

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110814.D
 Acq On : 16 Nov 2018 13:39
 Operator : JU/SJ
 Sample : J5939-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 14:12:58 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

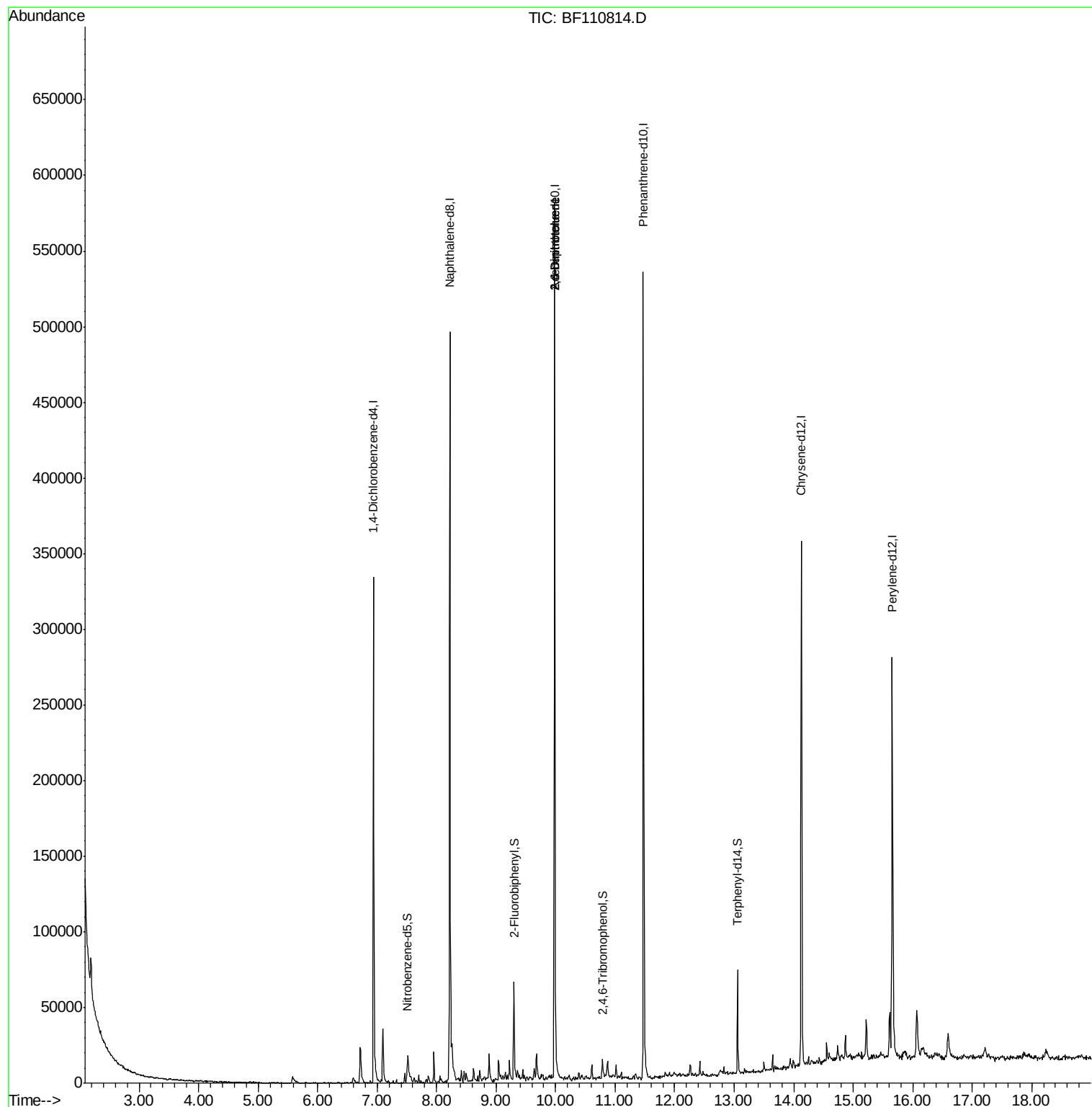
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58735	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	259555	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	125796	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	242342	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	141217	20.00	ng	-0.01
87) Perylene-d12	15.66	264	146748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	4596	1.27	ng	0.02
7) Phenol-d6	6.59	99	4006	0.87	ng	0.02
23) Nitrobenzene-d5	7.52	82	14558	3.23	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	2573	2.03	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	29536	3.35	ng	0.00
79) Terphenyl-d14	13.06	244	25147	3.33	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.98	165	15446	7.480	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	15446	5.753	ng	# 17

