

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112377.D
 Acq On : 4 Feb 2019 13:50
 Operator : JU/SJ
 Sample : PB116785BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BL

Quant Time: Feb 04 15:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

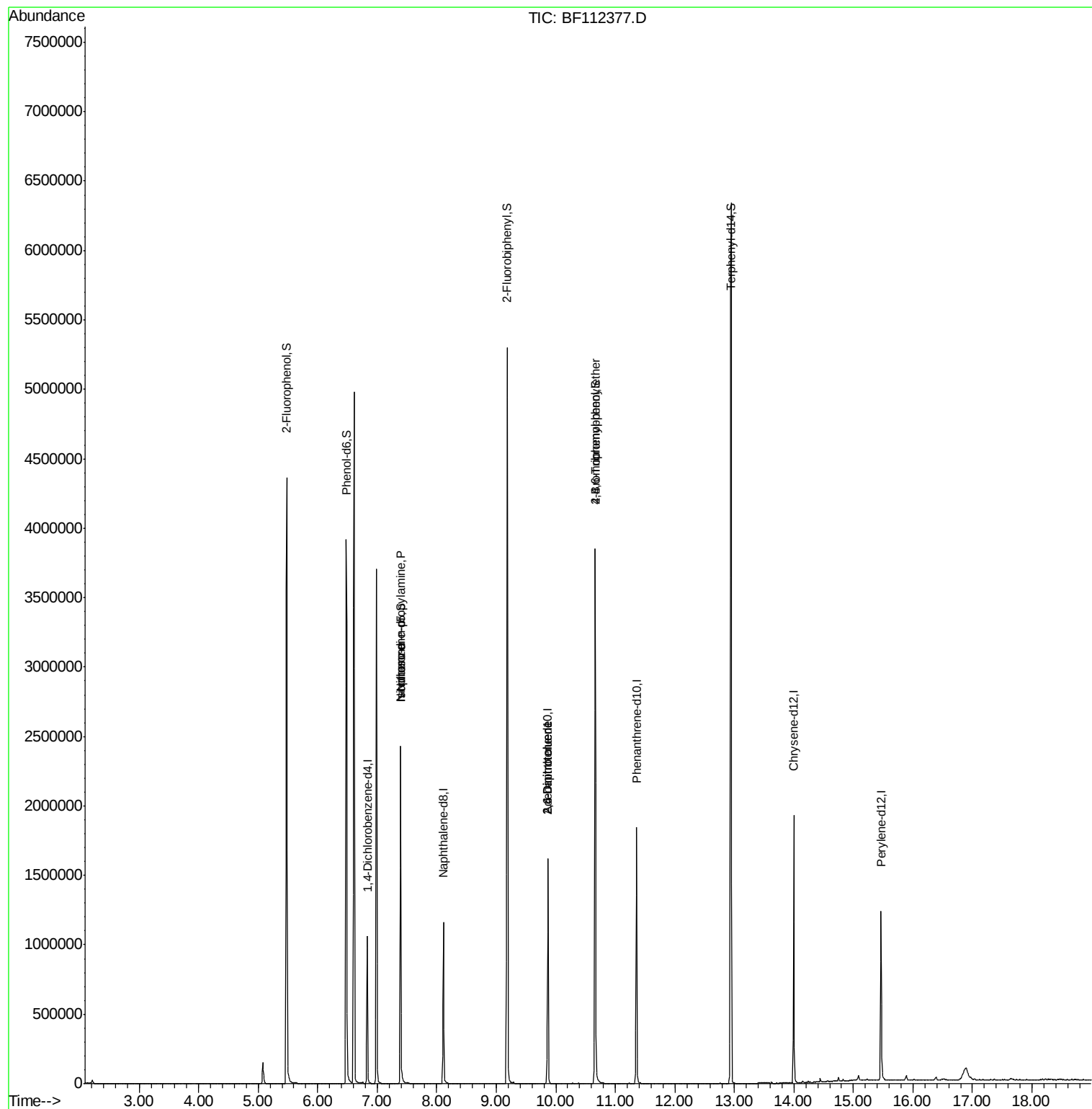
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	178578	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	685101	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	345879	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	714230	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	644249	20.00	ng	-0.01
87) Perylene-d12	15.46	264	575410	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1265588	150.53	ng	0.00
7) Phenol-d6	6.48	99	1612016	137.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1008639	84.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	541698	134.55	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2088583	85.40	ng	-0.02
79) Terphenyl-d14	12.94	244	2430895	71.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	139200	17.280	ng	# 78
25) Isophorone	7.39	82	994522	53.317	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	43499	7.228	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	43499	5.677	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	33204	3.953	ng	# 1

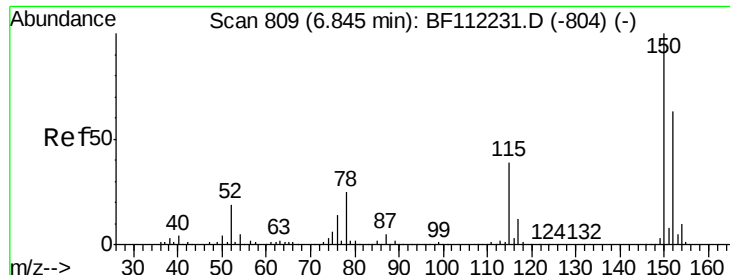
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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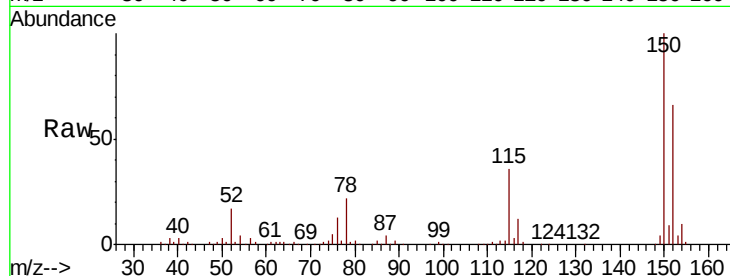


