

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110844.D
 Acq On : 19 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5975-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 12:47:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

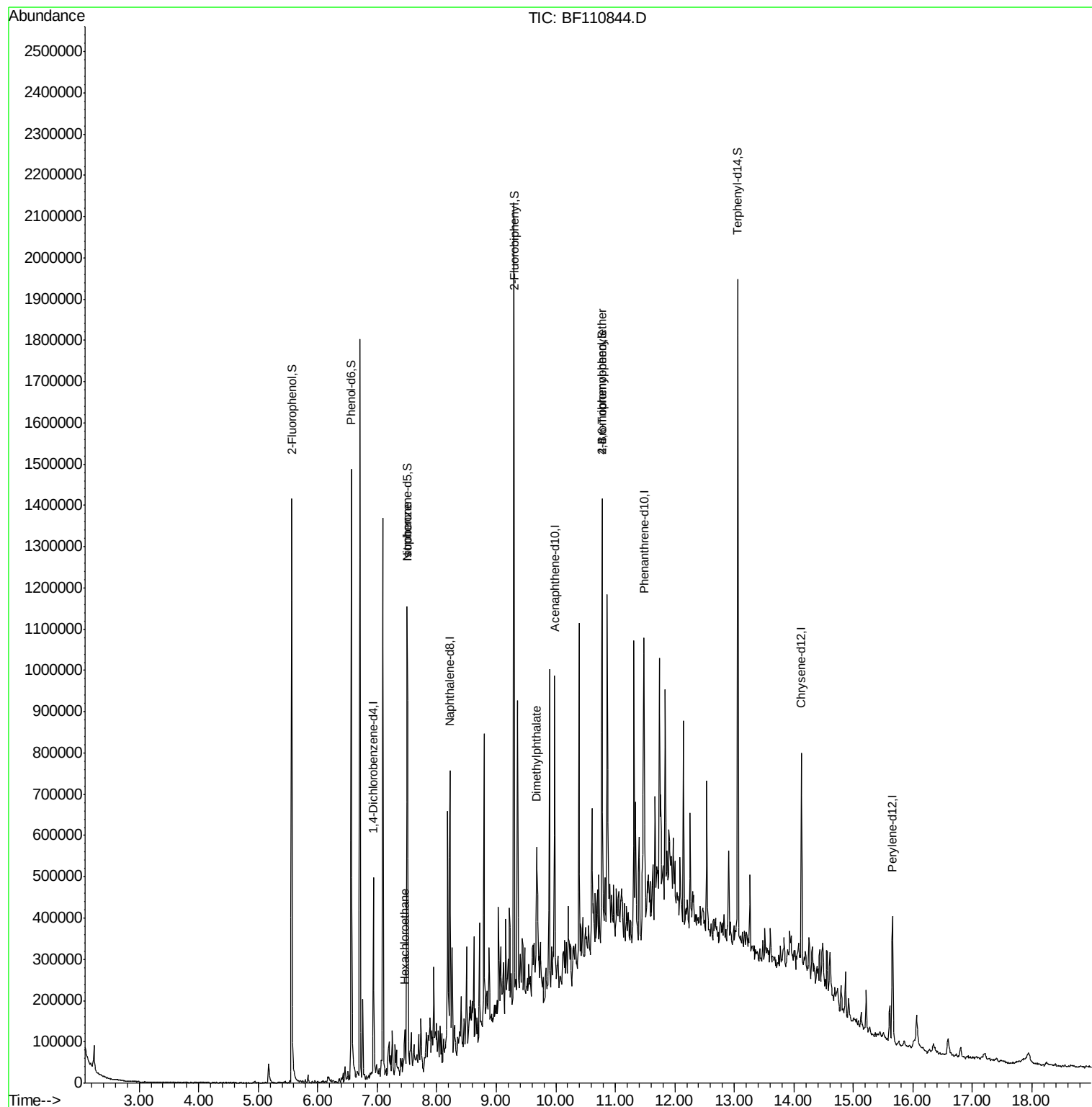
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	69434	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	291100	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	136598	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	251221	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158785	20.00	ng	-0.01
87) Perylene-d12	15.66	264	156106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	416984	97.55	ng	0.00
7) Phenol-d6	6.57	99	523992	95.86	ng	0.00
23) Nitrobenzene-d5	7.50	82	332714	65.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	131323	95.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	637985	66.70	ng	0.00
79) Terphenyl-d14	13.06	244	566012	66.76	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	507	Below Cal	Qvalue	# 1
18) Hexachloroethane	7.46	117	4134	2.011 ng	#	1
25) Isophorone	7.50	82	326565	39.418 ng	#	67
50) Dimethylphthalate	9.69	163	57264	5.618 ng		99
67) 4-Bromophenyl-phenylether	10.78	248	8444	3.041 ng	#	1

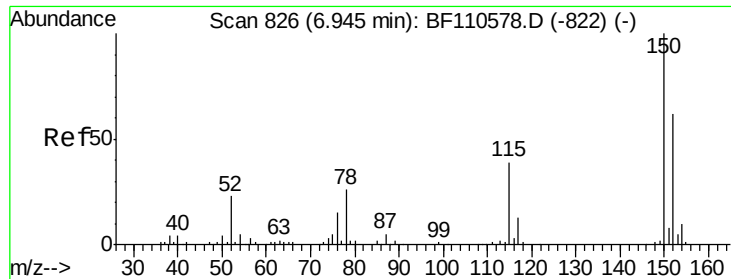
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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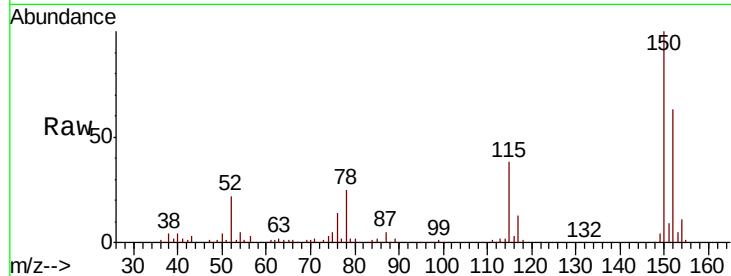


