

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117861.D
 Acq On : 19 Nov 2019 16:03
 Operator : JU
 Sample : K5865-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 00:31:01 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	224293	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	893040	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	478008	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	855439	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	527759	20.00	ng	-0.01
87) Perylene-d12	15.61	264	521901	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1409989	111.28	ng	0.00
7) Phenol-d6	6.54	99	1816018	118.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	1116388	74.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	476337	94.13	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	2103195	78.94	ng	-0.01
79) Terphenyl-d14	13.05	244	2189779	75.83	ng	0.00

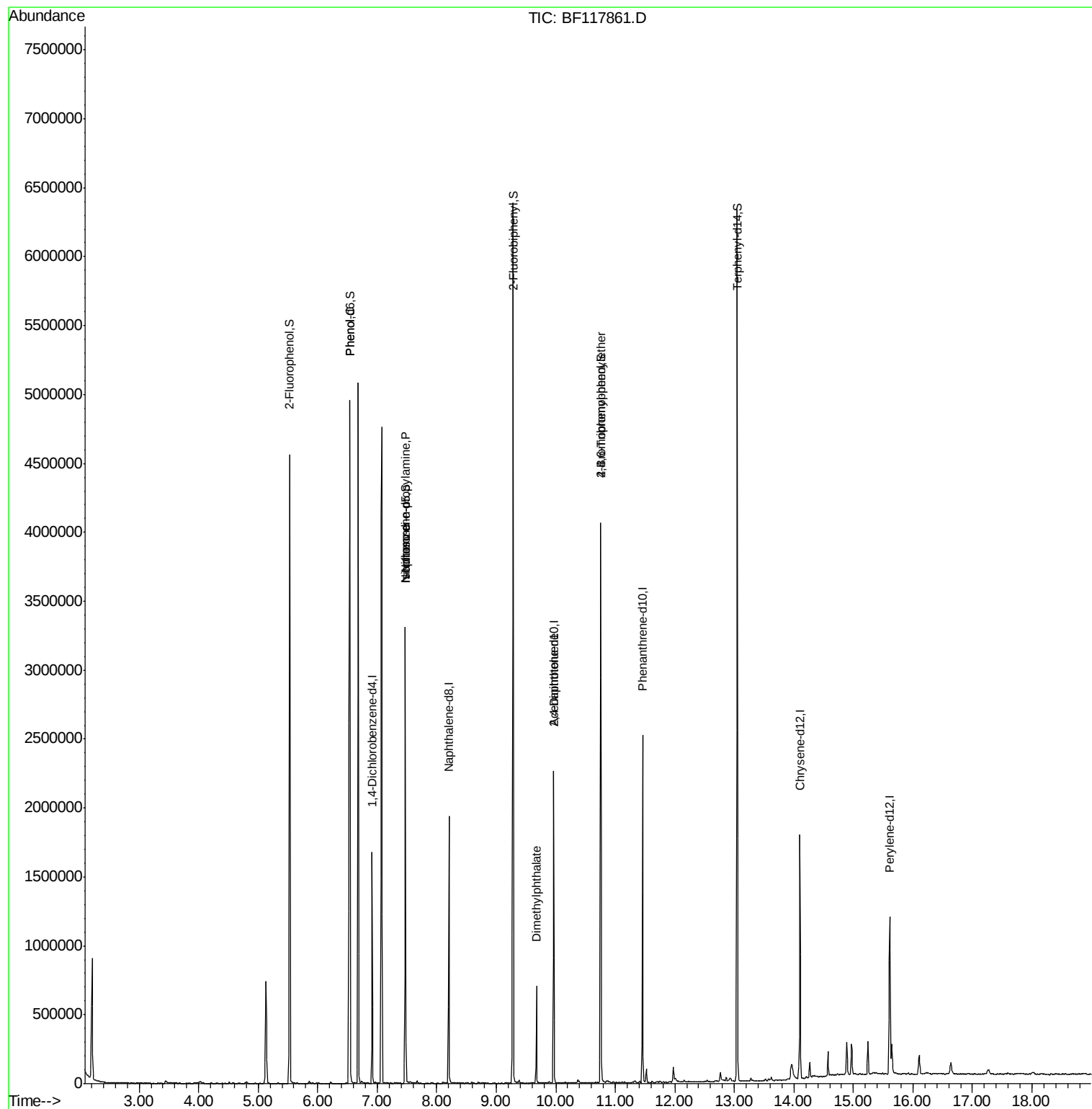
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	4163	Below Cal		# 1
10) Phenol	6.55	94	138265	8.706	ng	87
19) n-Nitroso-di-n-propylamine	7.47	70	151297	16.046	ng	# 76
25) Isophorone	7.47	82	1109291	40.287	ng	# 62
50) Dimethylphthalate	9.67	163	266824	7.960	ng	98
57) 2,4-Dinitrotoluene	9.96	165	60835	6.528	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	29858	3.235	ng	# 1
75) Fluoranthene	12.67	202	1600	Below Cal		63

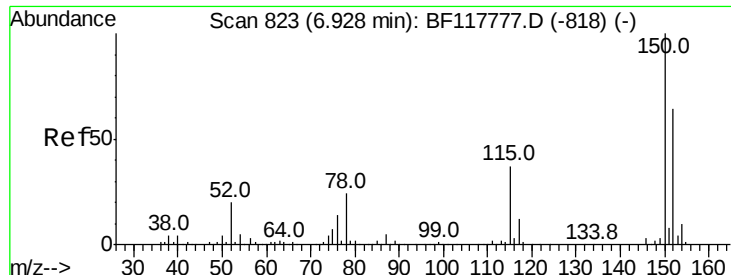
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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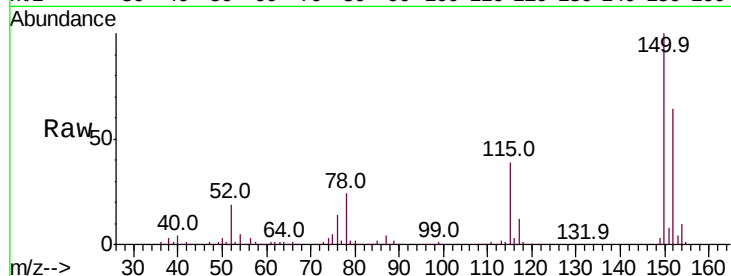


