

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108376.D
 Acq On : 22 Aug 2018 9:22
 Operator : JU/SJ
 Sample : J4555-05 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 10:54:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

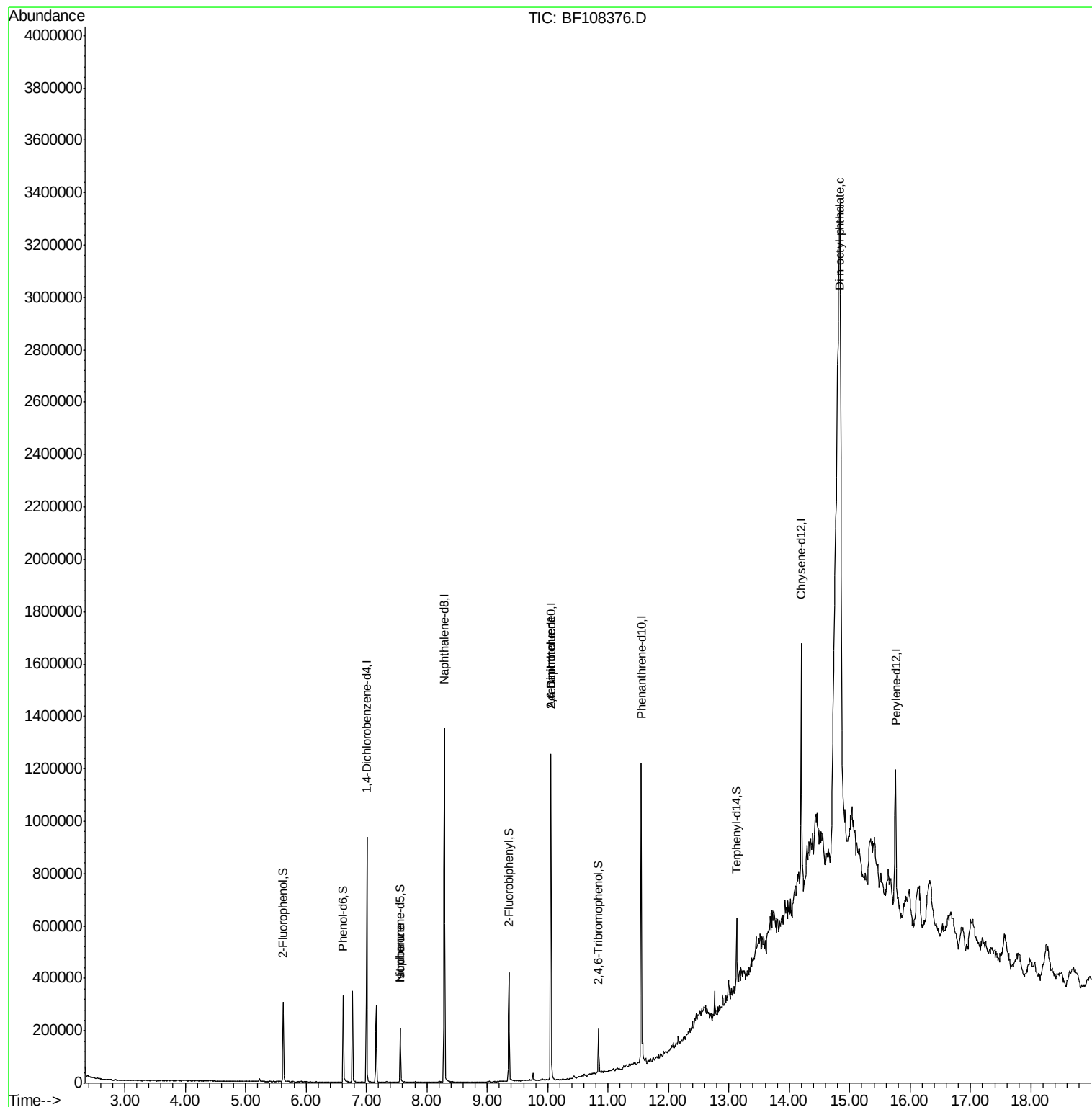
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	143940	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	549730	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	255874	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	411159	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	301913	20.00	ng	-0.02
86) Perylene-d12	15.76	264	259166	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	78263	9.84	ng	-0.01
7) Phenol-d6	6.61	99	108366	10.26	ng	-0.02
23) Nitrobenzene-d5	7.56	82	66034	6.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	19839	7.77	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	123243	7.73	ng	-0.02
78) Terphenyl-d14	13.13	244	86469	7.28	ng	-0.02
Target Compounds						
25) Isophorone	7.56	82	66033	3.517	ng	# 64
50) 2,6-Dinitrotoluene	10.05	165	33303	8.931	ng	# 25
56) 2,4-Dinitrotoluene	10.05	165	33303	6.938	ng	# 23
84) Di-n-octyl phthalate	14.83	149	186376	11.890	ng	# 1

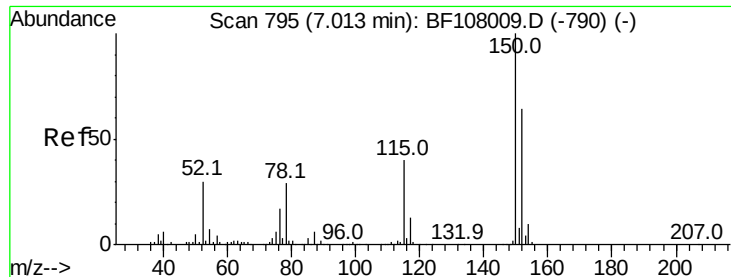
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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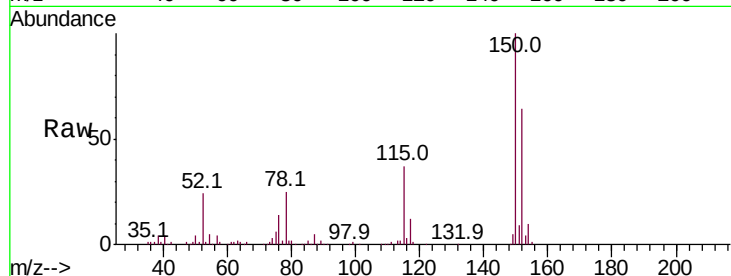