#1

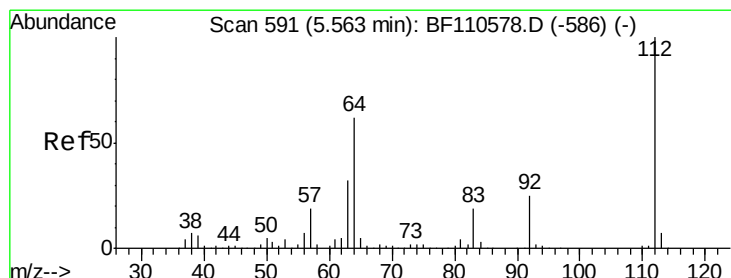
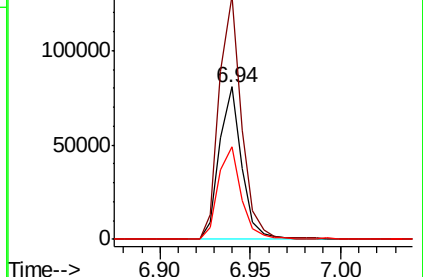
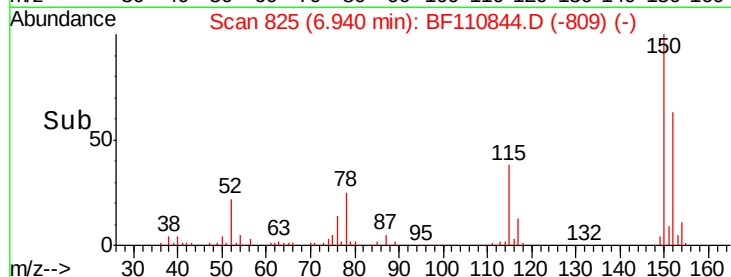
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 69434
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.7 184.1
 115 60.7 49.1 73.7



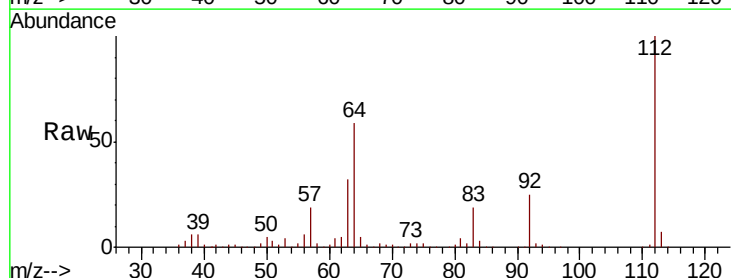
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



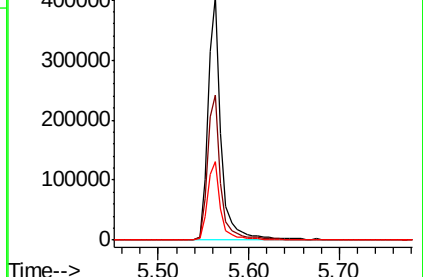
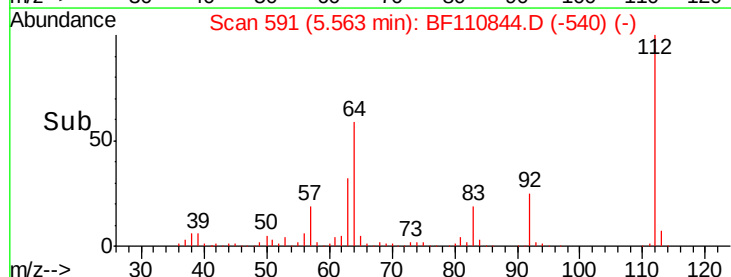
#5

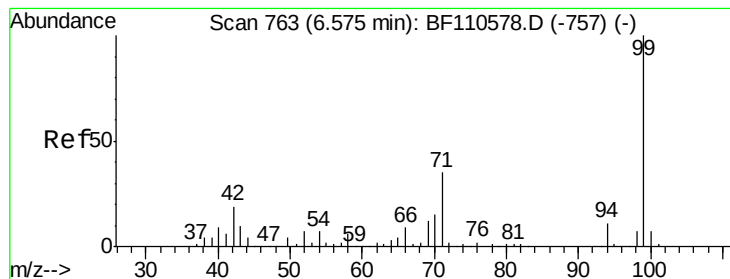
2-Fluorophenol
 Concen: 97.548 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion:112 Resp: 416984
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 32.3 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: 95.859 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampleId :

