

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111068.D
 Acq On : 29 Nov 2018 2:37
 Operator : JU/SJ
 Sample : J6078-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Nov 29 04:11:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

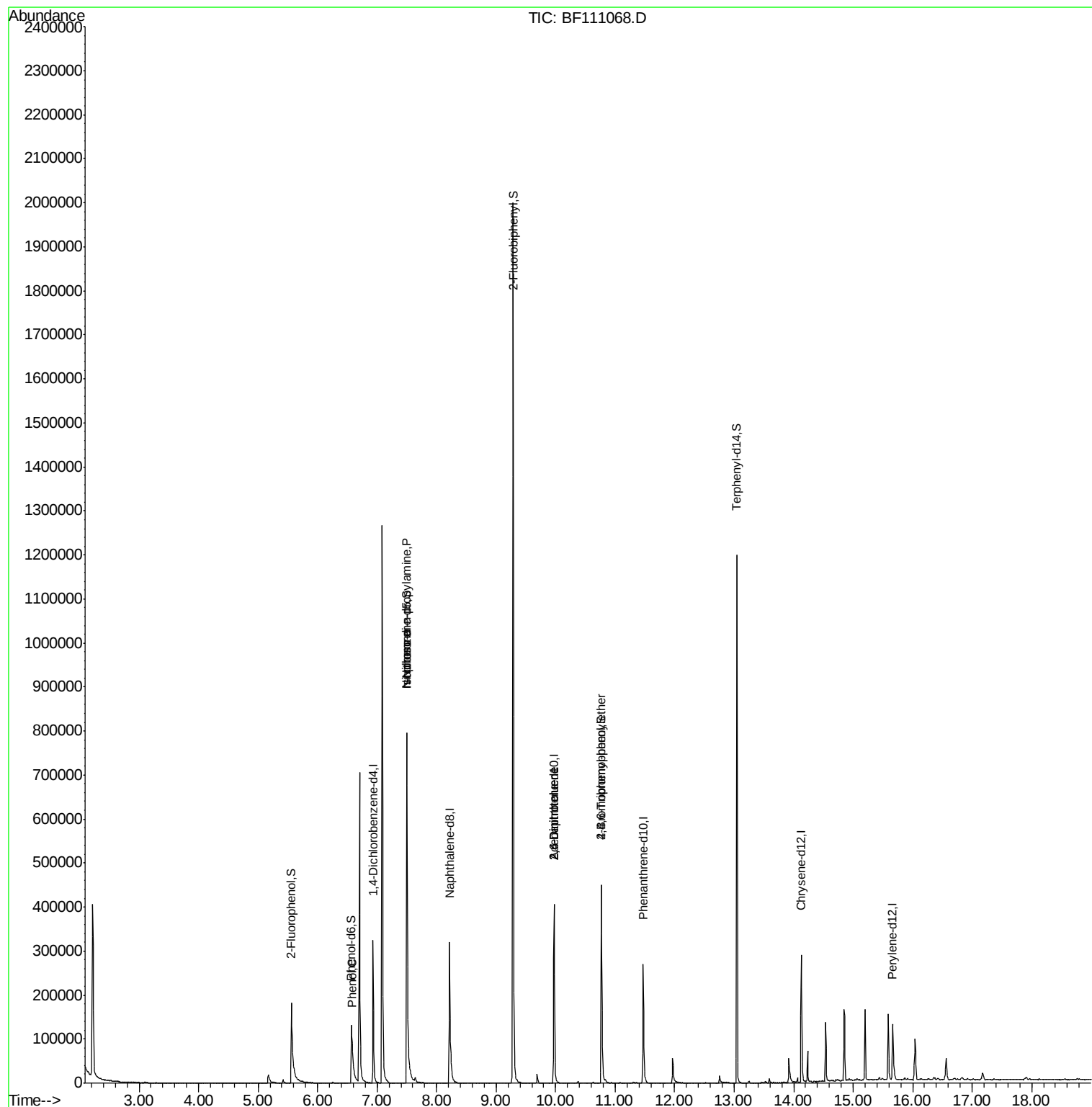
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54638	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	228925	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	93544	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	144546	20.00	ng	0.00
76) Chrysene-d12	14.13	240	118400	20.00	ng	0.00
87) Perylene-d12	15.66	264	80924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	117228	35.58	ng	0.01
7) Phenol-d6	6.57	99	85524	19.92	ng	0.00
23) Nitrobenzene-d5	7.50	82	340849	85.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	64991	69.96	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	627809	97.23	ng	0.00
79) Terphenyl-d14	13.05	244	440626	72.44	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14567	3.013	ng	# 72
19) n-Nitroso-di-n-propylamine	7.50	70	43762	15.647	ng	# 77
25) Isophorone	7.50	82	340849	51.947	ng	# 67
51) 2,6-Dinitrotoluene	9.97	165	11990	7.850	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	11990	6.051	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	3966	2.519	ng	# 1

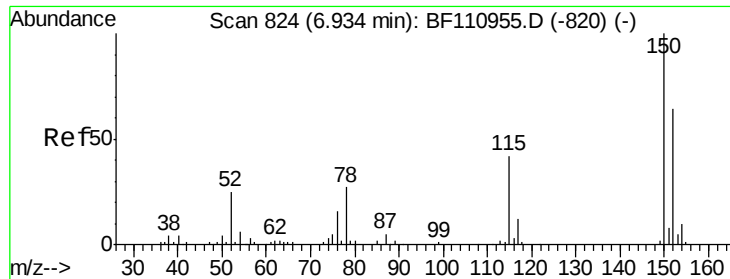
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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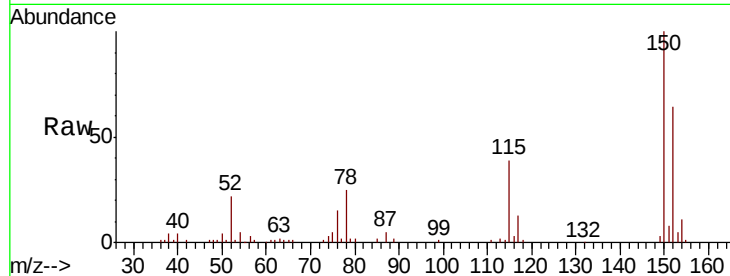