#1

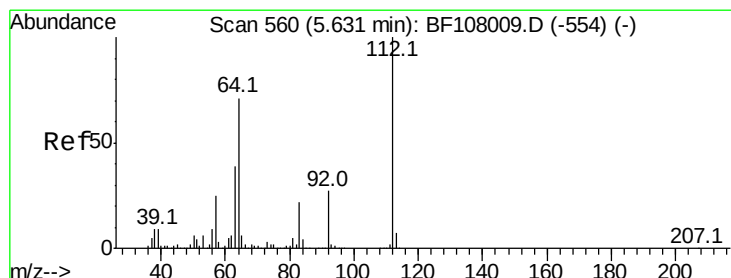
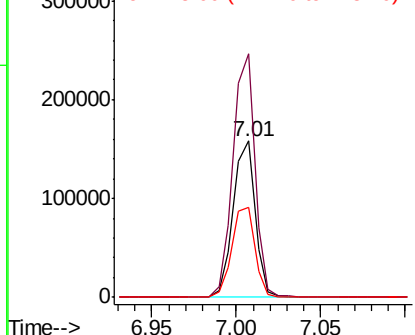
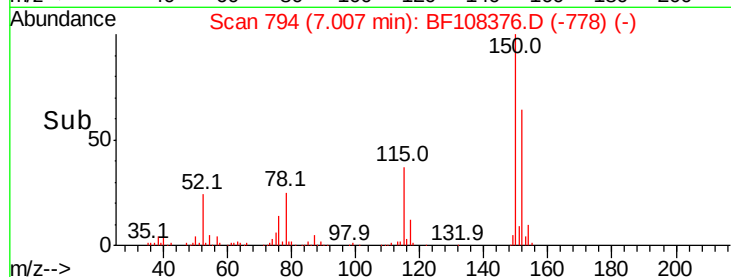
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143940
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.5 50.1 75.1



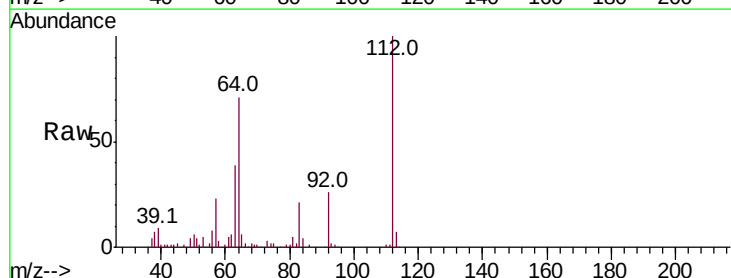
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



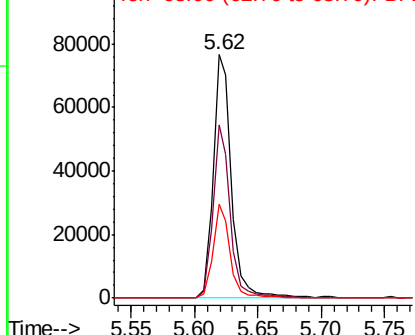
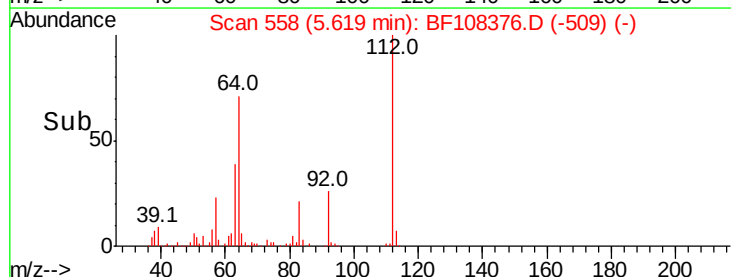
#5

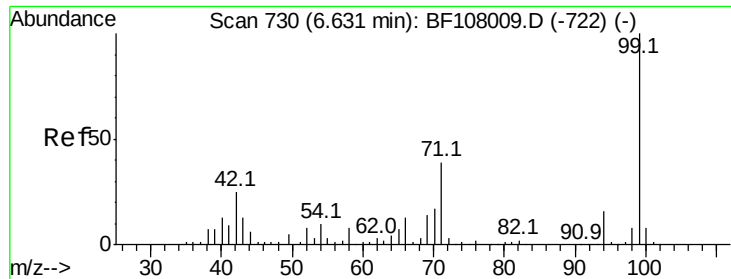
2-Fluorophenol
Concen: 9.844 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

Tgt Ion:112 Resp: 78263
Ion Ratio Lower Upper
112 100
64 71.0 47.9 71.9
63 38.7 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: 10.257 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampleId :

