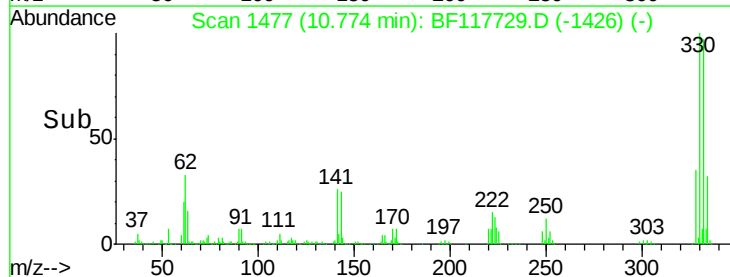
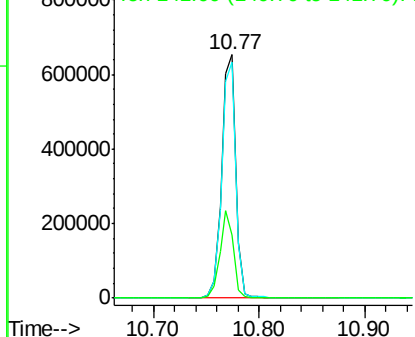


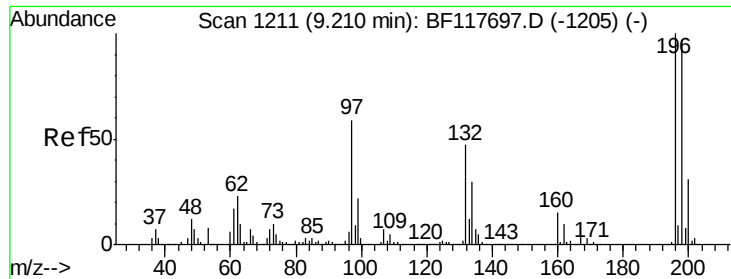
#42
2,4,6-Tribromophenol
Concen: 80.621 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion: 330 Resp: 614840
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 34.3 28.0 42.0



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

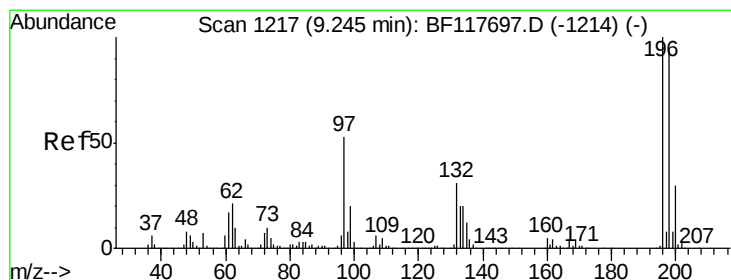
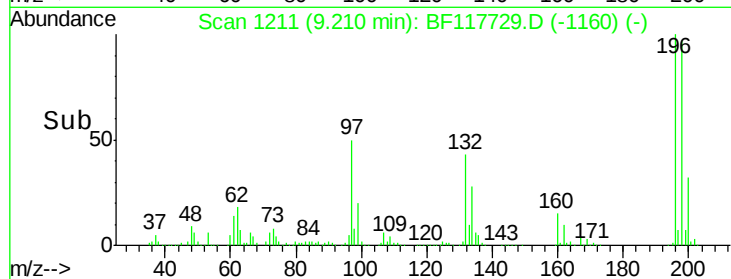
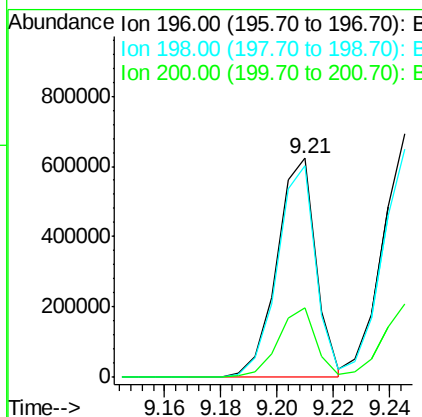
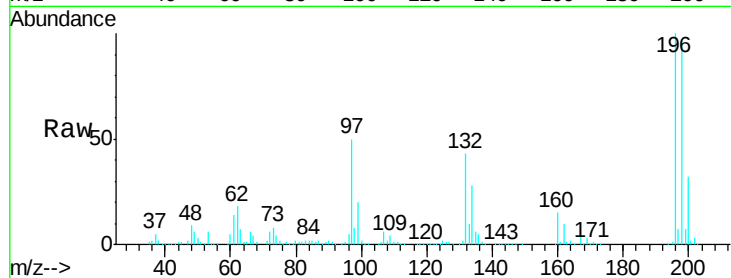




#43
 2,4,6-Trichlorophenol
 Concen: 38.484 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

