

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110262.D
 Acq On : 29 Oct 2018 15:06
 Operator : JU/SJ
 Sample : J5649-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:04:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

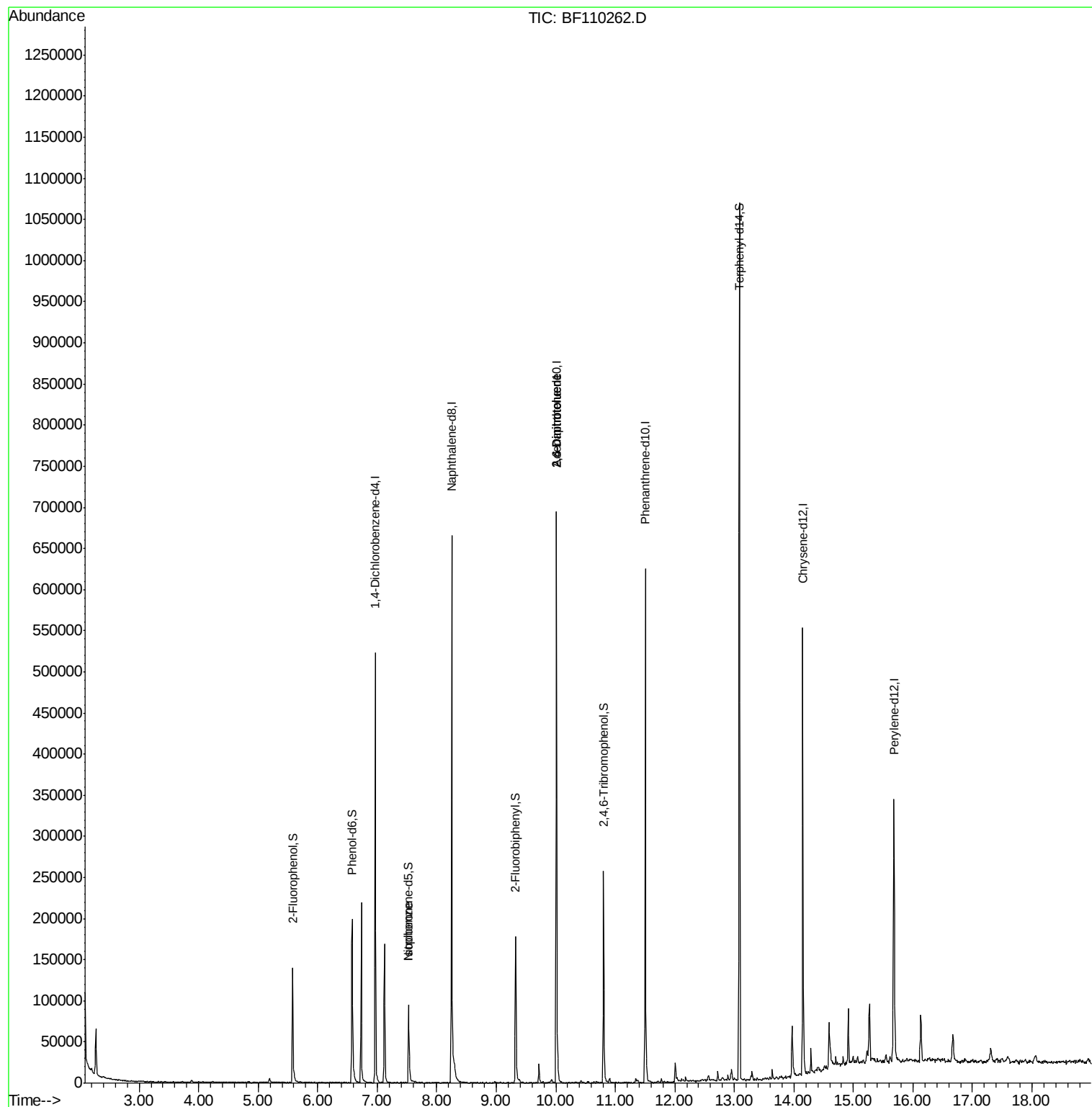
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	84047	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	350491	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	147395	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	227295	20.00	ng	0.00
76) Chrysene-d12	14.15	240	179332	20.00	ng	0.00
87) Perylene-d12	15.69	264	150312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	50078	9.70	ng	0.00
7) Phenol-d6	6.58	99	77388	11.72	ng	-0.01
23) Nitrobenzene-d5	7.53	82	40619	6.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	35338	24.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	83722	8.92	ng	0.00
79) Terphenyl-d14	13.09	244	316257	36.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	1179	Below Cal	Qvalue # 69	
25) Isophorone	7.53	82	40619	4.033 ng	# 67	
51) 2,6-Dinitrotoluene	10.01	165	18262	7.792 ng	# 21	
57) 2,4-Dinitrotoluene	10.01	165	18262	6.135 ng	# 17	
77) Benzidine	13.09	184	4204	Below Cal	95	