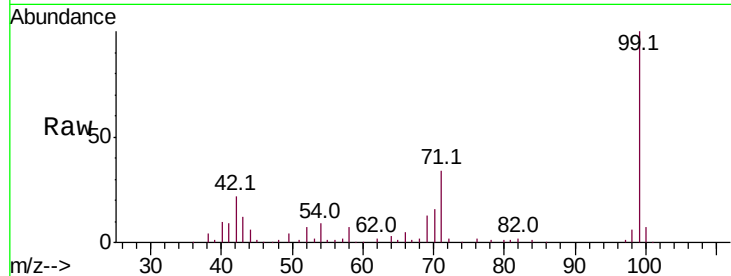
Tot Ion: 99 Resp: 108366

Ion Ratio Lower Upper

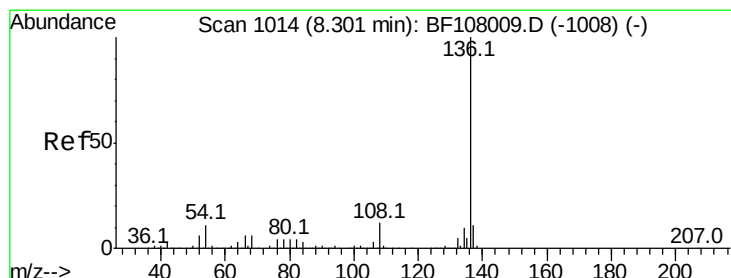
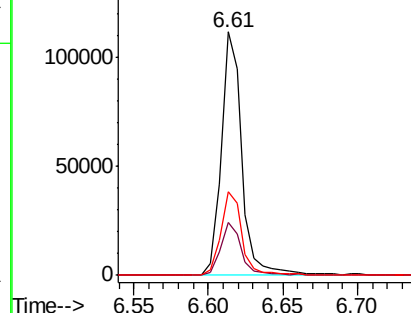
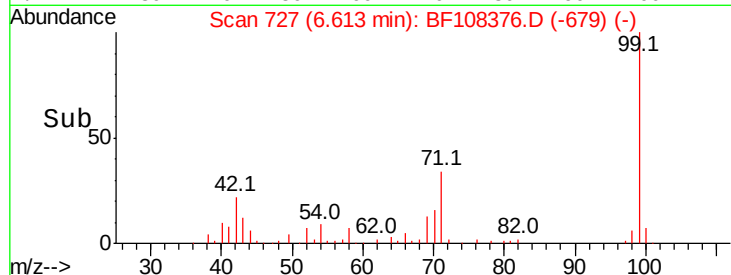
99 100

42 21.6 14.5 21.7

71 34.5 25.4 38.0



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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Tgt Ion: 136 Resp: 549730

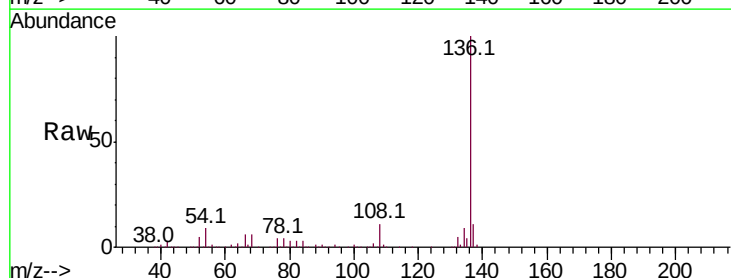
Ion Ratio Lower Upper

136 100

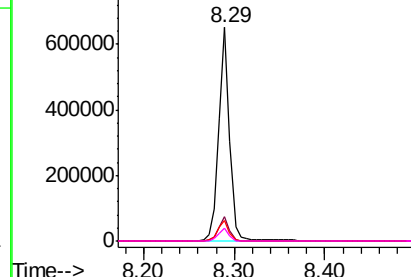
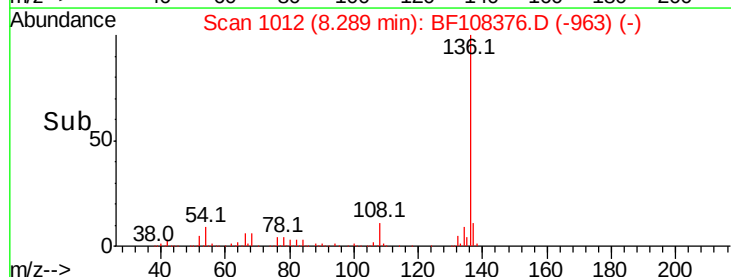
137 11.1 8.9 13.3

