

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
 Data File : BF112794.D
 Acq On : 1 Mar 2019 12:39
 Operator : JU/SJ
 Sample : PB117470BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BL

Quant Time: Mar 01 21:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	207752	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	818084	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	390898	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	784362	20.00	ng	0.00
76) Chrysene-d12	13.87	240	654654	20.00	ng	0.00
87) Perylene-d12	15.29	264	558147	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1148857	86.02	ng	0.02
7) Phenol-d6	6.37	99	1494328	89.07	ng	0.00
23) Nitrobenzene-d5	7.30	82	923033	67.51	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	452008	108.92	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1692251	68.05	ng	0.00
79) Terphenyl-d14	12.83	244	1810491	53.61	ng	0.00

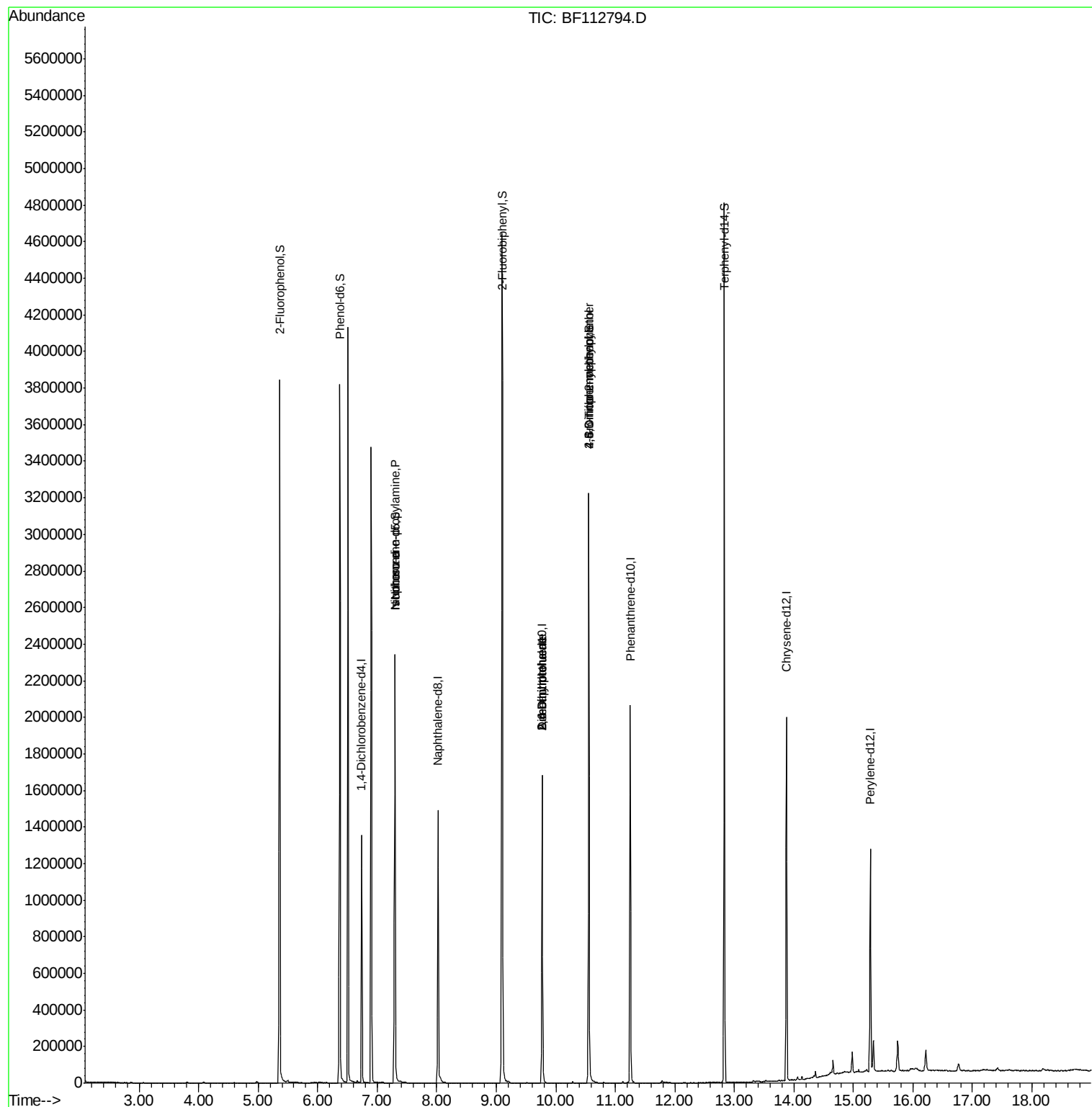
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	121433	11.429	ng	# 77
25) Isophorone	7.30	82	900595	30.577	ng	# 66
50) Dimethylphthalate	9.77	163	104469	3.625	ng	# 1
51) 2,6-Dinitrotoluene	9.77	165	49035	8.170	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	49035	6.572	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.56	198	704	4.810	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	24919	3.016	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112794.D
Acq On : 1 Mar 2019 12:39
Operator : JU/SJ
Sample : PB117470BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117470BL

Quant Time: Mar 01 21:56:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



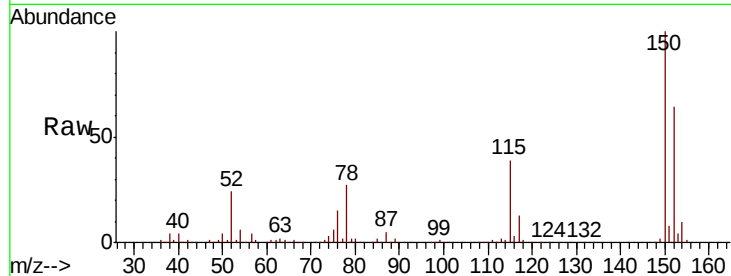


#1

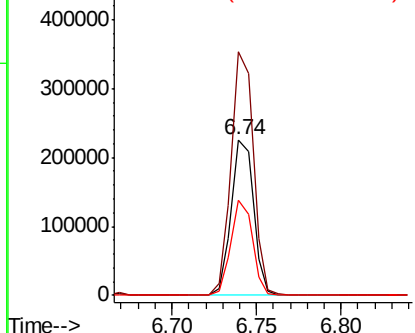
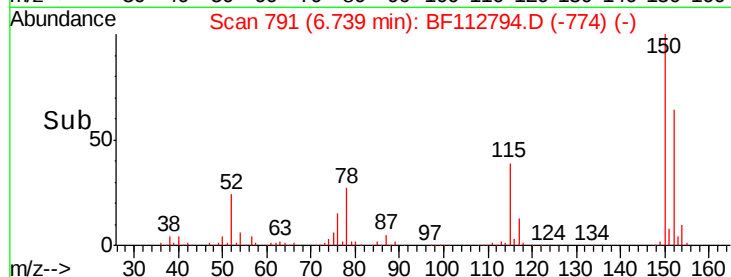
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB117470BL