#1

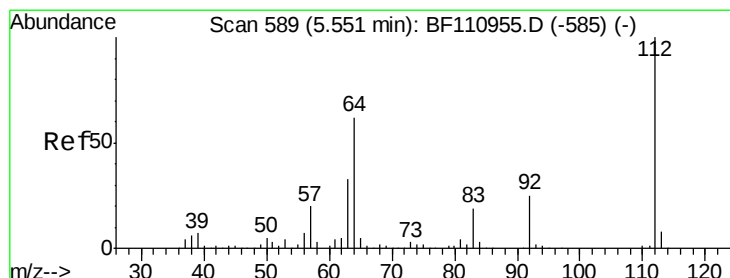
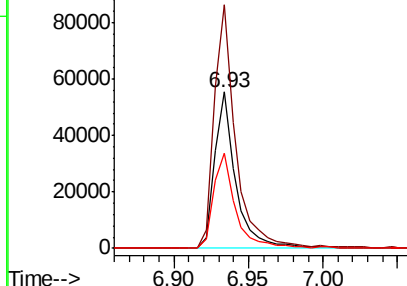
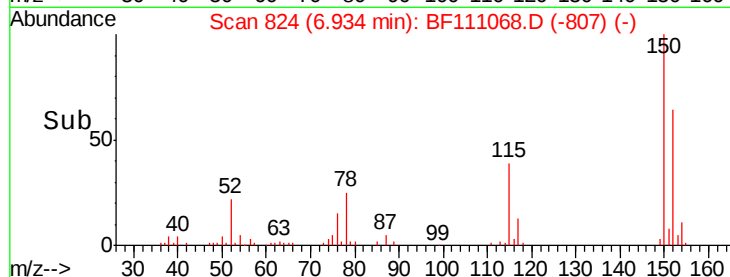
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:152 Resp: 54638
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 61.1 49.1 73.7



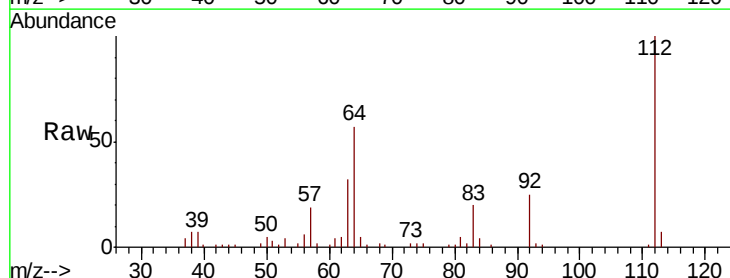
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



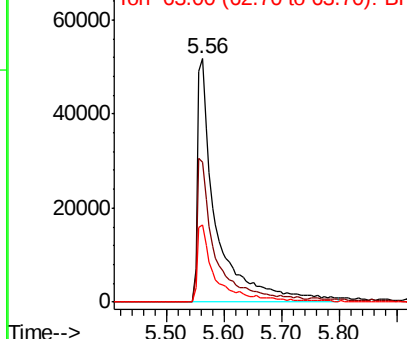
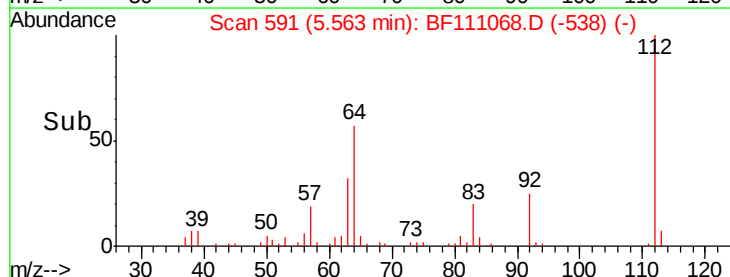
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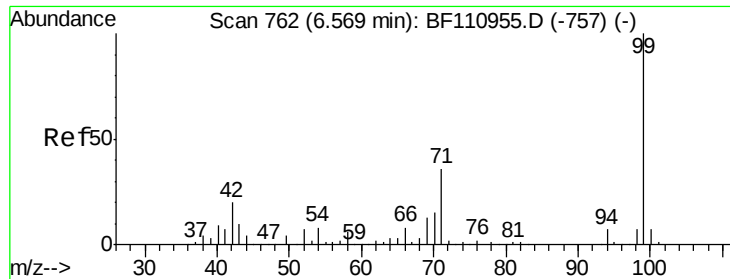
2-Fluorophenol
Concen: 35.580 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Tgt Ion:112 Resp: 117228
Ion Ratio Lower Upper
112 100
64 57.4 44.1 66.1
63 31.6 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: 19.919 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

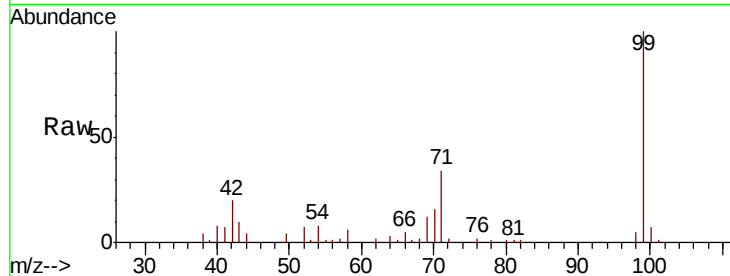
Tgt Ion: 99 Resp: 85524

Ion Ratio Lower Upper

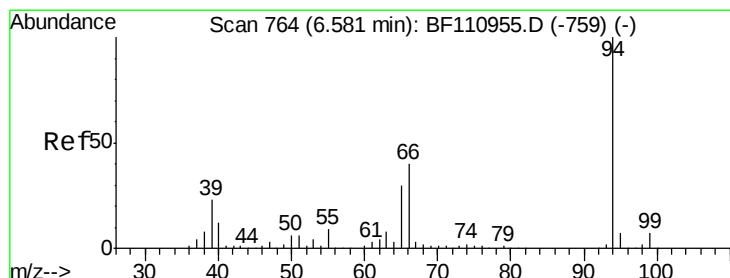
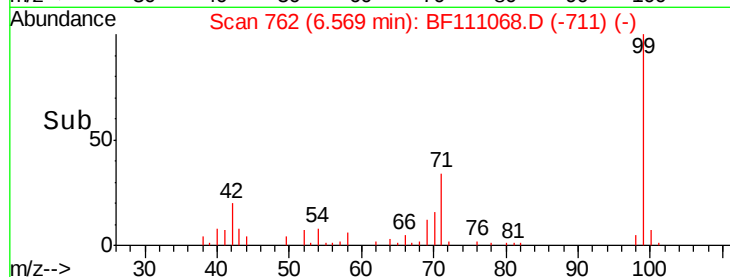
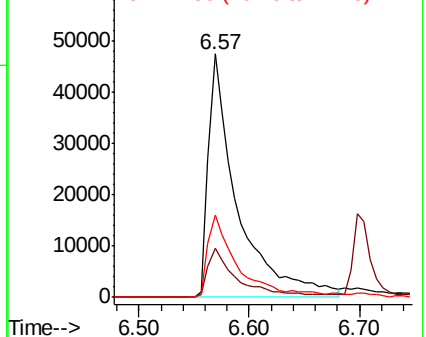
99 100

