

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111158.D
 Acq On : 7 Dec 2018 00:28
 Operator : JU/SJ
 Sample : J6202-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 02:10:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	475947	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1899973	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	920072	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1523268	20.00	ng	0.00
76) Chrysene-d12	13.96	240	907451	20.00	ng	0.00
87) Perylene-d12	15.39	264	940322	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2539841	83.27	ng	0.00
7) Phenol-d6	6.43	99	3215991	81.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	2017702	62.87	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	663049	90.66	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3323676	63.18	ng	0.00
79) Terphenyl-d14	12.91	244	2456585	55.44	ng	0.00

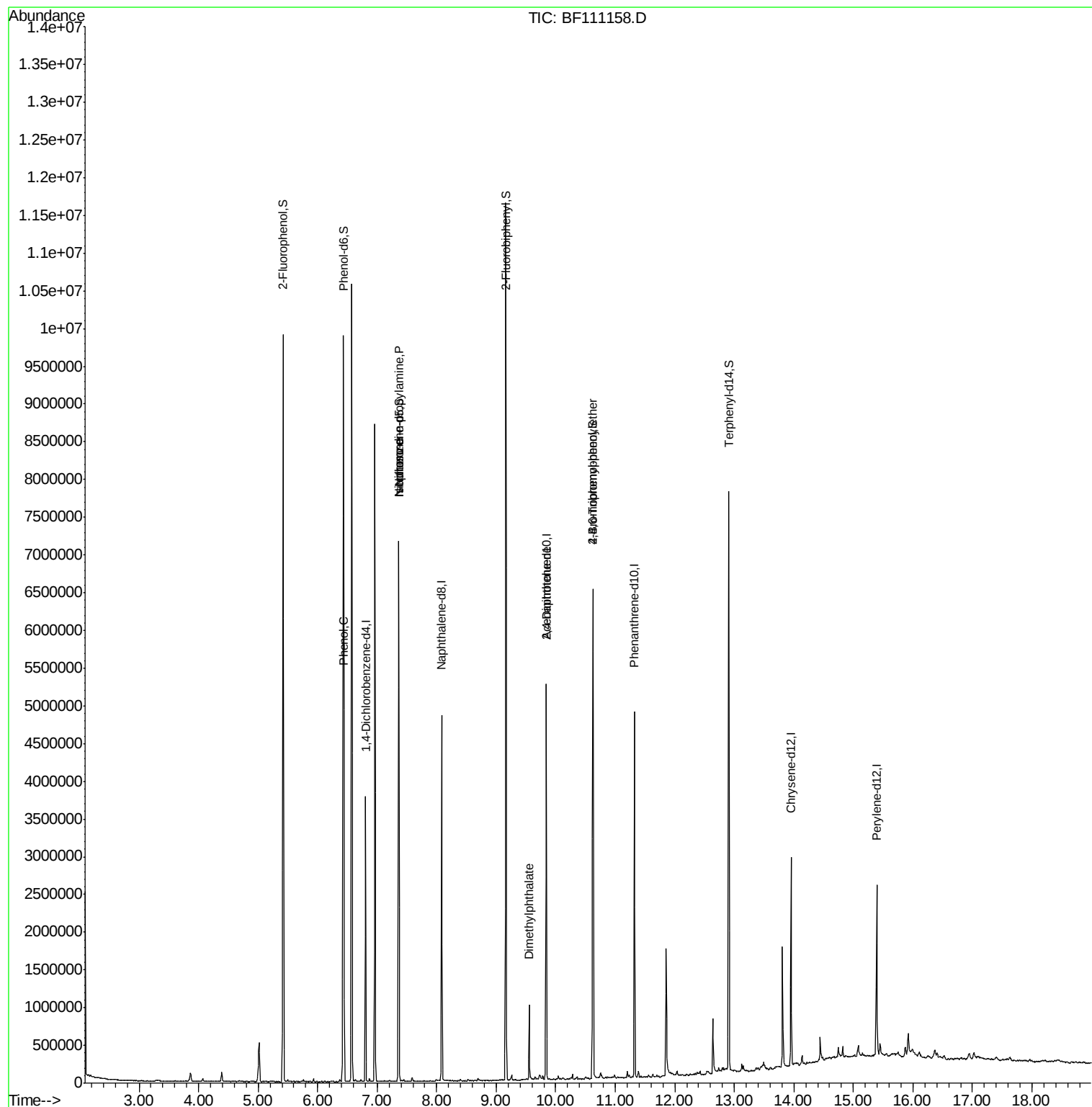
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	7167	Below Cal		# 1
10) Phenol	6.45	94	224969	5.251	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	273488	10.358	ng	# 73
25) Isophorone	7.36	82	2008483	34.102	ng	# 65
50) Dimethylphthalate	9.55	163	358935	5.605	ng	98
57) 2,4-Dinitrotoluene	9.84	165	119745	6.829	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	45108	2.797	ng	# 1

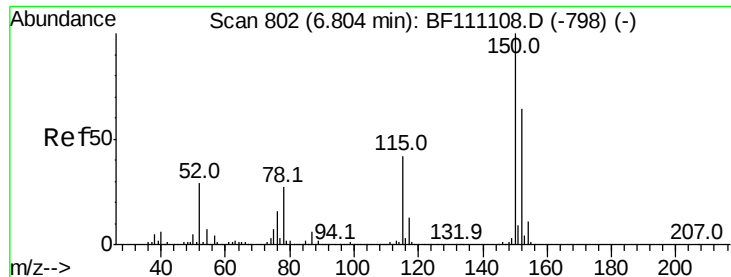
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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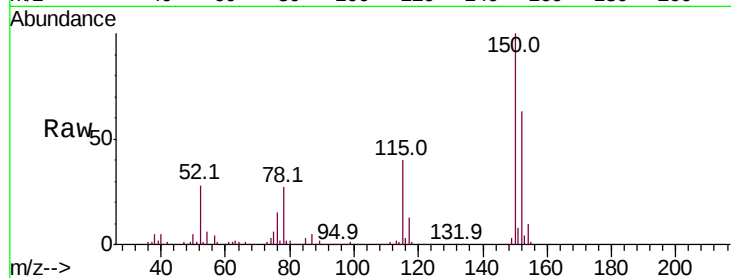


