

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117558.D
 Acq On : 28 Oct 2019 13:50
 Operator : JU
 Sample : K5502-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 14:04:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	38676	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	159165	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	80888	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	126990	20.00	ng	0.00
76) Chrysene-d12	13.89	240	77156	20.00	ng	0.00
87) Perylene-d12	15.33	264	77021	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	268772	103.39	ng	0.00
7) Phenol-d6	6.38	99	371965	106.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	227059	70.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	67333	96.21	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	326393	56.85	ng	-0.01
79) Terphenyl-d14	12.83	244	264550	55.93	ng	0.00

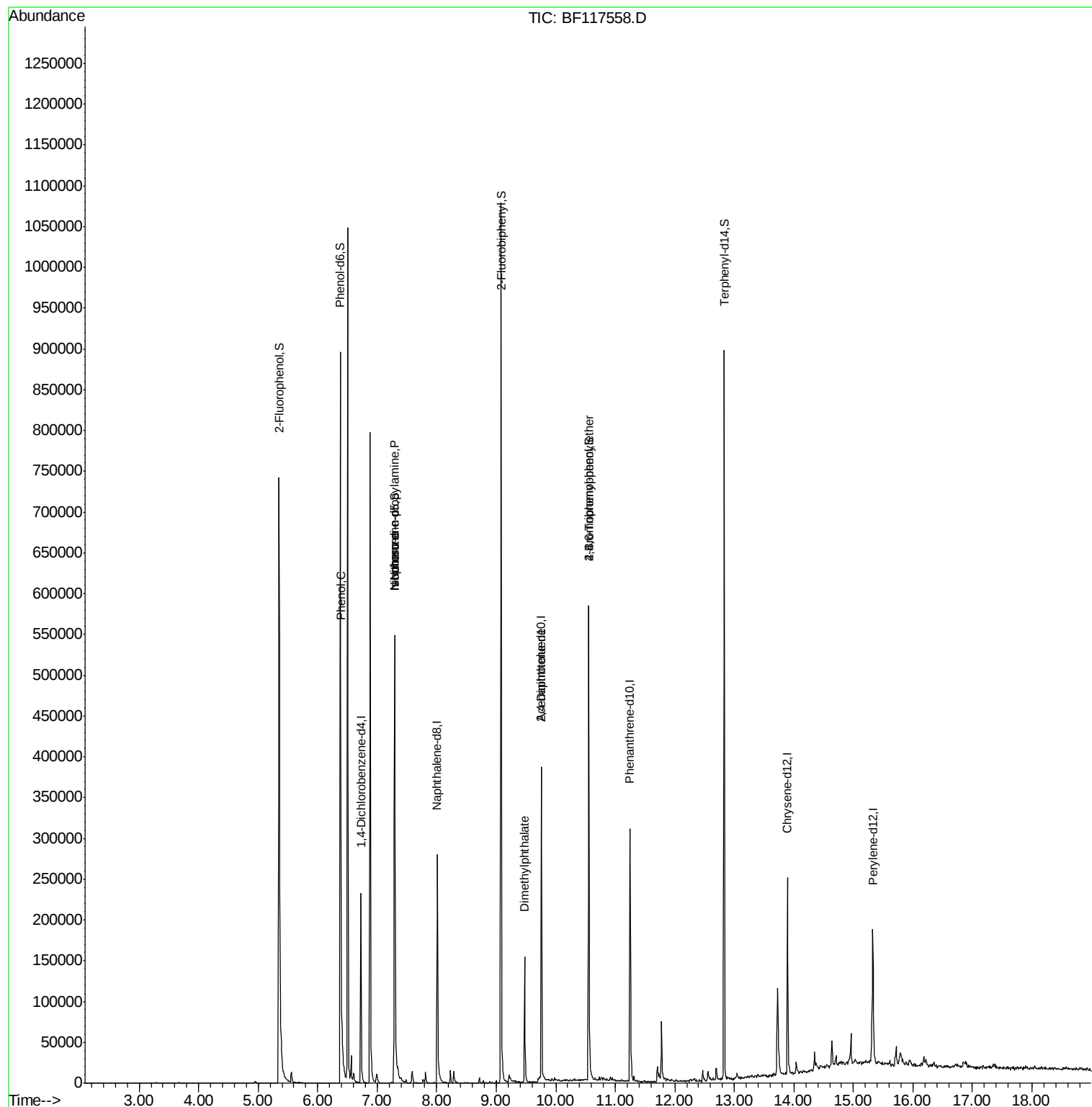
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.38	77	496	Below Cal	#	3
10) Phenol	6.39	94	9620	2.699	ng	85
19) n-Nitroso-di-n-propylamine	7.29	70	30149	14.138	ng	76
25) Isophorone	7.29	82	227058	40.711	ng	65
50) Dimethylphthalate	9.48	163	69263	12.011	ng	99
57) 2,4-Dinitrotoluene	9.76	165	9927	6.205	ng	12
67) 4-Bromophenyl-phenylether	10.55	248	4303	3.146	ng	1
77) Benzidine	12.83	184	3409	Below Cal	#	89

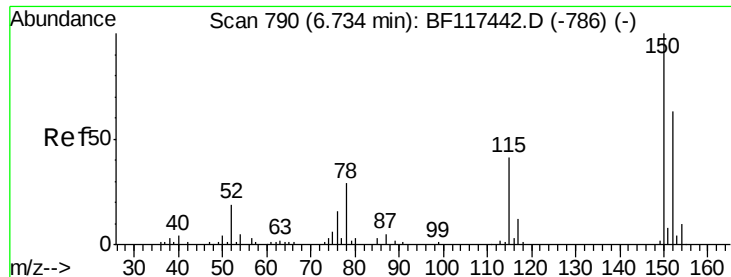
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117558.D
Acq On : 28 Oct 2019 13:50
Operator : JU
Sample : K5502-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 14:04:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration



