

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117865.D
 Acq On : 19 Nov 2019 17:52
 Operator : JU
 Sample : K5904-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:31:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	272215	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	1116690	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	575423	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	971124	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	641364	20.00	ng	-0.01
87) Perylene-d12	15.61	264	653297	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	839851	54.61	ng	0.00
7) Phenol-d6	6.53	99	1096458	59.11	ng	-0.01
23) Nitrobenzene-d5	7.47	82	654098	34.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	225786	37.06	ng	-0.02
45) 2-Fluorobiphenyl	9.28	172	1165980	36.35	ng	-0.01
79) Terphenyl-d14	13.04	244	1124073	32.03	ng	-0.01

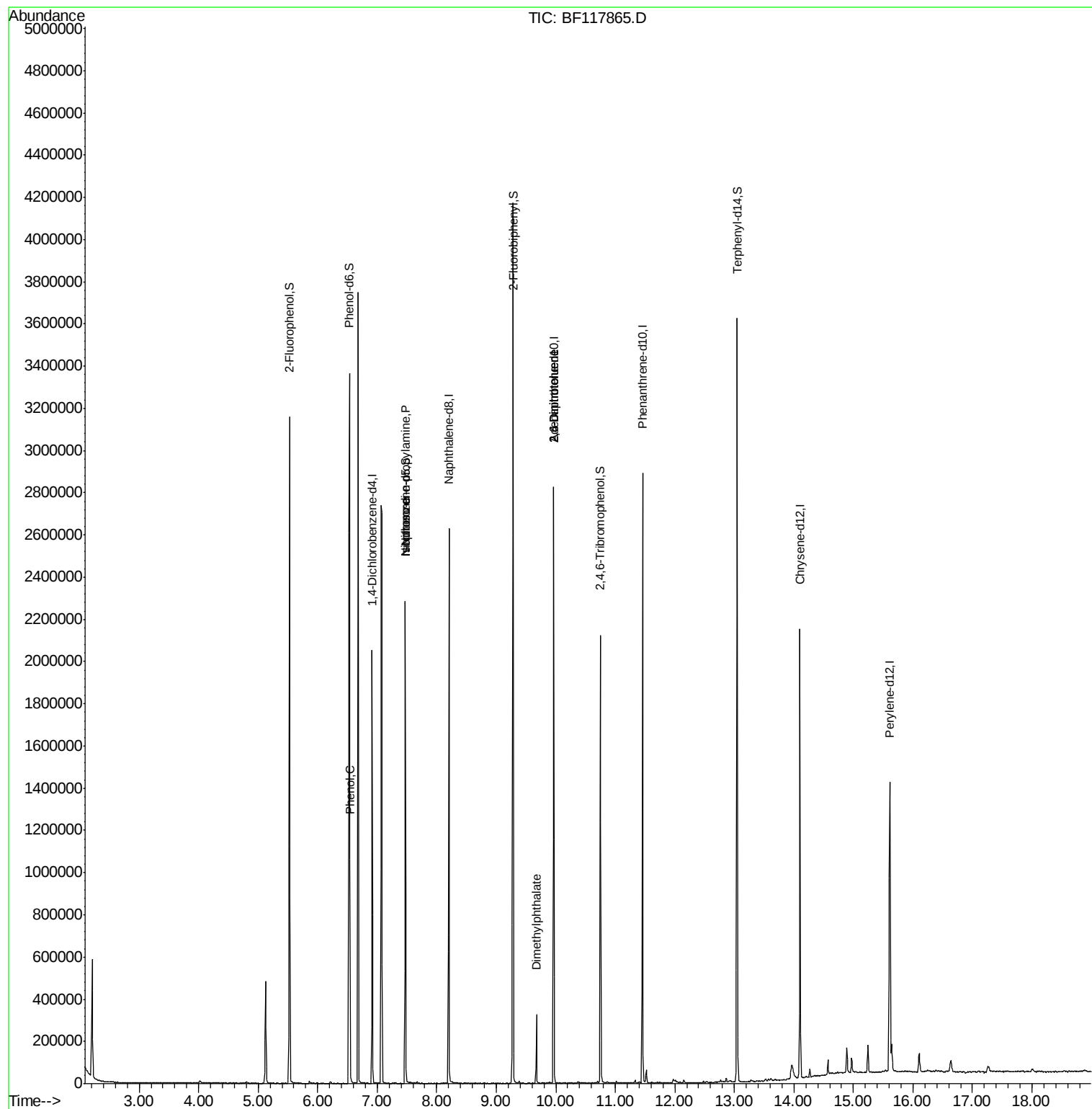
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2153	Below Cal		# 1
10) Phenol	6.55	94	46859	2.431	ng	96
19) n-Nitroso-di-n-propylamine	7.47	70	88246	7.712	ng	# 76
25) Isophorone	7.47	82	649923	18.877	ng	# 62
50) Dimethylphthalate	9.67	163	131358	3.255	ng	97
51) 2,6-Dinitrotoluene	9.96	165	75907	8.607	ng	# 23
57) 2,4-Dinitrotoluene	9.96	165	75907	6.766	ng	# 24
75) Fluoranthene	12.67	202	1242	Below Cal		63

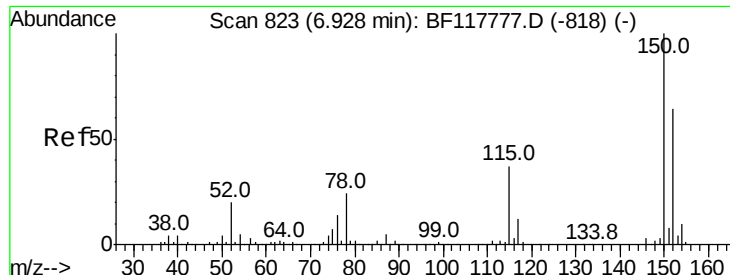
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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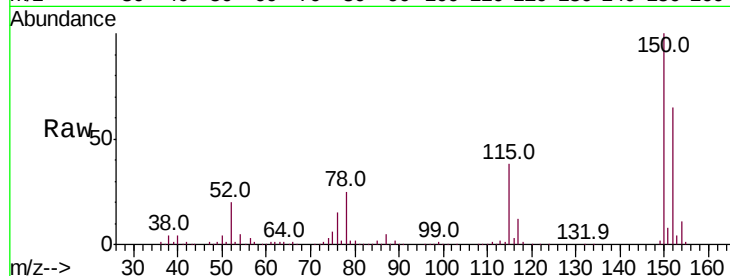