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

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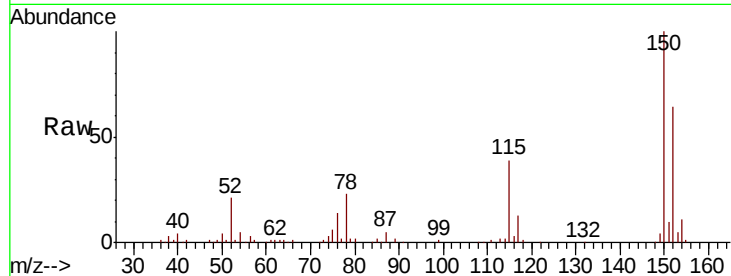


#1

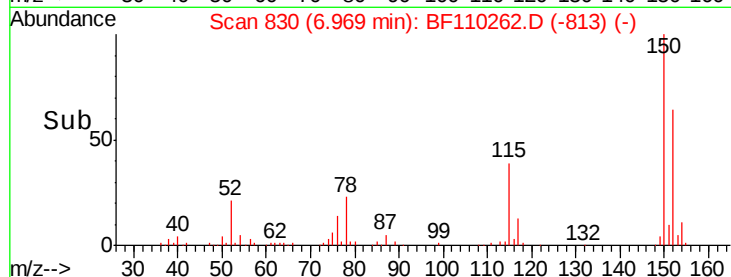
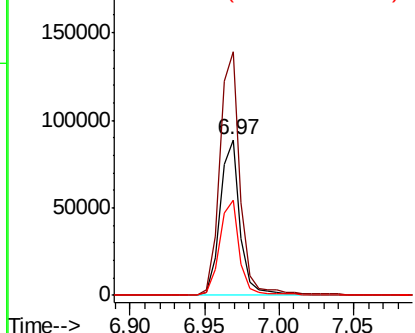
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84047
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.9 49.1 73.7



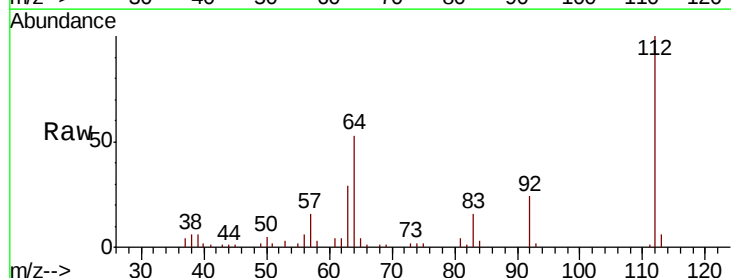
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



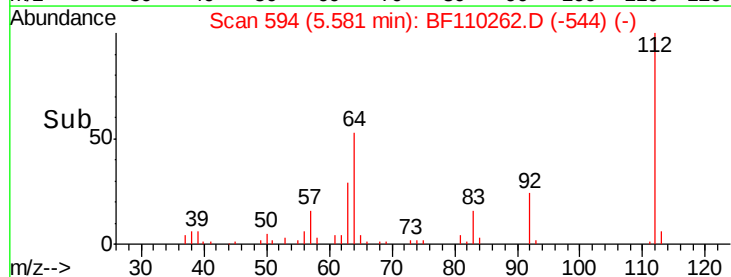
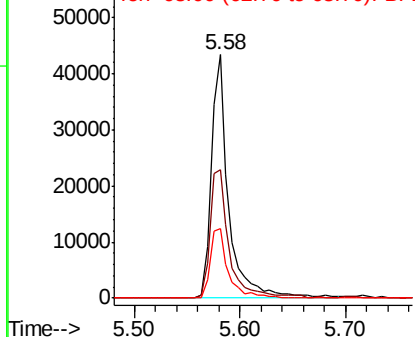
#5

2-Fluorophenol
Concen: 9.703 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Tgt Ion:112 Resp: 50078
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.8 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: 11.723 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Instrument :

BNA_F

ClientSampled :

