

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110801.D
 Acq On : 15 Nov 2018 21:07
 Operator : JU/SJ
 Sample : J5942-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:29:46 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

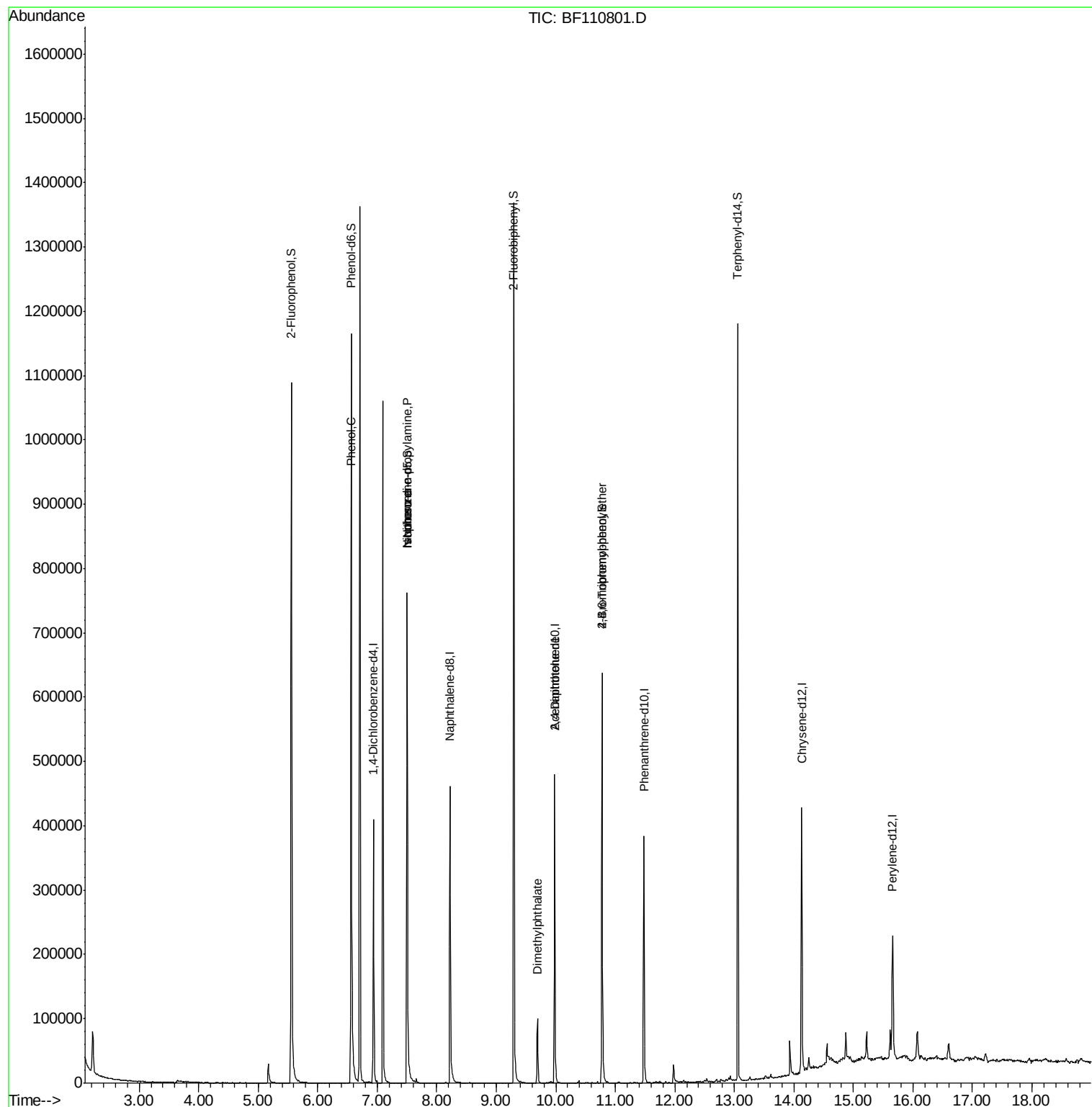
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60353	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	238027	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101164	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	163872	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146153	20.00	ng	0.00
87) Perylene-d12	15.66	264	104431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	327529	88.15	ng	0.00
7) Phenol-d6	6.56	99	413420	87.01	ng	-0.01
23) Nitrobenzene-d5	7.50	82	254631	61.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	81322	79.78	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	477174	67.36	ng	0.00
79) Terphenyl-d14	13.06	244	388472	49.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	721	Below Cal	Qvalue	# 1
10) Phenol	6.57	94	20413	3.705 ng		85
19) n-Nitroso-di-n-propylamine	7.50	70	32991	10.878 ng	#	79
25) Isophorone	7.50	82	254630	37.588 ng	#	67
50) Dimethylphthalate	9.69	163	46785	6.198 ng		100
57) 2,4-Dinitrotoluene	9.98	165	12244	5.671 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	4772	2.635 ng	#	1

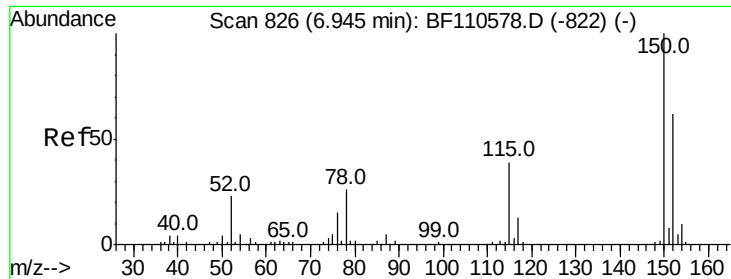
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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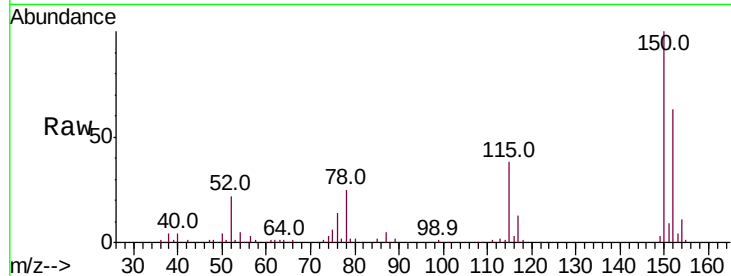