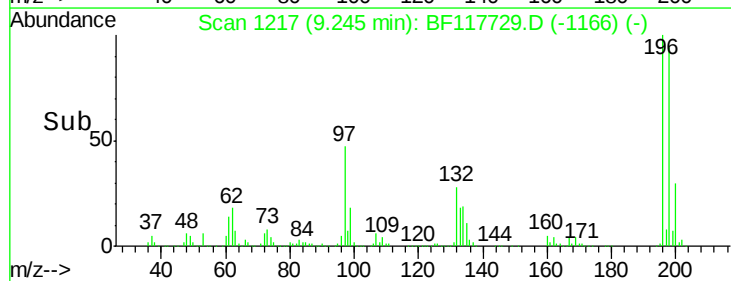
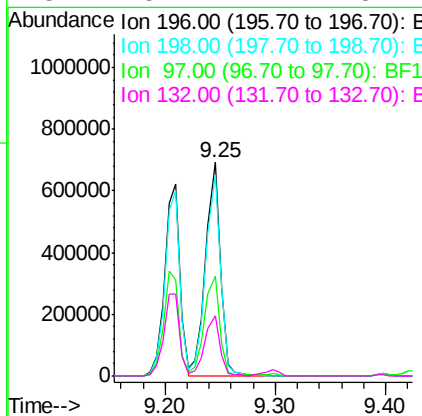
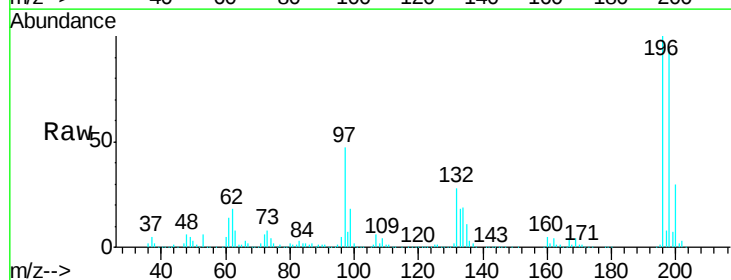
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

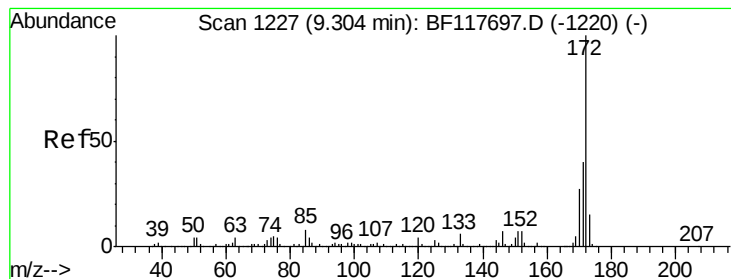
Tgt Ion:196 Resp: 597786
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.8 116.6
 200 31.8 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.592 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Tgt Ion:196 Resp: 623381
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.4 113.0
 97 47.0 42.5 63.7
 132 28.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 84.193 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

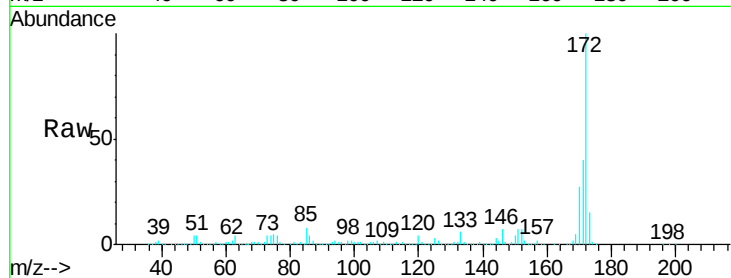
Tgt Ion:172 Resp: 3326744

Ion Ratio Lower Upper

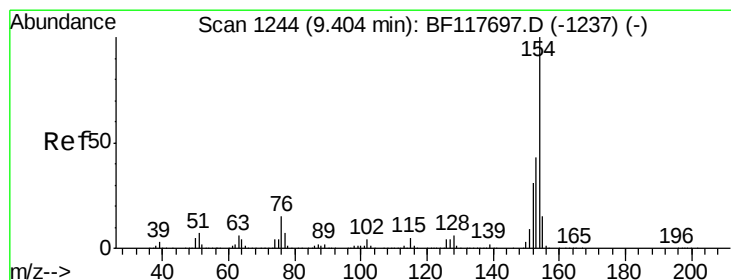
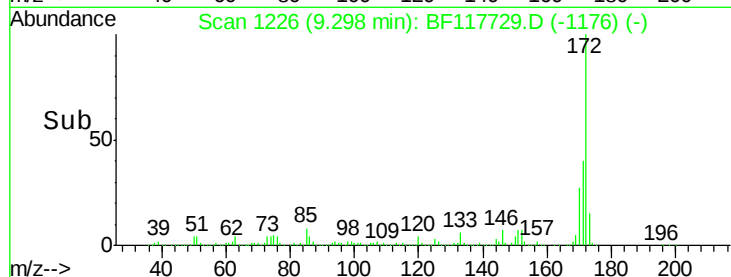
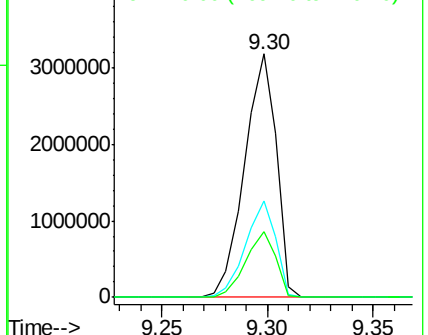
172 100

