

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110499.D
 Acq On : 6 Nov 2018 7:37
 Operator : JU/SJ
 Sample : J5810-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

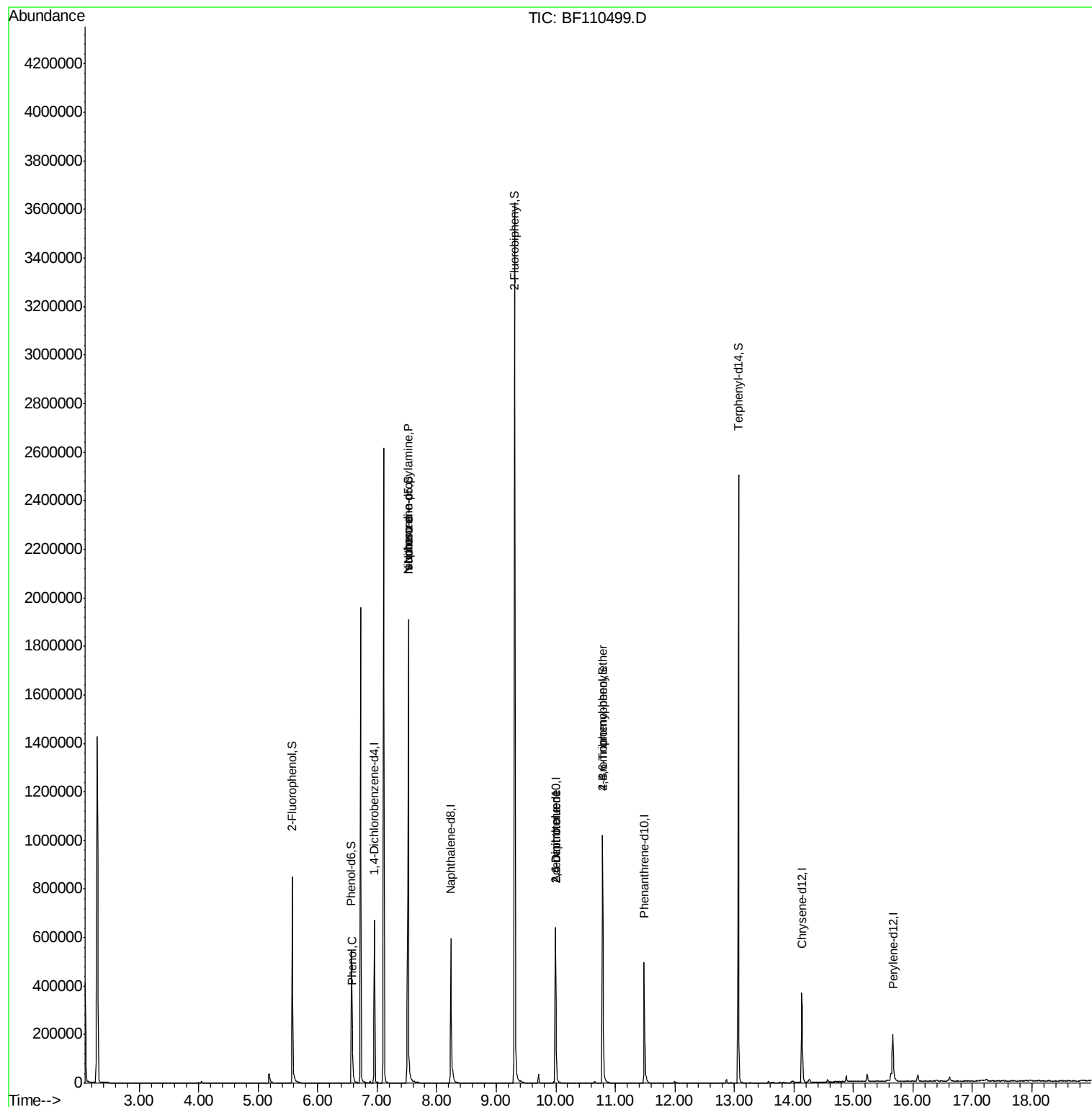
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	97174	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	382828	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	161813	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	243330	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163629	20.00	ng	0.00
87) Perylene-d12	15.66	264	126291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	257487	43.15	ng	0.00
7) Phenol-d6	6.57	99	204443	26.79	ng	-0.01
23) Nitrobenzene-d5	7.52	82	689827	106.88	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	132318	82.55	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1224791	118.86	ng	0.00
79) Terphenyl-d14	13.07	244	802873	102.04	ng	0.00
Target Compounds						
10) Phenol	6.59	94	21128	2.590	ng	# 70
19) n-Nitroso-di-n-propylamine	7.52	70	90244	18.430	ng	# 80
25) Isophorone	7.52	82	689823	62.699	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	20063	7.798	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	20063	6.139	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	8099	3.068	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110499.D
Acq On : 6 Nov 2018 7:37
Operator : JU/SJ
Sample : J5810-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 06 09:40:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