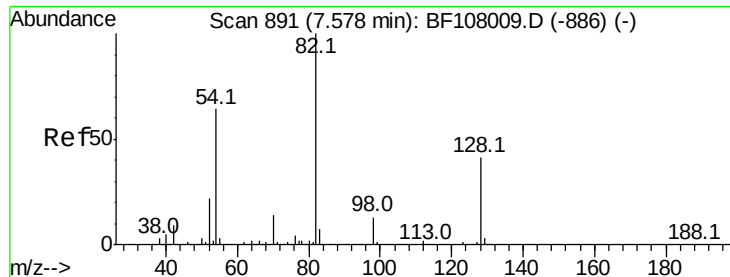
54 9.5 6.6 9.8

68 5.8 5.0 7.4



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

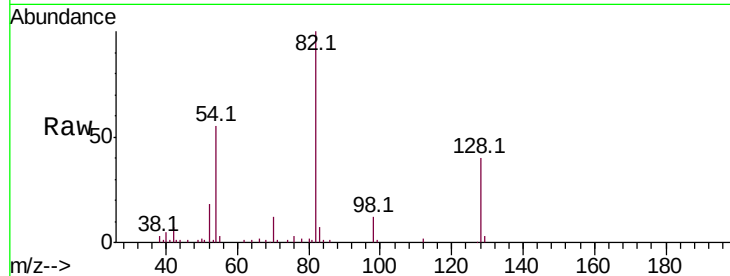




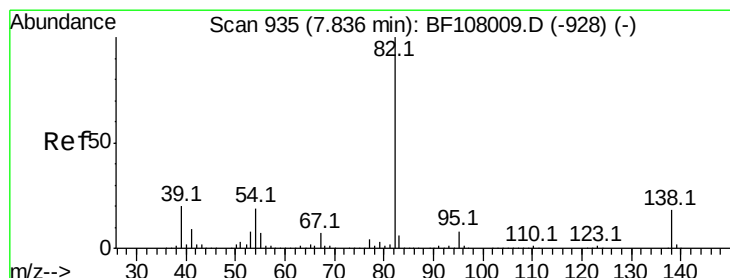
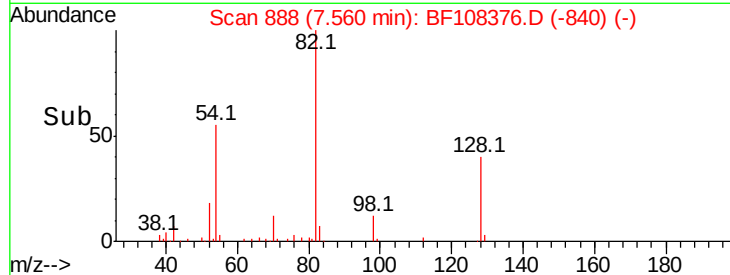
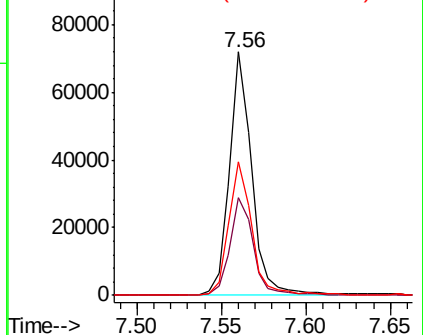
#23
 Nitrobenzene-d5
 Concen: 6.703 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	66034
Ion Ratio	100	Lower	Upper
128	39.9	36.1	54.1
54	55.0	41.4	62.2

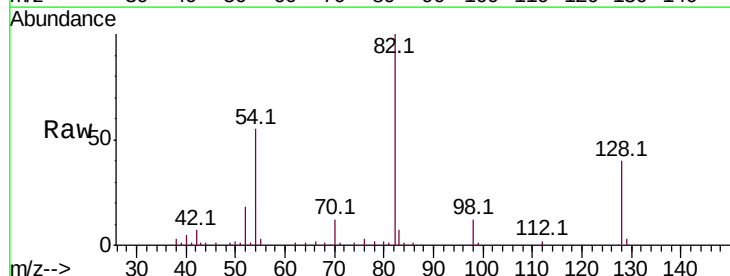


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

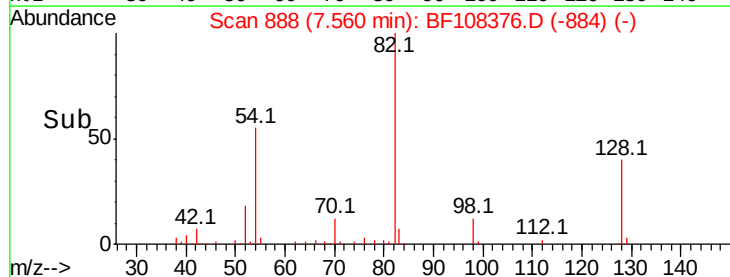
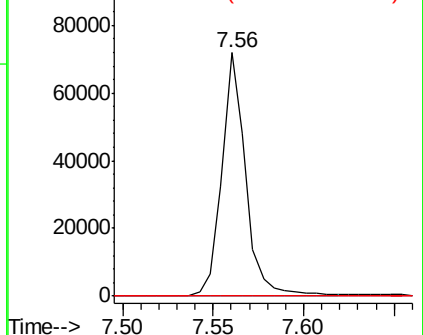


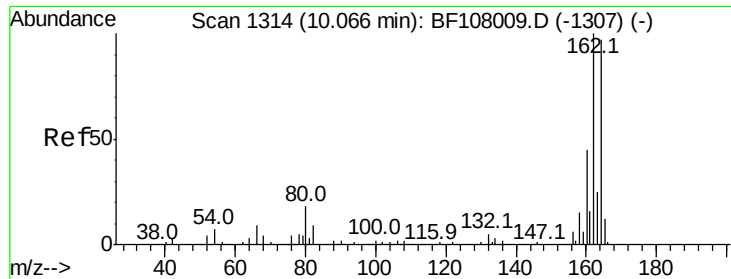
#25
 Isophorone
 Concen: 3.517 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Tgt Ion	82	Resp	66033
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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

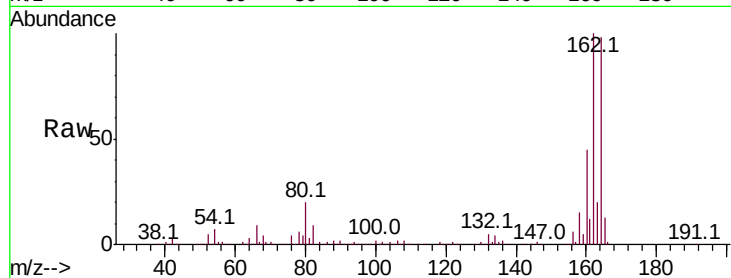




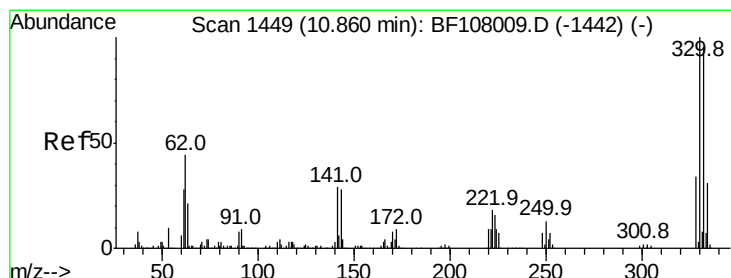
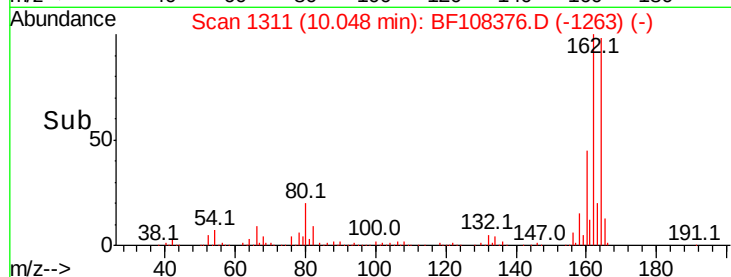
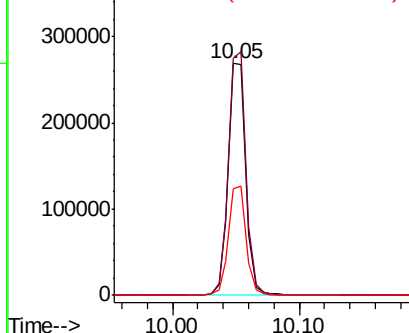
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 255874
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 46.1 38.3 57.5

