

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110354.D
 Acq On : 1 Nov 2018 1:57
 Operator : JU/SJ
 Sample : J5630-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:54:49 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

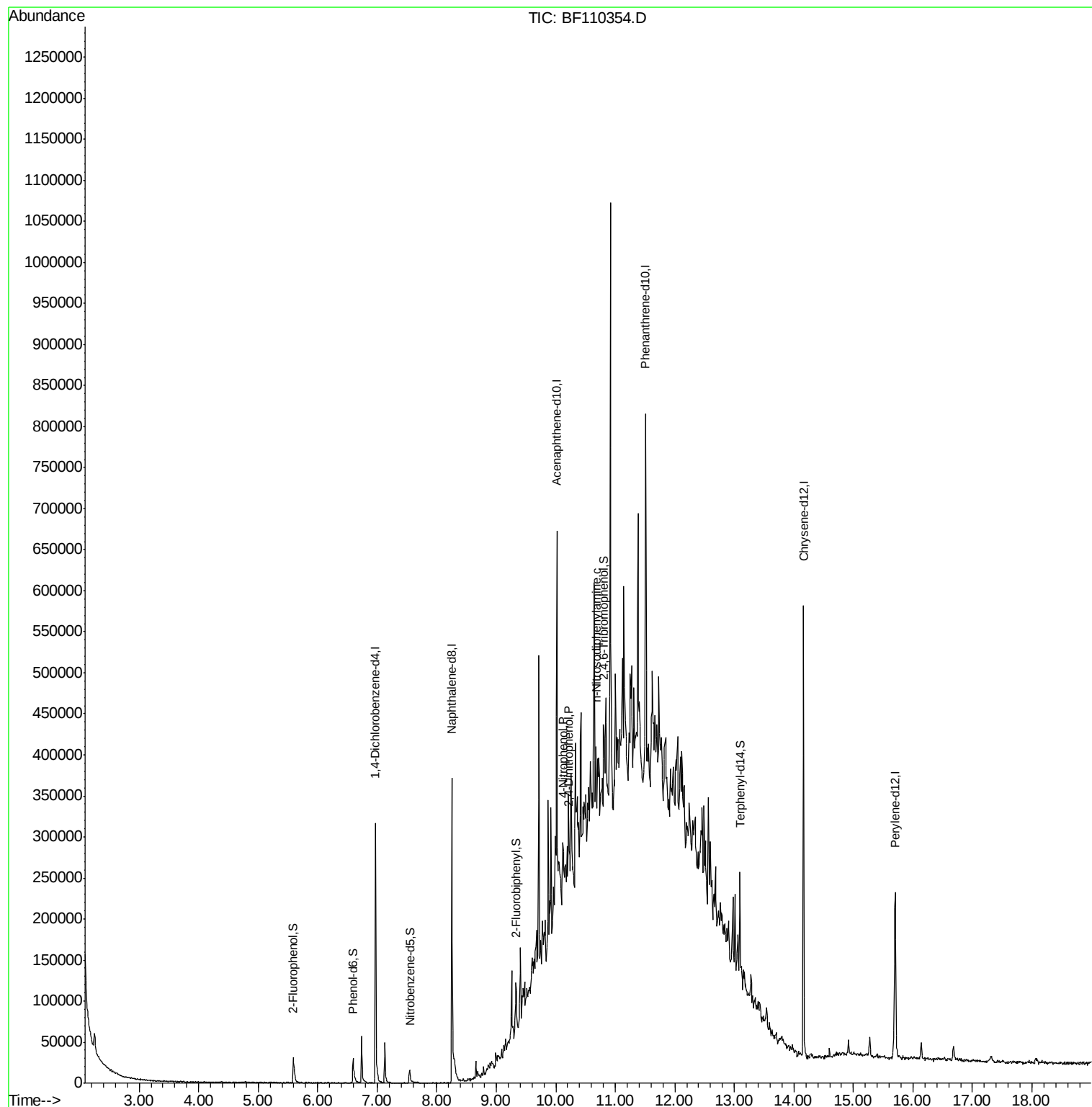
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	59885	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	224647	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	90703	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	170898	20.00	ng	0.00
76) Chrysene-d12	14.16	240	174210	20.00	ng	0.00
87) Perylene-d12	15.70	264	106322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	17261	4.69	ng	0.00
7) Phenol-d6	6.59	99	21332	4.54	ng	-0.01
23) Nitrobenzene-d5	7.55	82	10393	2.74	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	4250	4.73	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	26464	4.58	ng	0.00
79) Terphenyl-d14	13.09	244	30935	3.69	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	172	Below Cal	#	43
54) 2,4-Dinitrophenol	10.23	184	138	5.400 ng	#	1
56) 4-Nitrophenol	10.12	139	2616	2.061 ng	#	1
66) n-Nitrosodiphenylamine	10.67	169	24034	4.288 ng	#	44
77) Benzidine	12.85	184	462	Below Cal	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110354.D
Acq On : 1 Nov 2018 1:57
Operator : JU/SJ
Sample : J5630-05 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 04:54:49 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