42 20.1 15.8 23.6

71 34.1 28.0 42.0



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: 3.013 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

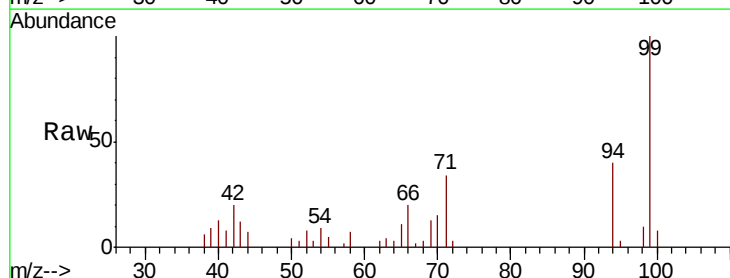
Tgt Ion: 94 Resp: 14567

Ion Ratio Lower Upper

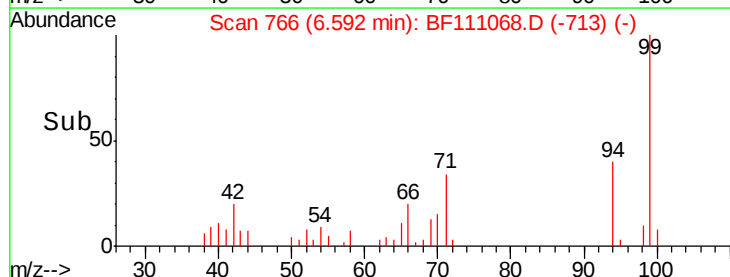
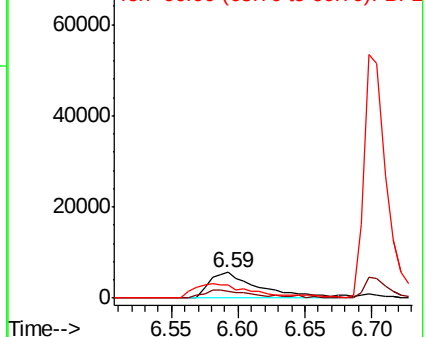
94 100

65 27.8 25.3 65.3

66 50.0 54.5 94.5#



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

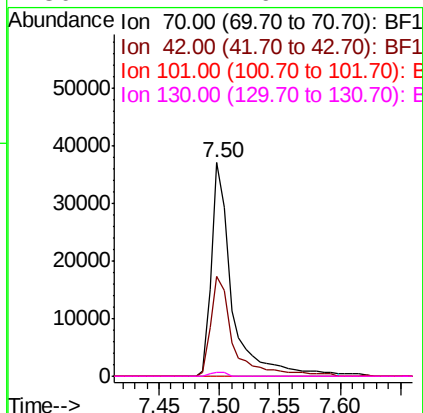
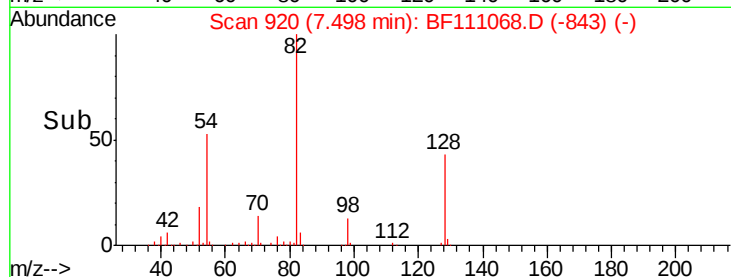
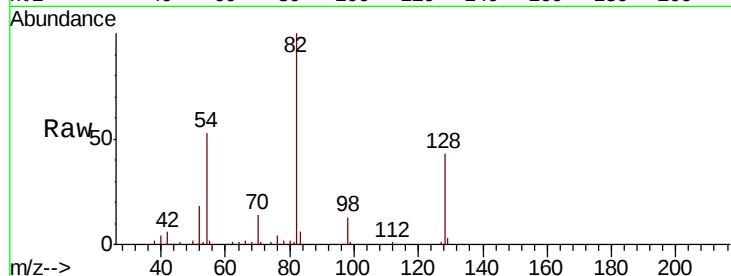




#19
n-Nitroso-di-n-propylamine
Concen: 15.647 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

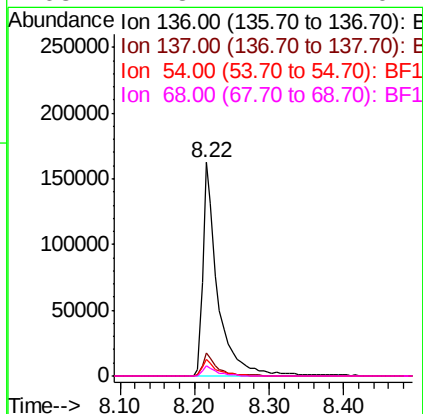
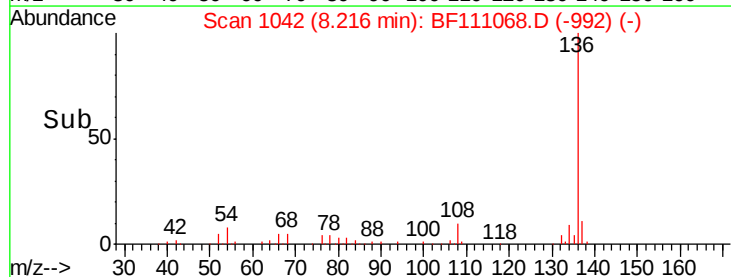
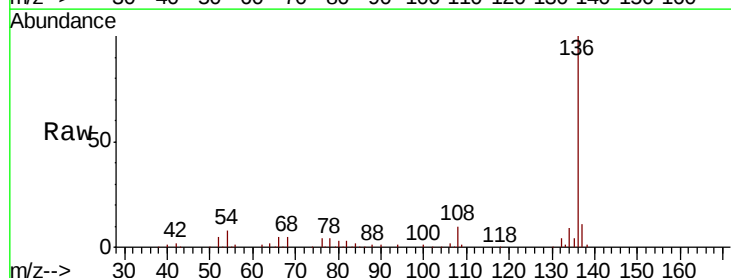
Instrument :
BNA_F
ClientSampled :
DFTPP