#1

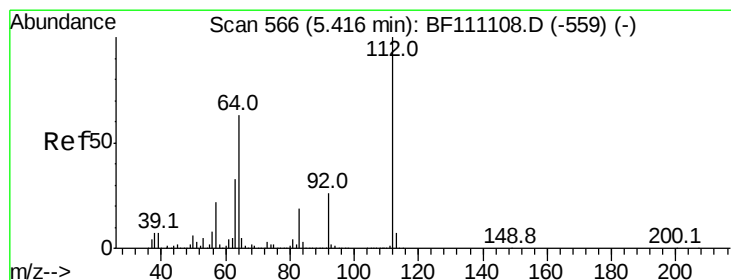
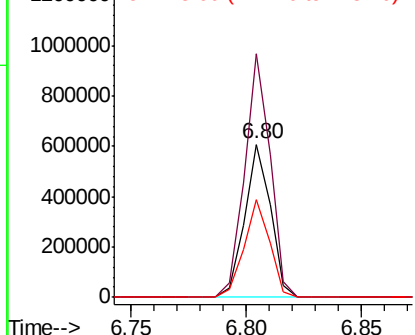
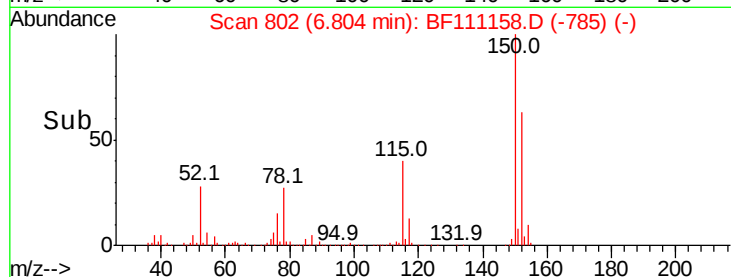
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 475947
Ion Ratio Lower Upper
152 100
150 159.2 124.6 187.0
115 63.6 52.2 78.2



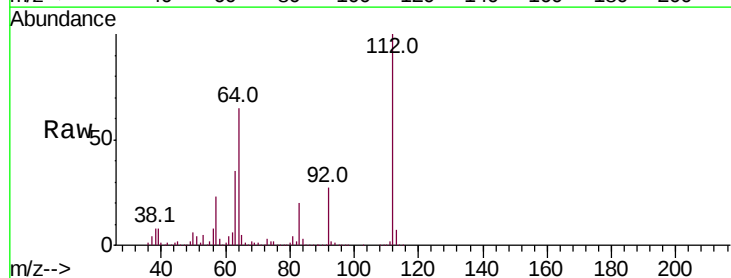
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



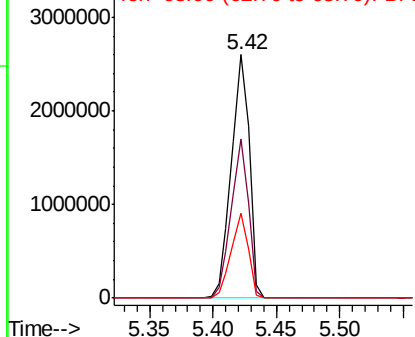
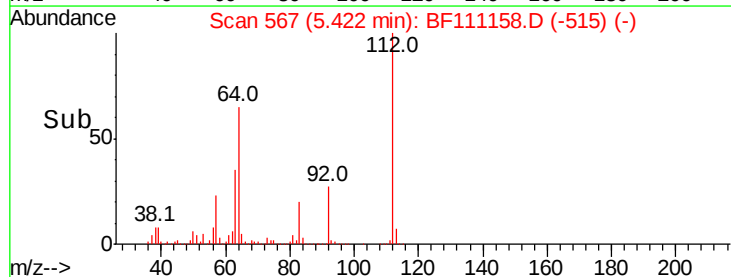
#5

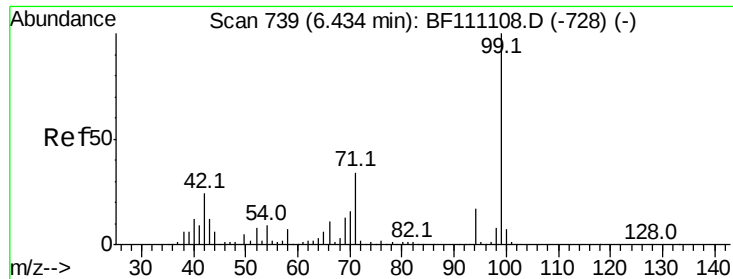
2-Fluorophenol
Concen: 83.272 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Tgt Ion:112 Resp: 2539841
Ion Ratio Lower Upper
112 100
64 65.5 50.2 75.4
63 35.1 26.6 39.8



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: 81.853 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

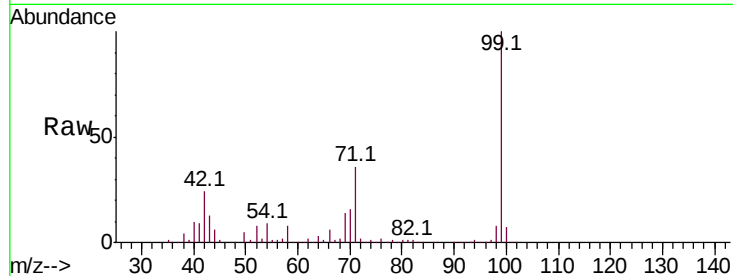
Tot Ion: 99 Resp: 3215991

Ion Ratio Lower Upper

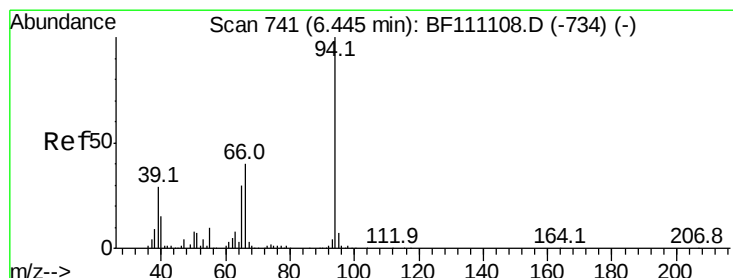
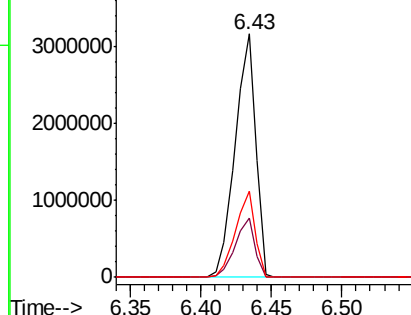
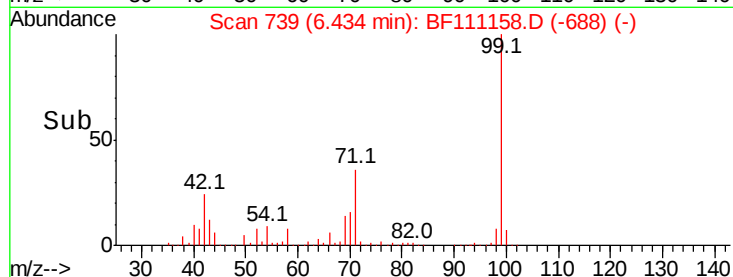
99 100

