

Data File : BF109036.D
Acq On : 15 Sep 2018 10:28
Operator : JU/SJ
Sample : PB112873BL
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Quant Time: Sep 17 03:17:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

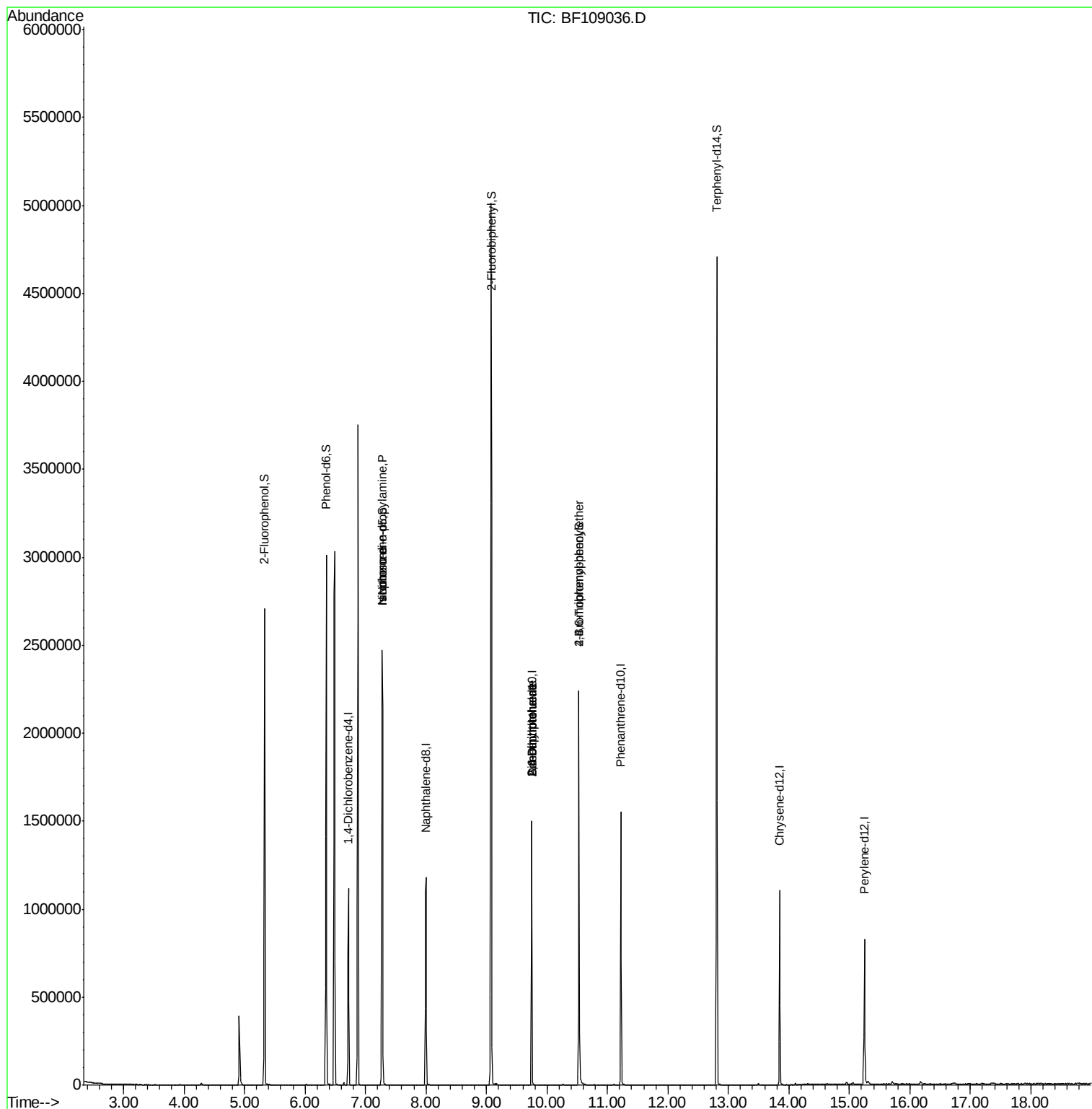
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150368	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566822	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	275761	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	540620	20.00	ng	0.00
75) Chrysene-d12	13.85	240	365683	20.00	ng	-0.01
86) Perylene-d12	15.25	264	364584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	833106	92.02	ng	0.00
7) Phenol-d6	6.35	99	1040777	89.15	ng	0.00
23) Nitrobenzene-d5	7.28	82	967613	95.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	293358	98.02	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1712979	97.32	ng	0.00
78) Terphenyl-d14	12.81	244	1756210	113.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	131027	16.980	ng	# 78
25) Isophorone	7.28	82	958864	55.197	ng	# 64
49) Dimethylphthalate	9.75	163	75154	3.813	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	35281	8.072	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	35281	6.172	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	17326	2.843	ng	# 1

