

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110668.D
 Acq On : 10 Nov 2018 10:17
 Operator : JU/SJ
 Sample : J5881-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

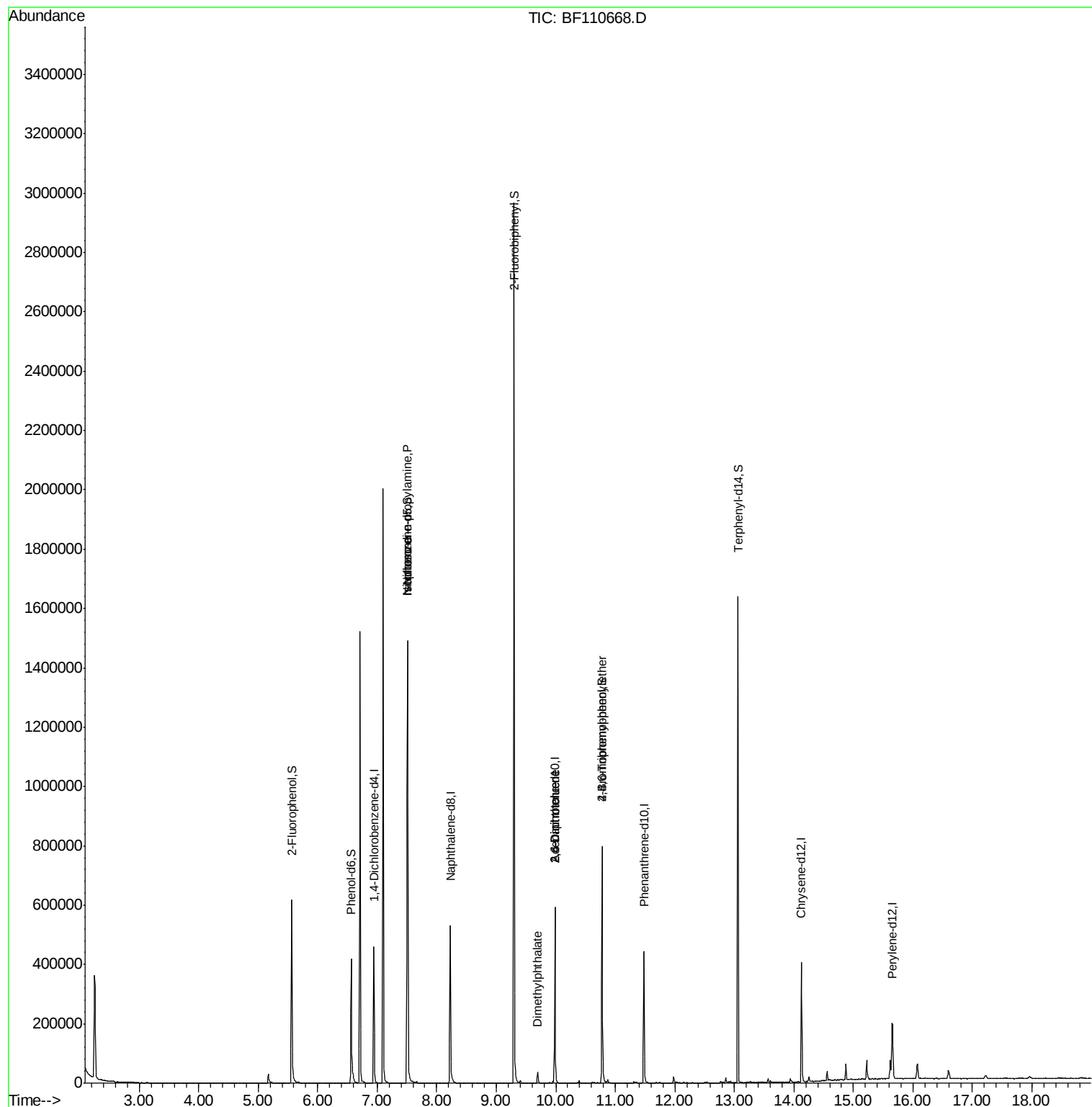
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71809	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	295925	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	123111	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	184399	20.00	ng	0.00
76) Chrysene-d12	14.13	240	141232	20.00	ng	-0.01
87) Perylene-d12	15.66	264	103720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198287	44.85	ng	0.00
7) Phenol-d6	6.56	99	151643	26.82	ng	-0.01
23) Nitrobenzene-d5	7.51	82	518835	100.97	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	98178	79.14	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	948660	110.05	ng	0.00
79) Terphenyl-d14	13.06	244	571249	75.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	67306	18.651	ng	Qvalue # 80
25) Isophorone	7.51	82	518832	61.604	ng	# 67
50) Dimethylphthalate	9.69	163	20516	2.233	ng	97
51) 2,6-Dinitrotoluene	9.99	165	15942	7.889	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15942	6.067	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6063	2.975	ng	# 1

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

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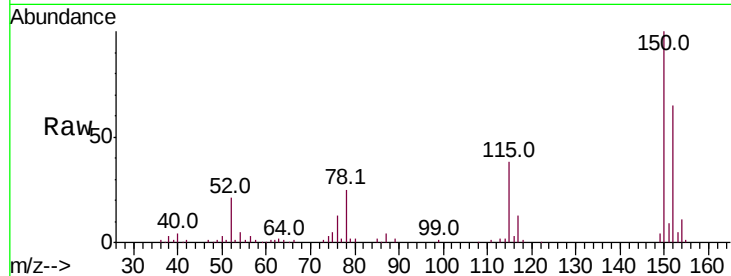


#1

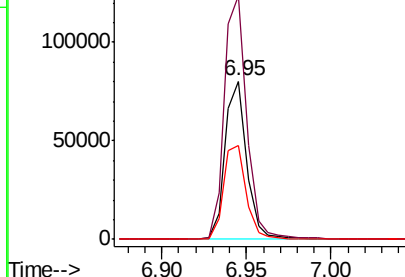
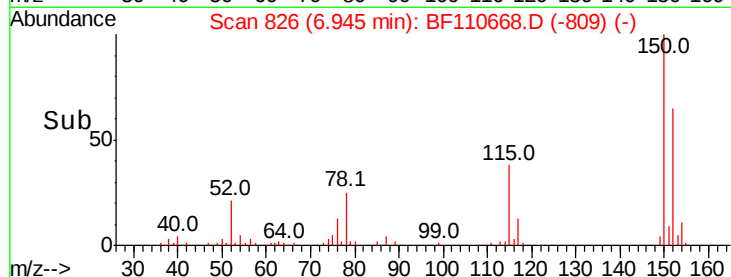
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71809
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 59.1 49.1 73.7