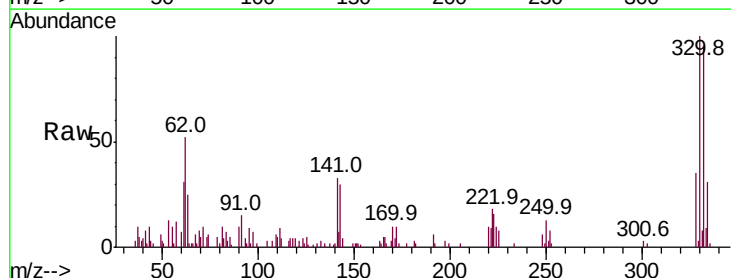


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

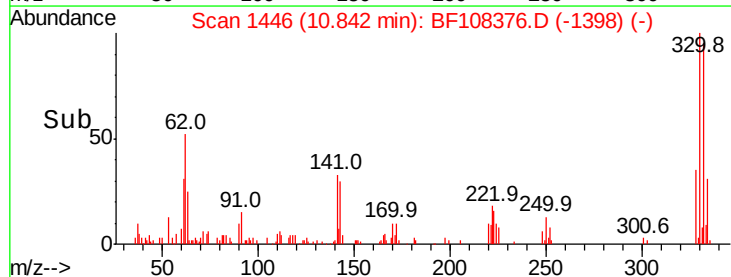
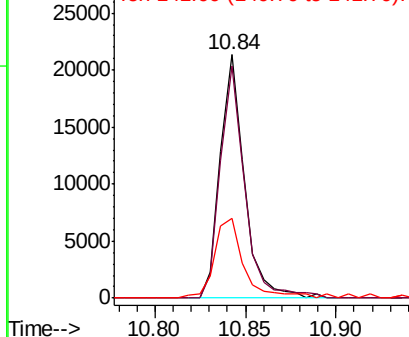


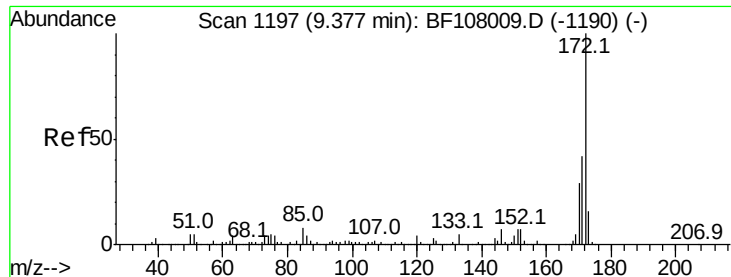
#41
 2,4,6-Tribromophenol
 Concen: 7.773 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Tgt Ion:330 Resp: 19839
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 39.7 29.9 44.9



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

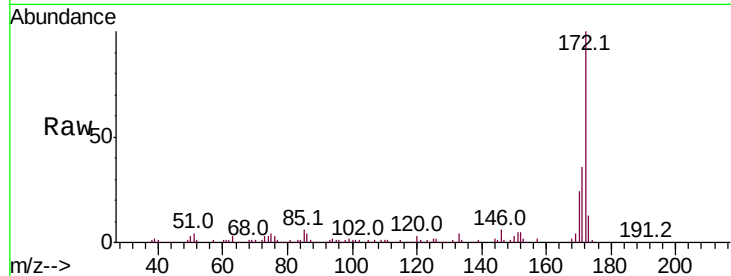




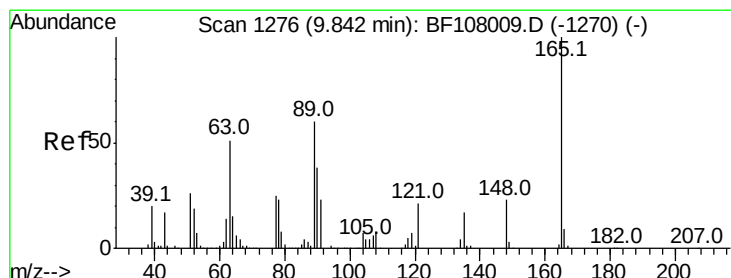
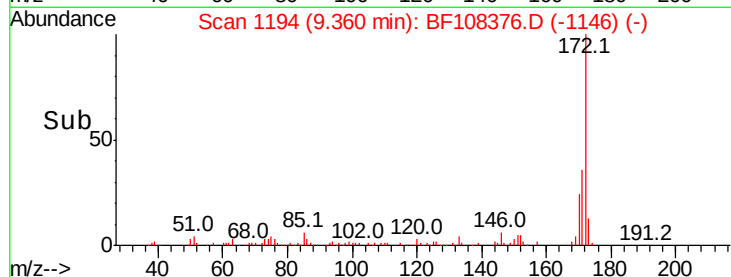
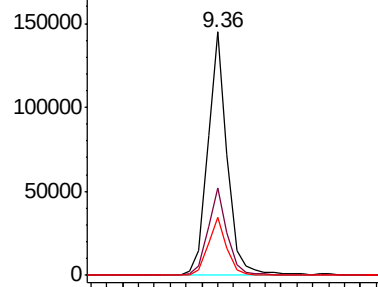
#44
 2-Fluorobiphenyl
 Concen: 7.733 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	172	Resp:	123243
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4