171 39.7 31.8 47.8

170 27.2 21.6 32.4



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



#46

1,1'-Biphenyl

Concen: 39.975 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

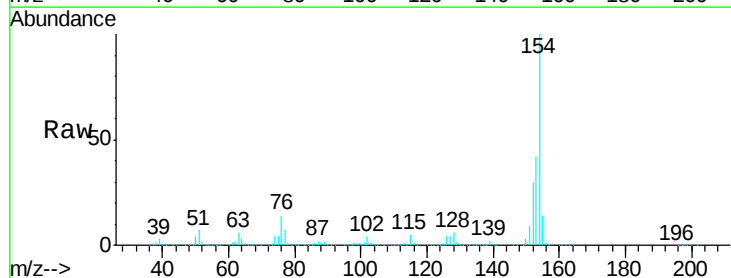
Tgt Ion:154 Resp: 2182624

Ion Ratio Lower Upper

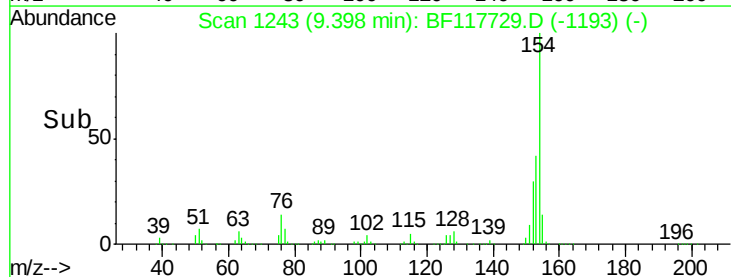
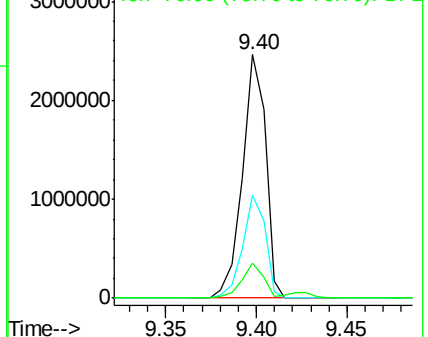
154 100

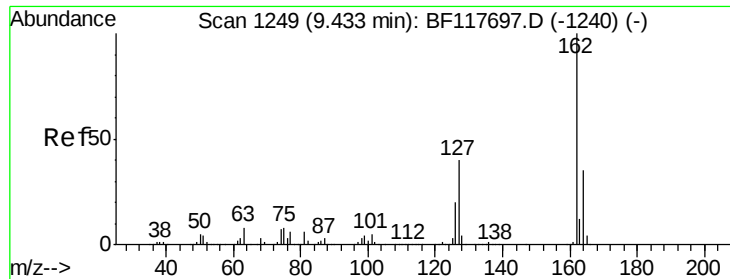
153 42.4 23.2 63.2

76 14.4 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

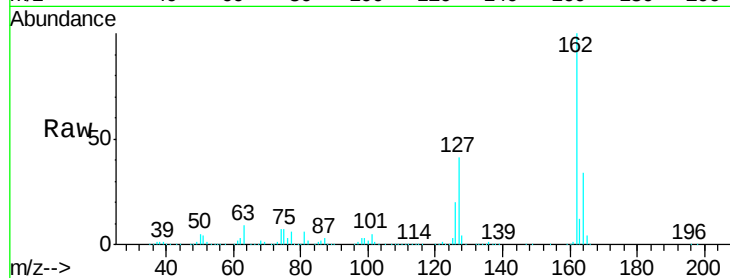




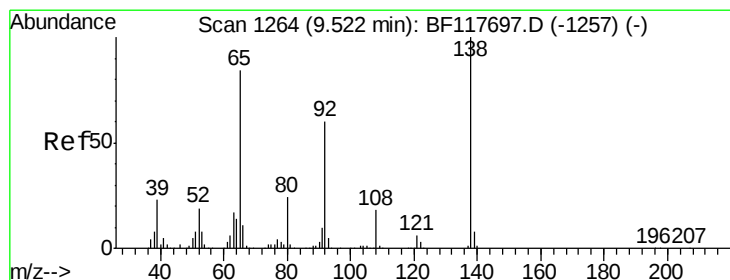
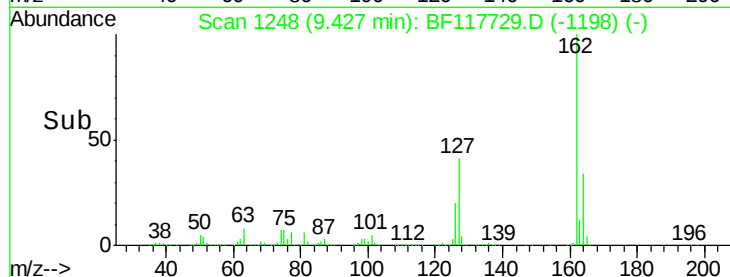
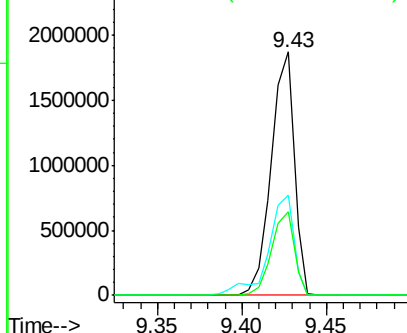
#47
 2-Chloronaphthalene
 Concen: 39.241 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 1778056
 Ion Ratio Lower Upper
 162 100
 127 41.4 32.2 48.4
 164 34.4 28.1 42.1