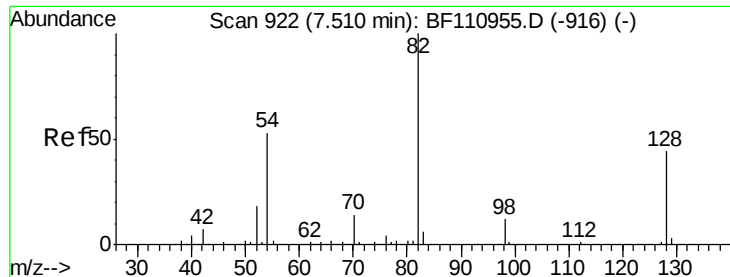
Tgt Ion: 70 Resp: 43762
Ion Ratio Lower Upper
70 100
42 47.0 47.4 71.2#
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Tgt Ion: 136 Resp: 228925
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 5.4 8.2
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 85.211 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

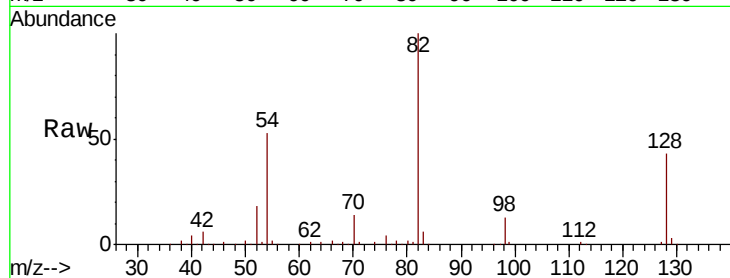
Tgt Ion: 82 Resp: 340849

Ion Ratio Lower Upper

82 100

128 42.6 34.2 51.2

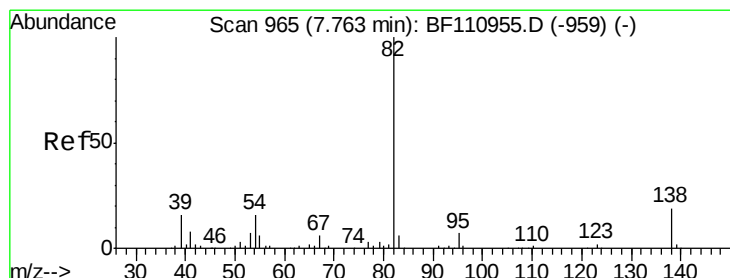
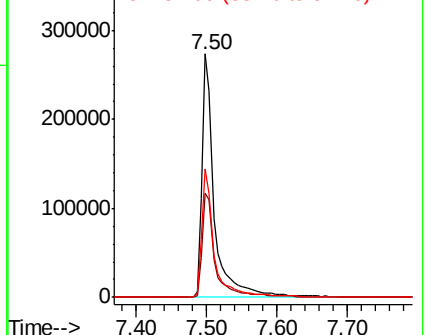
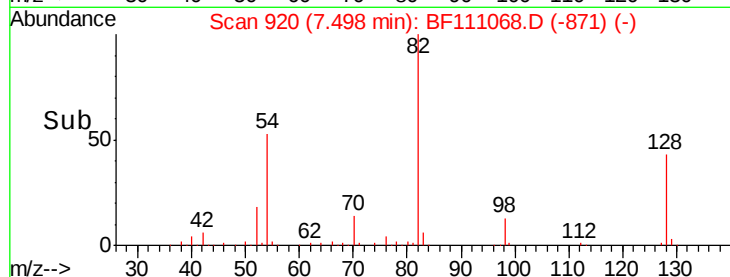
54 52.9 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 51.947 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.26 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

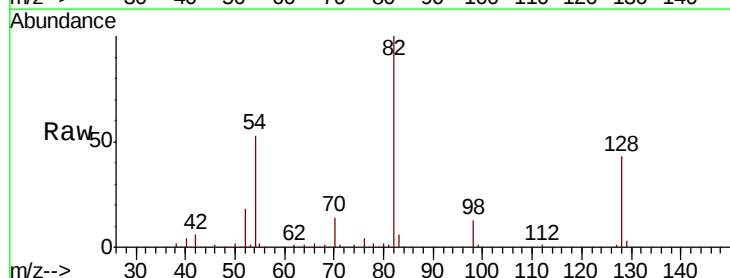
Tgt Ion: 82 Resp: 340849

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

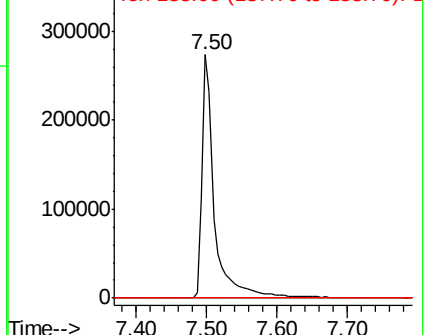
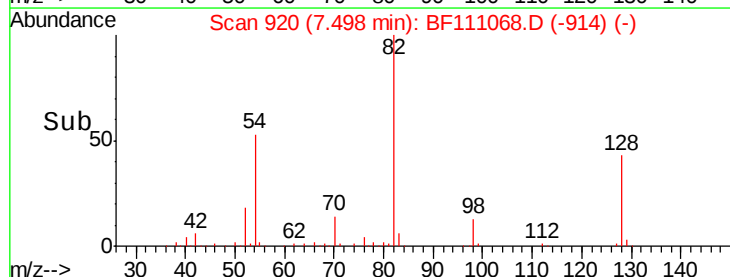
138 0.0 13.2 19.8#