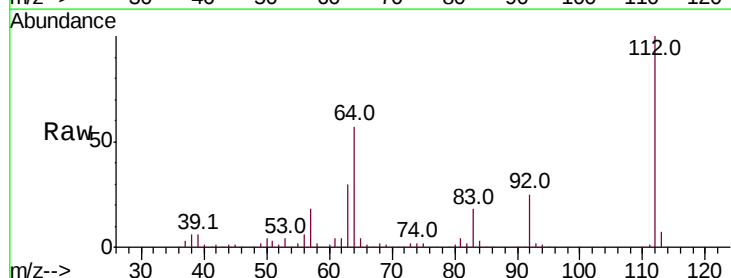
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



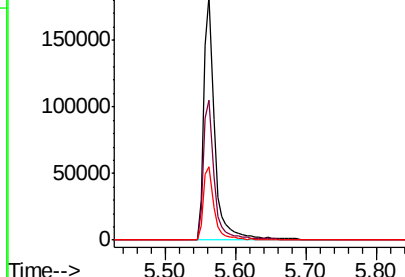
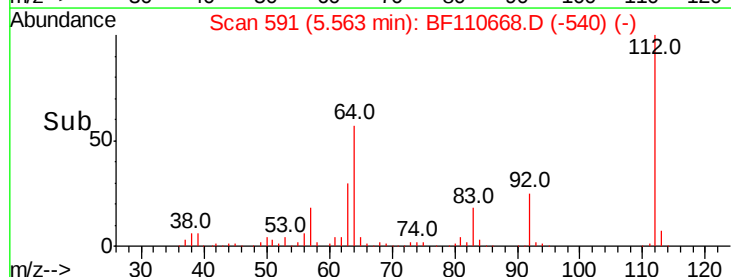
#5

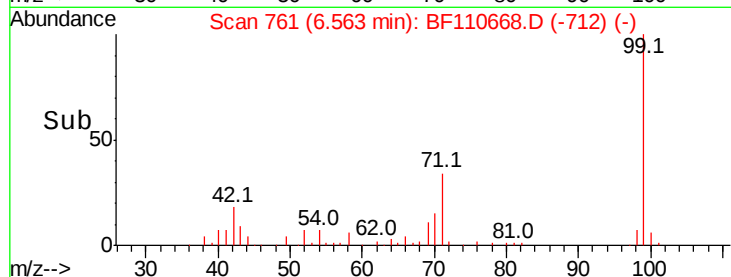
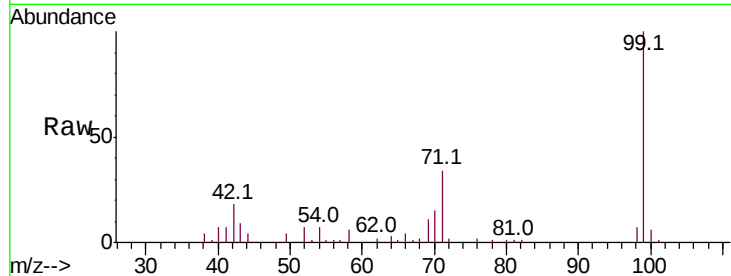
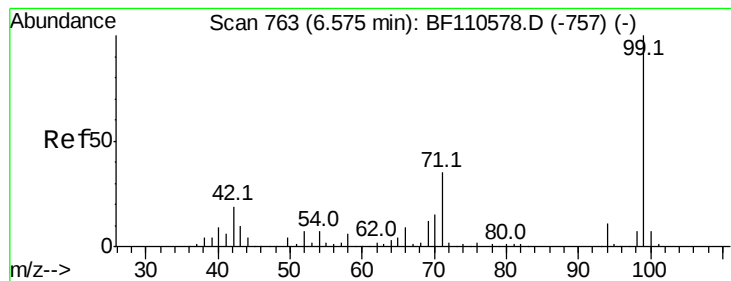
2-Fluorophenol
Concen: 44.852 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Tgt Ion:112 Resp: 198287
Ion Ratio Lower Upper
112 100
64 57.5 44.1 66.1
63 30.2 23.7 35.5



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: 26.824 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

Instrument :

BNA_F

ClientSampleId :

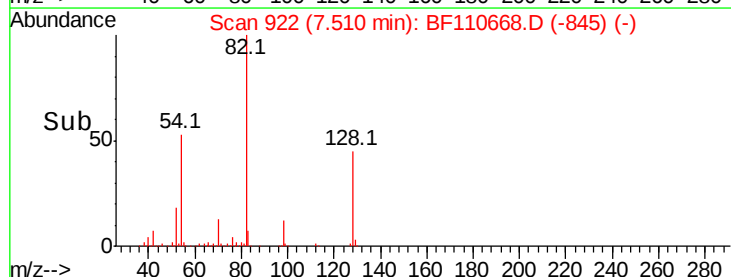
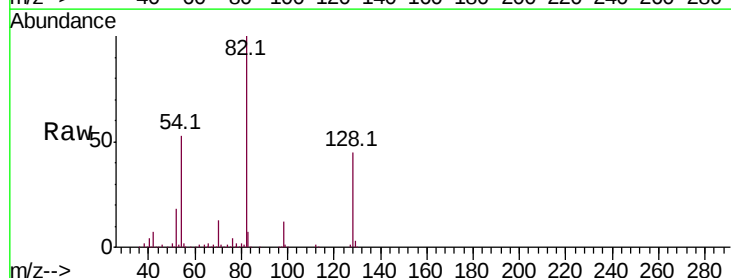
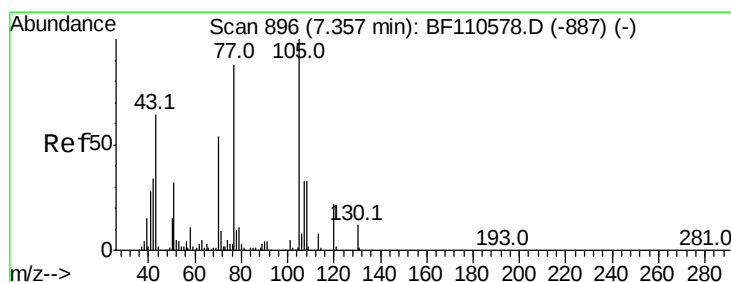
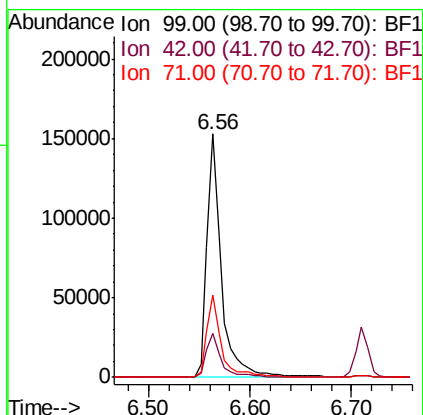
Tot Ion: 99 Resp: 151643