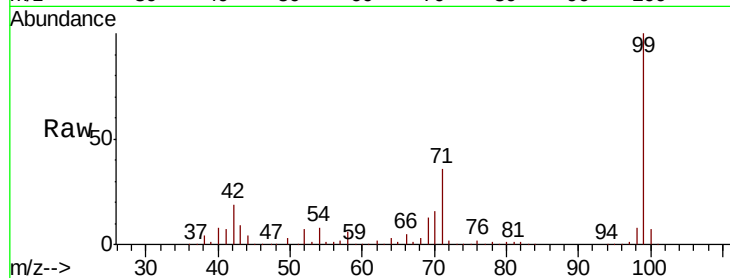
Tot Ion: 99 Resp: 523992

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

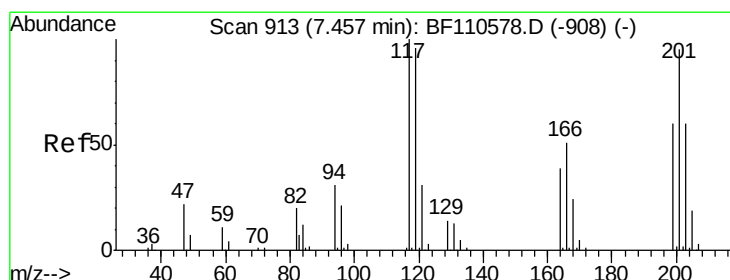
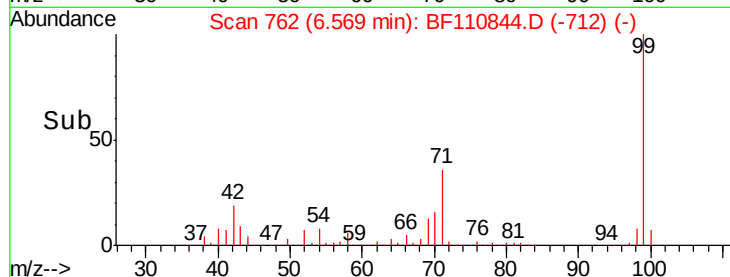
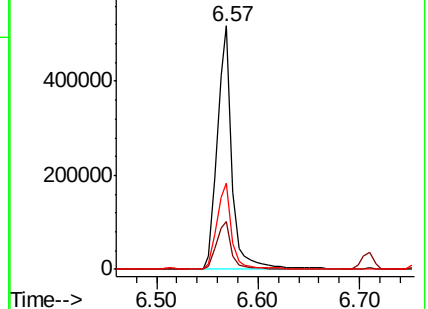
71 35.6 28.0 42.0



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



#18

Hexachloroethane

Concen: 2.011 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

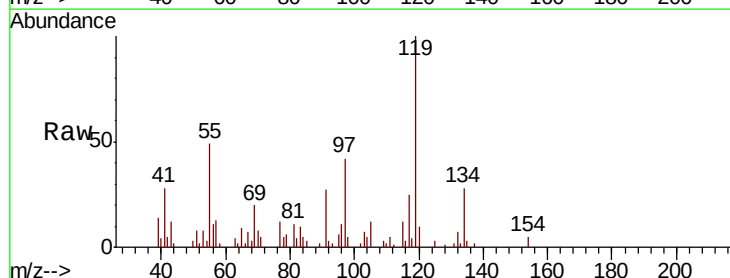
Tgt Ion: 117 Resp: 4134

Ion Ratio Lower Upper

117 100

119 404.2 75.0 112.6#

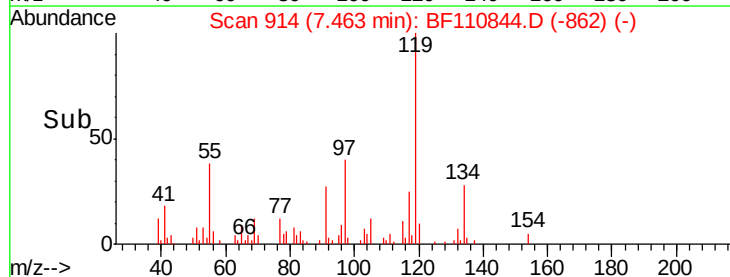
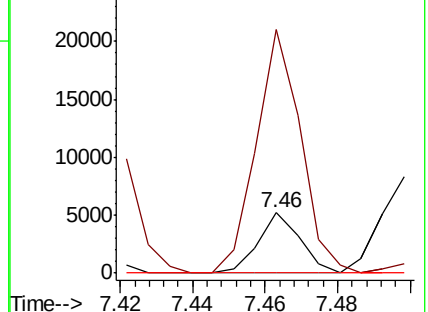
201 0.0 79.2 118.8#

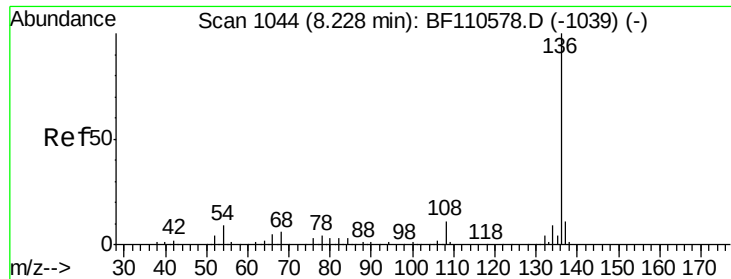


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

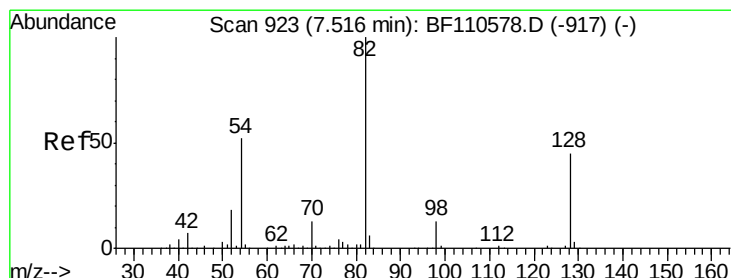
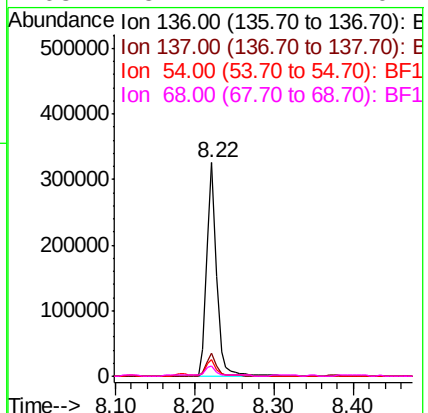
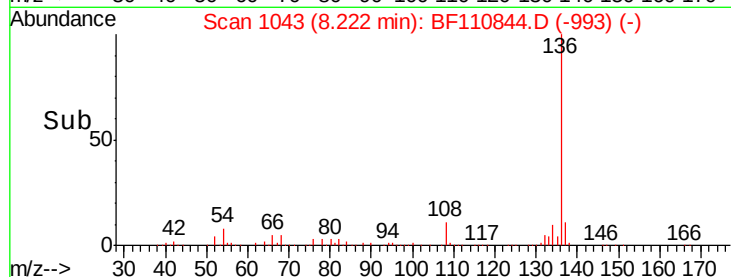
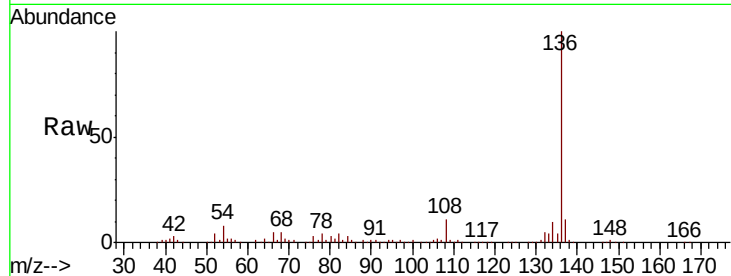