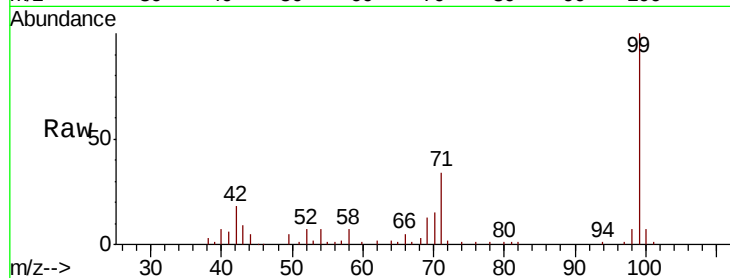
Tot Ion: 99 Resp: 77388

Ion Ratio Lower Upper

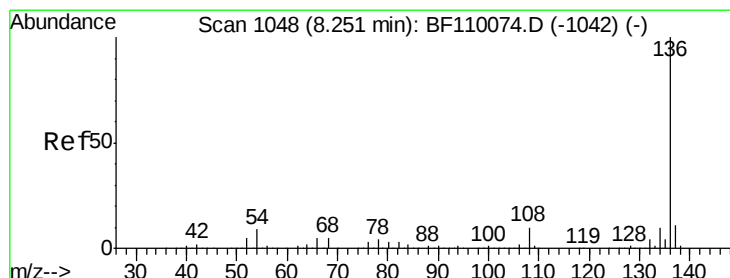
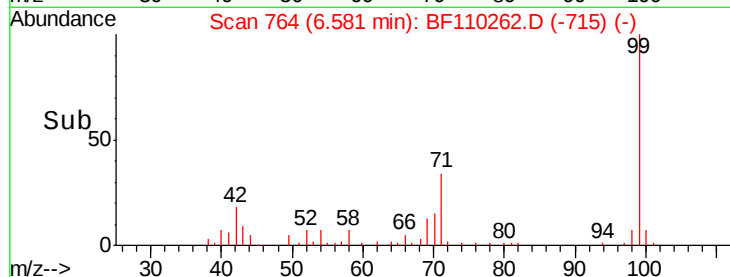
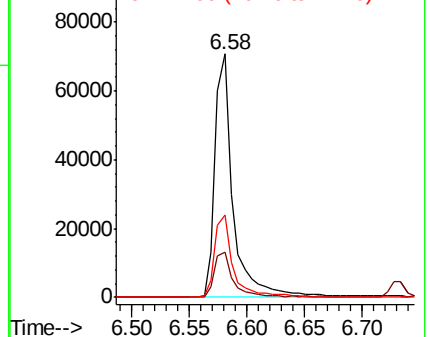
99 100

42 18.3 15.8 23.6

71 34.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Tgt Ion: 136 Resp: 350491

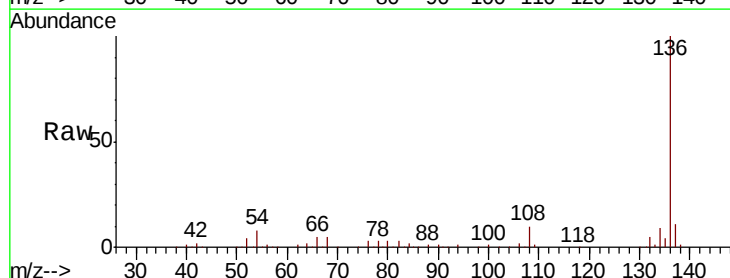
Ion Ratio Lower Upper

136 100

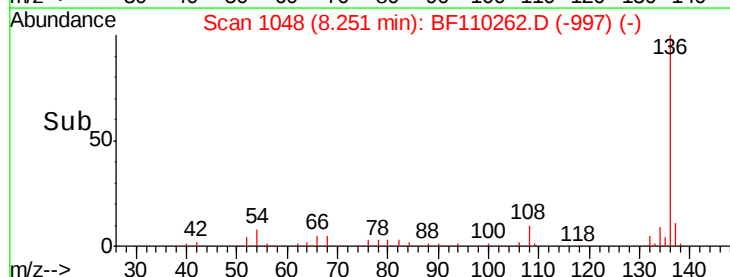
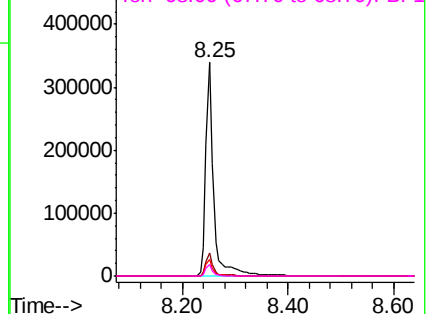
137 11.0 8.8 13.2