42 24.4 19.3 28.9

71 35.6 27.4 41.2



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



#10

Phenol

Concen: 5.251 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

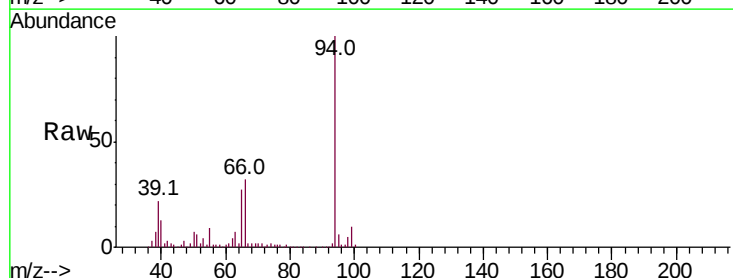
Tgt Ion: 94 Resp: 224969

Ion Ratio Lower Upper

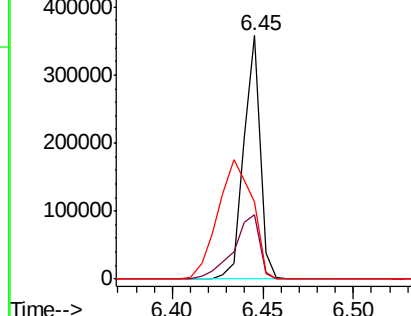
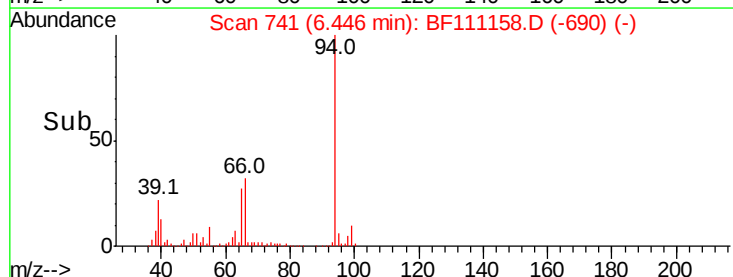
94 100

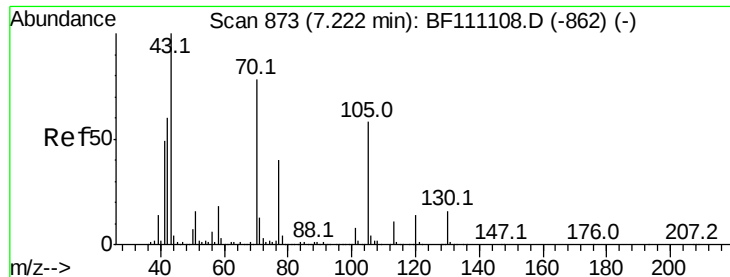
65 26.7 10.5 50.5

66 31.5 19.8 59.8



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: 10.358 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 273488

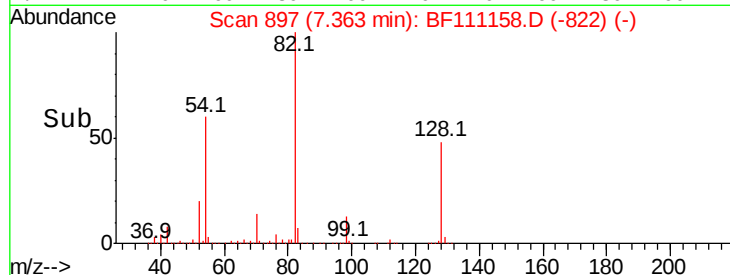
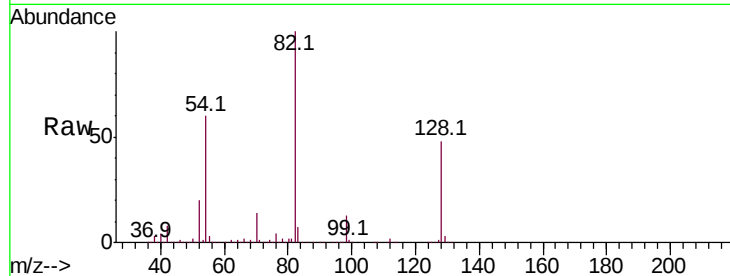
Ion Ratio Lower Upper

70 100

42 56.2 61.3 91.9#

101 0.0 7.7 11.5#

130 2.3 16.3 24.5#

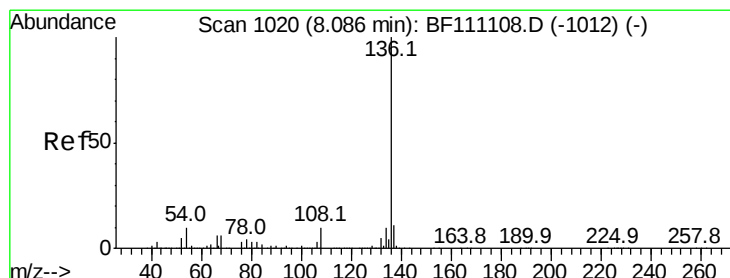
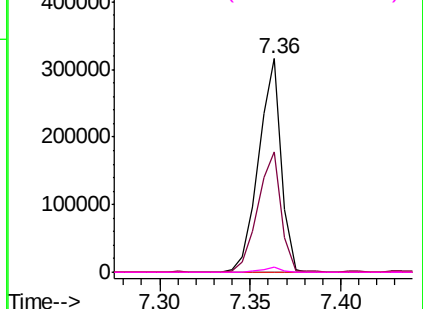