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110844.D
Acq: 19 Nov 2018 11:17

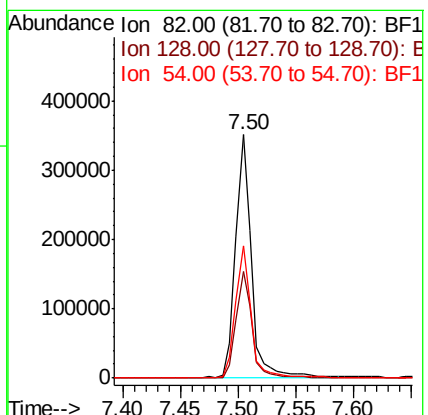
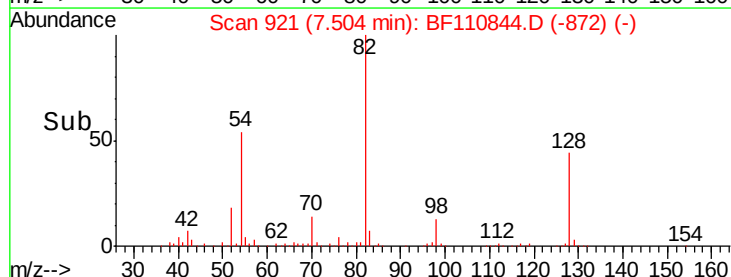
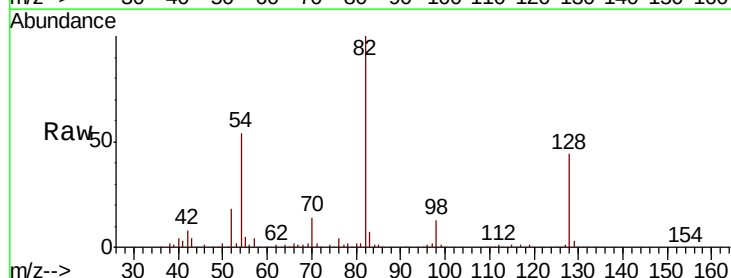
Instrument :
BNA_F
ClientSampleId :

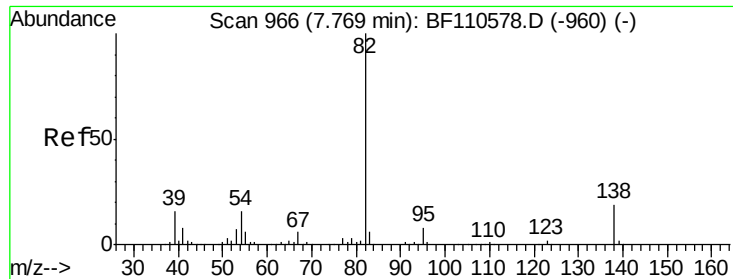
Tot Ion:136	Resp:	291100
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.8	5.4	8.2
68 5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 65.822 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110844.D
Acq: 19 Nov 2018 11:17

Tgt Ion: 82	Resp: 332714
Ion Ratio	Lower Upper
82 100	
128 43.8	34.2 51.2
54 54.2	38.6 58.0





#25

Isophorone

Concen: 39.418 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampled :