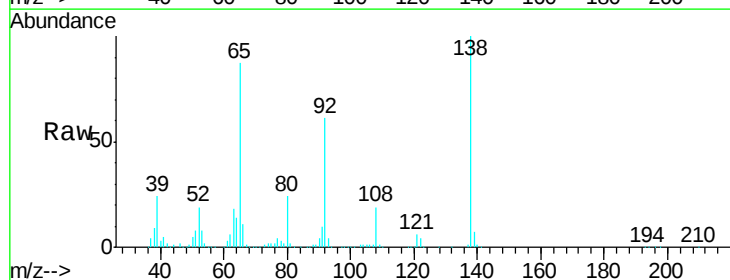


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

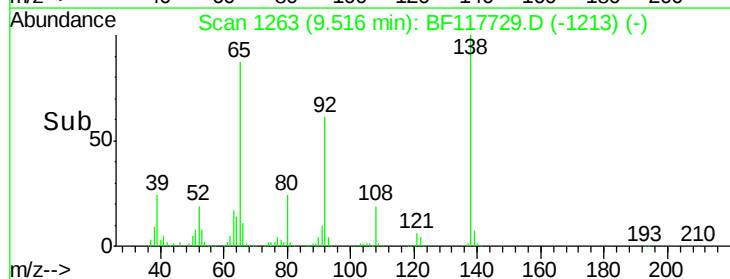
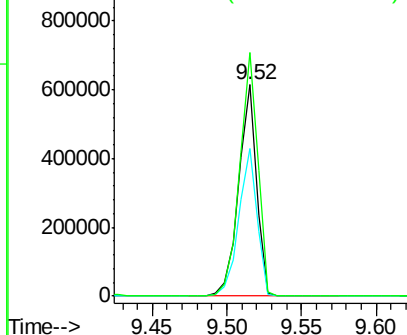


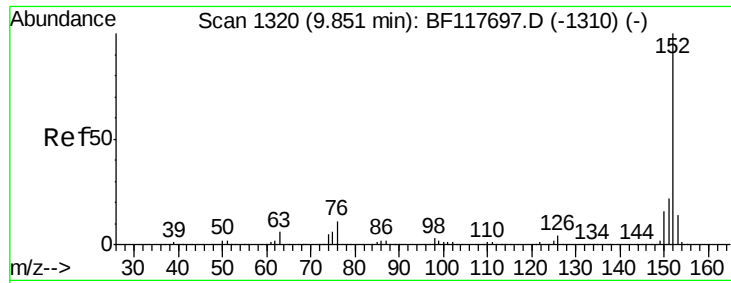
#48
 2-Nitroaniline
 Concen: 36.483 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Tgt Ion: 65 Resp: 518034
 Ion Ratio Lower Upper
 65 100
 92 70.0 57.3 85.9
 138 115.3 95.0 142.6



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: 39.790 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

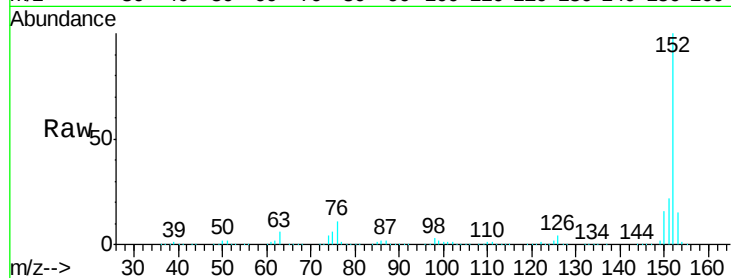
Tgt Ion:152 Resp: 2625610

Ion Ratio Lower Upper

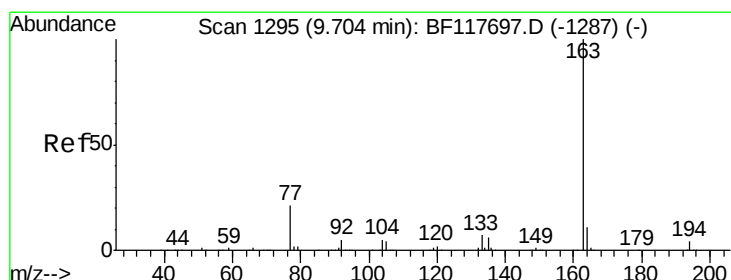
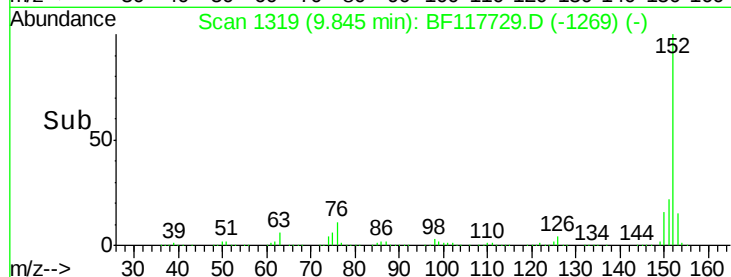
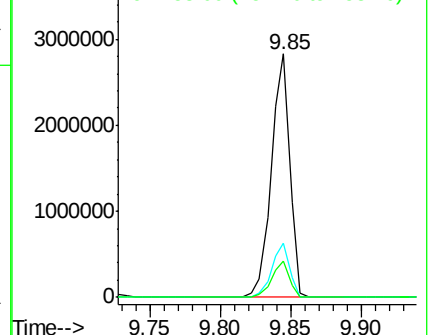
152 100