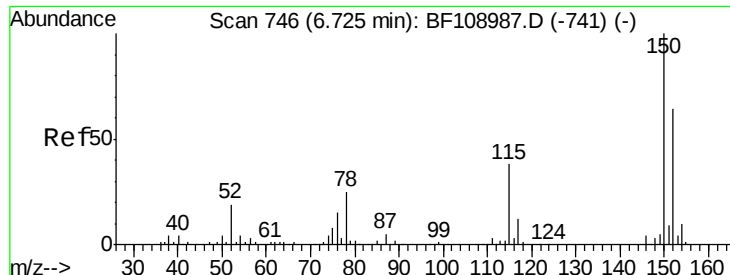
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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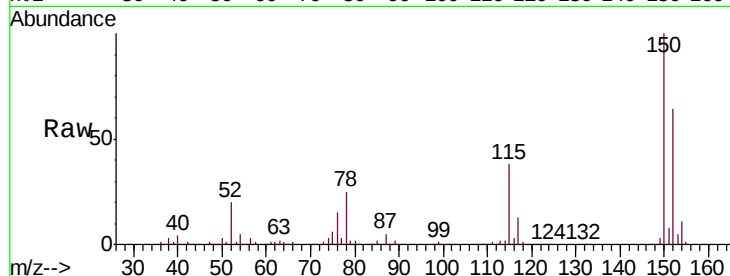


#1

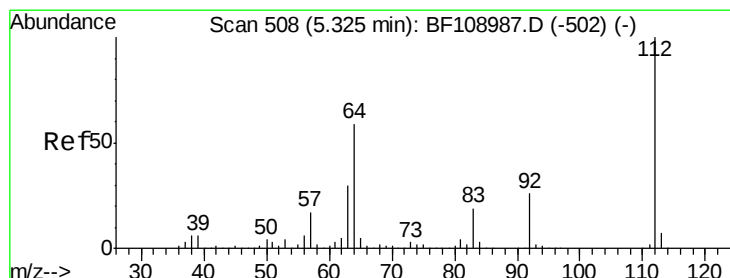
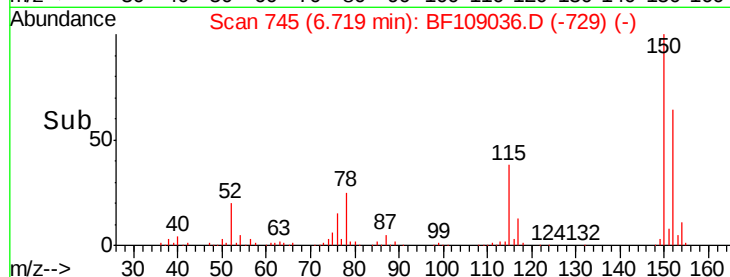
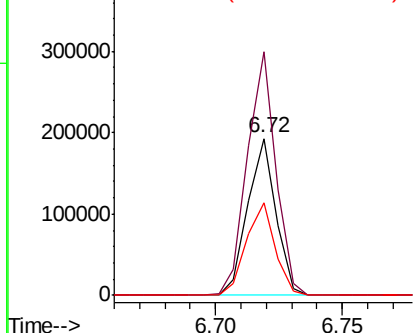
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BL

Tgt Ion:152 Resp: 150368
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 59.1 50.1 75.1



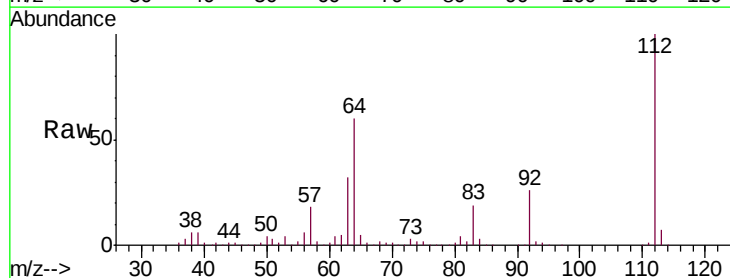
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



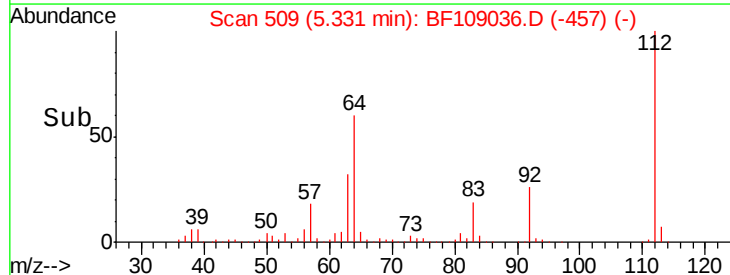
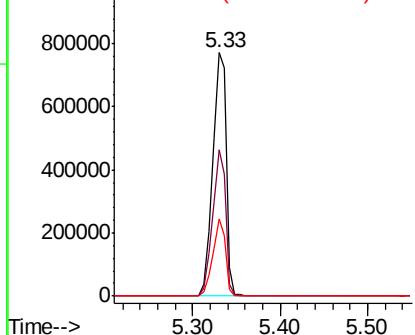
#5