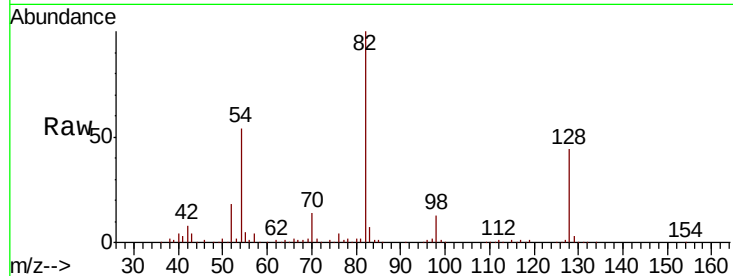
Tot Ion: 82 Resp: 326565

Ion Ratio Lower Upper

82 100

95 0.3 5.7 8.5#

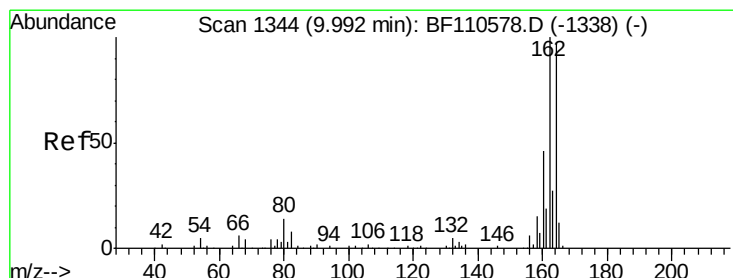
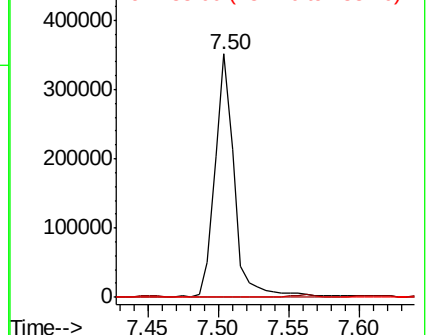
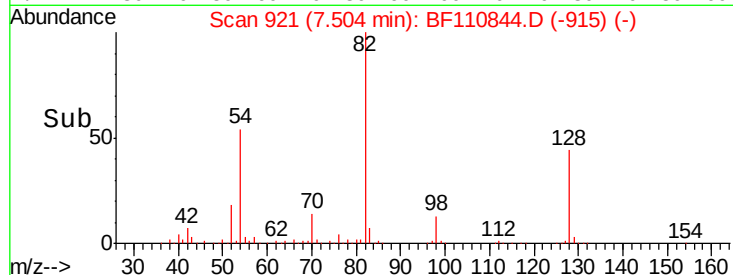
138 0.0 13.2 19.8#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

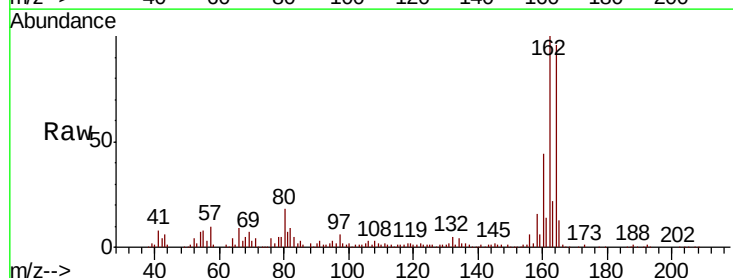
Tgt Ion:164 Resp: 136598

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

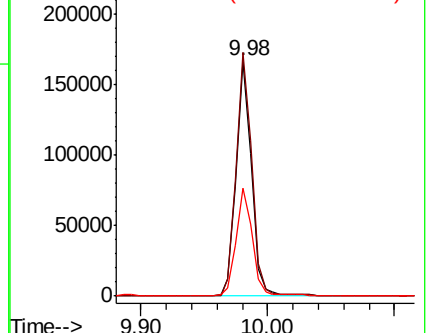
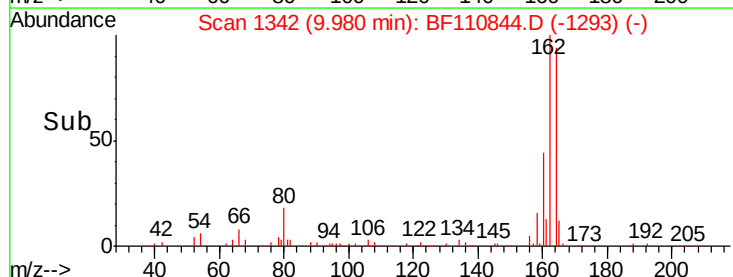
160 45.9 37.0 55.6

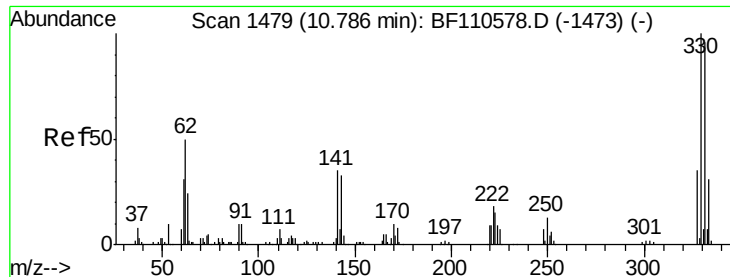


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

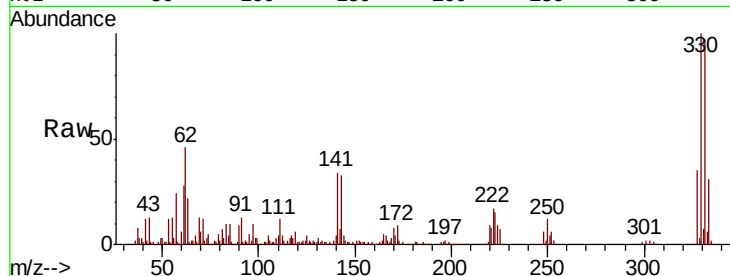




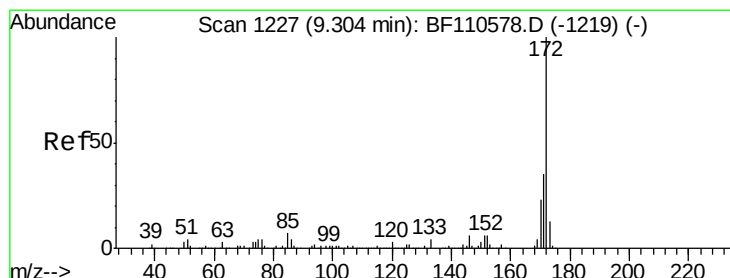
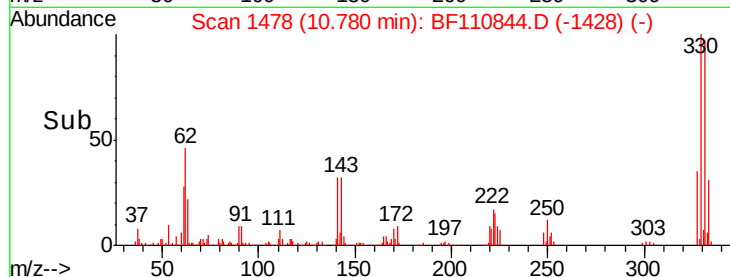
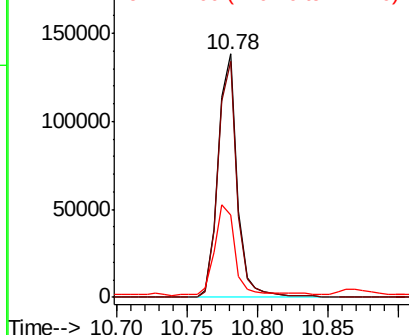
#42
 2,4,6-Tribromophenol
 Concen: 95.411 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	39.5	27.0	40.4