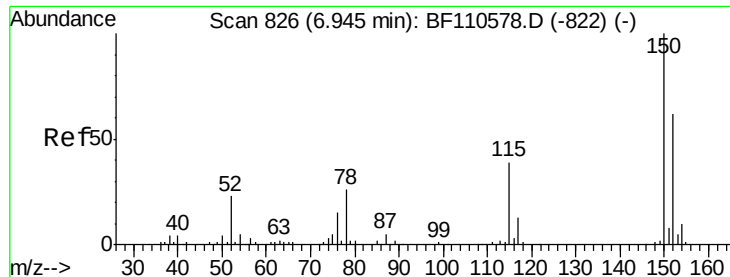
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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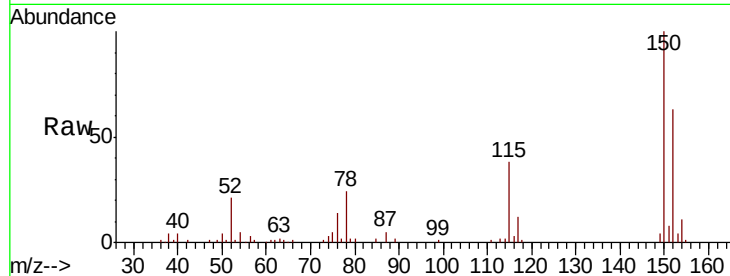


#1

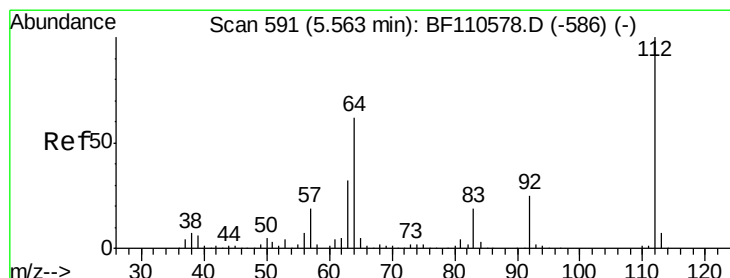
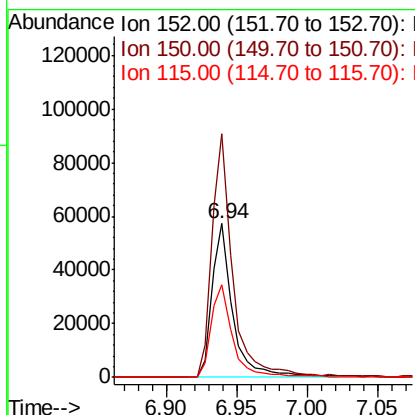
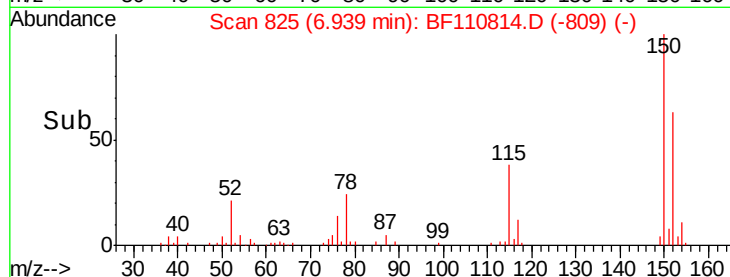
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58735
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 60.0 49.1 73.7



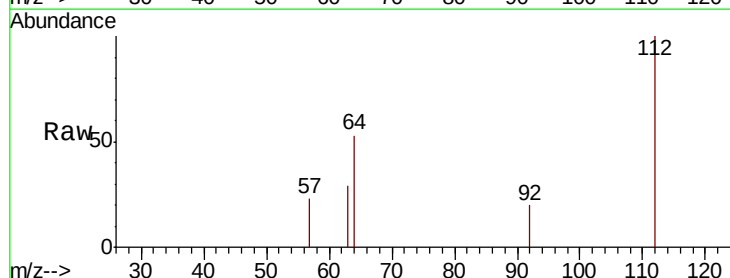
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



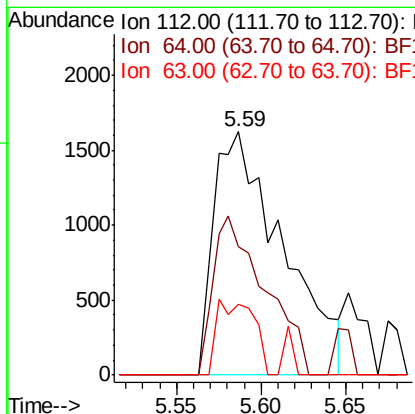
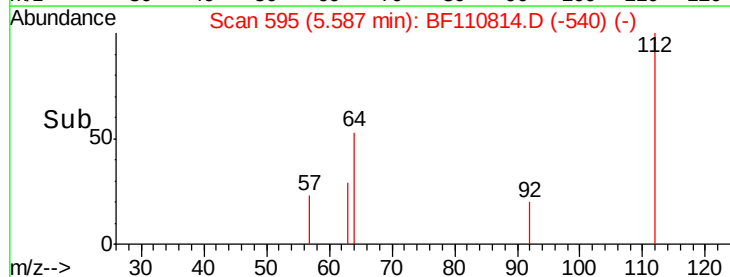
#5