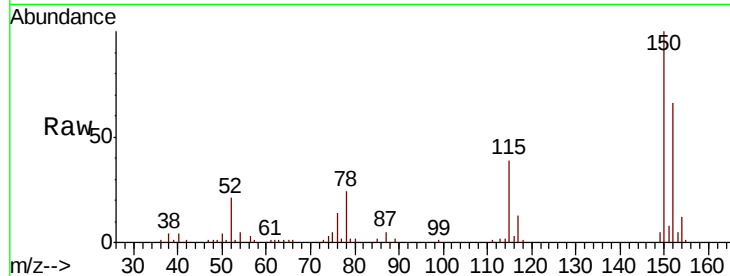


#1

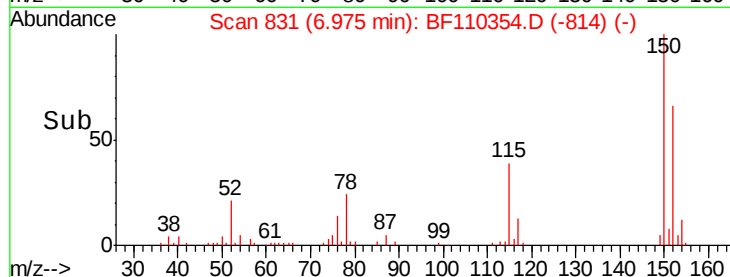
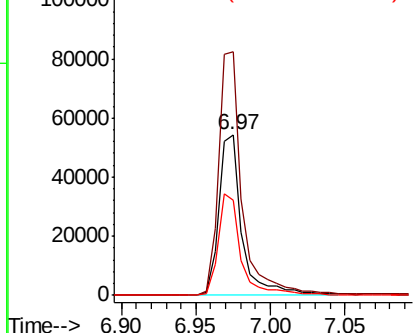
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59885
Ion Ratio Lower Upper
152 100
150 151.2 122.7 184.1
115 59.2 49.1 73.7



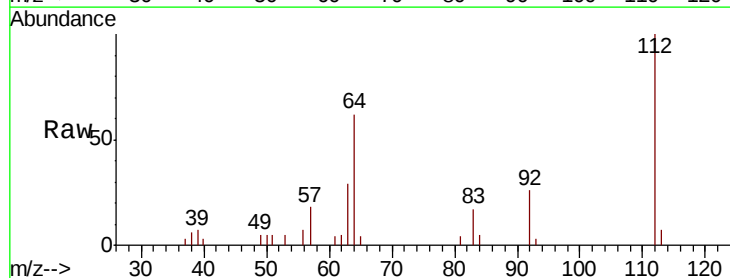
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



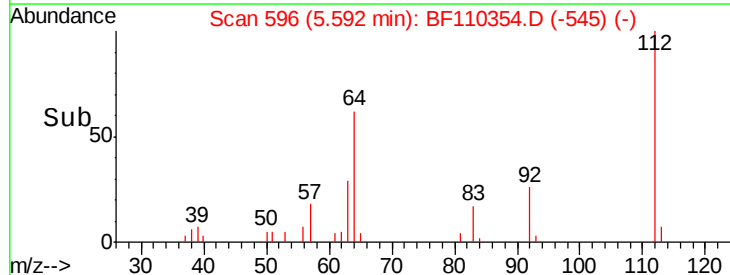
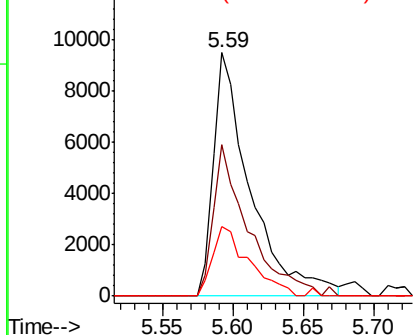
#5

2-Fluorophenol
Concen: 4.694 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Tgt Ion:112 Resp: 17261
Ion Ratio Lower Upper
112 100
64 62.1 44.1 66.1
63 28.7 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: 4.535 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Instrument :

BNA_F

ClientSampleId :