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

Tgt Ion: 136 Resp: 1899973

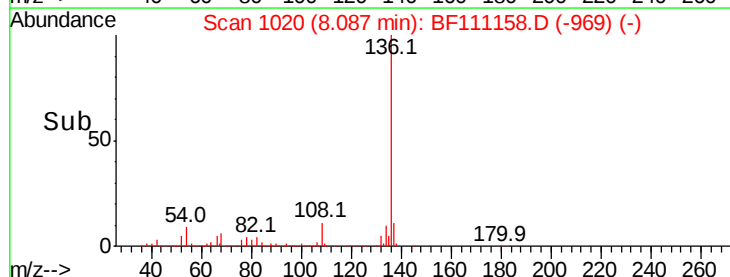
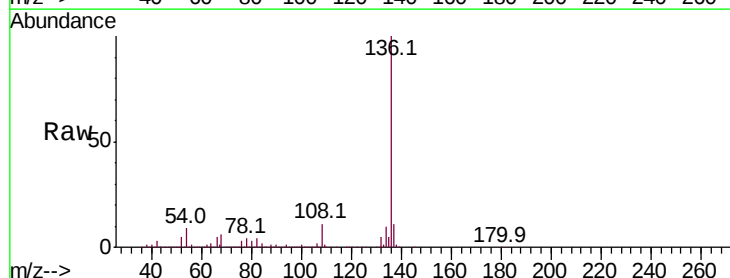
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.4 8.4 12.6

68 5.8 5.0 7.4

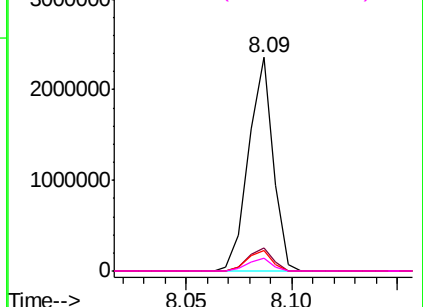


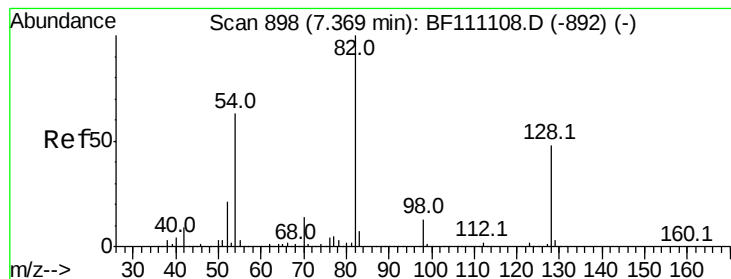
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 62.872 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

Instrument :

BNA_F

ClientSampled :

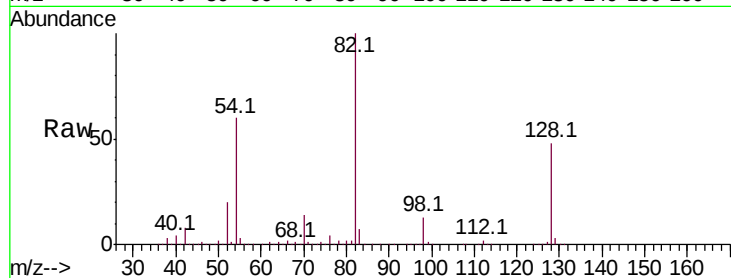
Tot Ion: 82 Resp: 2017702

Ion Ratio Lower Upper

82 100

128 47.6 38.1 57.1

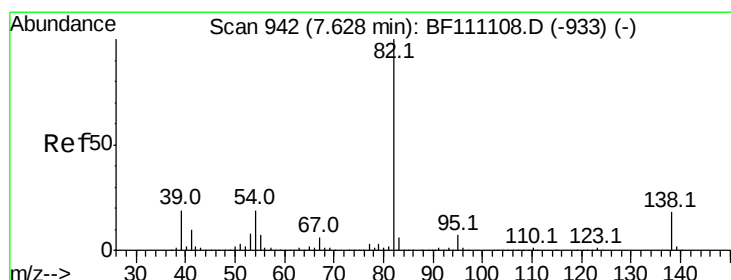
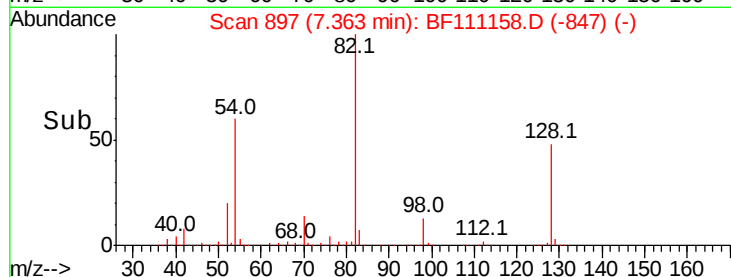
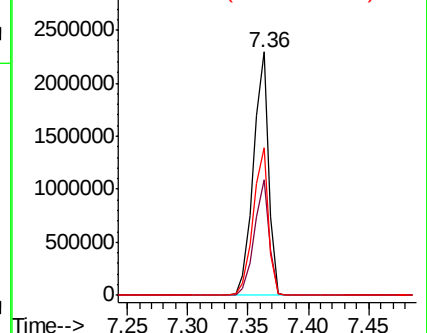
54 60.5 50.3 75.5



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: 34.102 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

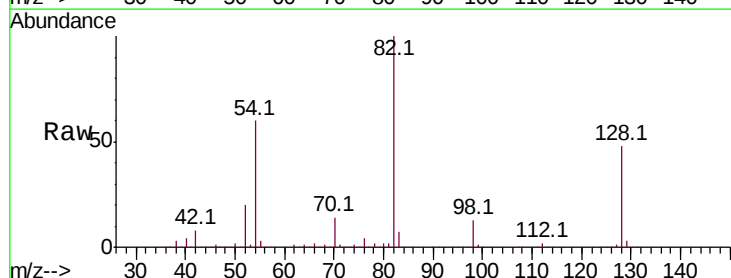
Tgt Ion: 82 Resp: 2008483

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

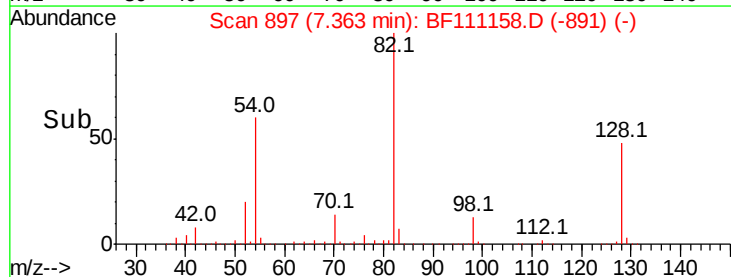
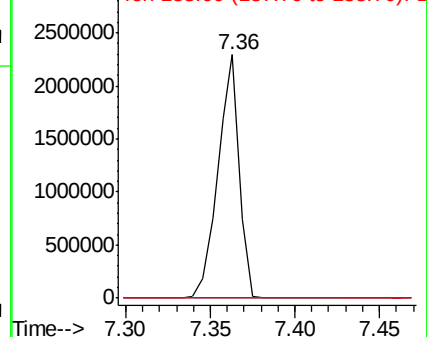
138 0.0 14.6 22.0#