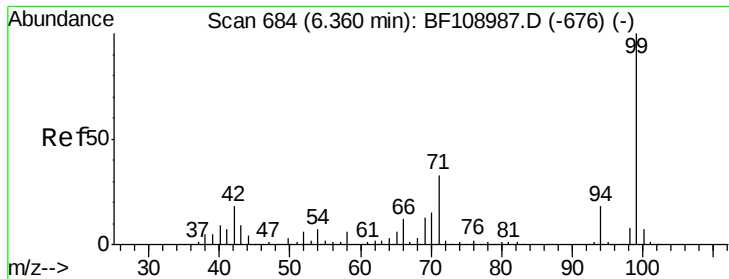
2-Fluorophenol
 Concen: 92.020 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Tgt Ion:112 Resp: 833106
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 31.6 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: 89.153 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB112873BL

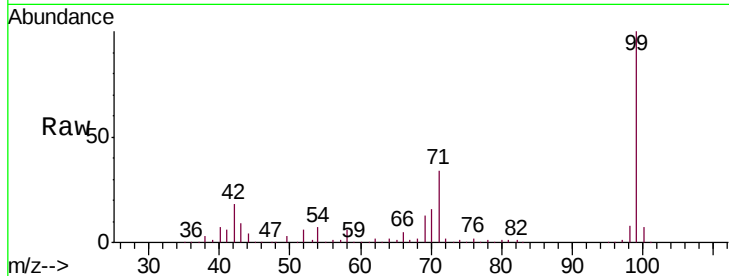
Tgt Ion: 99 Resp: 1040777

Ion Ratio Lower Upper

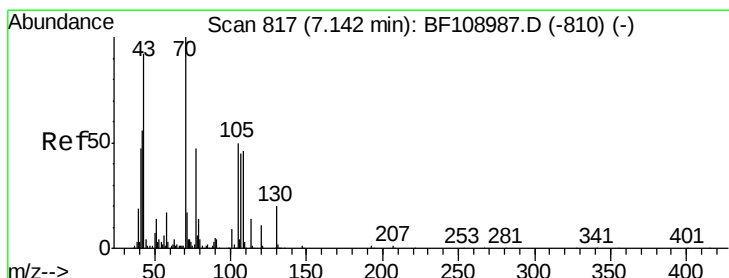
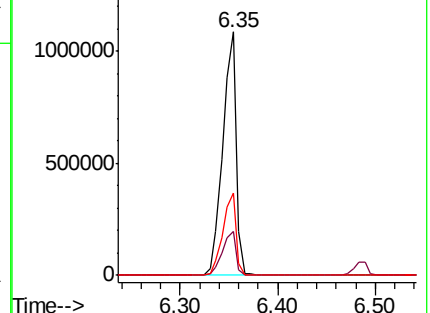
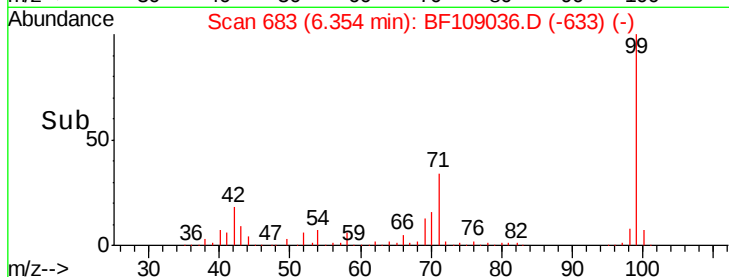
99 100

42 18.3 14.5 21.7

71 33.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.980 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Tgt Ion: 70 Resp: 131027