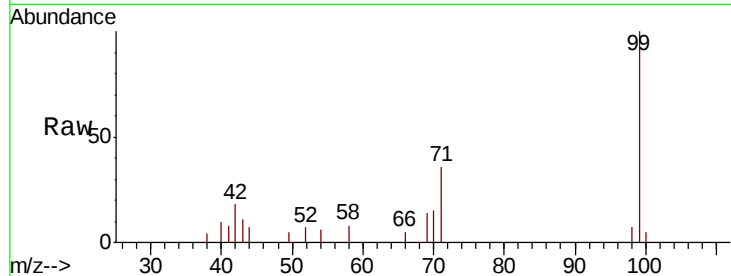
Tot Ion: 99 Resp: 21332

Ion Ratio Lower Upper

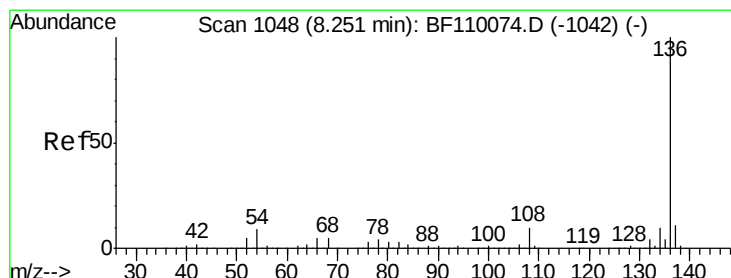
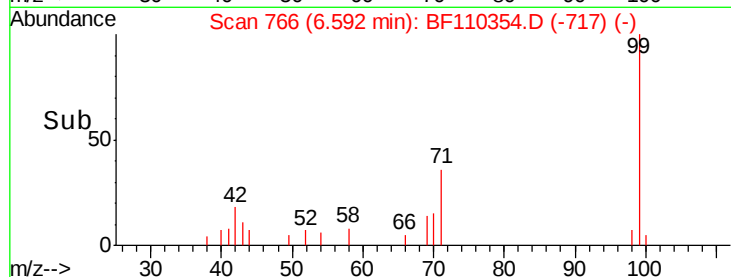
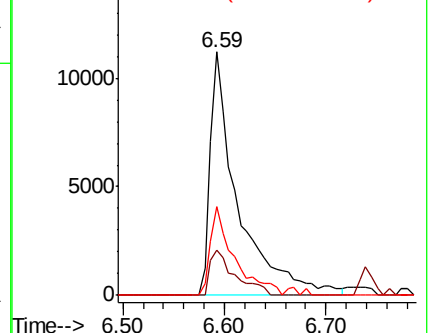
99 100

42 18.4 15.8 23.6

71 36.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110354.D

Acq: 1 Nov 2018 1:57

Tgt Ion: 136 Resp: 224647

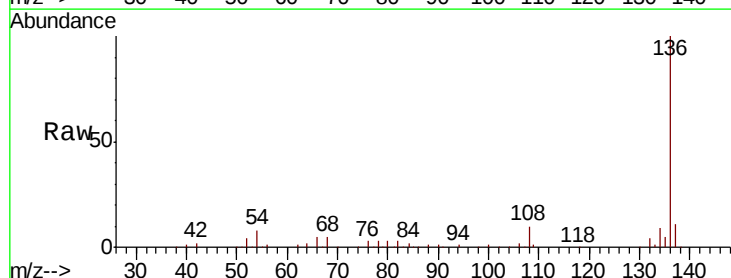
Ion Ratio Lower Upper

136 100

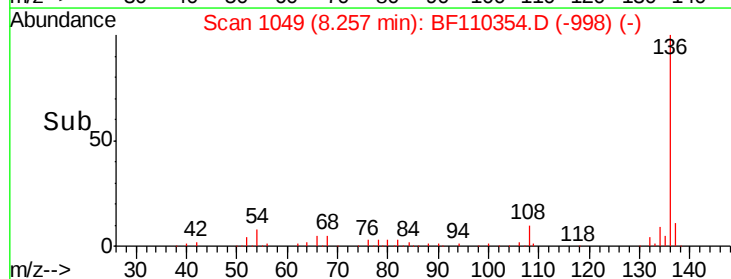
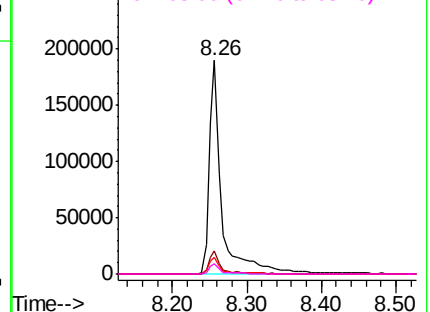
137 10.9 8.8 13.2