#1

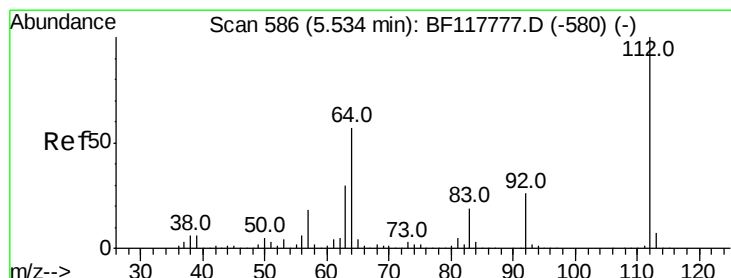
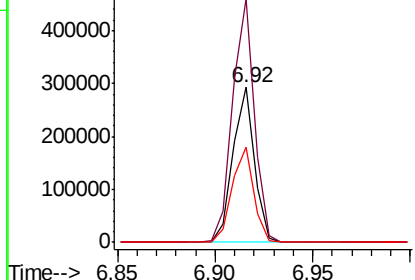
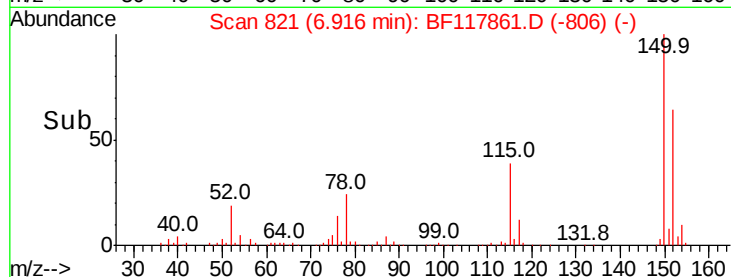
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 224293
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 61.3 47.0 70.4



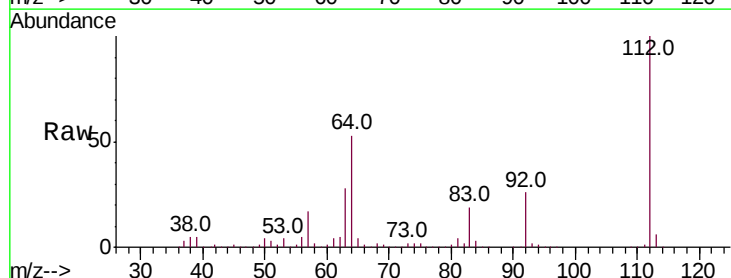
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



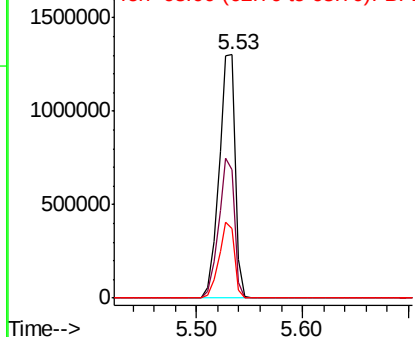
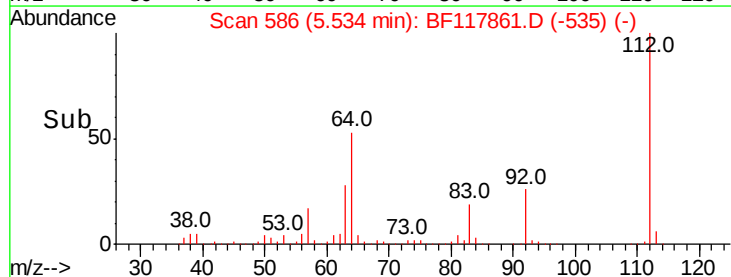
#5

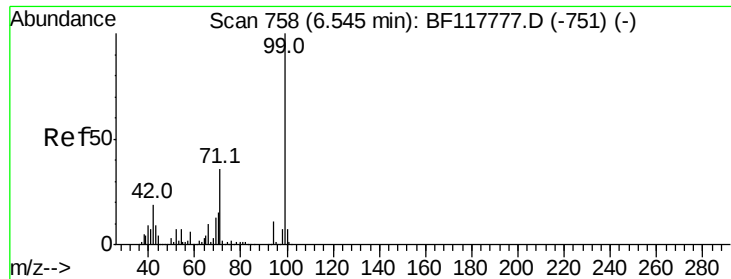
2-Fluorophenol
Concen: 111.275 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Tgt Ion:112 Resp: 1409989
Ion Ratio Lower Upper
112 100
64 52.7 45.6 68.4
63 28.4 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: 118.822 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117861.D

Acq: 19 Nov 2019 16:03

Instrument :

BNA_F

ClientSampleId :

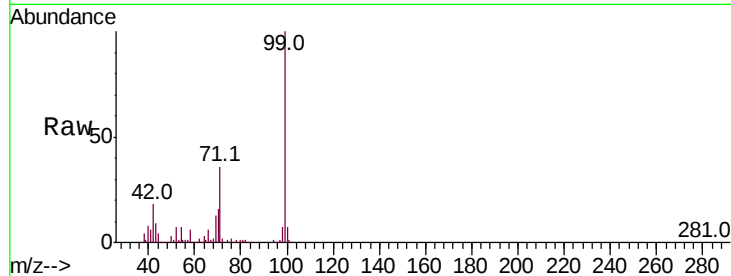
Tot Ion: 99 Resp: 1816018

Ion Ratio Lower Upper

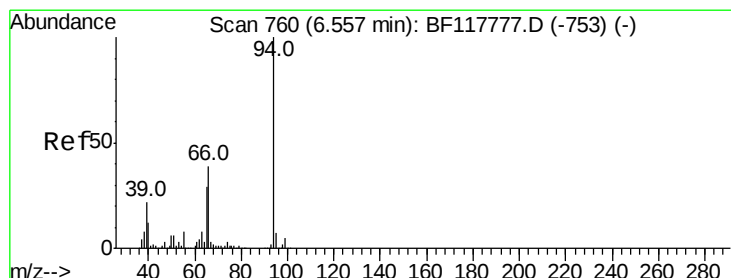
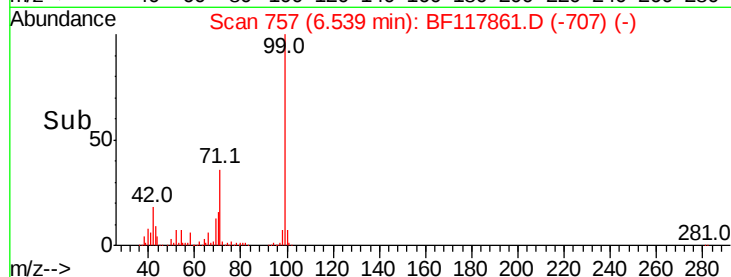
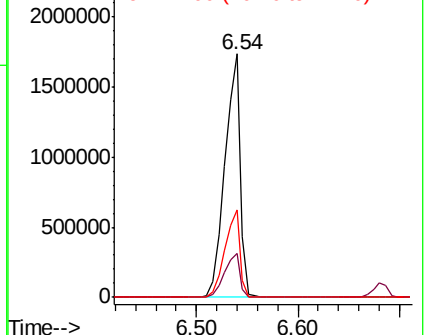
99 100

42 18.2 14.9 22.3

71 35.7 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: 8.706 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117861.D