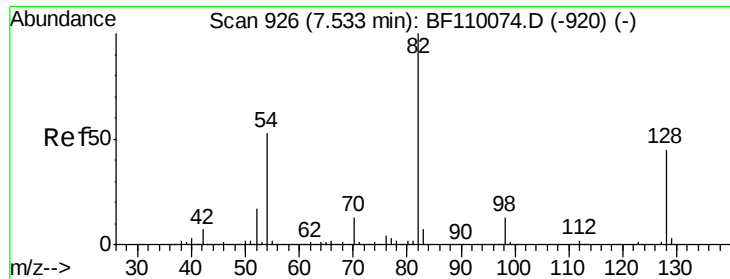
54 7.5 5.4 8.2

68 5.2 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

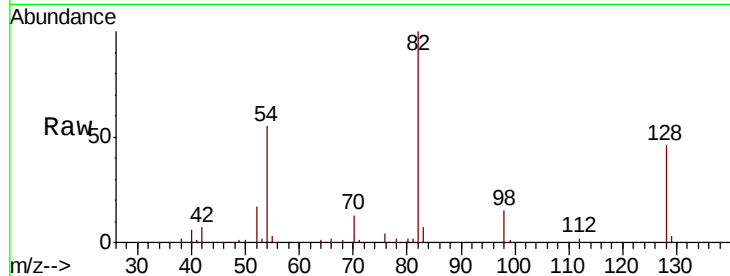




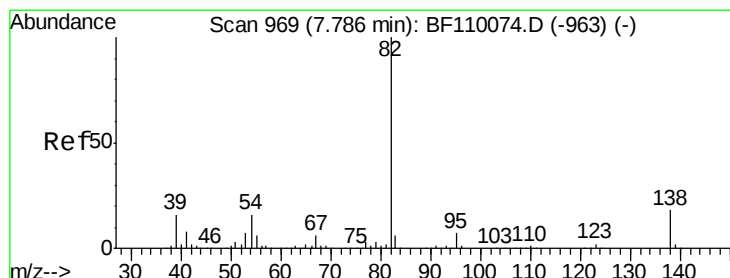
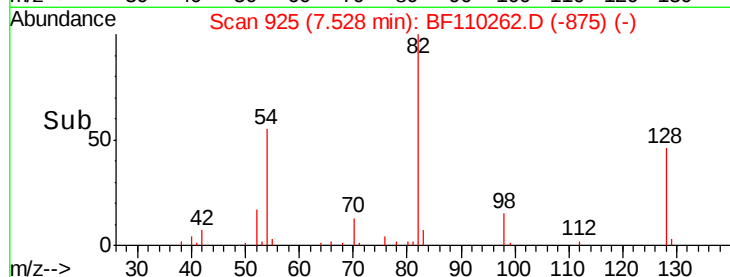
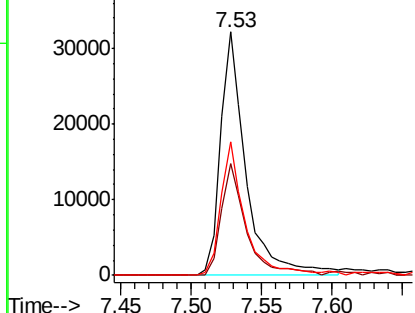
#23
 Nitrobenzene-d5
 Concen: 6.874 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	40619
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.2	51.2
54	54.7	38.6	58.0

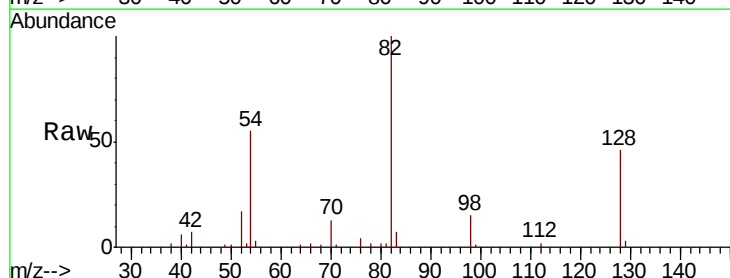


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

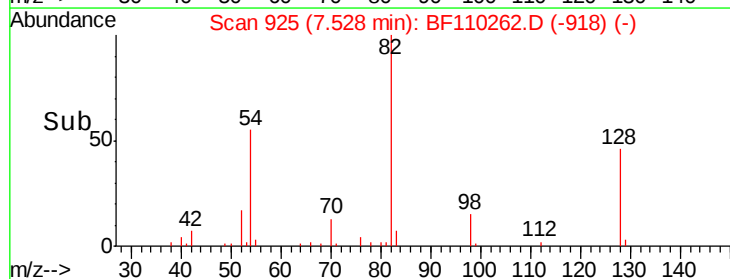
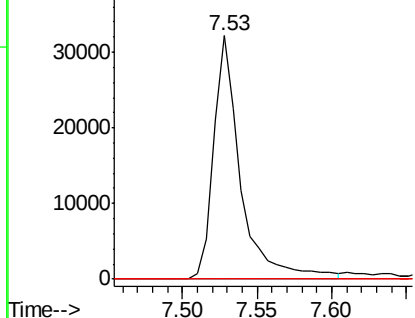


#25
 Isophorone
 Concen: 4.033 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Tgt Ion	82	Resp	40619
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: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Instrument :

BNA_F

ClientSampleId :