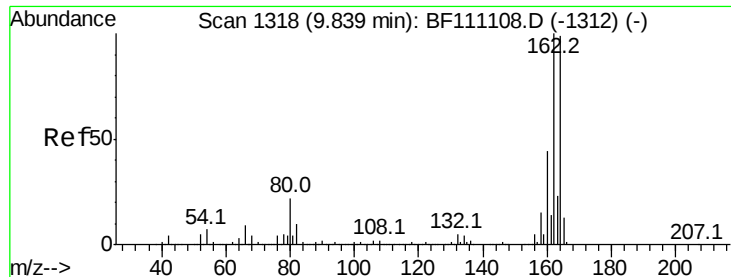


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

Instrument :

BNA_F

ClientSampleId :

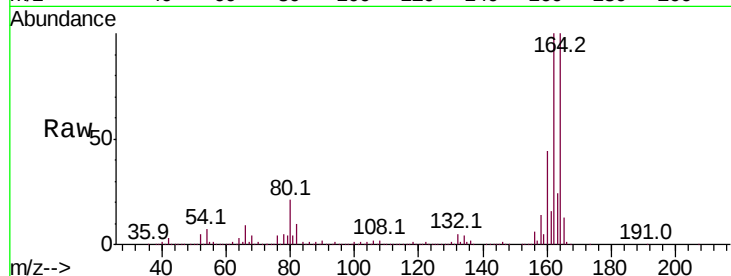
Tot Ion:164 Resp: 920072

Ion Ratio Lower Upper

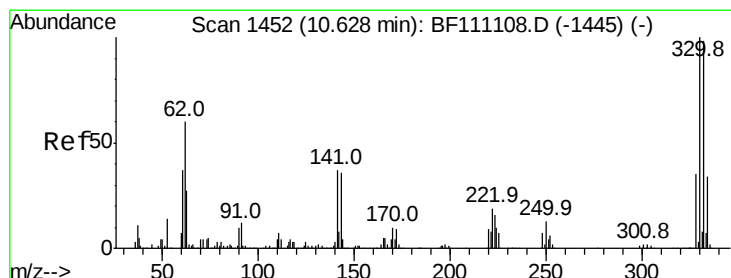
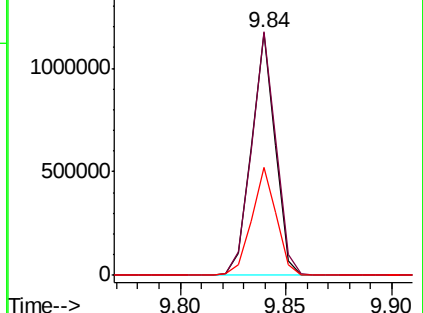
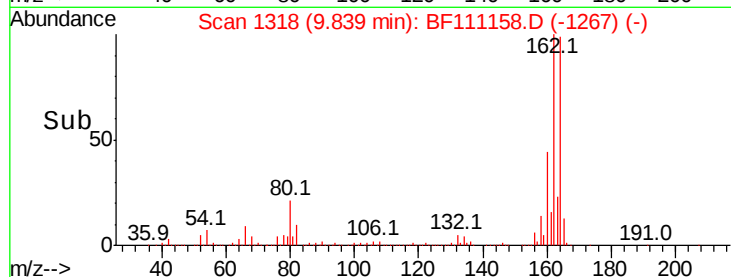
164 100

162 100.5 80.6 120.8

160 44.3 35.5 53.3



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: 90.661 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF111158.D

Acq: 7 Dec 2018 00:28

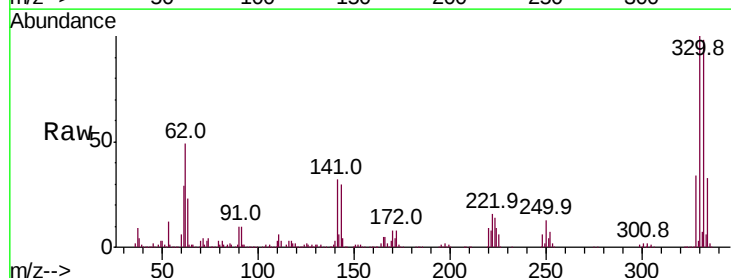
Tgt Ion:330 Resp: 663049

Ion Ratio Lower Upper

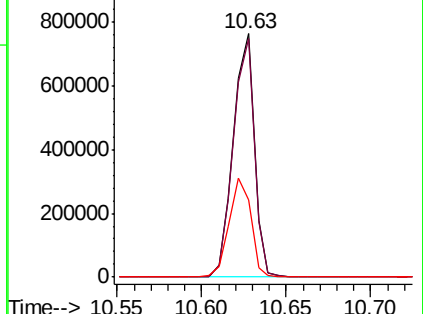
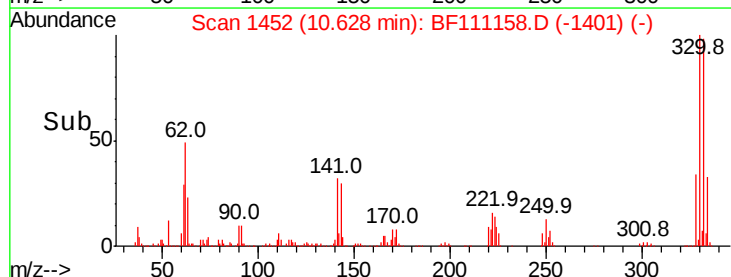
330 100