Acq: 19 Nov 2019 16:03

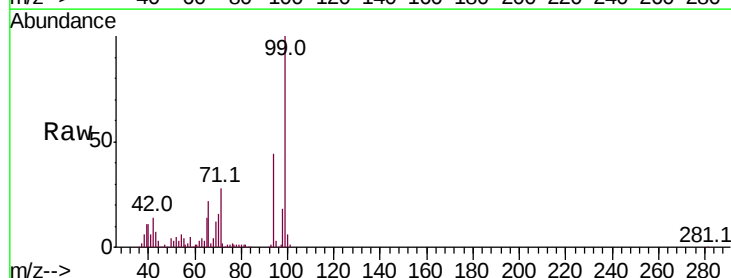
Tgt Ion: 94 Resp: 138265

Ion Ratio Lower Upper

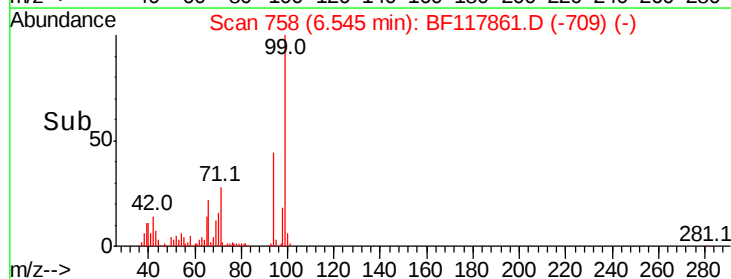
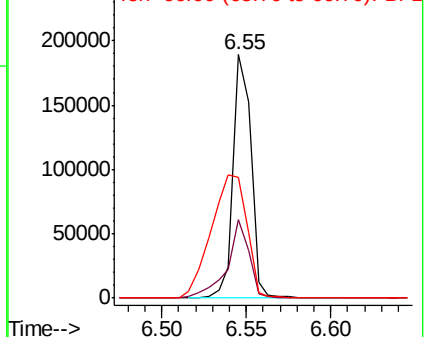
94 100

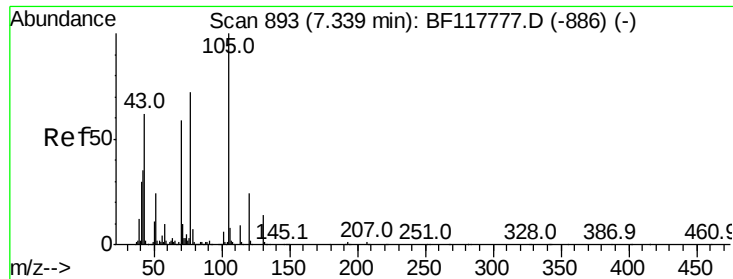
65 32.3 8.9 48.9

66 49.4 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

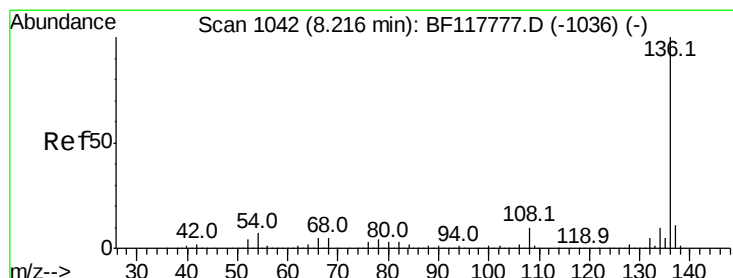
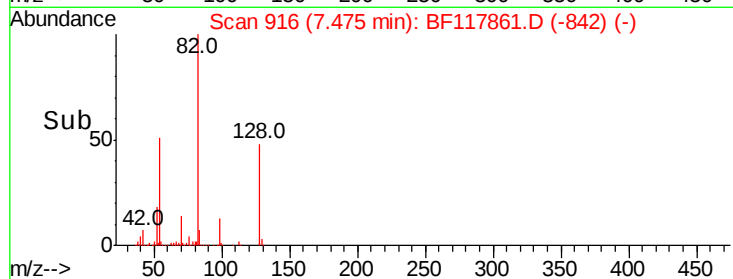
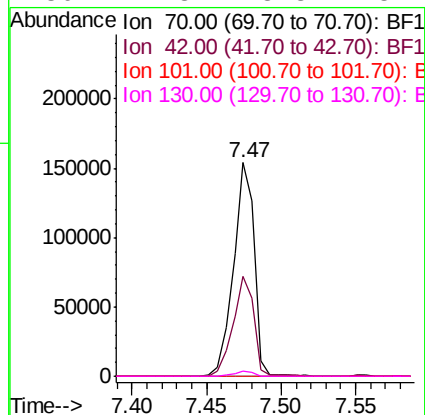
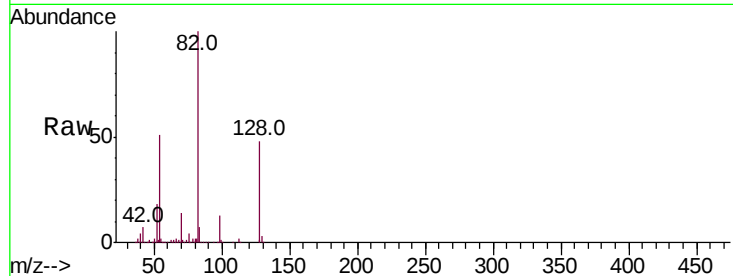




#19
n-Nitroso-di-n-propylamine
Concen: 16.046 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

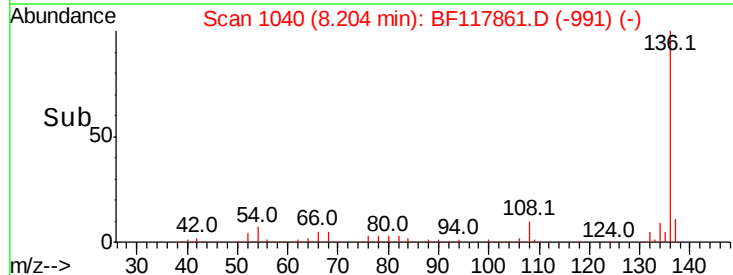
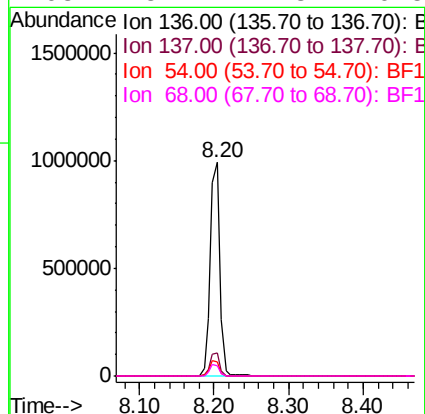
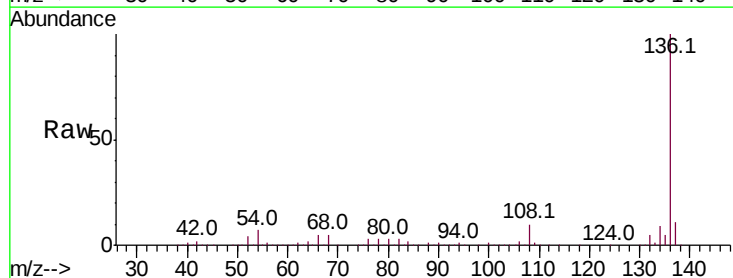
Instrument :
BNA_F
ClientSampleId :