#1

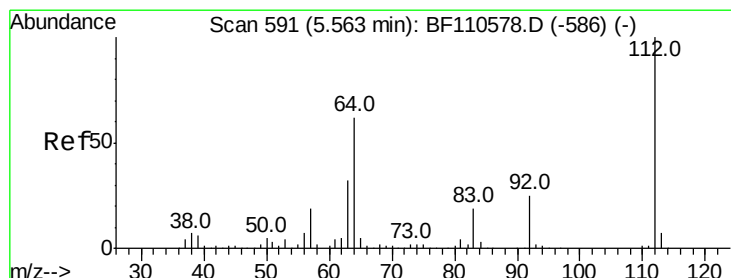
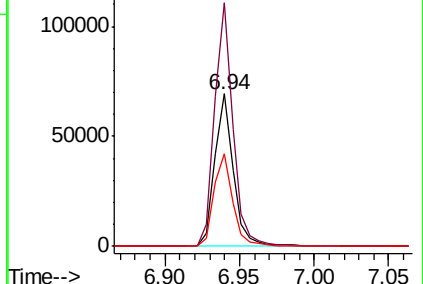
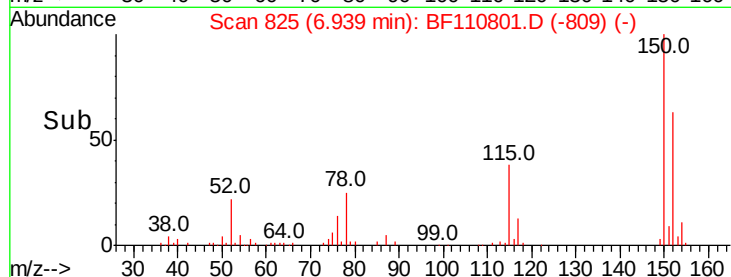
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	60.5	49.1	73.7



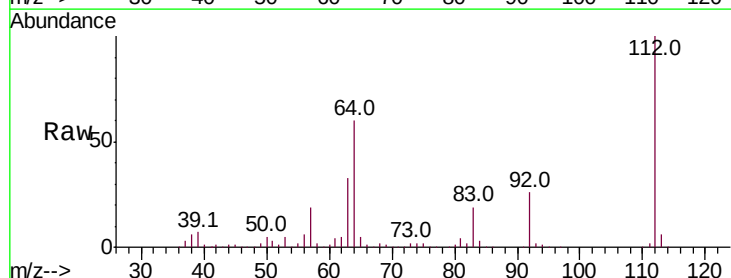
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



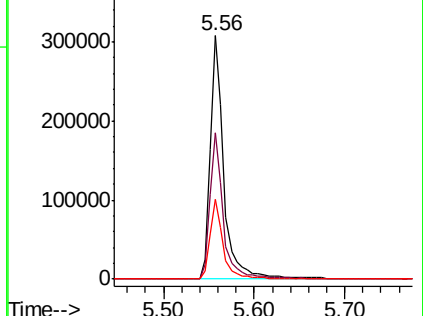
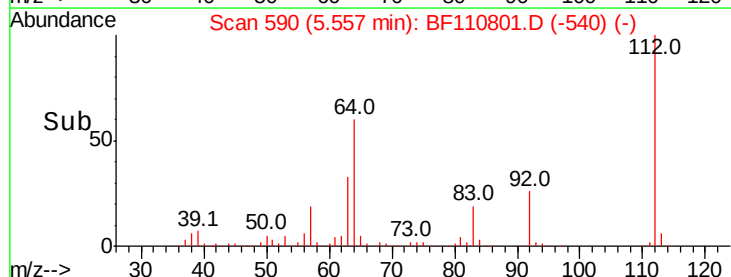
#5

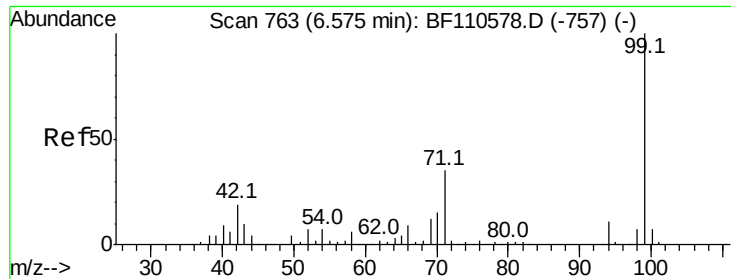
2-Fluorophenol
Concen: 88.150 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	32.5	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: 87.011 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110801.D

Acq: 15 Nov 2018 21:07

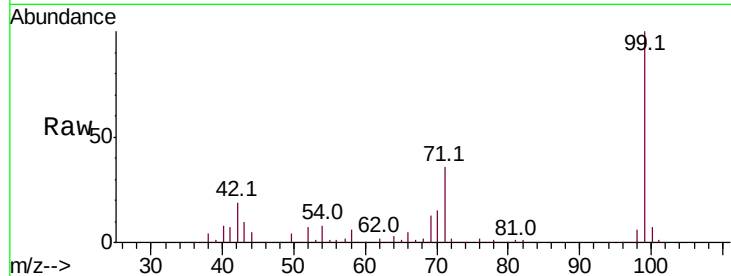
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 413420

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.2	28.0	42.0

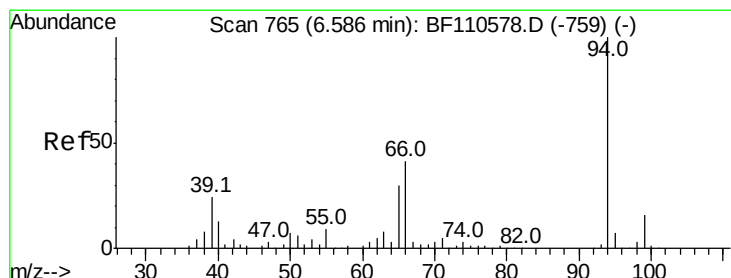
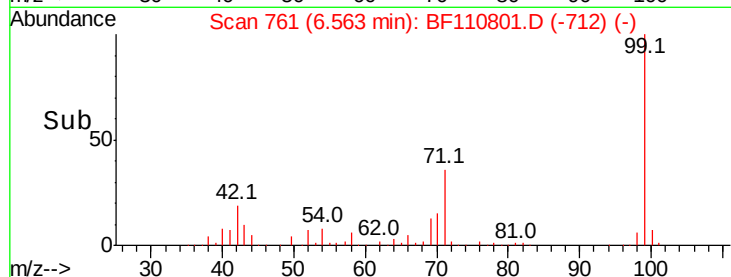
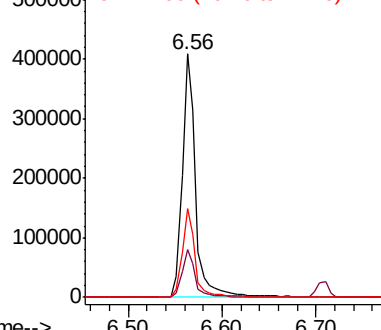


