

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110888.D
 Acq On : 20 Nov 2018 12:26
 Operator : JU/SJ
 Sample : PB114904BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 13:19:47 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

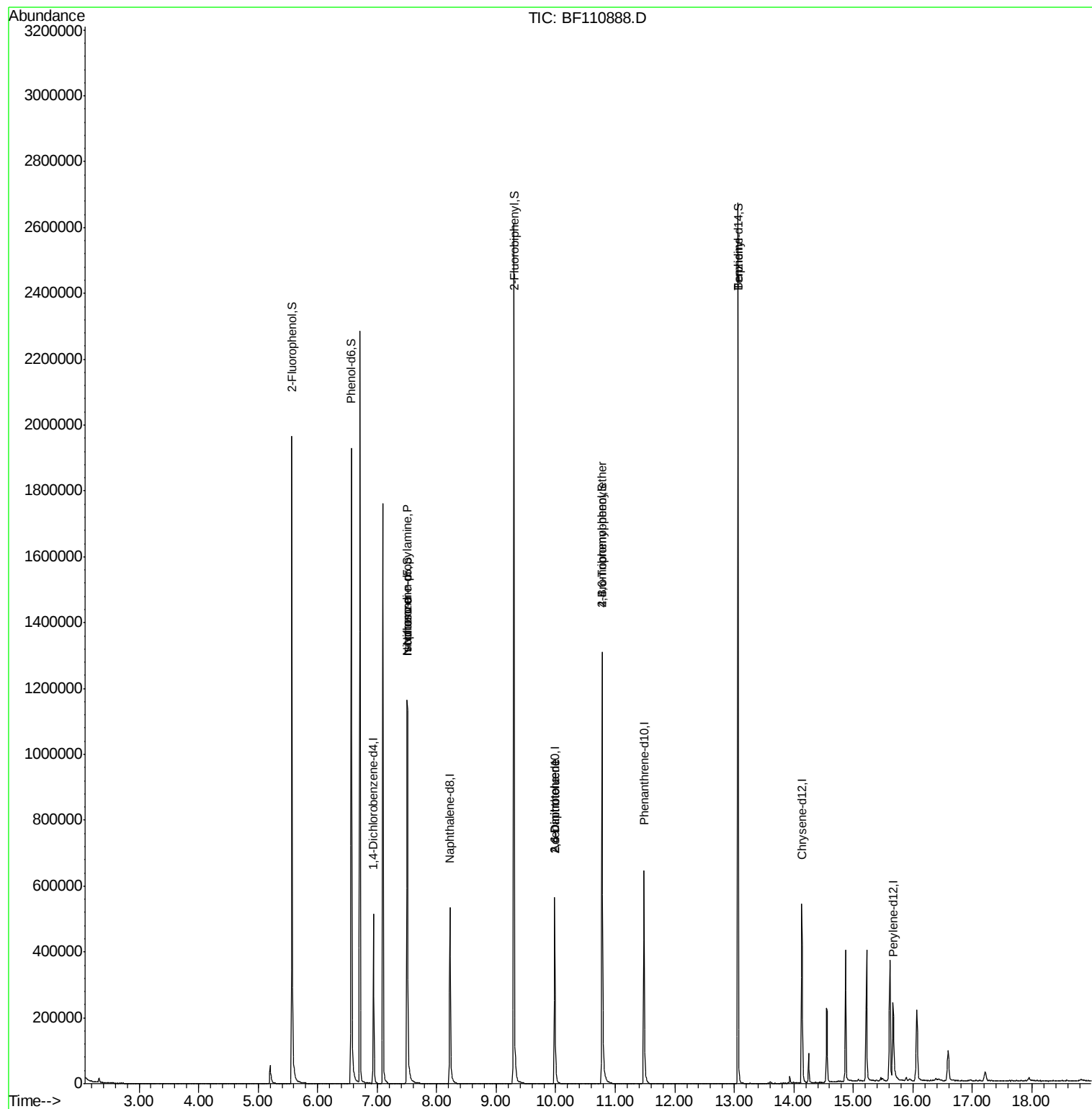
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	75098	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	311412	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	152730	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	298999	20.00	ng	0.00
76) Chrysene-d12	14.13	240	227457	20.00	ng	0.00
87) Perylene-d12	15.67	264	162346	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	579685	125.38	ng	0.00
7) Phenol-d6	6.57	99	727364	123.03	ng	0.00
23) Nitrobenzene-d5	7.50	82	469110	86.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	196124	127.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	894658	83.66	ng	0.00
79) Terphenyl-d14	13.06	244	932584	76.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	991	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.50	70	61688	16.346 ng	#	81
25) Isophorone	7.50	82	469108	52.930 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	18654	7.441 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	18654	5.723 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	12243	3.705 ng	#	1
77) Benizidine	13.06	184	12690	2.029 ng	#	94

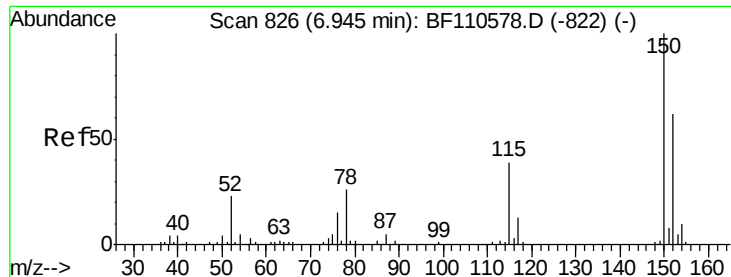
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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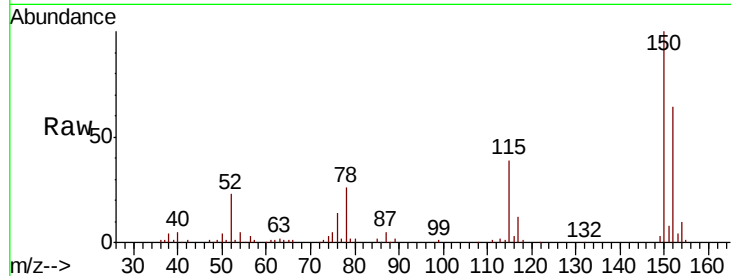