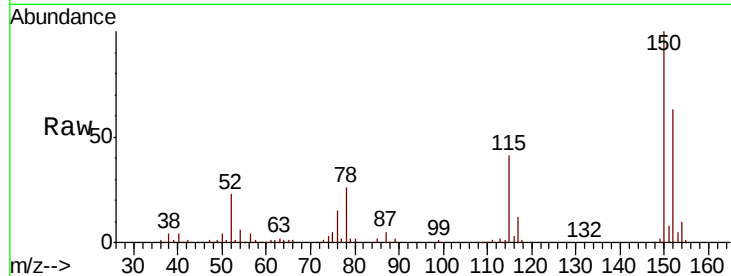


#1

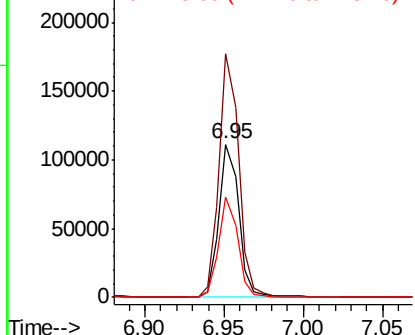
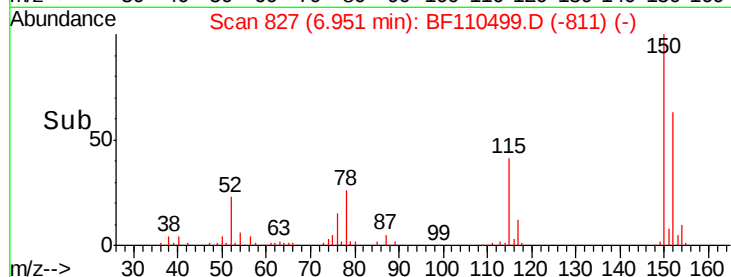
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97174
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 65.5 49.1 73.7



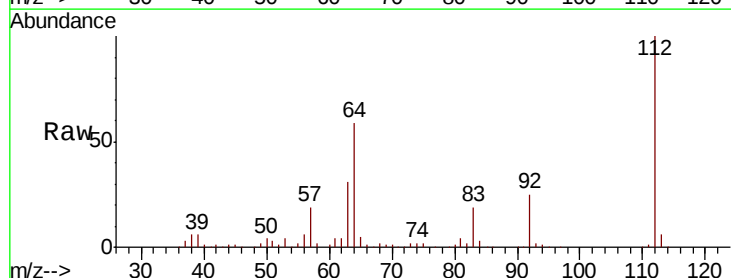
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



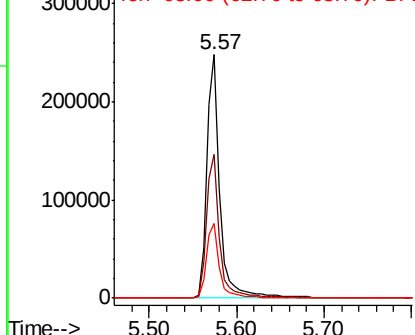
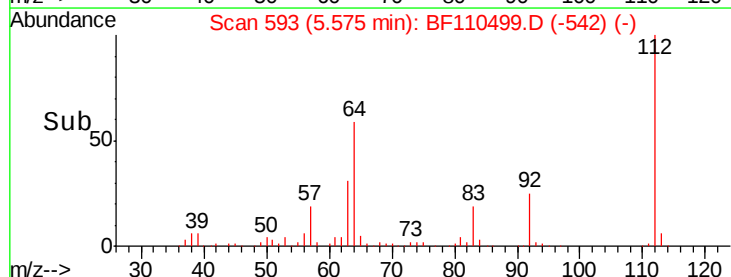
#5

2-Fluorophenol
Concen: 43.150 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion:112 Resp: 257487
Ion Ratio Lower Upper
112 100
64 59.1 44.1 66.1
63 30.6 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: 26.786 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Instrument :

BNA_F

ClientSampled :

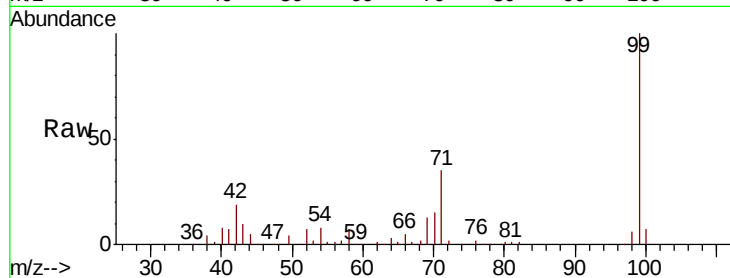
Tot Ion: 99 Resp: 204443

Ion Ratio Lower Upper

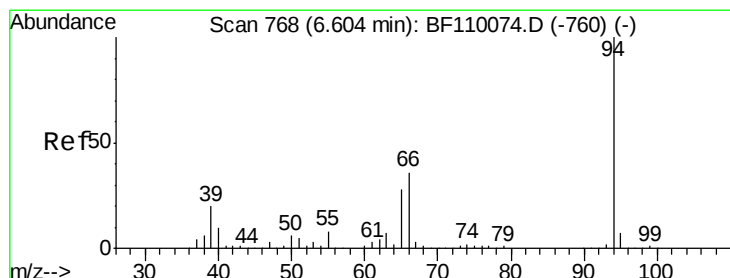
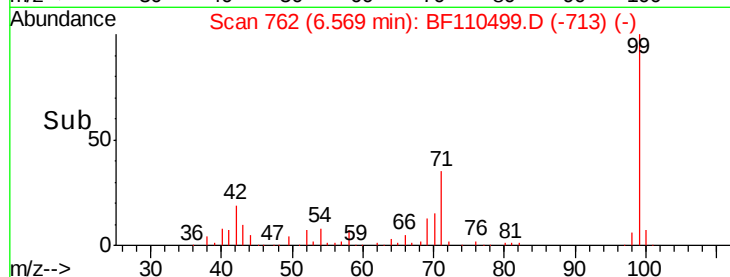
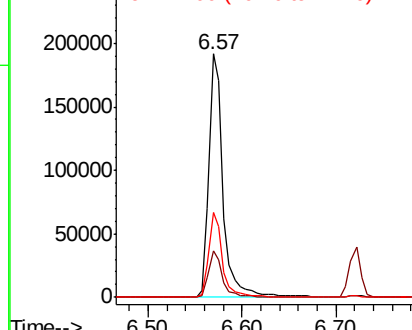
99 100

