

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110345.D
 Acq On : 31 Oct 2018 20:55
 Operator : JU/SJ
 Sample : J5730-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:44:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

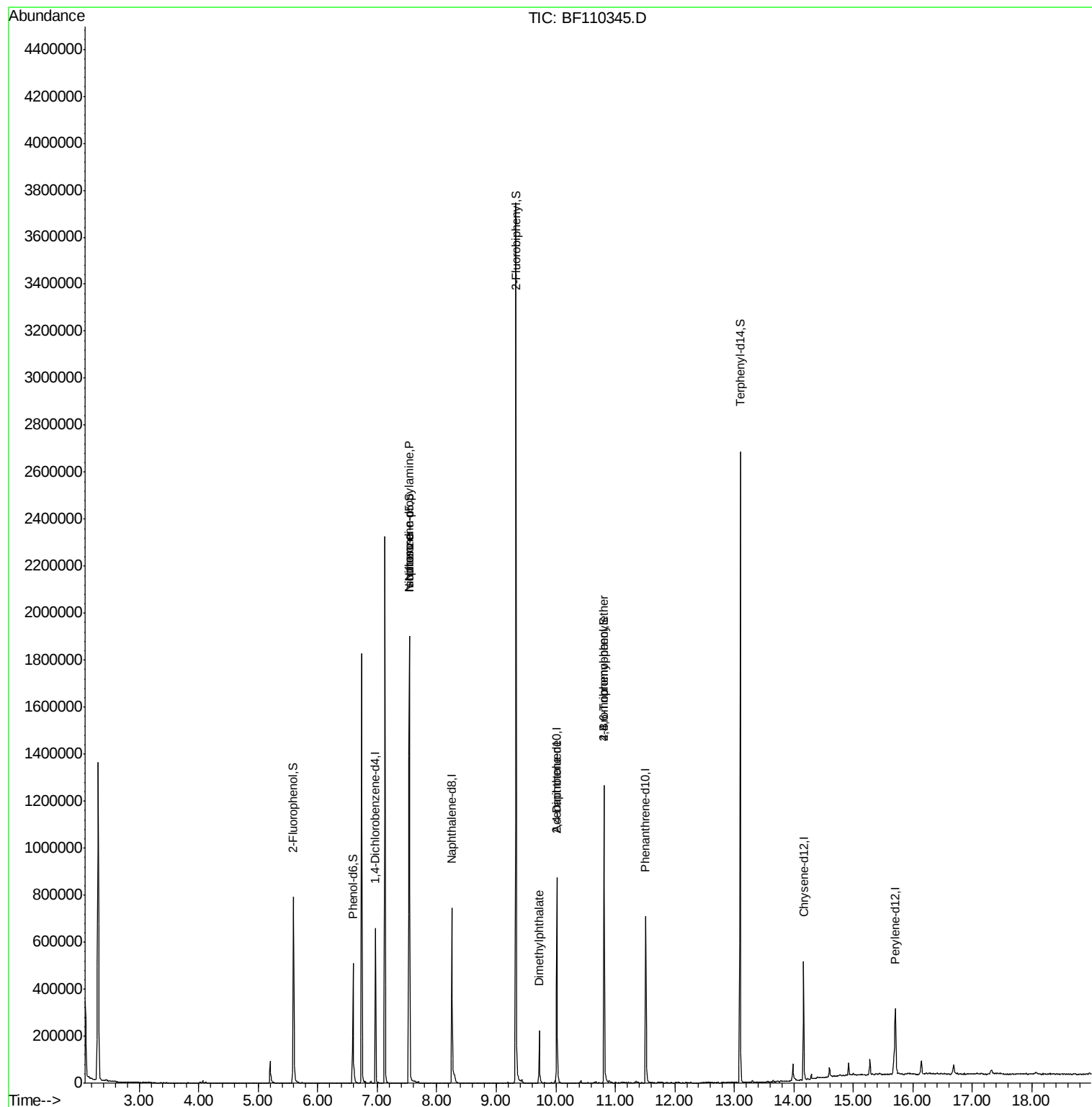
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	96798	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	384430	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	180394	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	298148	20.00	ng	0.00
76) Chrysene-d12	14.16	240	173869	20.00	ng	0.00
87) Perylene-d12	15.70	264	142867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	233773	39.33	ng	0.00
7) Phenol-d6	6.59	99	181679	23.90	ng	-0.01
23) Nitrobenzene-d5	7.54	82	647587	99.92	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	147815	82.72	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1153869	100.44	ng	0.00
79) Terphenyl-d14	13.10	244	865092	103.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	85950	17.621	ng	# 81
25) Isophorone	7.54	82	647583	58.614	ng	# 67
50) Dimethylphthalate	9.72	163	106200	7.975	ng	100
57) 2,4-Dinitrotoluene	10.02	165	22714	6.234	ng	# 18
67) 4-Bromophenyl-phenylether	10.81	248	9577	2.961	ng	# 1

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

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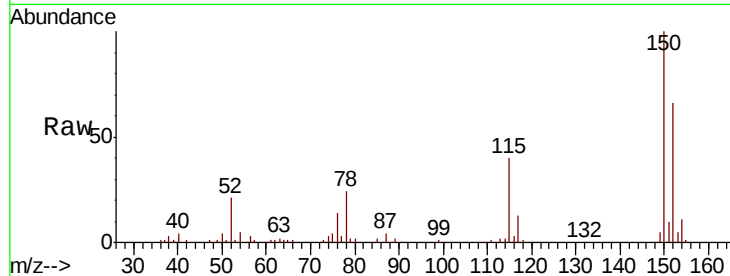