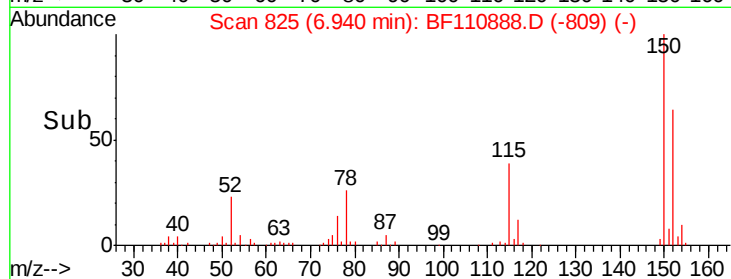
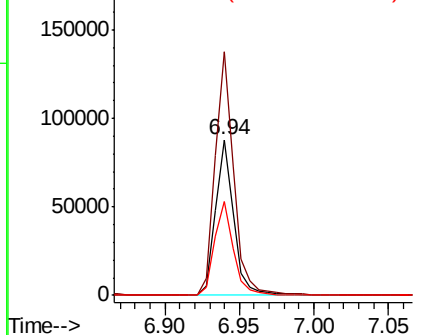
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 75098
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 60.5 49.1 73.7

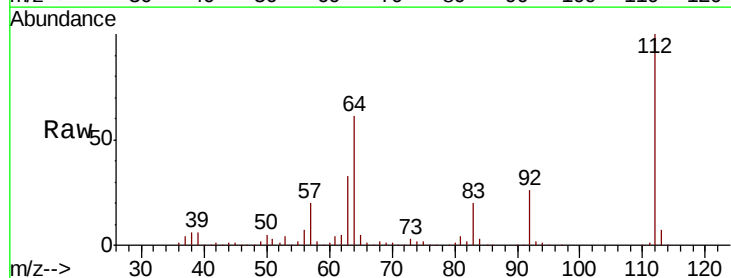


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

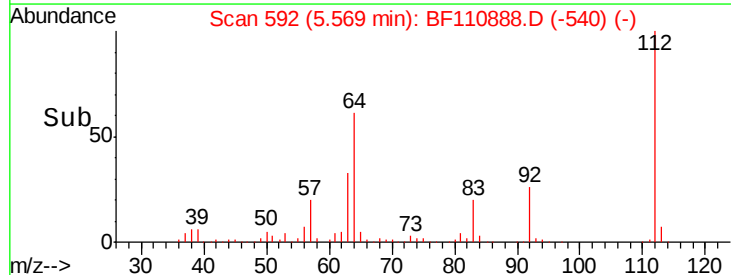
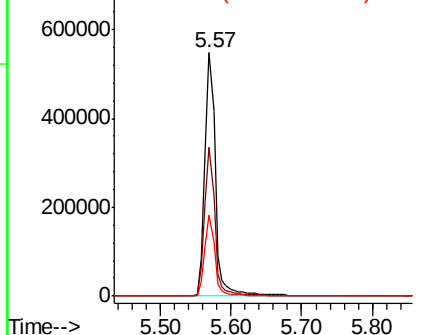


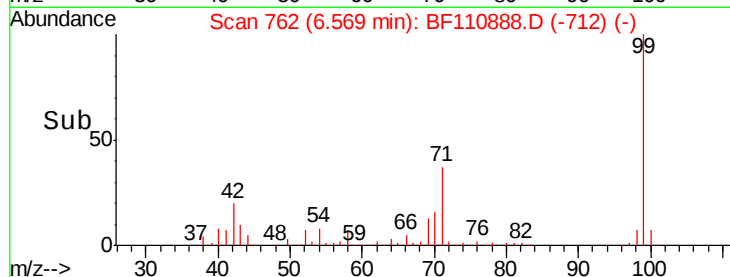
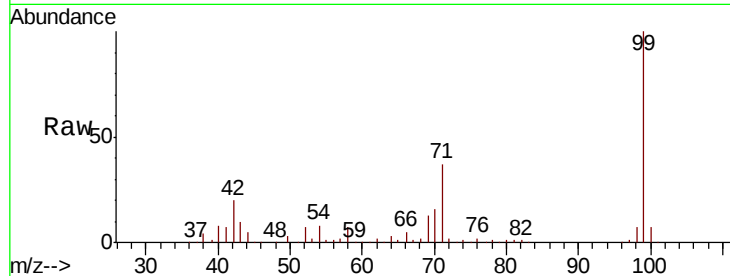
#5
 2-Fluorophenol
 Concen: 125.382 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Tgt Ion:112 Resp: 579685
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.1 66.1
 63 33.2 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: 123.028 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

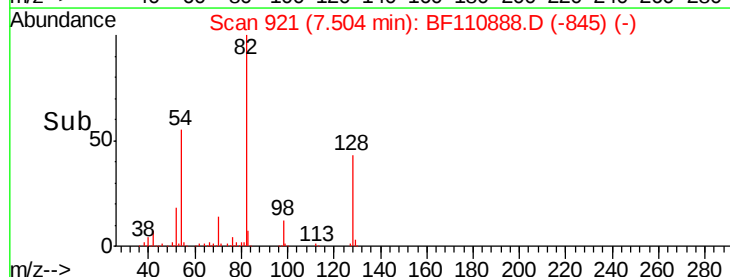
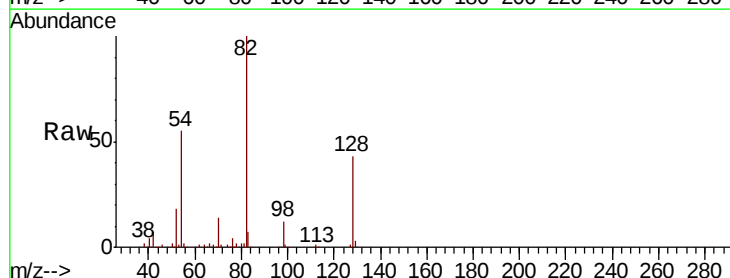
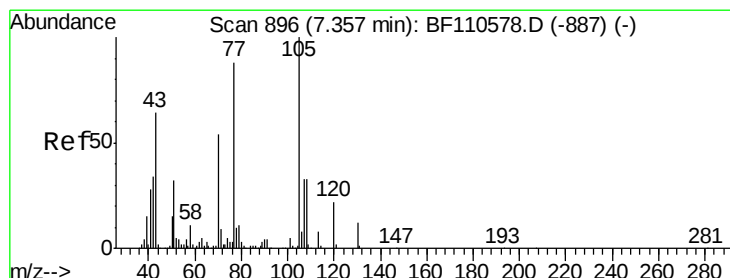
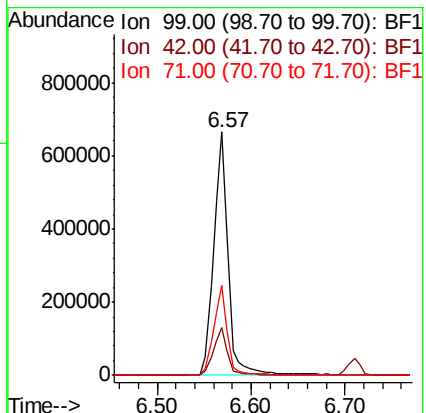
Tot Ion: 99 Resp: 727364