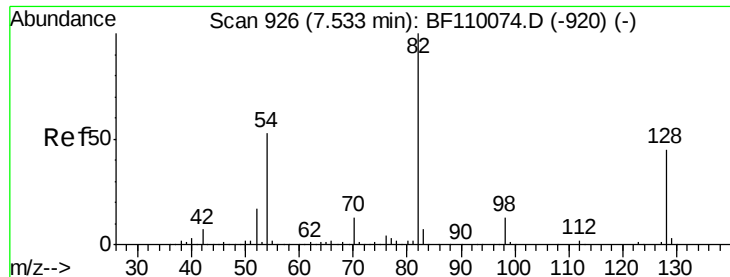
54 7.8 5.4 8.2

68 4.8 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

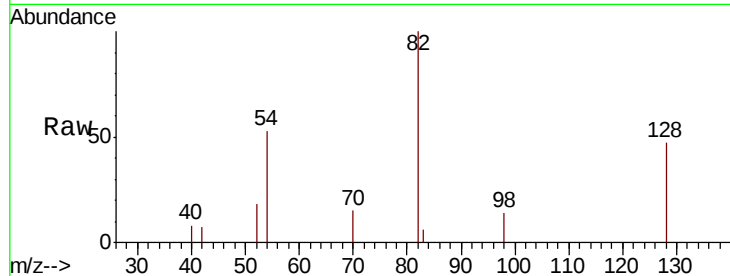




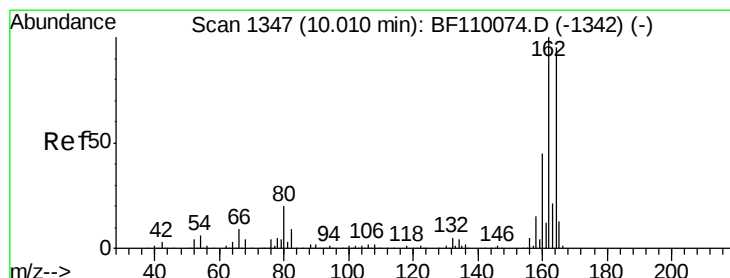
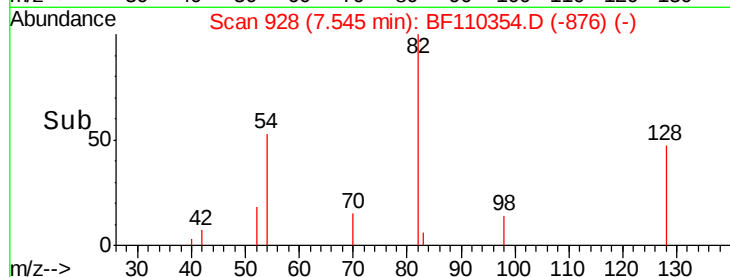
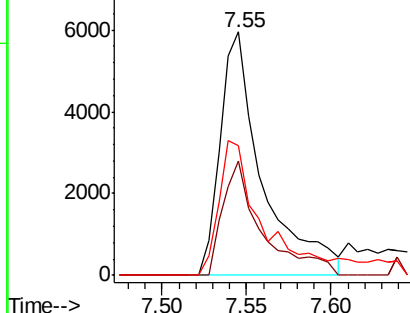
#23
Nitrobenzene-d5
Concen: 2.744 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 10393
Ion Ratio Lower Upper
82 100
128 46.7 34.2 51.2
54 53.0 38.6 58.0

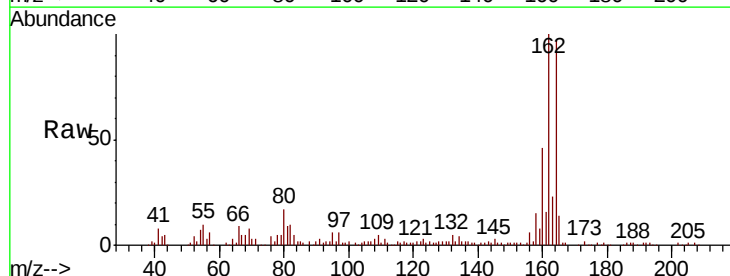


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

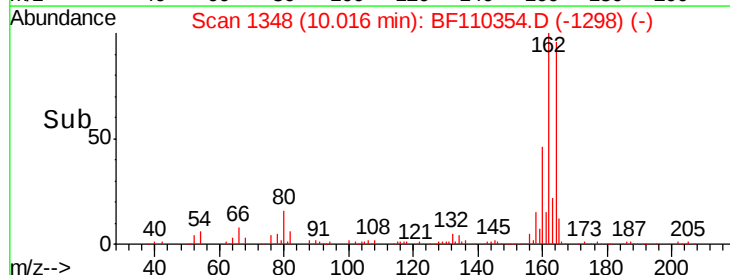
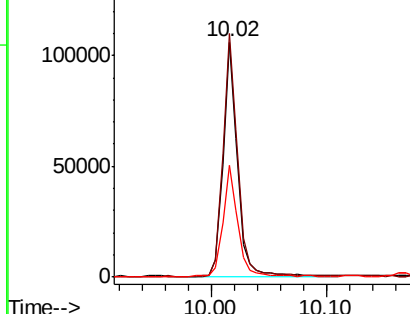


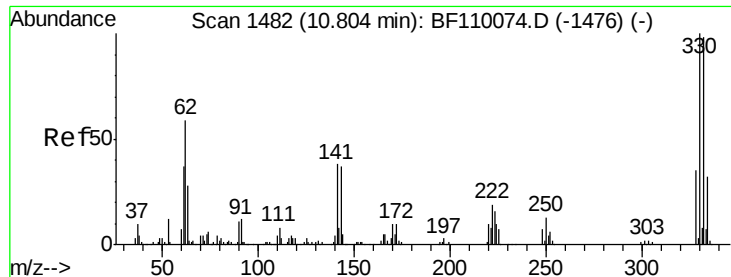
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Tgt Ion:164 Resp: 90703
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 47.4 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