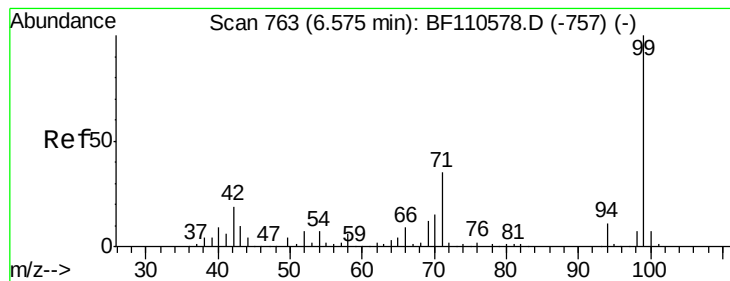
2-Fluorophenol
Concen: 1.271 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.02 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Tgt Ion:112 Resp: 4596
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 28.9 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: 0.866 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110814.D

Acq: 16 Nov 2018 13:39

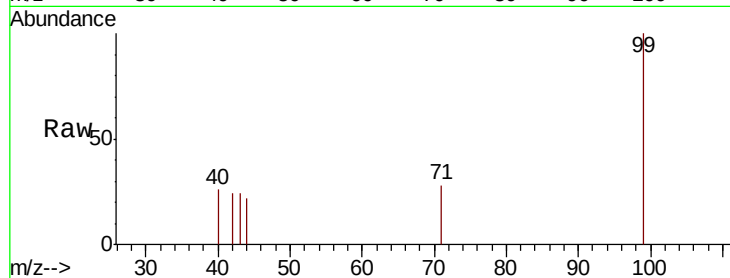
Instrument :

BNA_F

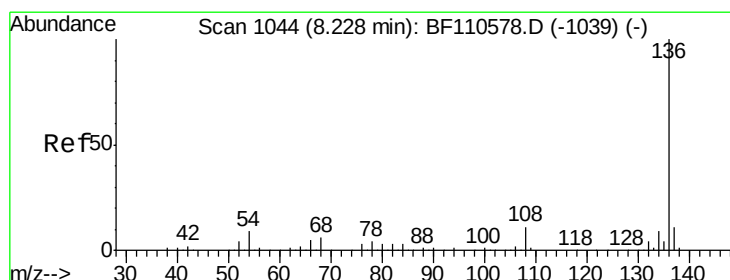
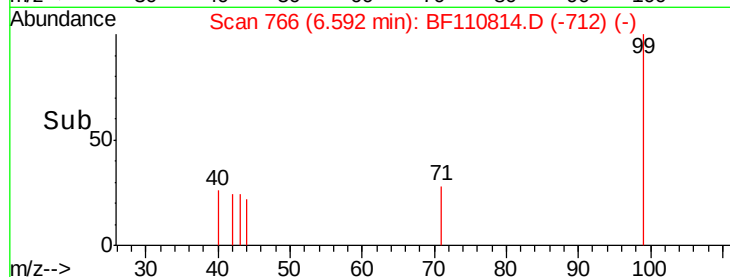
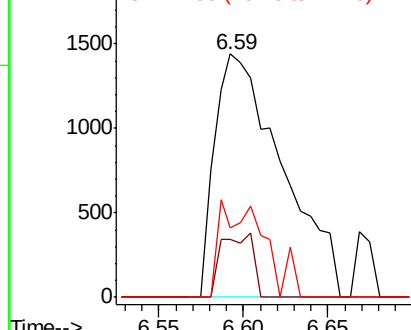
ClientSampleId :

Tot Ion: 99 Resp: 4006

Ion	Ratio	Lower	Upper
99	100		
42	23.7	15.8	23.6#
71	28.4	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: 8.22 min Scan# 1043

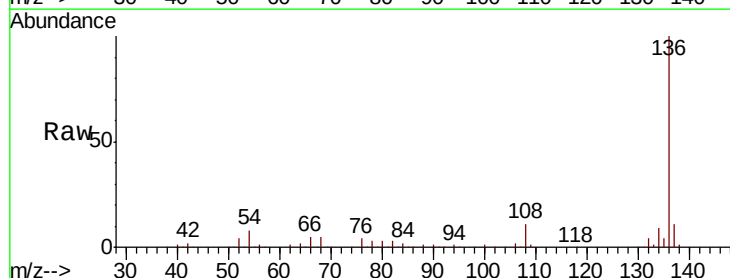
Delta R.T. -0.01 min

Lab File: BF110814.D

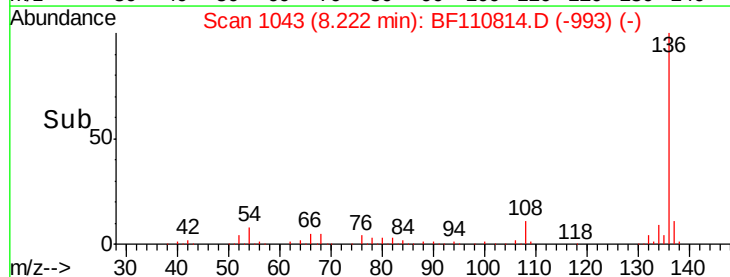
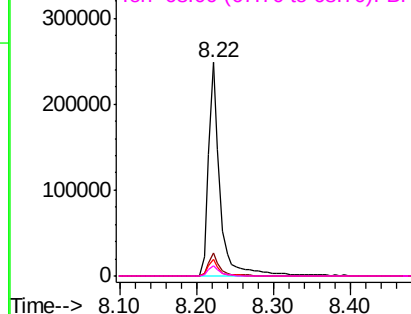
Acq: 16 Nov 2018 13:39