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

71 37.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.346 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Tgt Ion: 70 Resp: 61688

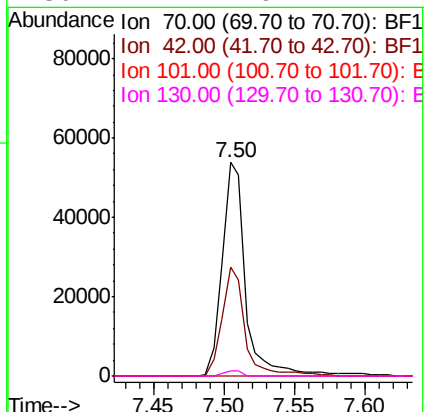
Ion Ratio Lower Upper

70 100

42 50.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

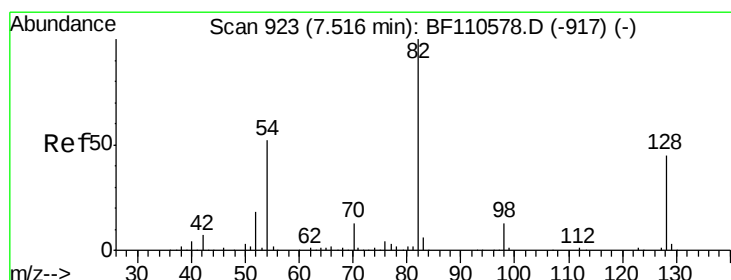
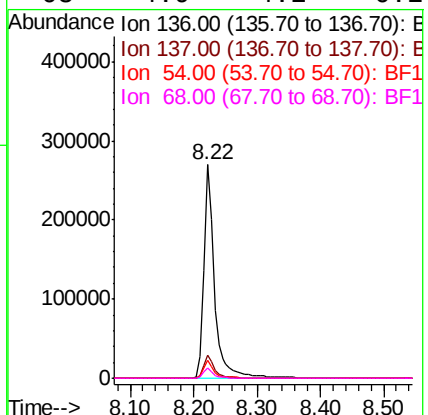
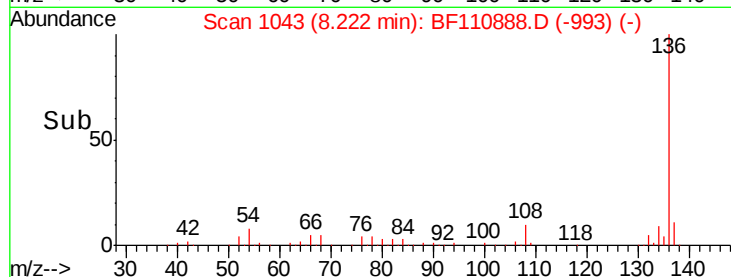
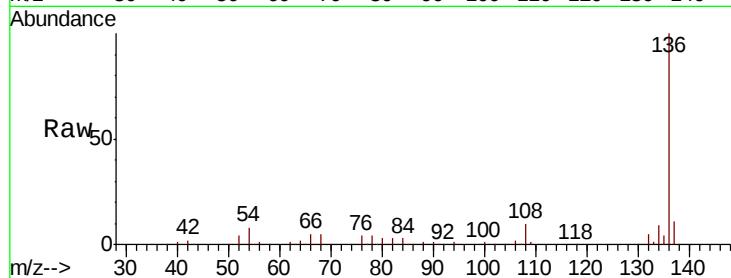




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

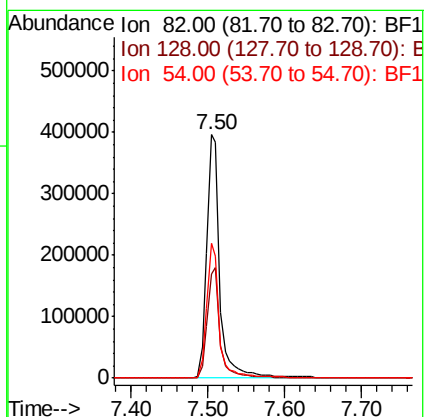
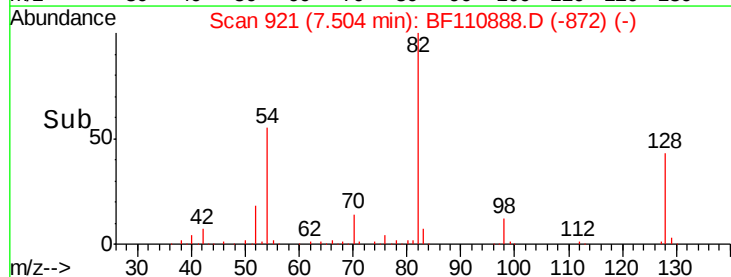
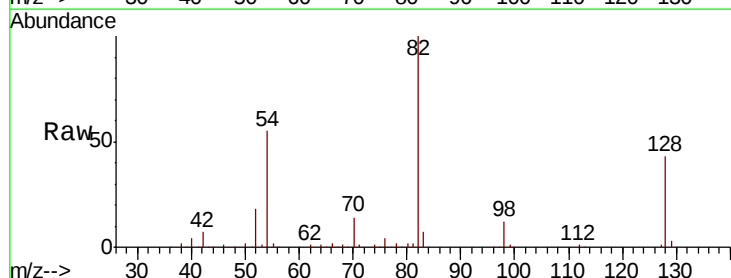
Instrument :
BNA_F
ClientSampleId :