#1

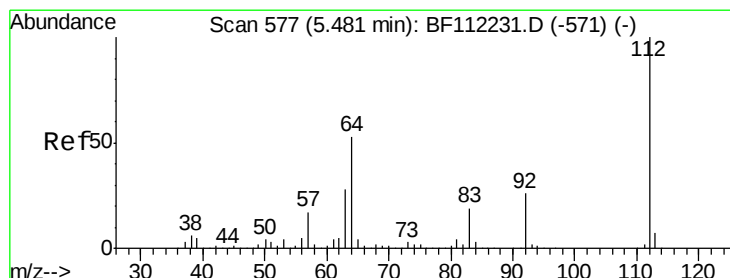
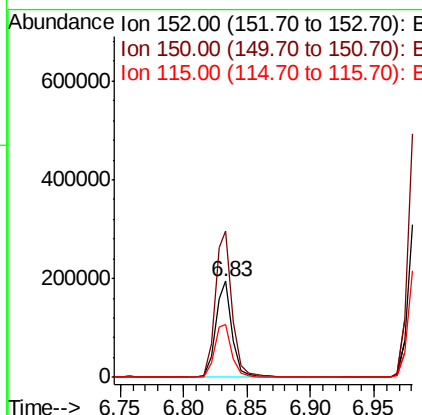
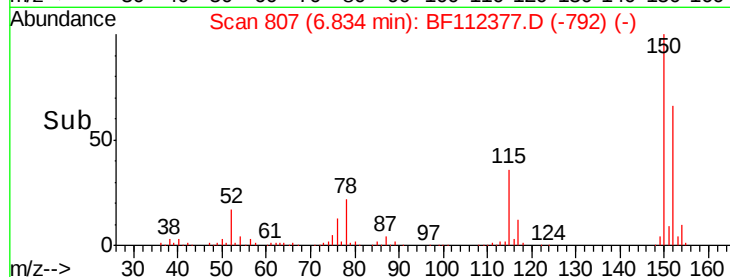
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BL

Tot Ion:152 Resp: 178578
 Ion Ratio Lower Upper
 152 100
 150 152.5 127.4 191.0
 115 55.5 45.5 68.3



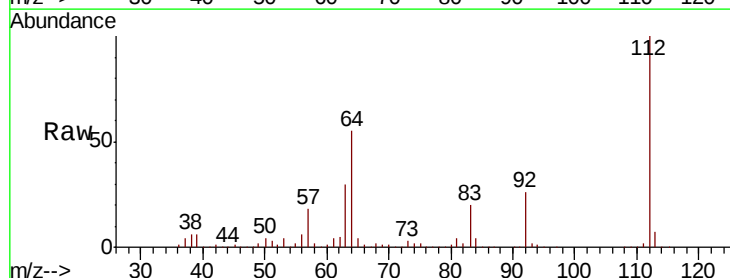
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



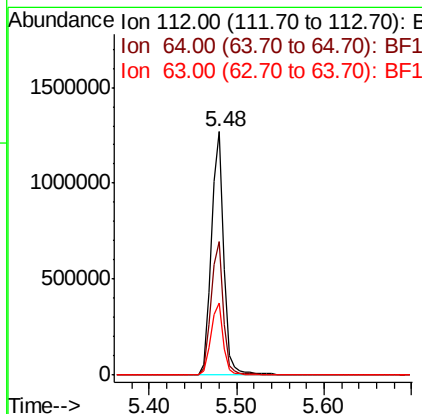
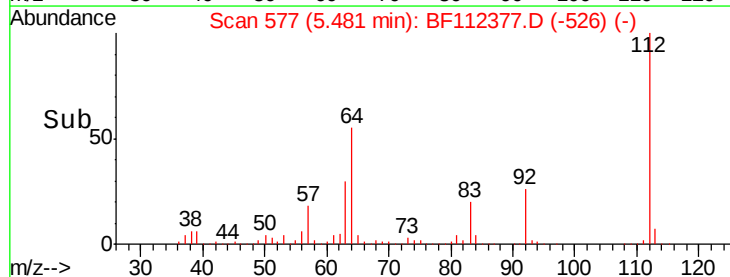
#5

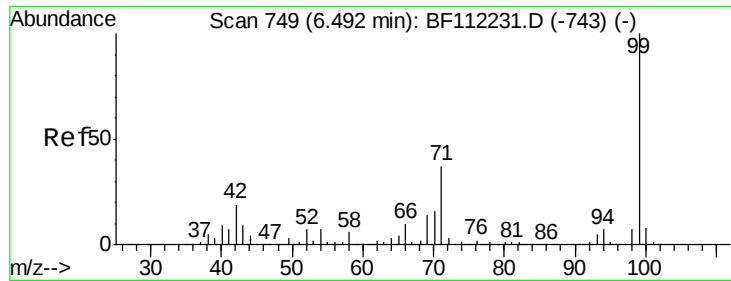
2-Fluorophenol
 Concen: 150.533 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

Tgt Ion:112 Resp: 1265588
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.7 68.5
 63 29.8 23.6 35.4



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: 137.986 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB116785BL