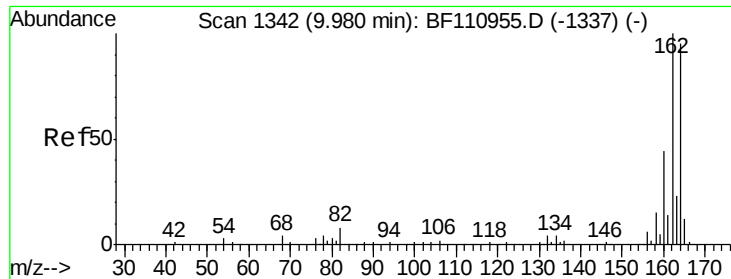


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

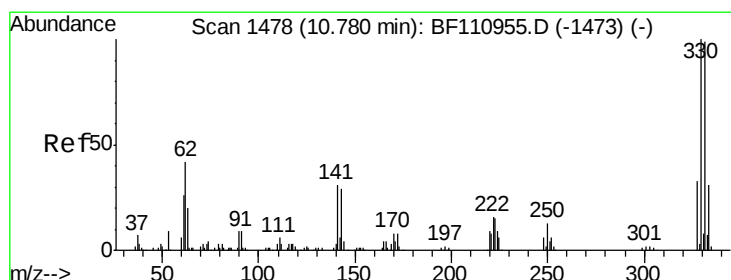
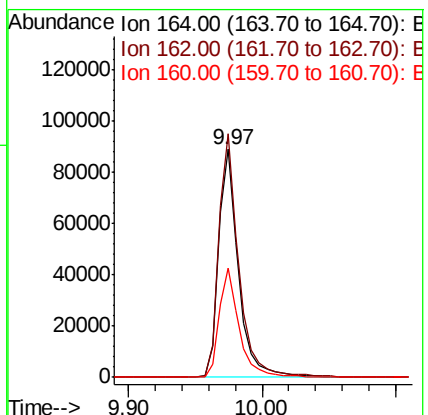
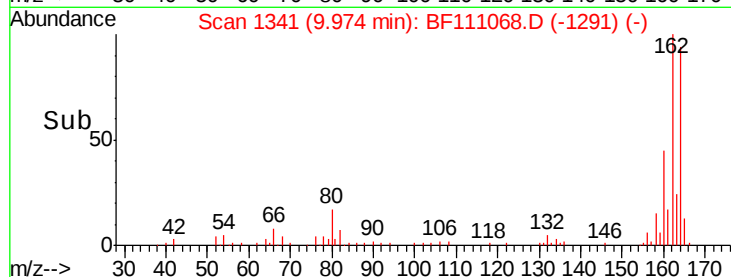
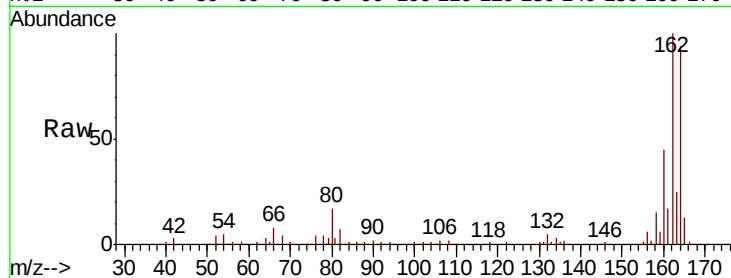
Tgt Ion:164 Resp: 93544

Ion Ratio Lower Upper

164 100

162 106.9 83.0 124.6

160 48.0 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 69.957 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

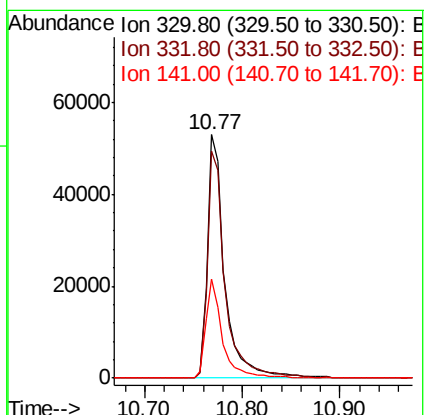
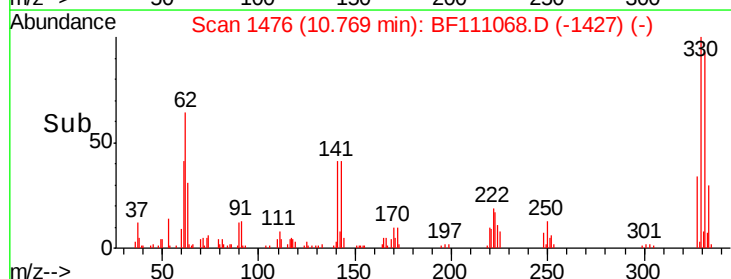
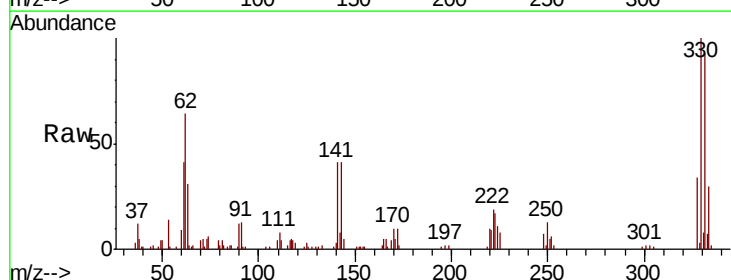
Tgt Ion:330 Resp: 64991