Tgt Ion:152 Resp: 207752
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 61.4 48.2 72.4



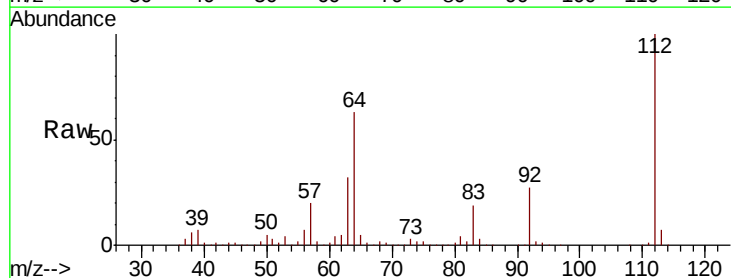
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



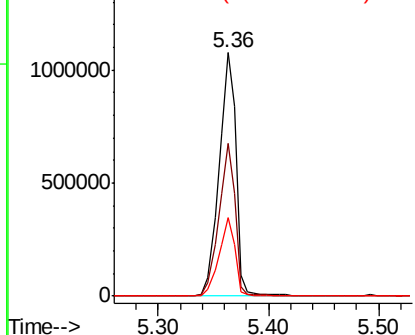
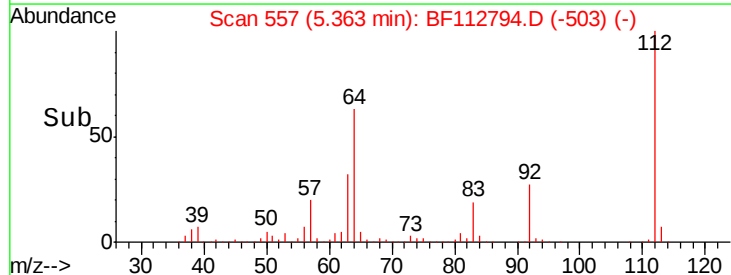
#5

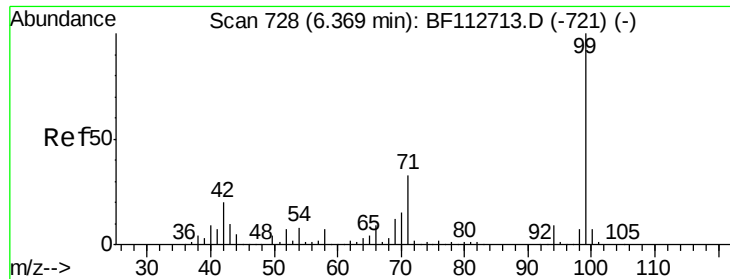
2-Fluorophenol
Concen: 86.021 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Tgt Ion:112 Resp: 1148857
Ion Ratio Lower Upper
112 100
64 63.0 47.6 71.4
63 32.2 24.4 36.6



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: 89.071 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

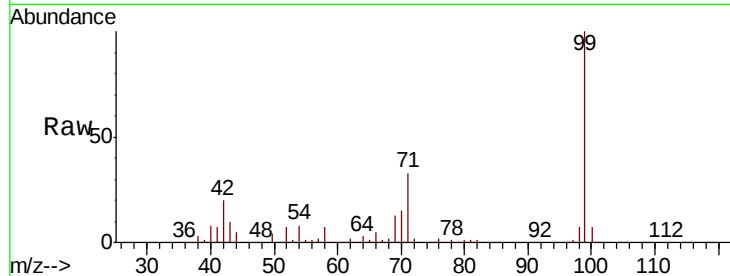
Tgt Ion: 99 Resp: 1494328

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

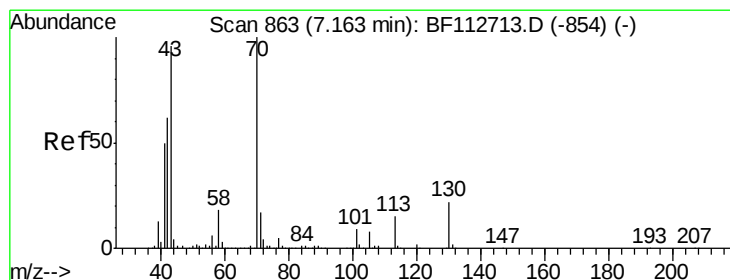
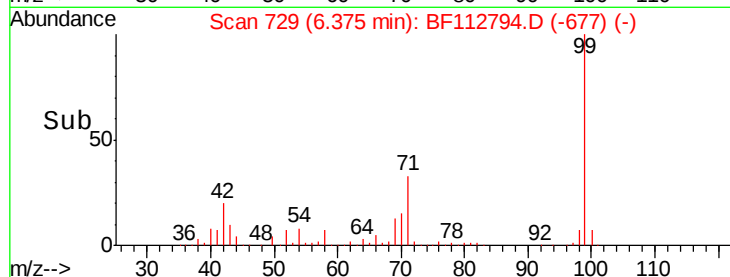
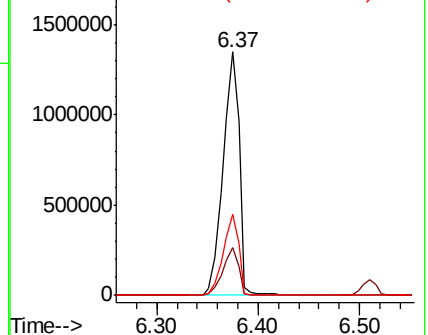
71 33.4 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.429 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Tgt Ion: 70 Resp: 121433