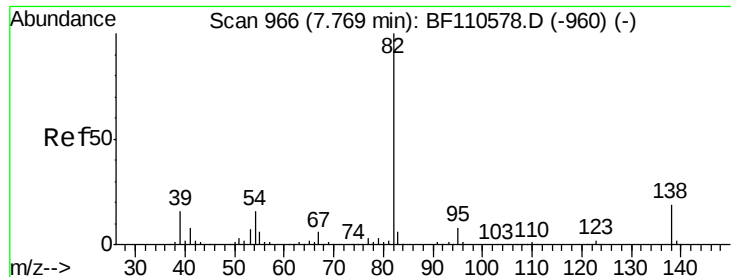
Tot Ion:136	Resp:	311412
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.2	5.4 8.2#
68	4.9	4.2 6.2



#23
Nitrobenzene-d5
Concen: 86.753 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

Tgt Ion: 82	Resp:	469110
Ion Ratio	Lower	Upper
82	100	
128	42.5	34.2 51.2
54	55.2	38.6 58.0





#25

Isophorone

Concen: 52.930 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

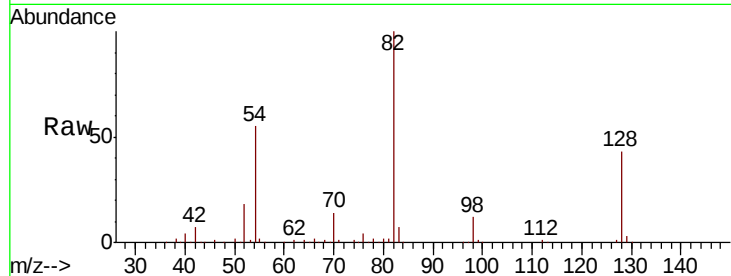
Tot Ion: 82 Resp: 469108

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

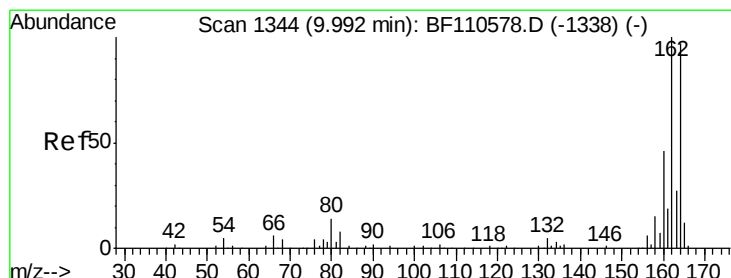
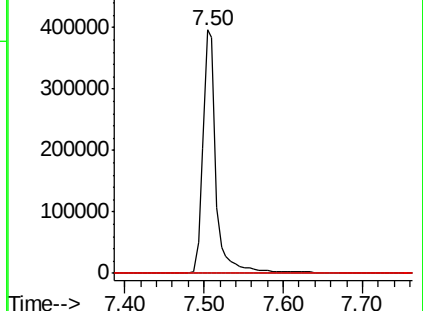
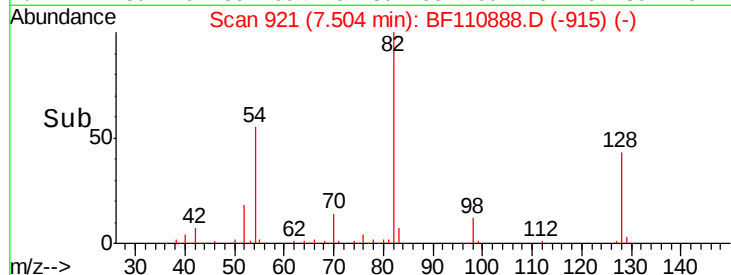
138 0.0 13.2 19.8#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

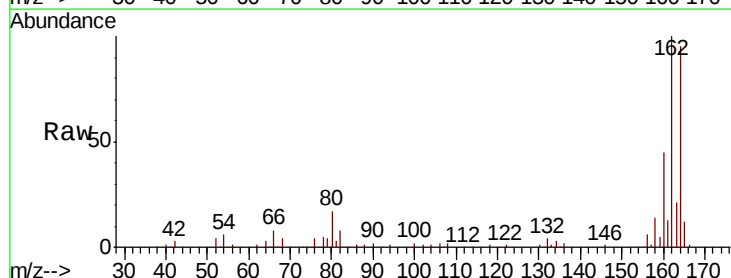
Tgt Ion: 164 Resp: 152730

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.6

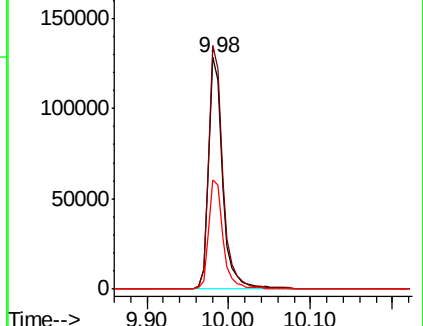
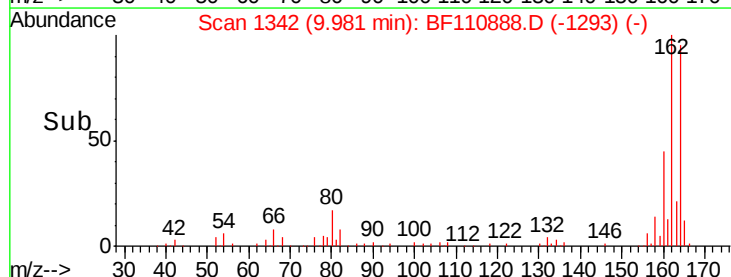
160 47.0 37.0 55.6

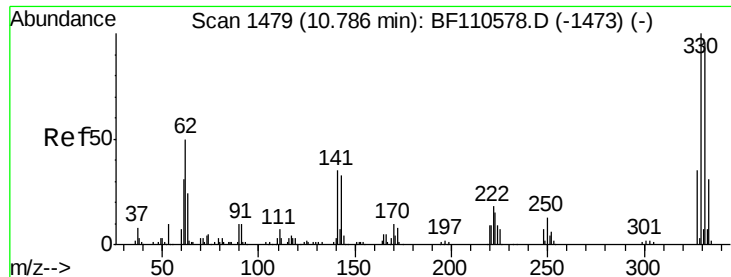


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

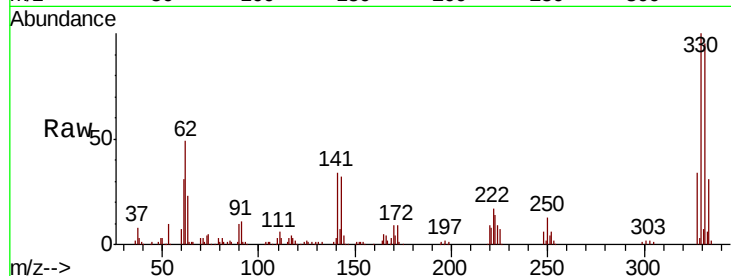




#42
 2,4,6-Tribromophenol
 Concen: 127.441 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.1	115.7
141	37.1	27.0	40.4