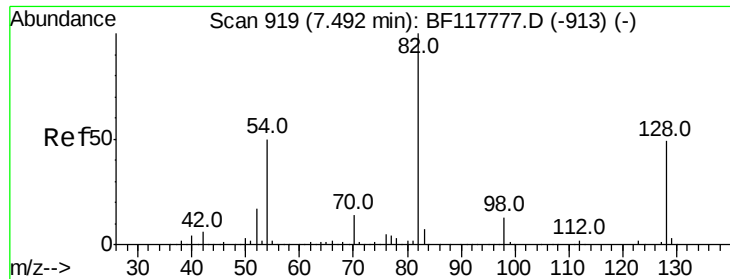
Tot Ion: 70 Resp: 151297
Ion Ratio Lower Upper
70 100
42 47.0 47.4 71.2#
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Tgt Ion: 136 Resp: 893040
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.6 5.4 8.2
68 5.1 4.3 6.5



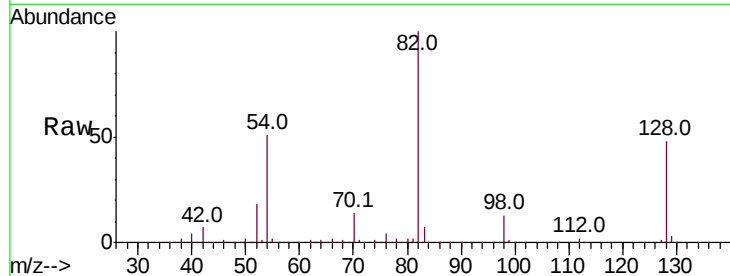


#23
 Nitrobenzene-d5
 Concen: 74.313 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

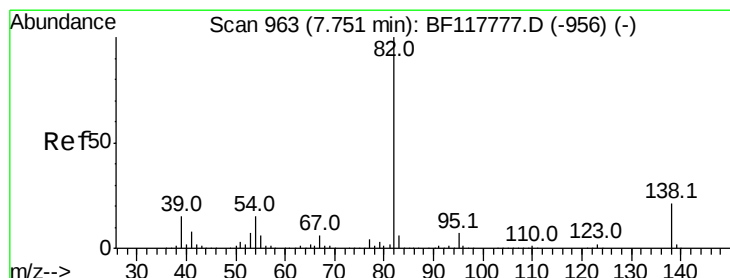
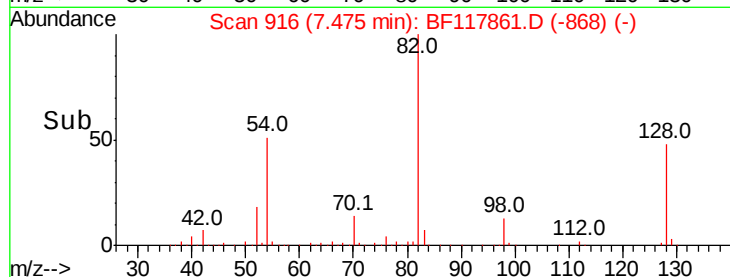
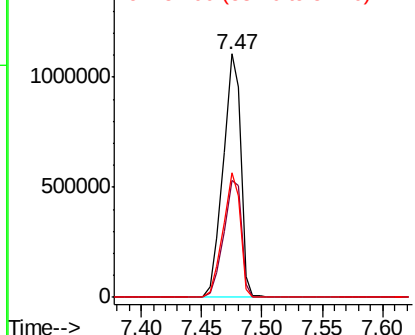
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1116388

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.9	58.3
54	51.3	39.8	59.6



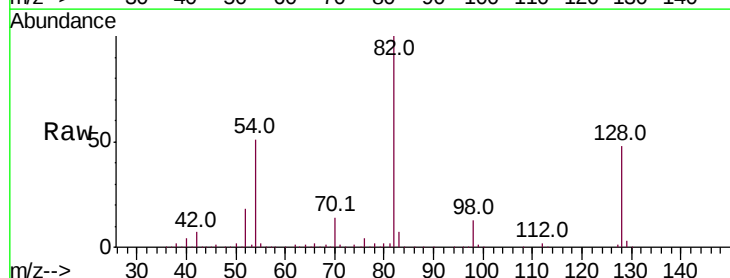
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



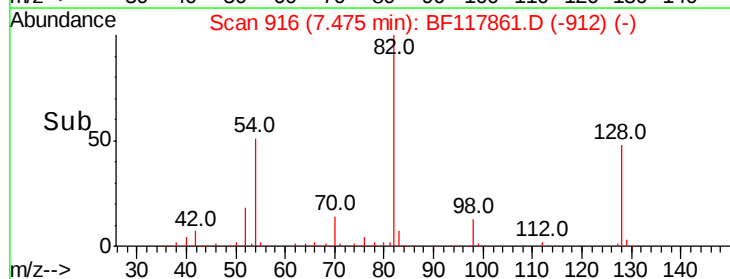
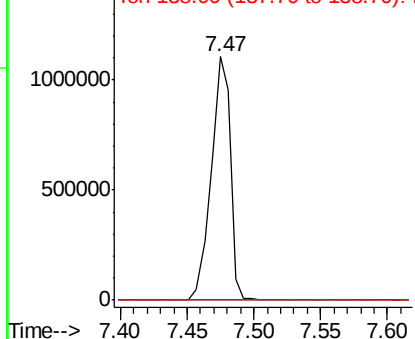
#25
 Isophorone
 Concen: 40.287 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.28 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