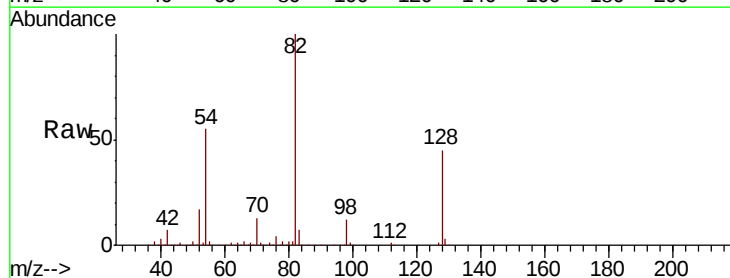
Ion Ratio Lower Upper

70 100

42 50.4 49.9 74.9

101 0.0 7.4 11.2#

130 2.1 17.4 26.2#

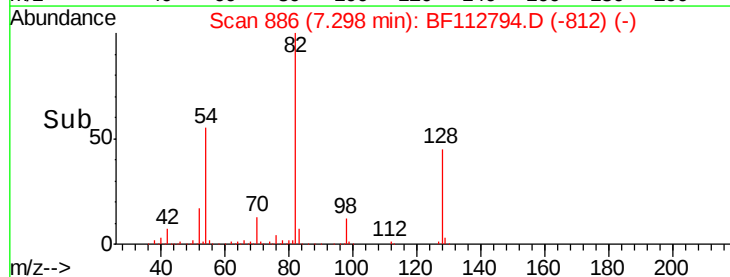
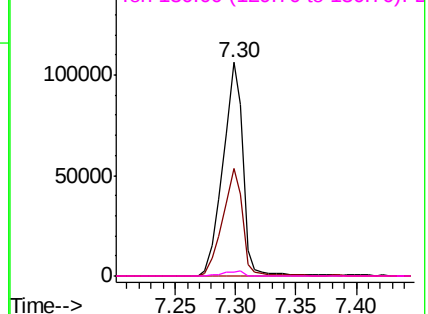


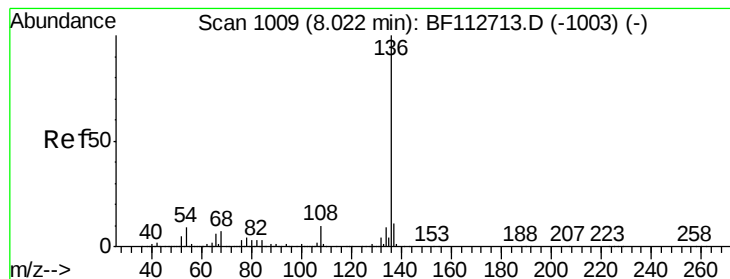
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

Tgt Ion: 136 Resp: 818084

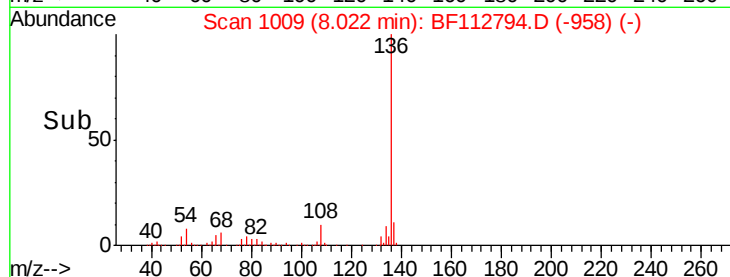
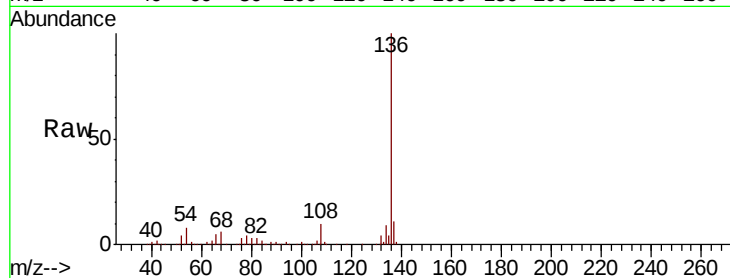
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.3 7.3 10.9

68 6.4 5.4 8.2

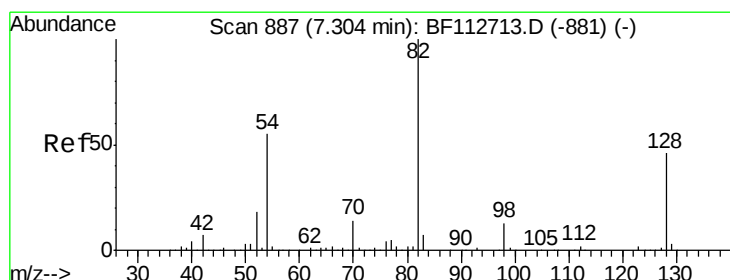
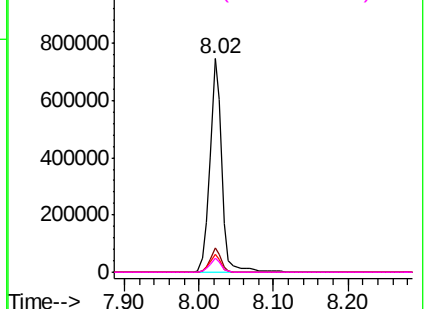


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 67.514 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

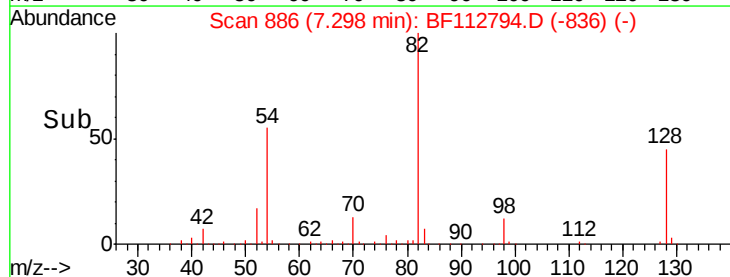
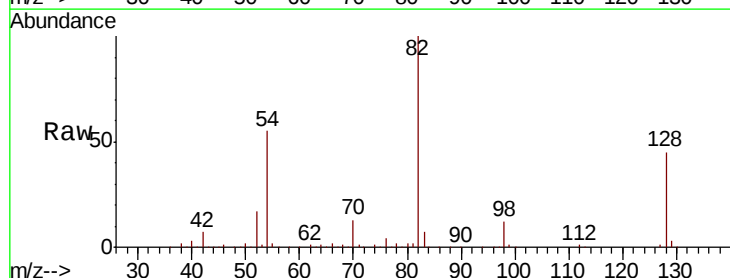
Tgt Ion: 82 Resp: 923033