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 33.8 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.651 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

Tgt Ion: 70 Resp: 67306

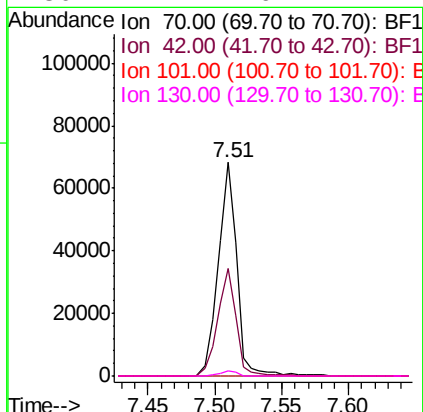
Ion Ratio Lower Upper

70 100

42 50.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

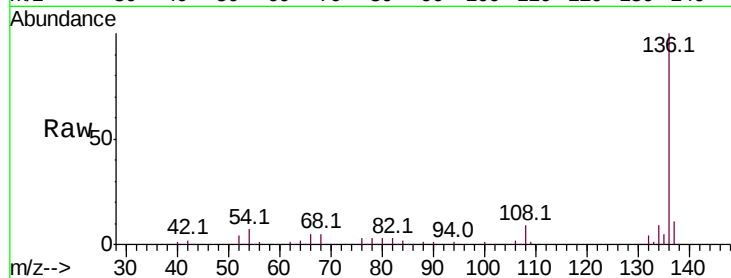




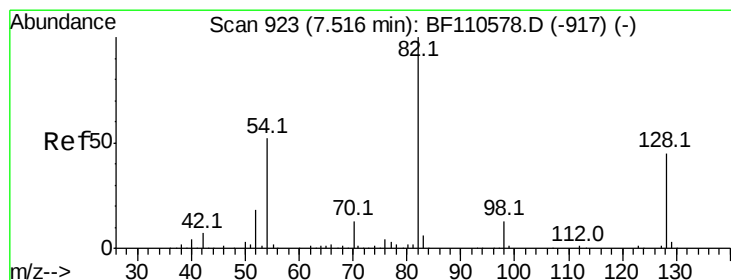
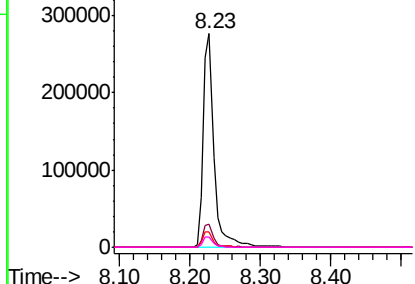
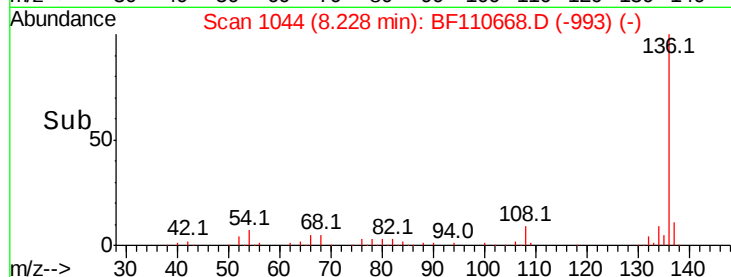
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	295925
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.5	5.4	8.2
68	4.9	4.2	6.2

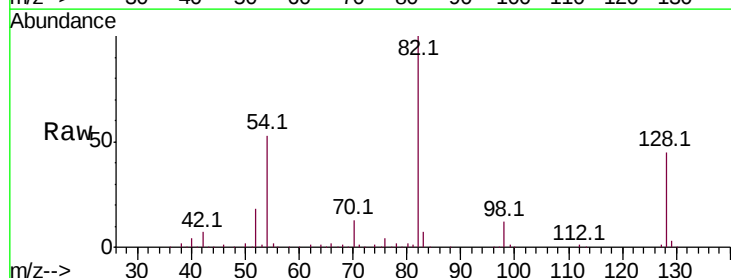


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

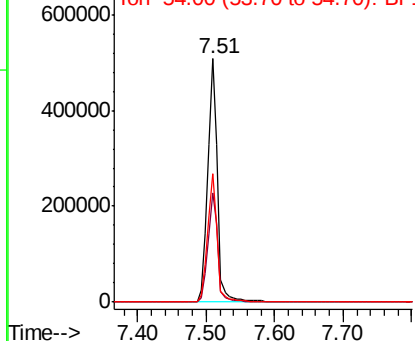
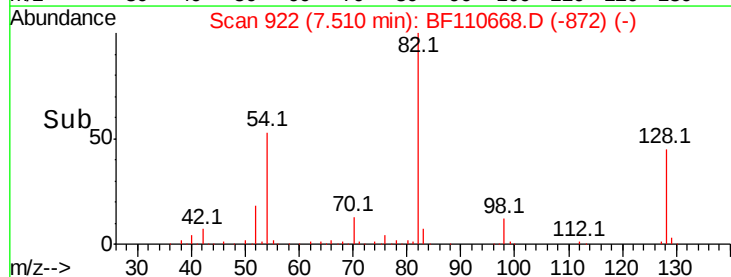