Abundance

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: 3.705 ng

RT: 6.57 min Scan# 763

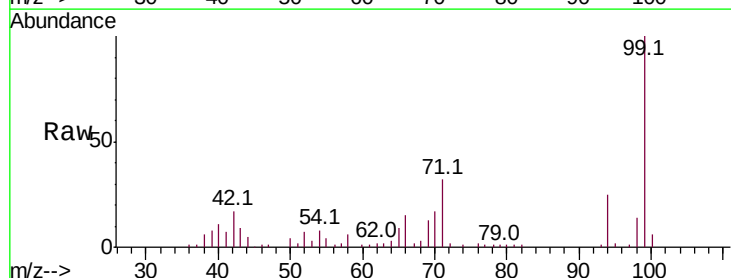
Delta R.T. -0.01 min

Lab File: BF110801.D

Acq: 15 Nov 2018 21:07

Tgt Ion: 94 Resp: 20413

Ion	Ratio	Lower	Upper
94	100		
65	36.3	25.3	65.3
66	61.1	54.5	94.5

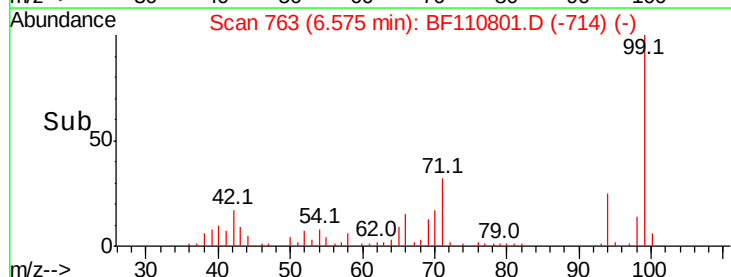
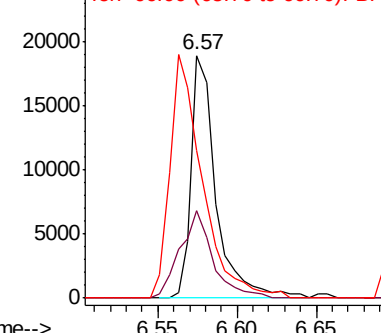


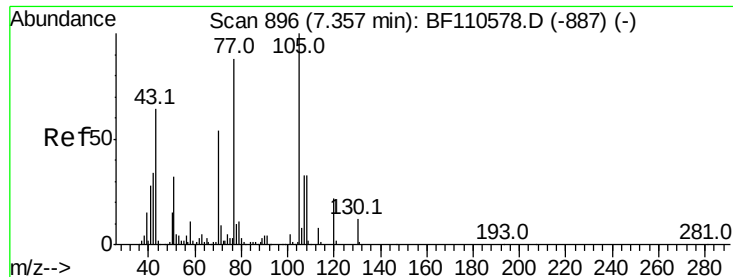
Abundance

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

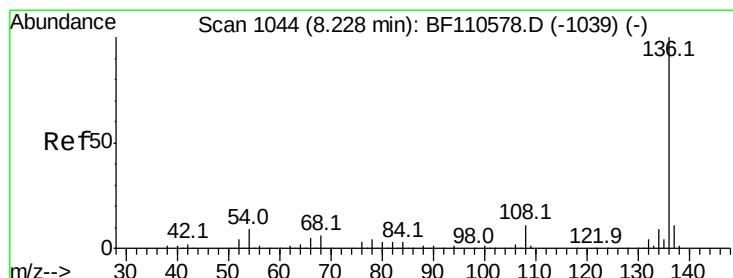
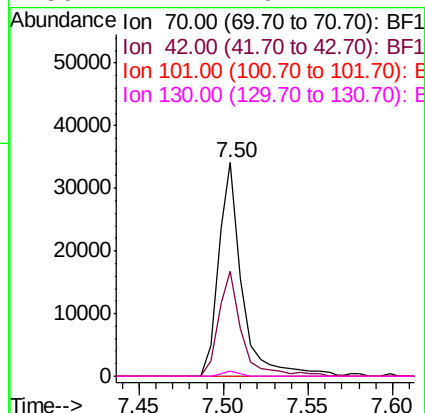
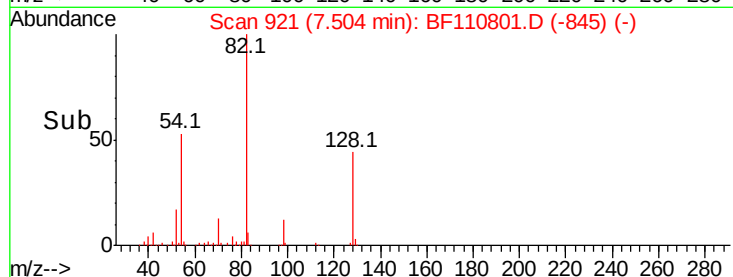
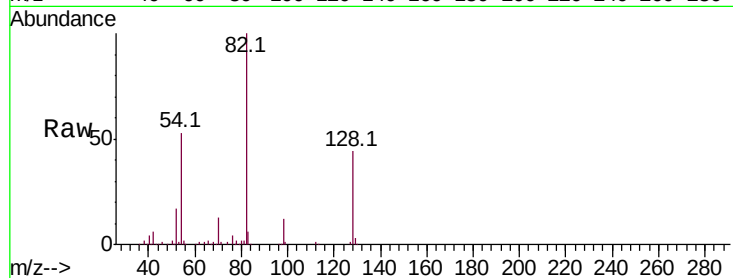




#19
n-Nitroso-di-n-propylamine
Concen: 10.878 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