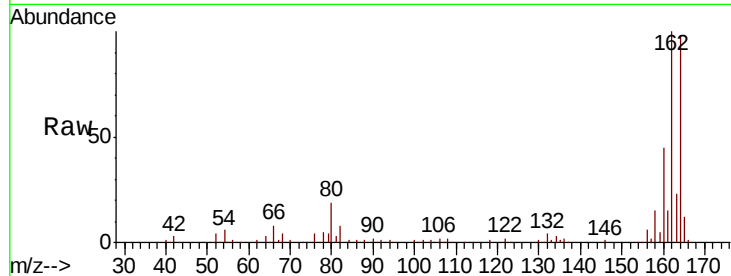
Tot Ion:164 Resp: 147395

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

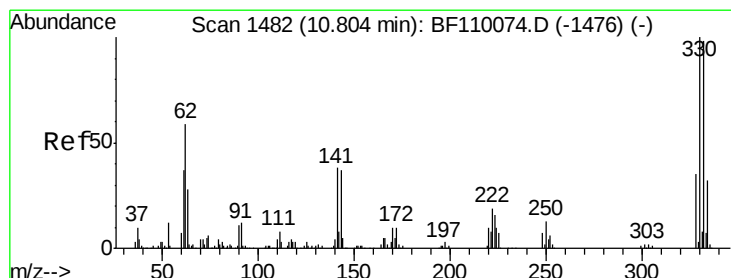
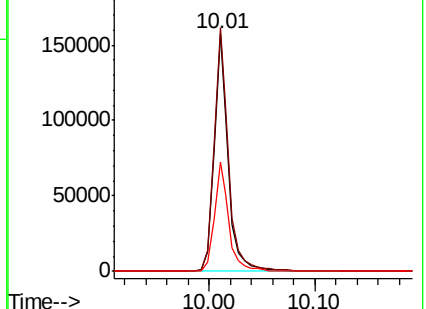
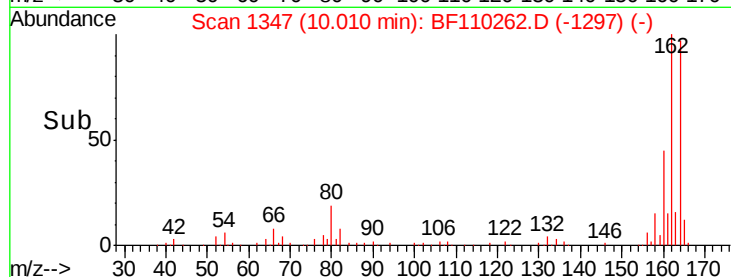
160 46.2 37.0 55.6



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: 24.203 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

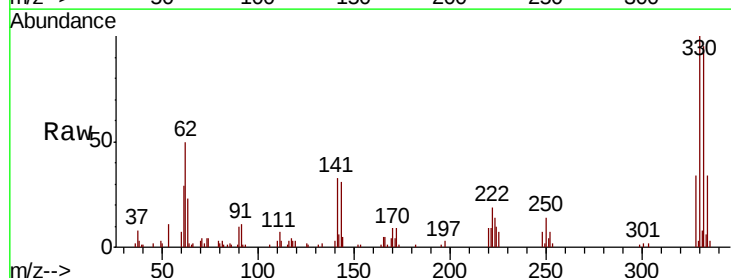
Tgt Ion:330 Resp: 35338

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

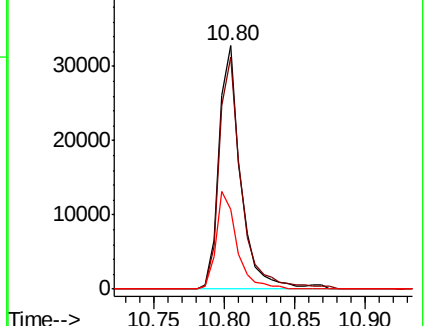
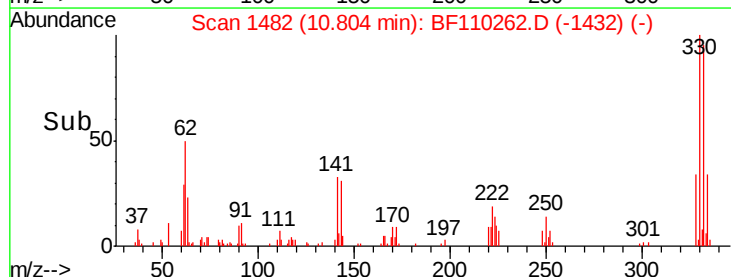
141 37.9 27.0 40.4