151 22.5 17.8 26.6

153 14.7 11.5 17.3



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



#50

Dimethylphthalate

Concen: 39.048 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

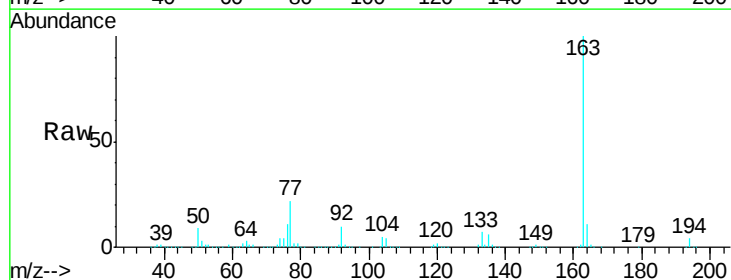
Tgt Ion:163 Resp: 2057981

Ion Ratio Lower Upper

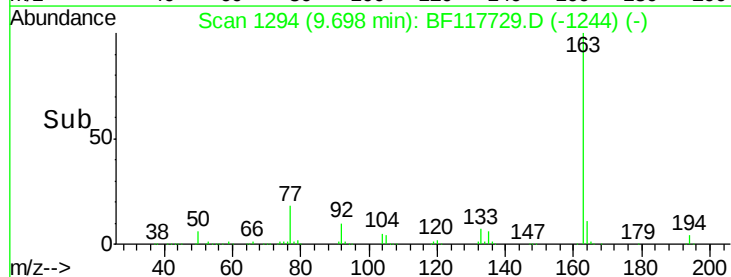
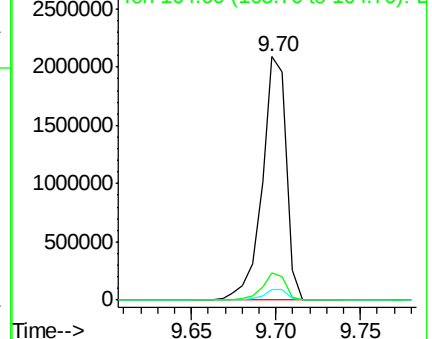
163 100

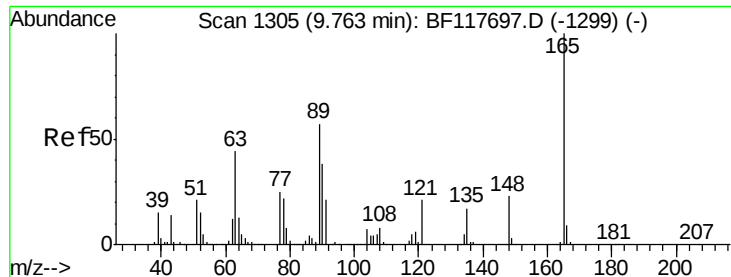
194 4.3 3.4 5.0

164 11.3 8.9 13.3



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

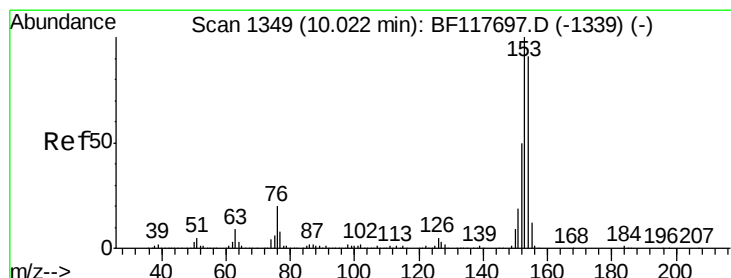
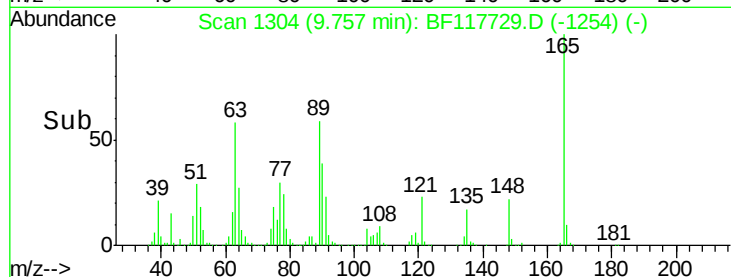
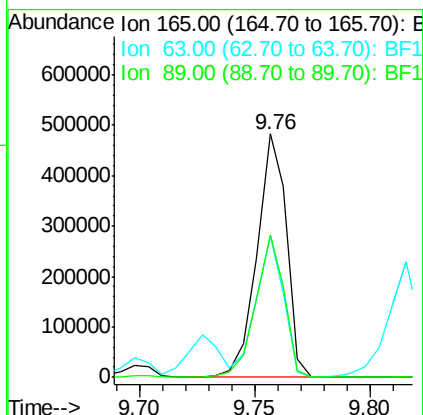
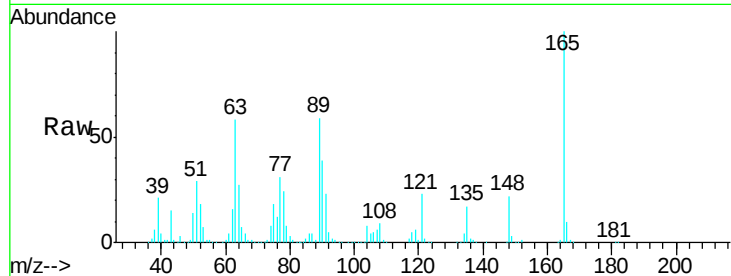




#51
 2,6-Dinitrotoluene
 Concen: 36.312 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