#1

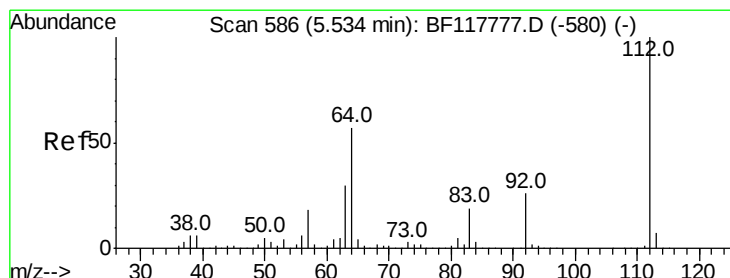
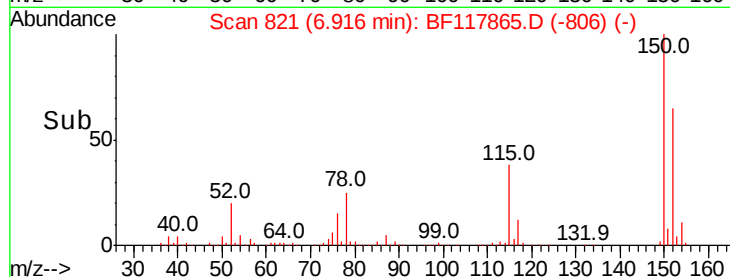
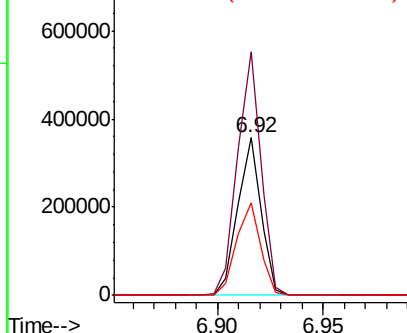
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272215
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 59.0 47.0 70.4



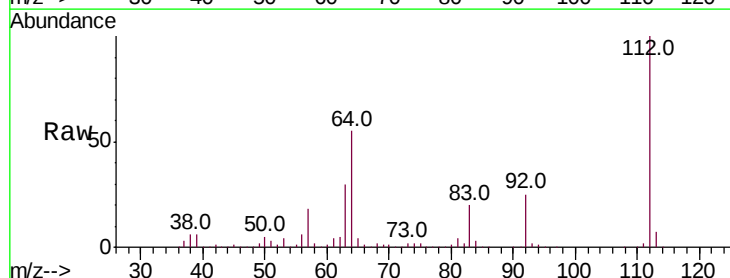
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



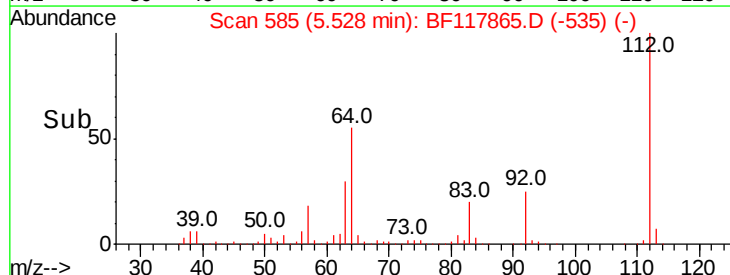
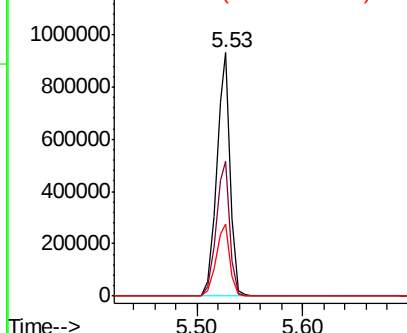
#5

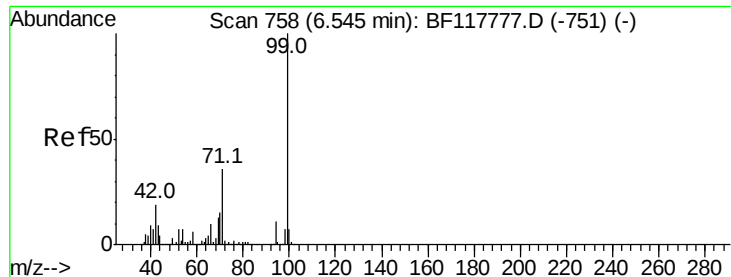
2-Fluorophenol
Concen: 54.612 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Tgt Ion:112 Resp: 839851
Ion Ratio Lower Upper
112 100
64 55.1 45.6 68.4
63 29.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 59.112 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117865.D

Acq: 19 Nov 2019 17:52

Instrument :

BNA_F

ClientSampleId :

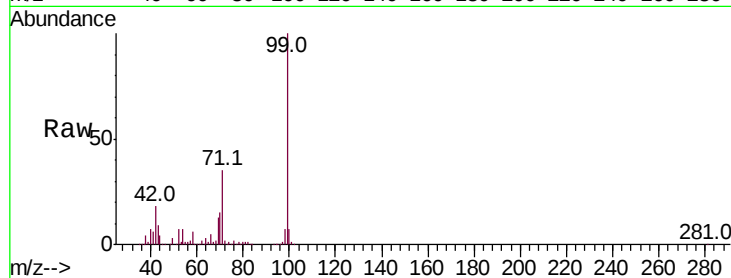
Tot Ion: 99 Resp: 1096458

Ion Ratio Lower Upper

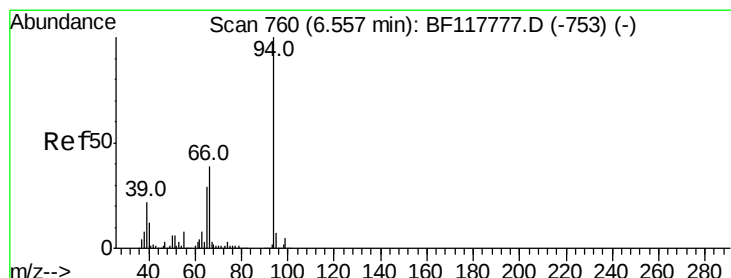
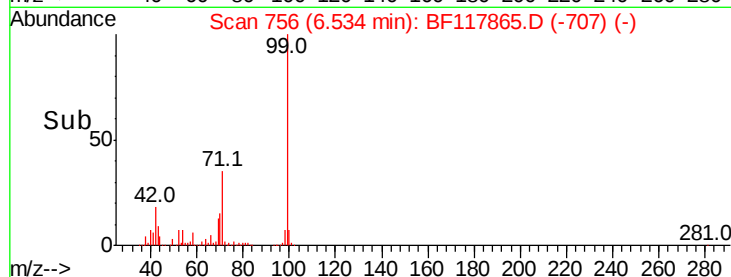
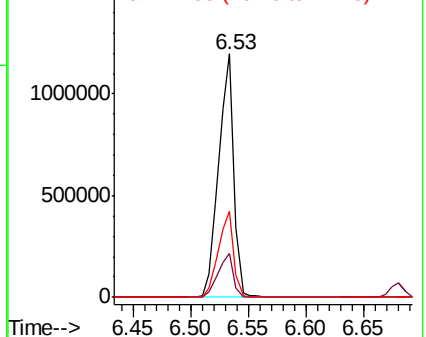
99 100