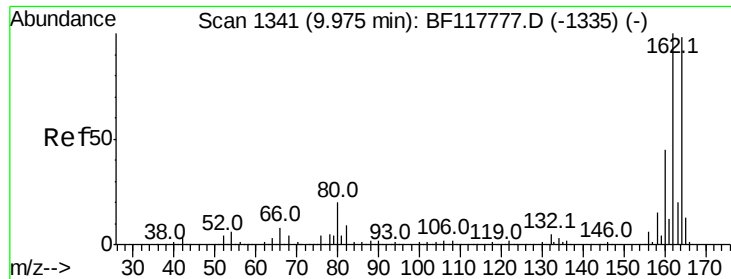
Tgt Ion: 82 Resp: 1109291

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

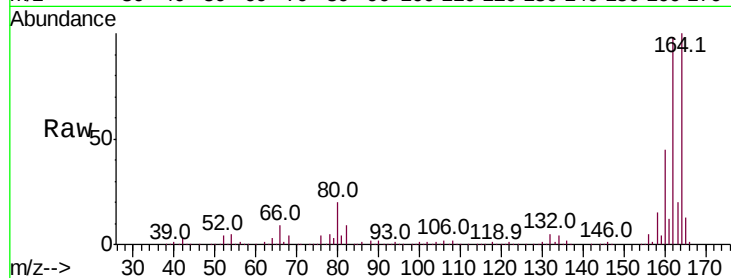




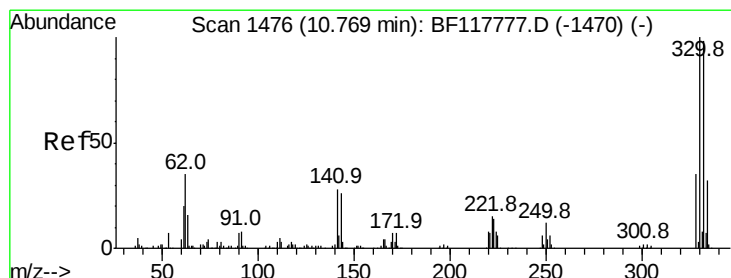
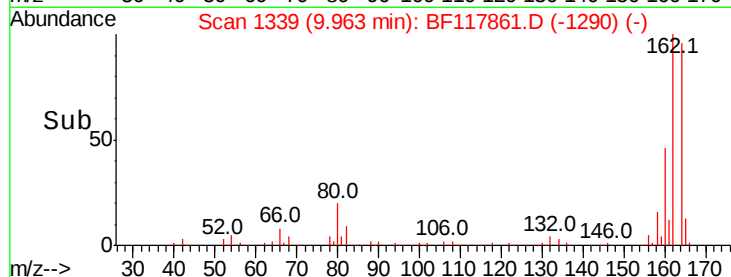
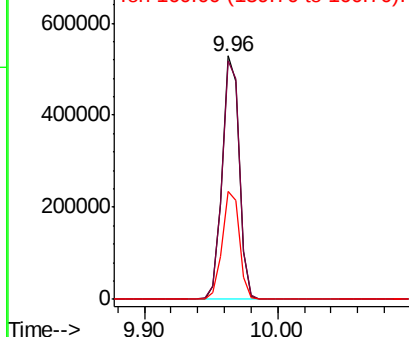
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 478008
Ion Ratio Lower Upper
164 100
162 98.2 81.3 121.9
160 44.6 36.6 55.0

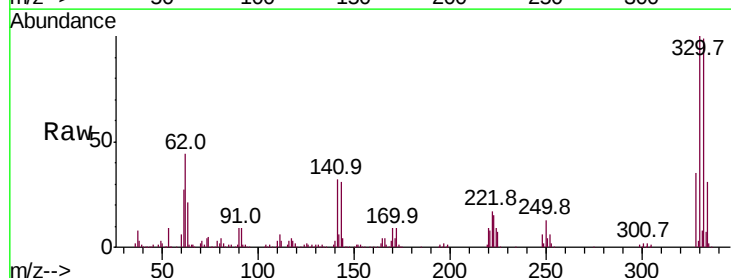


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

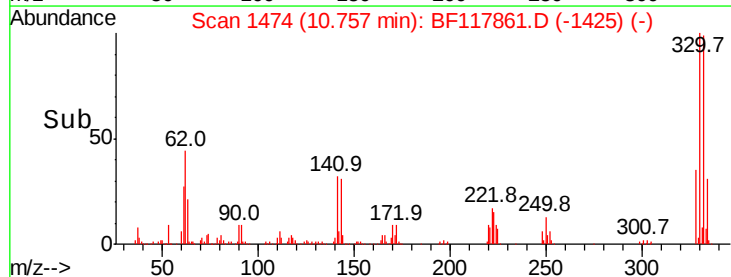
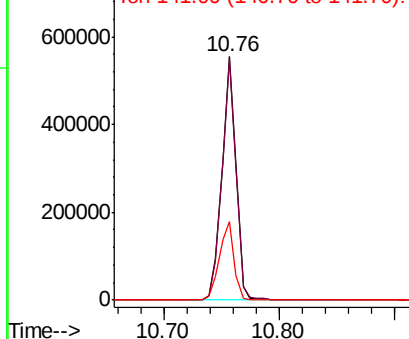


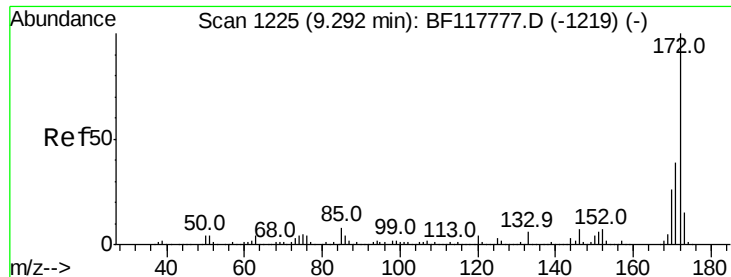
#42
2,4,6-Tribromophenol
Concen: 94.126 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Tgt Ion:330 Resp: 476337
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 33.3 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



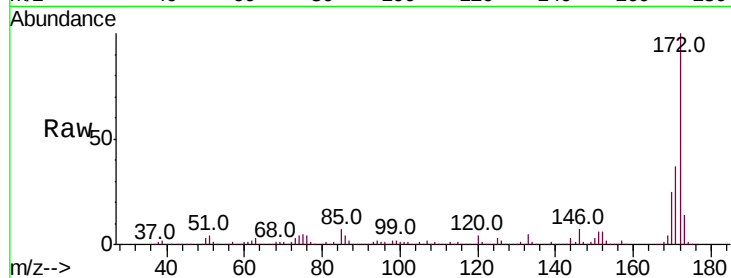


#45
 2-Fluorobiphenyl
 Concen: 78.936 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

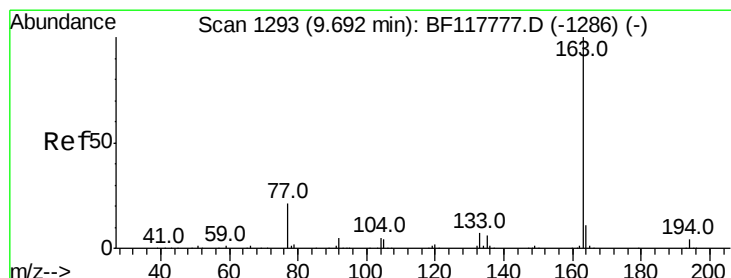
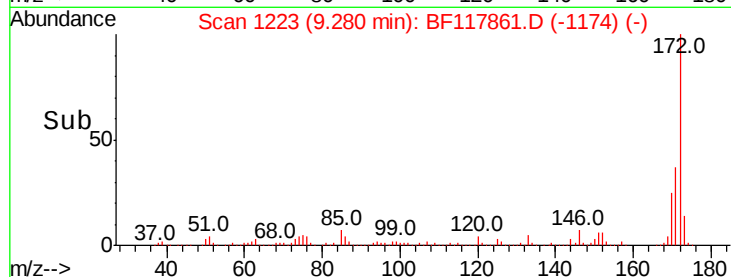
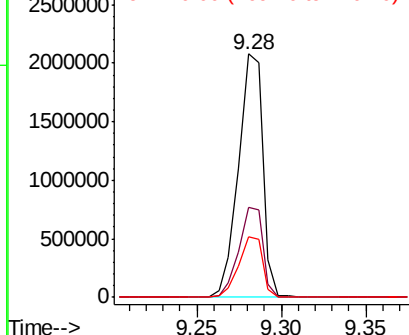
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2103195