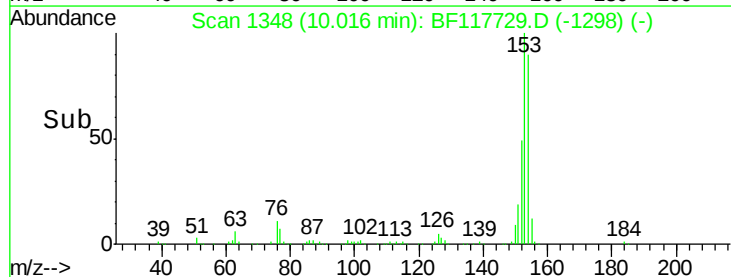
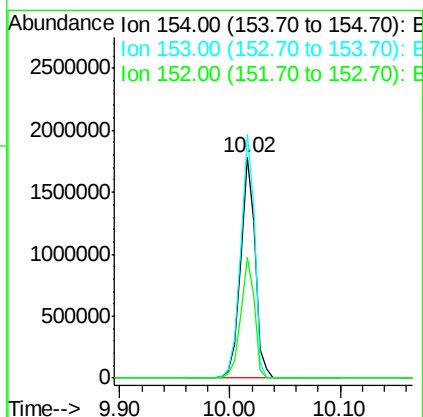
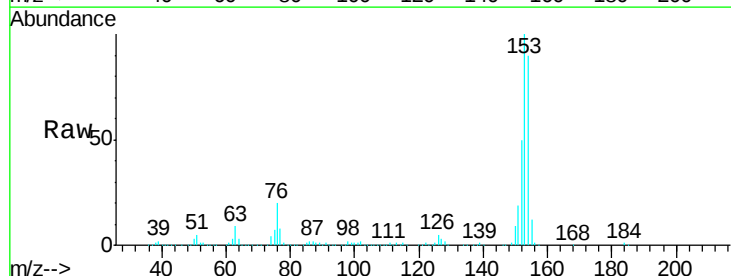
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

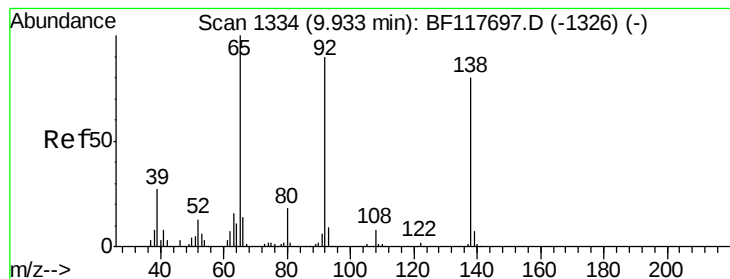
Tgt Ion:165 Resp: 428538
 Ion Ratio Lower Upper
 165 100
 63 58.1 45.6 68.4
 89 58.7 45.8 68.6



#52
 Acenaphthene
 Concen: 38.650 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF117729.D
 Acq: 8 Nov 2019 13:51

Tgt Ion:154 Resp: 1645703
 Ion Ratio Lower Upper
 154 100
 153 110.6 87.8 131.6
 152 55.1 43.5 65.3





#53

3-Nitroaniline

Concen: 37.518 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

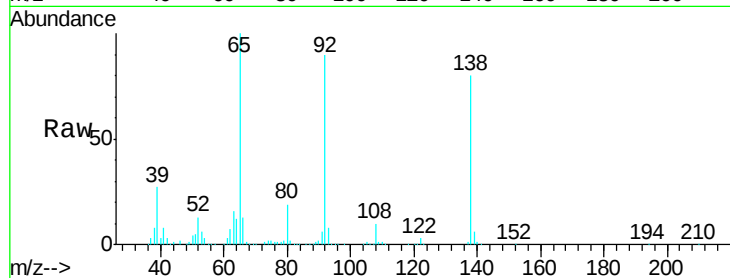
Tgt Ion:138 Resp: 534179

Ion Ratio Lower Upper

138 100

108 12.3 8.5 12.7

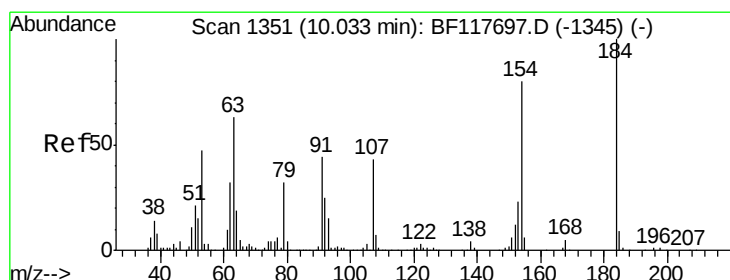
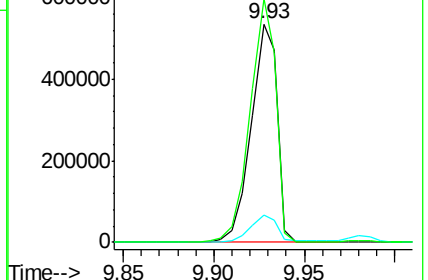
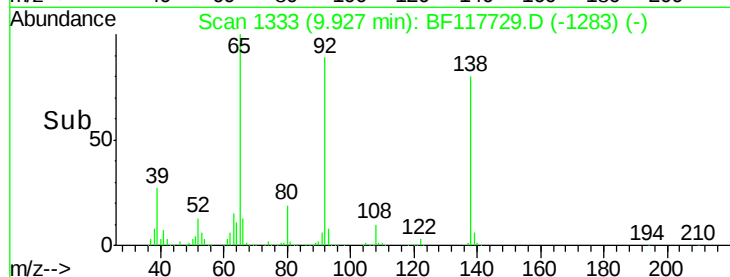
92 111.4 89.8 134.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 37.763 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF117729.D