#1

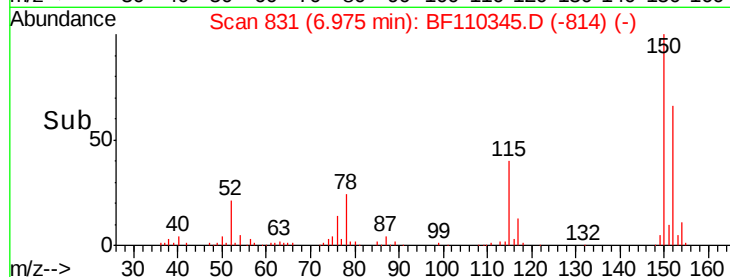
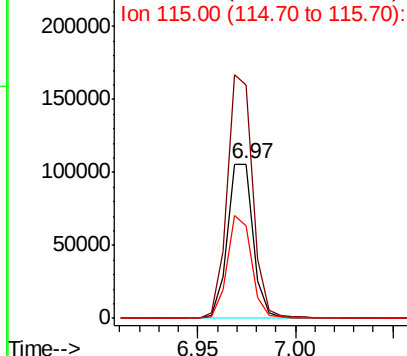
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96798
Ion Ratio Lower Upper
152 100
150 151.1 122.7 184.1
115 59.9 49.1 73.7



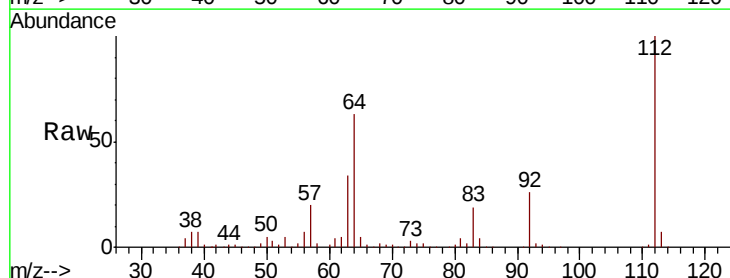
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



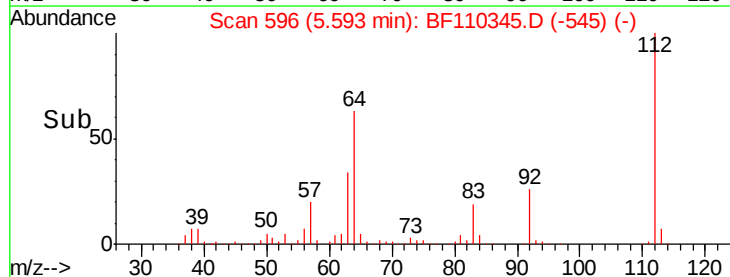
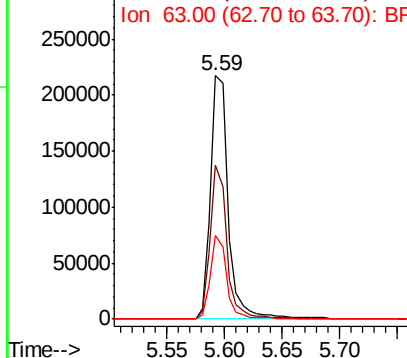
#5

2-Fluorophenol
Concen: 39.328 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Tgt Ion:112 Resp: 233773
Ion Ratio Lower Upper
112 100
64 63.4 44.1 66.1
63 34.4 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: 23.896 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110345.D

Acq: 31 Oct 2018 20:55

Instrument :

BNA_F

ClientSampled :

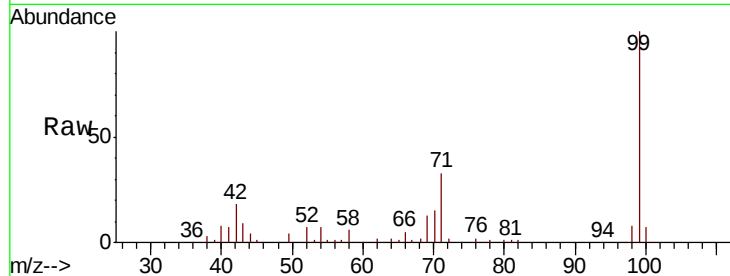
Tot Ion: 99 Resp: 181679

Ion Ratio Lower Upper

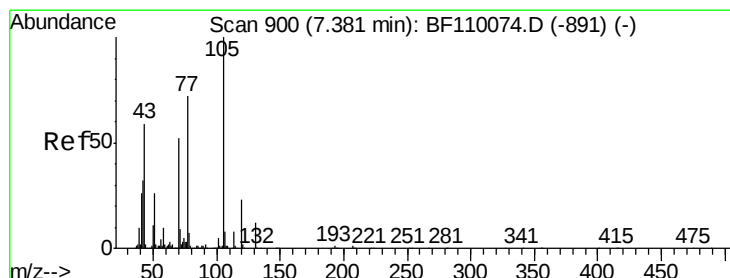
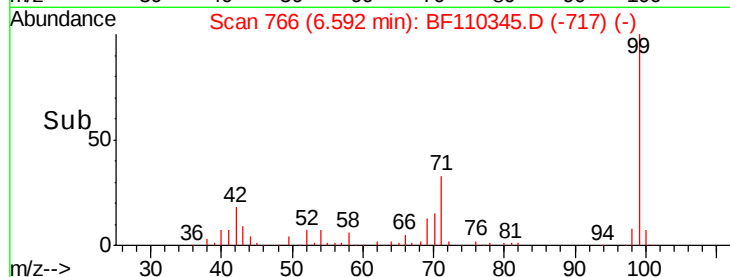
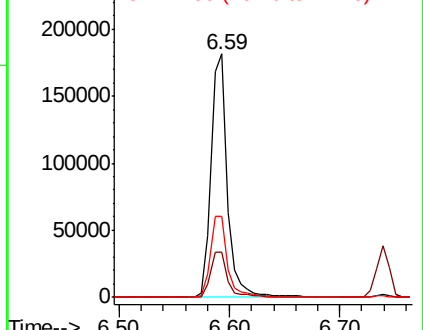
99 100

42 18.4 15.8 23.6

71 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.621 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF110345.D