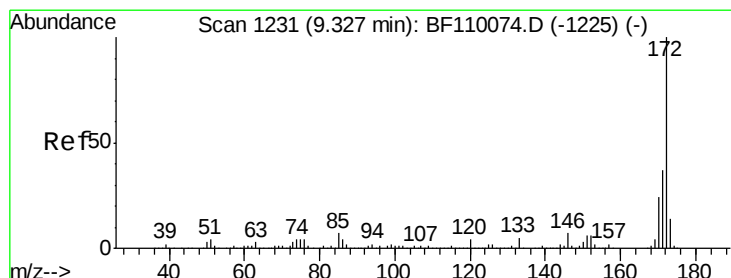
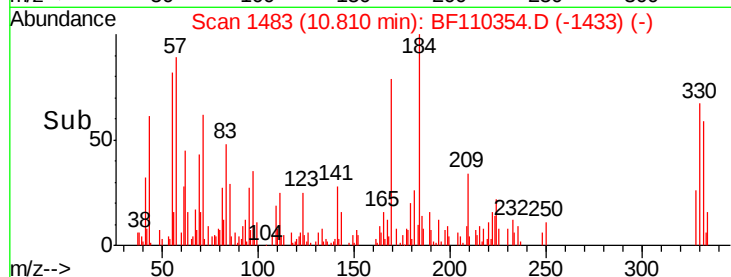
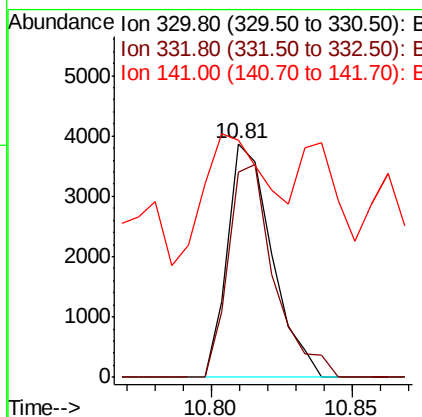
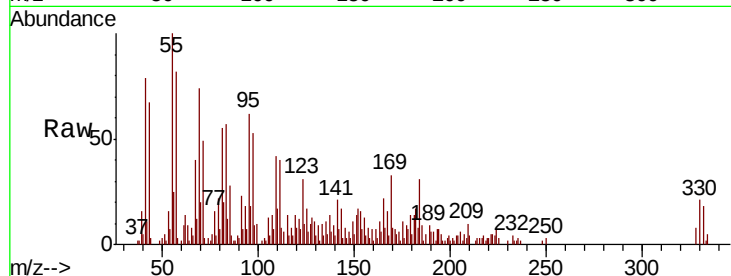




#42
 2,4,6-Tribromophenol
 Concen: 4.730 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

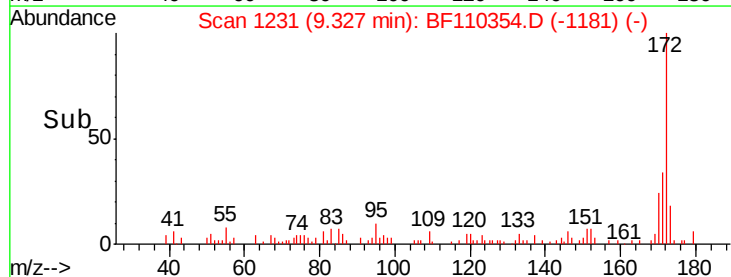
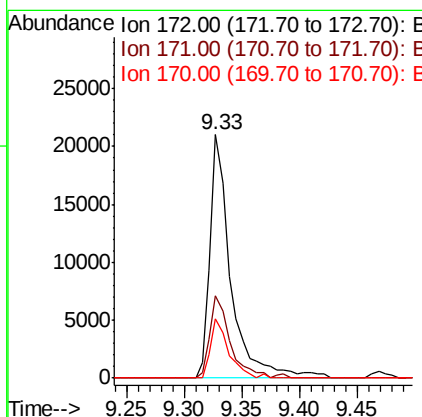
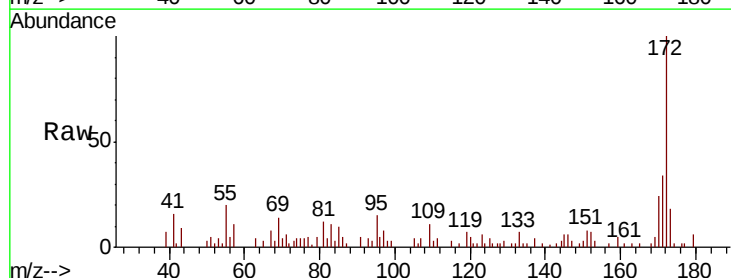
Instrument :
 BNA_F
 ClientSampled :

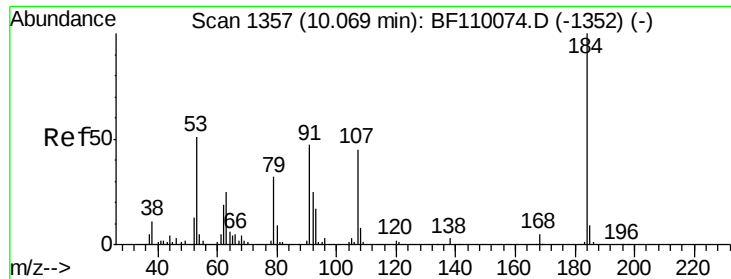
Tot Ion:330 Resp: 4250
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.1 115.7
 141 81.7 27.0 40.4#



#45
 2-Fluorobiphenyl
 Concen: 4.581 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

Tgt Ion:172 Resp: 26464
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 24.1 19.7 29.5