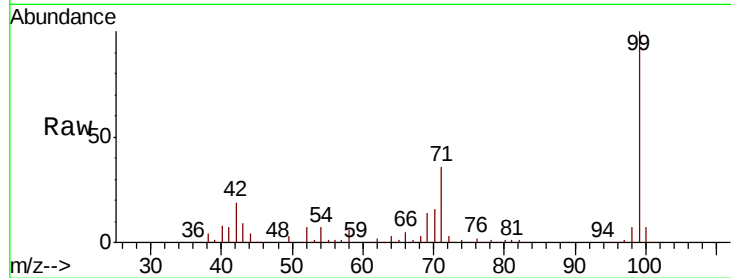
Tot Ion: 99 Resp: 1612016

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

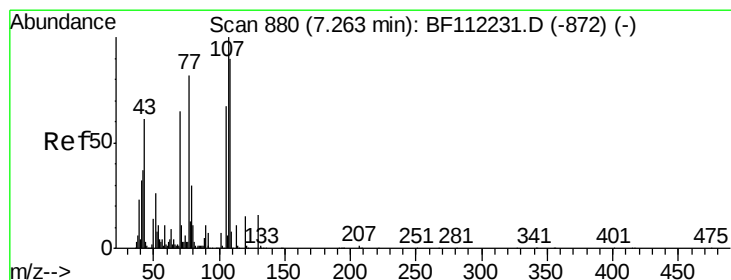
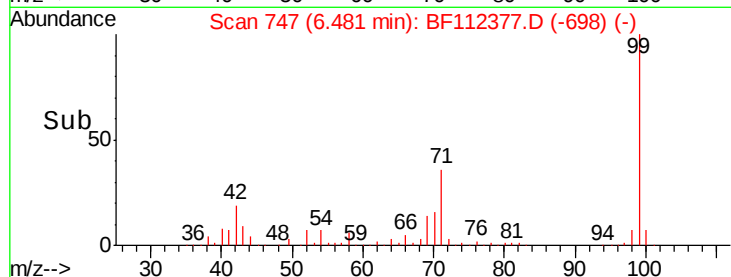
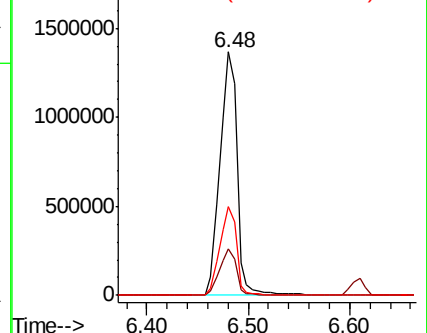
71 36.2 26.9 40.3



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: 17.280 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

Tgt Ion: 70 Resp: 139200

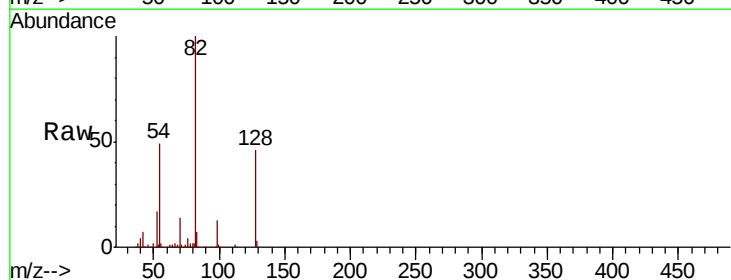
Ion Ratio Lower Upper

70 100

42 49.2 47.6 71.4

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

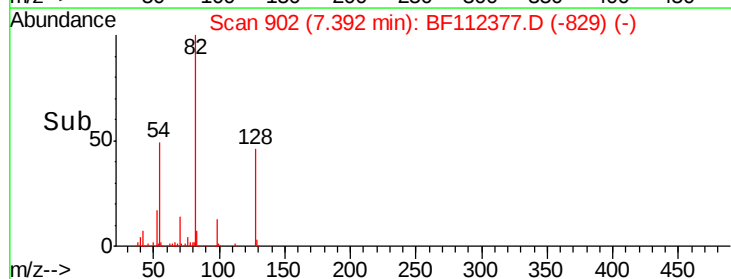
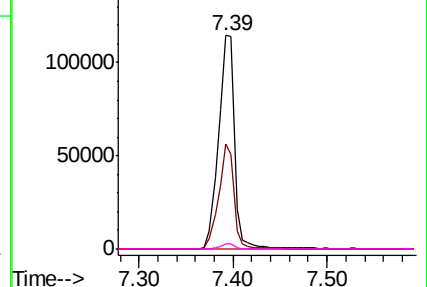


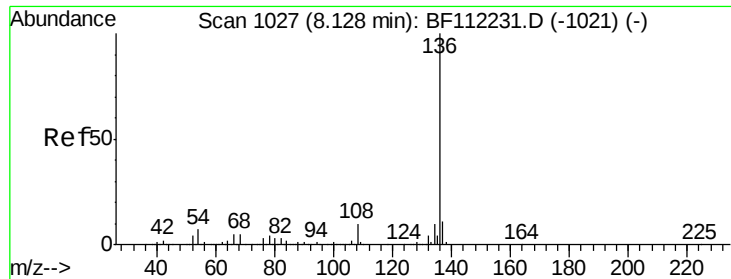
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

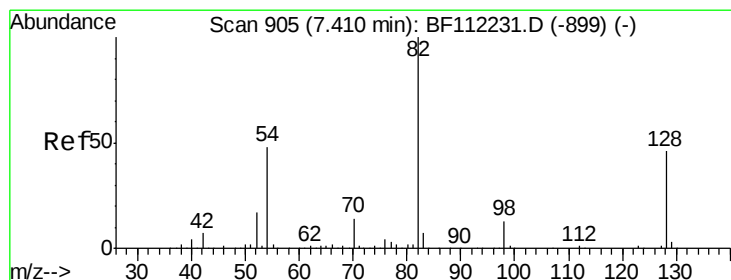
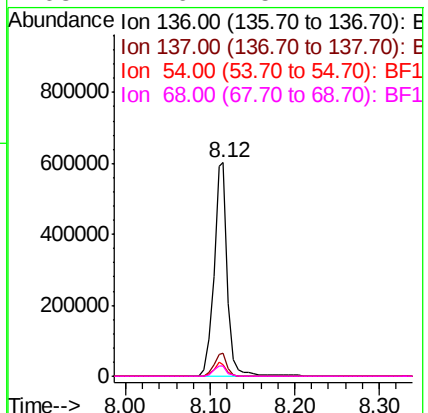
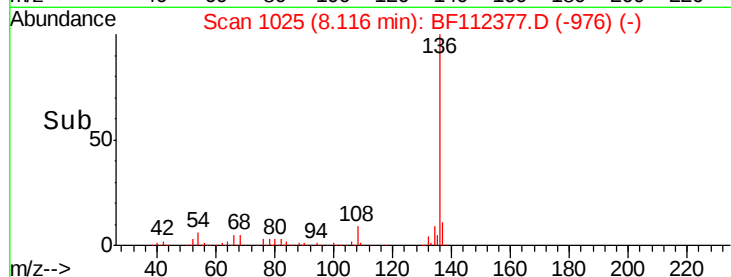
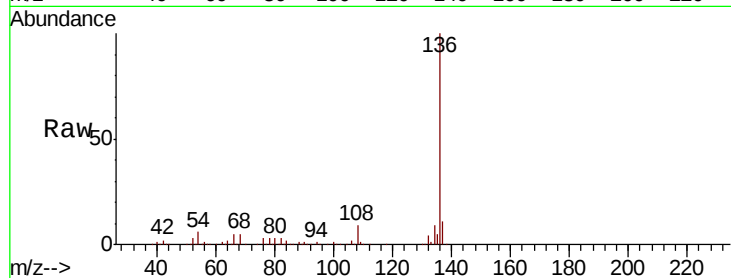