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

141 39.0 27.0 40.4

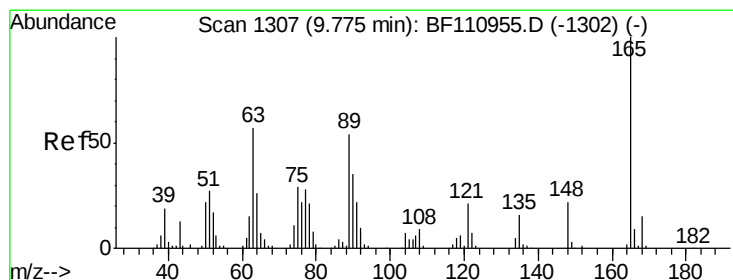
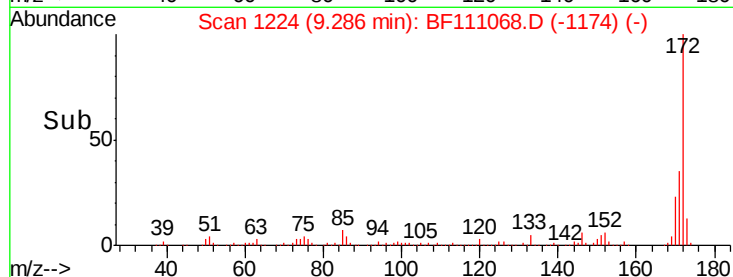
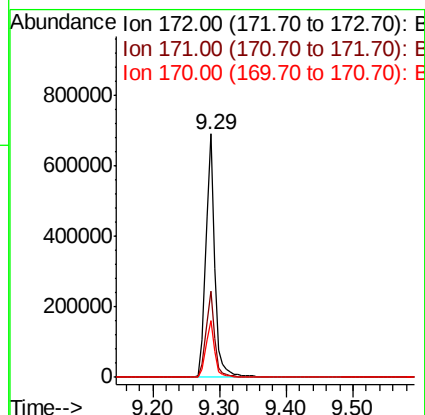
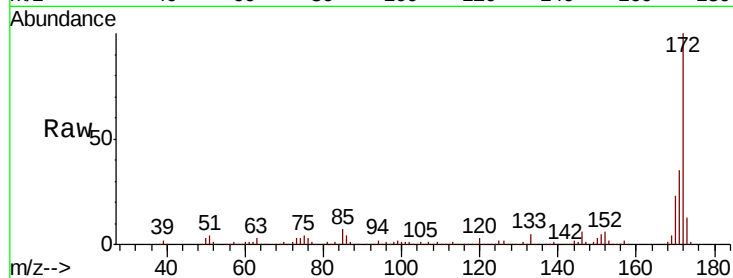




#45
 2-Fluorobiphenyl
 Concen: 97.233 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111068.D
 Acq: 29 Nov 2018 2:37

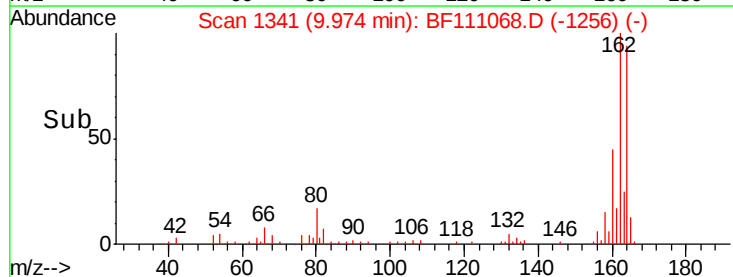
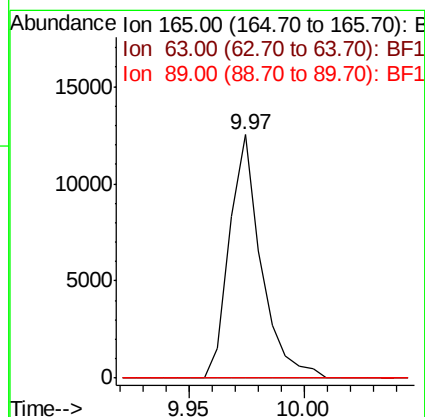
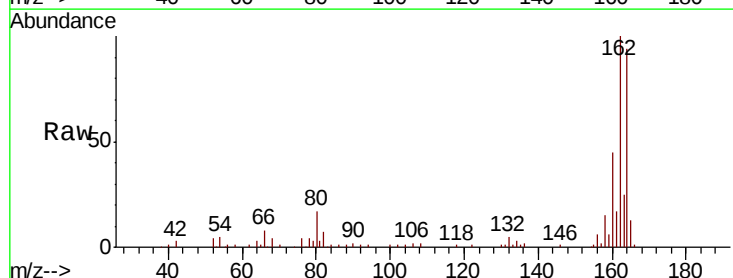
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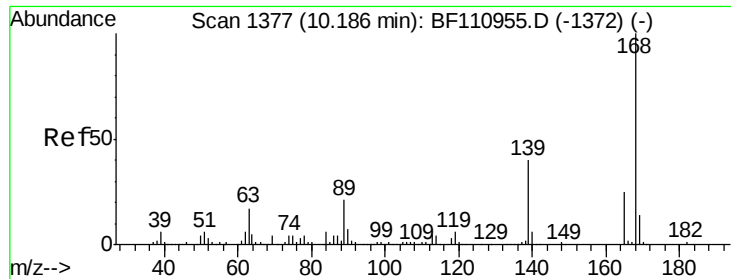
Tgt Ion:172 Resp: 627809
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.1 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.850 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.20 min
 Lab File: BF111068.D
 Acq: 29 Nov 2018 2:37