42 19.2 15.8 23.6

71 35.0 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: 2.590 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

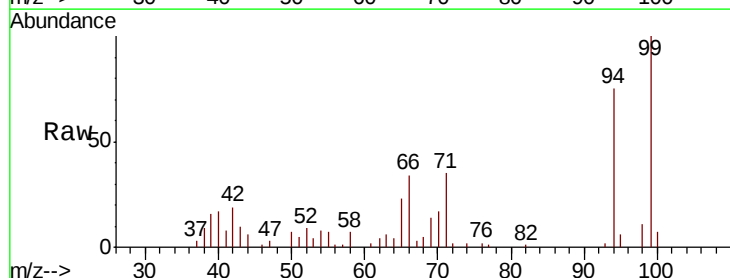
Tgt Ion: 94 Resp: 21128

Ion Ratio Lower Upper

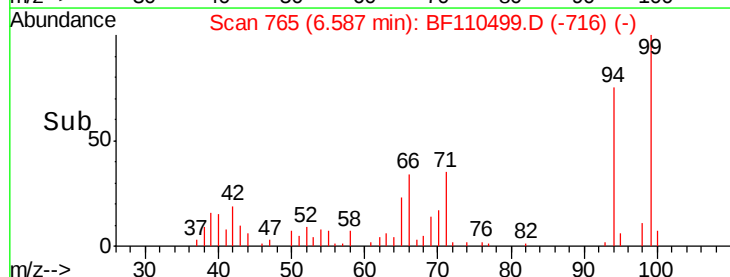
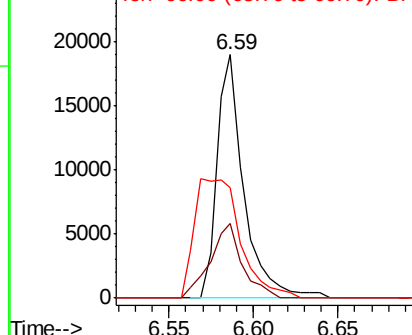
94 100

65 30.4 25.3 65.3

66 45.5 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

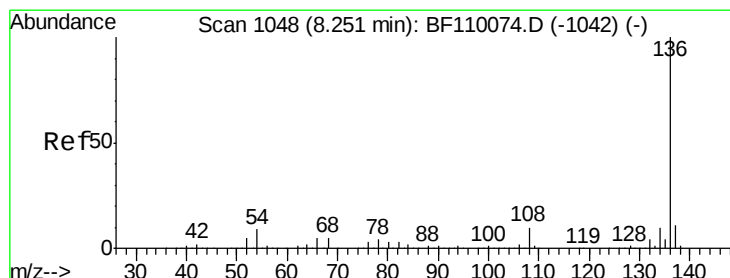
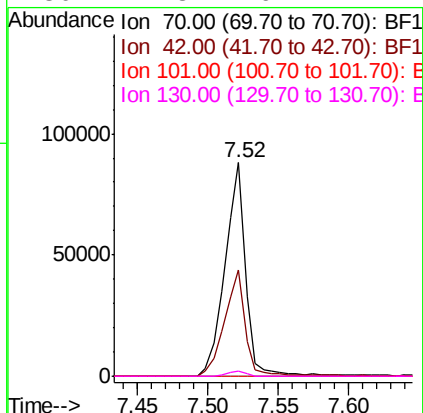
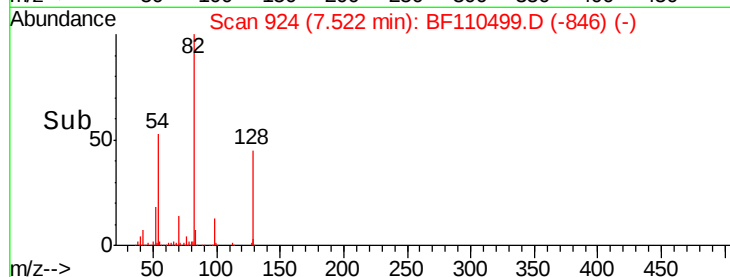
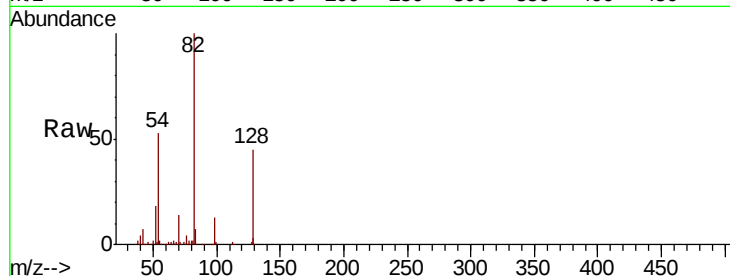




#19
n-Nitroso-di-n-propylamine
Concen: 18.430 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