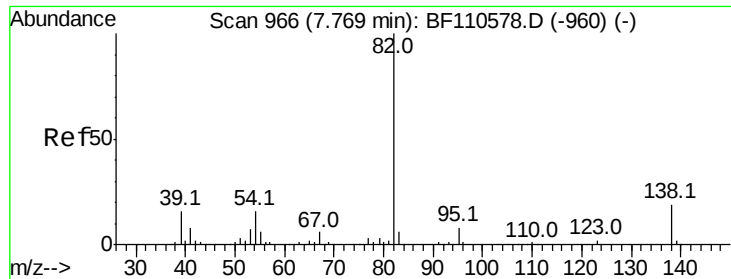
#23
Nitrobenzene-d5
Concen: 100.970 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Tgt Ion:	82	Resp:	518835
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	52.9	38.6	58.0



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: 61.604 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

Instrument :

BNA_F

ClientSampleId :

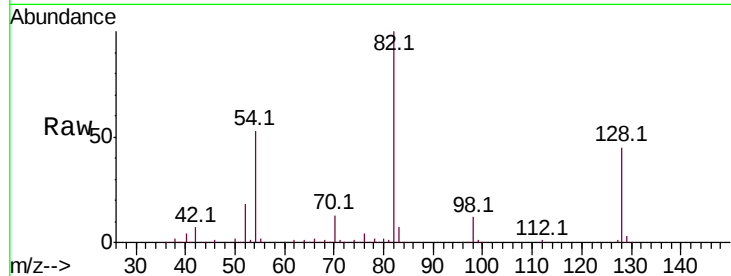
Tot Ion: 82 Resp: 518832

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

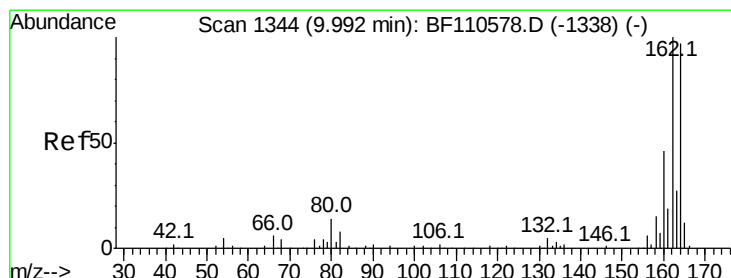
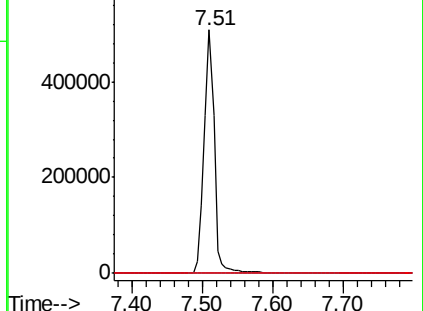
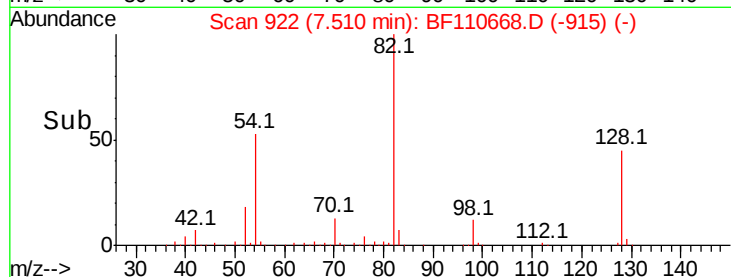
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

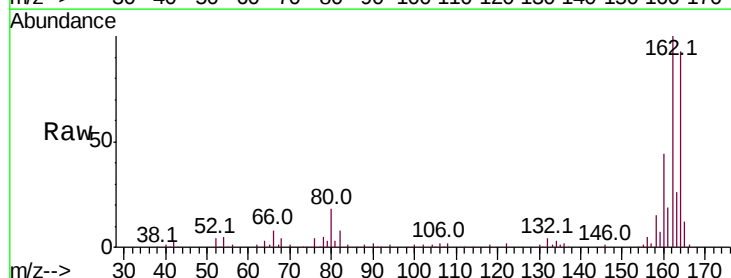
Tgt Ion:164 Resp: 123111

Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.6

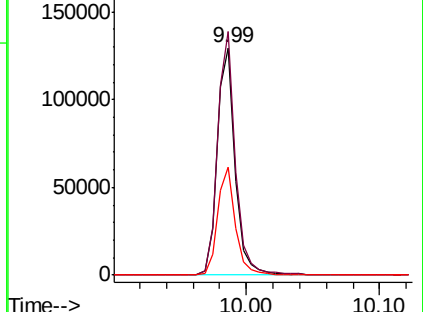
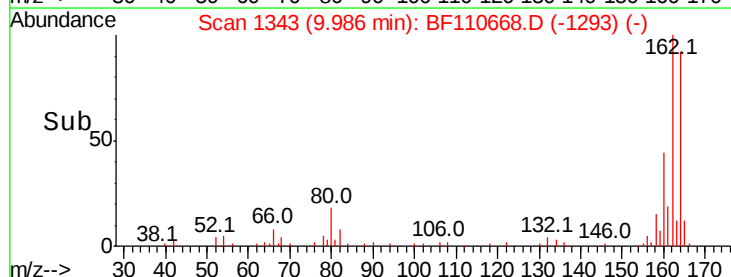
160 47.6 37.0 55.6