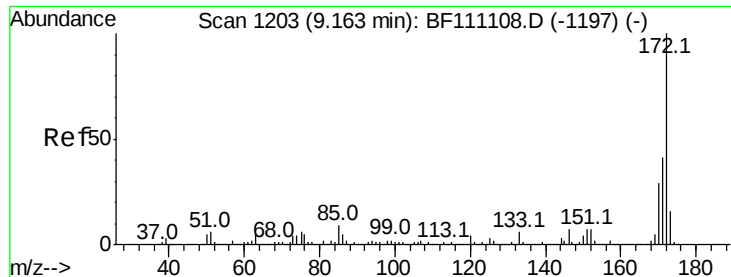
332 98.6 77.2 115.8

141 42.1 36.1 54.1



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

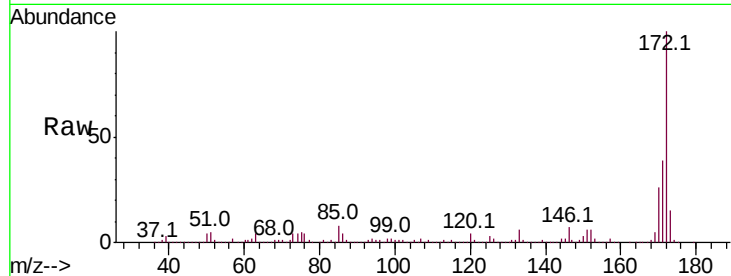




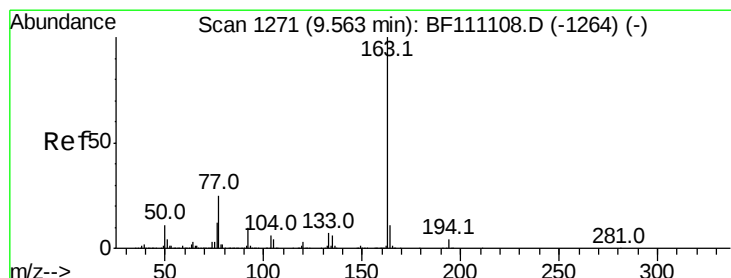
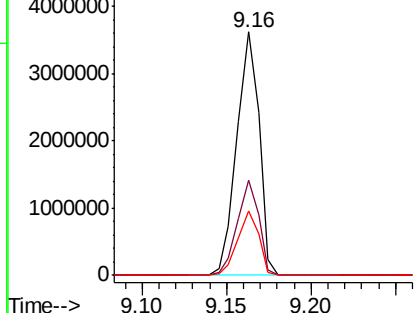
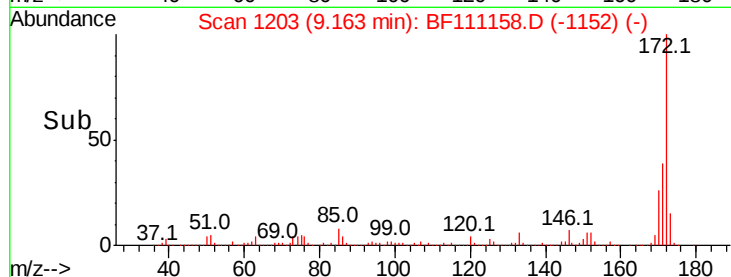
#45
2-Fluorobiphenyl
Concen: 63.178 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3323676
Ion Ratio Lower Upper
172 100
171 39.1 33.2 49.8
170 26.4 22.9 34.3

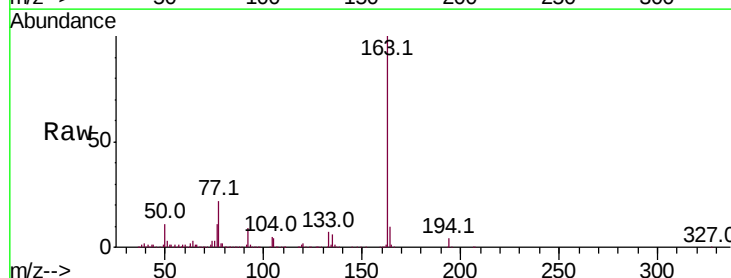


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

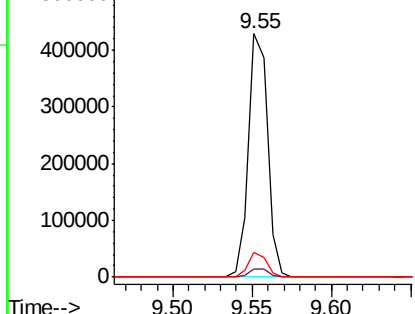
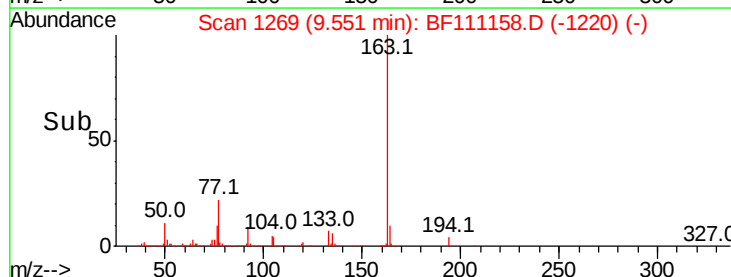


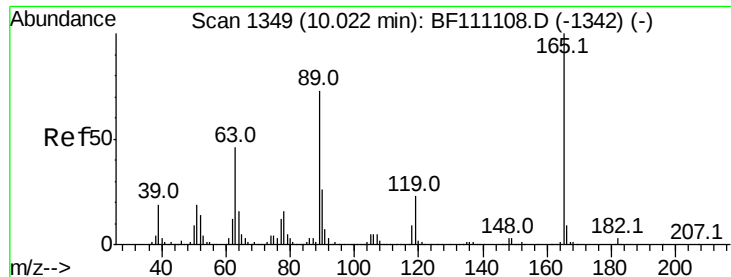
#50
Dimethylphthalate
Concen: 5.605 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Tgt Ion:163 Resp: 358935
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 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