Ion Ratio Lower Upper

82 100

128 45.2 36.3 54.5

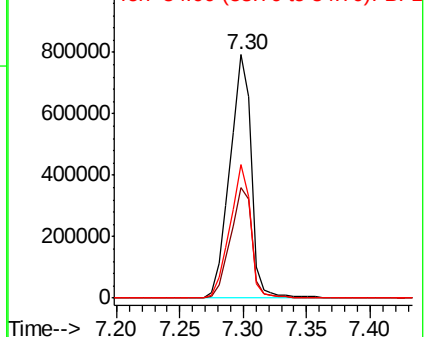
54 54.7 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.577 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

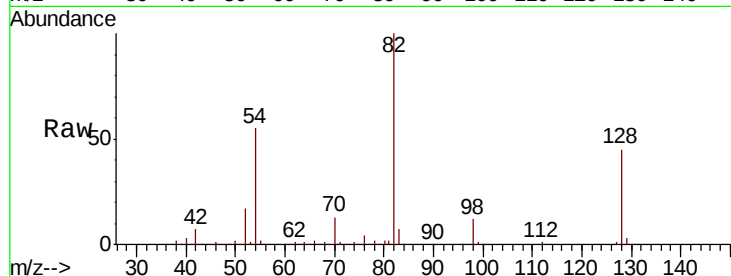
Tgt Ion: 82 Resp: 900595

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

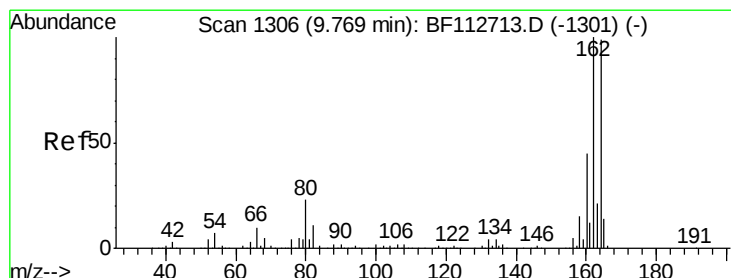
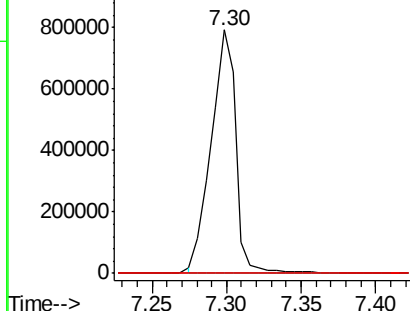
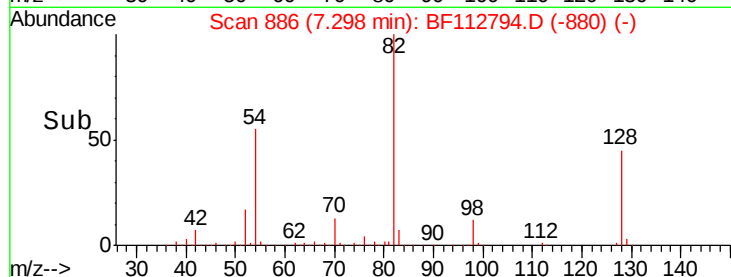
138 0.0 13.8 20.8#



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: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

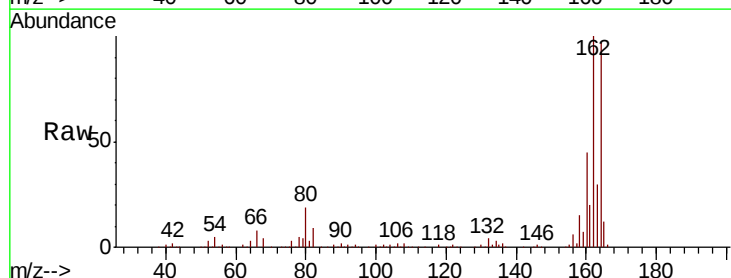
Tgt Ion: 164 Resp: 390898

Ion Ratio Lower Upper

164 100

162 103.4 80.6 120.8

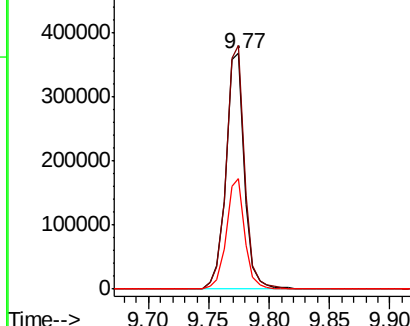
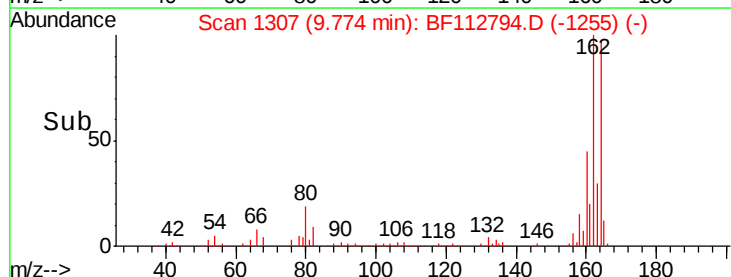
160 46.9 36.0 54.0