Acq: 31 Oct 2018 20:55

Tgt Ion: 70 Resp: 85950

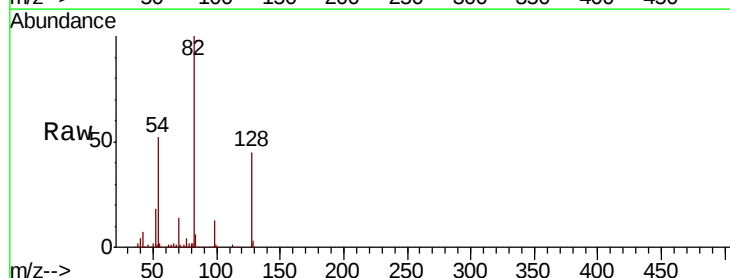
Ion Ratio Lower Upper

70 100

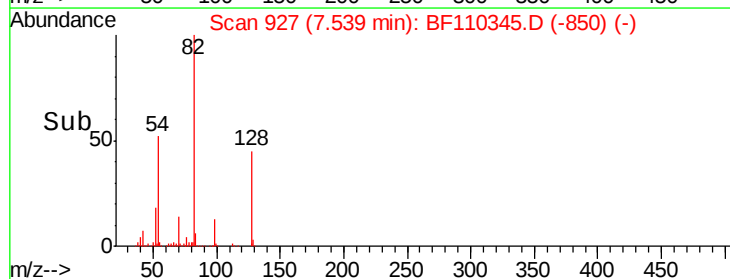
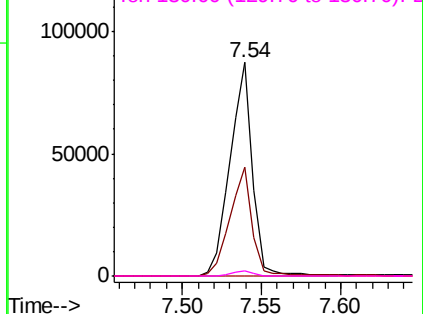
42 50.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



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

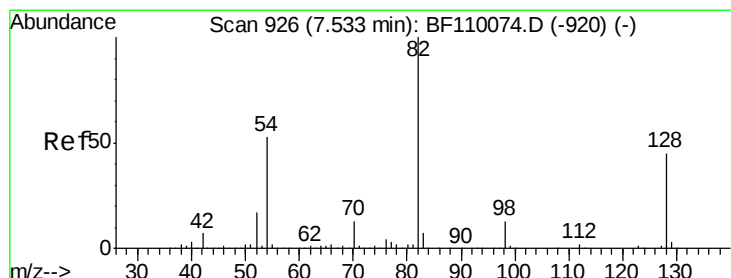
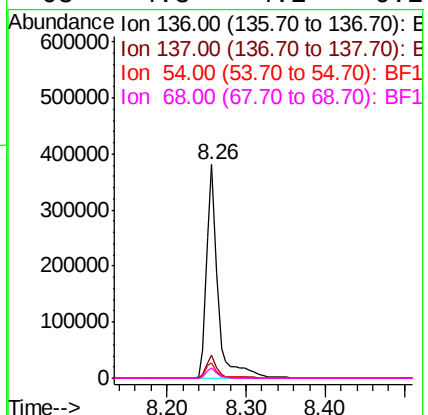
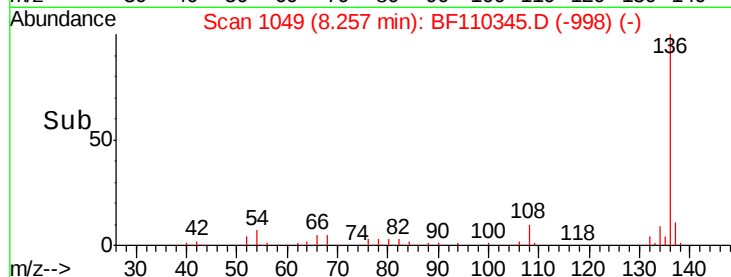
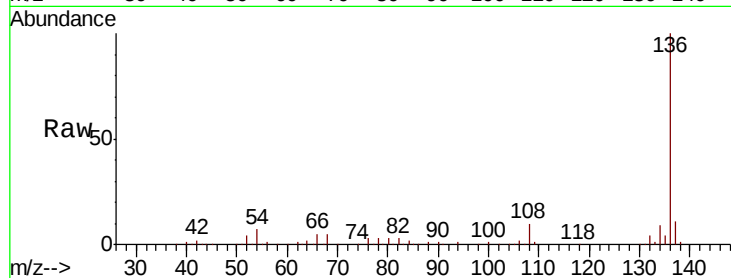




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

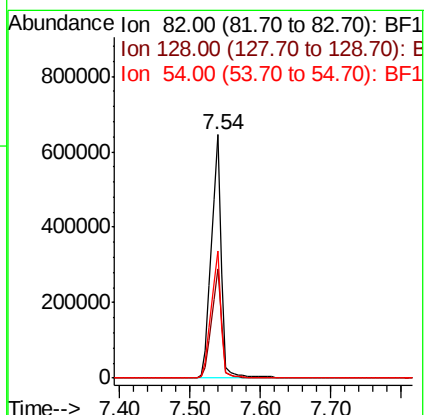
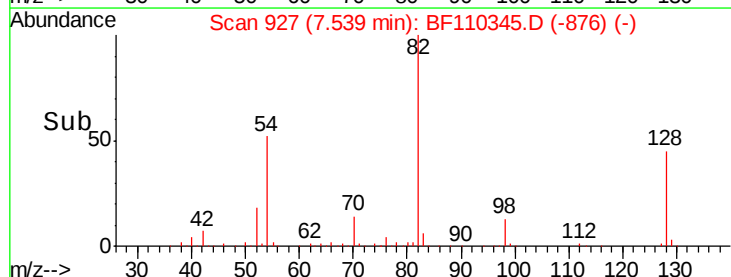
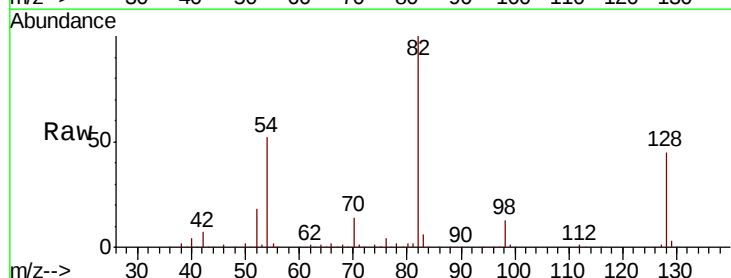
Instrument :
BNA_F
ClientSampleId :