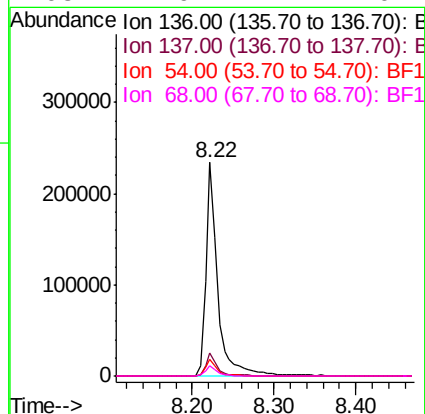
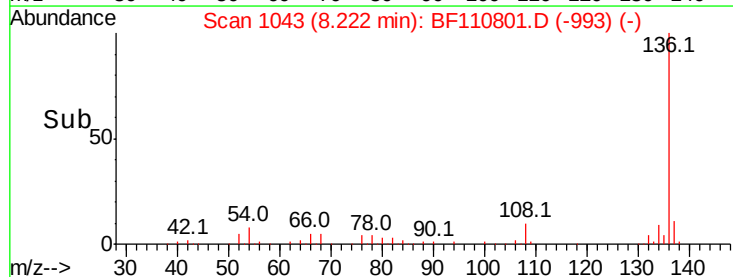
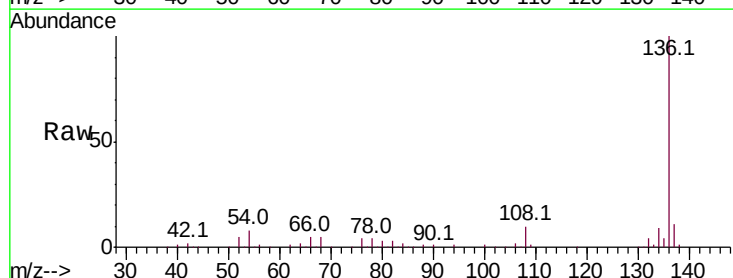
Instrument :
BNA_F
ClientSampleId :

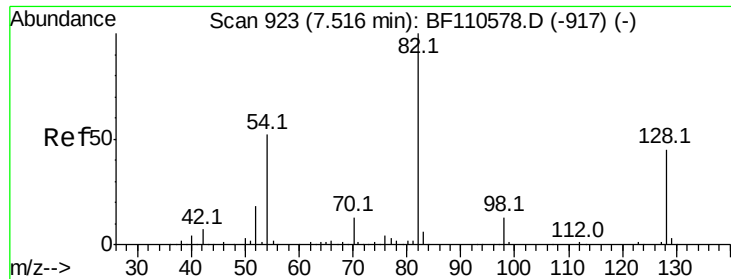
Tot Ion: 70 Resp: 32991
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion: 136 Resp: 238027
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.4 8.2
68 4.9 4.2 6.2

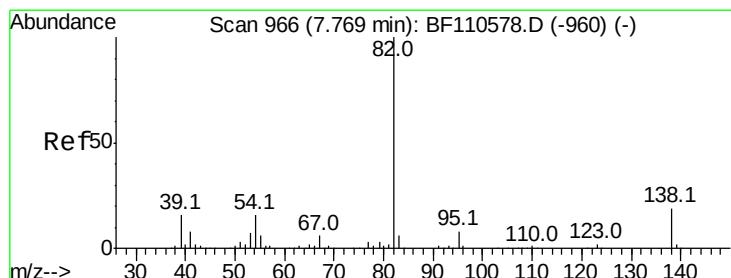
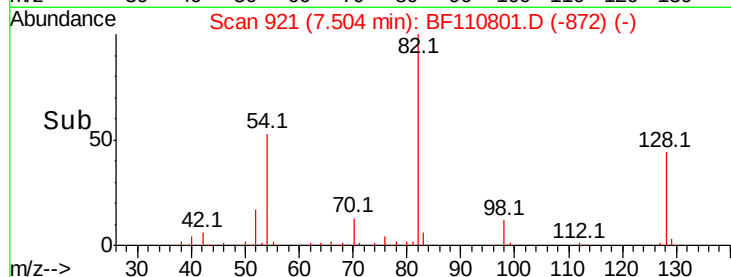
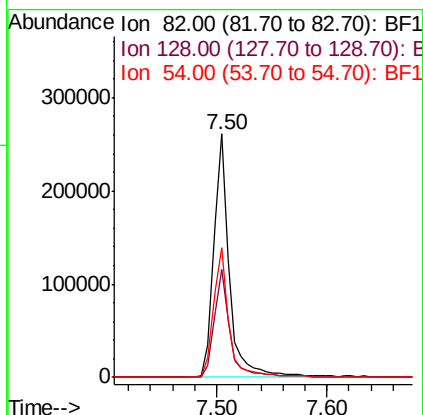
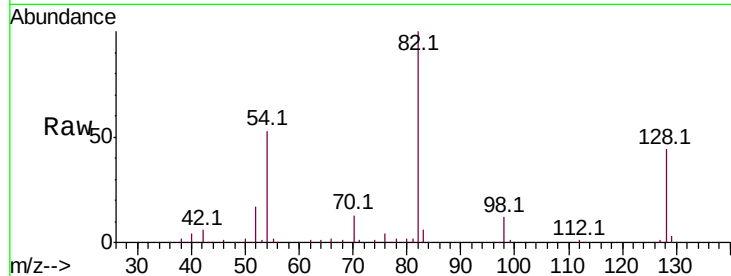




#23
Nitrobenzene-d5
Concen: 61.607 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

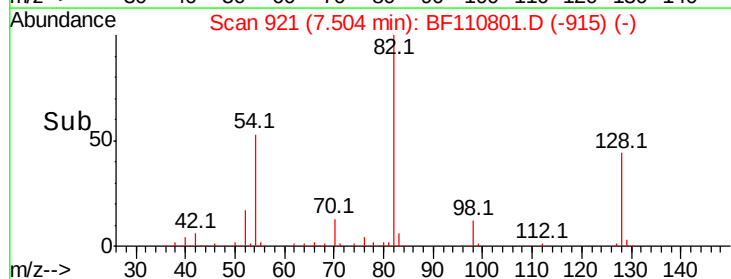
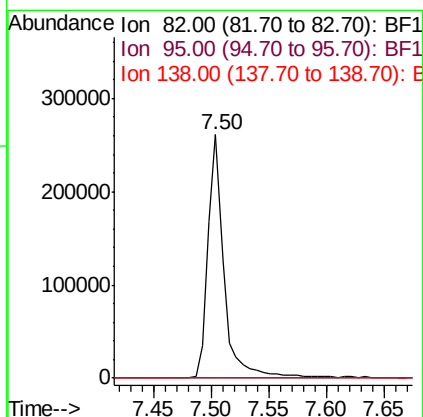
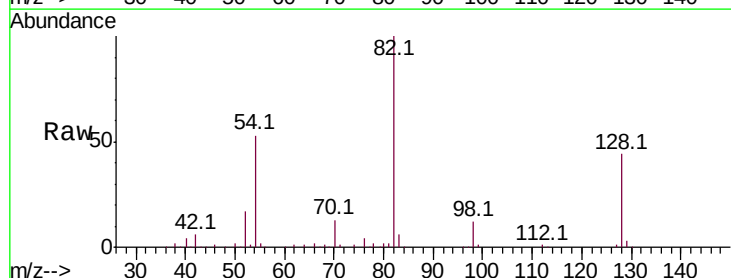
Instrument :
BNA_F
ClientSampled :