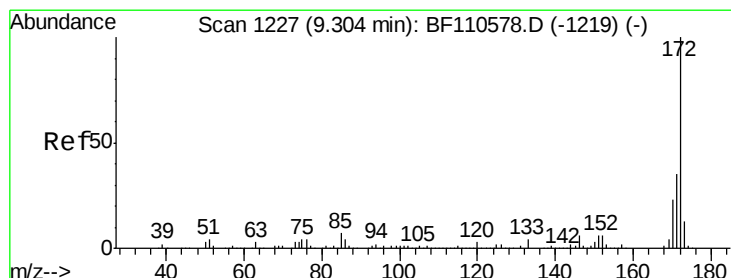
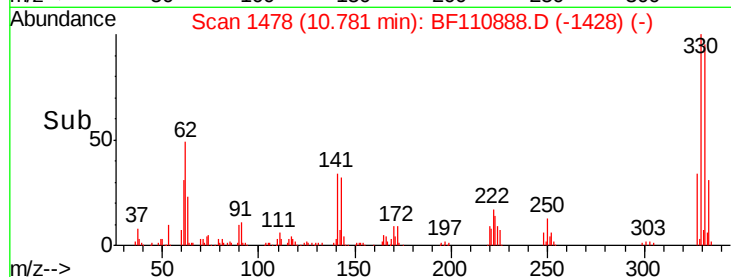
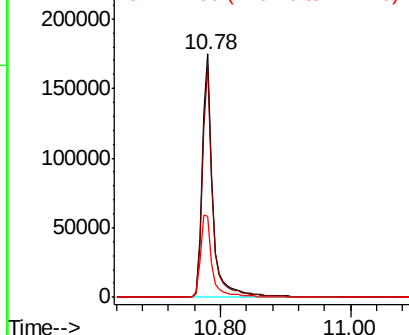


Abundance

Ion 329.80 (329.50 to 330.50): E

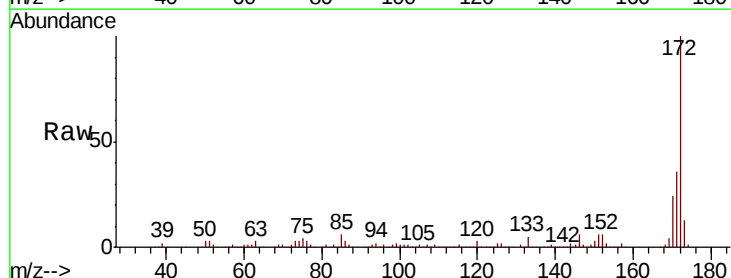
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.660 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.7	29.5

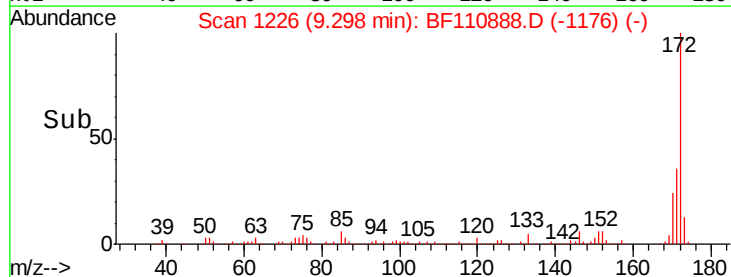
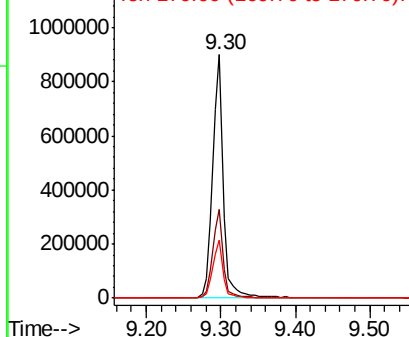