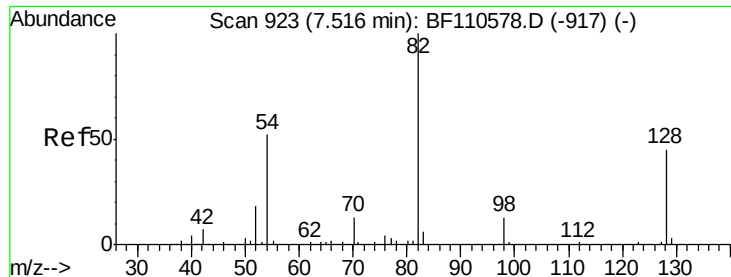
Tgt Ion: 136 Resp: 259555

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.4	8.2
68	4.9	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

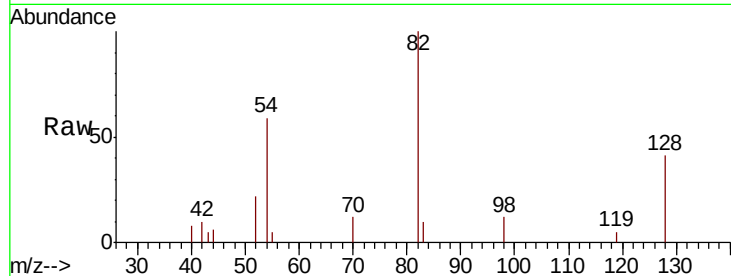




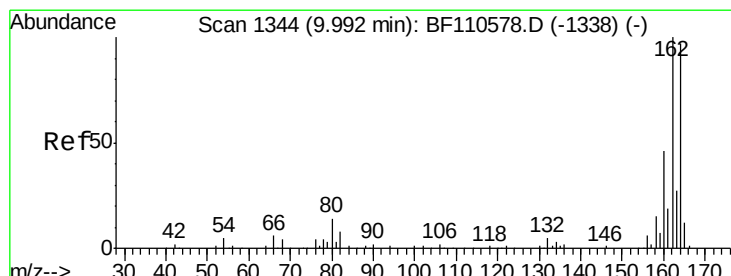
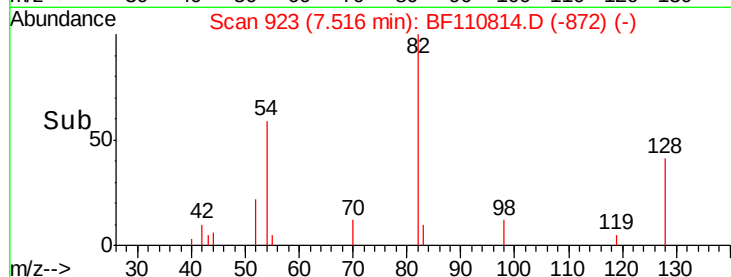
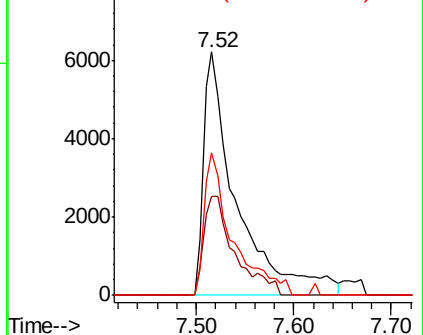
#23
Nitrobenzene-d5
Concen: 3.230 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	14558
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.2	51.2
54	58.5	38.6	58.0#

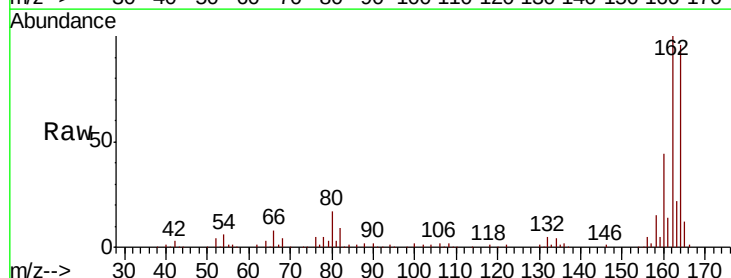


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

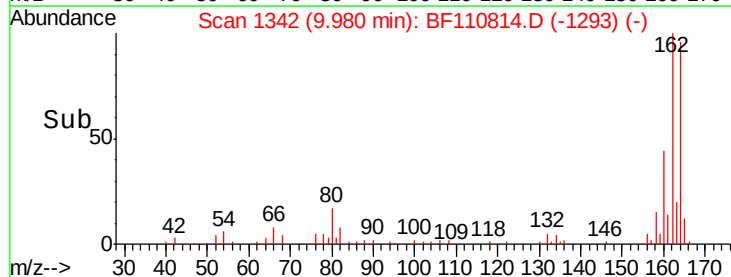
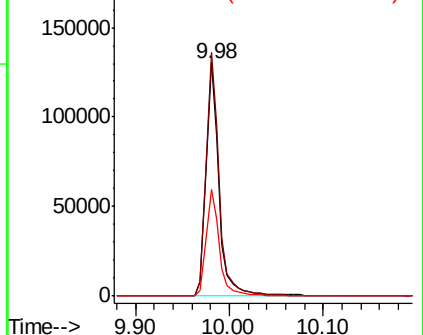