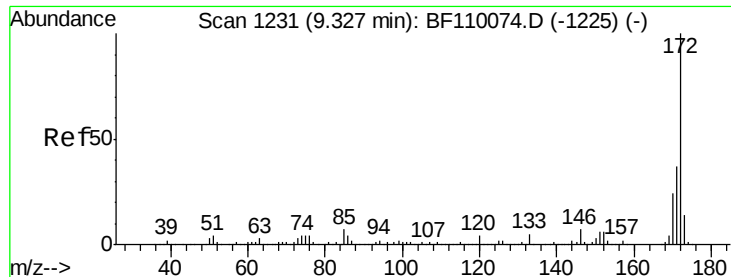


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

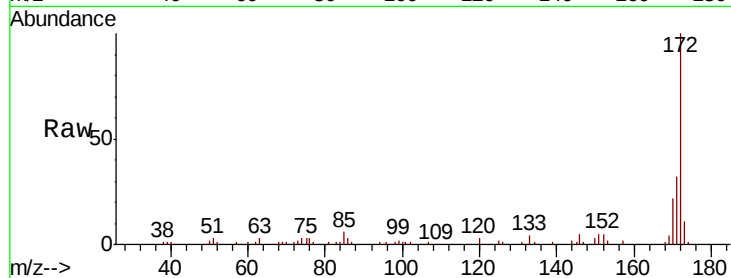




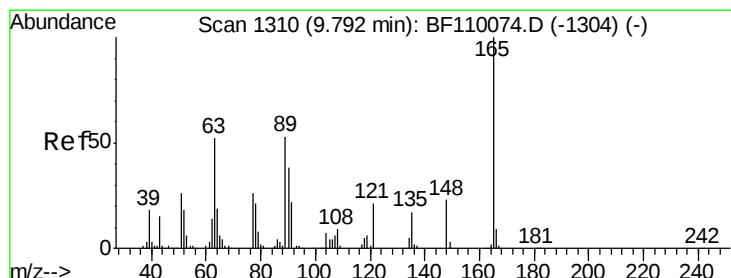
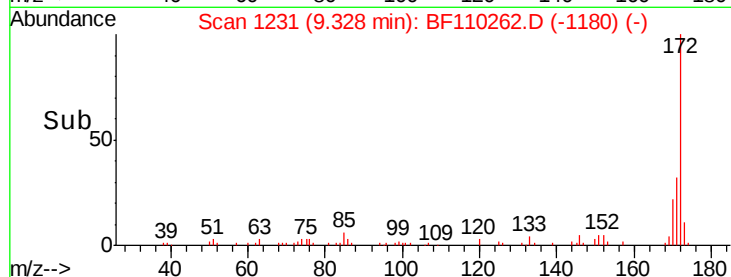
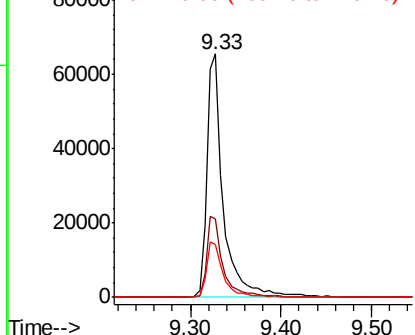
#45
 2-Fluorobiphenyl
 Concen: 8.919 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 83722
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.6 43.0
 170 21.8 19.7 29.5

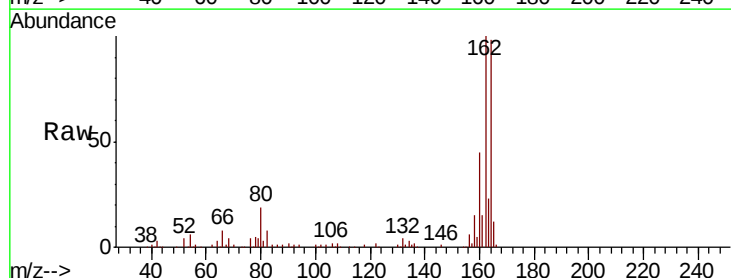


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

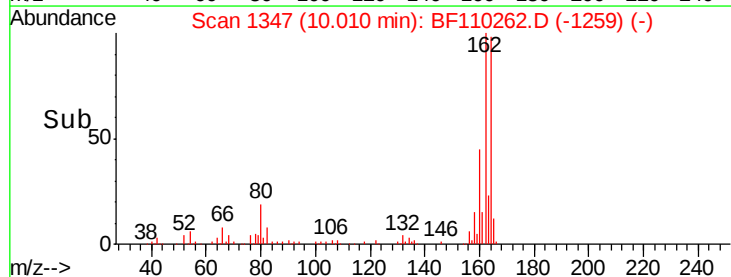
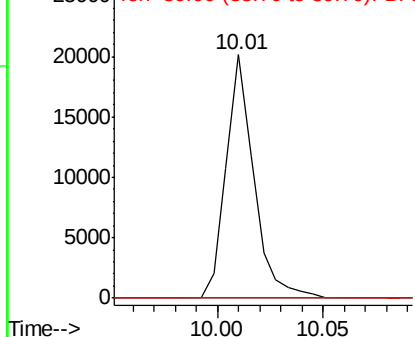


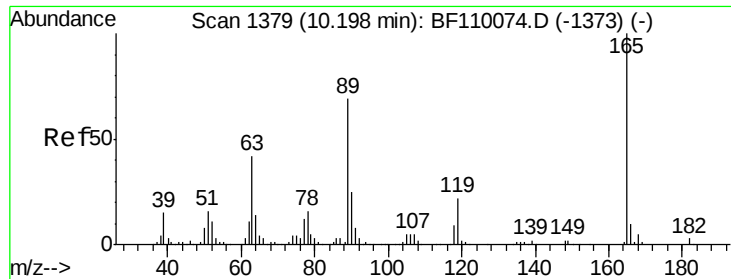
#51
 2,6-Dinitrotoluene
 Concen: 7.792 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Tgt Ion:165 Resp: 18262
 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