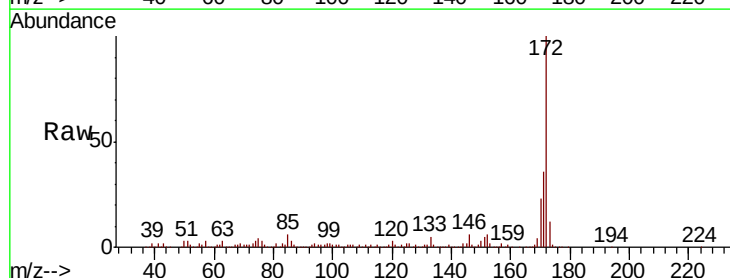


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

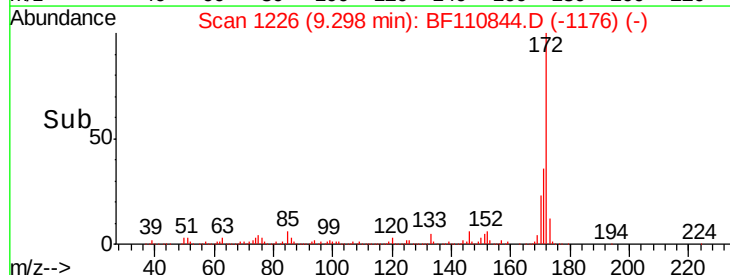
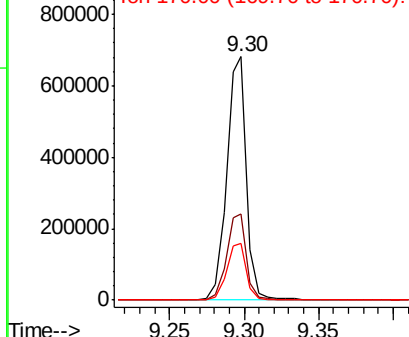


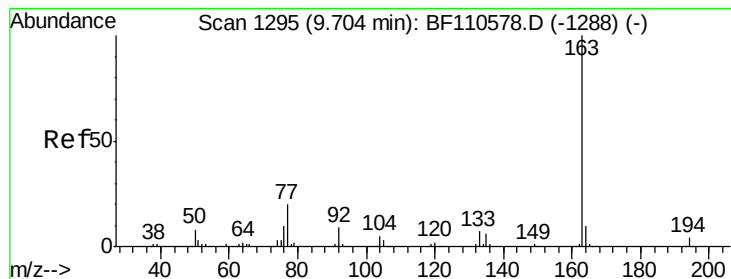
#45
 2-Fluorobiphenyl
 Concen: 66.704 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.4	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: 5.618 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampleId :

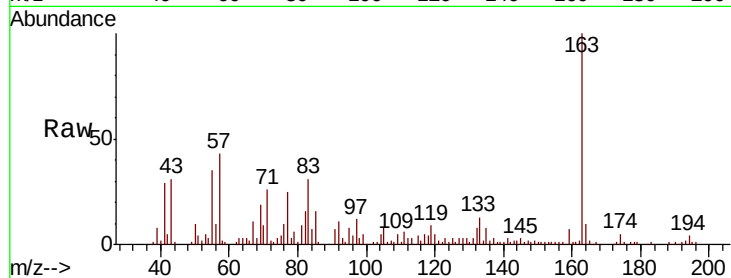
Tot Ion:163 Resp: 57264

Ion Ratio Lower Upper

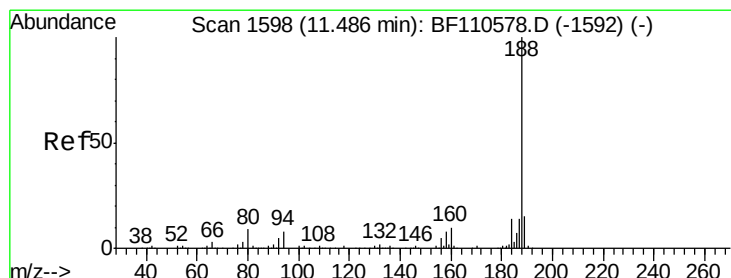
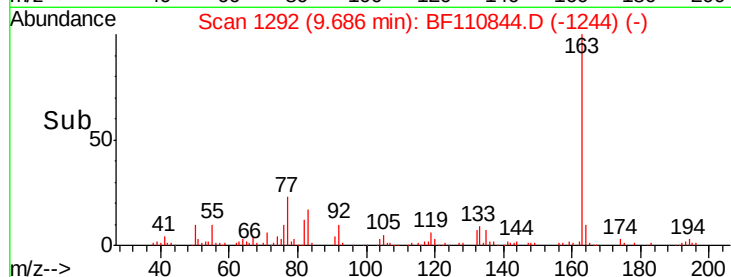
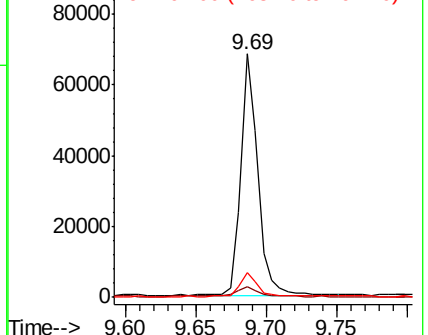
163 100