42 18.0 14.9 22.3

71 35.2 28.6 43.0



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



#10

Phenol

Concen: 2.431 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117865.D

Acq: 19 Nov 2019 17:52

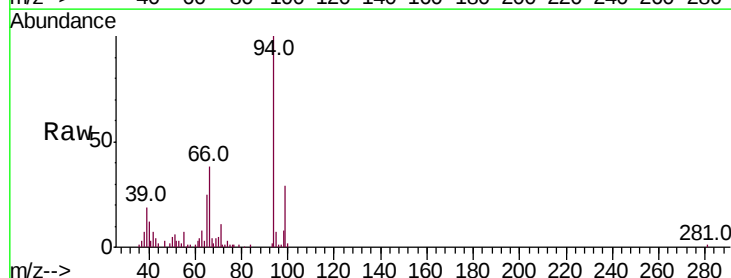
Tgt Ion: 94 Resp: 46859

Ion Ratio Lower Upper

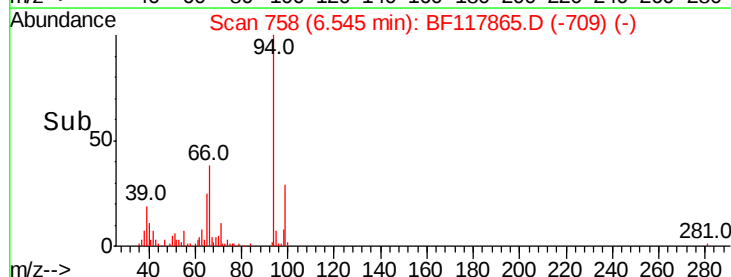
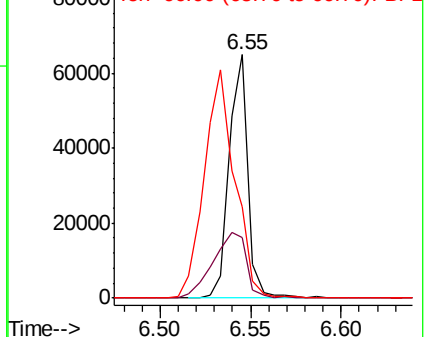
94 100

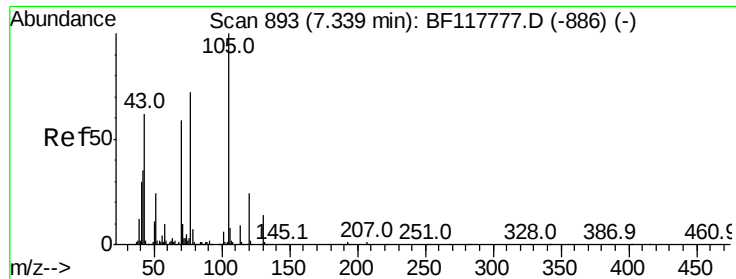
65 24.9 8.9 48.9

66 37.6 18.7 58.7



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

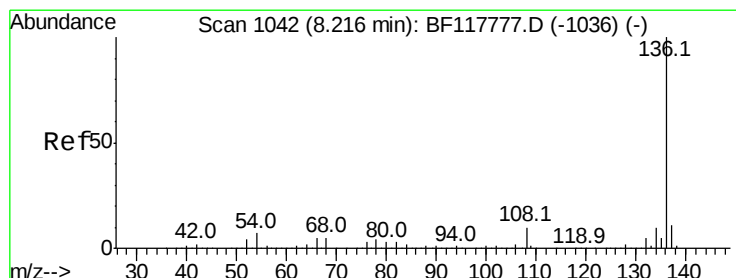
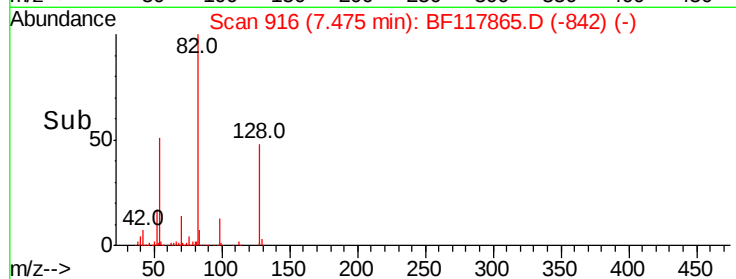
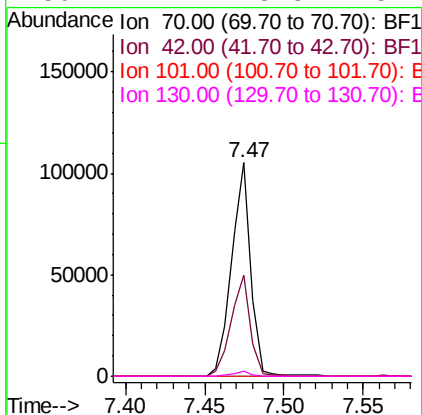
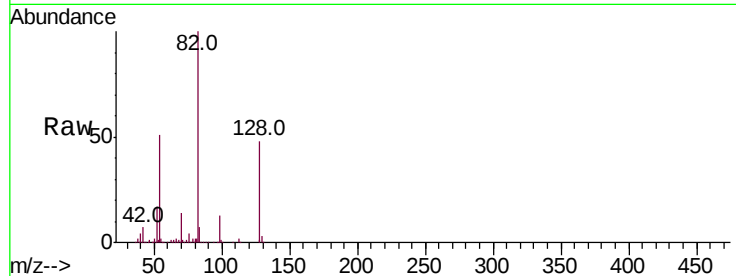




#19
n-Nitroso-di-n-propylamine
Concen: 7.712 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

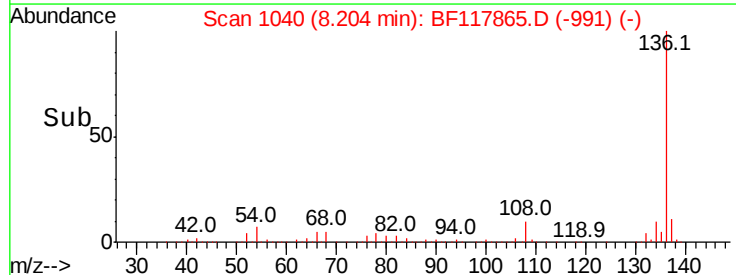
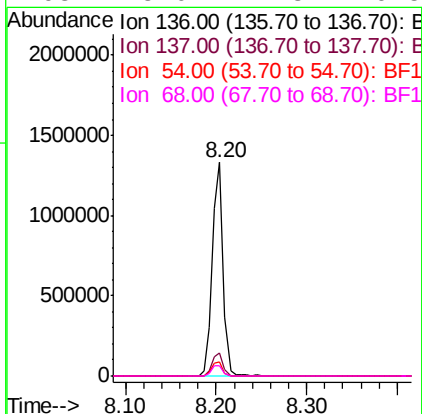
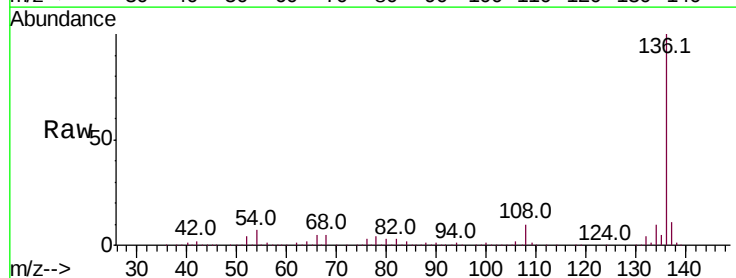
Instrument :
BNA_F
ClientSampleId :