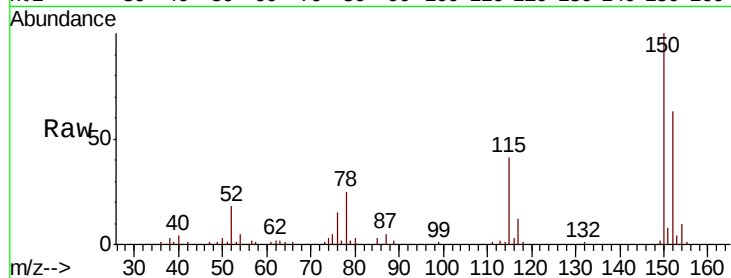


#1

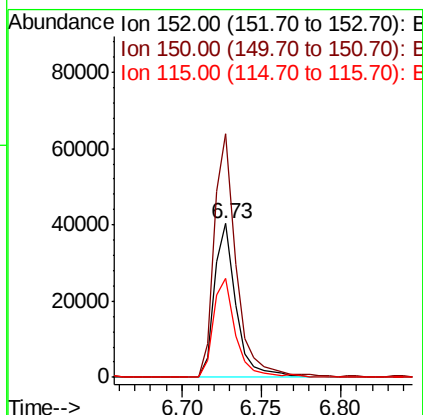
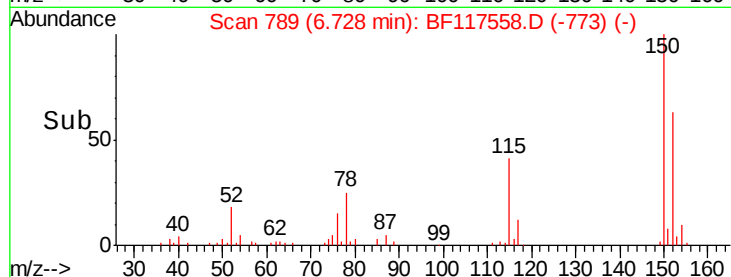
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 38676
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.8 190.2
 115 64.5 51.6 77.4



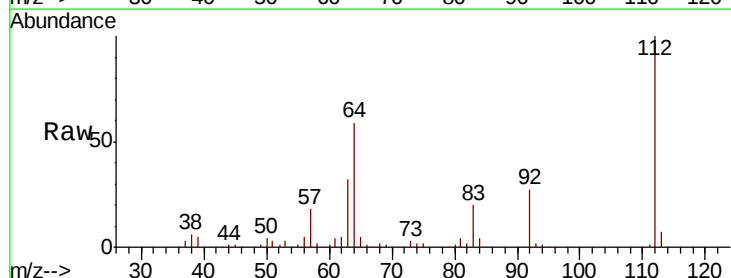
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



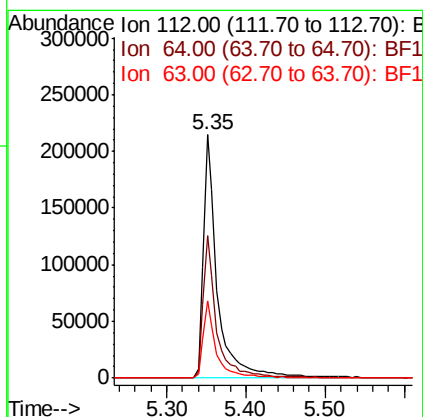
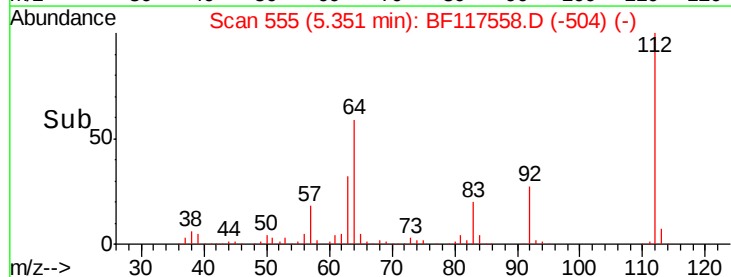
#5

2-Fluorophenol
 Concen: 103.385 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

Tgt Ion:112 Resp: 268772
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.1 66.1
 63 31.6 23.4 35.2



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: 106.528 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

Instrument :

BNA_E

ClientSampleId :

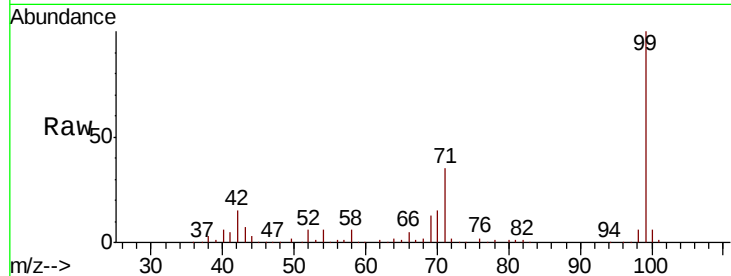
Tot Ion: 99 Resp: 371965

Ion Ratio Lower Upper

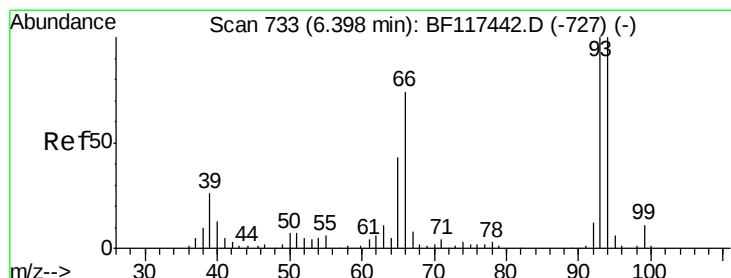
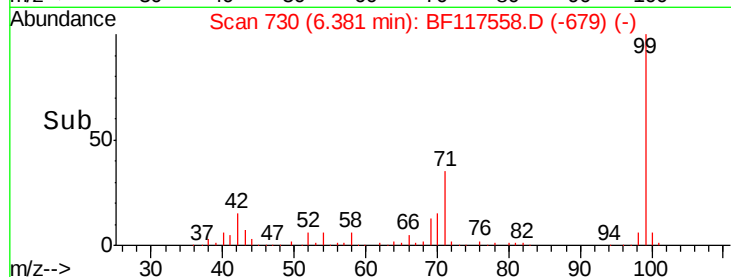
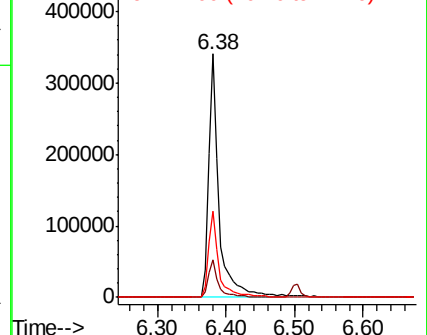
99 100

42 15.4 12.8 19.2

71 35.1 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: 2.699 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