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112377.D
Acq: 4 Feb 2019 13:50

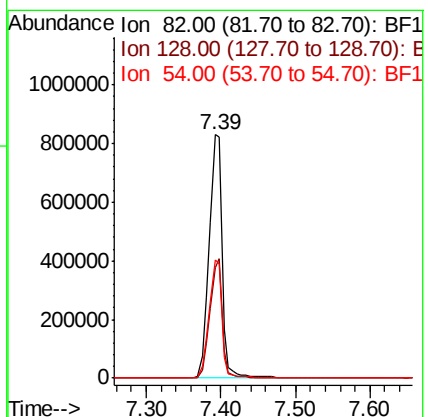
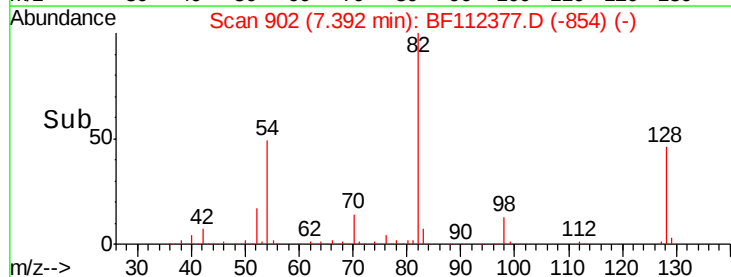
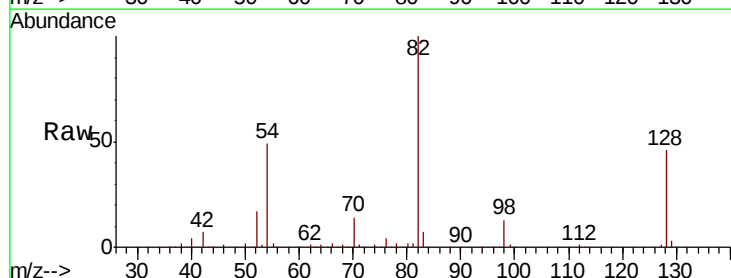
Instrument :
BNA_F
ClientSampleId :
PB116785BL

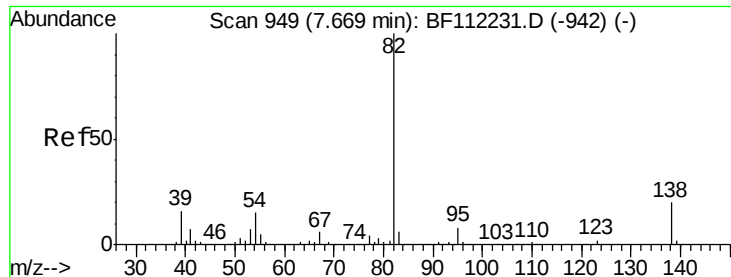
Tot Ion:136	Resp:	685101
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	5.6	5.9 8.9#
68	4.6	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 84.831 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112377.D
Acq: 4 Feb 2019 13:50

Tgt Ion: 82	Resp:	1008639
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.8 56.8
54	48.7	39.7 59.5





#25

Isophorone

Concen: 53.317 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB116785BL

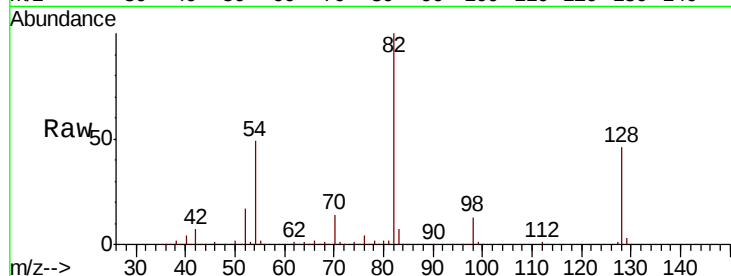
Tot Ion: 82 Resp: 994522

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

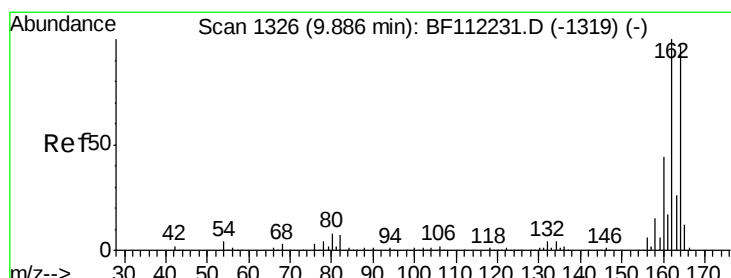
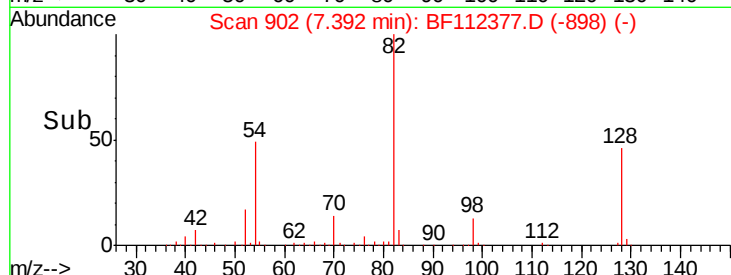
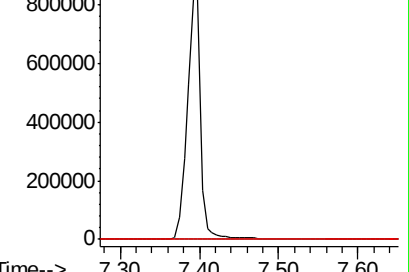
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF112231.D (-942) (-)