194 4.1 3.2 4.8

164 10.4 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

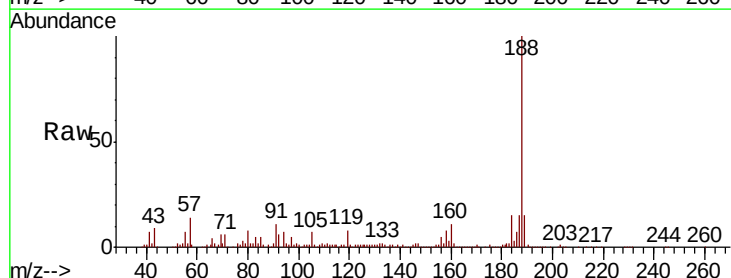
Tgt Ion:188 Resp: 251221

Ion Ratio Lower Upper

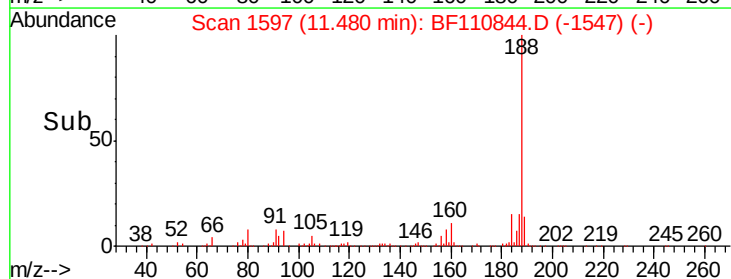
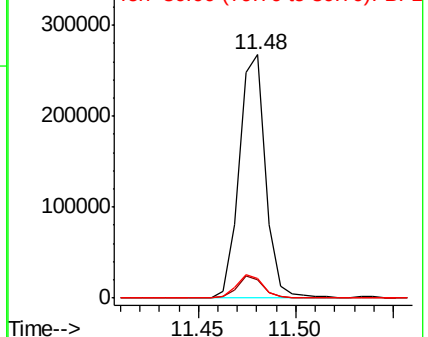
188 100

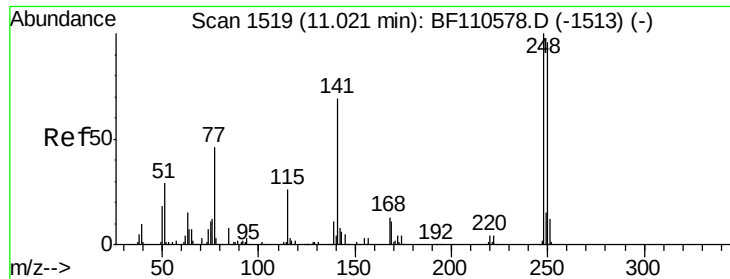
94 7.3 7.2 10.8

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

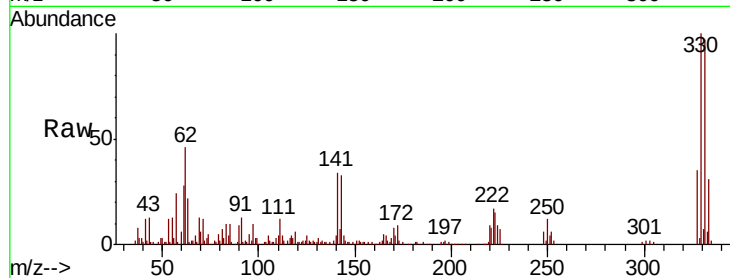




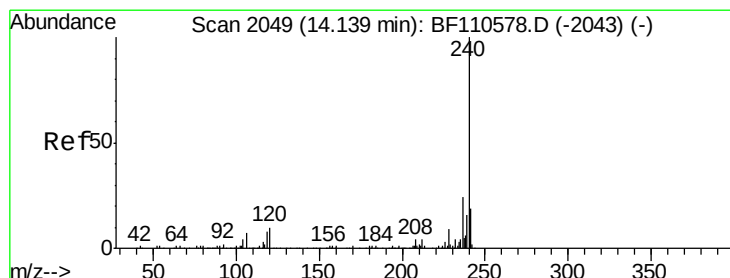
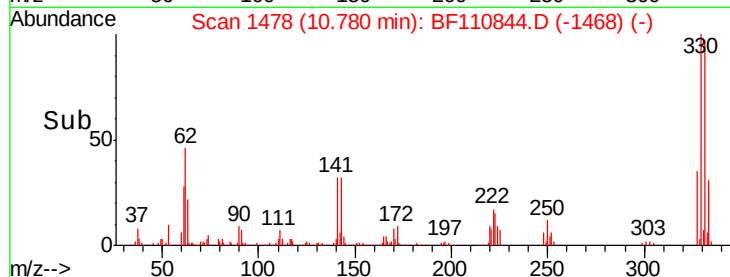
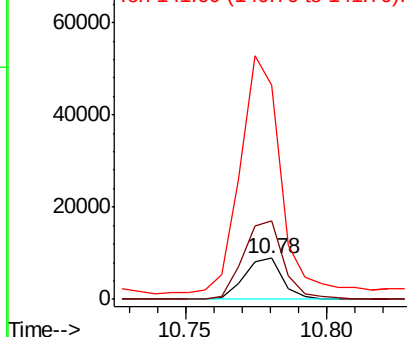
#67
 4-Bromophenyl-phenylether
 Concen: 3.041 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8444
 Ion Ratio Lower Upper
 248 100
 250 190.8 79.4 119.2#
 141 524.7 55.9 83.9#