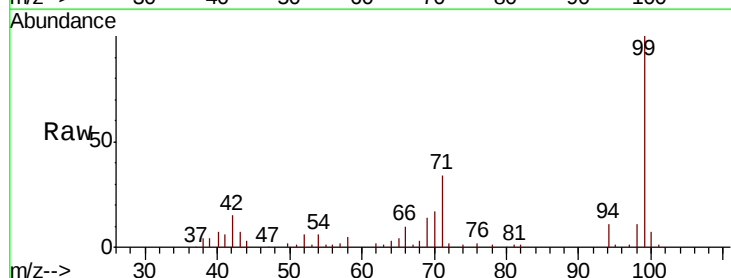
Tgt Ion: 94 Resp: 9620

Ion Ratio Lower Upper

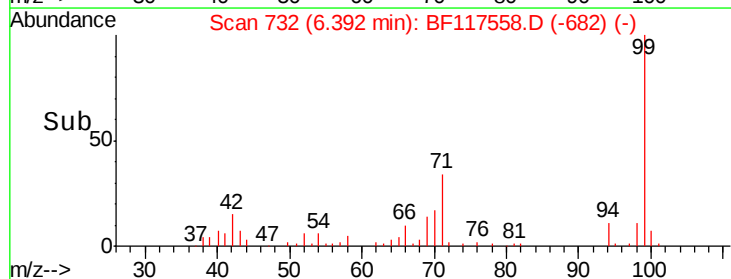
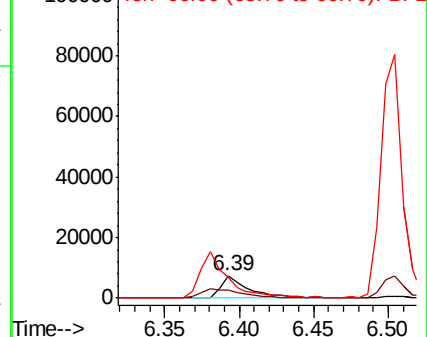
94 100

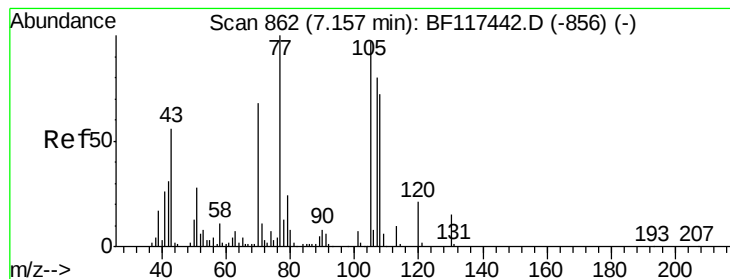
65 38.3 23.4 63.4

66 91.1 54.7 94.7



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: 14.138 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 30149

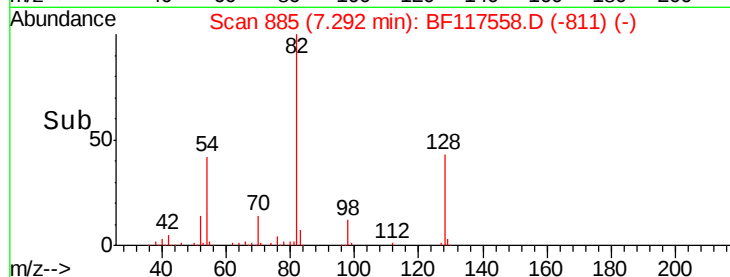
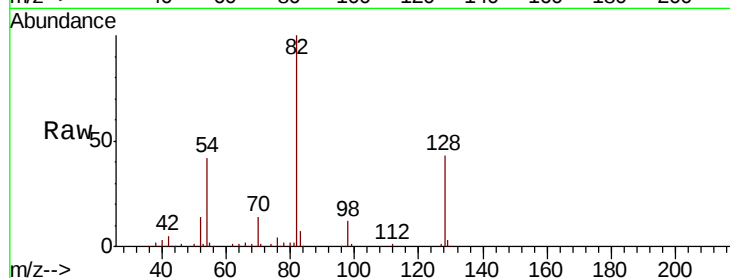
Ion Ratio Lower Upper

70 100

42 36.9 36.7 55.1

101 0.0 8.3 12.5#

130 2.2 18.1 27.1#

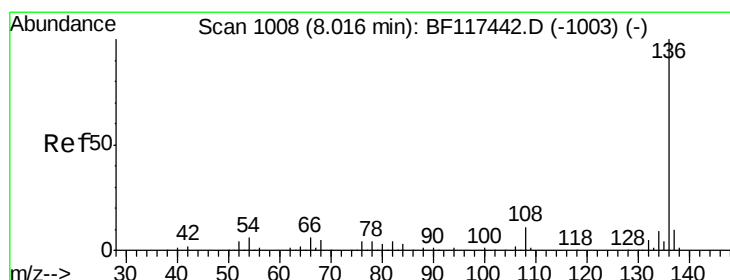
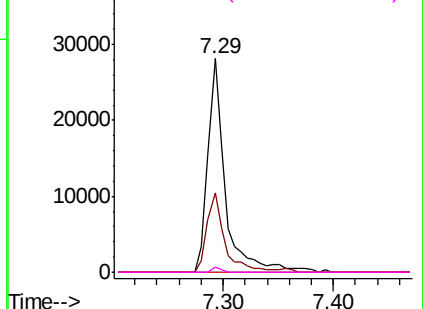


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

Tgt Ion:136 Resp: 159165

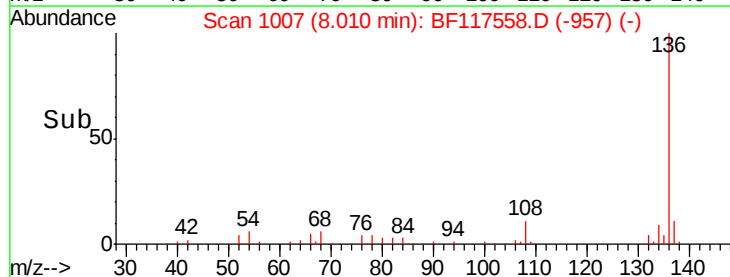
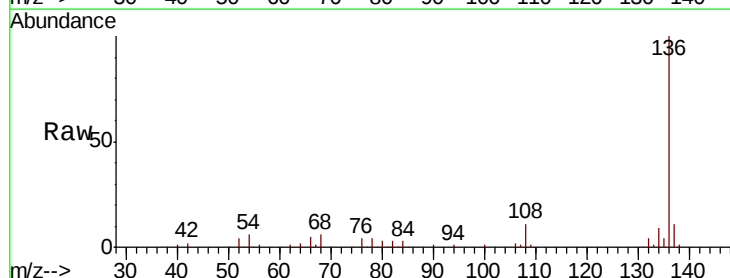
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 6.1 4.5 6.7