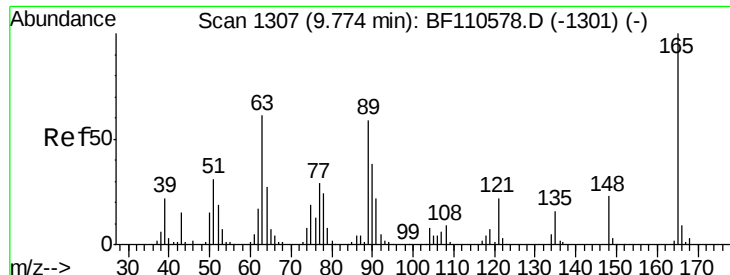
Abundance

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

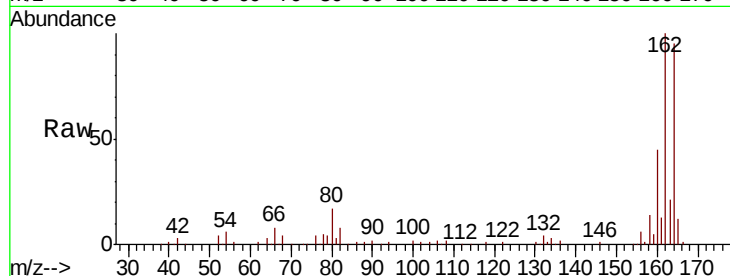




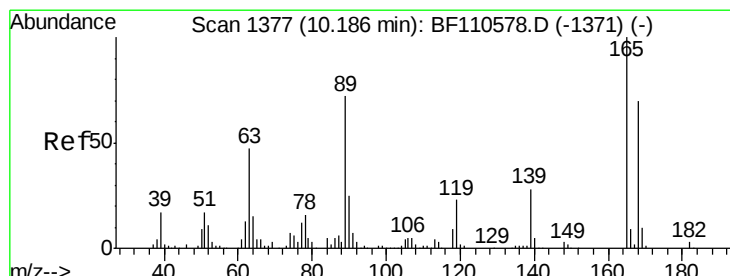
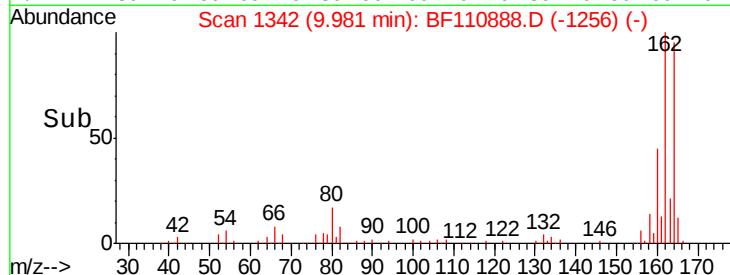
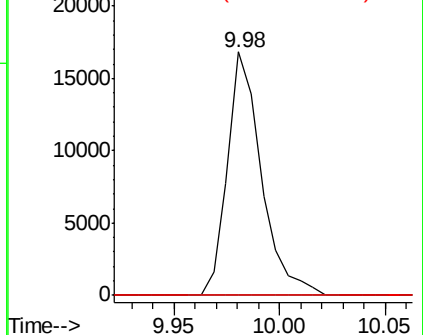
#51
 2,6-Dinitrotoluene
 Concen: 7.441 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



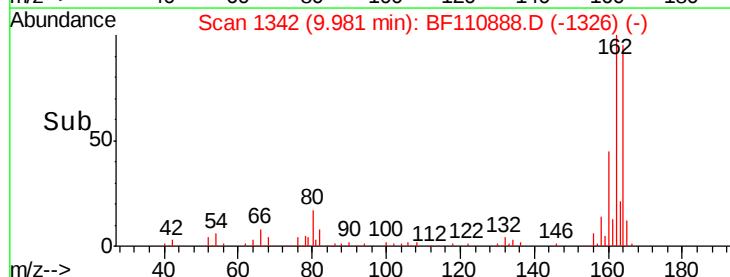
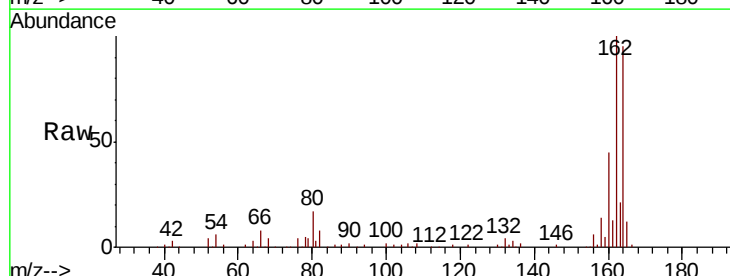
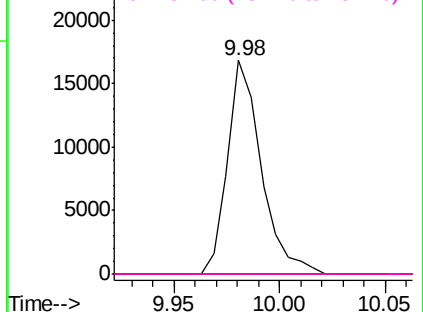
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

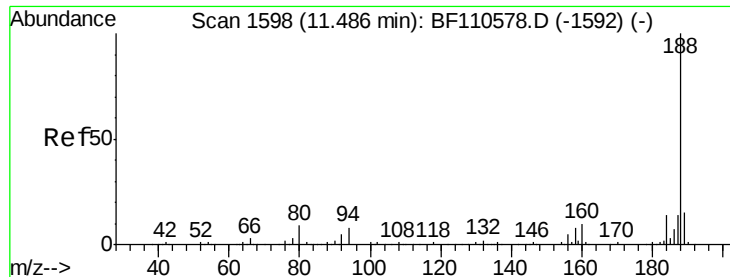


#57
 2,4-Dinitrotoluene
 Concen: 5.723 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

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

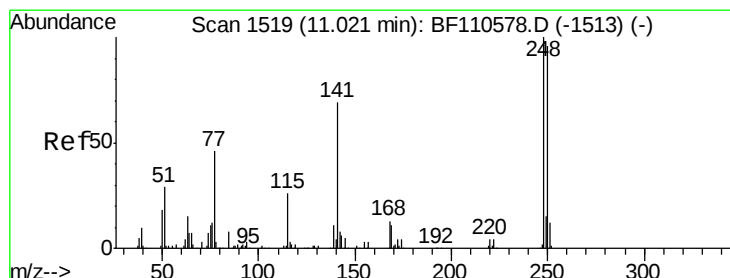
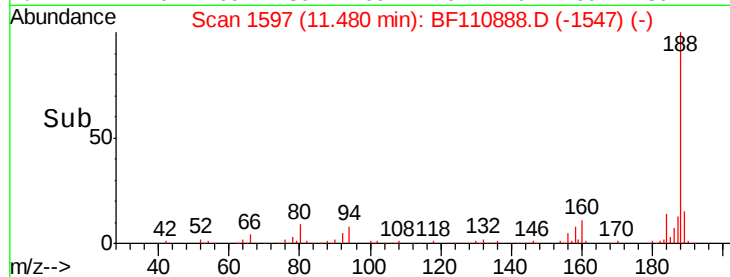
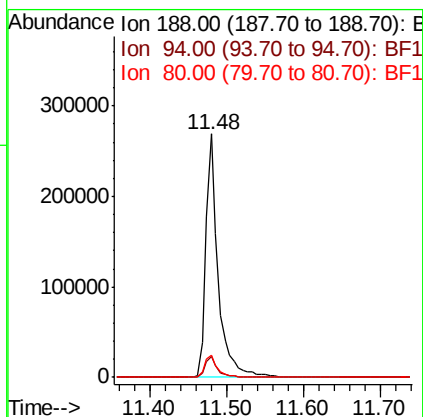
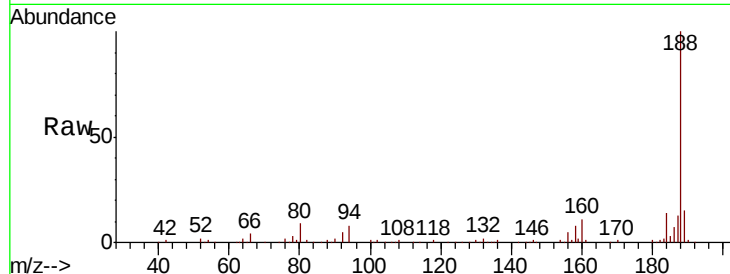