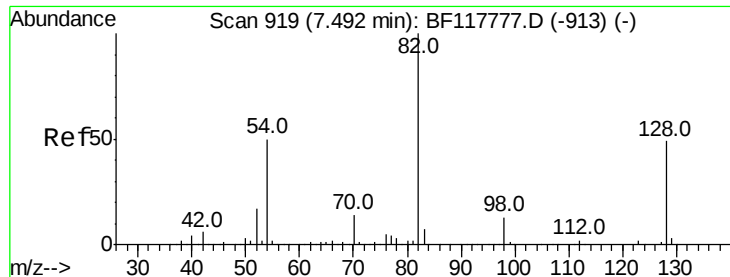
Tot Ion: 70 Resp: 88246
Ion Ratio Lower Upper
70 100
42 47.4 47.4 71.2#
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Tgt Ion: 136 Resp: 1116690
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.8 5.4 8.2
68 5.0 4.3 6.5

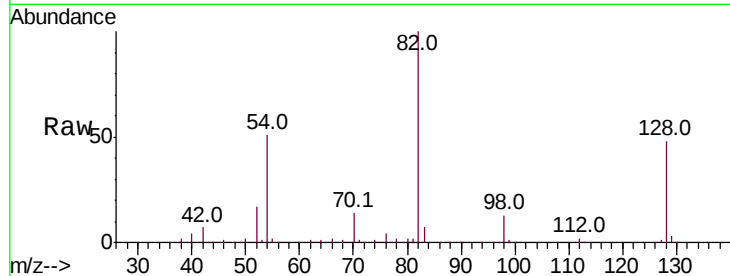




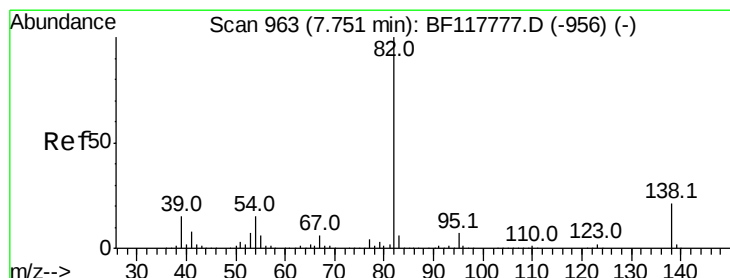
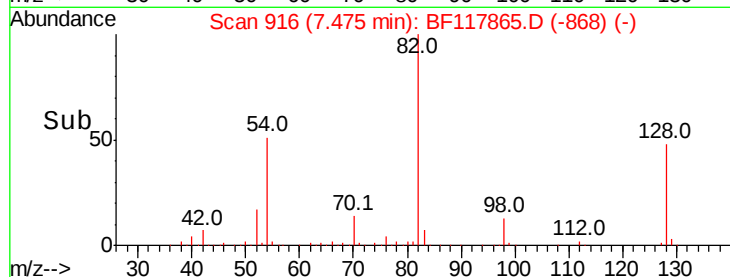
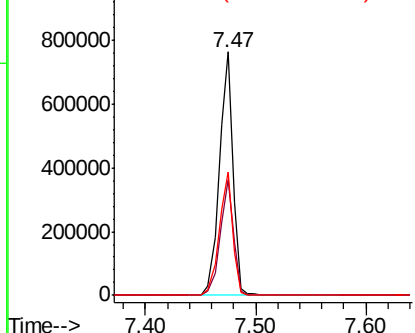
#23
 Nitrobenzene-d5
 Concen: 34.820 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117865.D
 Acq: 19 Nov 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.9	58.3
54	50.6	39.8	59.6

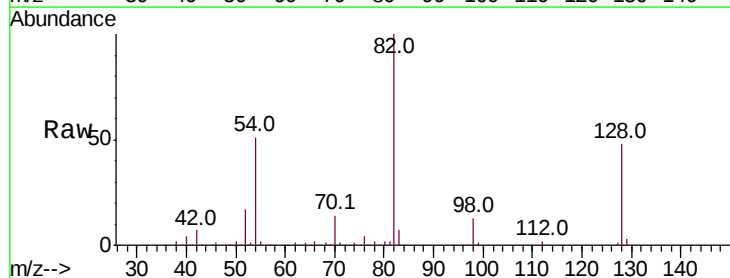


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

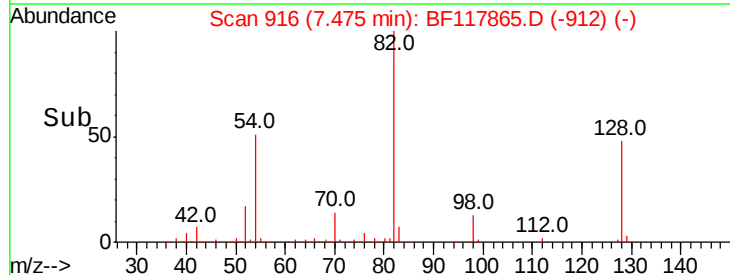
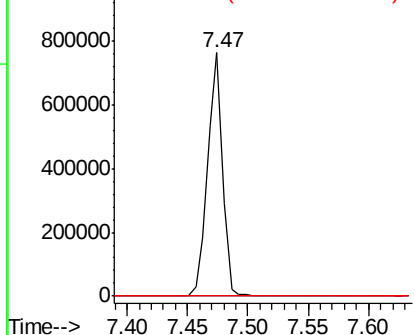


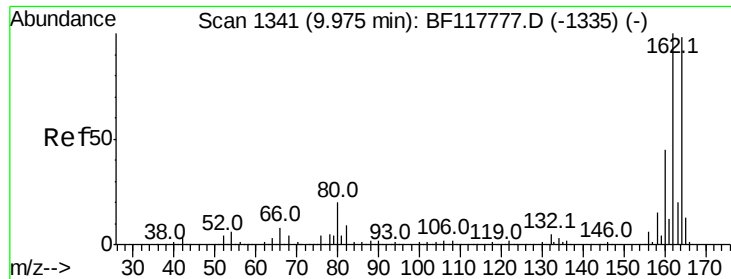
#25
 Isophorone
 Concen: 18.877 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.28 min
 Lab File: BF117865.D
 Acq: 19 Nov 2019 17:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