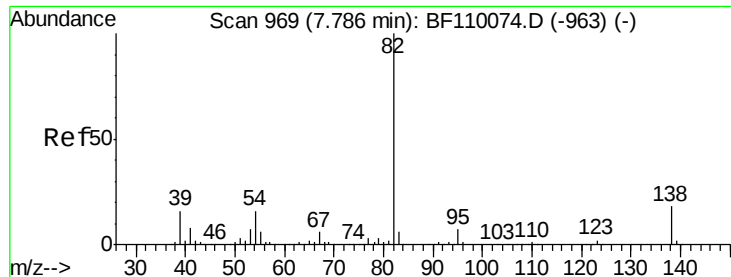
Tot Ion:136	Resp:	384430	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 7.5	5.4	8.2	
68 4.8	4.2	6.2	



#23
Nitrobenzene-d5
Concen: 99.915 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Tgt Ion: 82	Resp: 647587
Ion Ratio	Lower Upper
82 100	
128 44.9	34.2 51.2
54 52.5	38.6 58.0





#25

Isophorone

Concen: 58.614 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF110345.D

Acq: 31 Oct 2018 20:55

Instrument :

BNA_F

ClientSampleId :

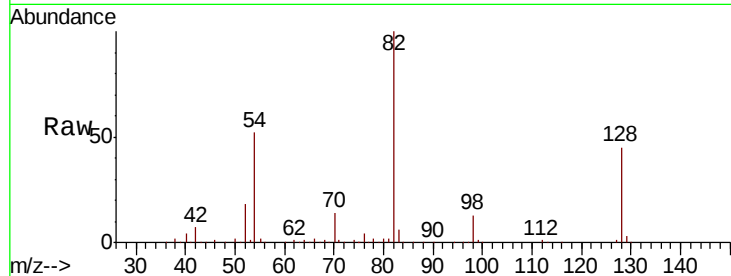
Tot Ion: 82 Resp: 647583

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

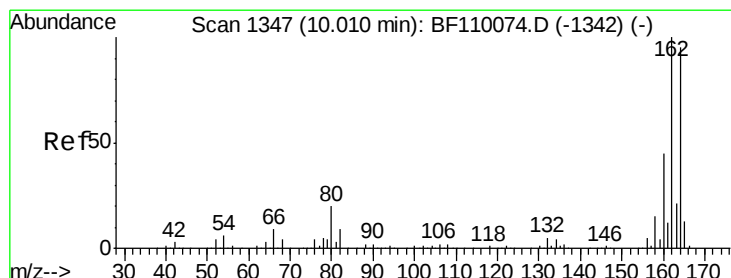
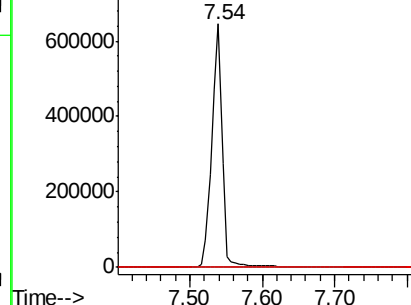
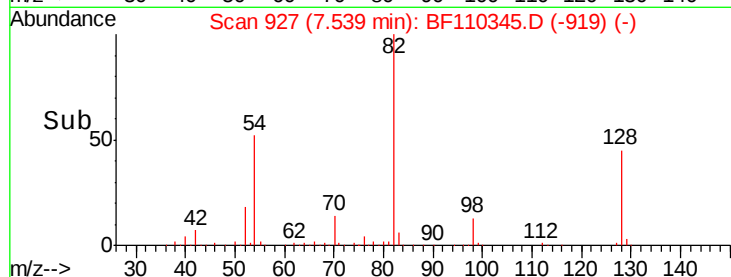
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110074.D (-963) (-)

Ion 95.00 (94.70 to 95.70): BF110074.D (-963) (-)

Ion 138.00 (137.70 to 138.70): BF110074.D (-963) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110345.D

Acq: 31 Oct 2018 20:55

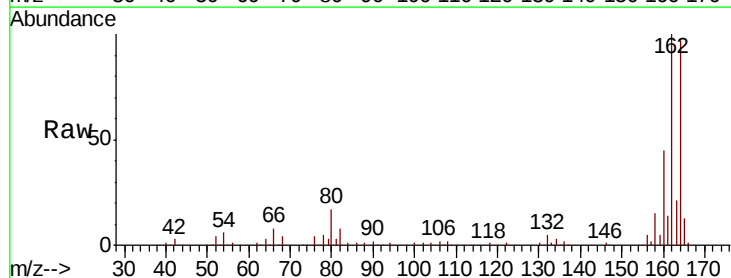
Tgt Ion:164 Resp: 180394

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

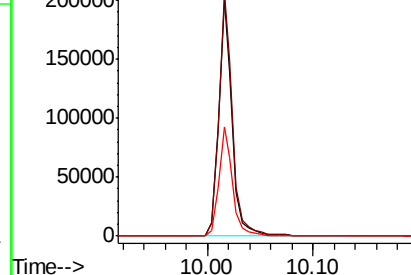
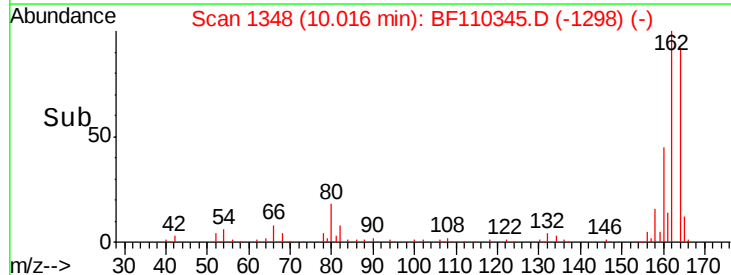
160 46.1 37.0 55.6