68 5.7 4.3 6.5

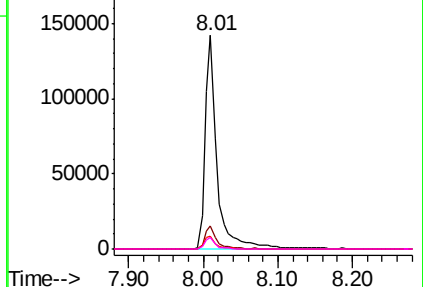


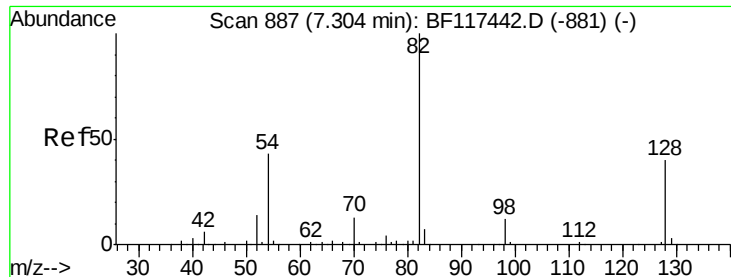
Abundance Ion 136.00 (135.70 to 136.70): E

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

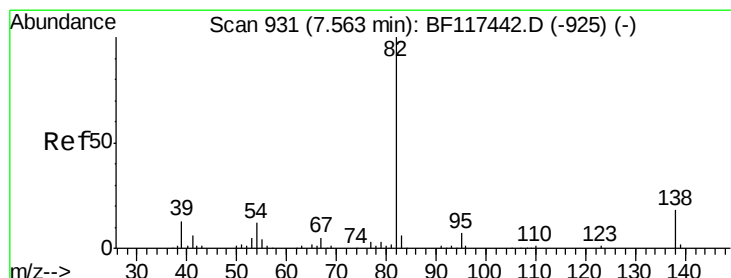
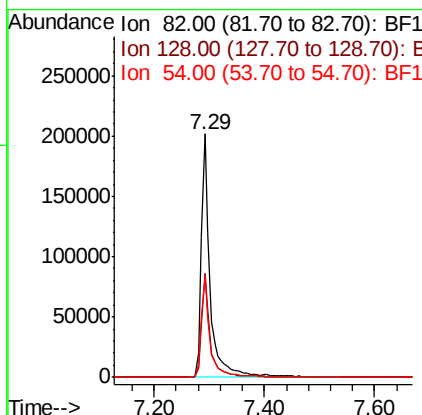
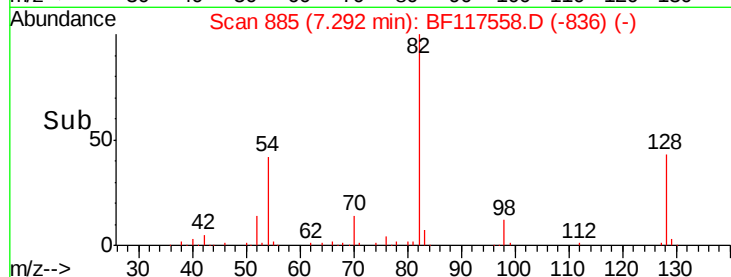
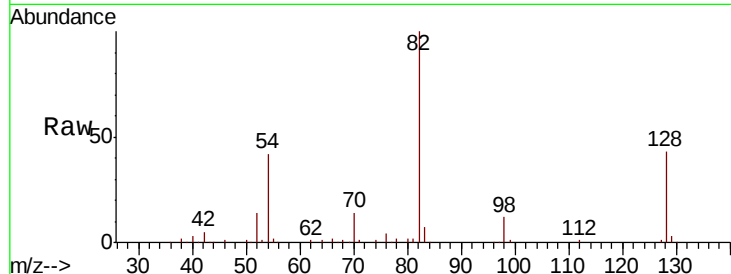




#23
 Nitrobenzene-d5
 Concen: 70.426 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

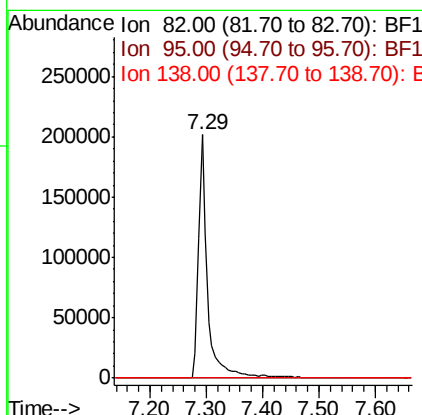
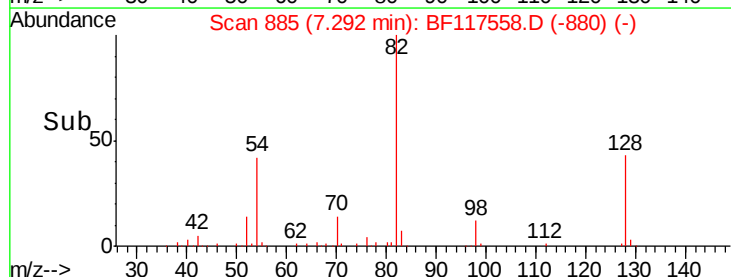
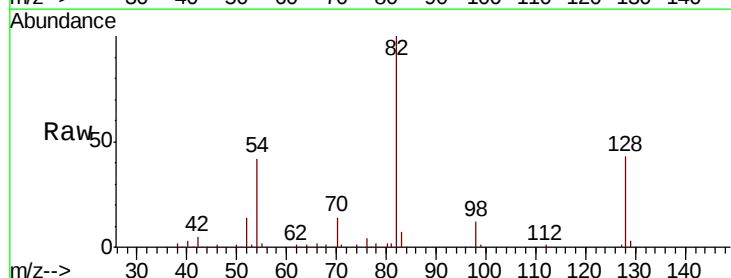
Instrument :
 BNA_E
 ClientSampleId :