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

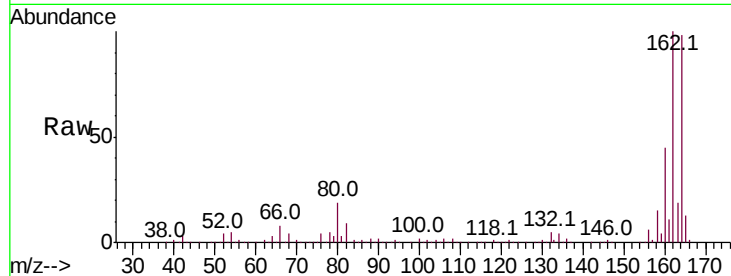




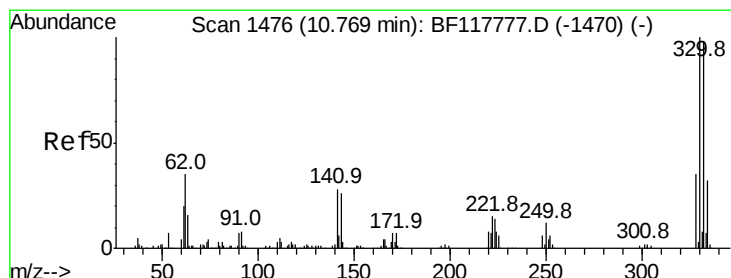
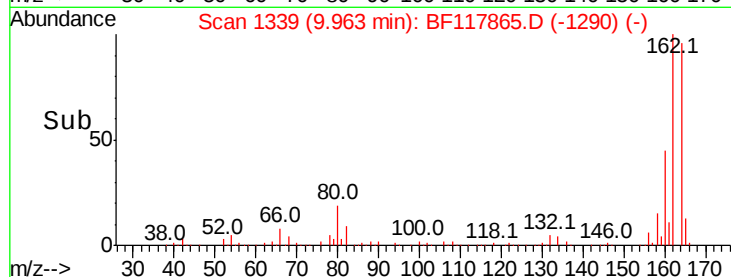
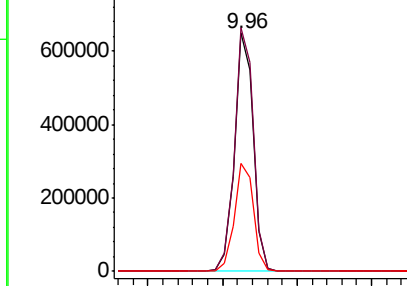
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 575423
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.6 36.6 55.0

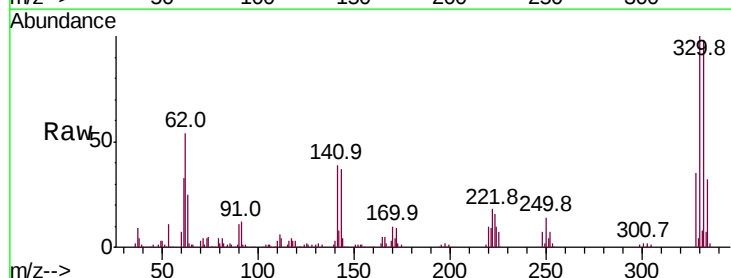


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

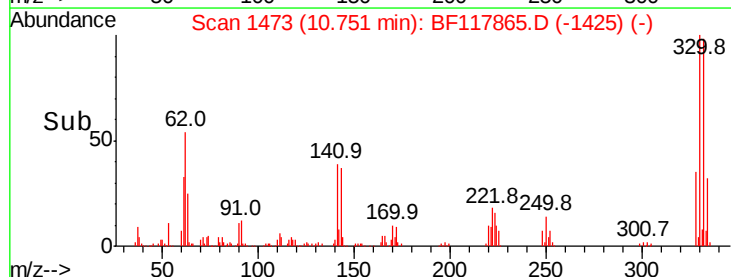
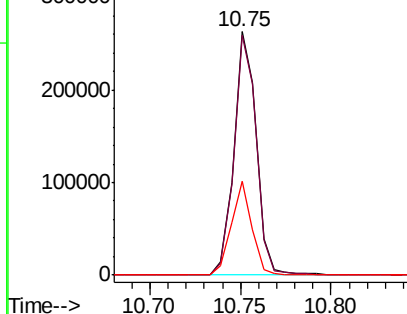


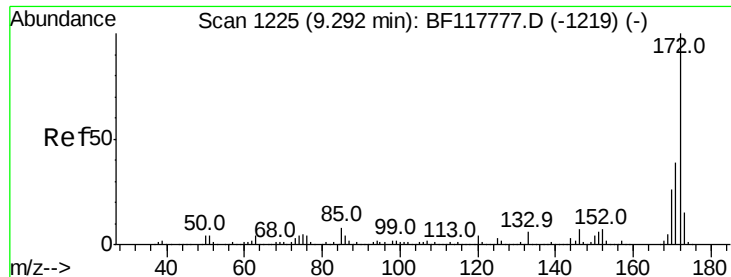
#42
2,4,6-Tribromophenol
Concen: 37.063 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Tgt Ion:330 Resp: 225786
Ion Ratio Lower Upper
330 100
332 98.6 76.7 115.1
141 35.8 27.7 41.5