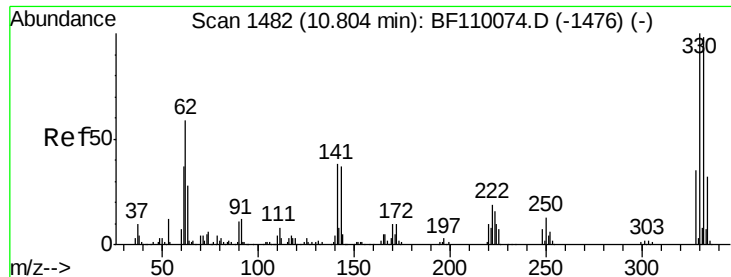


Abundance Ion 164.00 (163.70 to 164.70): BF110074.D (-1342) (-)

Ion 162.00 (161.70 to 162.70): BF110074.D (-1342) (-)

Ion 160.00 (159.70 to 160.70): BF110074.D (-1342) (-)

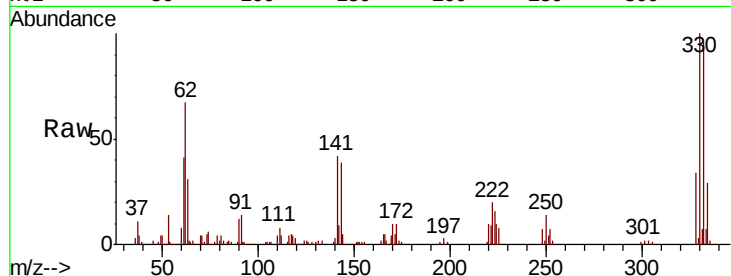




#42
 2,4,6-Tribromophenol
 Concen: 82.720 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110345.D
 Acq: 31 Oct 2018 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	37.8	27.0	40.4

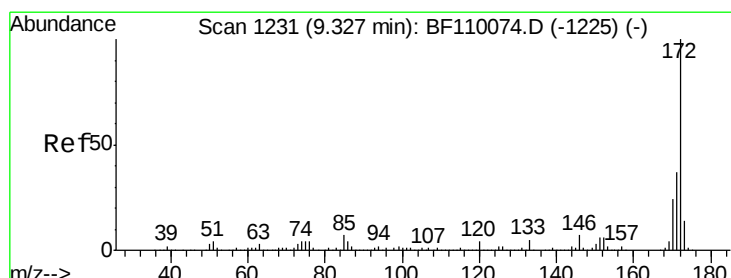
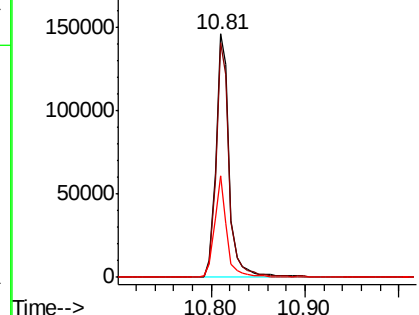
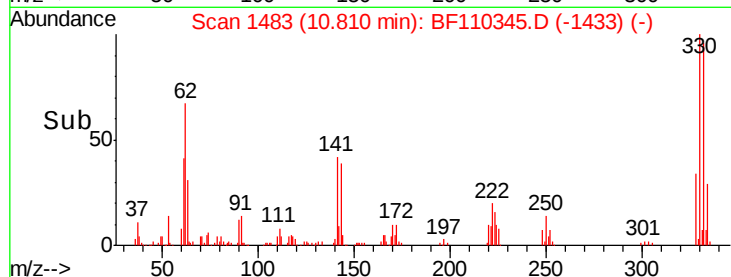


Abundance

Ion 329.80 (329.50 to 330.50): E

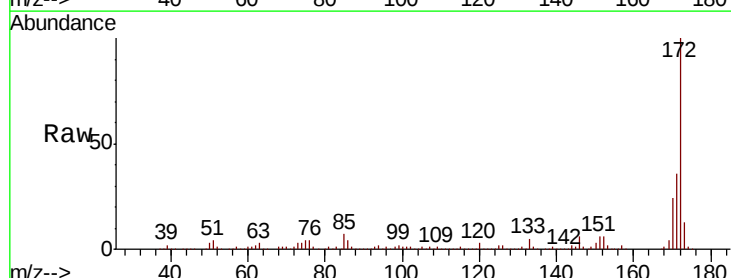
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.440 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110345.D
 Acq: 31 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.7	29.5

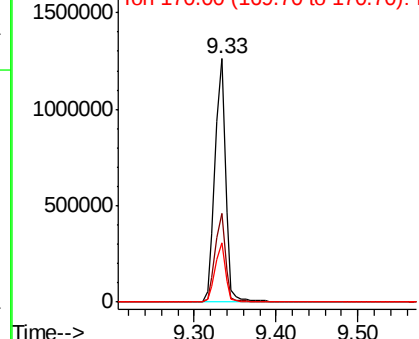
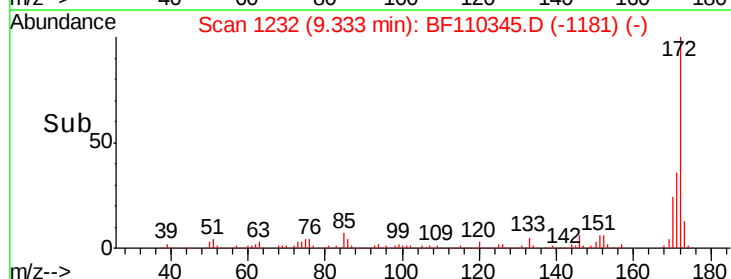