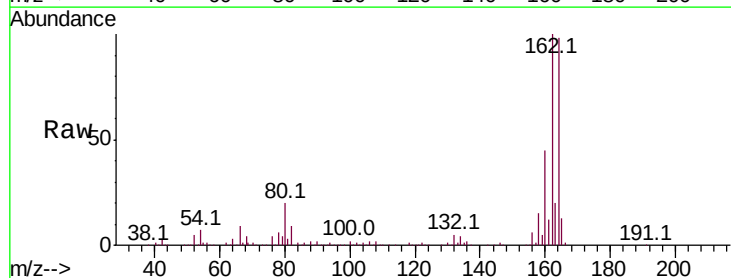


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

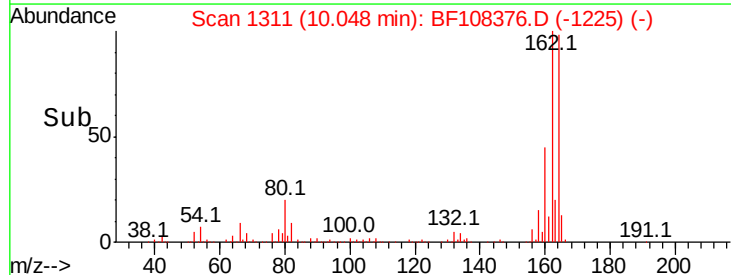
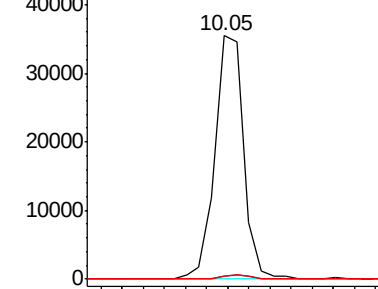


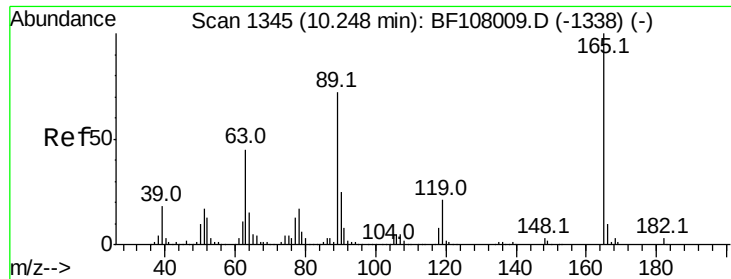
#50
 2,6-Dinitrotoluene
 Concen: 8.931 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108376.D
 Acq: 22 Aug 2018 9:22

Tgt Ion:	165	Resp:	33303
Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.938 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.20 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 33303

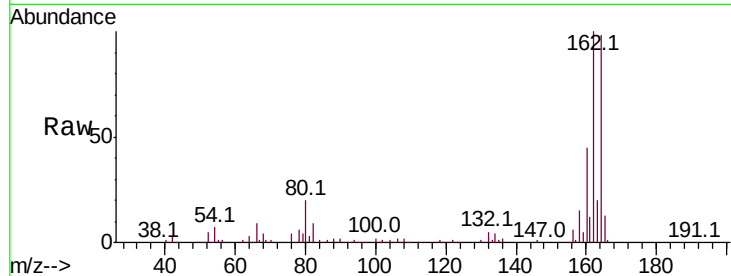
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

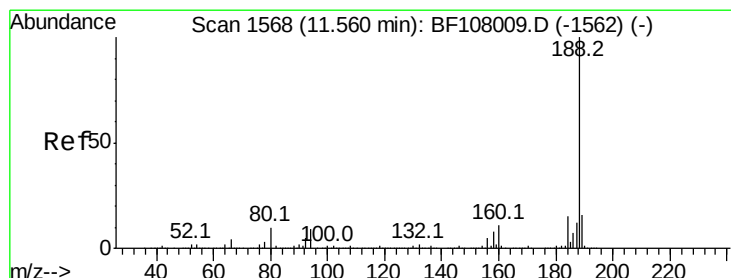
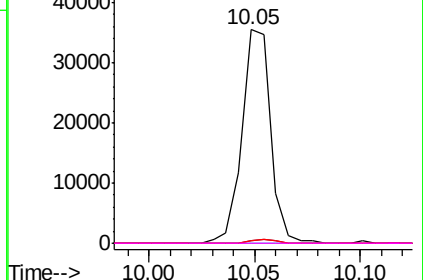
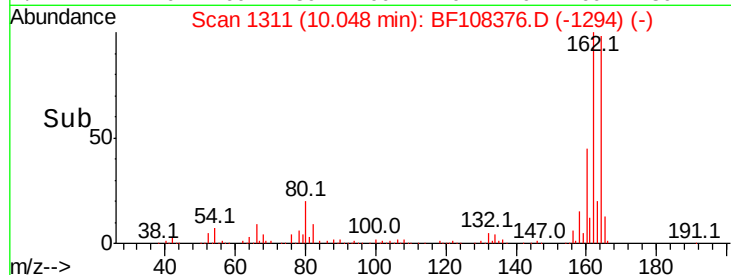