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

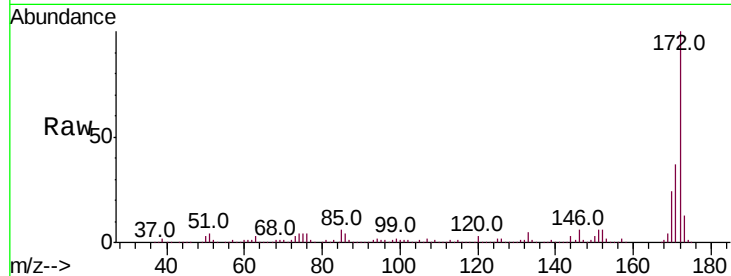




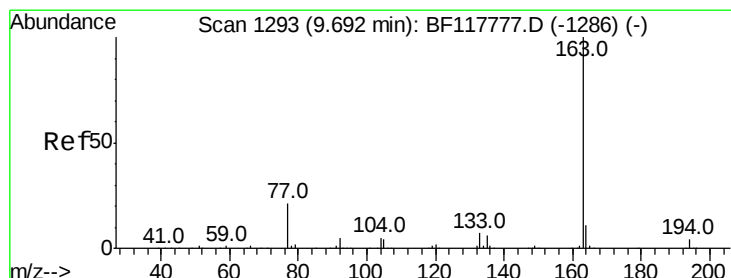
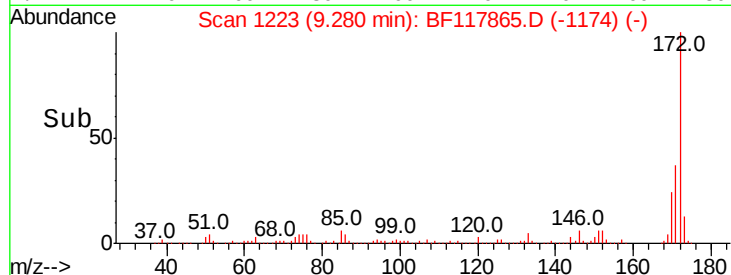
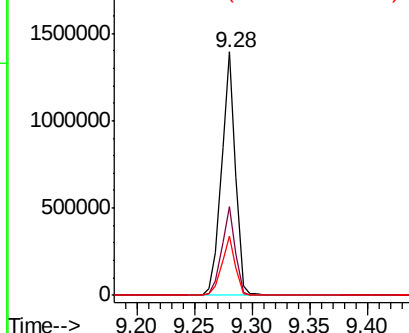
#45
2-Fluorobiphenyl
Concen: 36.353 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1165980
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.4 21.0 31.4

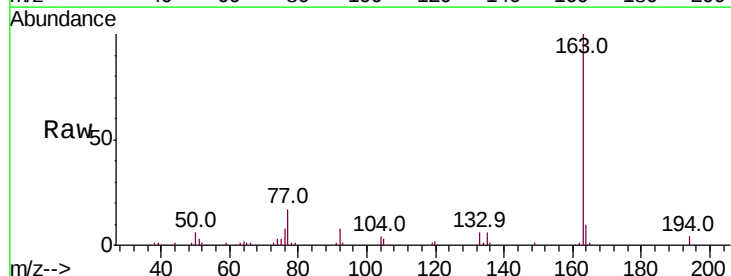


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

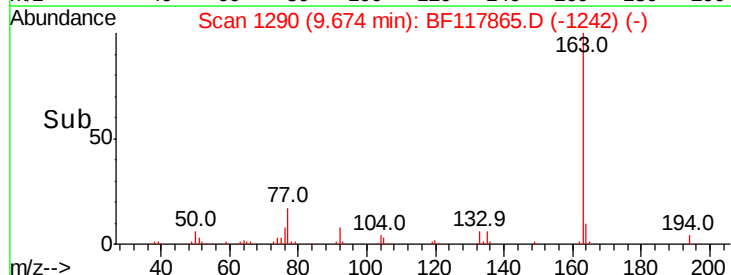
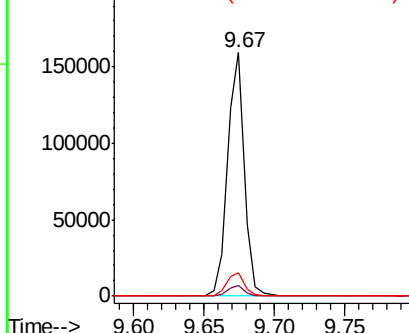


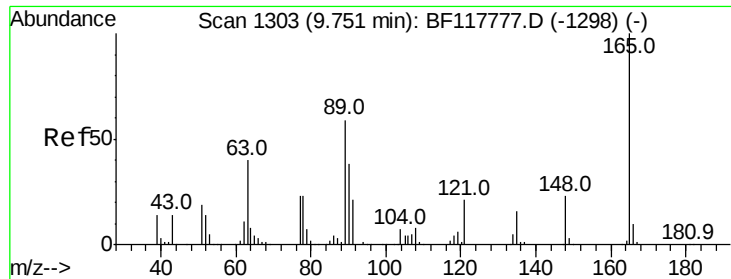
#50
Dimethylphthalate
Concen: 3.255 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Tgt Ion:163 Resp: 131358
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.5 8.7 13.1



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

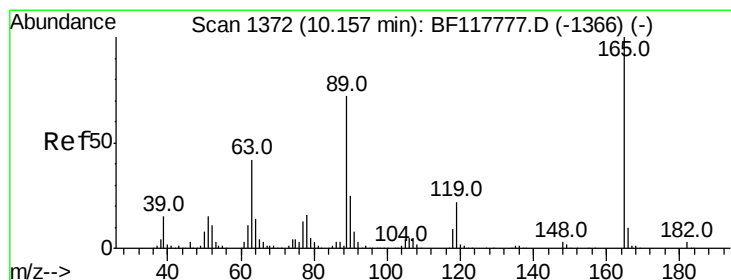
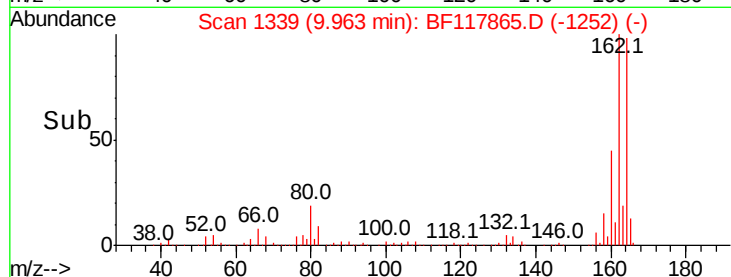
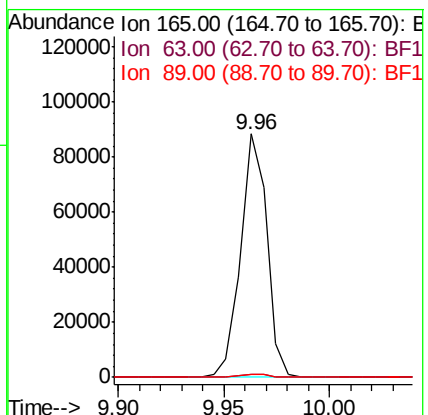
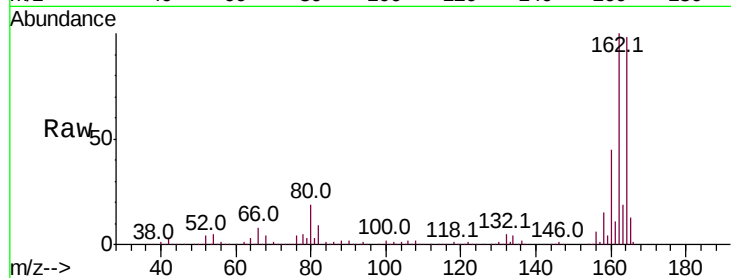




#51
 2,6-Dinitrotoluene
 Concen: 8.607 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.21 min
 Lab File: BF117865.D
 Acq: 19 Nov 2019 17:52