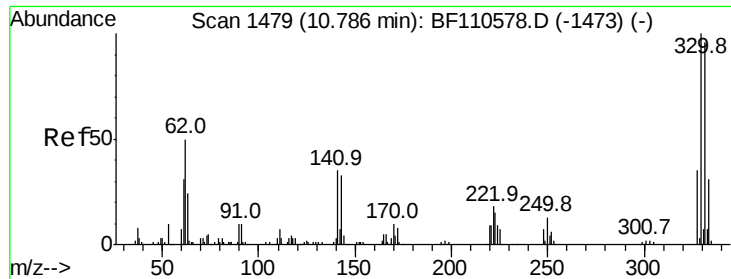


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

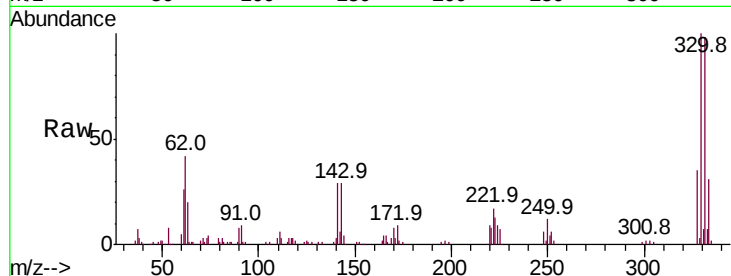




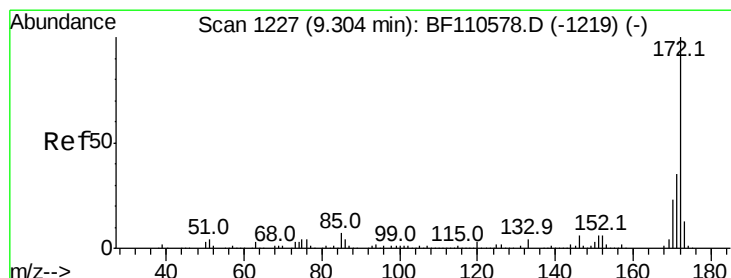
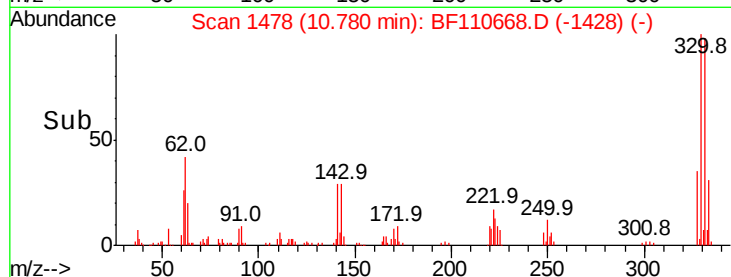
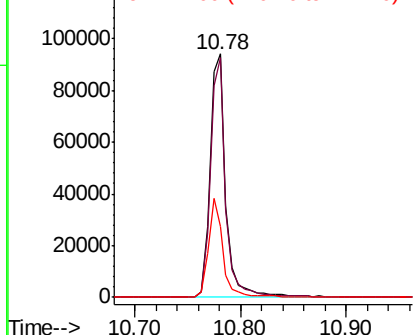
#42
 2,4,6-Tribromophenol
 Concen: 79.144 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110668.D
 Acq: 10 Nov 2018 10:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 98178
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 37.2 27.0 40.4

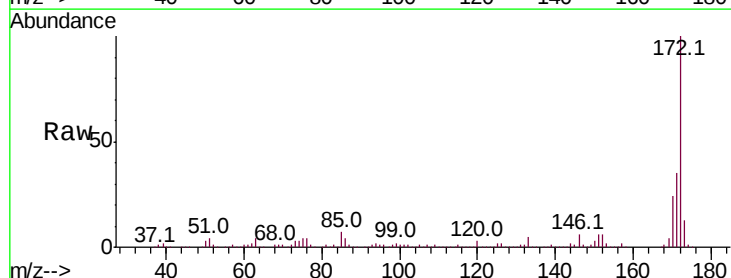


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

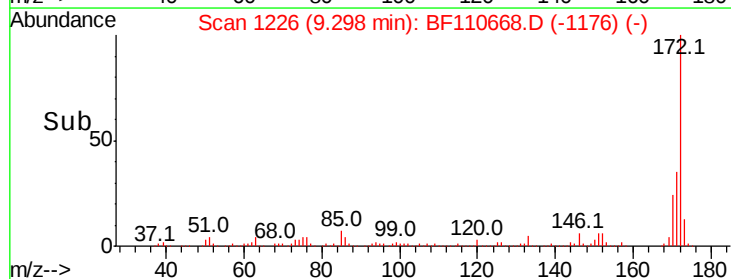
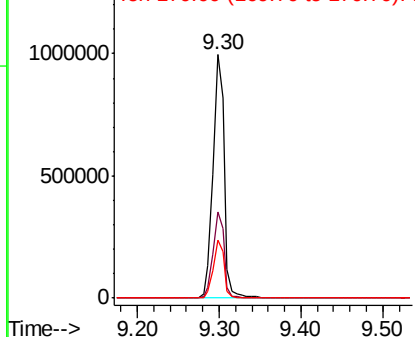


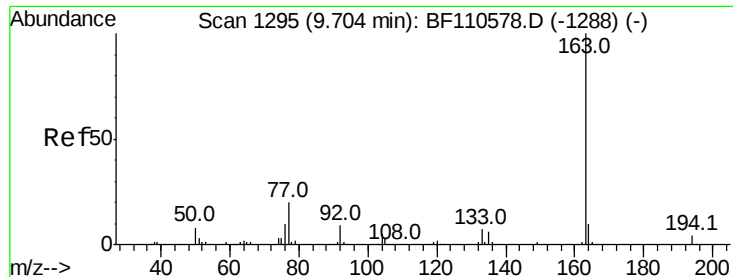
#45
 2-Fluorobiphenyl
 Concen: 110.052 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110668.D
 Acq: 10 Nov 2018 10:17

Tgt Ion:172 Resp: 948660
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.6 19.7 29.5



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: 2.233 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

Instrument :

BNA_F

ClientSampled :