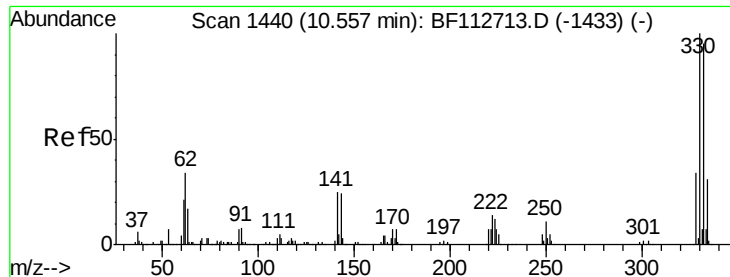


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

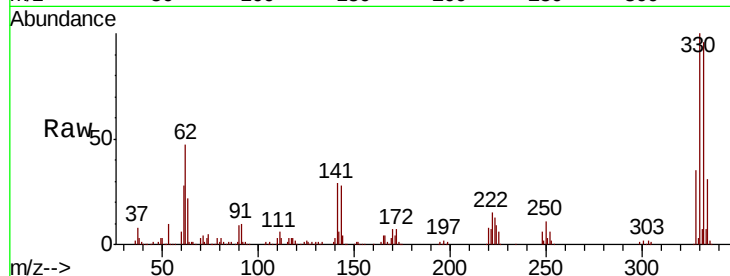




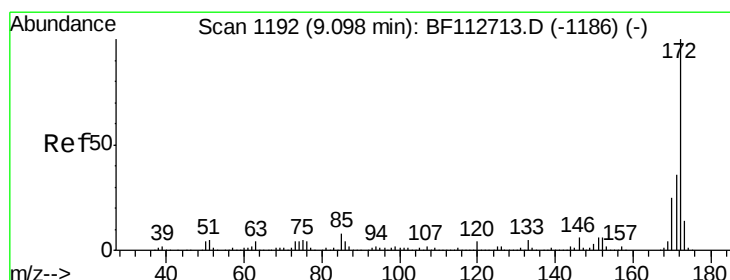
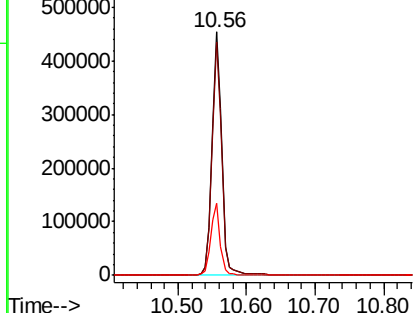
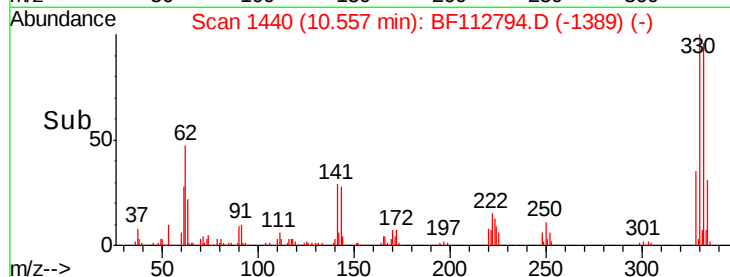
#42
 2,4,6-Tribromophenol
 Concen: 108.921 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB117470BL

Tgt Ion:330 Resp: 452008
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 29.1 27.0 40.6

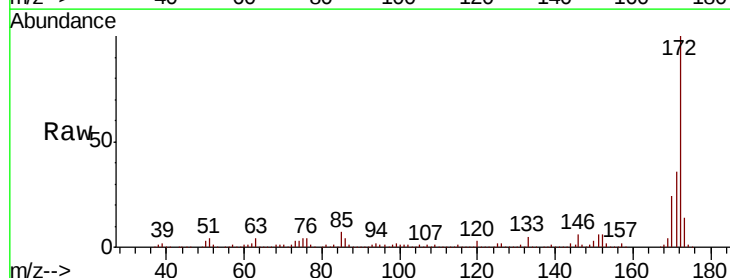


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

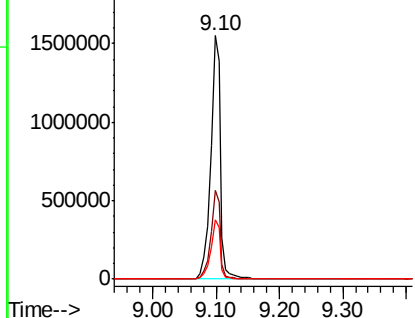
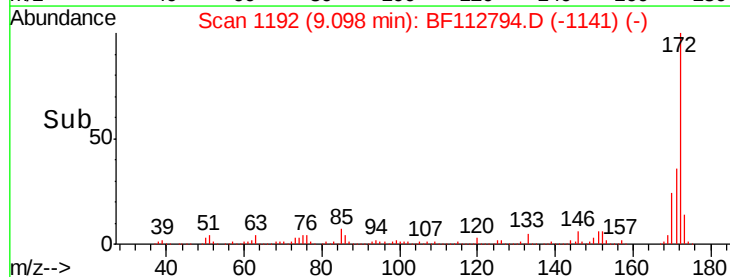


#45
 2-Fluorobiphenyl
 Concen: 68.054 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

Tgt Ion:172 Resp: 1692251
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.4 20.0 30.0



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: 3.625 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.28 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