Tgt Ion:165 Resp: 11990
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#

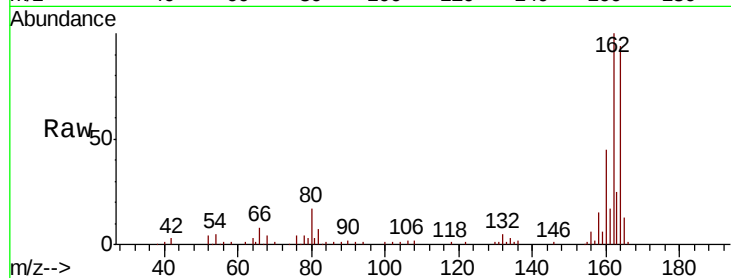




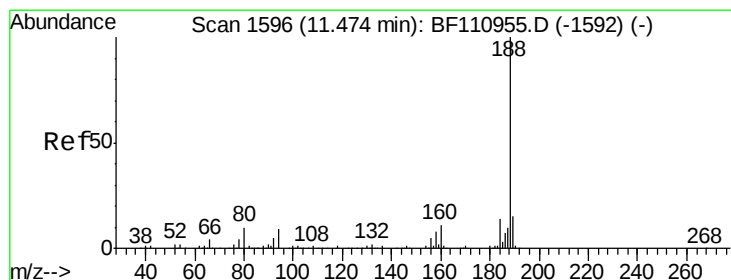
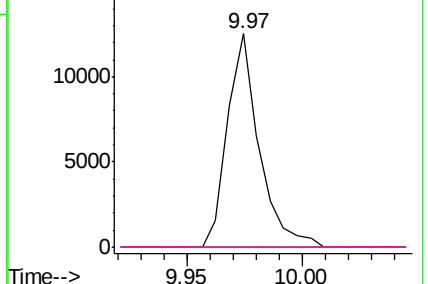
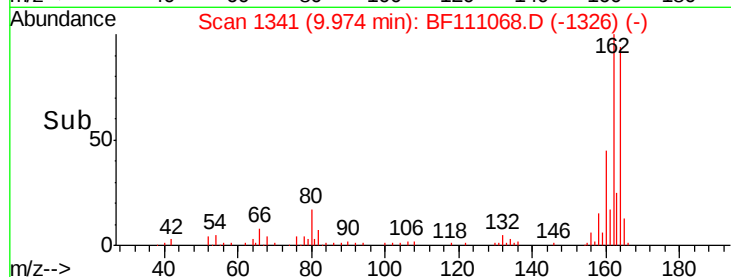
#57
2,4-Dinitrotoluene
Concen: 6.051 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt 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#

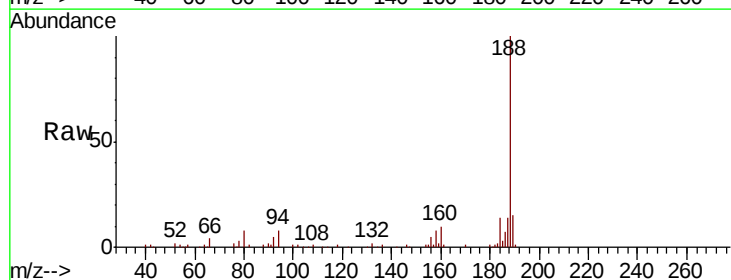


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

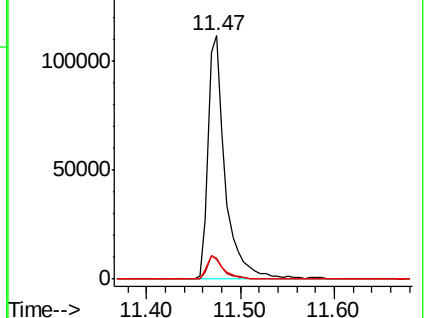
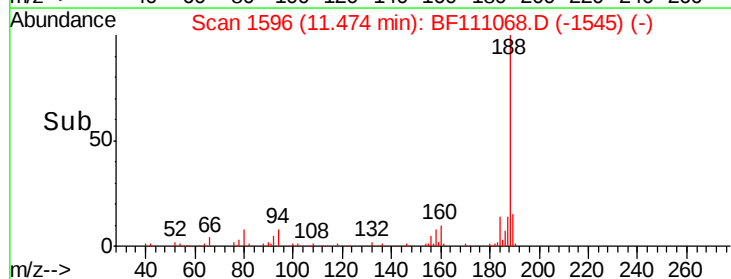


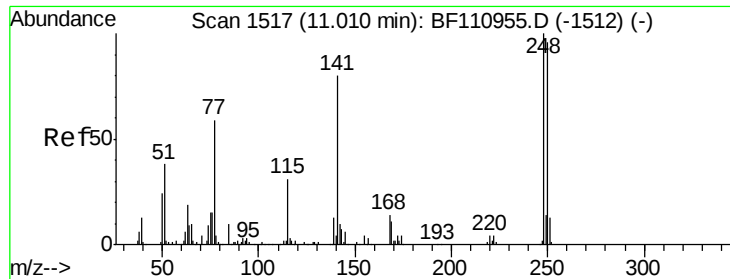
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.3	7.9	11.9



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

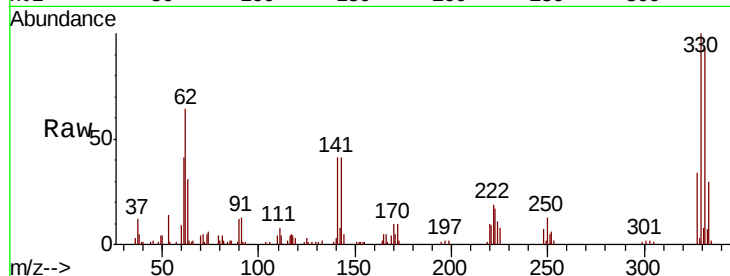




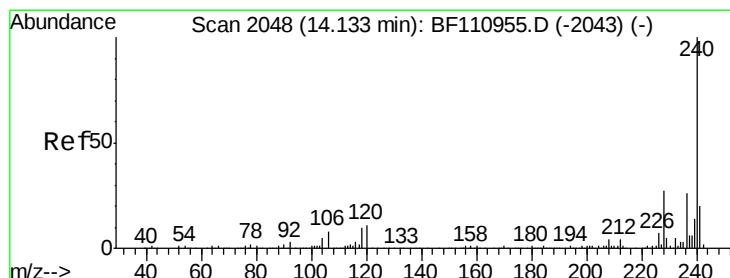
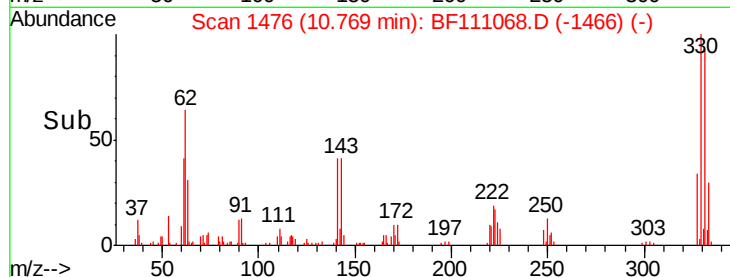
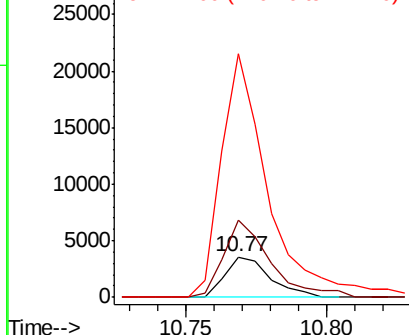
#67
4-Bromophenyl-phenylether
Concen: 2.519 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.24 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:248 Resp: 3966
Ion Ratio Lower Upper
248 100
250 189.7 79.4 119.2#
141 598.3 55.9 83.9#