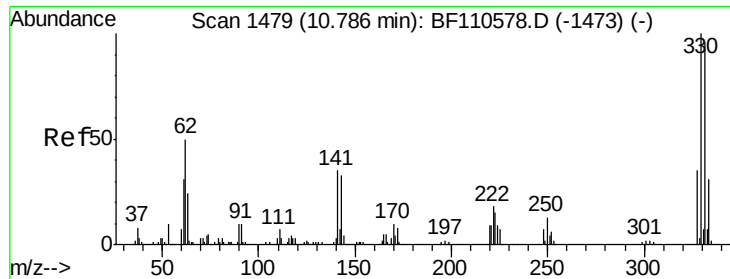
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Tgt Ion	164	Resp	125796
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.6
160	45.9	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

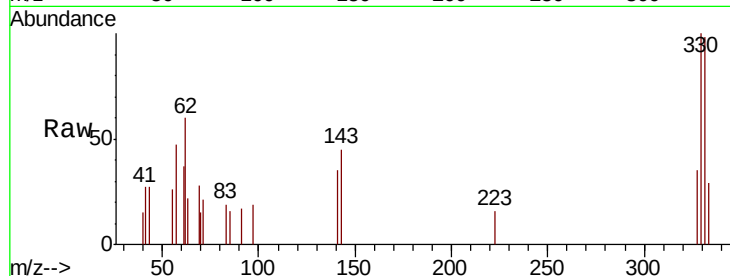




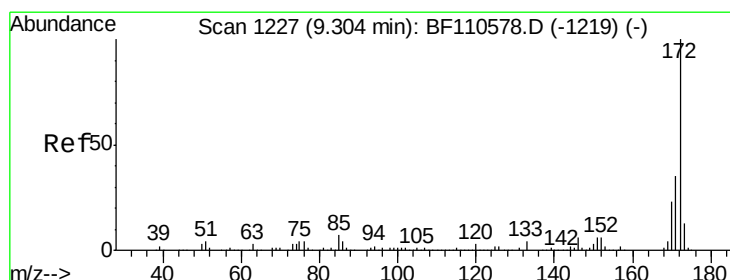
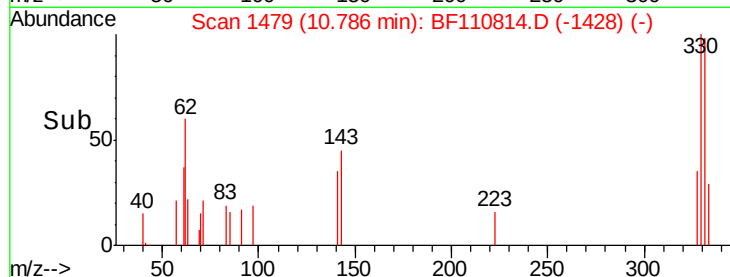
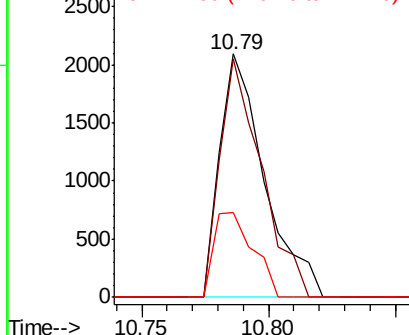
#42
 2,4,6-Tribromophenol
 Concen: 2.030 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110814.D
 Acq: 16 Nov 2018 13:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 2573
 Ion Ratio Lower Upper
 330 100
 332 90.8 77.1 115.7
 141 30.7 27.0 40.4

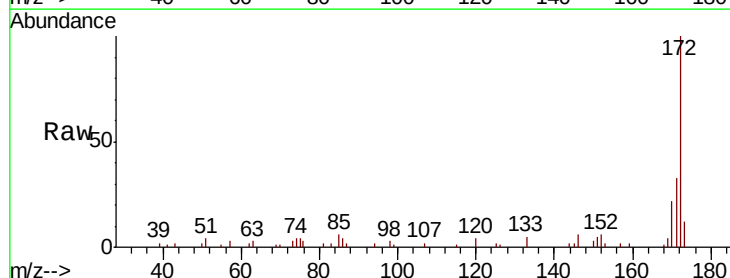


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

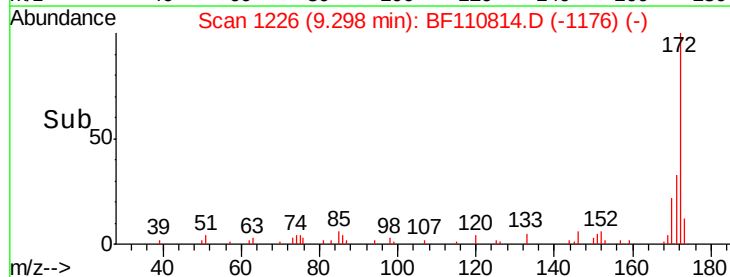
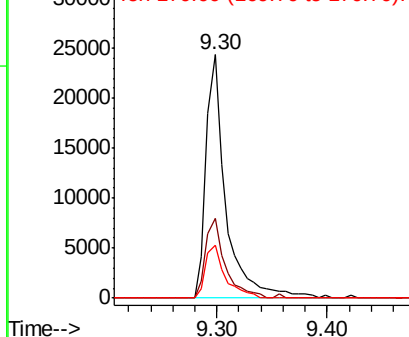