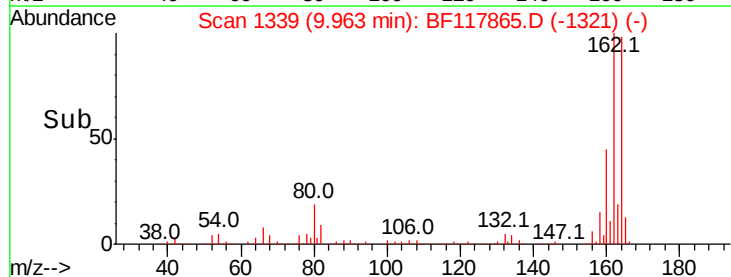
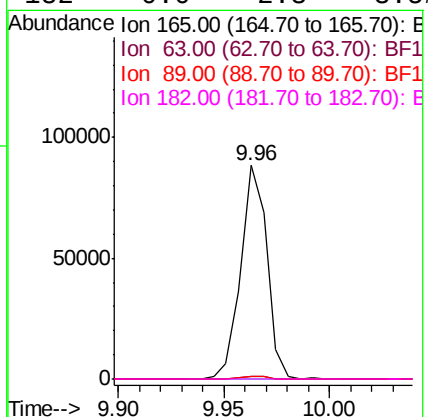
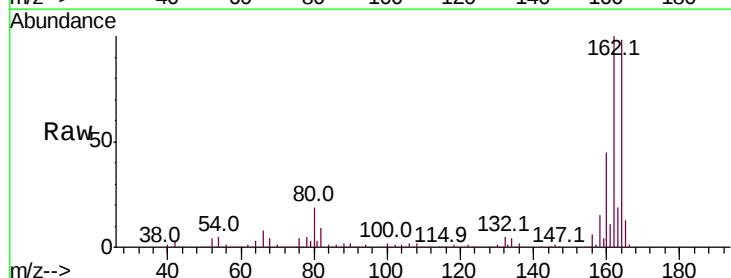
Instrument :
 BNA_F
 ClientSampleId :

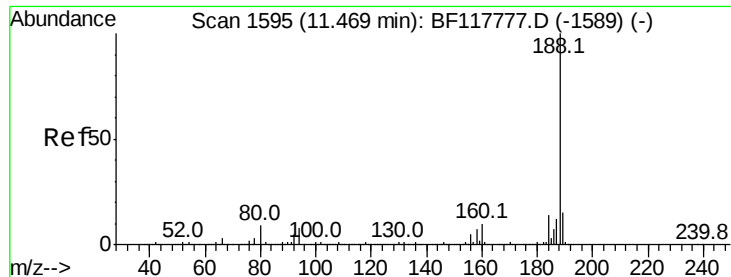
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.0	69.0#
89	1.2	47.7	71.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.766 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.19 min
 Lab File: BF117865.D
 Acq: 19 Nov 2019 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.2	57.3	85.9#
182	0.0	2.3	3.5#

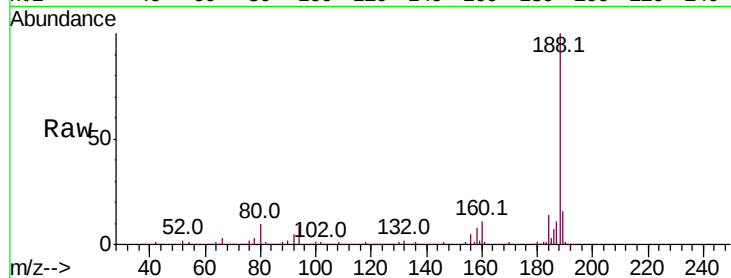




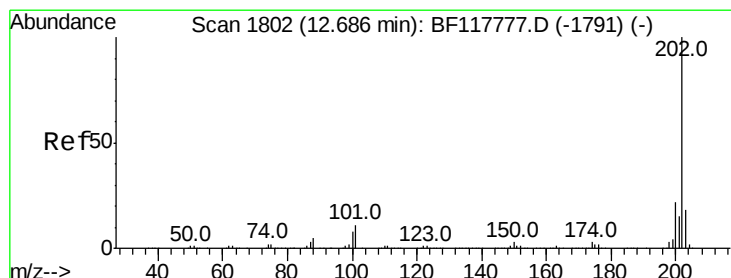
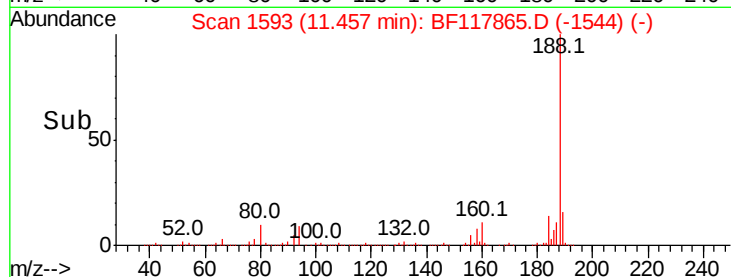
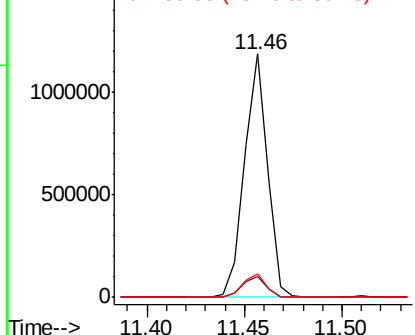
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 971124
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.6 7.2 10.8

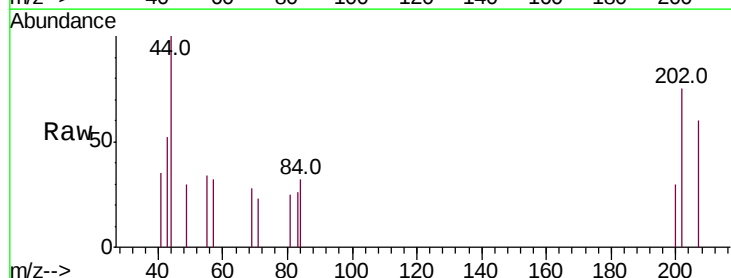


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

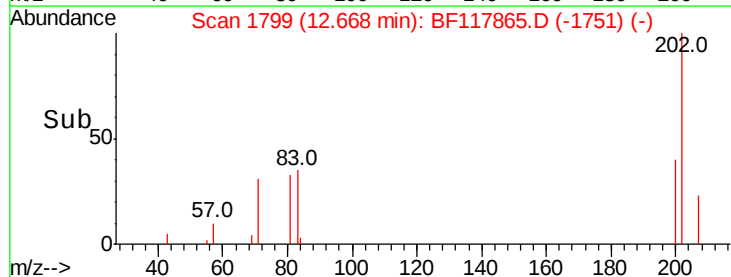
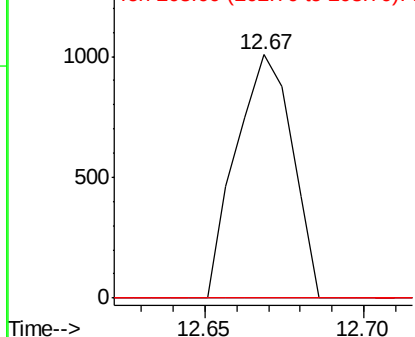