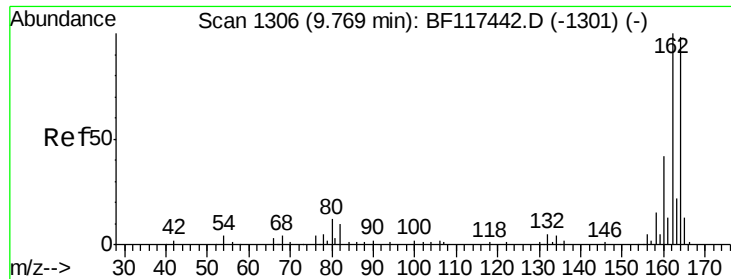
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	41.5	34.2	51.2



#25
 Isophorone
 Concen: 40.711 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.27 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

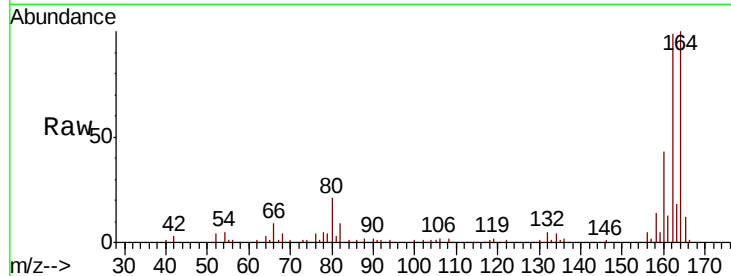




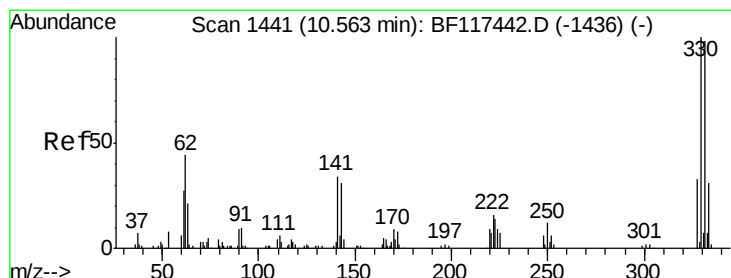
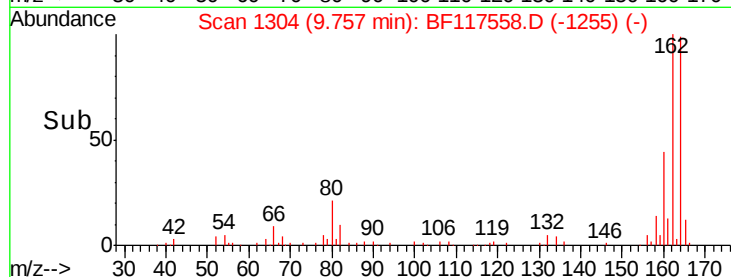
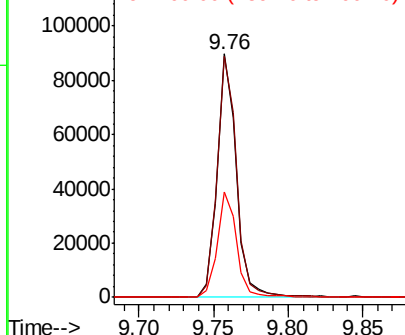
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 80888
Ion Ratio Lower Upper
164 100
162 98.9 81.8 122.6
160 43.3 34.4 51.6

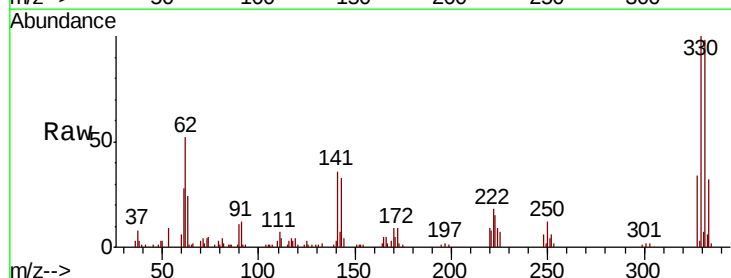


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

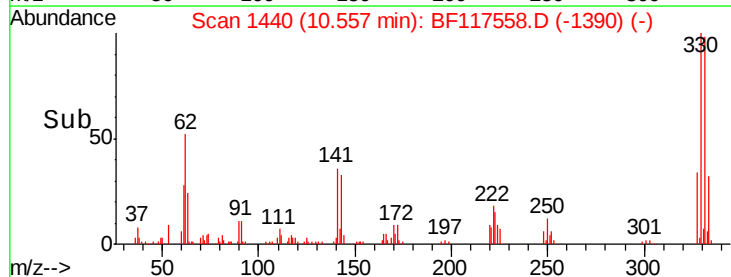
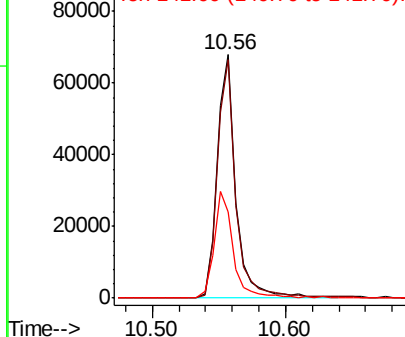


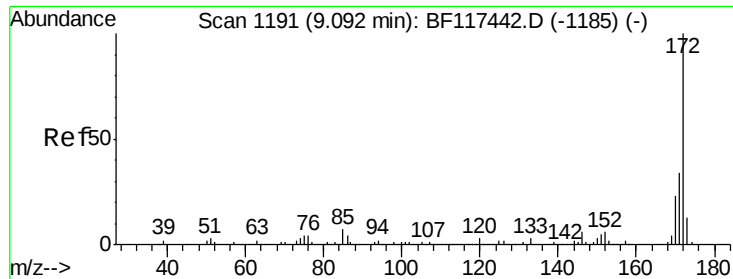
#42
2,4,6-Tribromophenol
Concen: 96.205 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:330 Resp: 67333
Ion Ratio Lower Upper
330 100
332 97.5 78.5 117.7
141 44.3 37.0 55.6