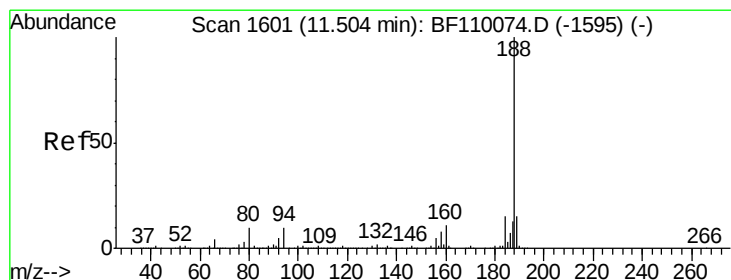
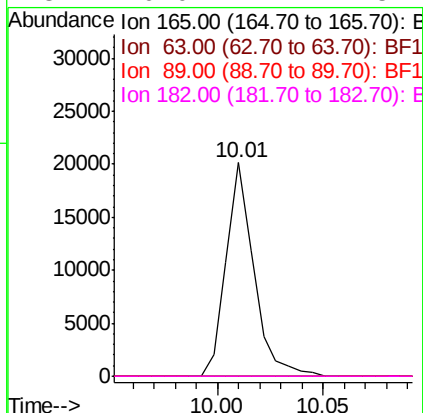
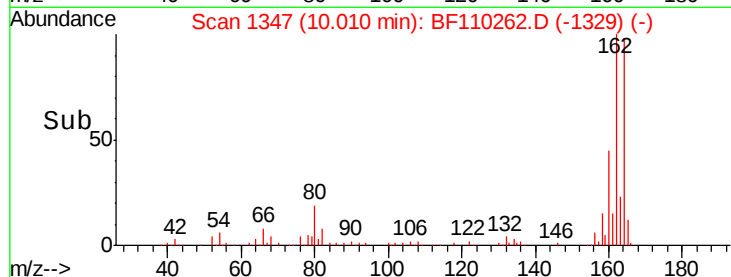
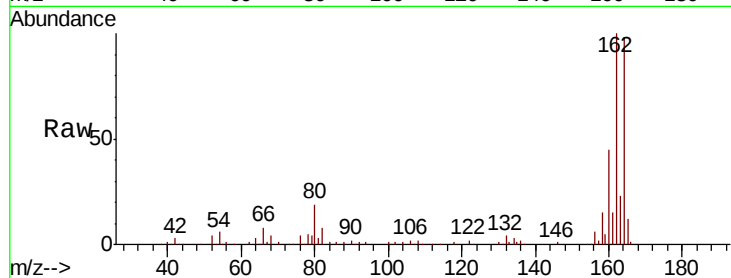




#57
 2,4-Dinitrotoluene
 Concen: 6.135 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

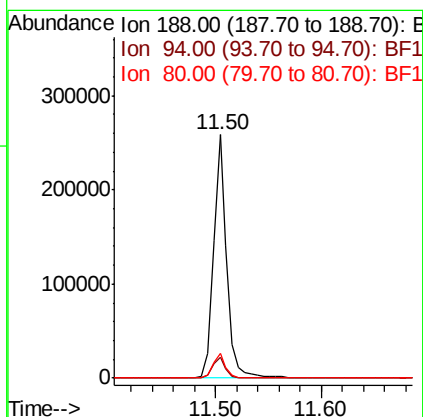
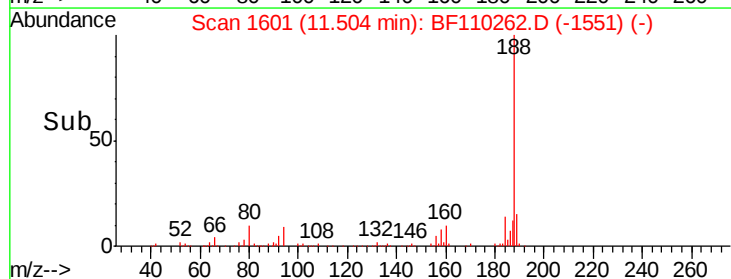
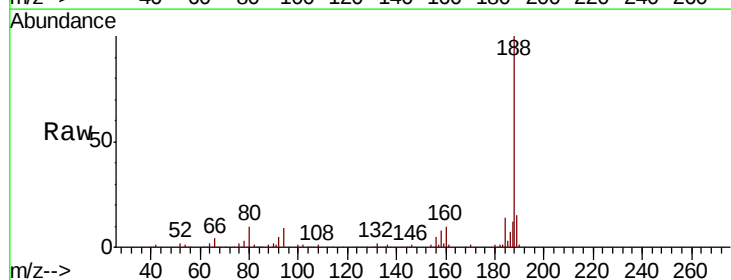
Instrument :
 BNA_F
 ClientSampleId :

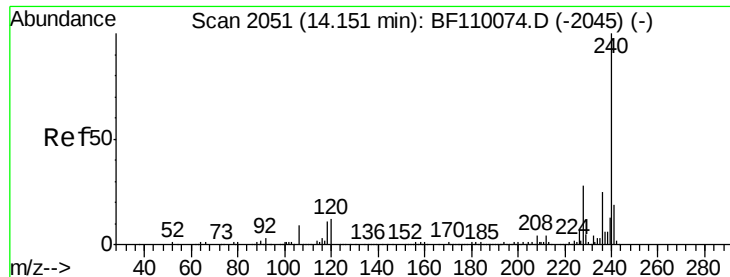
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.9	7.9	11.9