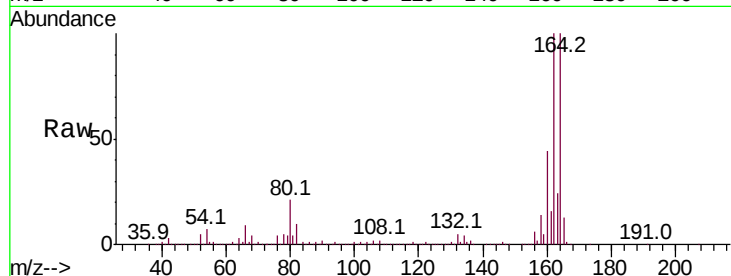




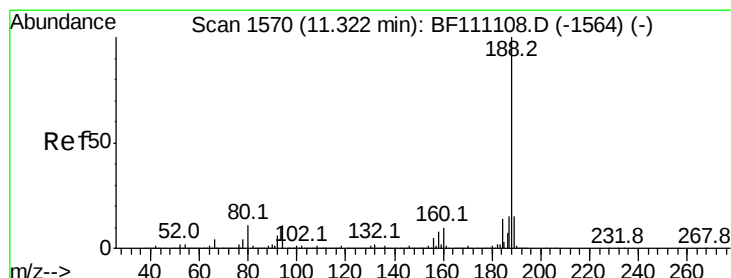
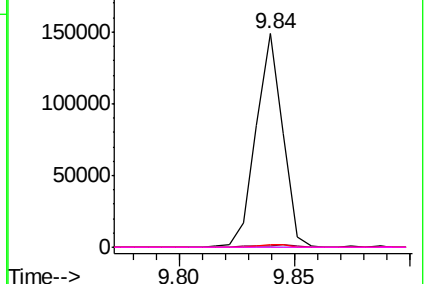
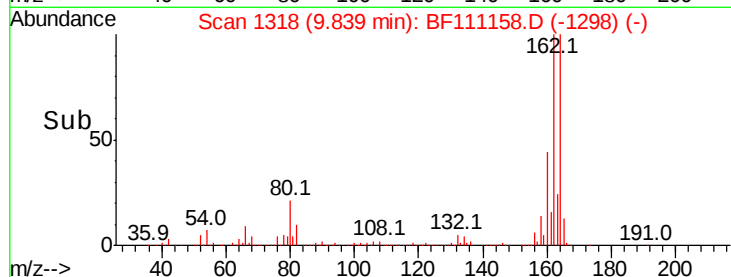
#57
 2,4-Dinitrotoluene
 Concen: 6.829 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111158.D
 Acq: 7 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 119745
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.7 55.1#
 89 1.5 58.4 87.6#
 182 0.0 2.1 3.1#

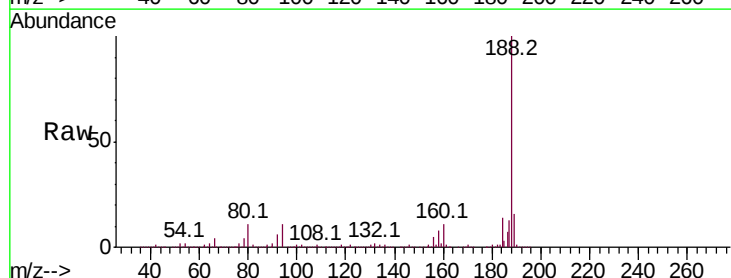


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

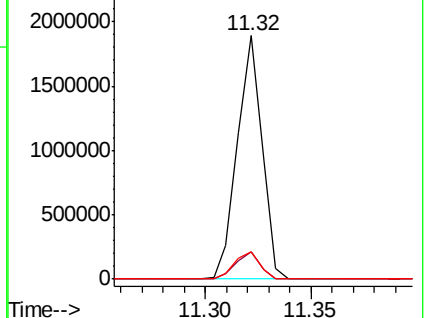
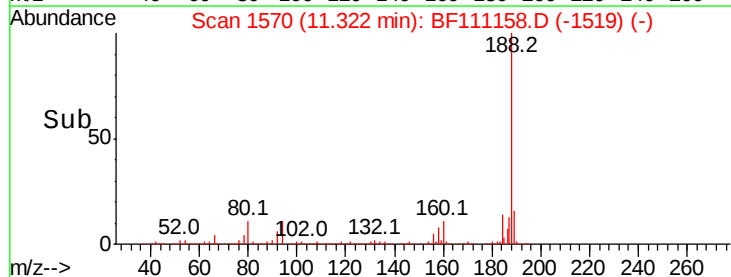


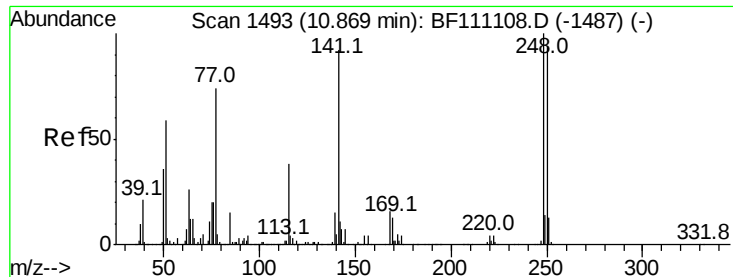
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF111158.D
 Acq: 7 Dec 2018 00:28

Tgt Ion:188 Resp: 1523268
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.4 9.0 13.6



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

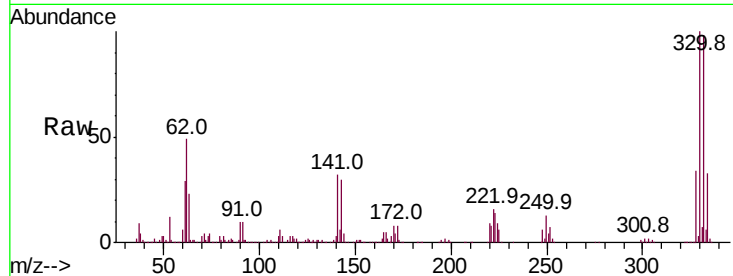




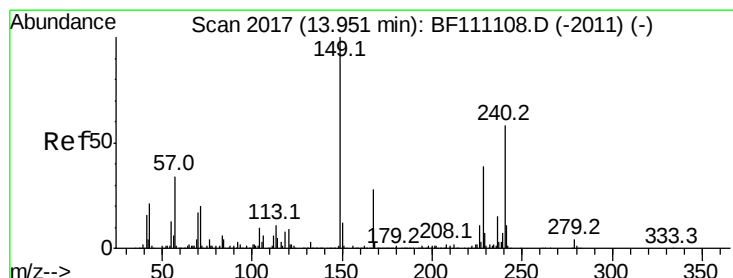
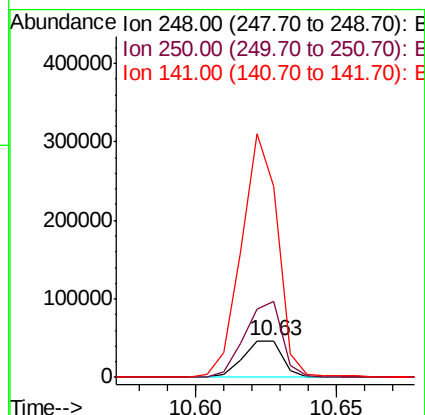
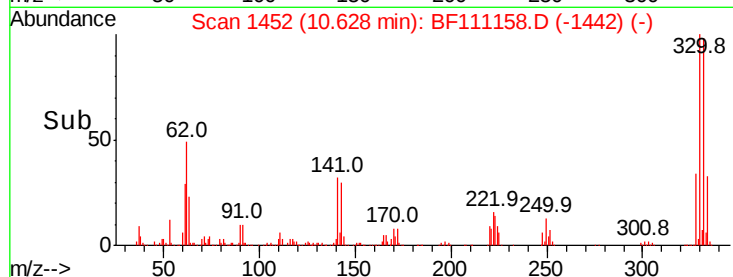
#67
4-Bromophenyl-phenylether
Concen: 2.797 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 45108
Ion Ratio Lower Upper
248 100
250 208.4 75.4 113.0#
141 525.4 73.8 110.6#