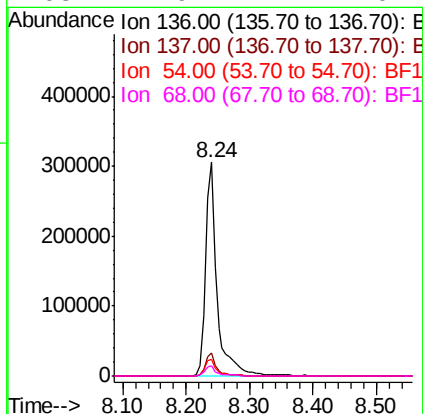
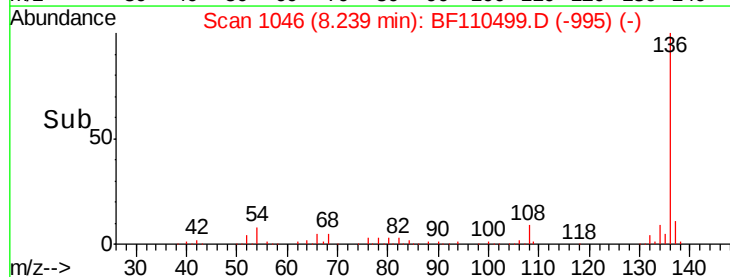
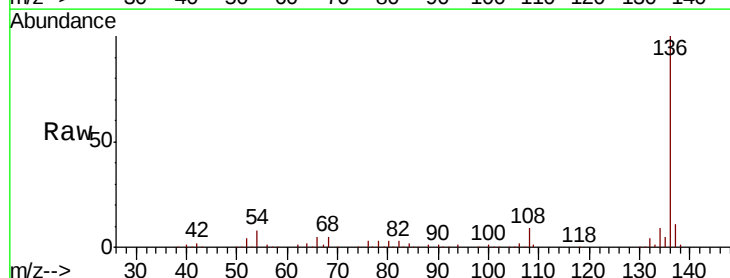
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 90244
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion: 136 Resp: 382828
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.6 5.4 8.2
68 4.9 4.2 6.2

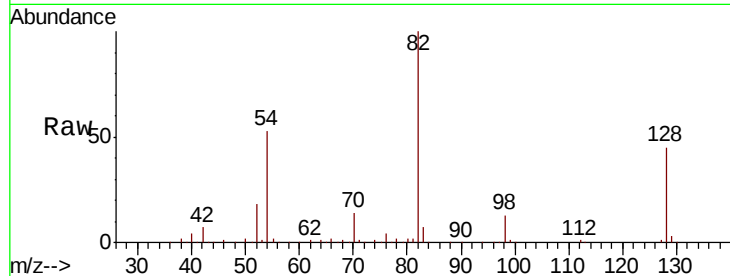




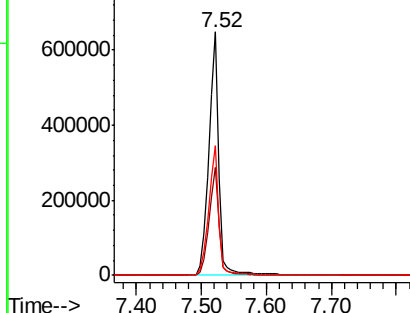
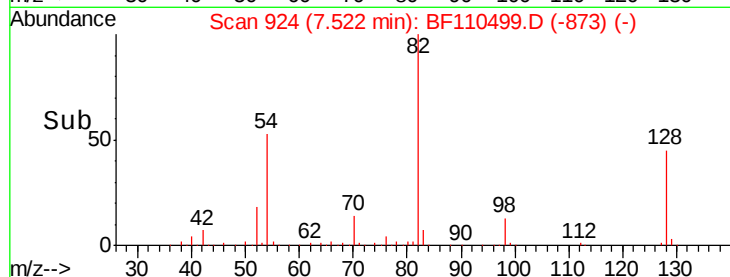
#23
Nitrobenzene-d5
Concen: 106.878 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	689827
Ion Ratio	100	Lower	Upper
128	44.6	34.2	51.2
54	53.1	38.6	58.0

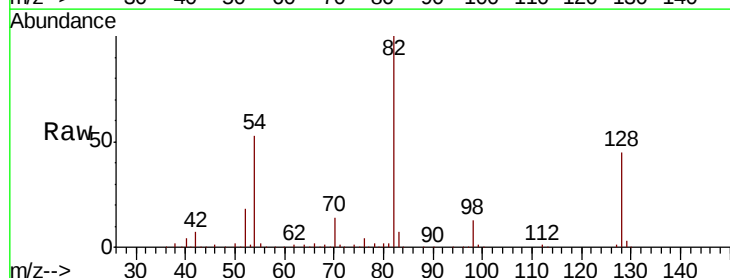


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

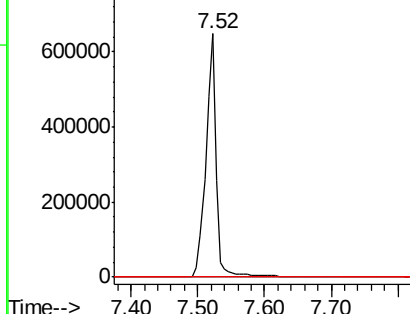
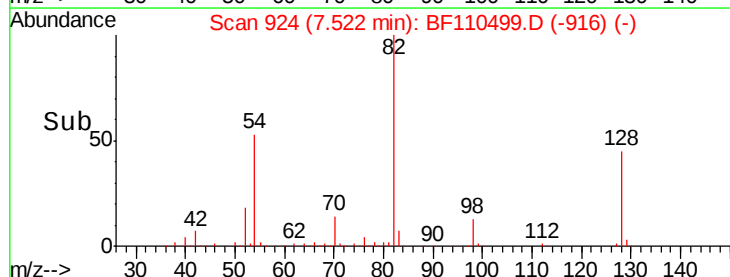