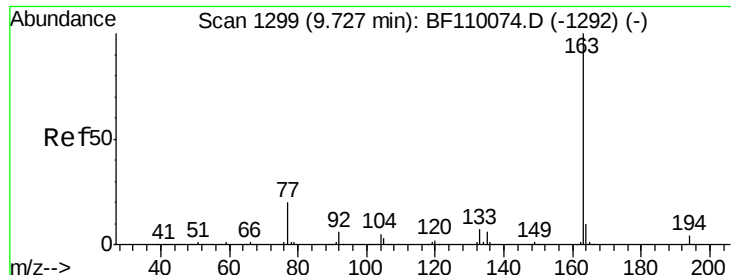
Abundance

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

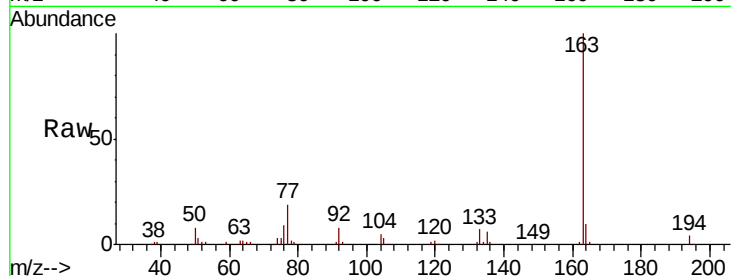




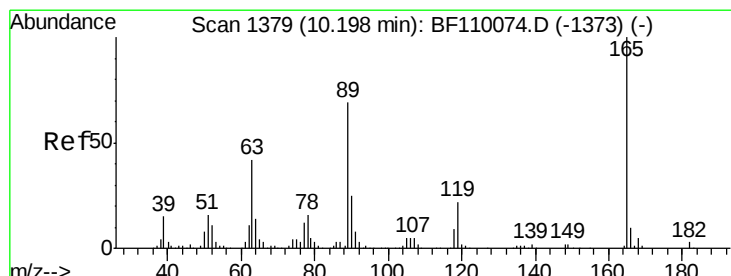
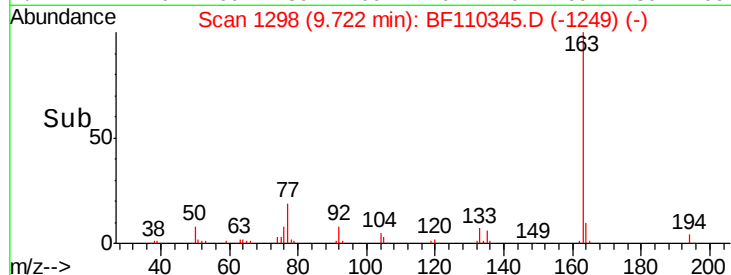
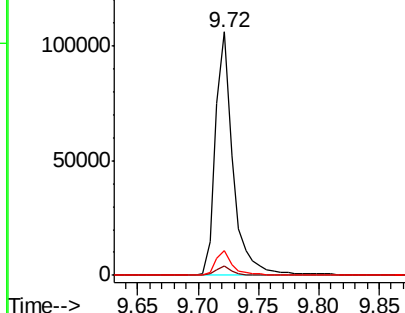
#50
Dimethylphthalate
Concen: 7.975 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	8.1	12.1



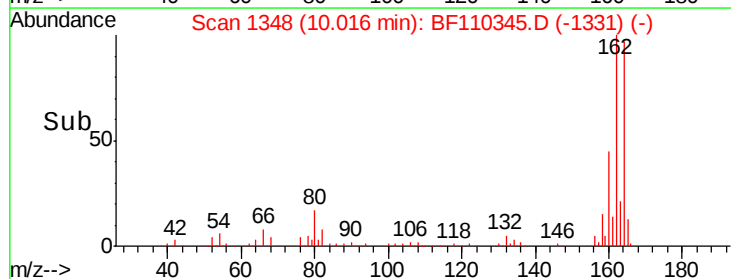
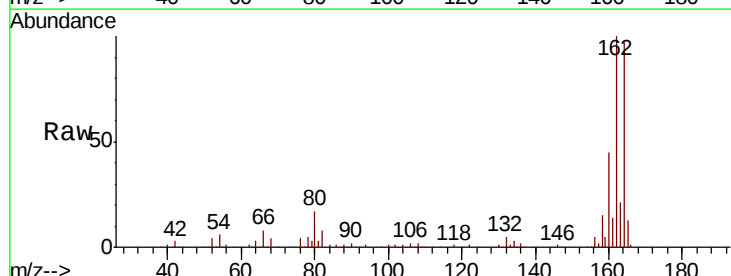
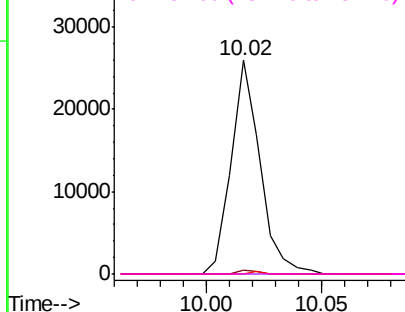
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

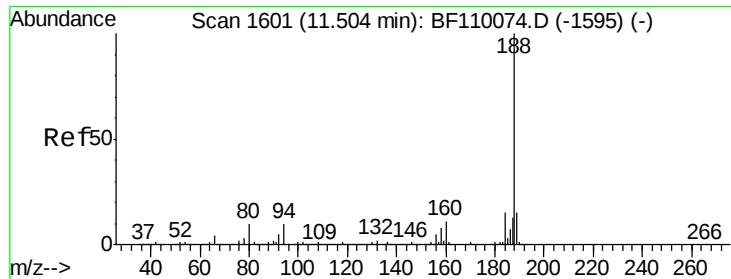


#57
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.20 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