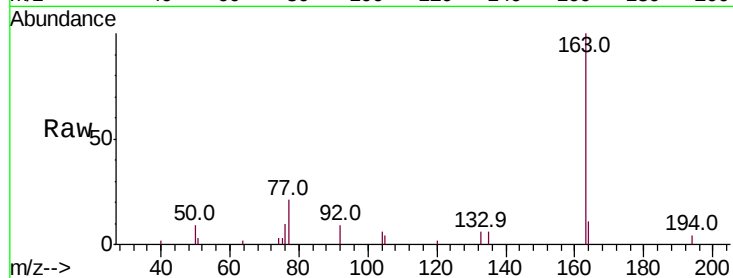
Tot Ion:163 Resp: 20516

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

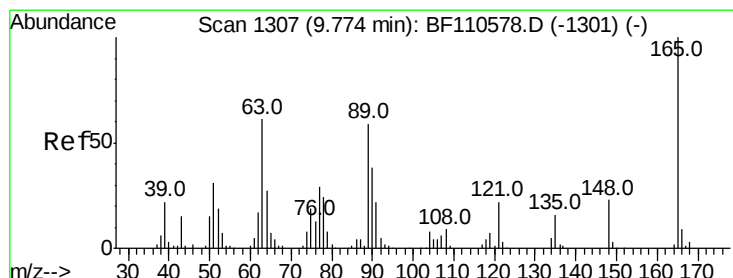
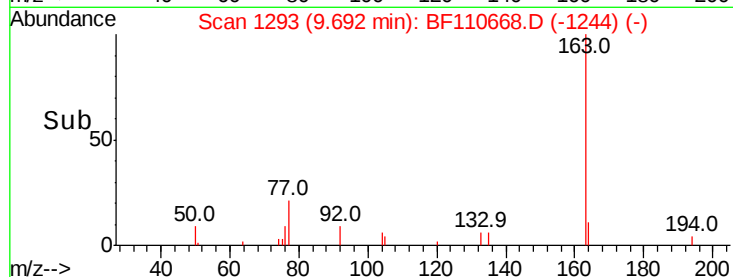
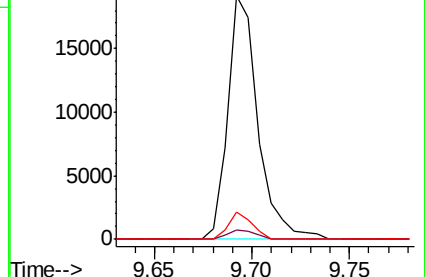
164 11.3 8.1 12.1



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: 7.889 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

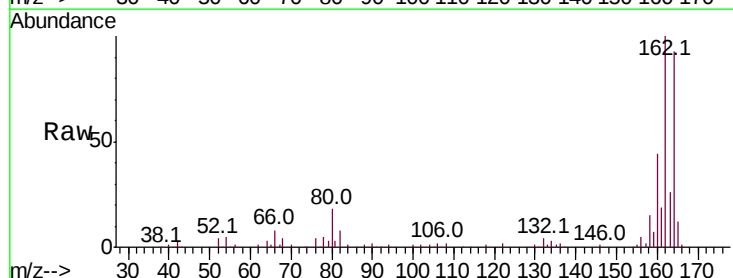
Tgt Ion:165 Resp: 15942

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

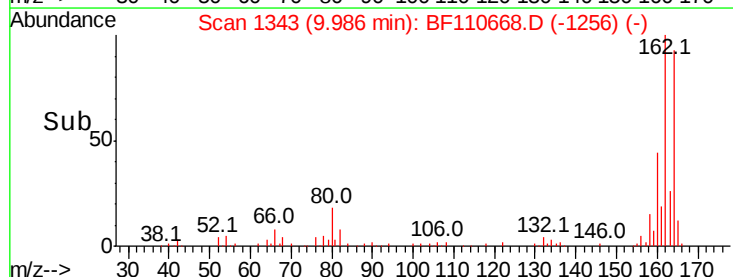
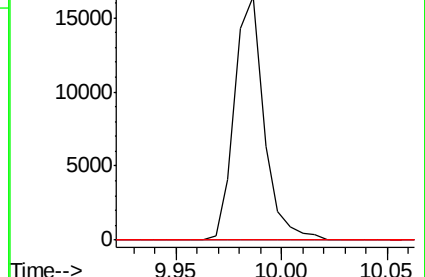
89 0.0 46.6 69.8#

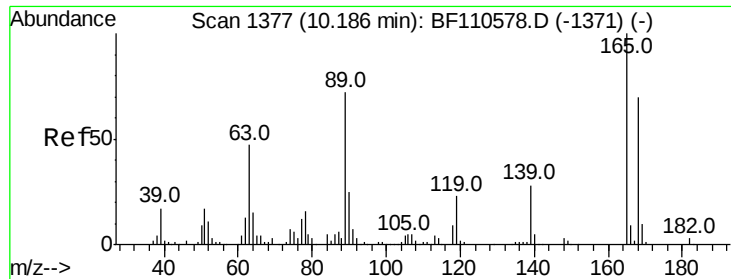


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

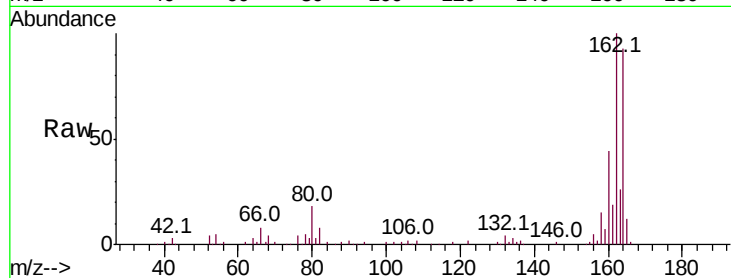




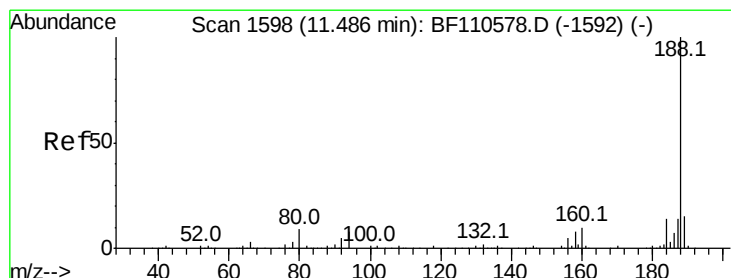
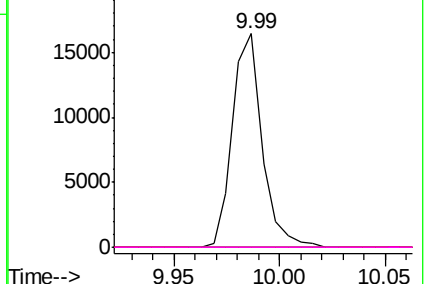
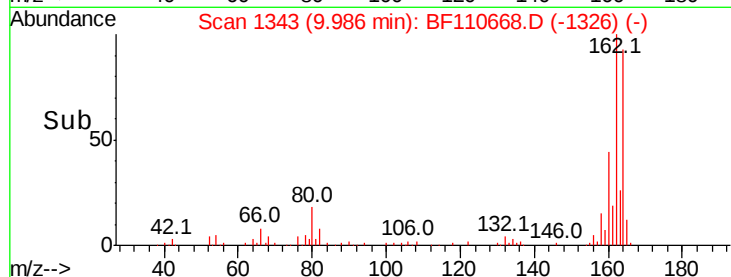
#57
 2,4-Dinitrotoluene
 Concen: 6.067 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110668.D
 Acq: 10 Nov 2018 10:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 15942
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 62.2 93.4#
 182 0.0 2.1 3.1#