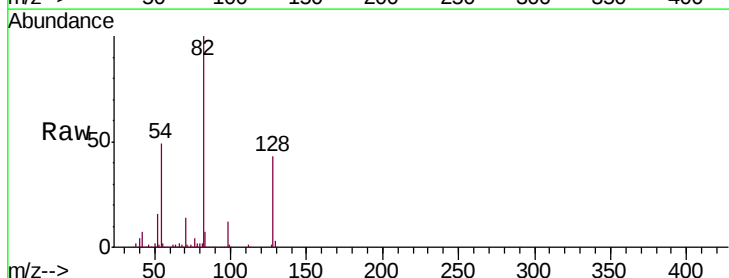
Ion Ratio Lower Upper

70 100

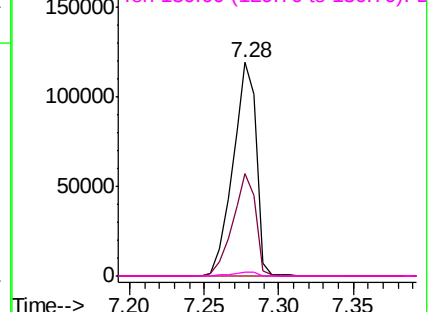
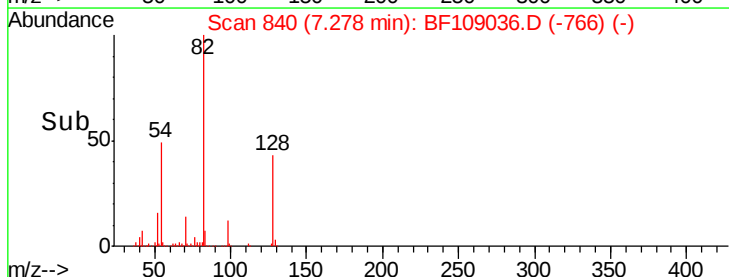
42 48.2 47.5 71.3

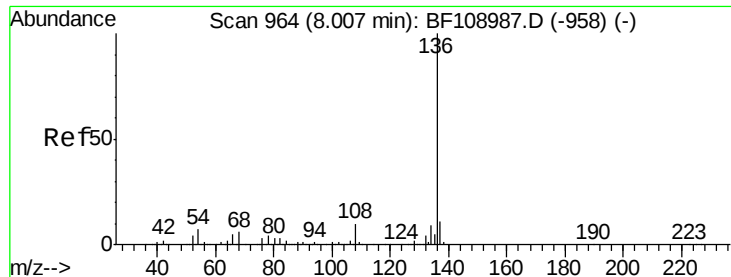
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

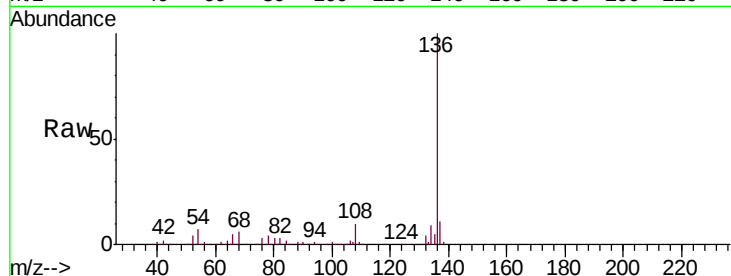




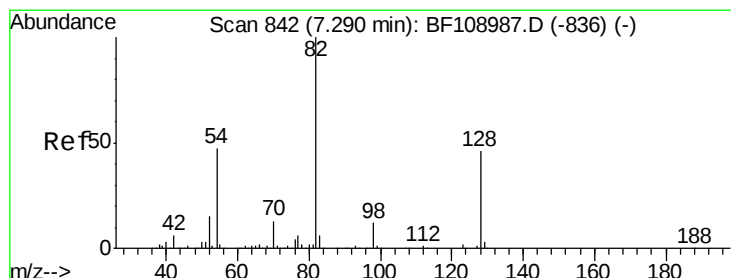
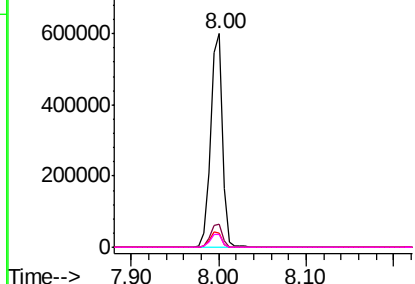
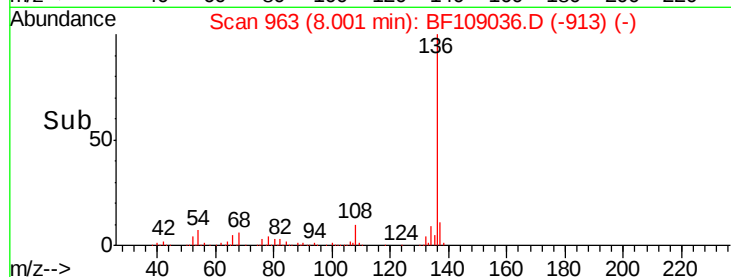
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Tgt Ion:	136	Resp:	566822
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