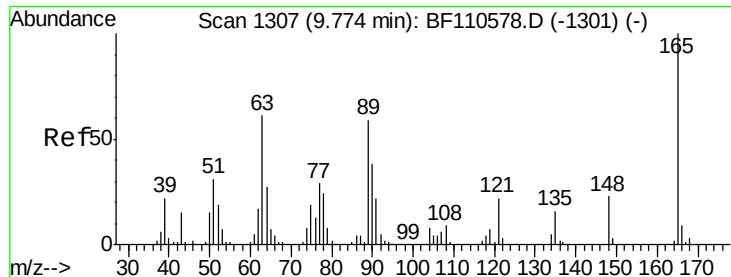
#45
 2-Fluorobiphenyl
 Concen: 3.353 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110814.D
 Acq: 16 Nov 2018 13:39

Tgt Ion:172 Resp: 29536
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.6 43.0
 170 21.9 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

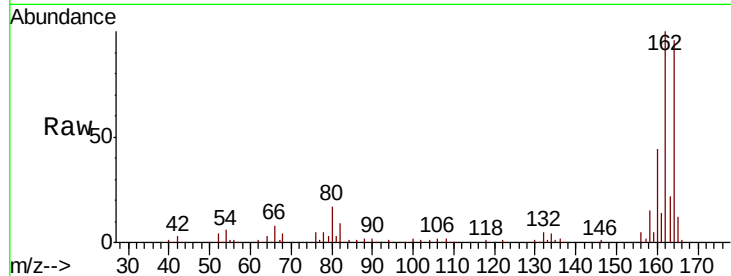




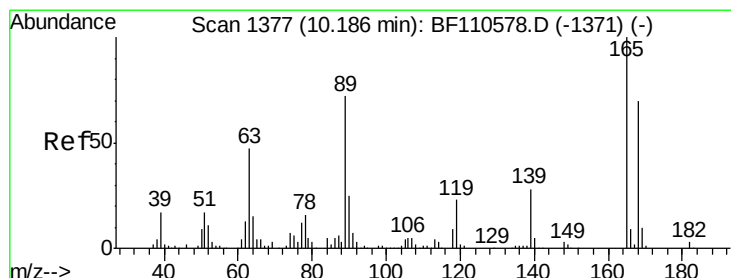
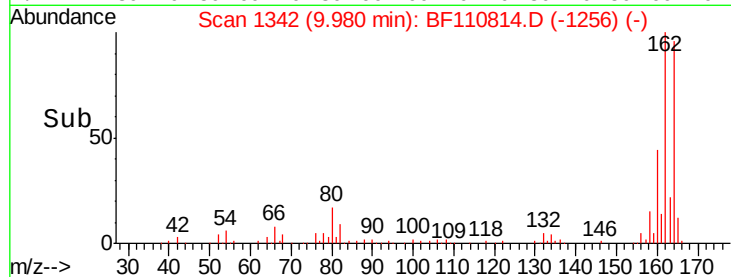
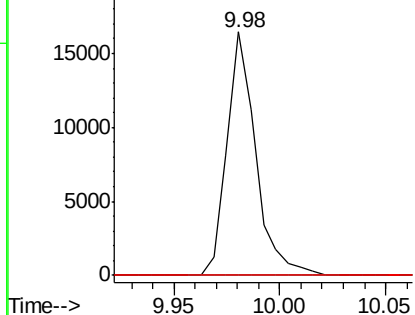
#51
 2,6-Dinitrotoluene
 Concen: 7.480 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110814.D
 Acq: 16 Nov 2018 13:39

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#



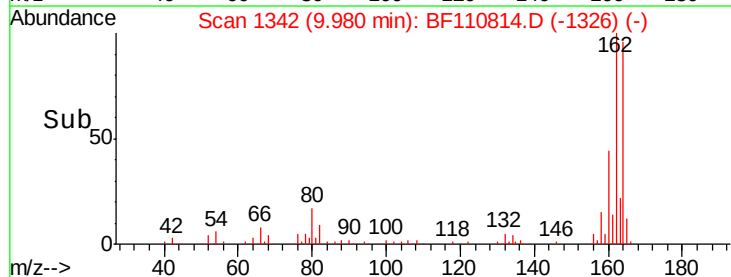
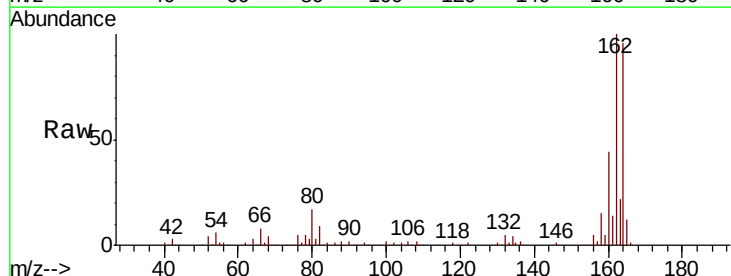
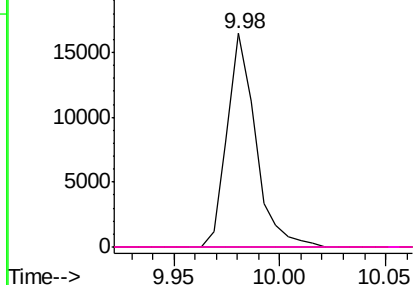
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