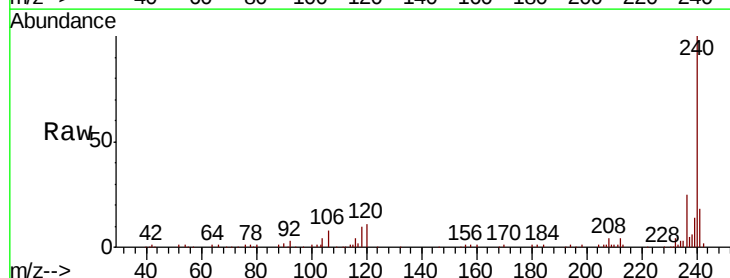


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

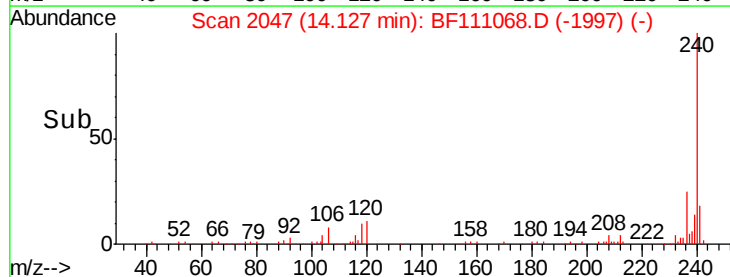
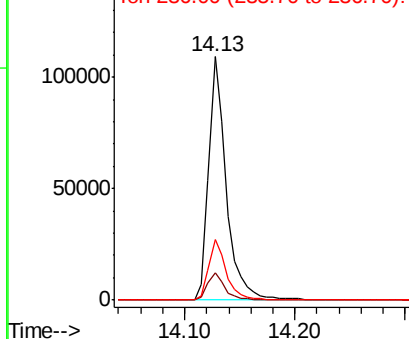


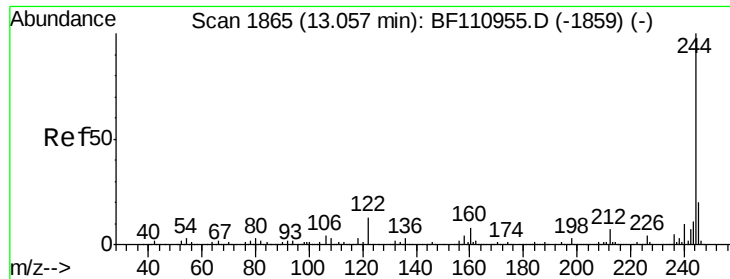
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111068.D
Acq: 29 Nov 2018 2:37

Tgt Ion:240 Resp: 118400
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 25.0 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: 72.444 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

Instrument :

BNA_F

ClientSampleId :

DFTPP

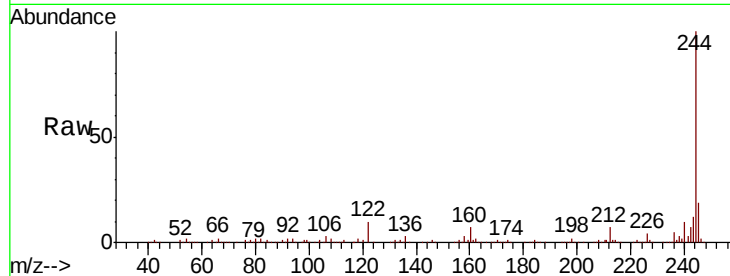
Tgt Ion:244 Resp: 440626

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

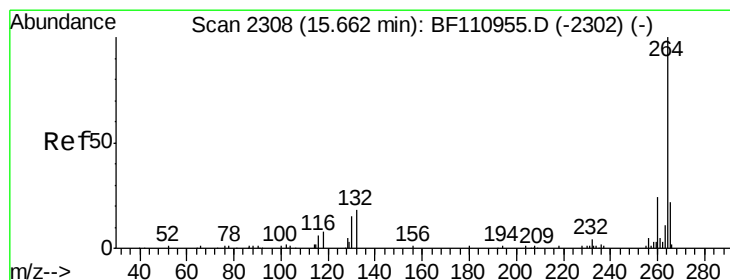
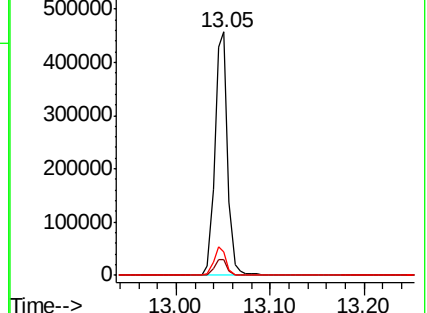
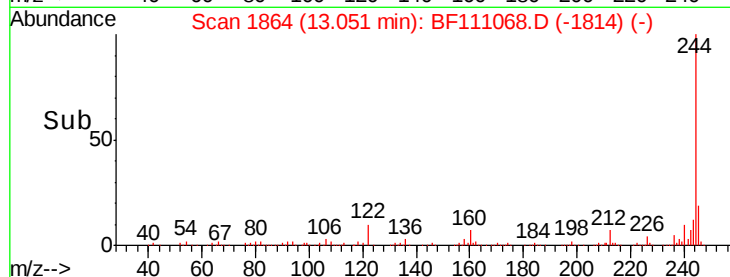
122 9.7 8.7 13.1



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# 2308

Delta R.T. -0.01 min

Lab File: BF111068.D

Acq: 29 Nov 2018 2:37

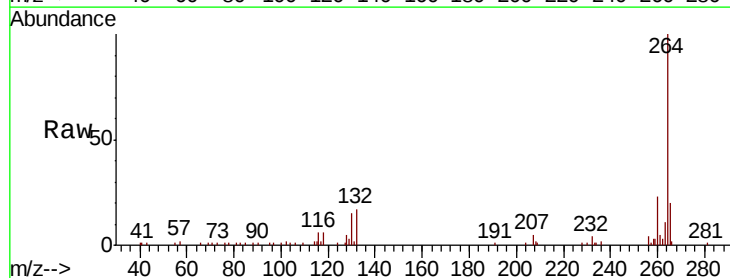
Tgt Ion:264 Resp: 80924

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 19.7 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