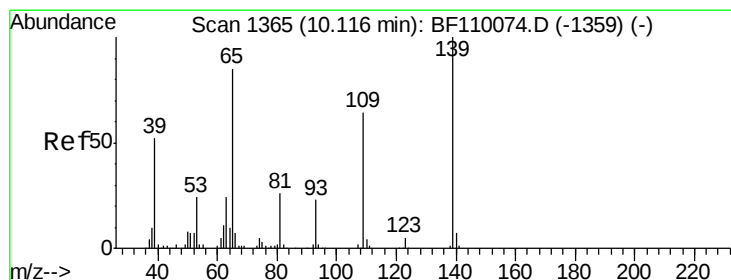
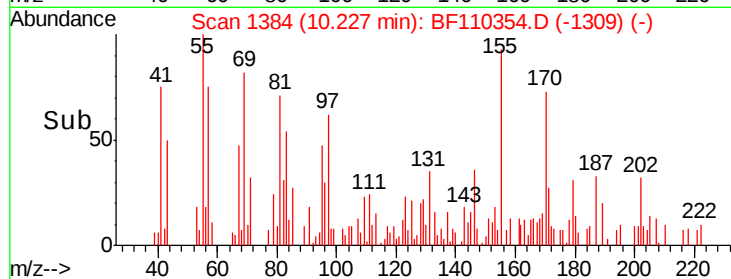
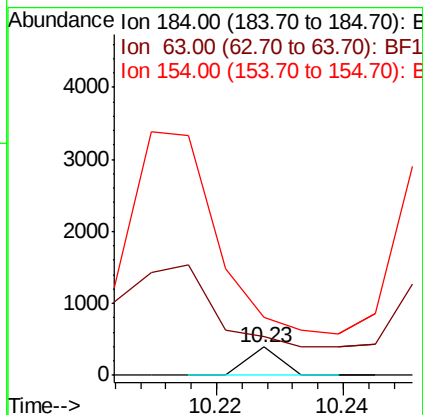
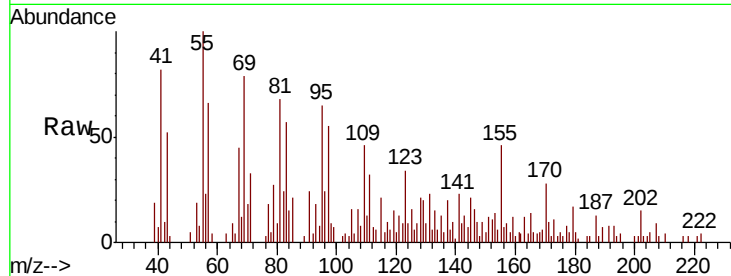




#54
 2,4-Dinitrophenol
 Concen: 5.400 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.14 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

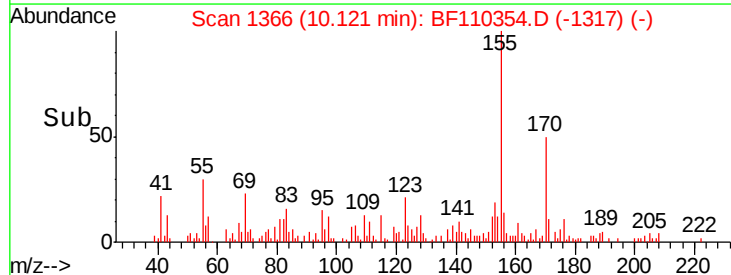
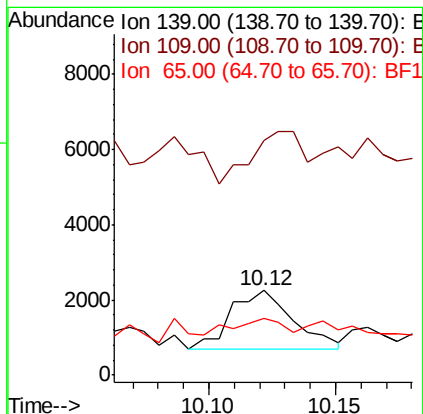
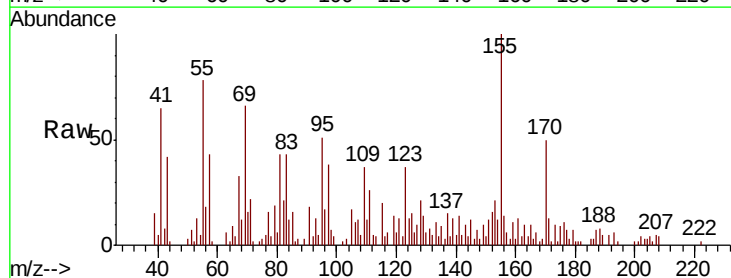
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 138
 Ion Ratio Lower Upper
 184 100
 63 138.6 55.8 83.6#
 154 206.9 63.2 94.8#



#56
 4-Nitrophenol
 Concen: 2.061 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF110354.D
 Acq: 1 Nov 2018 1:57

Tgt Ion:139 Resp: 2616
 Ion Ratio Lower Upper
 139 100
 109 277.9 55.8 95.8#
 65 67.1 77.9 117.9#