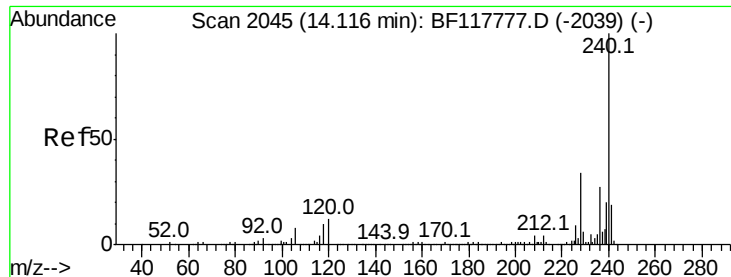
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117865.D
Acq: 19 Nov 2019 17:52

Tgt Ion:202 Resp: 1242
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 0.0 0.0 38.2



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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117865.D

Acq: 19 Nov 2019 17:52

Instrument :

BNA_F

ClientSampled :

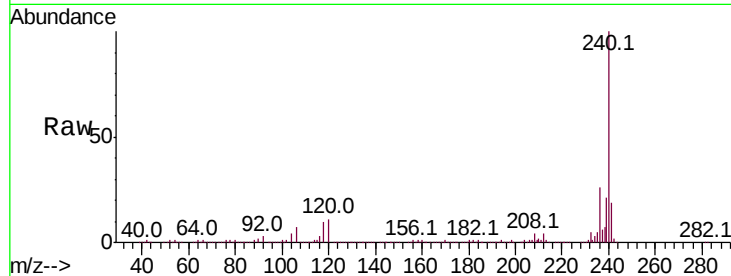
Tot Ion:240 Resp: 641364

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

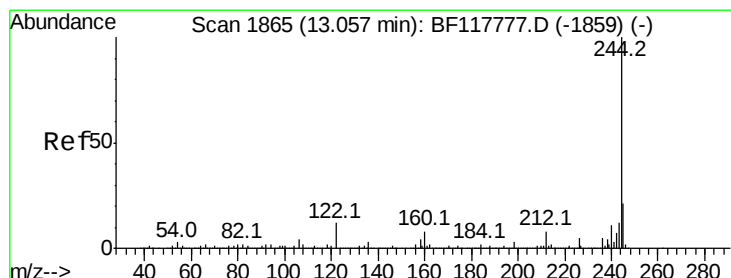
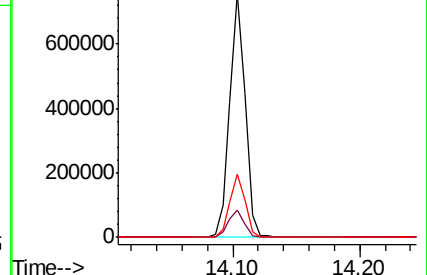
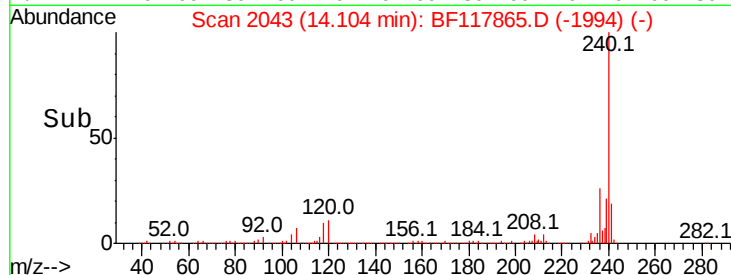
236 25.8 21.3 31.9



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



#79

Terphenyl-d14

Concen: 32.031 ng

RT: 13.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117865.D

Acq: 19 Nov 2019 17:52

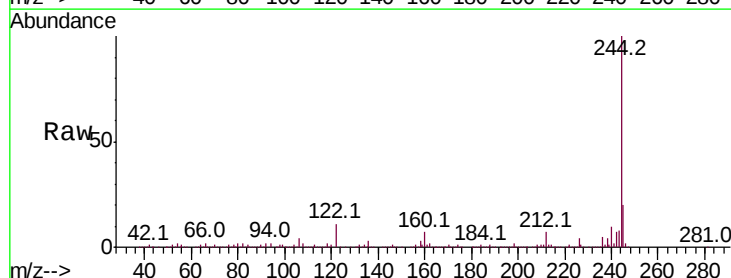
Tgt Ion:244 Resp: 1124073

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

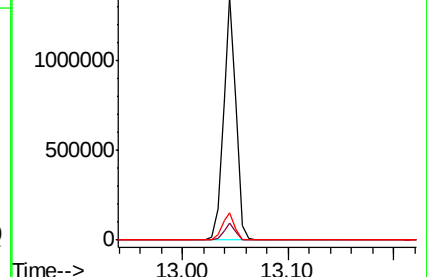
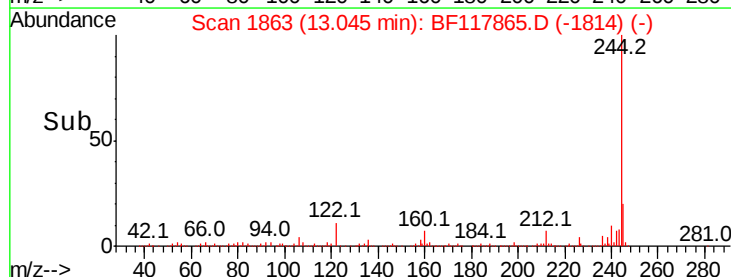
122 11.1 9.4 14.2

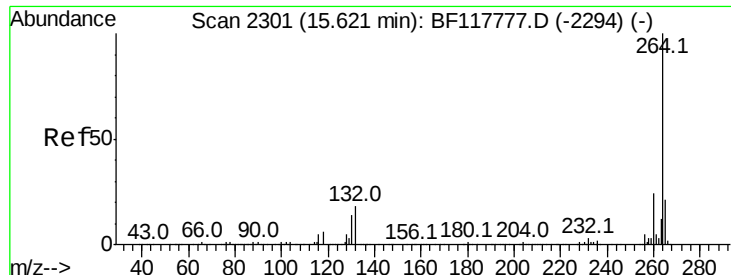


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

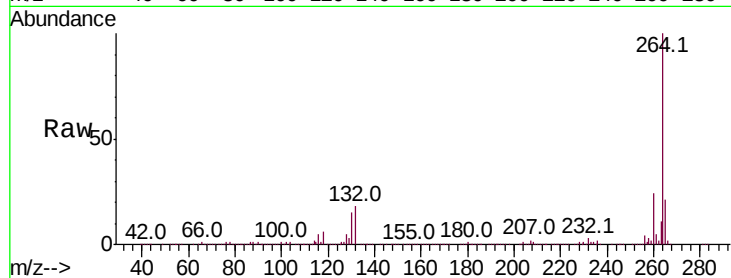




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117865.D
 Acq: 19 Nov 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	653297
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.9	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