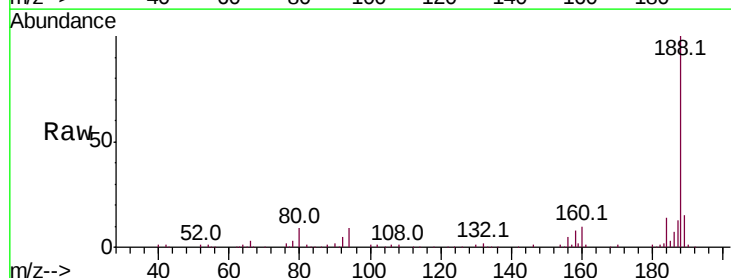


Abundance Ion 165.00 (164.70 to 165.70): E
 25000 Ion 63.00 (62.70 to 63.70): BF1
 20000 Ion 89.00 (88.70 to 89.70): BF1
 15000 Ion 182.00 (181.70 to 182.70): E

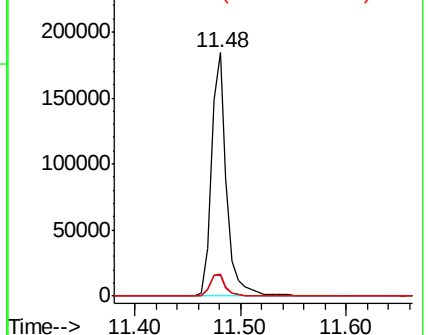
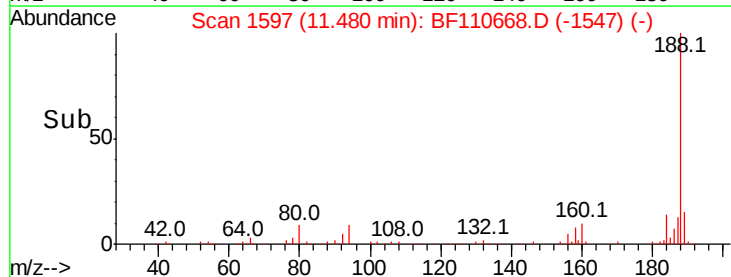


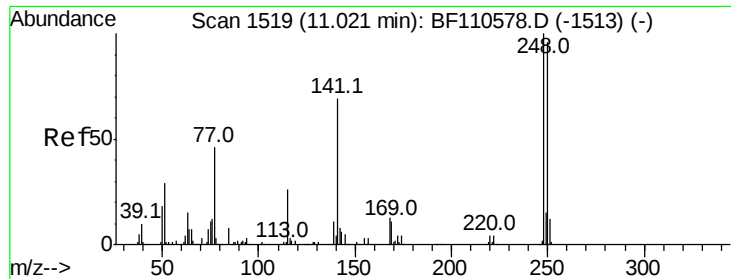
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110668.D
 Acq: 10 Nov 2018 10:17

Tgt Ion:188 Resp: 184399
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.2 10.8
 80 9.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 250000 Ion 94.00 (93.70 to 94.70): BF1
 200000 Ion 80.00 (79.70 to 80.70): BF1

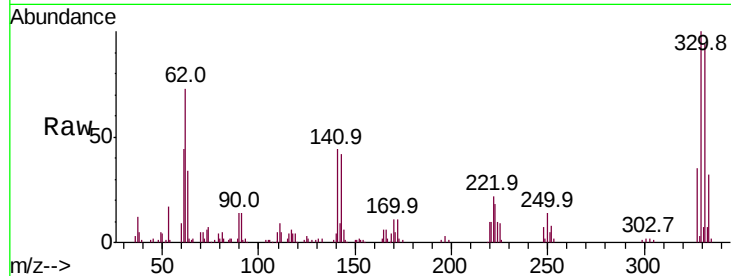




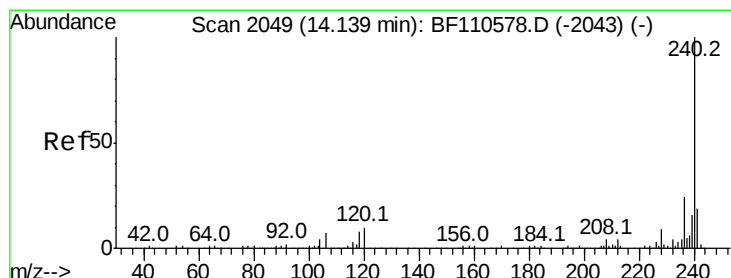
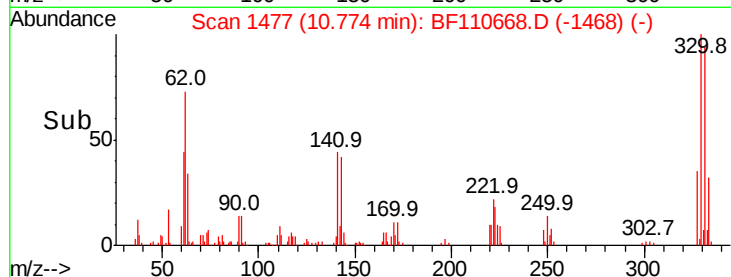
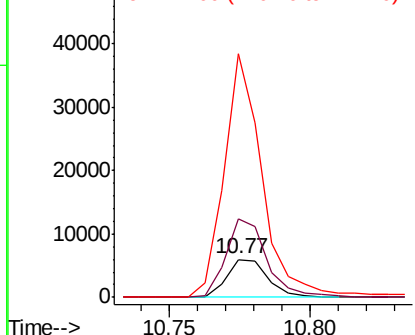
#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6063
Ion Ratio Lower Upper
248 100
250 207.2 79.4 119.2#
141 637.6 55.9 83.9#