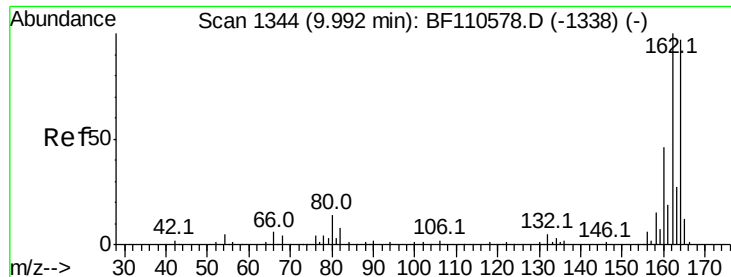
Tot Ion: 82 Resp: 254631
Ion Ratio Lower Upper
82 100
128 44.4 34.2 51.2
54 53.1 38.6 58.0



#25
Isophorone
Concen: 37.588 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion: 82 Resp: 254630
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

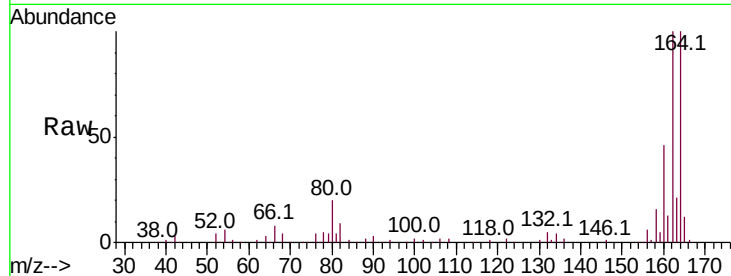




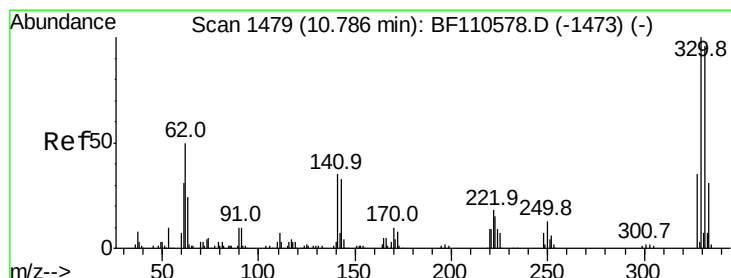
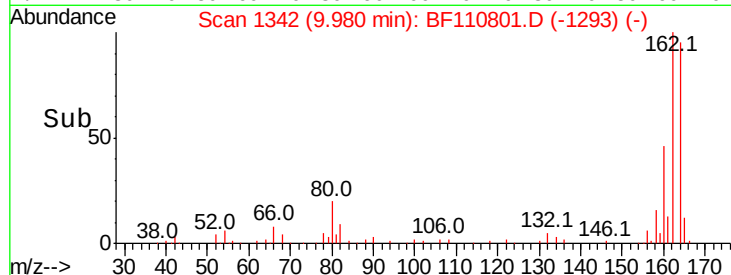
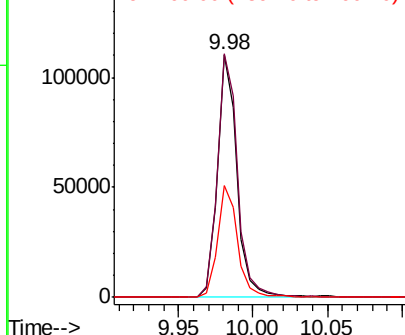
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.0	124.6
160	45.8	37.0	55.6

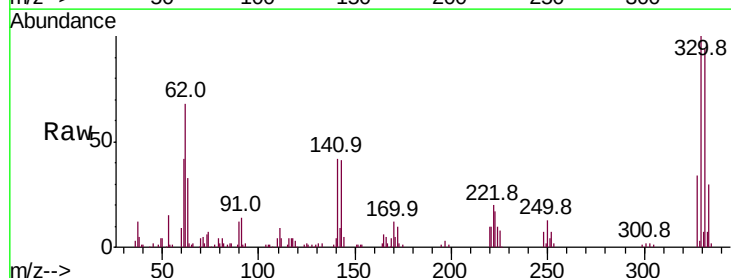


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

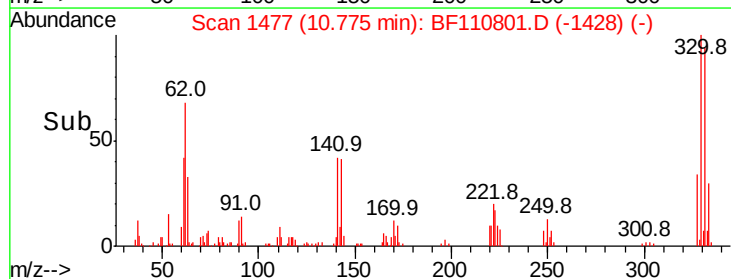
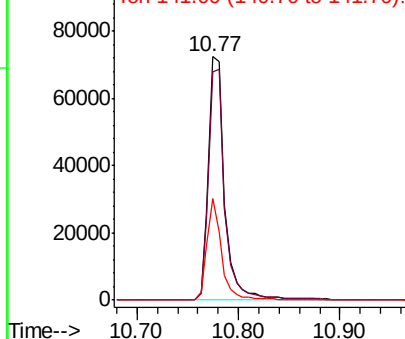


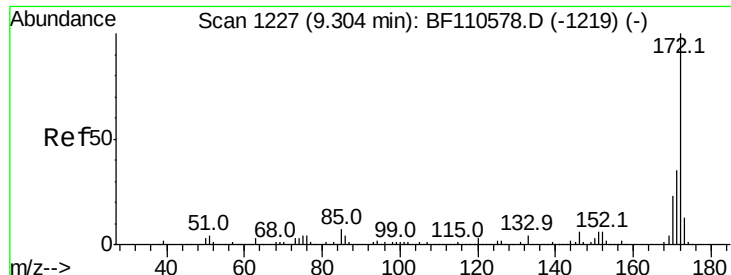
#42
2,4,6-Tribromophenol
Concen: 79.778 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	37.3	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