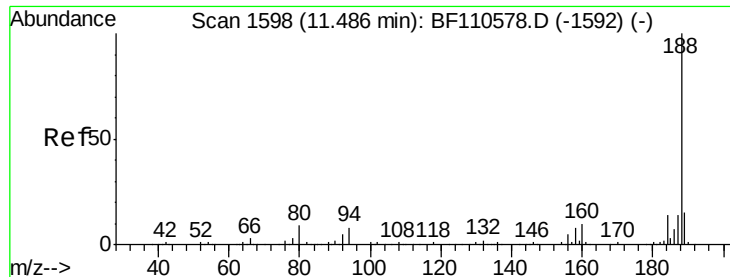


#57
 2,4-Dinitrotoluene
 Concen: 5.753 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110814.D
 Acq: 16 Nov 2018 13:39

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

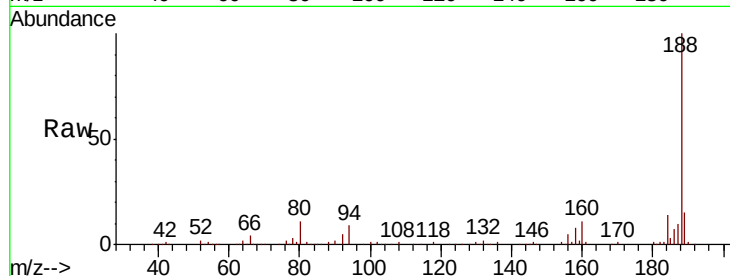




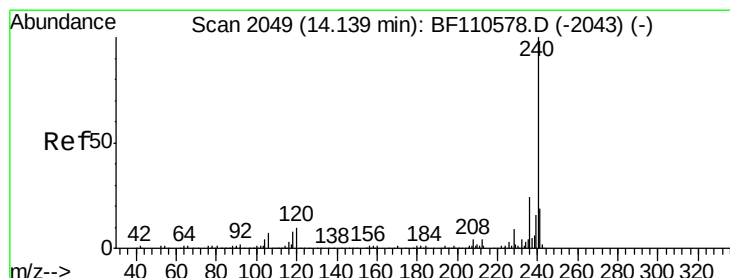
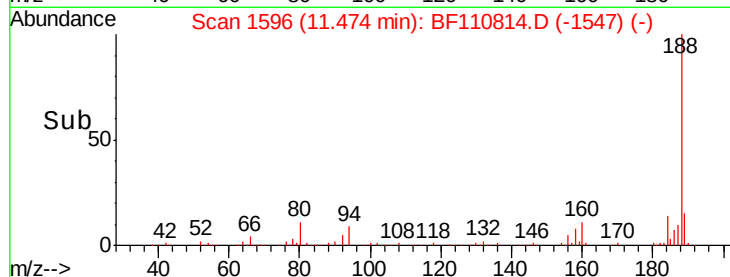
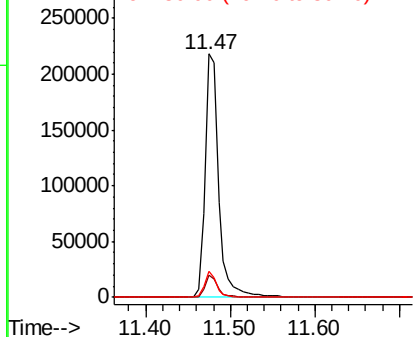
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 242342
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.6 7.9 11.9