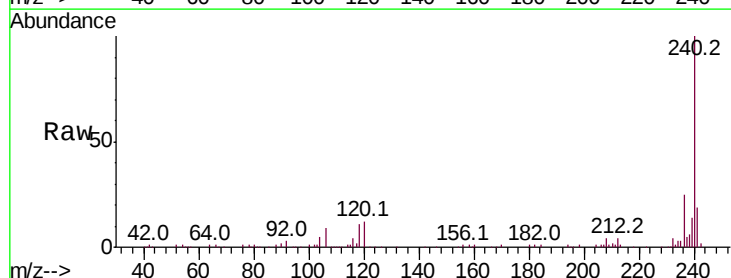


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

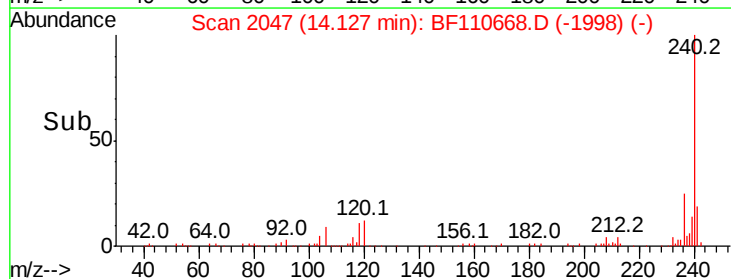
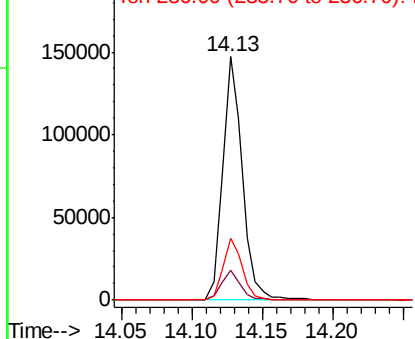


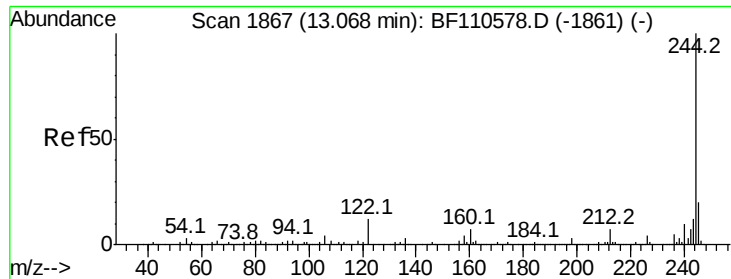
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110668.D
Acq: 10 Nov 2018 10:17

Tgt Ion:240 Resp: 141232
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.3 21.2 31.8



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: 75.749 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

Instrument :

BNA_F

ClientSampleId :

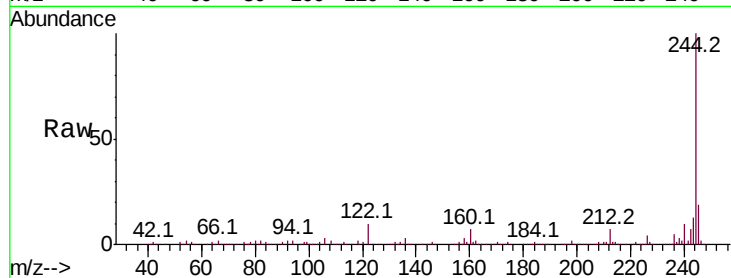
Tot Ion:244 Resp: 571249

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

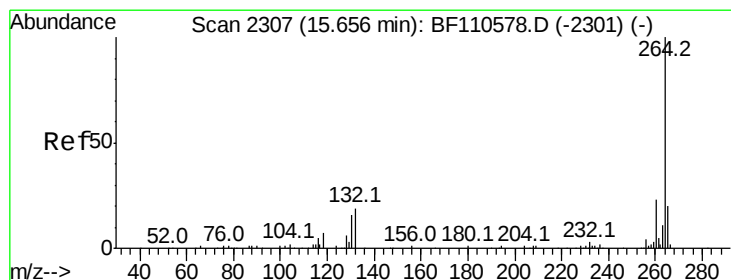
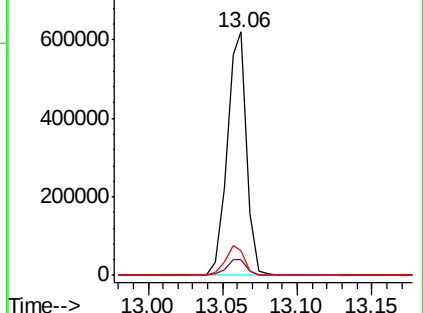
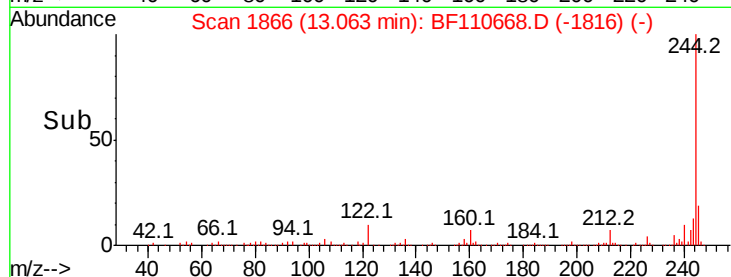
122 10.3 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110668.D

Acq: 10 Nov 2018 10:17

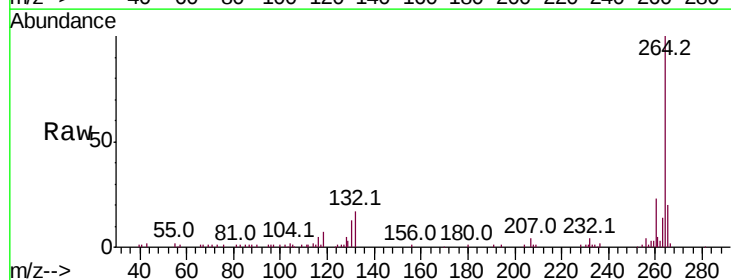
Tgt Ion:264 Resp: 103720

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.5 16.7 25.1



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