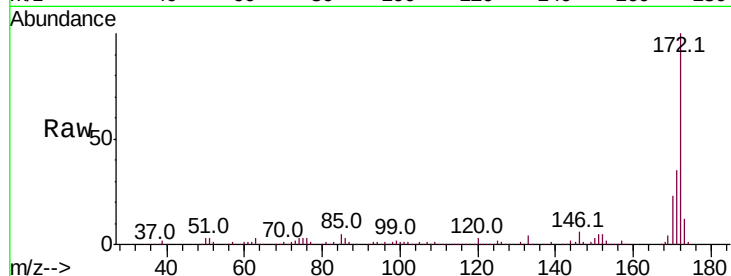




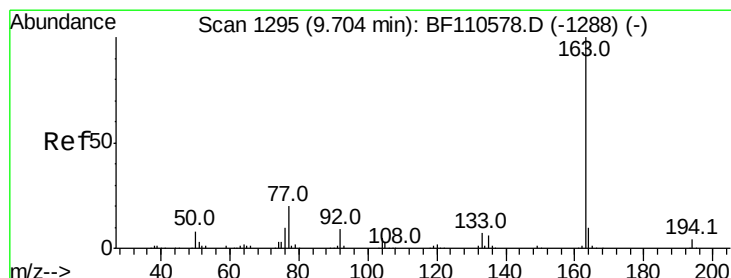
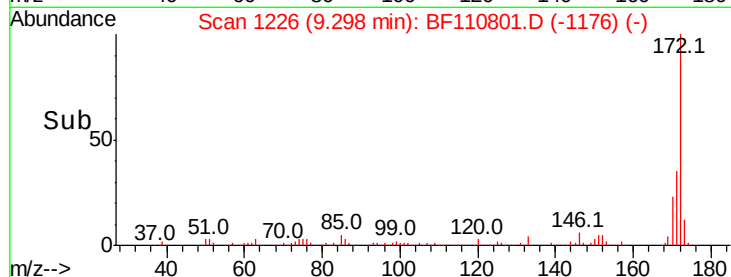
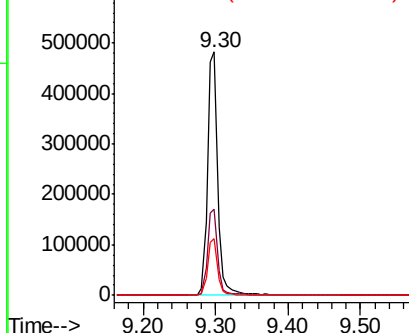
#45
2-Fluorobiphenyl
Concen: 67.365 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 477174
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.5 19.7 29.5

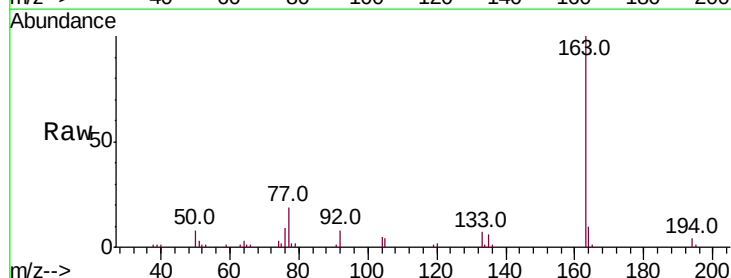


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

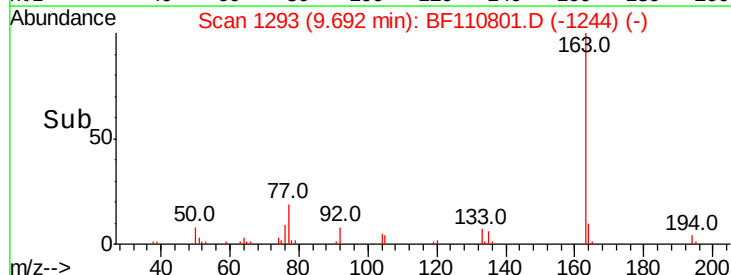
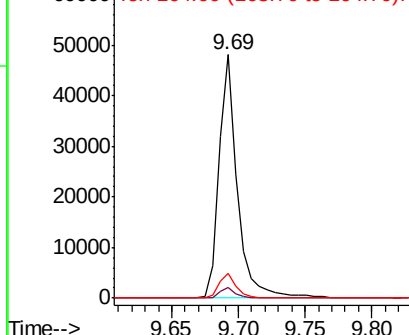


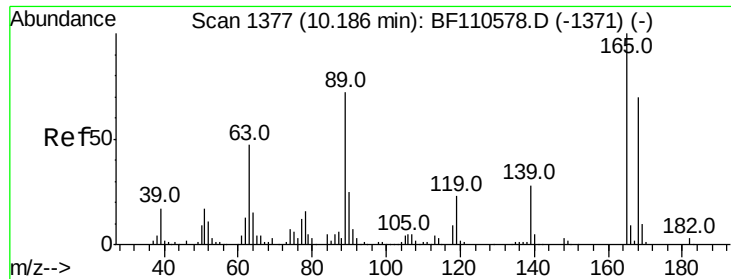
#50
Dimethylphthalate
Concen: 6.198 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110801.D
Acq: 15 Nov 2018 21:07

Tgt Ion:163 Resp: 46785
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.0 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

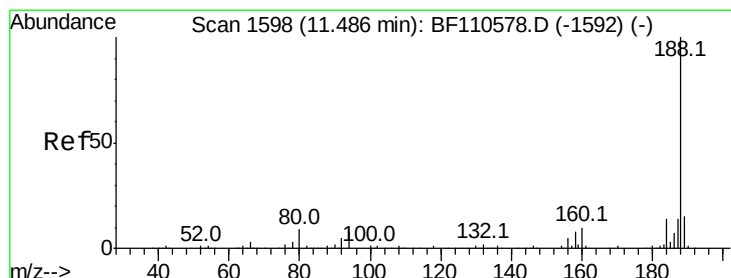
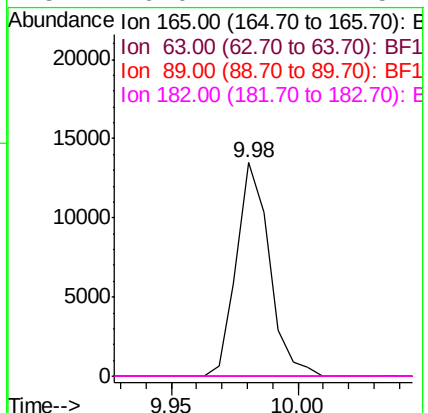
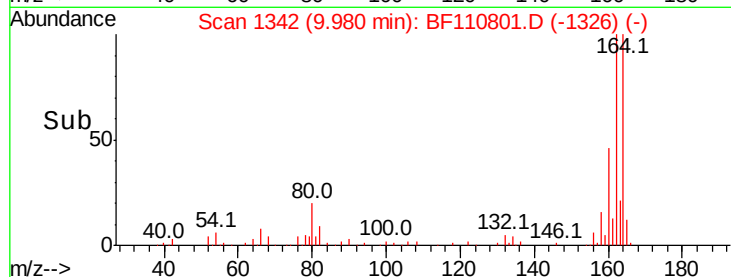
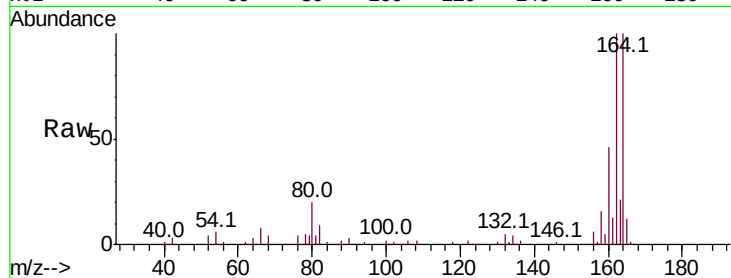