Acq: 8 Nov 2019 13:51

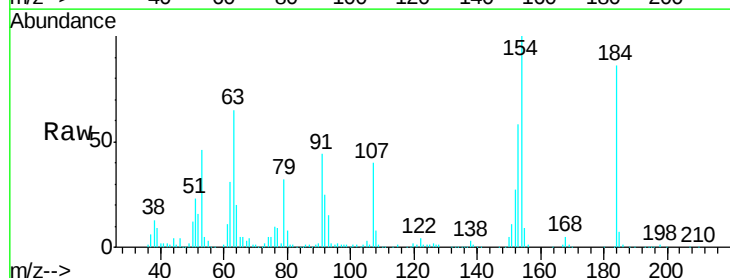
Tgt Ion:184 Resp: 152787

Ion Ratio Lower Upper

184 100

63 75.0 51.4 77.0

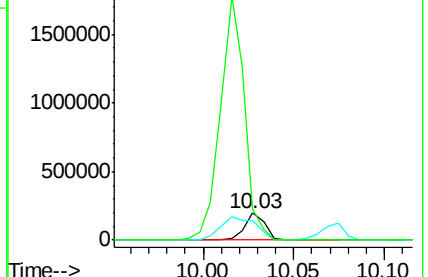
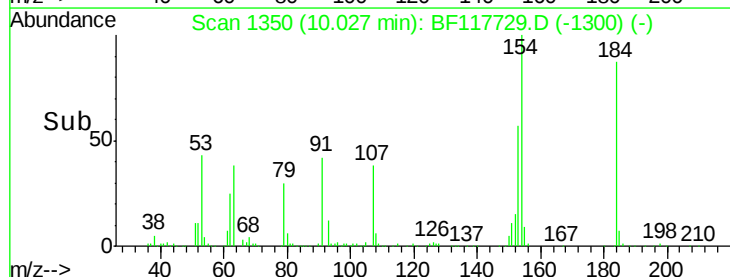
154 115.8 70.2 105.2#

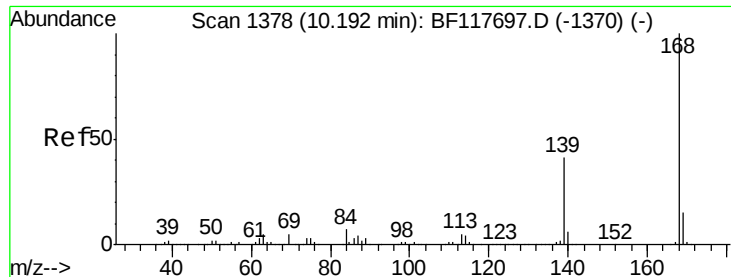


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

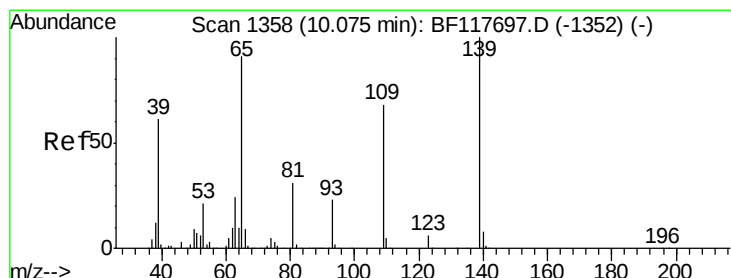
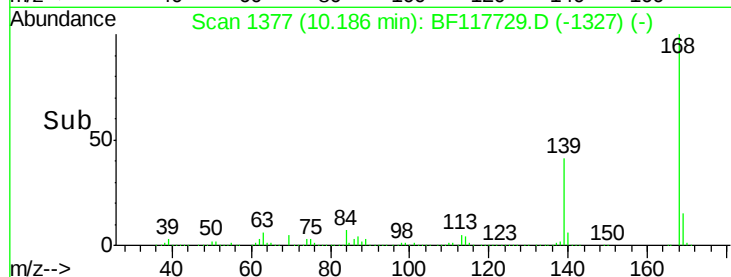
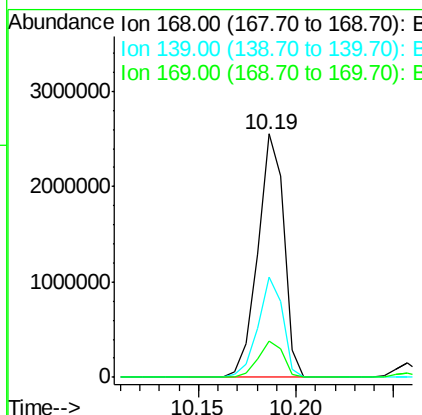
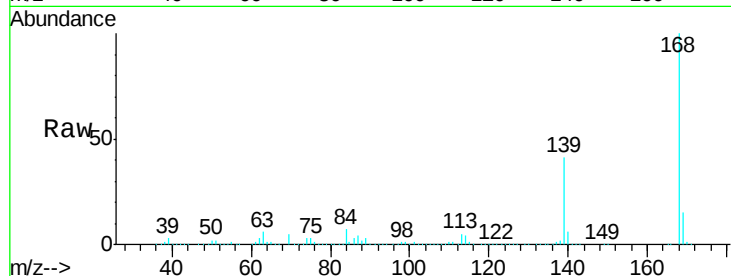




#55
Dibenzenofuran
Concen: 39.535 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