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.9	21.0	31.4



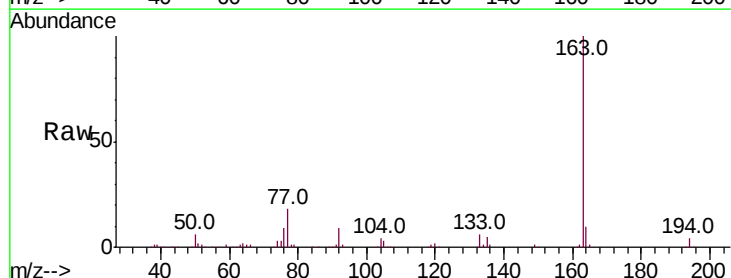
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



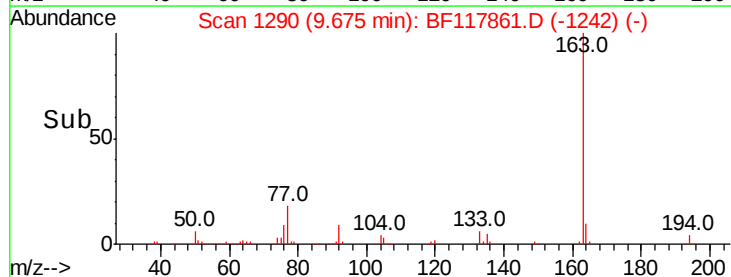
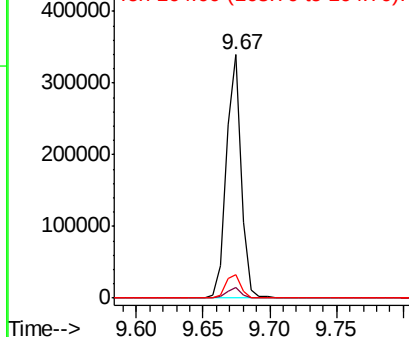
#50
 Dimethylphthalate
 Concen: 7.960 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

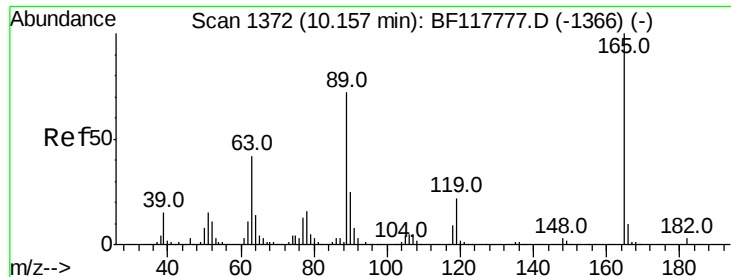
Tgt Ion:163 Resp: 266824

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	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

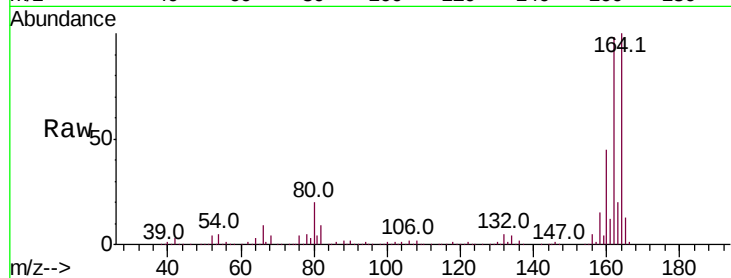




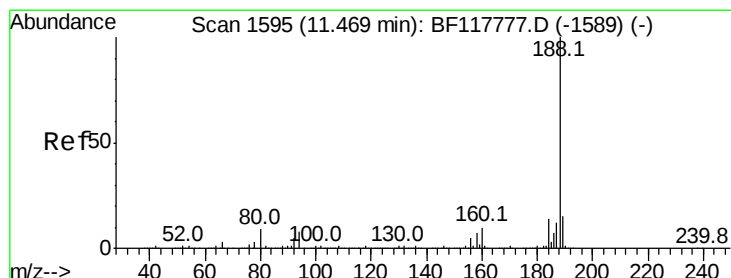
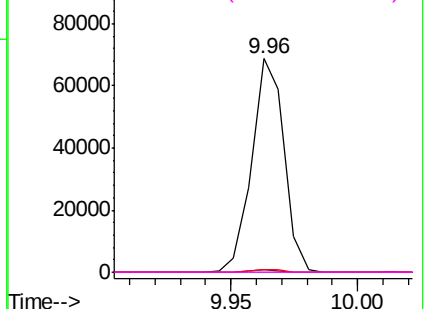
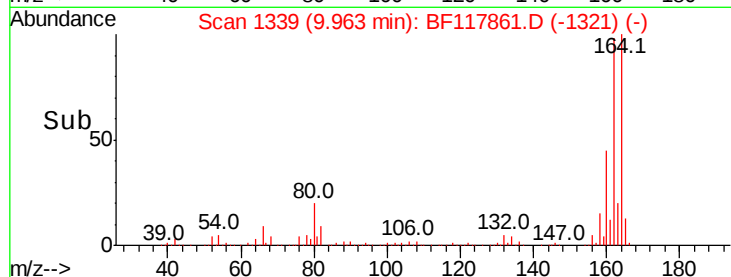
#57
2,4-Dinitrotoluene
Concen: 6.528 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 60835
Ion Ratio Lower Upper
165 100
63 1.2 33.7 50.5#
89 1.4 57.3 85.9#
182 0.0 2.3 3.5#