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

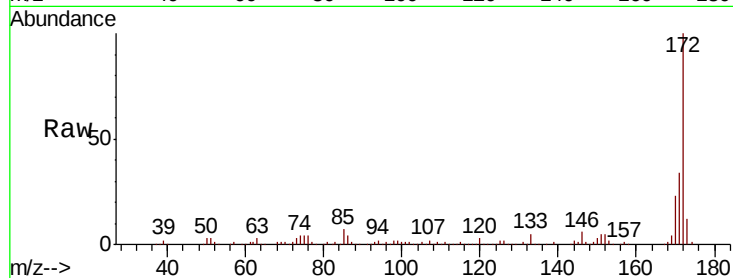




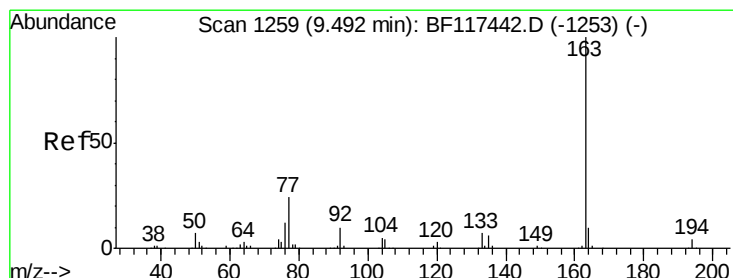
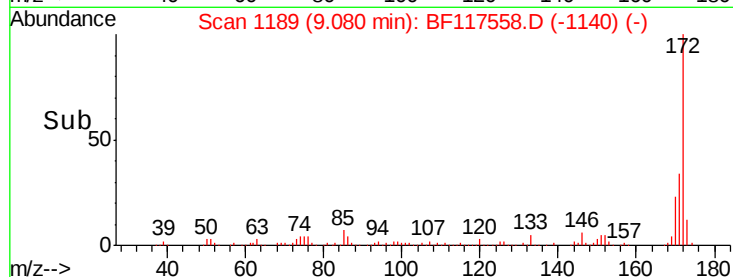
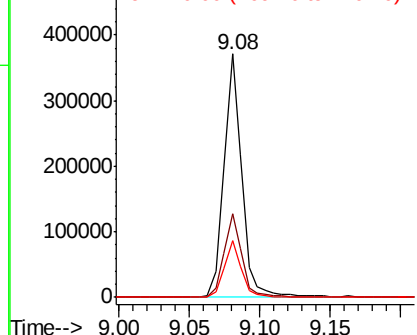
#45
2-Fluorobiphenyl
Concen: 56.854 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 326393
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 23.2 18.6 27.8

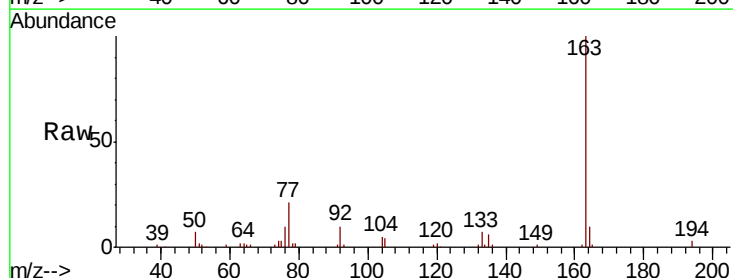


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

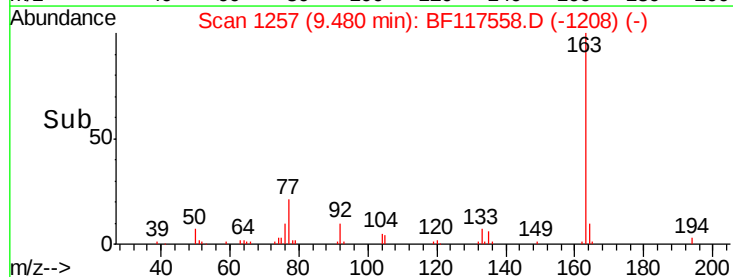
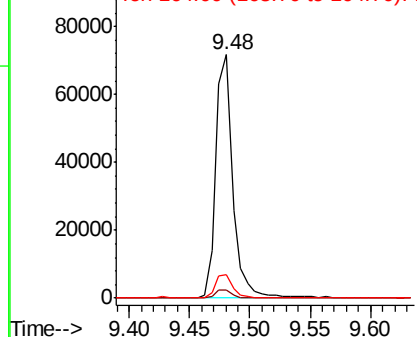


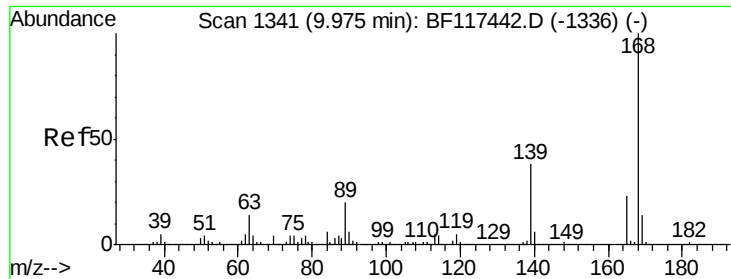
#50
Dimethylphthalate
Concen: 12.011 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:163 Resp: 69263
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.8 8.2 12.2



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

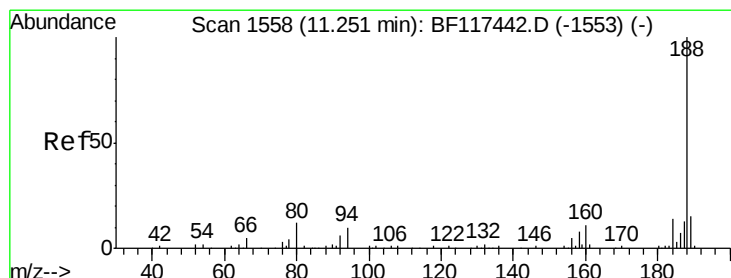
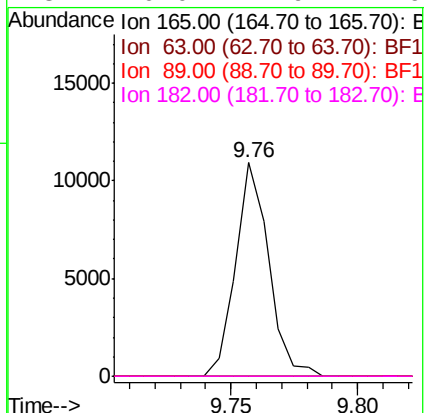
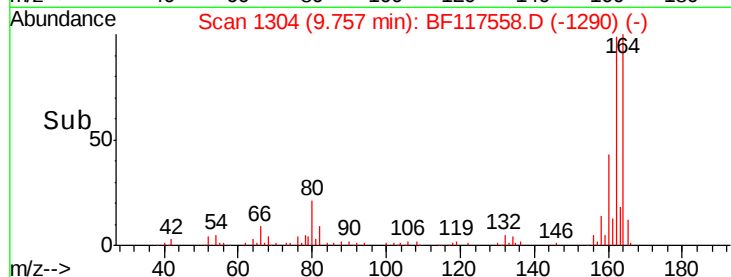
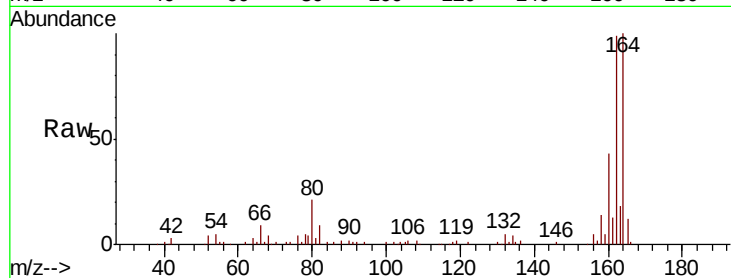