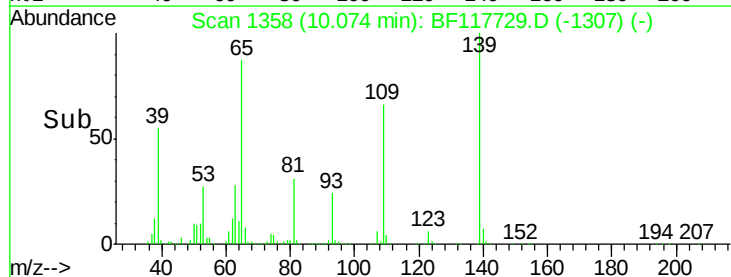
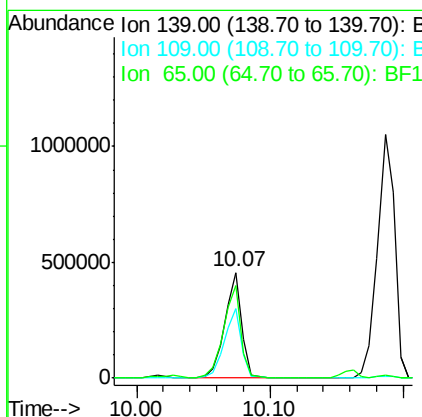
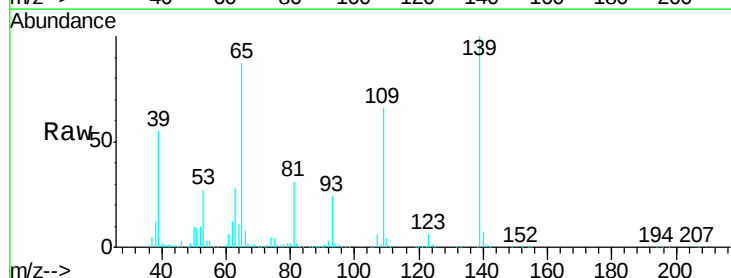
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

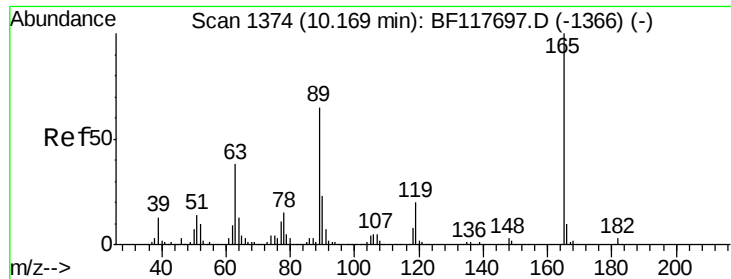
Tgt Ion:168 Resp: 2355559
Ion Ratio Lower Upper
168 100
139 41.2 33.2 49.8
169 15.1 11.7 17.5



#56
4-Nitrophenol
Concen: 38.281 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion:139 Resp: 409903
Ion Ratio Lower Upper
139 100
109 66.4 47.7 87.7
65 87.4 71.9 111.9

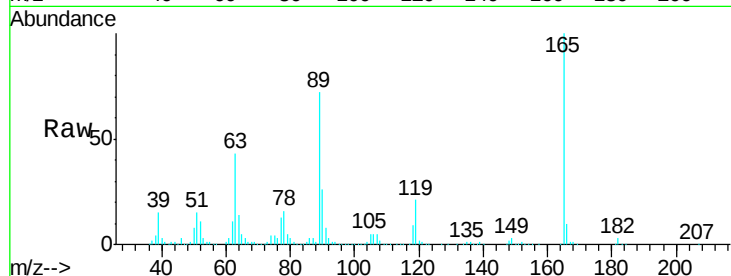




#57
2,4-Dinitrotoluene
Concen: 35.415 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	30.4	45.6
89	72.1	52.2	78.4
182	3.0	2.3	3.5

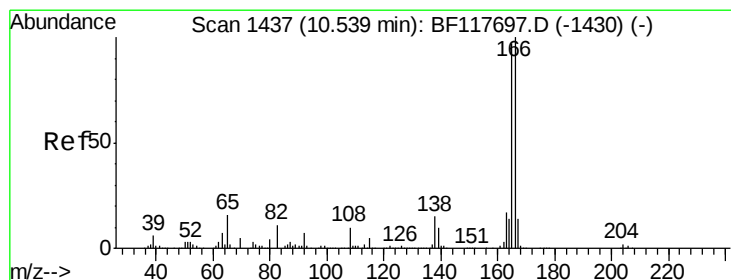
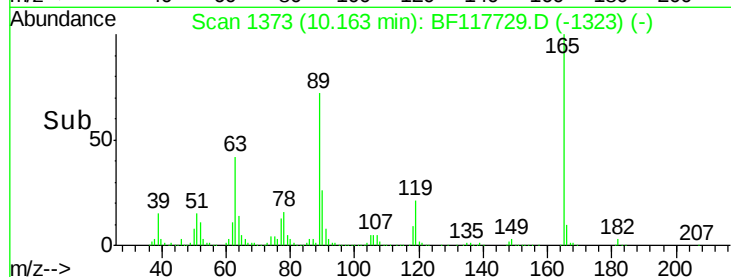
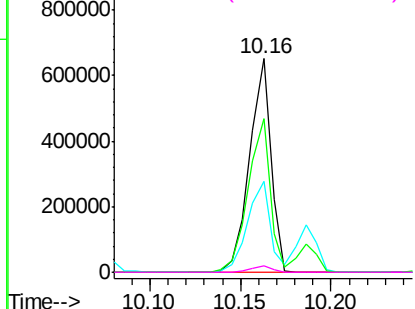


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

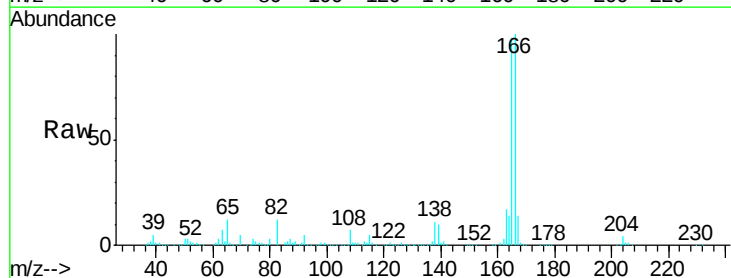
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.726 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117729.D
Acq: 8 Nov 2019 13:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.4	116.0
167	13.8	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