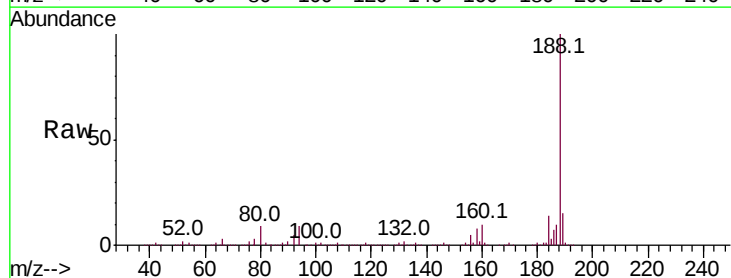


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

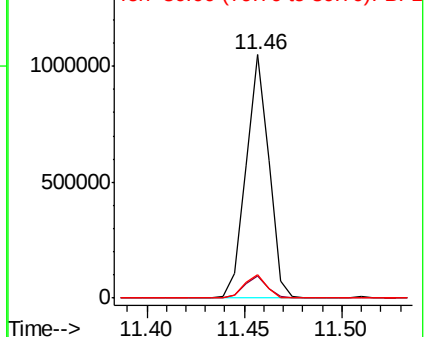
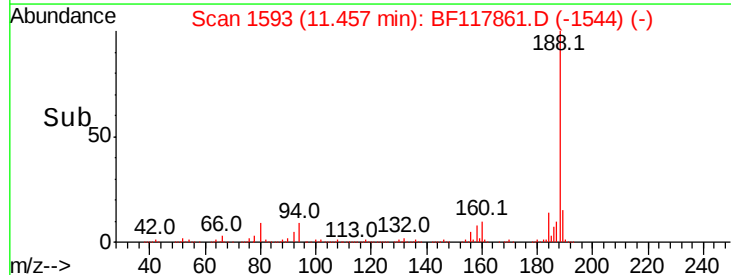


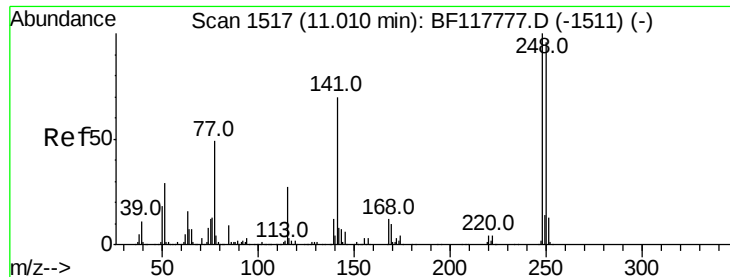
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117861.D
Acq: 19 Nov 2019 16:03

Tgt Ion:188 Resp: 855439
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 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

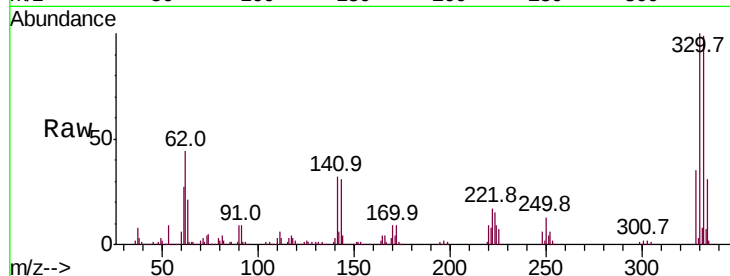




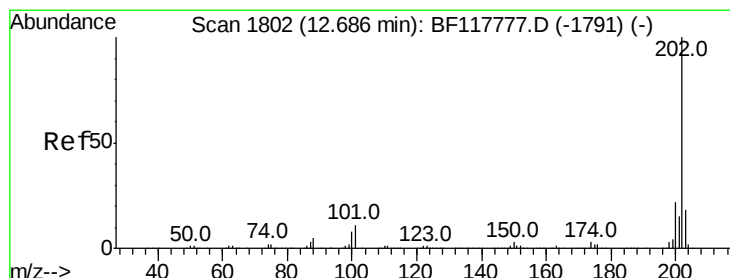
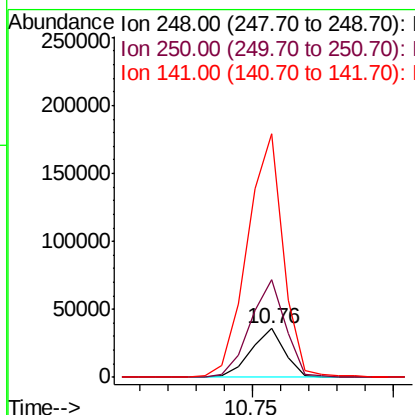
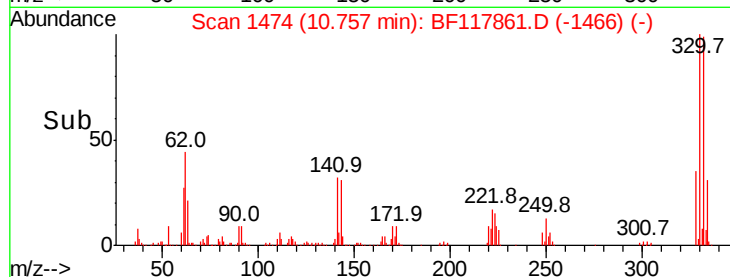
#67
 4-Bromophenyl-phenylether
 Concen: 3.235 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.25 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 29858
 Ion Ratio Lower Upper
 248 100
 250 199.8 76.6 115.0#
 141 497.5 55.9 83.9#

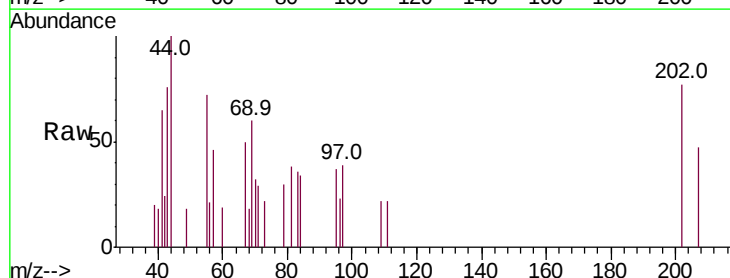


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

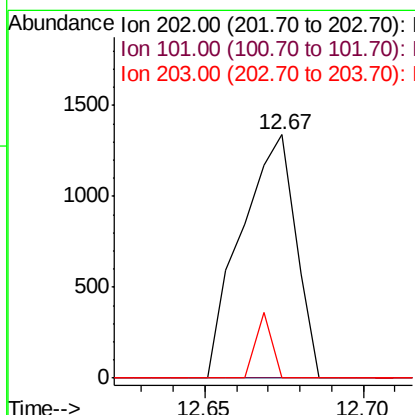
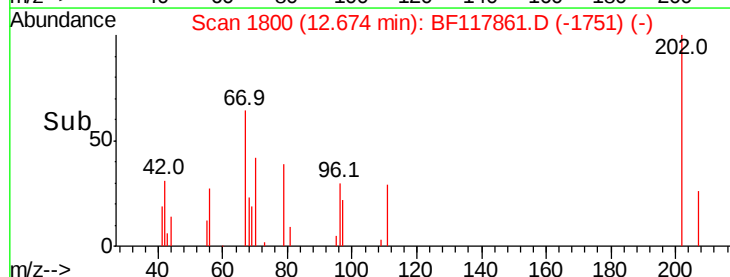