#25
Isophorone
Concen: 62.699 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion	82	Resp	689823
Ion Ratio	100	Lower	Upper
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

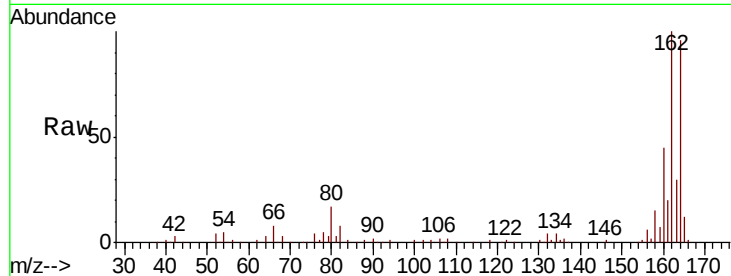




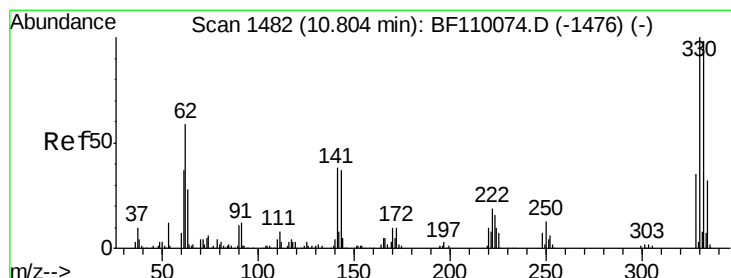
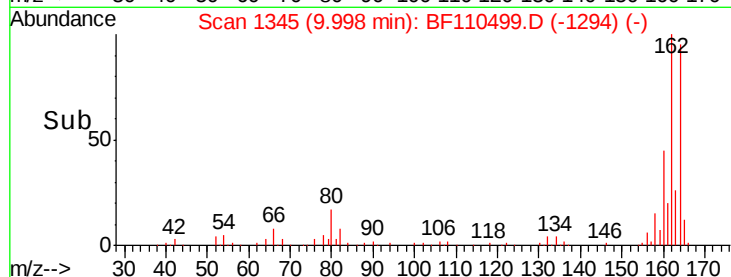
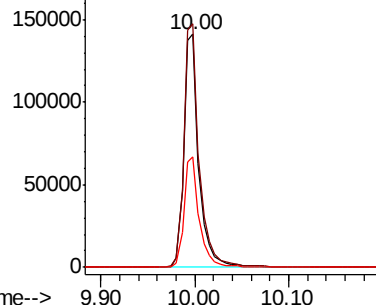
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 161813
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.6
160 47.3 37.0 55.6

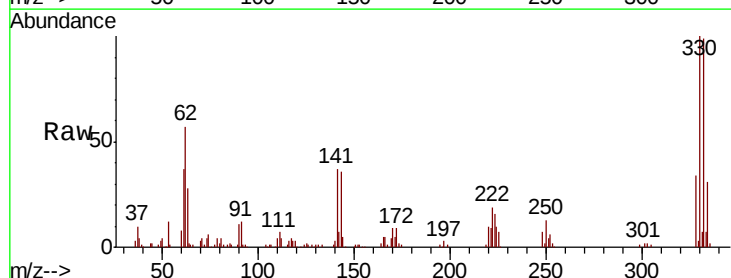


Abundance Ion 164.00 (163.70 to 164.70): E
200000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

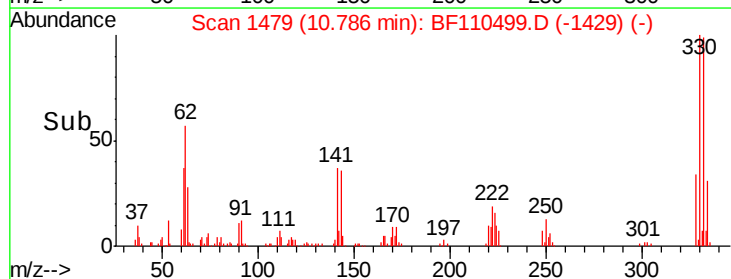
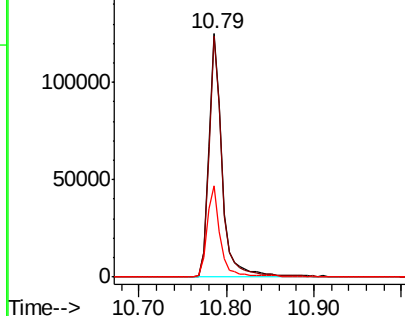


#42
2,4,6-Tribromophenol
Concen: 82.551 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion:330 Resp: 132318
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 37.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