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

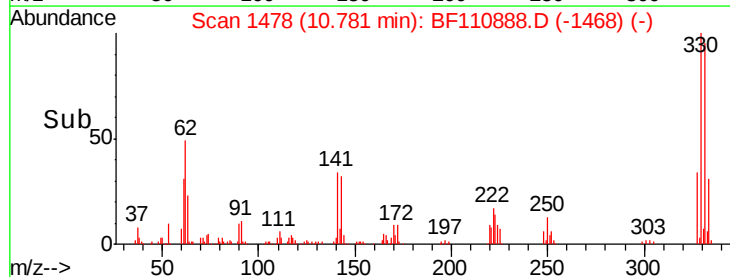
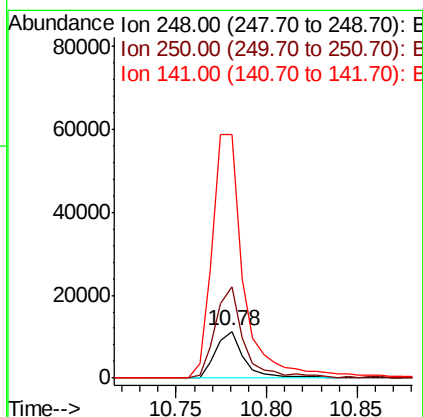
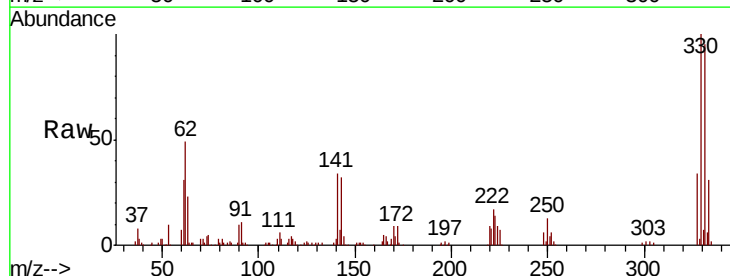
Instrument :
 BNA_F
 ClientSampleId :

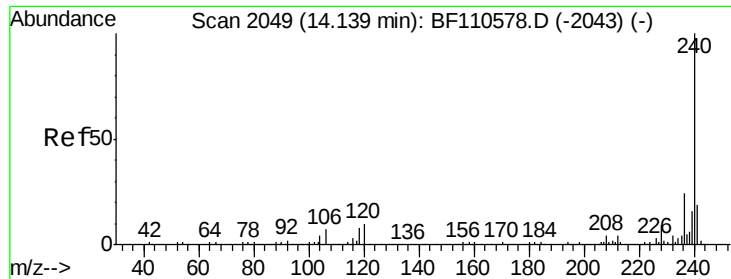
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.705 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110888.D
 Acq: 20 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.3	79.4	119.2#
141	523.1	55.9	83.9#

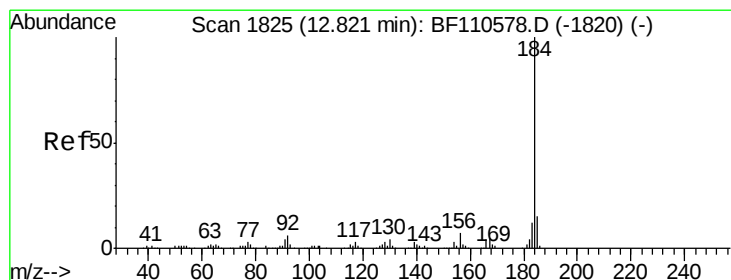
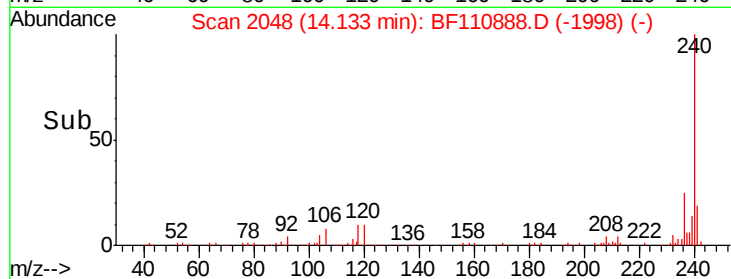
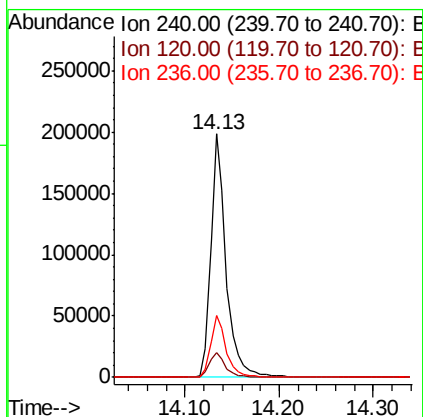
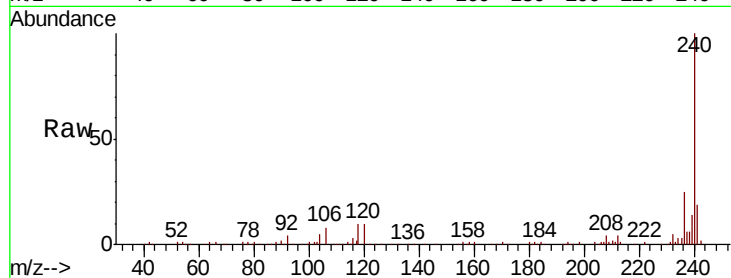