#57
 2,4-Dinitrotoluene
 Concen: 5.671 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110801.D
 Acq: 15 Nov 2018 21:07

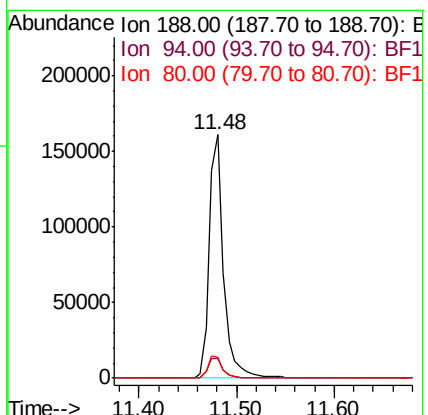
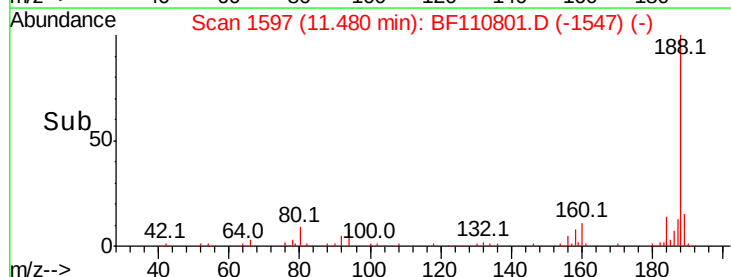
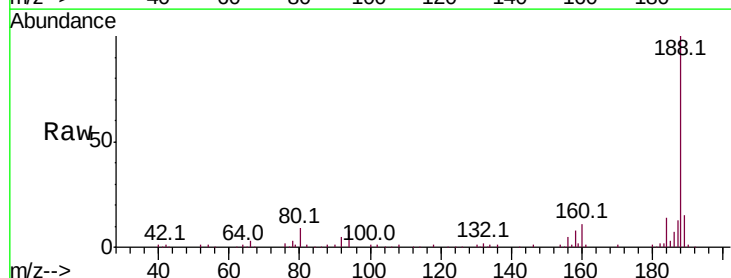
Instrument :
 BNA_F
 ClientSampleId :

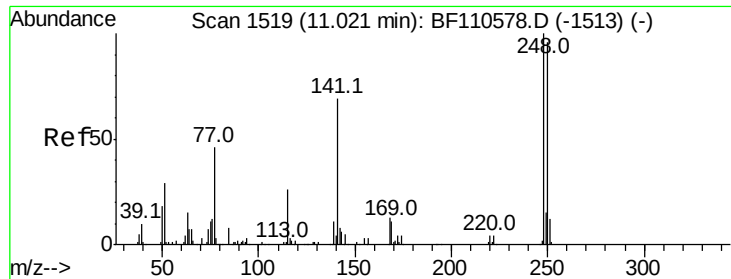
Tot Ion:165	Resp:	12244
Ion Ratio	Lower	Upper
165 100		
63 0.0	44.8	67.2#
89 0.0	62.2	93.4#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110801.D
 Acq: 15 Nov 2018 21:07

Tgt Ion:188	Resp:	163872
Ion Ratio	Lower	Upper
188 100		
94 8.2	7.2	10.8
80 8.7	7.9	11.9

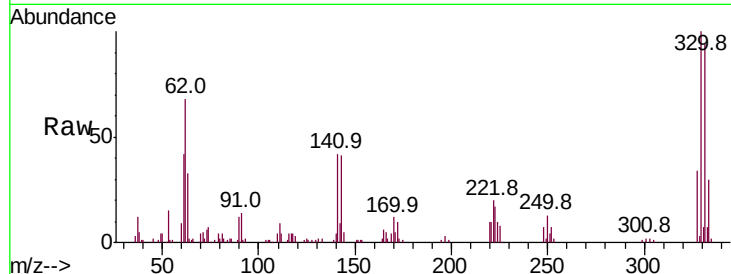




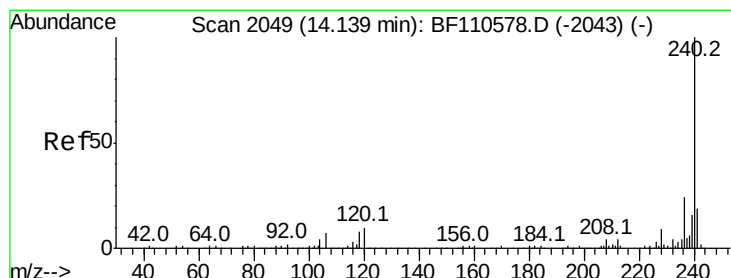
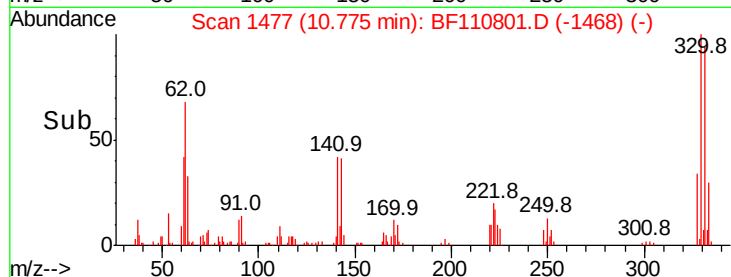
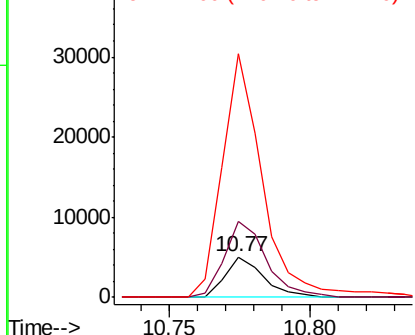
#67
 4-Bromophenyl-phenylether
 Concen: 2.635 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110801.D
 Acq: 15 Nov 2018 21:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 4772
 Ion Ratio Lower Upper
 248 100
 250 189.4 79.4 119.2#
 141 602.7 55.9 83.9#