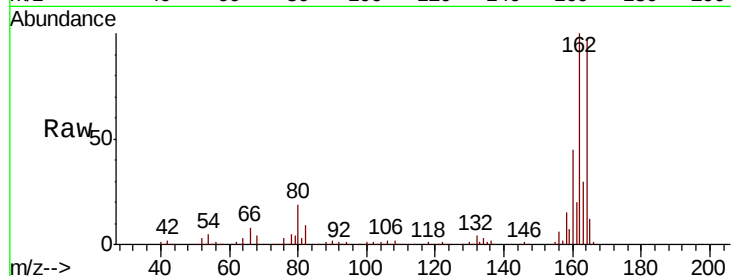
Tgt Ion:163 Resp: 104469

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

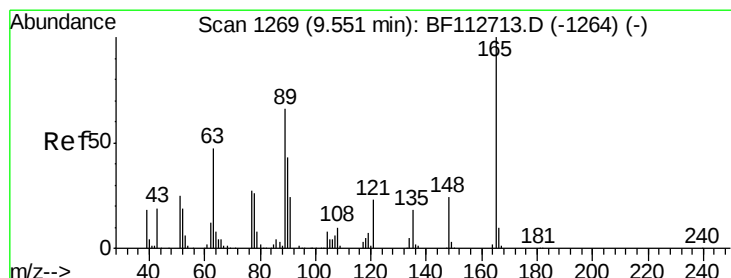
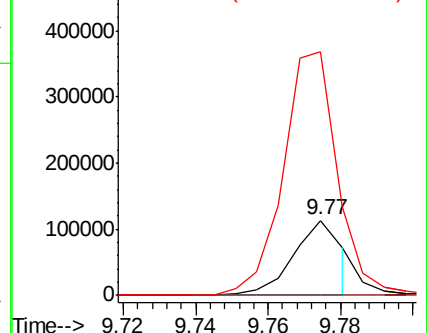
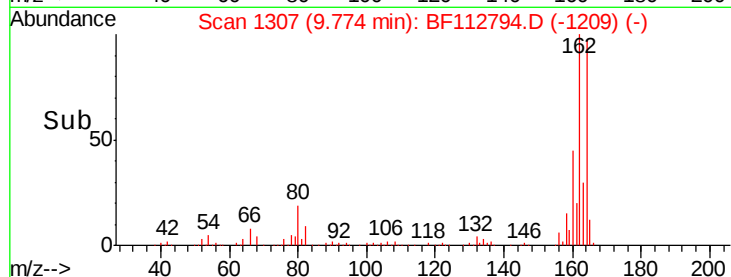
164 325.7 8.4 12.6#



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: 8.170 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.22 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

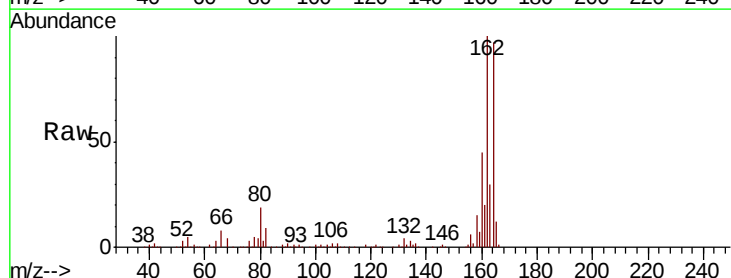
Tgt Ion:165 Resp: 49035

Ion Ratio Lower Upper

165 100

63 1.1 54.1 81.1#

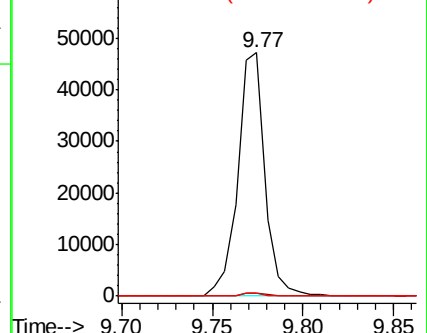
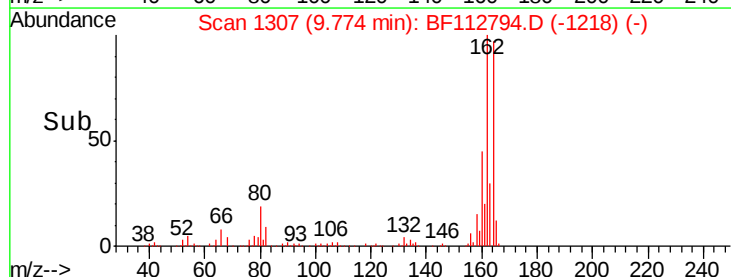
89 1.3 52.8 79.2#



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

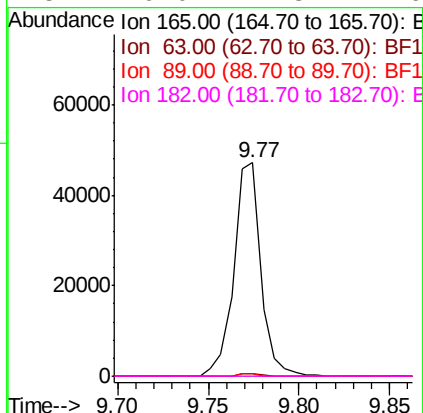
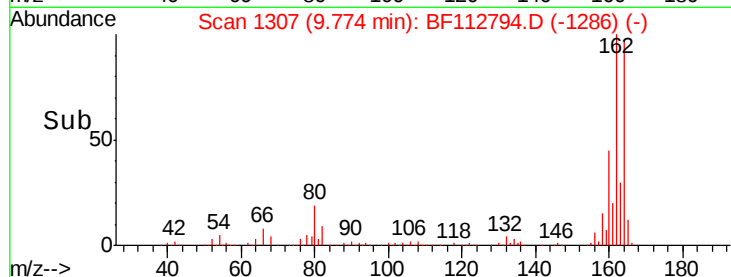
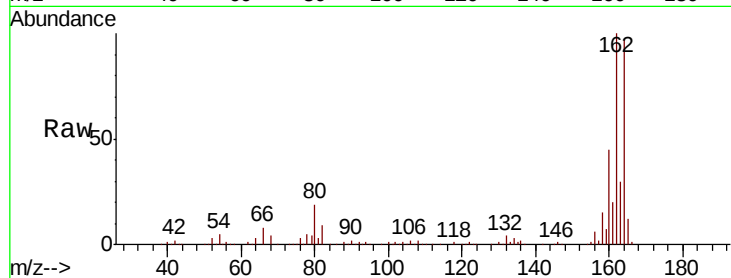




#57
 2,4-Dinitrotoluene
 Concen: 6.572 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