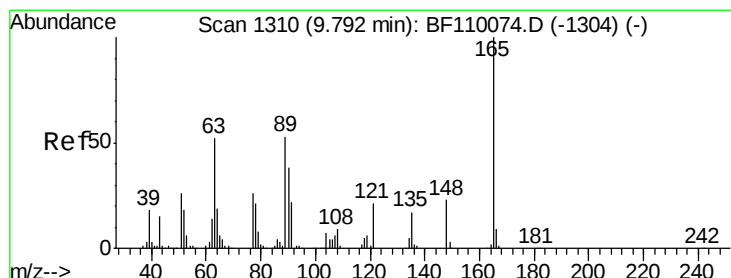
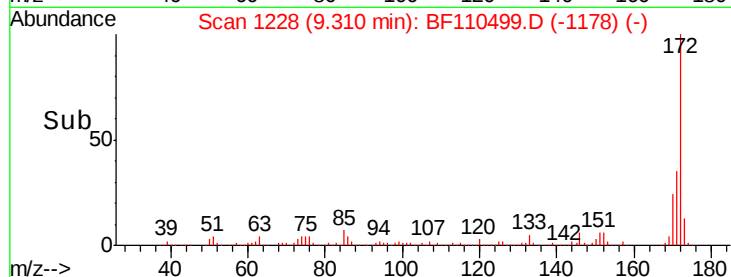
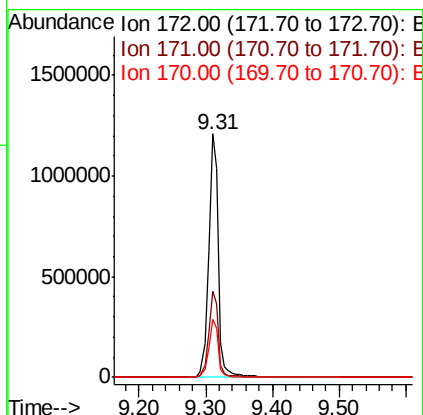
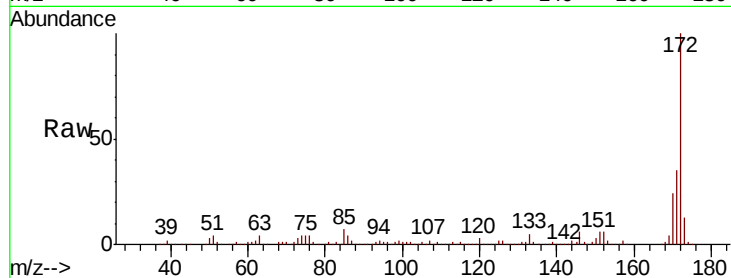


#45
 2-Fluorobiphenyl
 Concen: 118.856 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1224791

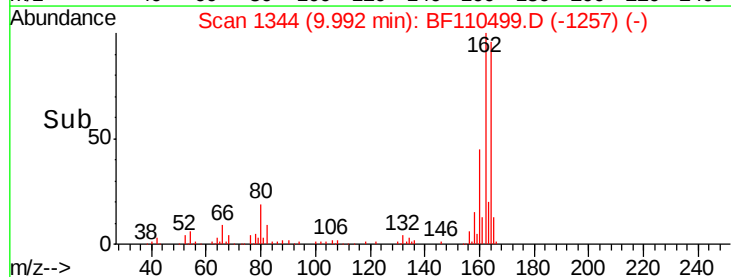
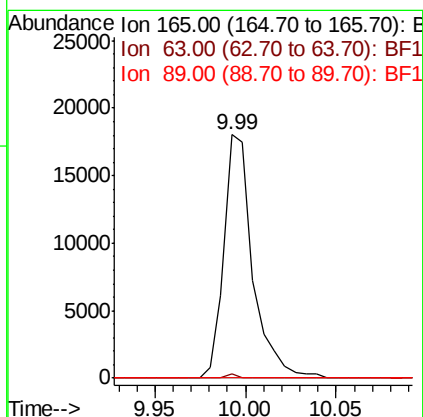
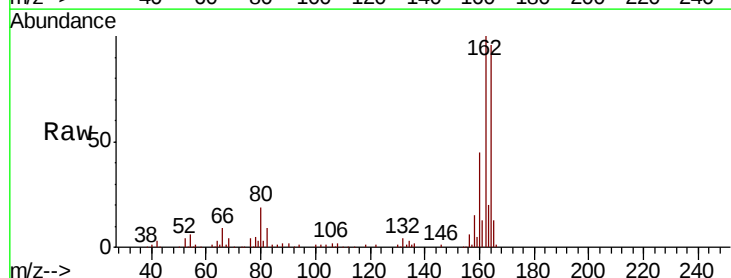
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.798 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.21 min
 Lab File: BF110499.D
 Acq: 6 Nov 2018 7:37