Ion 95.00 (94.70 to 95.70): BF112231.D (-942) (-)

Ion 138.00 (137.70 to 138.70): BF112231.D (-942) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

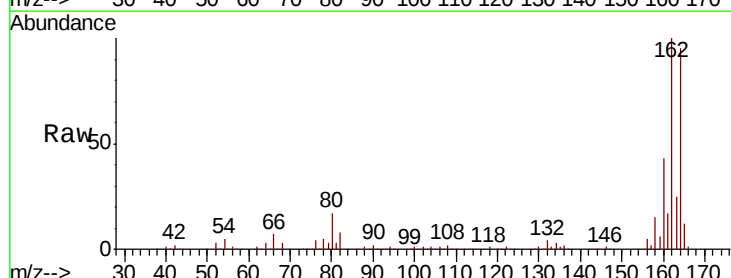
Tgt Ion: 164 Resp: 345879

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.4

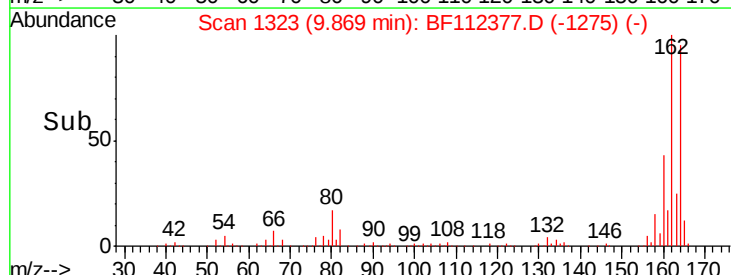
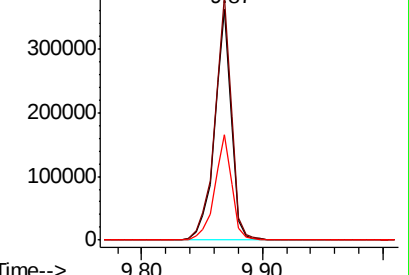
160 45.7 36.2 54.4

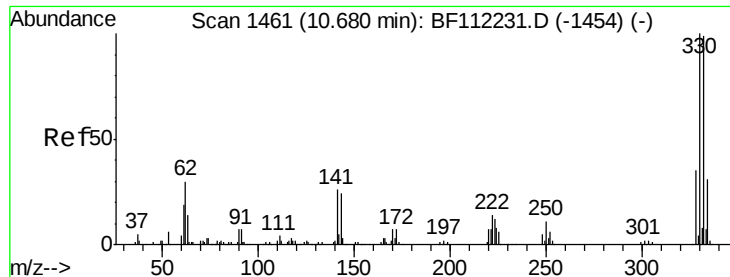


Abundance Ion 164.00 (163.70 to 164.70): BF112231.D (-1319) (-)

Ion 162.00 (161.70 to 162.70): BF112231.D (-1319) (-)

Ion 160.00 (159.70 to 160.70): BF112231.D (-1319) (-)

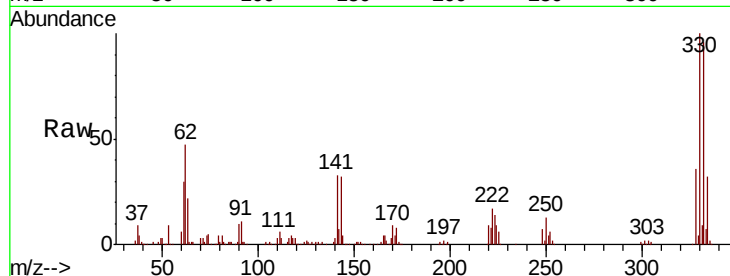




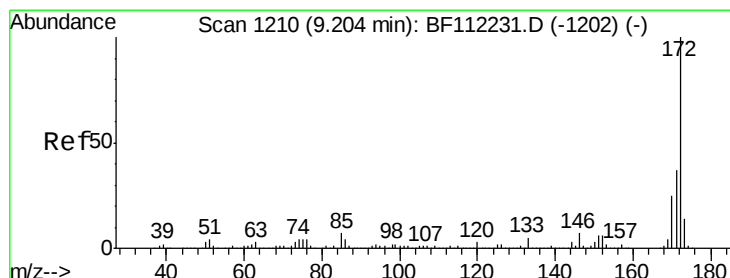
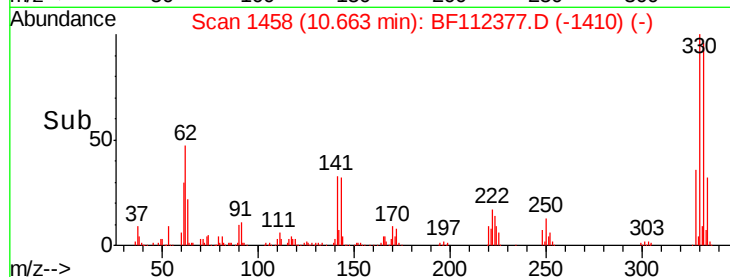
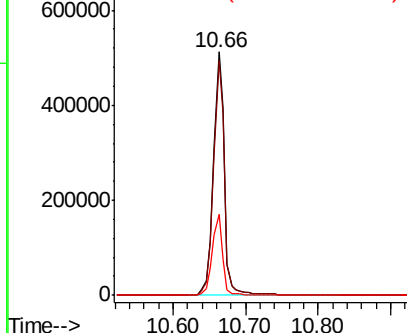
#42
 2,4,6-Tribromophenol
 Concen: 134.552 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	32.0	24.3	36.5