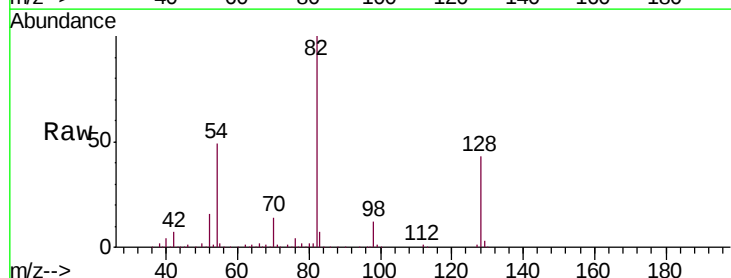


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

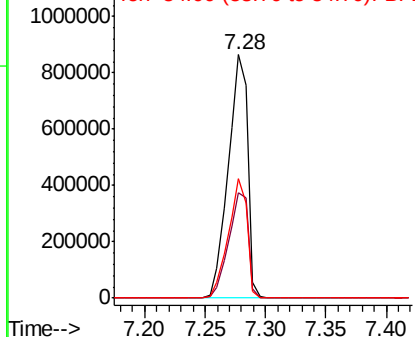
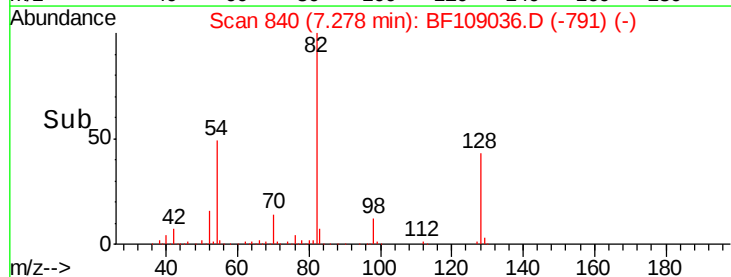


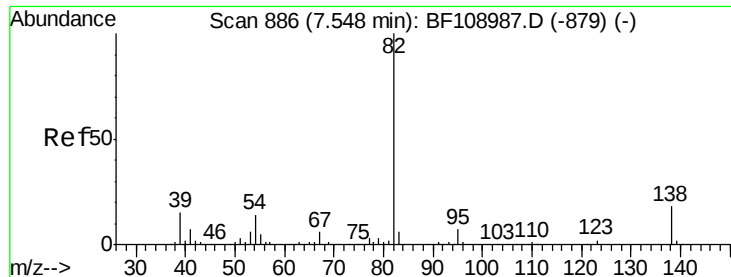
#23
Nitrobenzene-d5
Concen: 95.747 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Tgt Ion:	82	Resp:	967613
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.2	41.4	62.2



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





#25

Isophorone

Concen: 55.197 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB112873BL

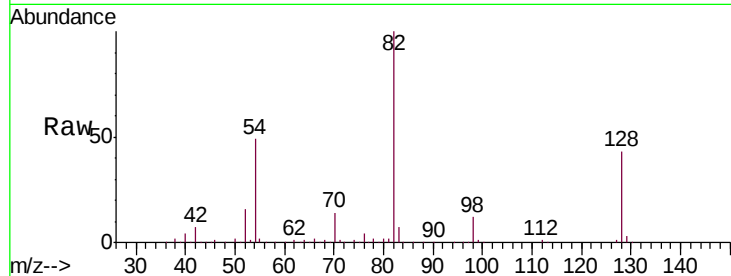
Tgt Ion: 82 Resp: 958864

Ion Ratio Lower Upper

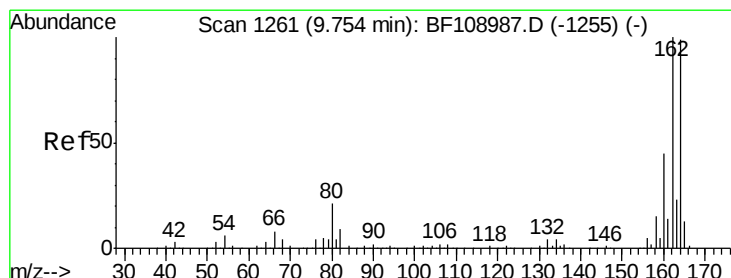
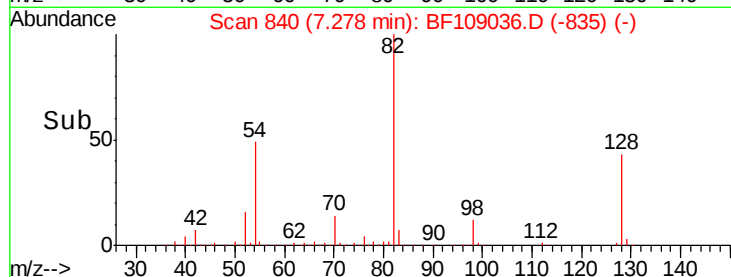
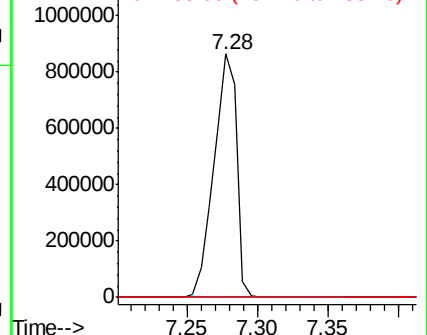
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