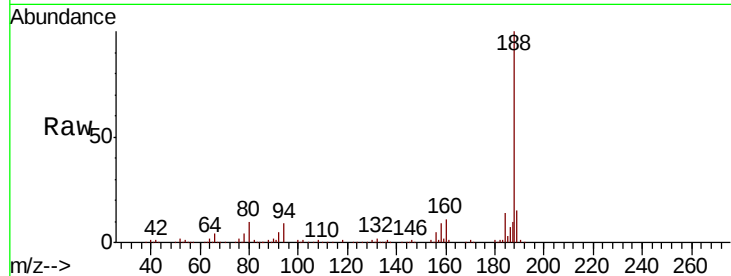




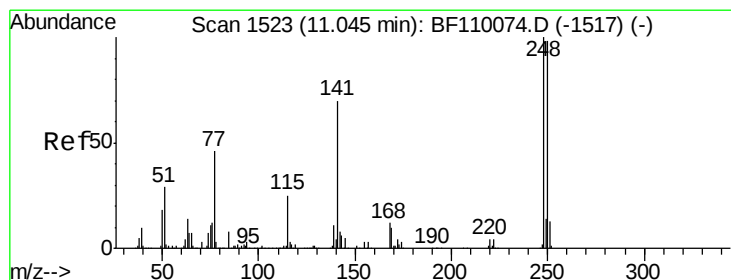
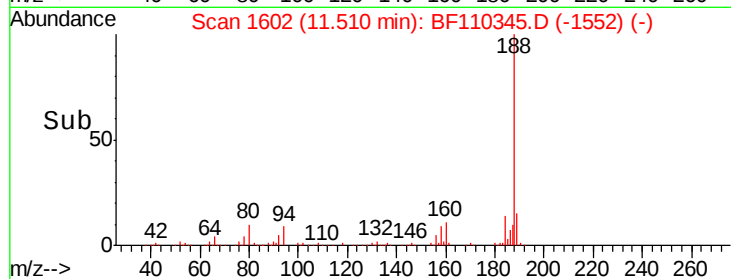
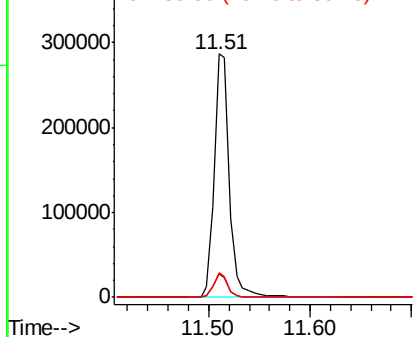
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 298148
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.2 7.9 11.9

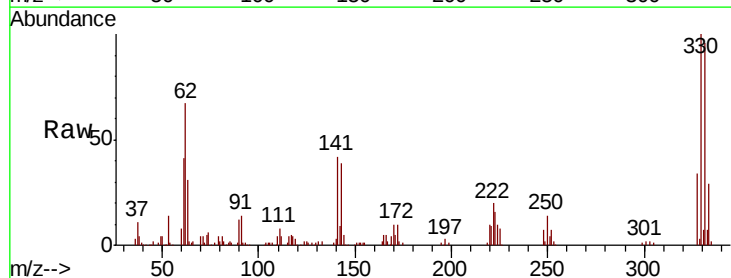


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

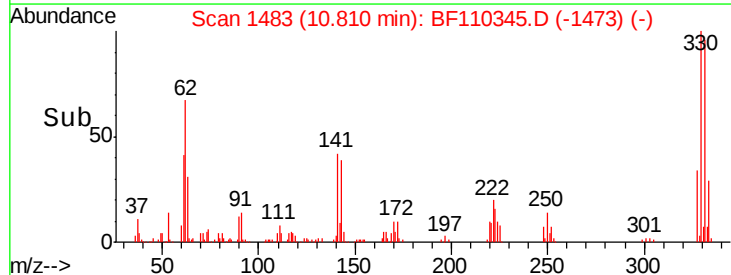
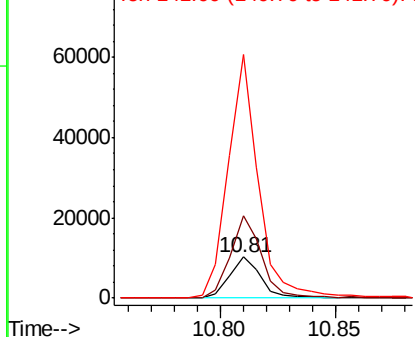


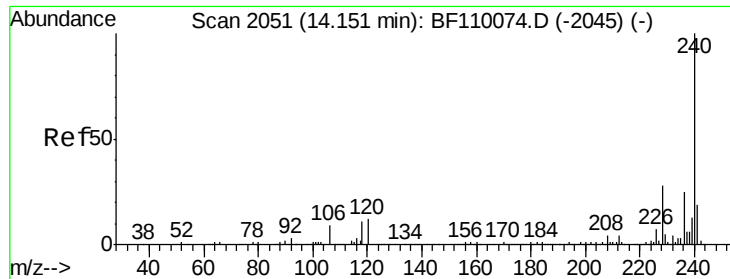
#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Tgt Ion:248 Resp: 9577
Ion Ratio Lower Upper
248 100
250 202.1 79.4 119.2#
141 596.2 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