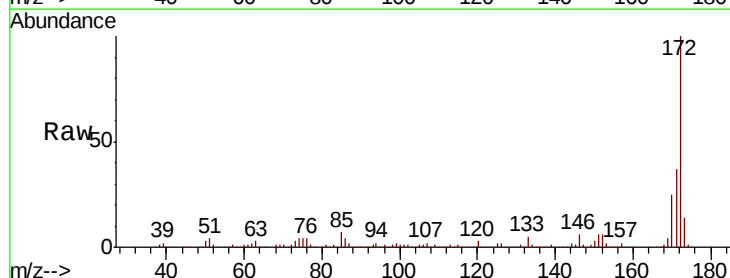


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

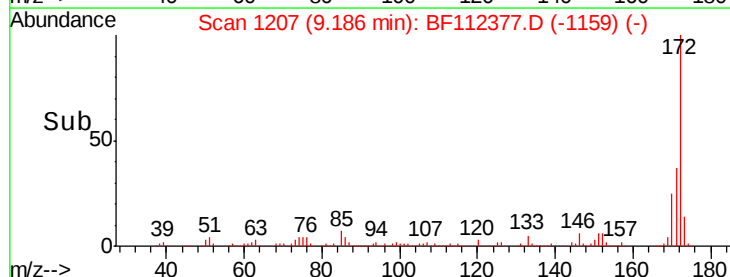
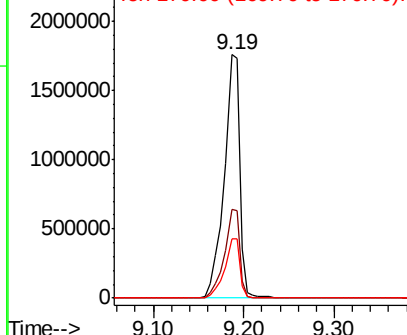


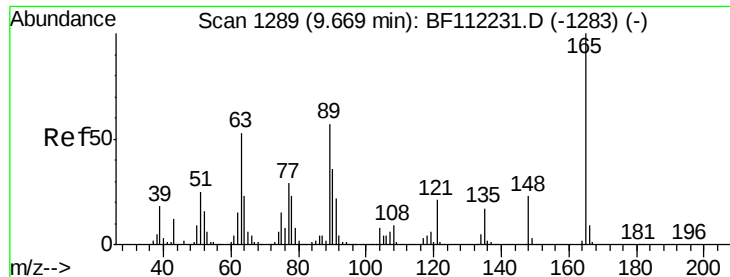
#45
 2-Fluorobiphenyl
 Concen: 85.404 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.6	20.2	30.4



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

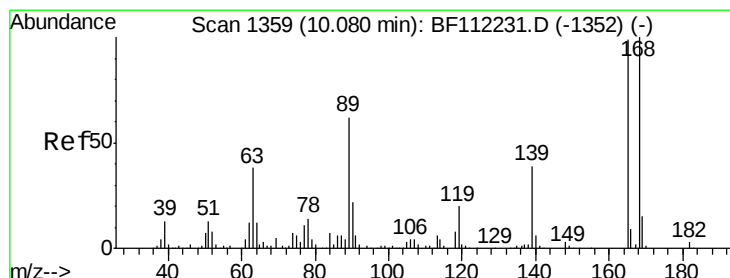
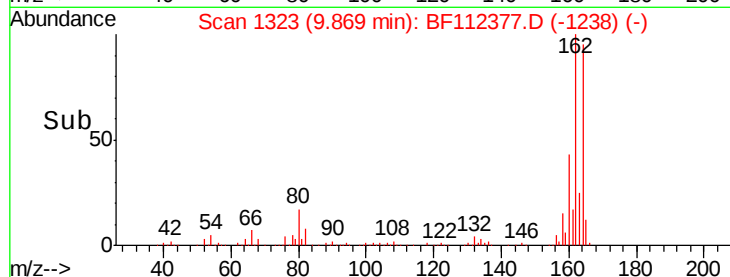
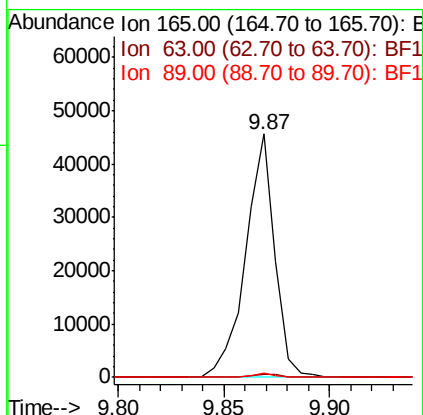
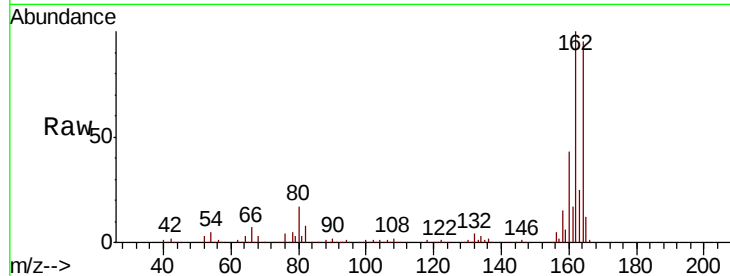




#51
 2,6-Dinitrotoluene
 Concen: 7.228 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

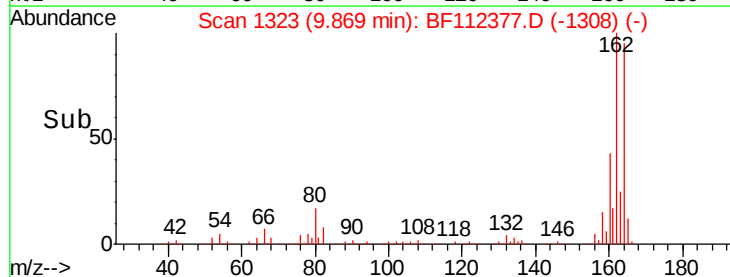
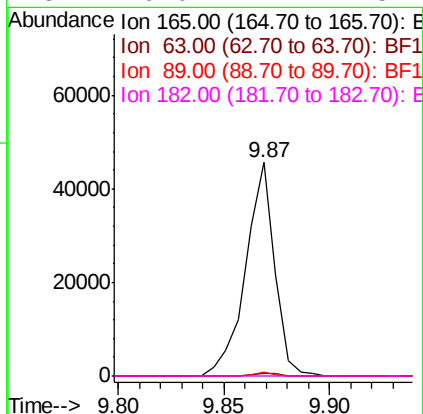
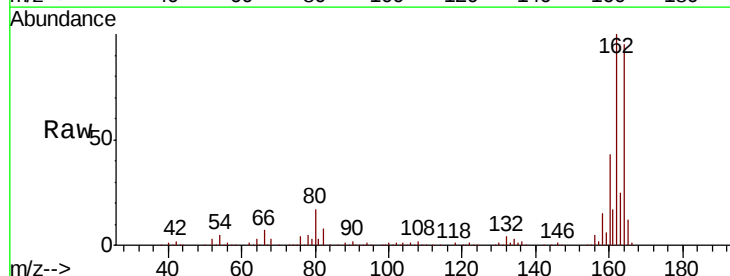
Instrument :
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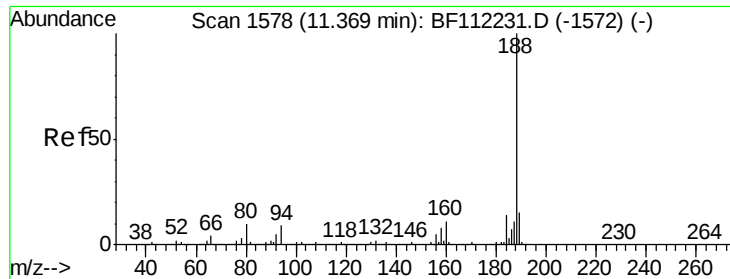
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.7	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.677 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112377.D
 Acq: 4 Feb 2019 13:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB116785BL