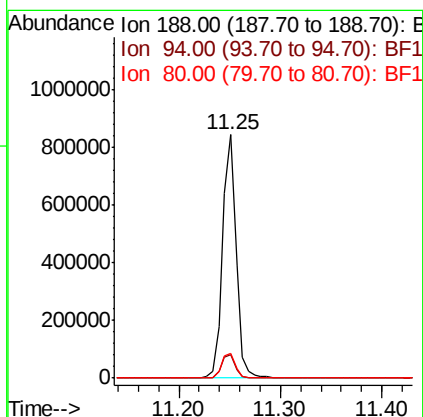
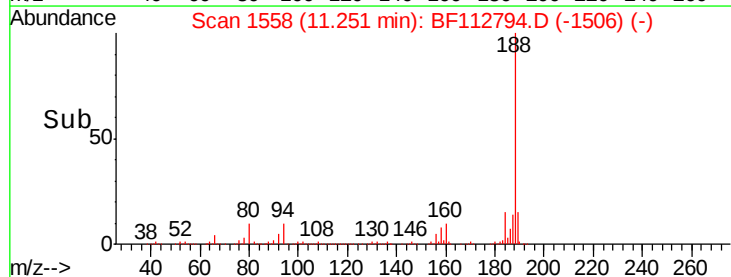
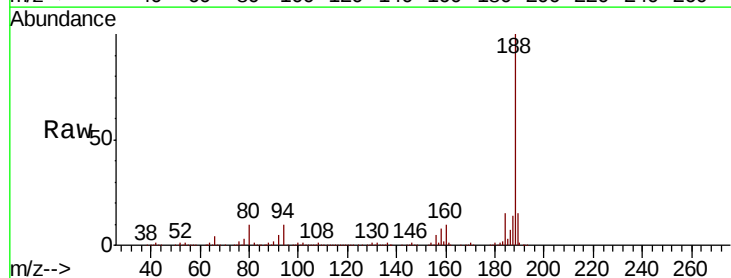
Instrument :
 BNA_F
 ClientSampleId :
 PB117470BL

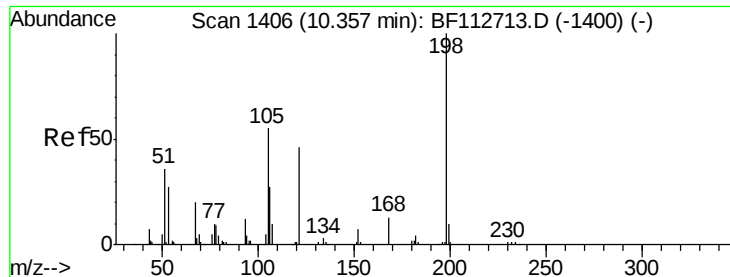
Tgt Ion:	165	Resp:	49035
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF112794.D
 Acq: 1 Mar 2019 12:39

Tgt Ion:	188	Resp:	784362
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.2	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 4.810 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.20 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB117470BL

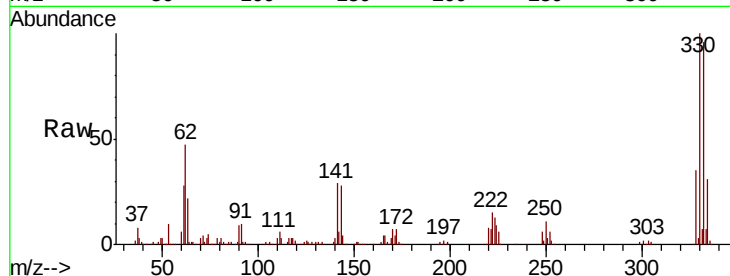
Tgt Ion:198 Resp: 704

Ion Ratio Lower Upper

198 100

51 189.8 43.8 83.8#

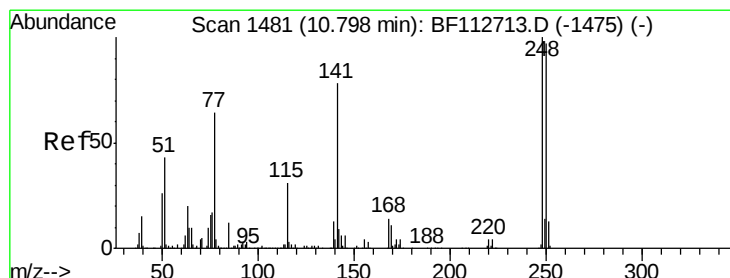
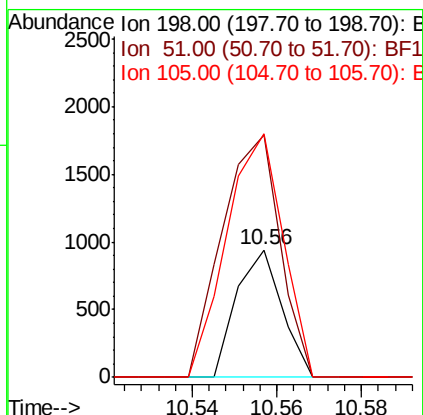
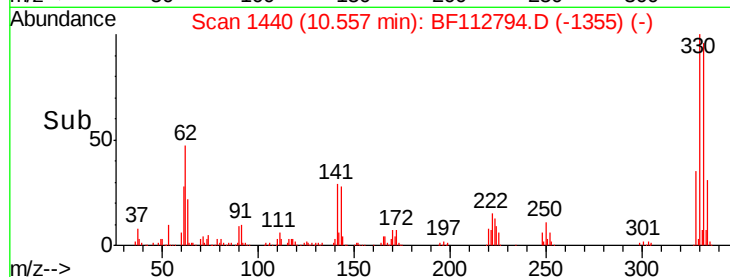
105 191.0 36.5 76.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.016 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF112794.D

Acq: 1 Mar 2019 12:39

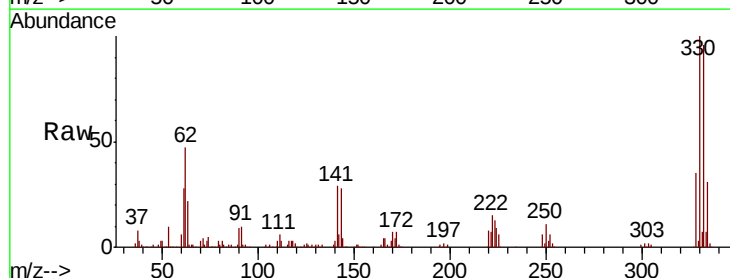
Tgt Ion:248 Resp: 24919

Ion Ratio Lower Upper

248 100

250 197.4 77.5 116.3#

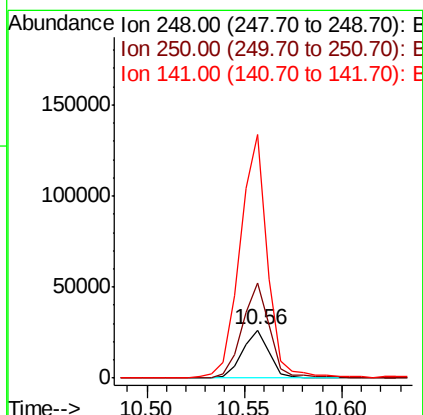
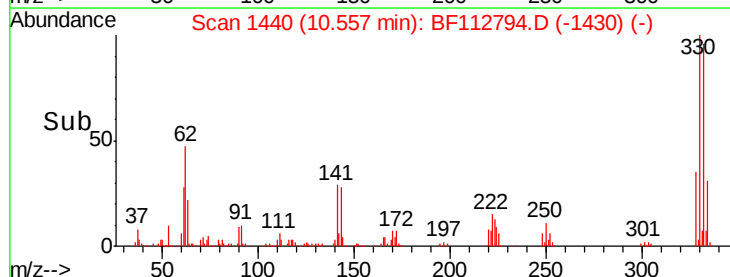
141 507.3 62.4 93.6#