Tgt Ion:165 Resp: 20063

Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	0.0	46.6	69.8#

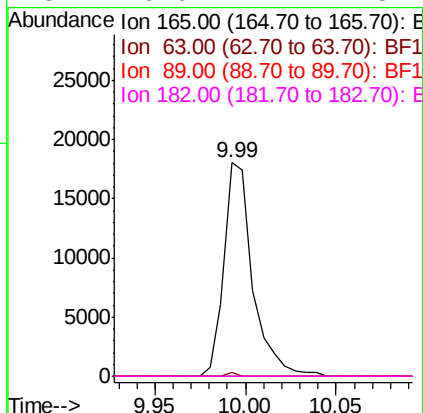
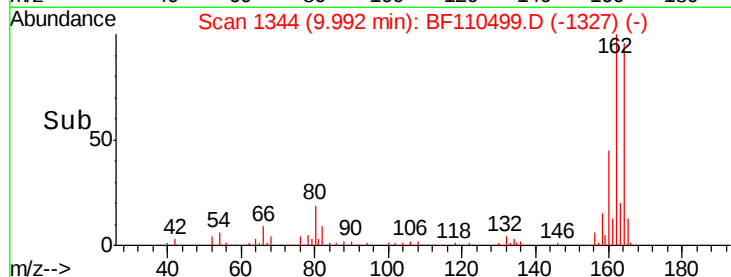
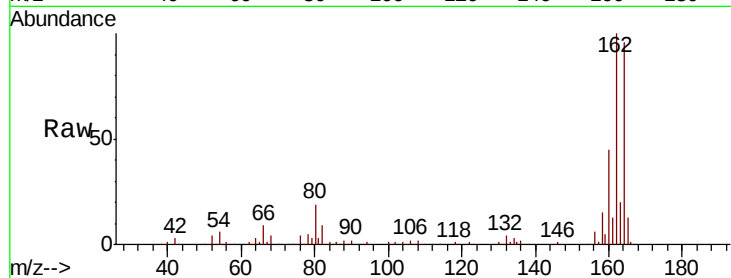




#57
2,4-Dinitrotoluene
Concen: 6.139 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

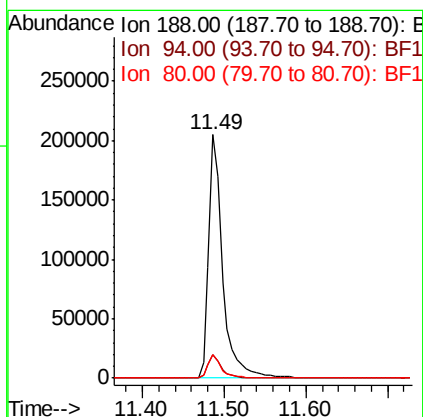
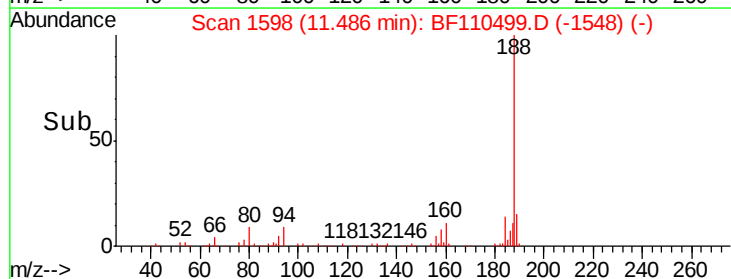
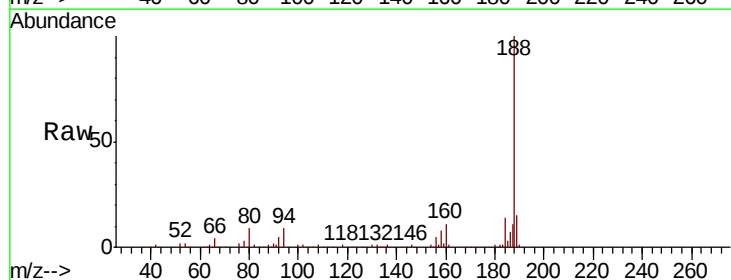
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	20063
Ion Ratio	Lower	Upper
165	100	
63	1.9	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: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion:188	Resp:	243330
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.2 10.8
80	9.5	7.9 11.9

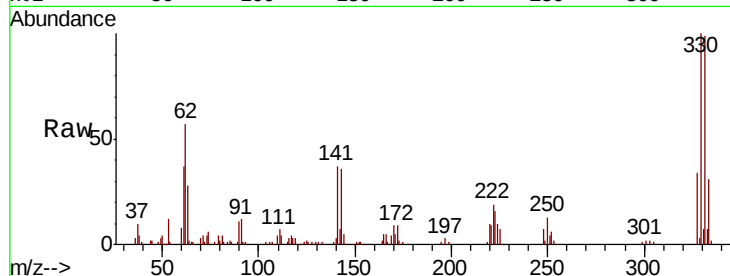




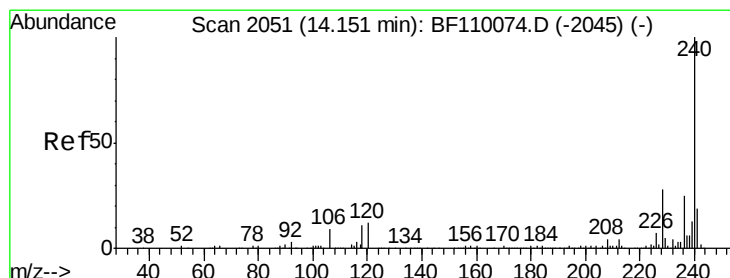
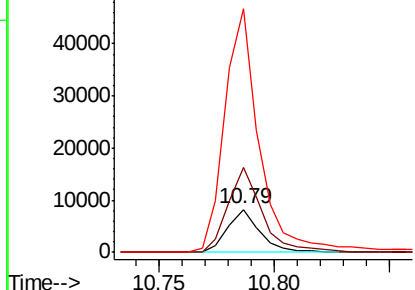
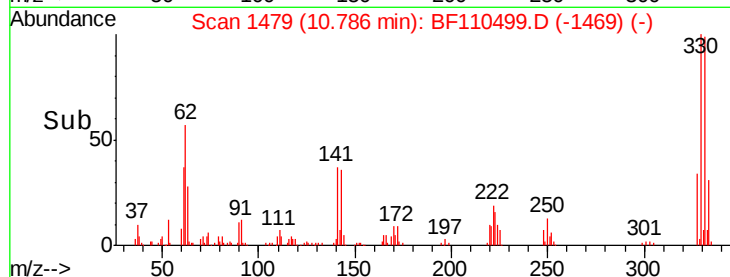
#67
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8099
Ion Ratio Lower Upper
248 100
250 195.7 79.4 119.2#
141 564.6 55.9 83.9#