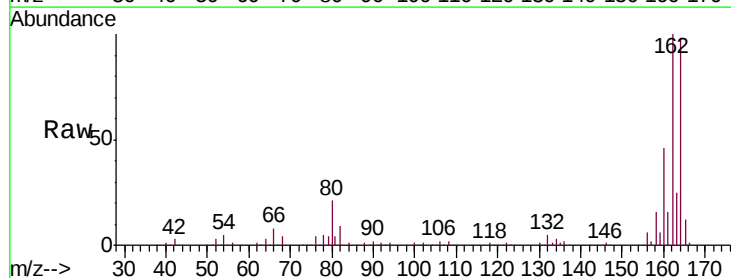
Tgt Ion: 164 Resp: 275761

Ion Ratio Lower Upper

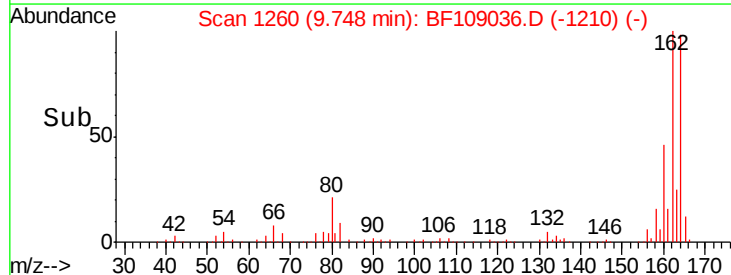
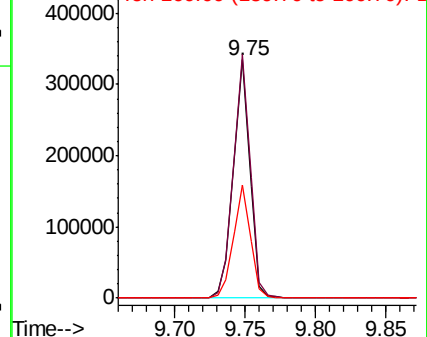
164 100

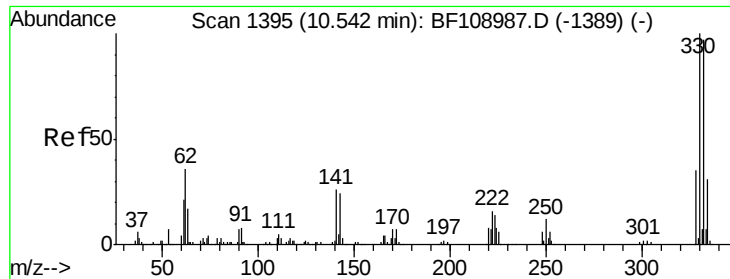
162 102.2 86.1 129.1

160 47.2 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

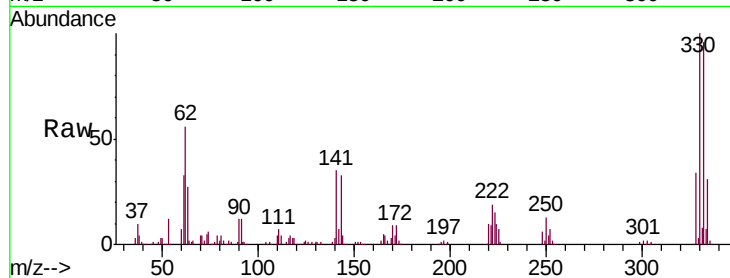




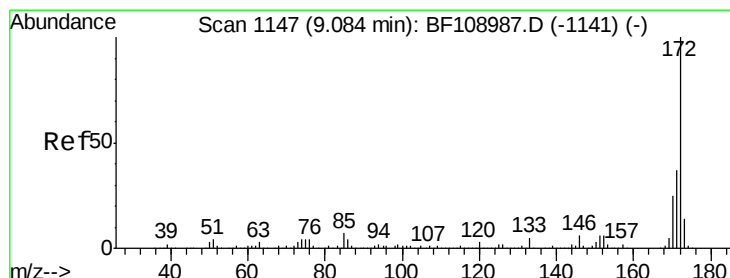
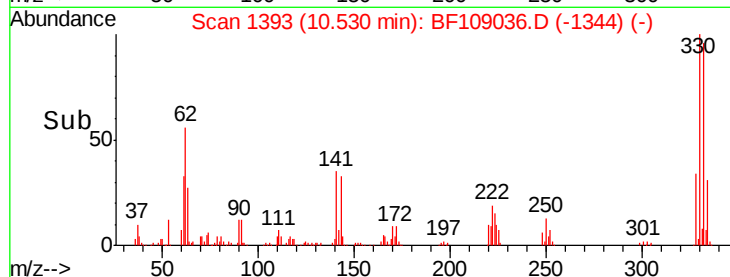
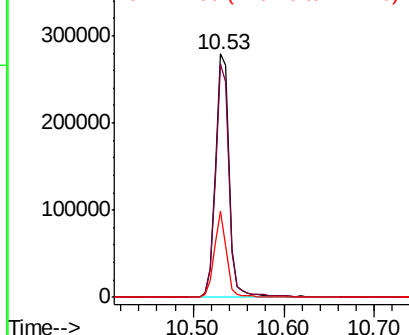
#41
 2,4,6-Tribromophenol
 Concen: 98.023 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.2	29.9	44.9