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

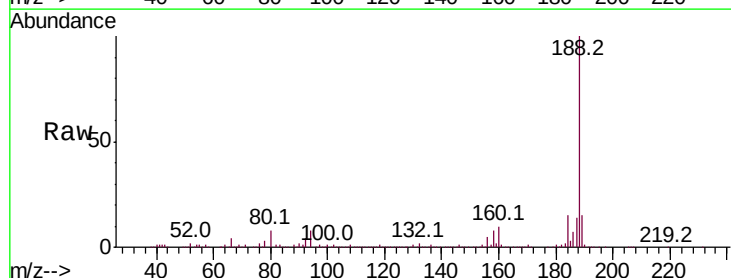
Tgt Ion:188 Resp: 411159

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

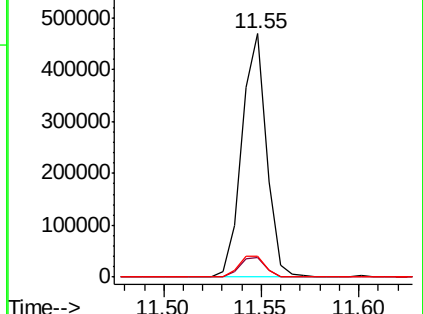
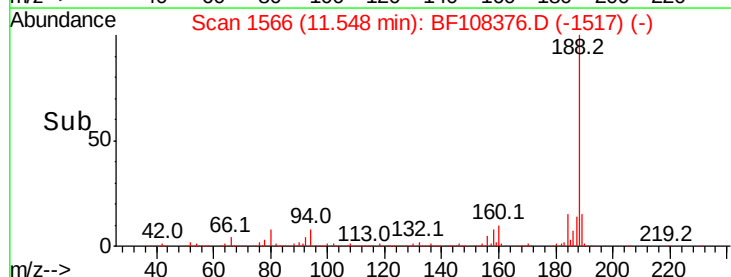
80 8.5 9.2 13.8#

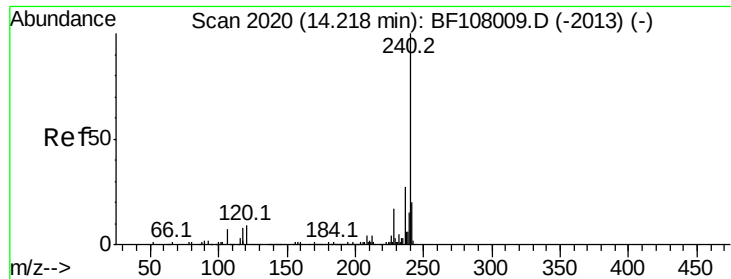


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

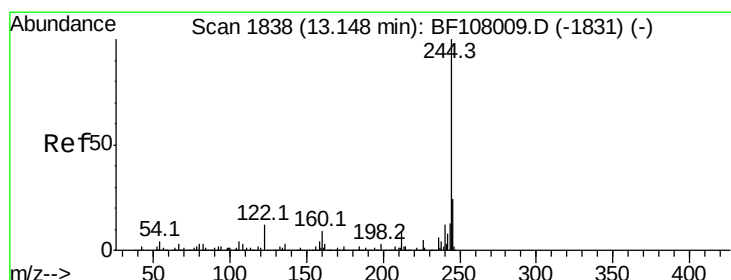
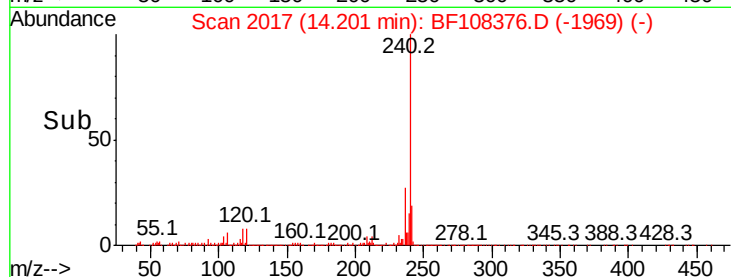
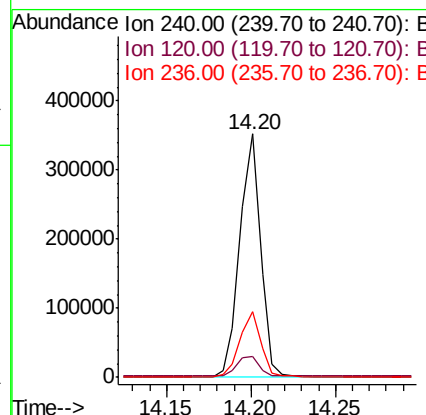
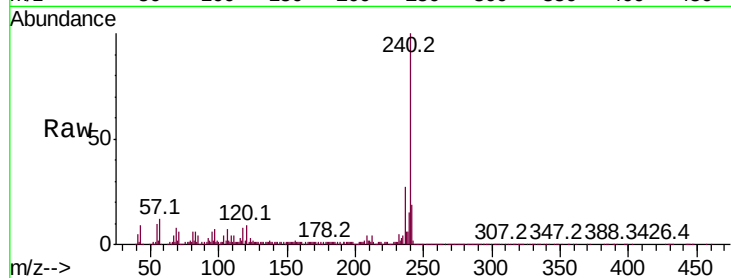