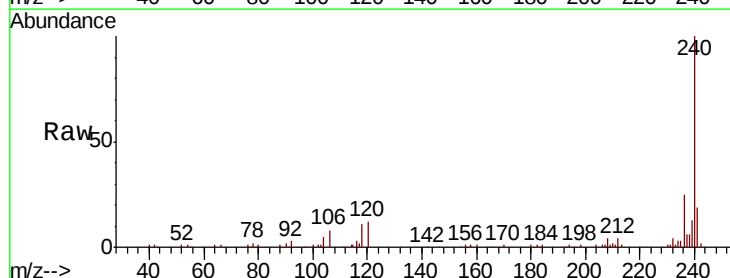


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

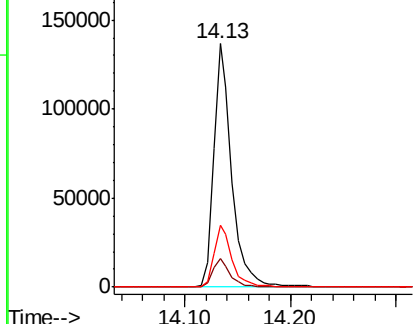
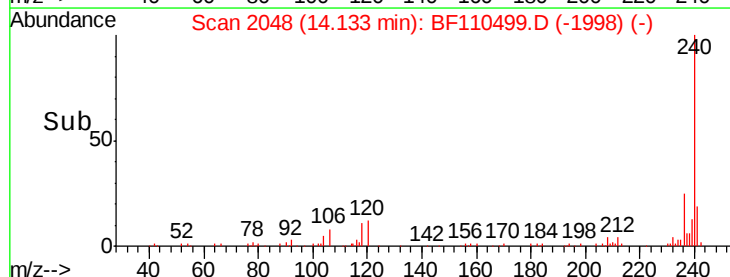


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110499.D
Acq: 6 Nov 2018 7:37

Tgt Ion:240 Resp: 163629
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.5 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: 102.044 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Instrument :

BNA_F

ClientSampleId :

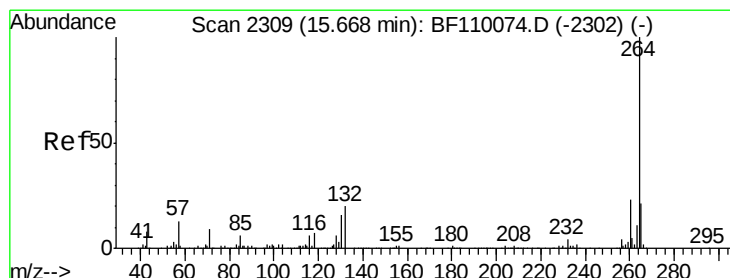
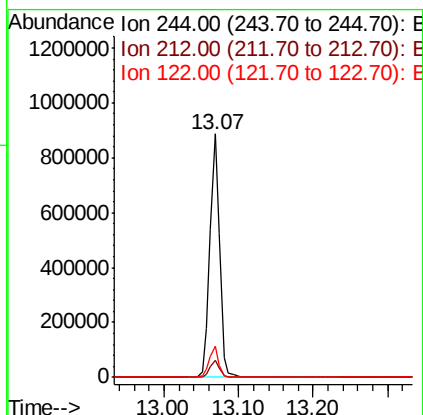
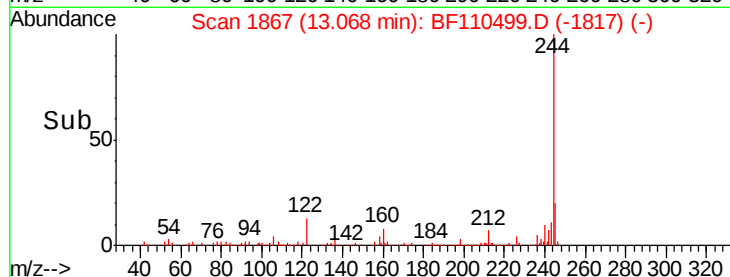
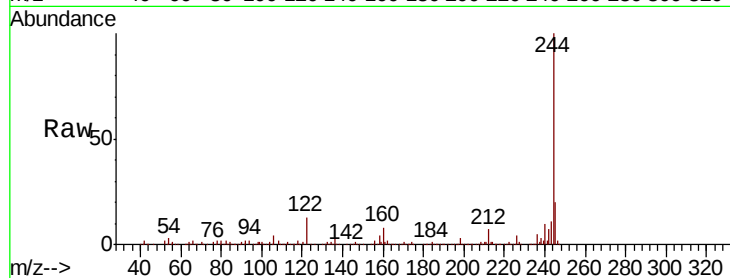
Tot Ion:244 Resp: 802873

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 12.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110499.D

Acq: 6 Nov 2018 7:37

Tgt Ion:264 Resp: 126291

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 19.8 16.7 25.1