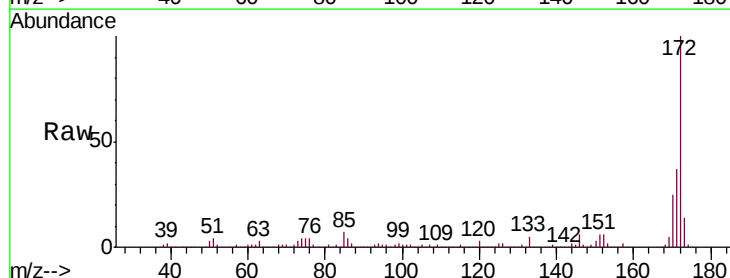


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

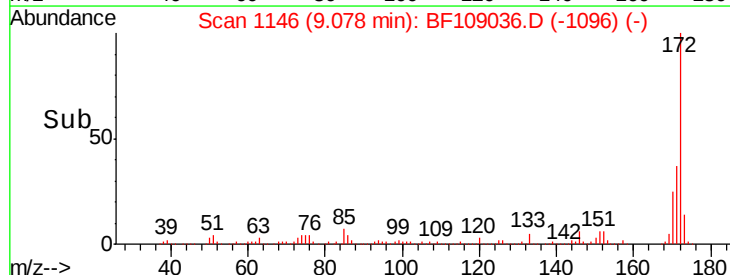
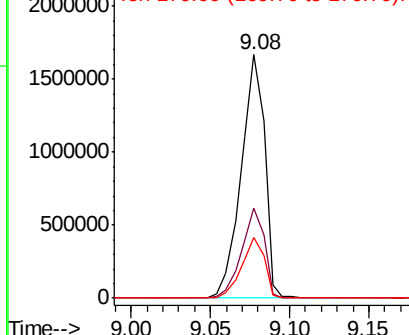


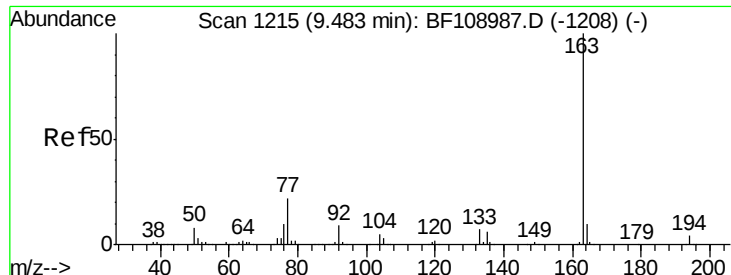
#44
 2-Fluorobiphenyl
 Concen: 97.323 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	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