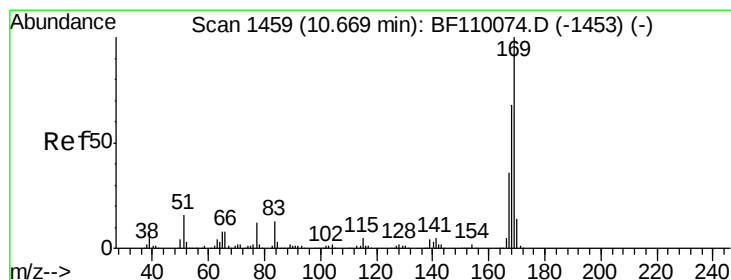
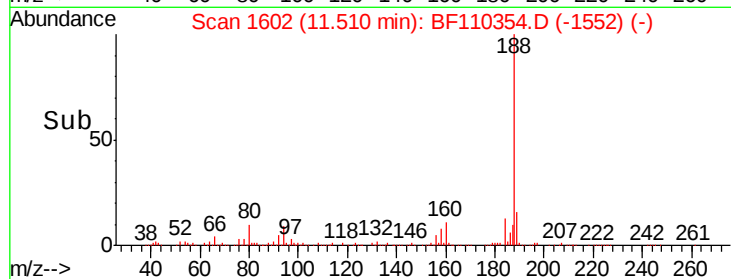
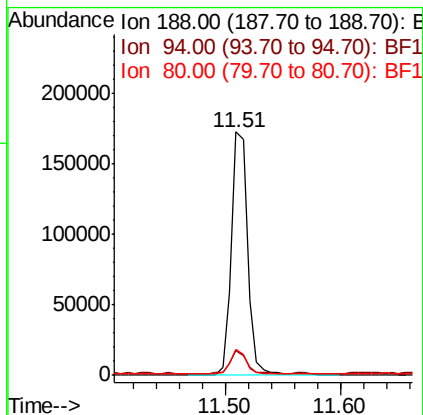
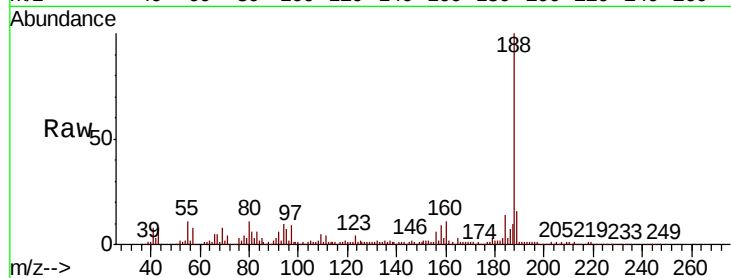




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

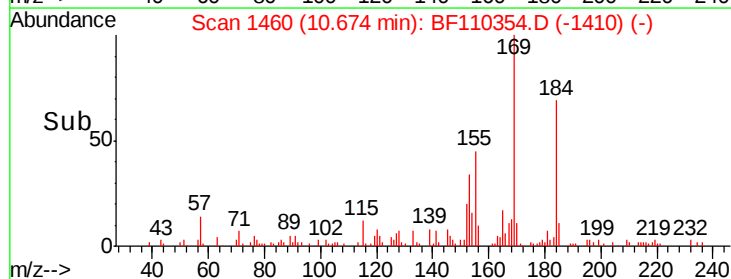
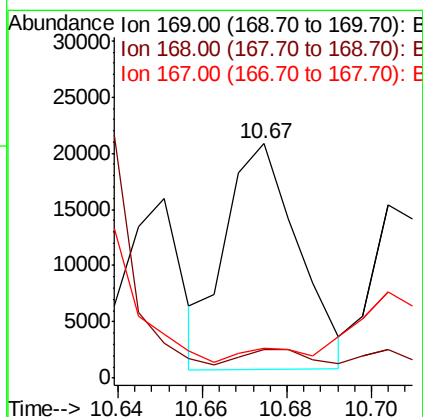
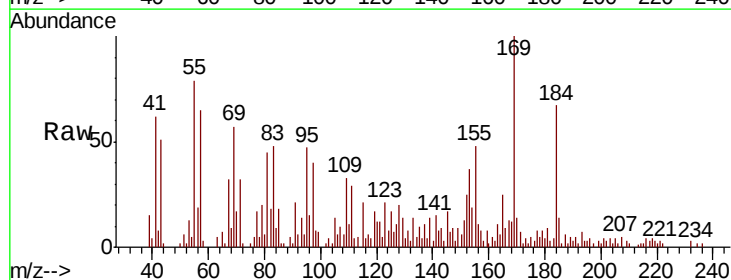
Instrument :
BNA_F
ClientSampleId :

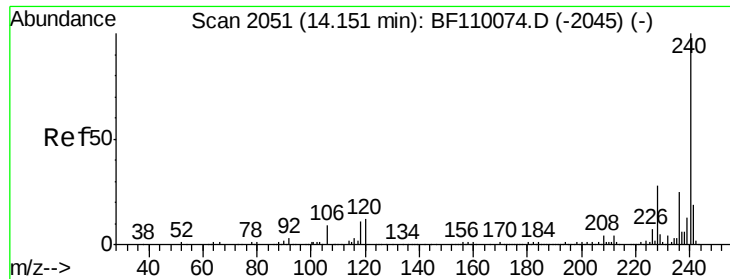
Tot Ion:188 Resp: 170898
Ion Ratio Lower Upper
188 100
94 10.3 7.2 10.8
80 10.7 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 4.288 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Tgt Ion:169 Resp: 24034
Ion Ratio Lower Upper
169 100
168 12.1 51.2 76.8#
167 12.8 27.8 41.6#