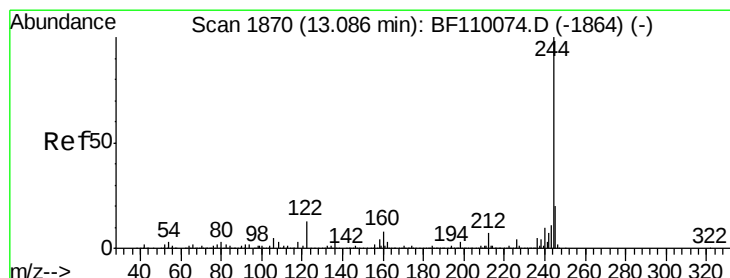
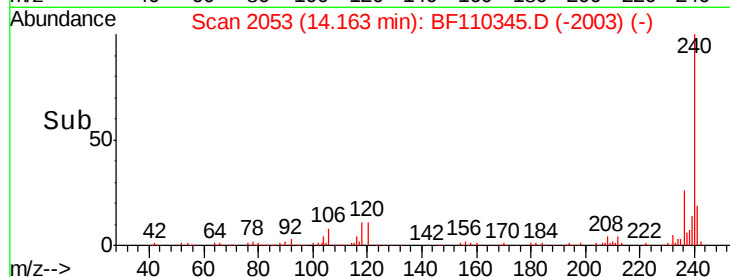
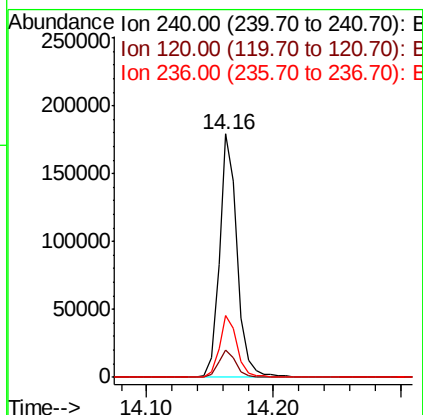
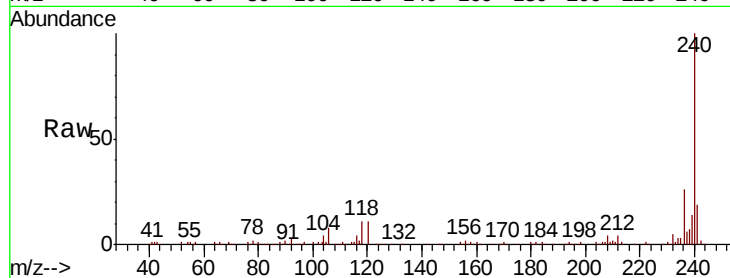




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110345.D
 Acq: 31 Oct 2018 20:55

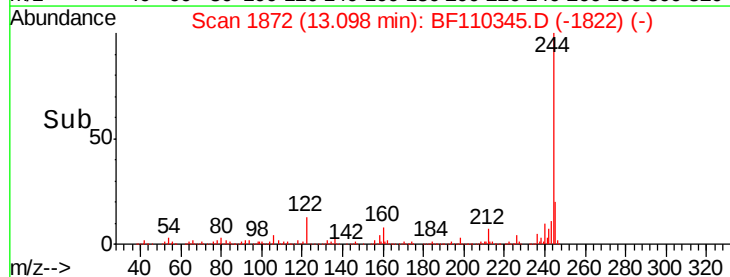
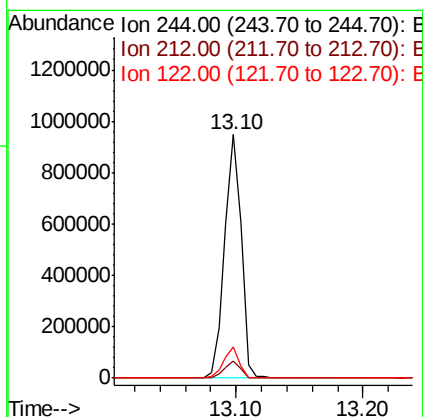
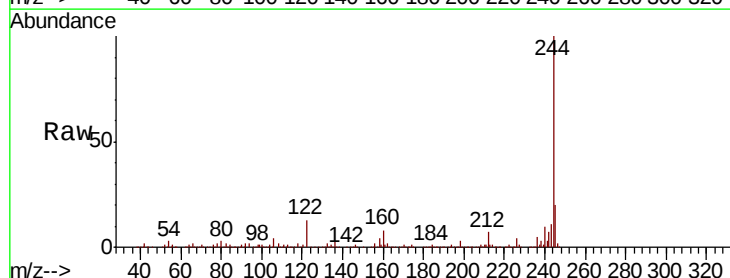
Instrument :
 BNA_F
 ClientSampled :

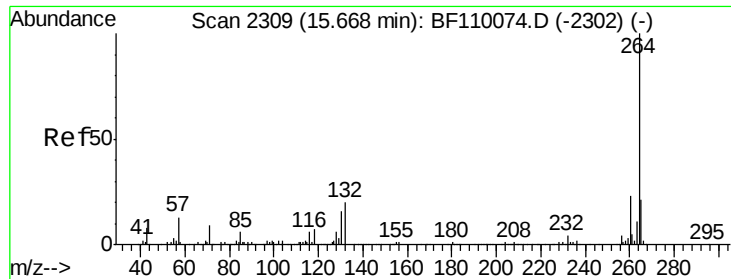
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.5	21.2	31.8



#79
 Terphenyl-d14
 Concen: 103.477 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF110345.D
 Acq: 31 Oct 2018 20:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.6	8.7	13.1

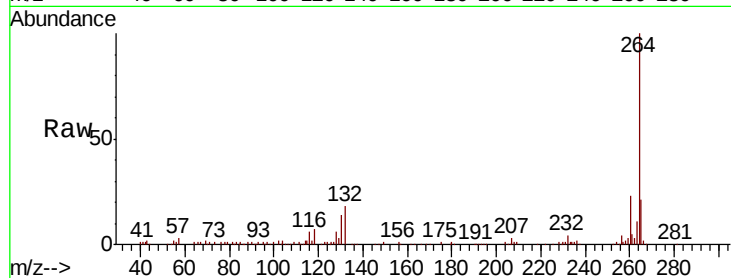




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BF110345.D
Acq: 31 Oct 2018 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.2	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