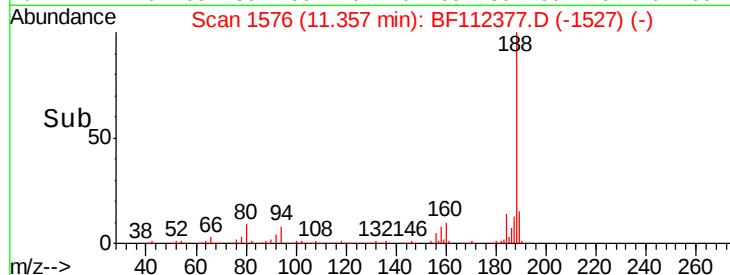
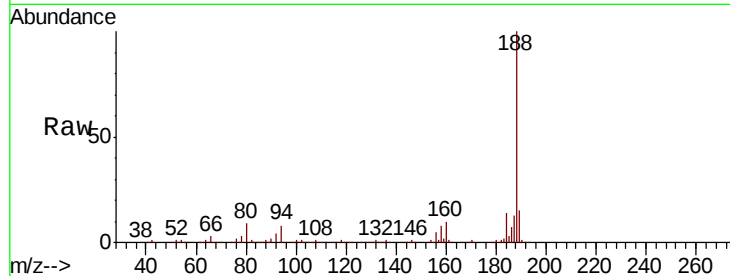
Tot Ion:188 Resp: 714230

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

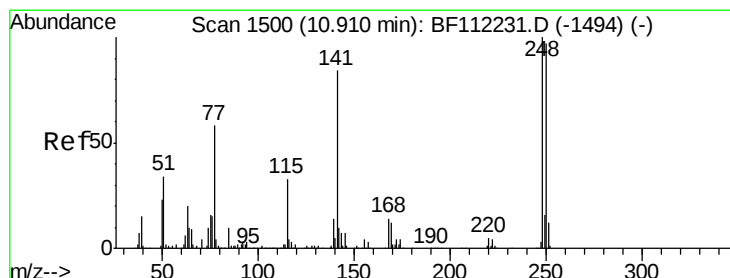
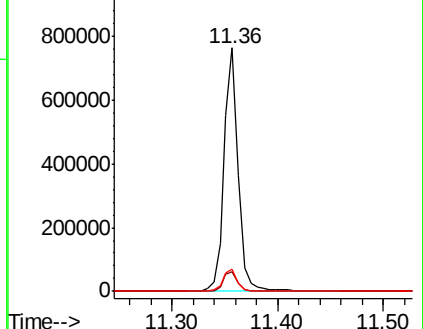
80 9.3 8.9 13.3



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: 3.953 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

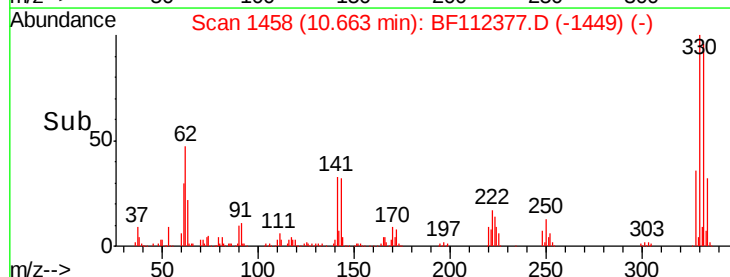
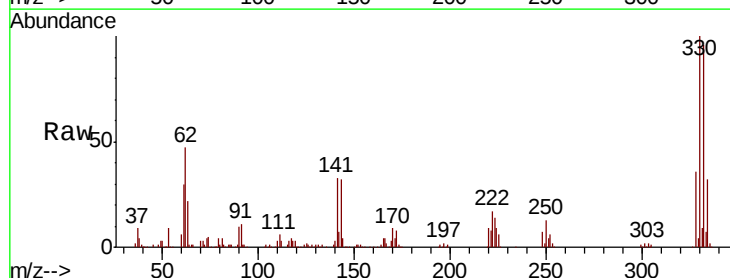
Tgt Ion:248 Resp: 33204

Ion Ratio Lower Upper

248 100

250 187.0 79.7 119.5#

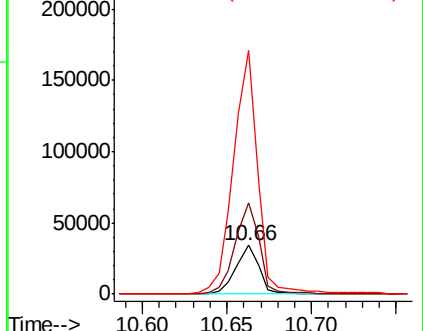
141 497.4 60.3 90.5#

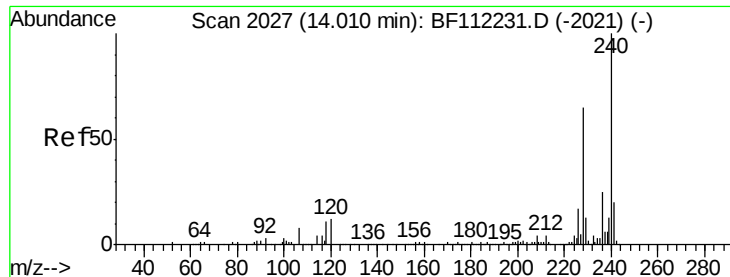


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

Instrument :