#57
2,4-Dinitrotoluene
Concen: 6.205 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

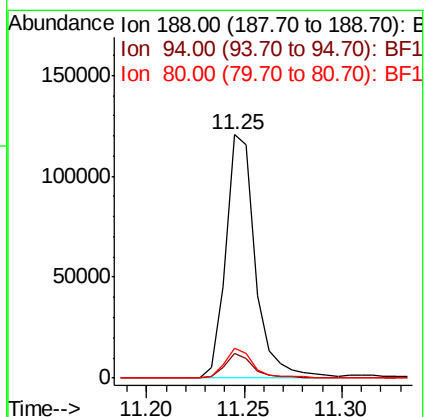
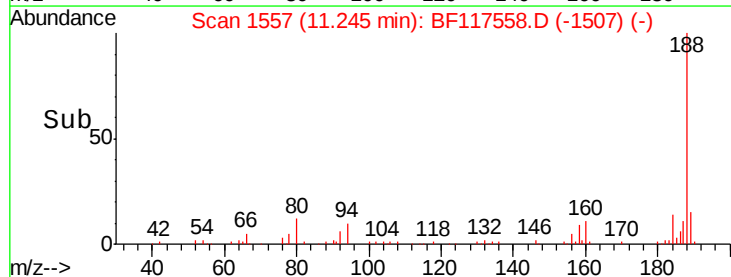
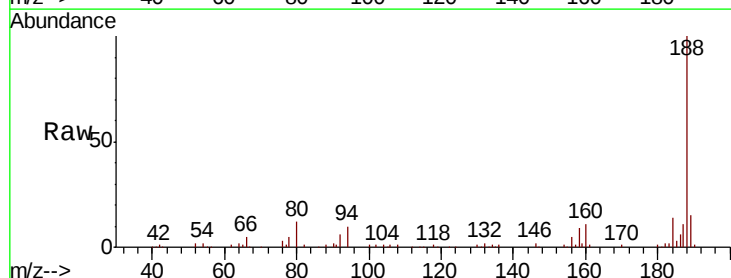
Instrument :
BNA_E
ClientSampleId :

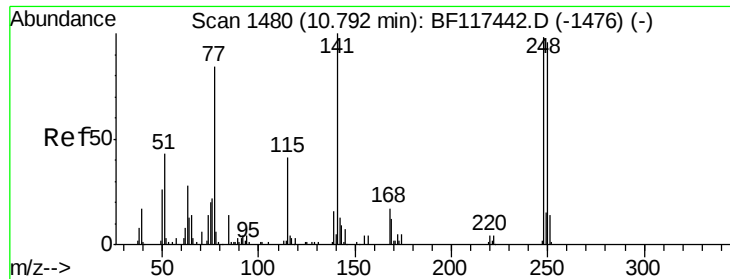
Tot Ion:165 Resp: 9927
Ion Ratio Lower Upper
165 100
63 0.0 51.4 77.0#
89 0.0 69.9 104.9#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117558.D
Acq: 28 Oct 2019 13:50

Tgt Ion:188 Resp: 126990
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 12.2 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 3.146 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

Instrument :

BNA_E

ClientSampleId :

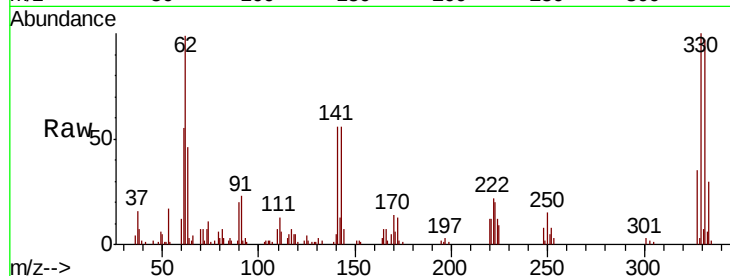
Tot Ion:248 Resp: 4303

Ion Ratio Lower Upper

248 100

250 195.4 78.0 117.0#

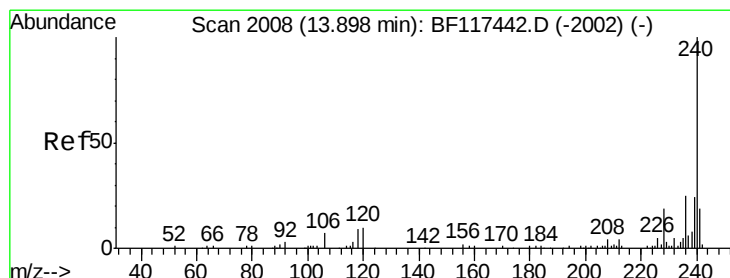
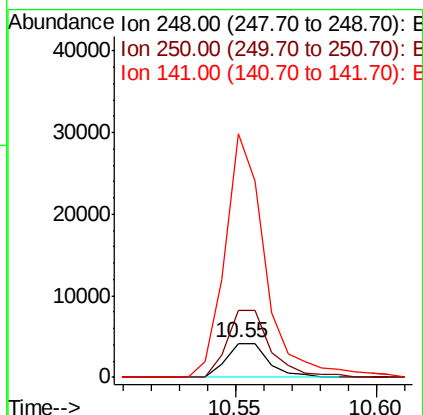
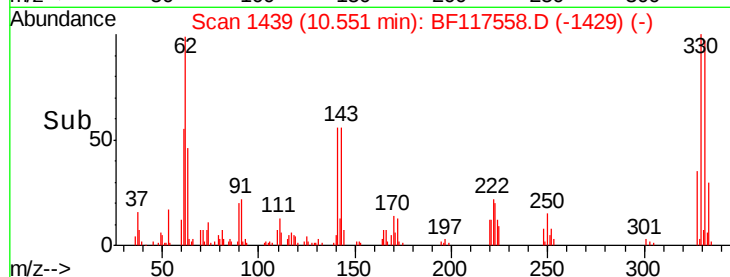
141 709.8 81.7 122.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117558.D