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

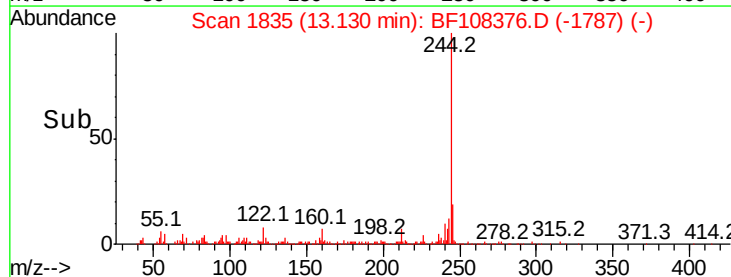
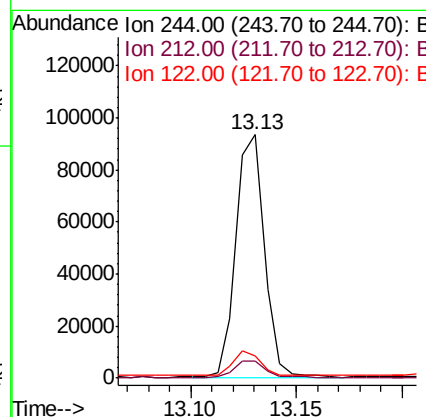
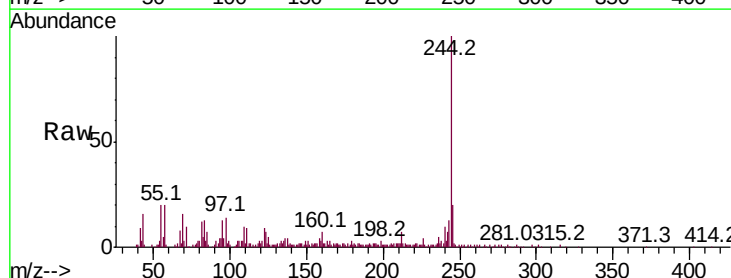
Instrument :
BNA_F
ClientSampleId :

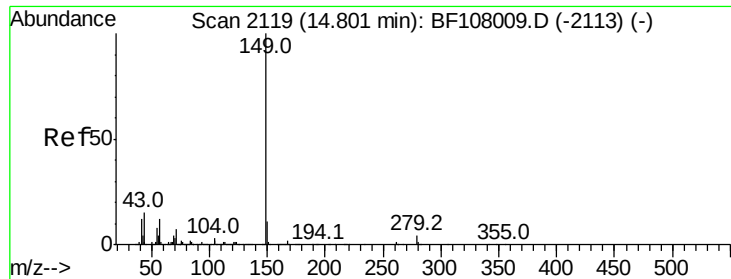
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	26.8	20.7	31.1



#78
Terphenyl-d14
Concen: 7.282 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF108376.D
Acq: 22 Aug 2018 9:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.2	11.0	16.4#





#84

Di-n-octyl phthalate

Concen: 11.890 ng

RT: 14.83 min Scan# 2124

Delta R.T. 0.03 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

Instrument :

BNA_F

ClientSampleId :

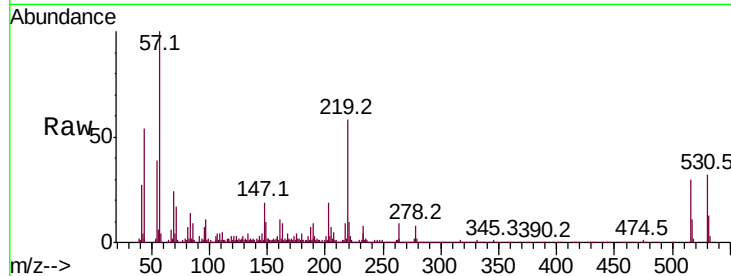
Tot Ion:149 Resp: 186376

Ion Ratio Lower Upper

149 100

167 23.8 1.2 1.8#

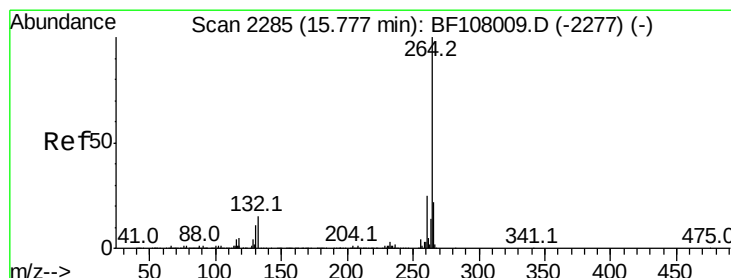
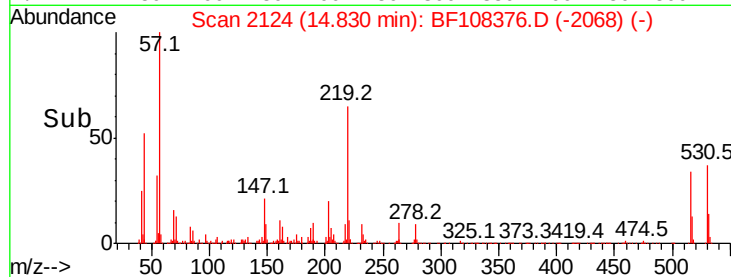
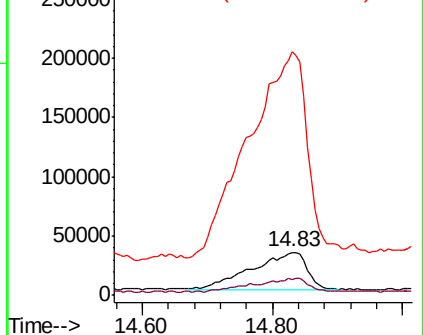
43 591.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.76 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BF108376.D

Acq: 22 Aug 2018 9:22

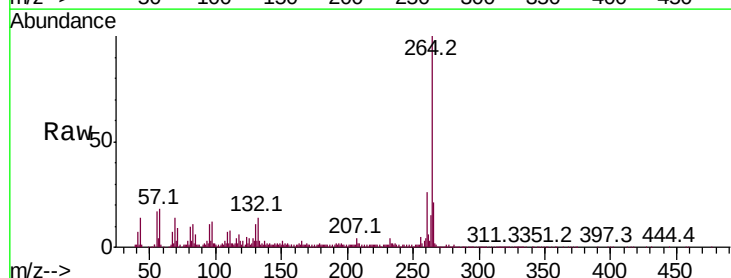
Tgt Ion:264 Resp: 259166

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 21.4 17.5 26.3



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