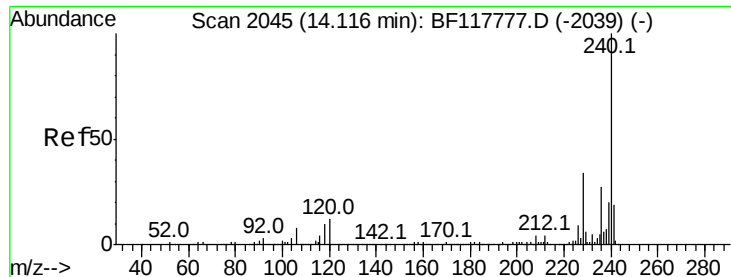
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

Tgt Ion:202 Resp: 1600
 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: BF117861.D

Acq: 19 Nov 2019 16:03

Instrument :

BNA_F

ClientSampleId :

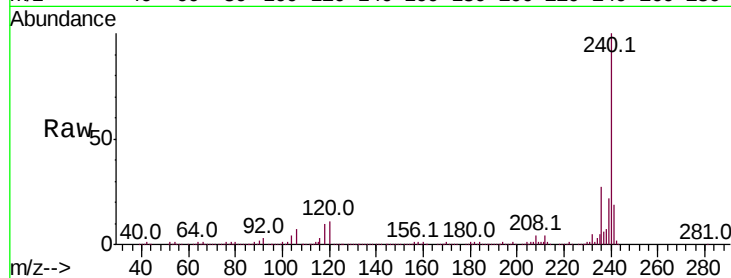
Tot Ion:240 Resp: 527759

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

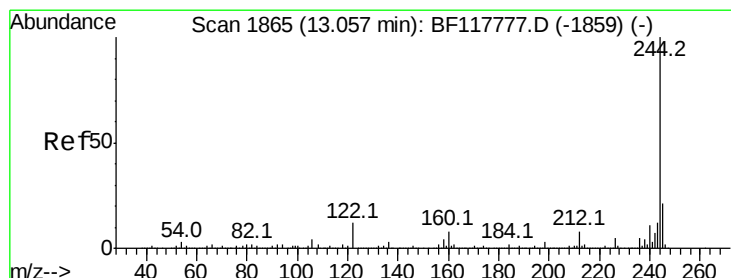
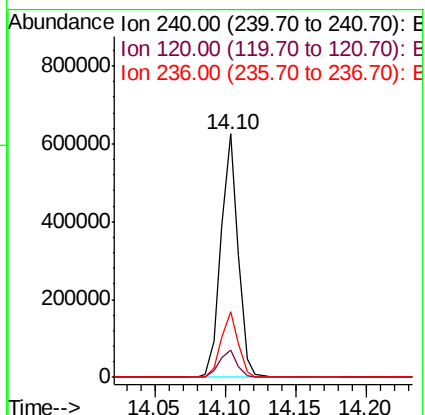
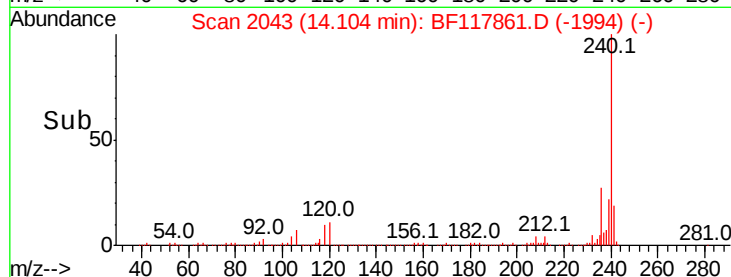
236 27.2 21.3 31.9



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: 75.831 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117861.D

Acq: 19 Nov 2019 16:03

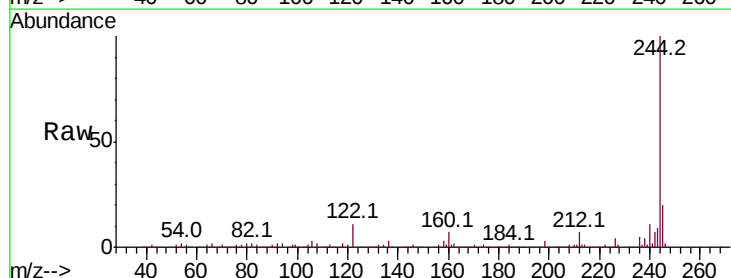
Tgt Ion:244 Resp: 2189779

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

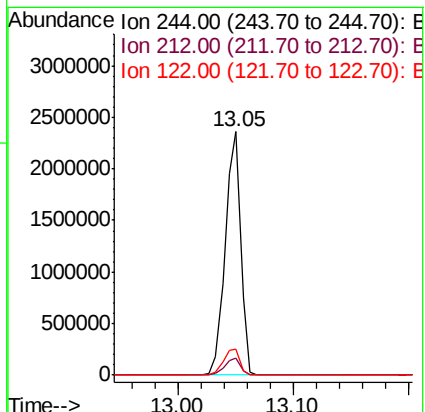
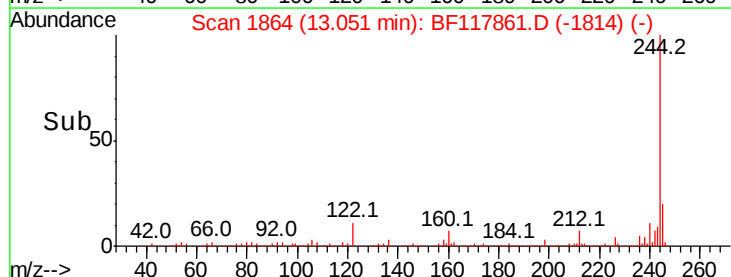
122 10.6 9.4 14.2

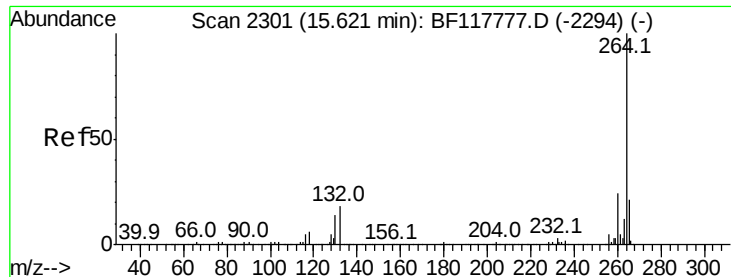


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

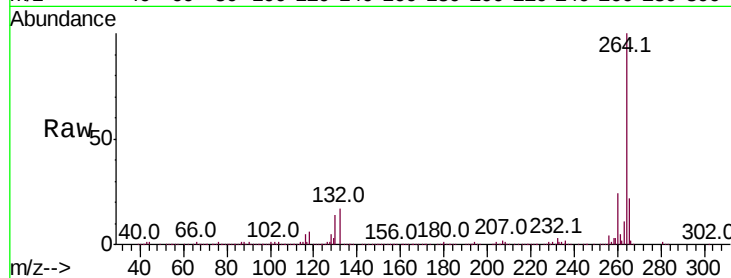




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117861.D
 Acq: 19 Nov 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.7	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