BNA_F

ClientSampleId :

PB116785BL

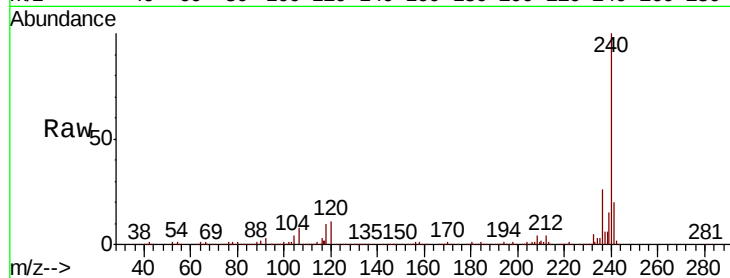
Tot Ion:240 Resp: 644249

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

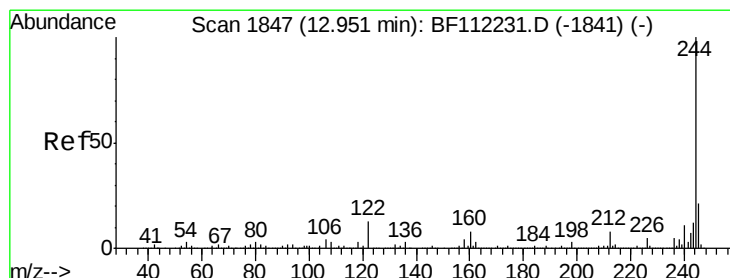
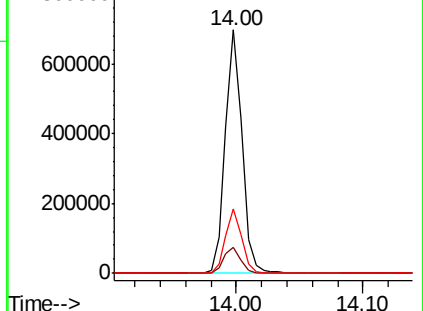
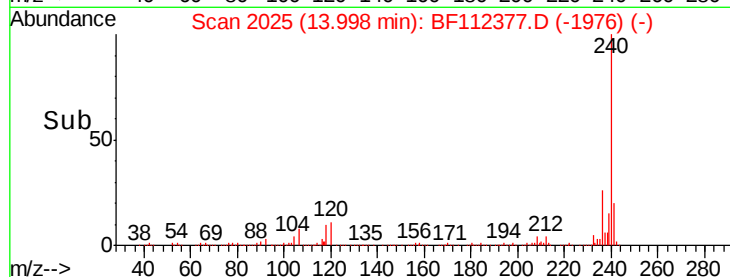
236 26.2 20.7 31.1



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: 71.067 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112377.D

Acq: 4 Feb 2019 13:50

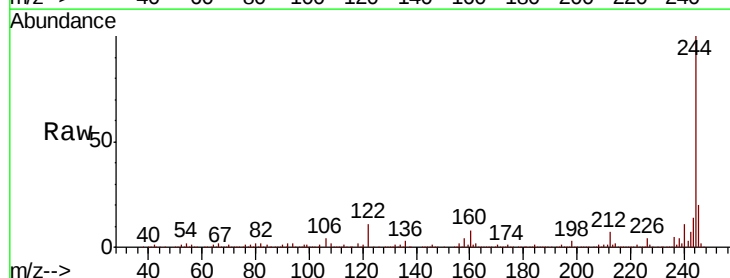
Tgt Ion:244 Resp: 2430895

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

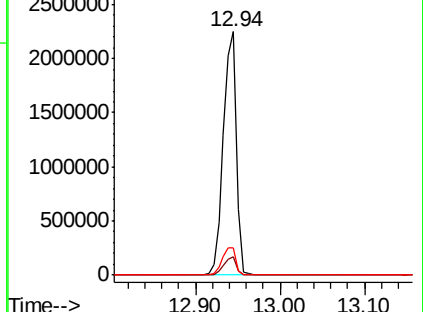
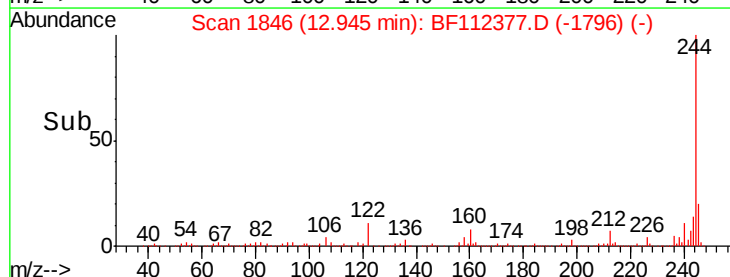
122 11.1 9.8 14.6

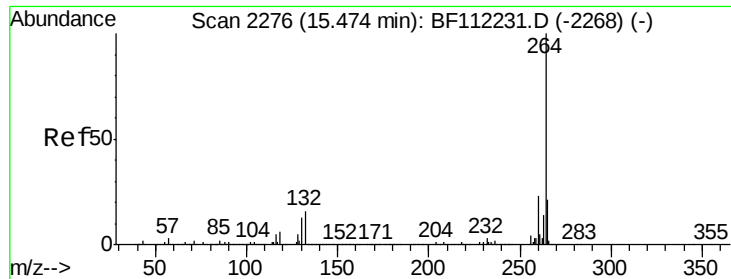


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112377.D
Acq: 4 Feb 2019 13:50

Instrument :
BNA_F
ClientSampleId :
PB116785BL

Tot Ion: 264 Resp: 575410

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.6	17.0	25.4