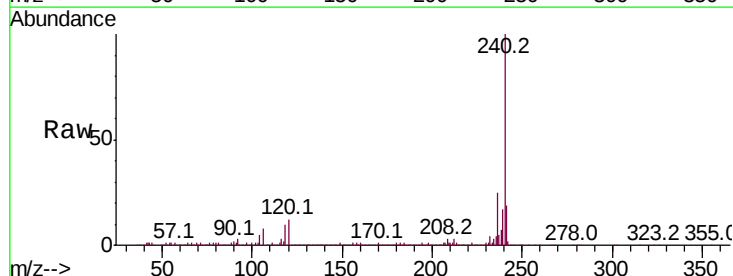


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

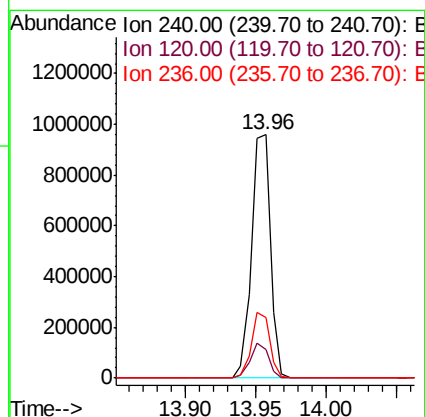
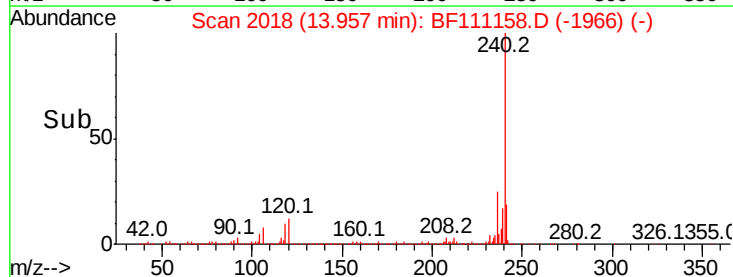


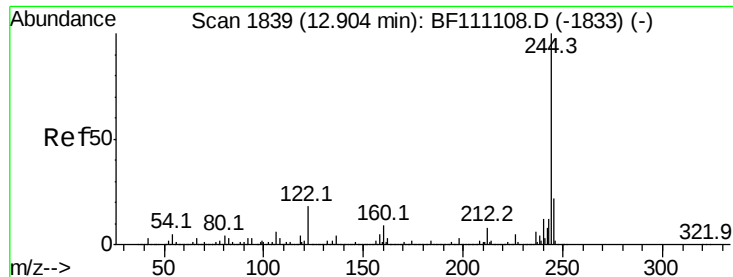
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111158.D
Acq: 7 Dec 2018 00:28

Tgt Ion:240 Resp: 907451
Ion Ratio Lower Upper
240 100
120 11.7 12.8 19.2#
236 24.7 21.1 31.7



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

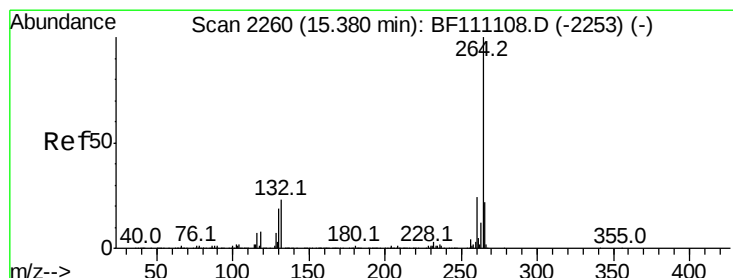
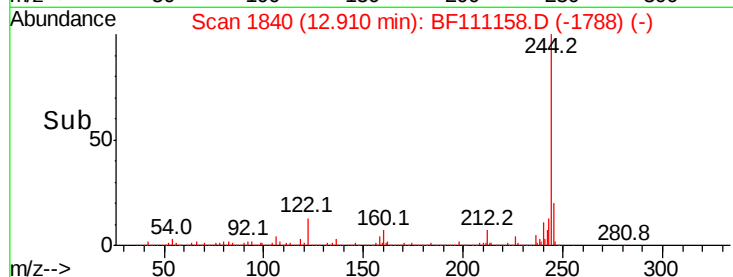
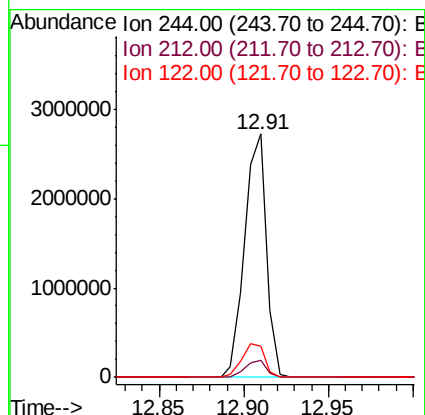
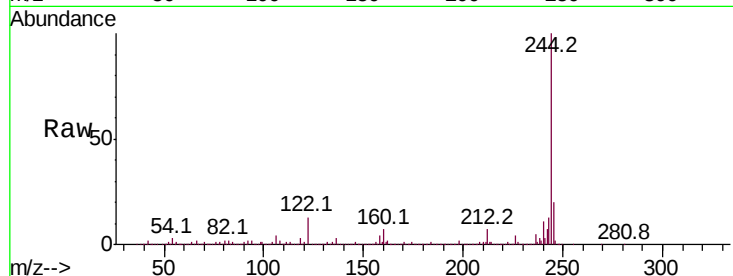




#79
 Terphenyl-d14
 Concen: 55.442 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111158.D
 Acq: 7 Dec 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2456585
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 9.8
 122 12.7 14.2 21.2#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111158.D
 Acq: 7 Dec 2018 00:28

Tgt Ion:264 Resp: 940322
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.7 17.4 26.0