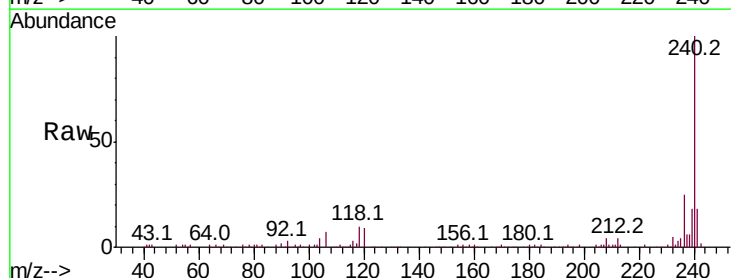


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

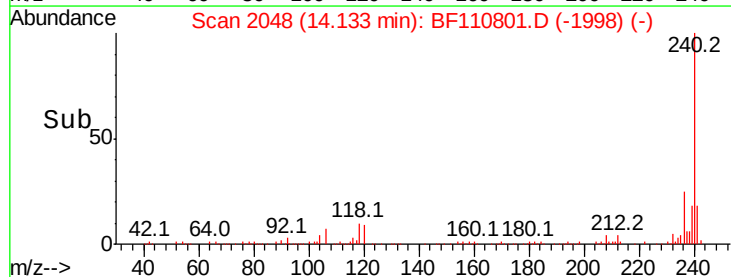
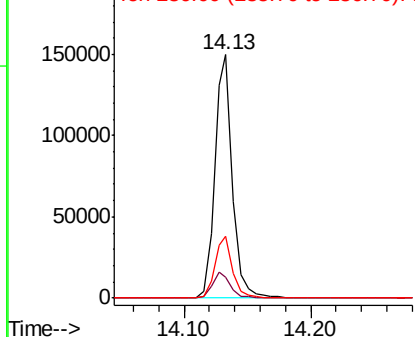


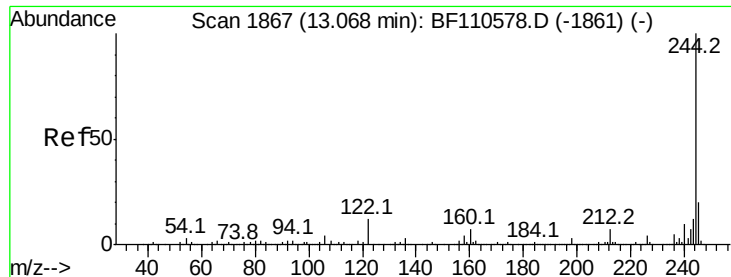
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110801.D
 Acq: 15 Nov 2018 21:07

Tgt Ion:240 Resp: 146153
 Ion Ratio Lower Upper
 240 100
 120 8.8 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: 49.778 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110801.D

Acq: 15 Nov 2018 21:07

Instrument :

BNA_F

ClientSampled :

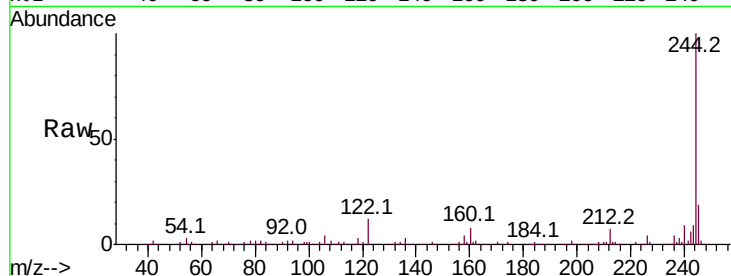
Tot Ion:244 Resp: 388472

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

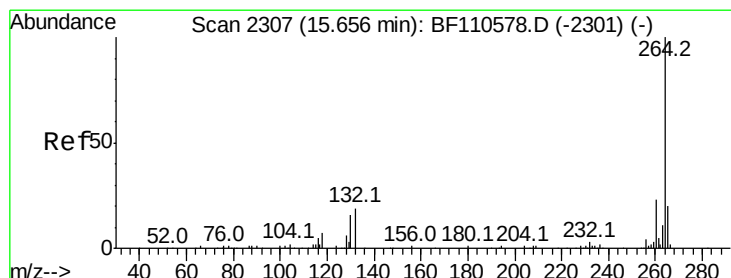
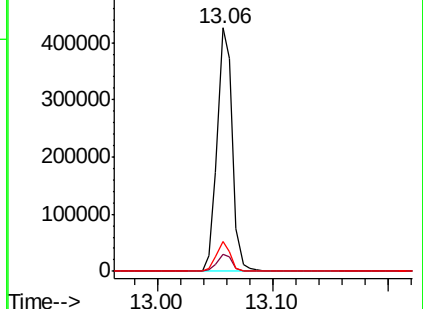
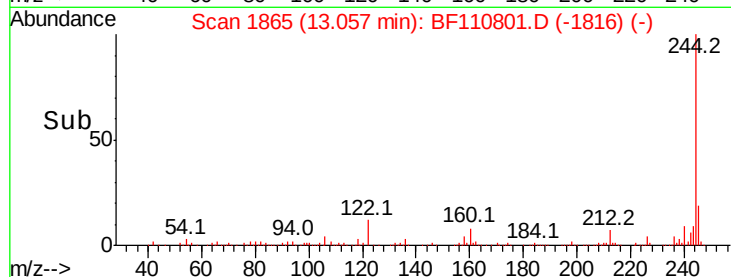
122 12.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110801.D

Acq: 15 Nov 2018 21:07

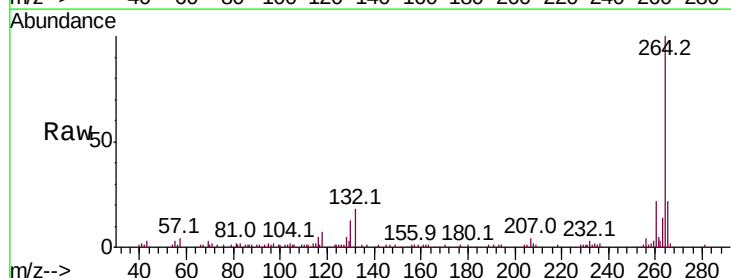
Tgt Ion:264 Resp: 104431

Ion Ratio Lower Upper

264 100

260 22.1 18.7 28.1

265 21.8 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