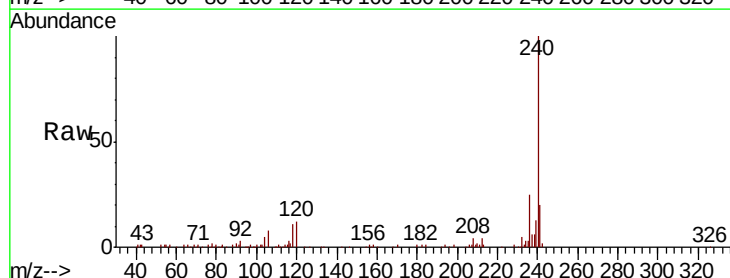


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

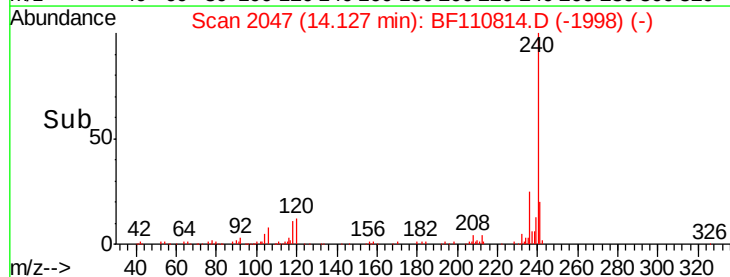
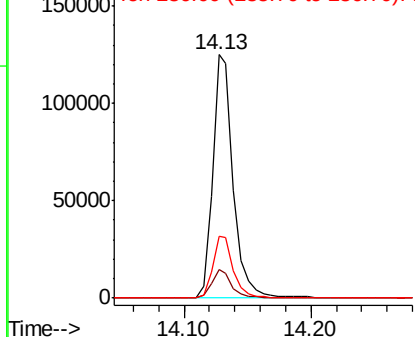


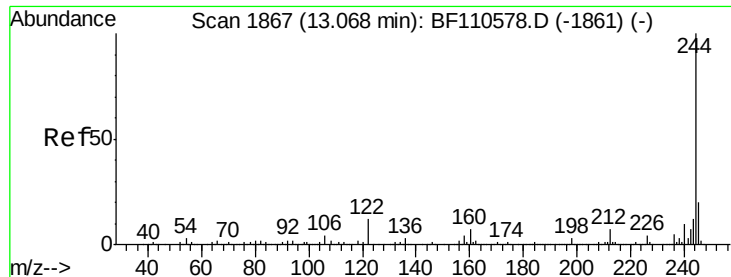
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110814.D
Acq: 16 Nov 2018 13:39

Tgt Ion:240 Resp: 141217
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.3 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: 3.335 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110814.D

Acq: 16 Nov 2018 13:39

Instrument :

BNA_F

ClientSampleId :

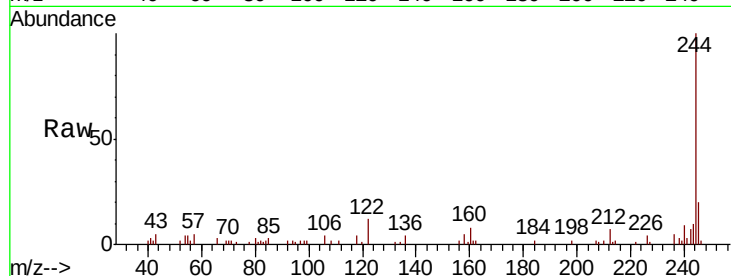
Tot Ion:244 Resp: 25147

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

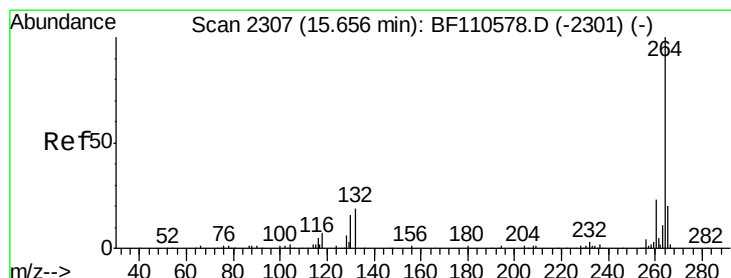
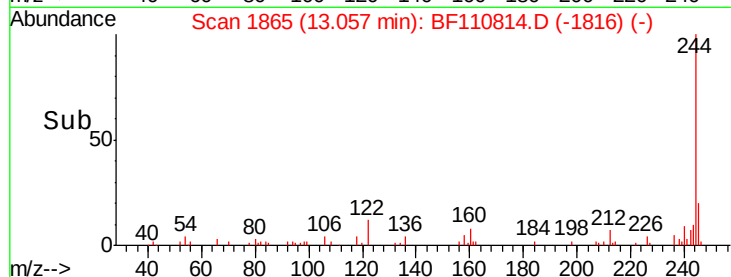
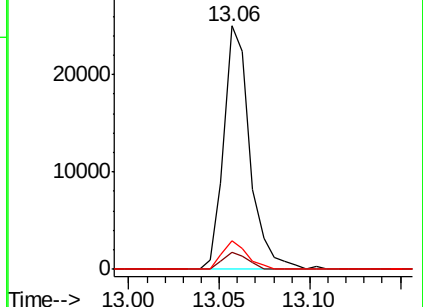
122 11.5 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110814.D

Acq: 16 Nov 2018 13:39

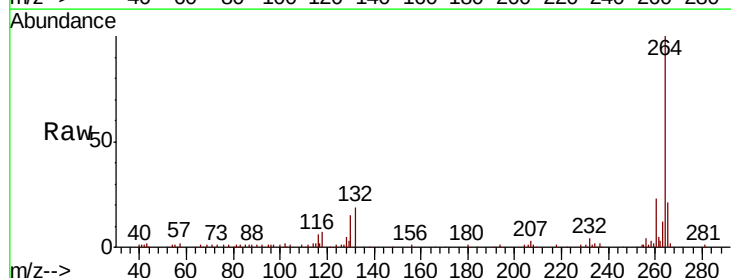
Tgt Ion:264 Resp: 146748

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.9 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