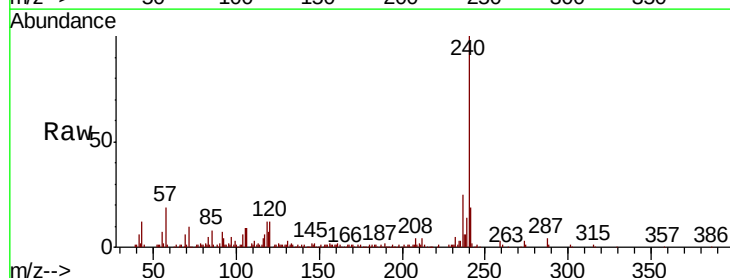


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

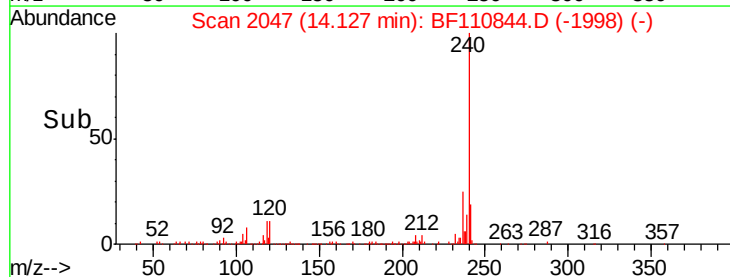
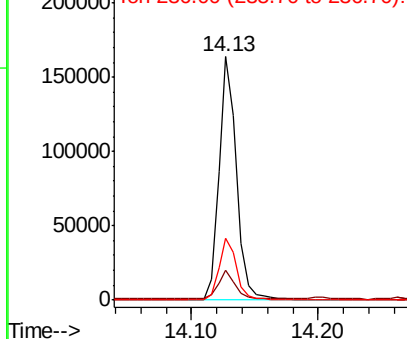


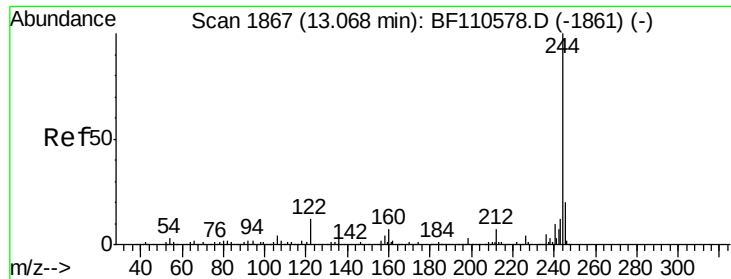
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110844.D
 Acq: 19 Nov 2018 11:17

Tgt Ion:240 Resp: 158785
 Ion Ratio Lower Upper
 240 100
 120 12.1 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: 66.757 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

Instrument :

BNA_F

ClientSampleId :

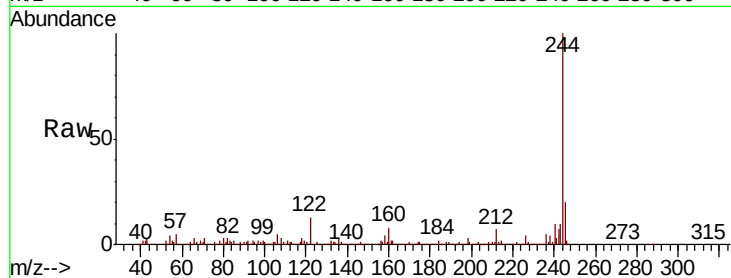
Tot Ion:244 Resp: 566012

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.1 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

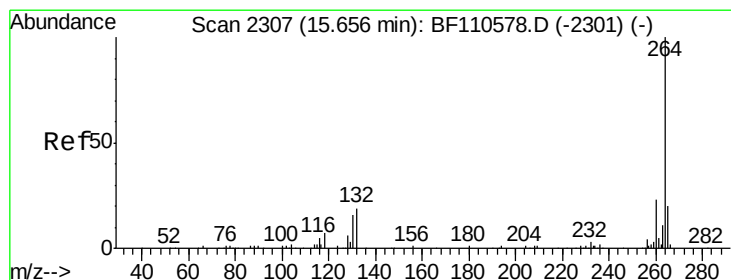
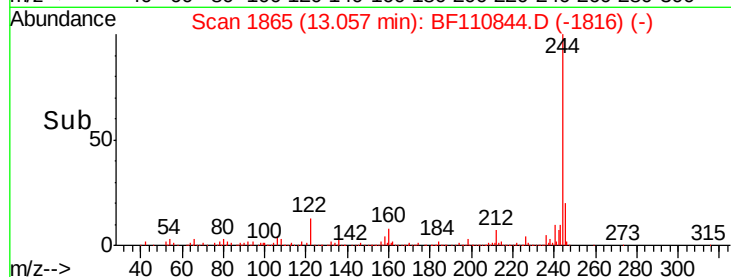
600000 13.06

400000

200000

0

Time--> 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110844.D

Acq: 19 Nov 2018 11:17

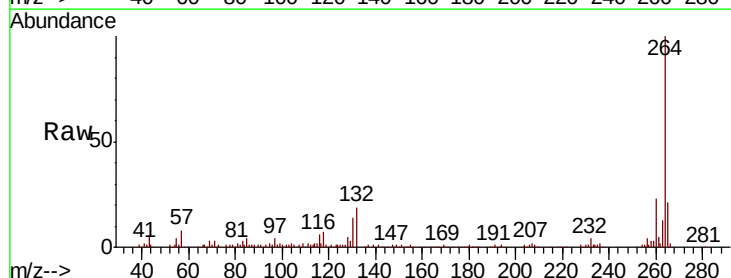
Tgt Ion:264 Resp: 156106

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

100000 15.66

50000

0

Time--> 15.60 15.70 15.80