Acq: 28 Oct 2019 13:50

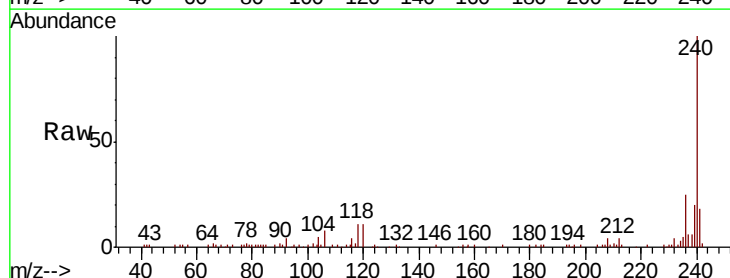
Tgt Ion:240 Resp: 77156

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

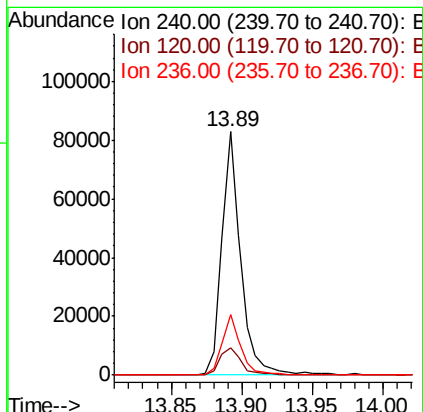
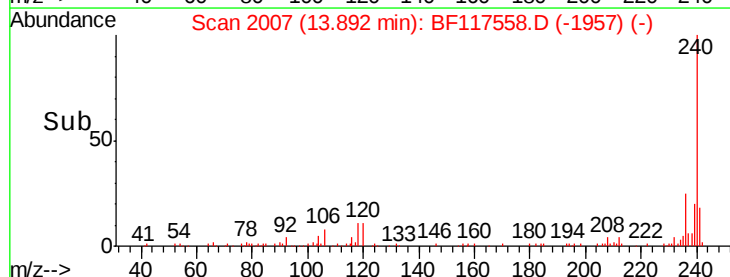
236 24.9 20.0 30.0

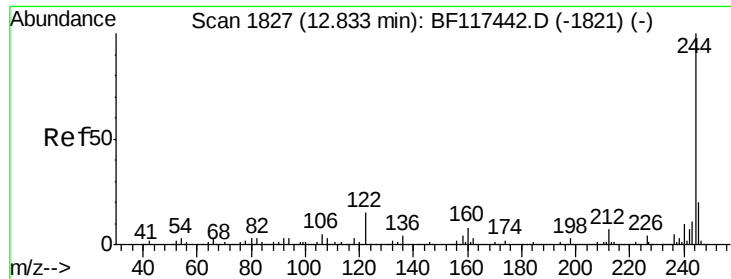


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

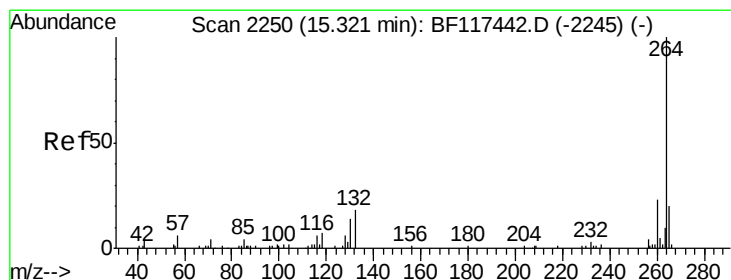
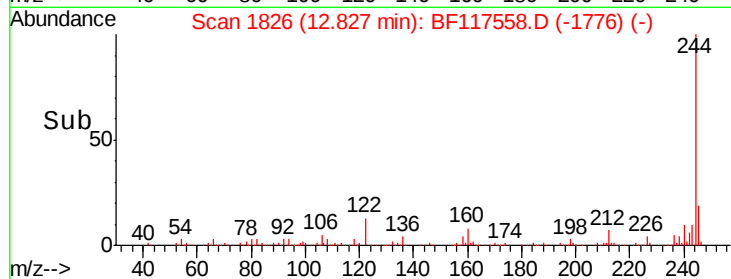
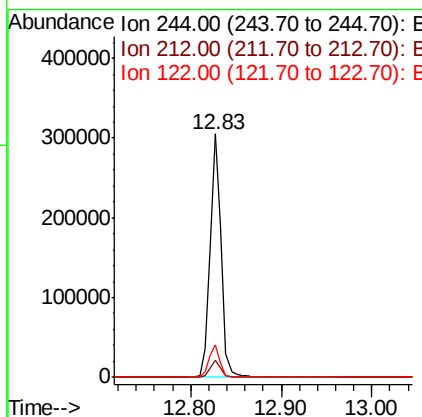
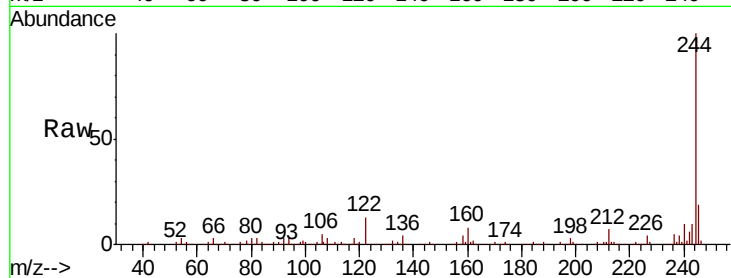




#79
 Terphenyl-d14
 Concen: 55.927 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.4	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117558.D
 Acq: 28 Oct 2019 13:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.6	16.1	24.1