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

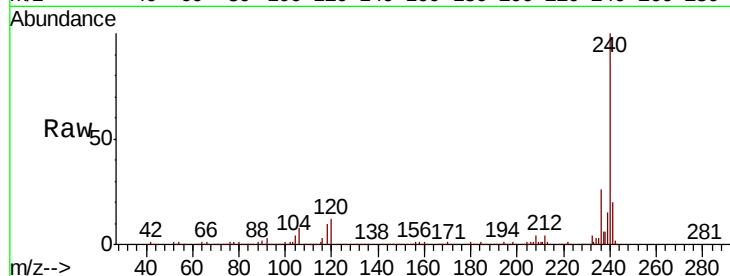




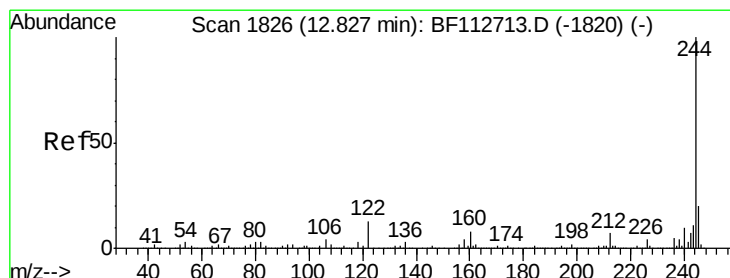
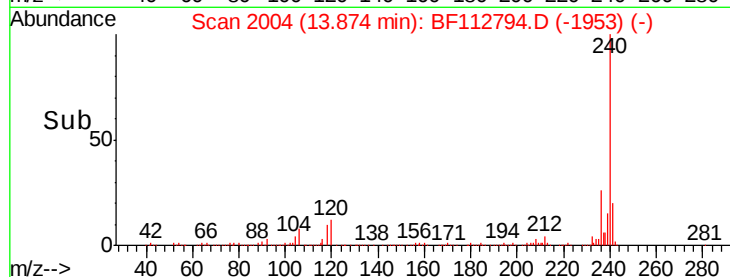
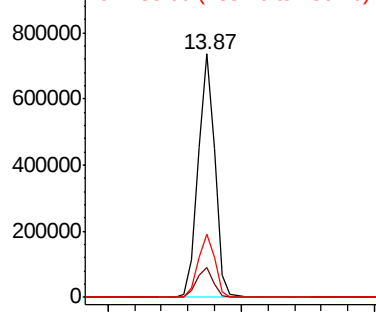
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB117470BL

Tgt Ion:240 Resp: 654654
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.0 20.7 31.1

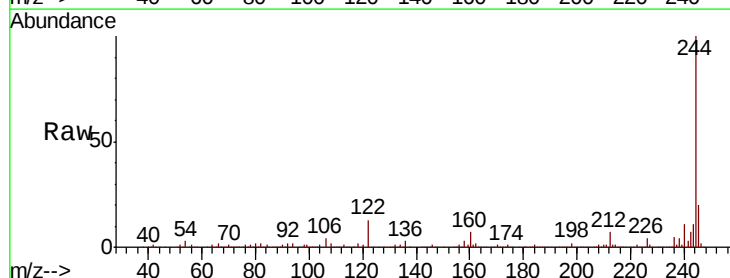


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

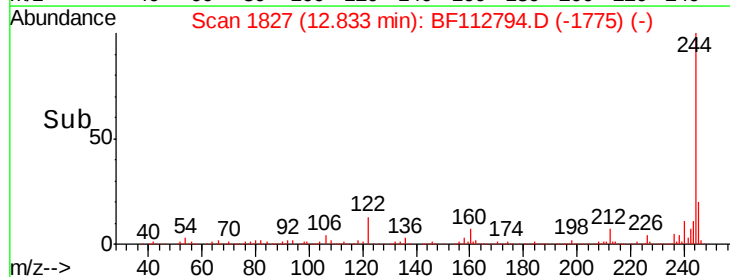
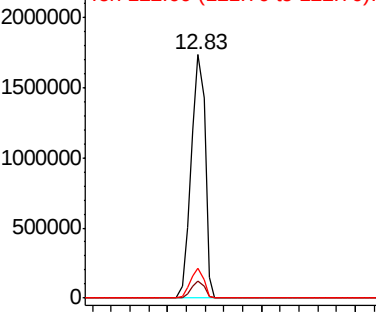


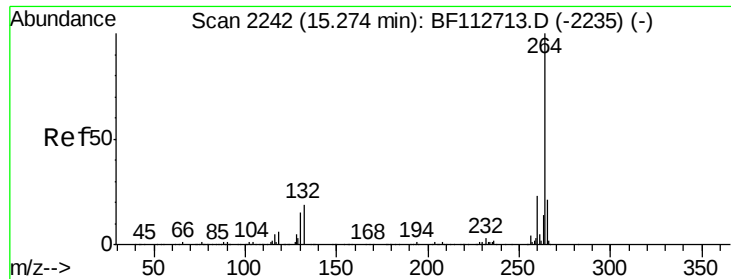
#79
Terphenyl-d14
Concen: 53.610 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Tgt Ion:244 Resp: 1810491
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 12.5 10.5 15.7



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
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112794.D
Acq: 1 Mar 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB117470BL

Tgt Ion: 264 Resp: 558147
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.2 17.2 25.8