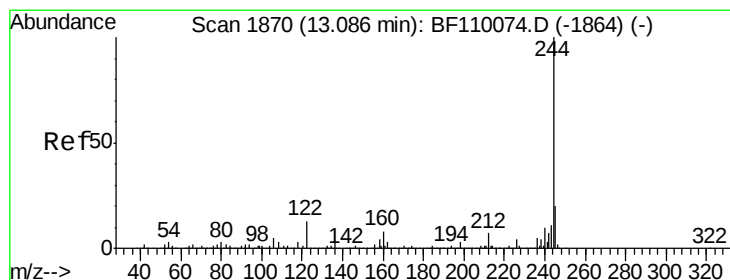
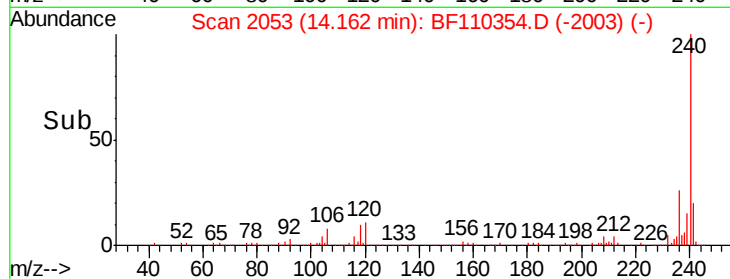
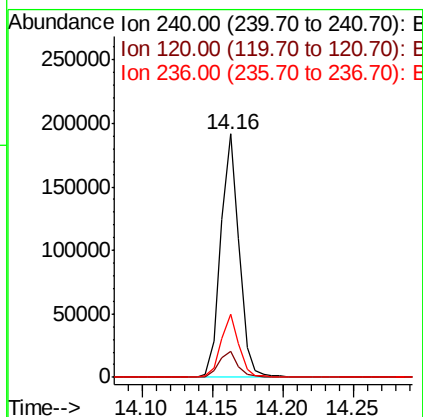
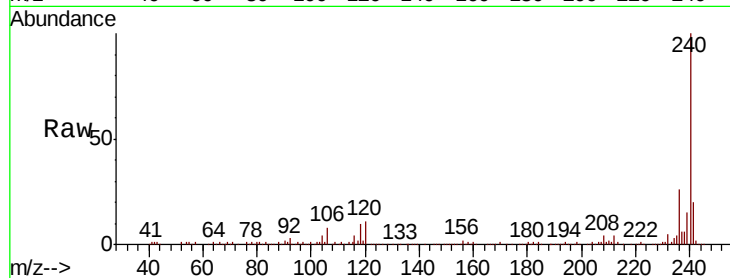




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

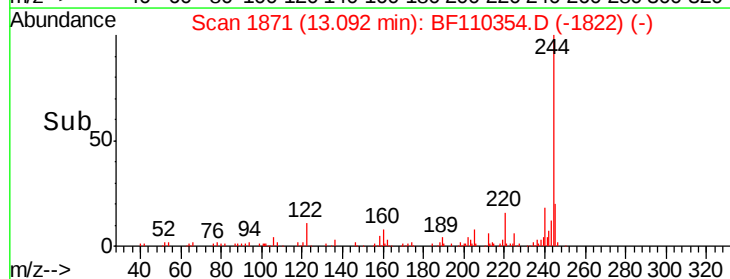
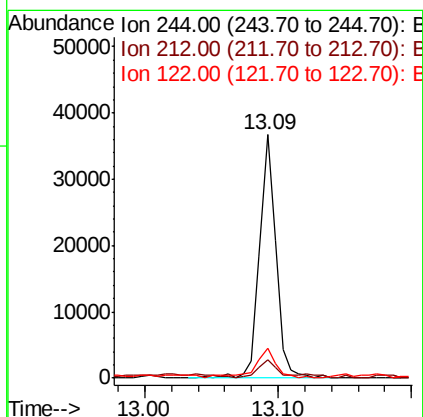
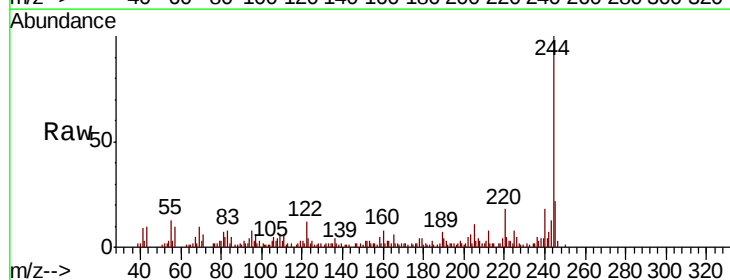
Instrument :
BNA_F
ClientSampled :

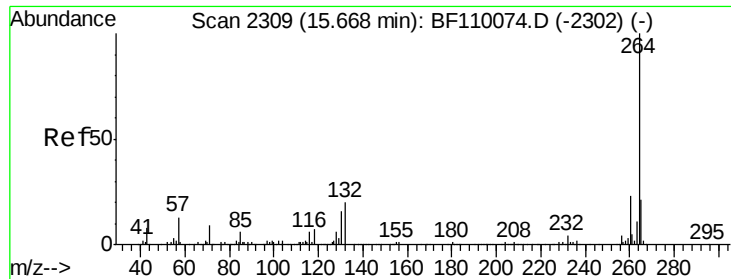
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.9	21.2	31.8



#79
Terphenyl-d14
Concen: 3.693 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110354.D
Acq: 1 Nov 2018 1:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	12.5	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: BF110354.D
 Acq: 1 Nov 2018 1:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	20.0	16.7	25.1