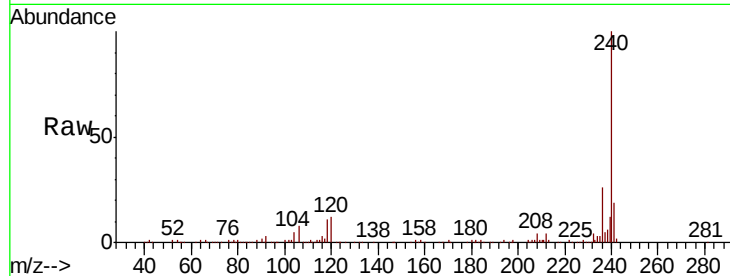




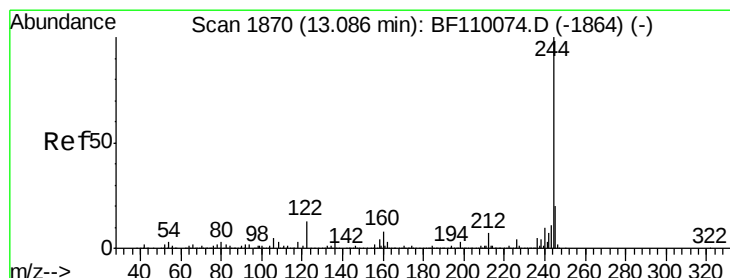
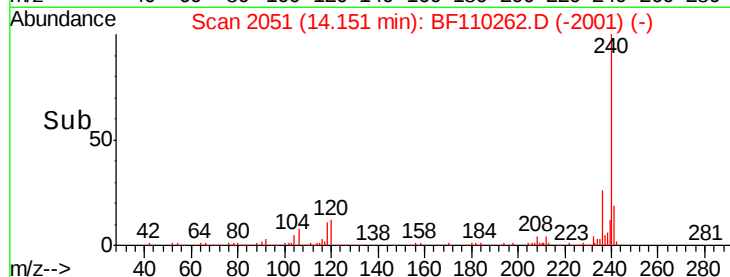
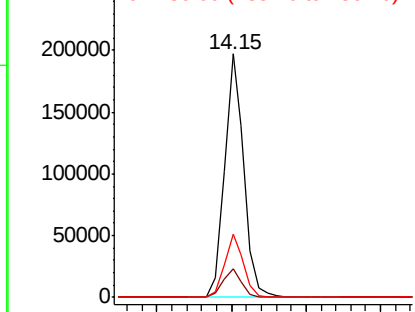
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 179332
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.9 21.2 31.8

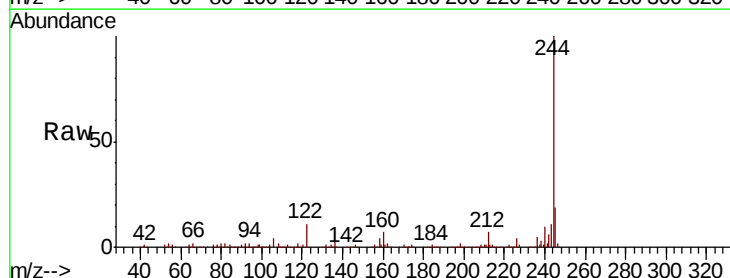


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

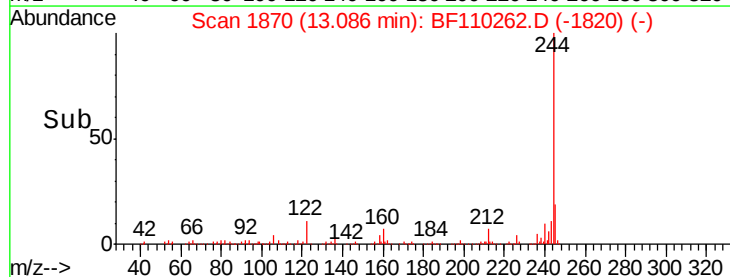
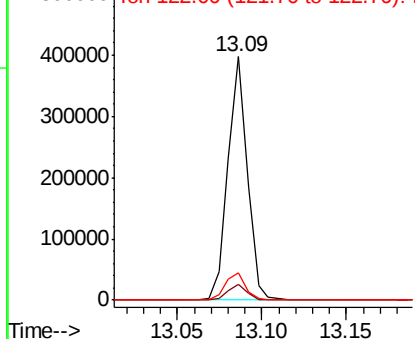


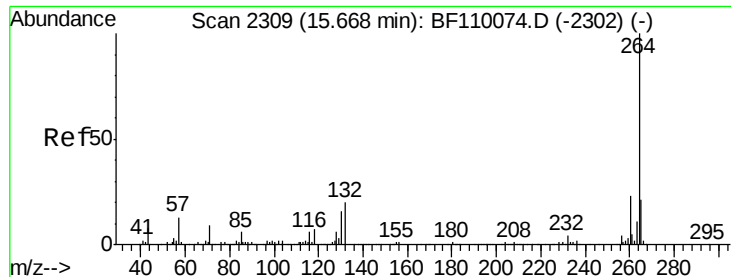
#79
Terphenyl-d14
Concen: 36.676 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Tgt Ion:244 Resp: 316257
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.3 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.4	16.7	25.1