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

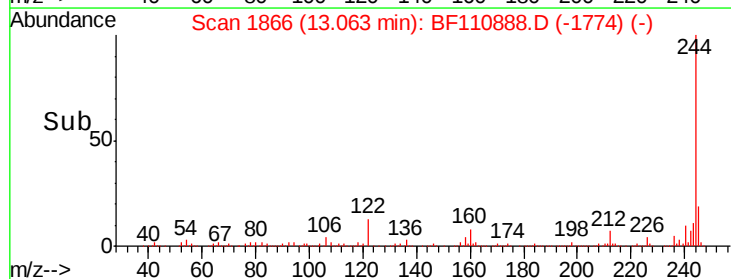
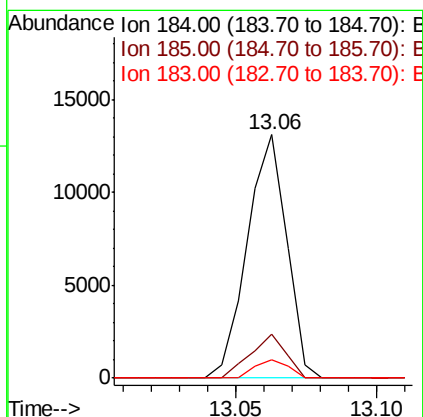
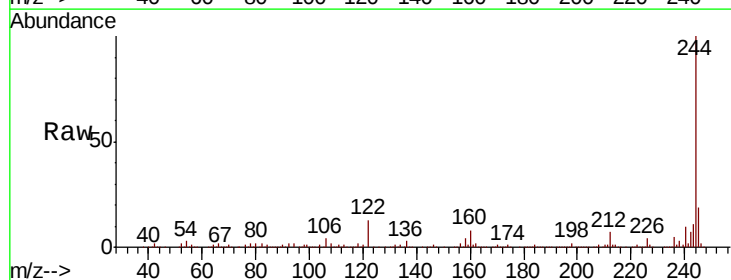
Instrument :
BNA_F
ClientSampled :

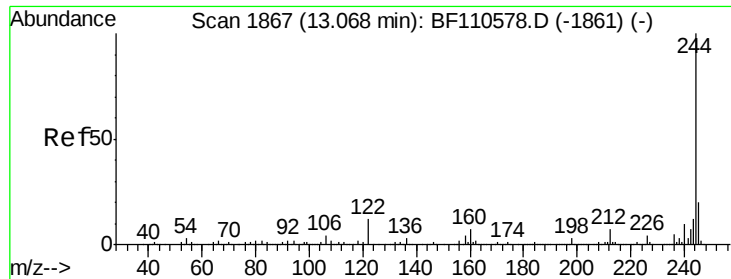
Tot Ion:240 Resp: 227457
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.4 21.2 31.8



#77
Benzidine
Concen: 2.029 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110888.D
Acq: 20 Nov 2018 12:26

Tgt Ion:184 Resp: 12690
Ion Ratio Lower Upper
184 100
185 18.0 13.4 20.2
183 7.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 76.784 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

Instrument :

BNA_F

ClientSampleId :

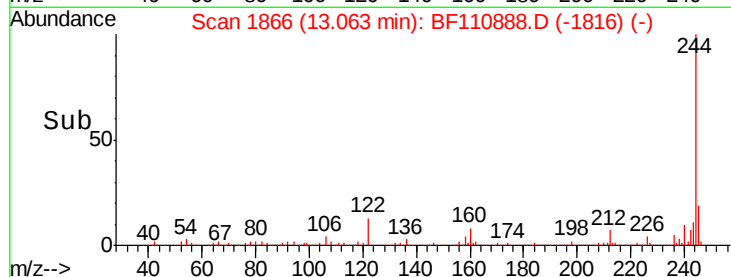
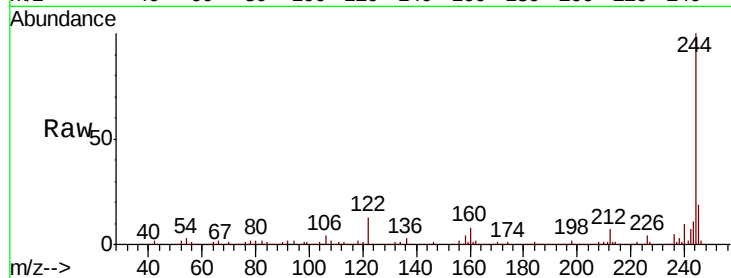
Tot Ion:244 Resp: 932584

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

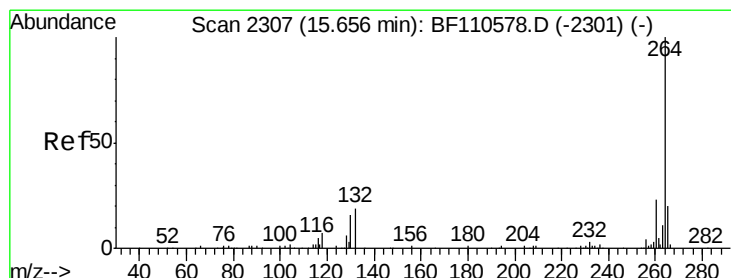
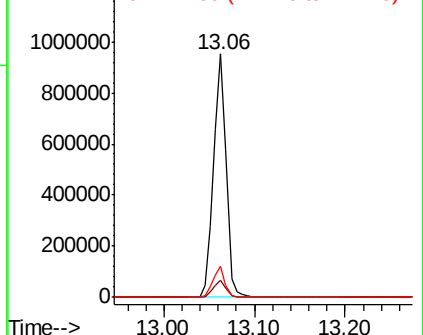
122 12.8 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110888.D

Acq: 20 Nov 2018 12:26

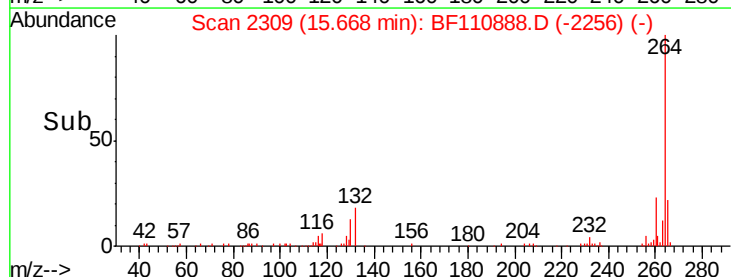
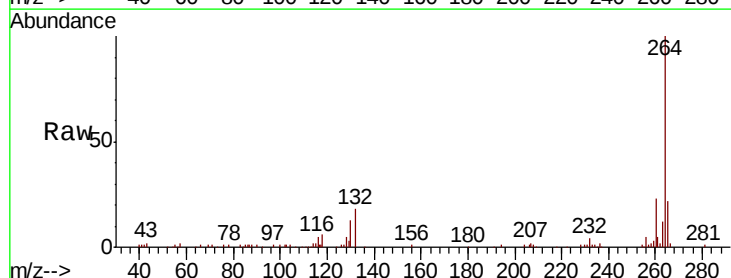
Tgt Ion:264 Resp: 162346

Ion Ratio Lower Upper

264 100

260 23.1 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