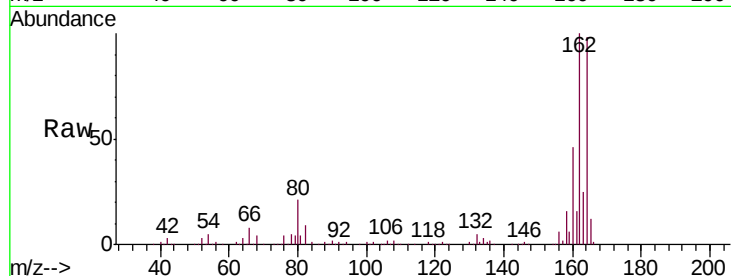




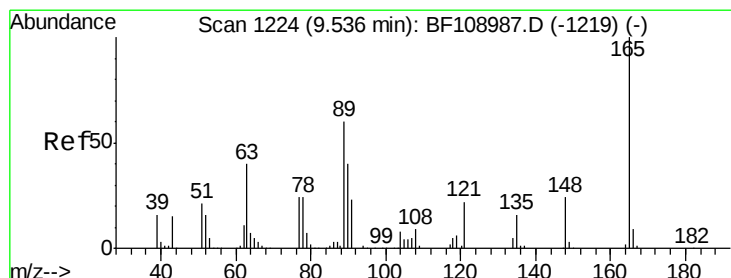
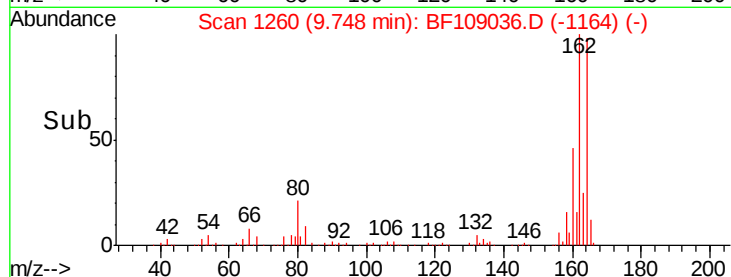
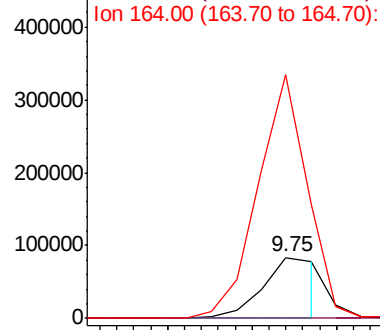
#49
Dimethylphthalate
Concen: 3.813 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.26 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Tgt Ion:163 Resp: 75154
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 399.3 8.2 12.2#

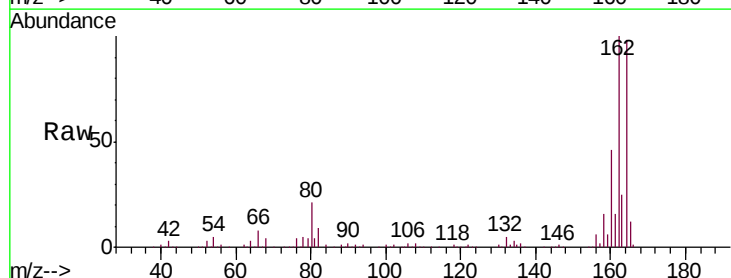


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

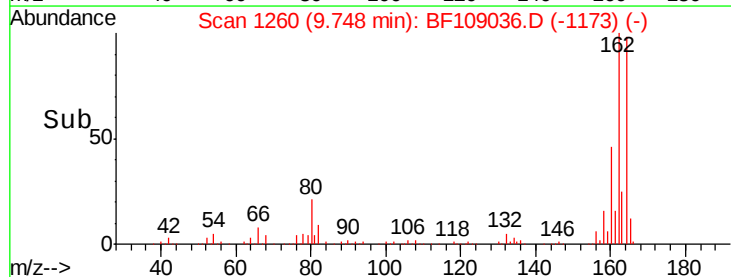
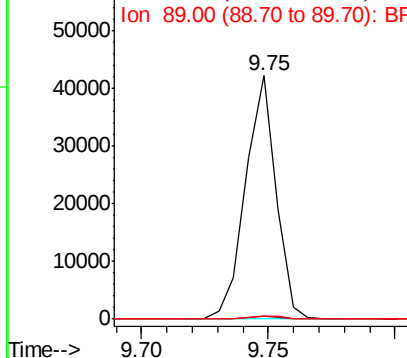


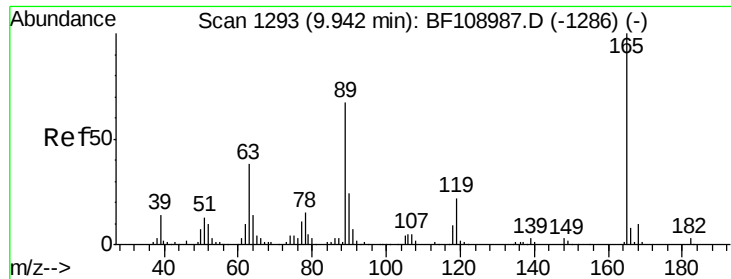
#50
2,6-Dinitrotoluene
Concen: 8.072 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Tgt Ion:165 Resp: 35281
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.4 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

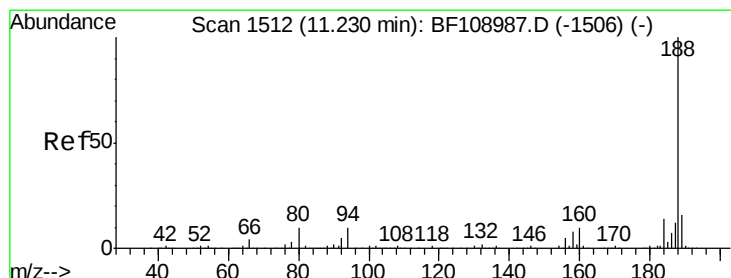
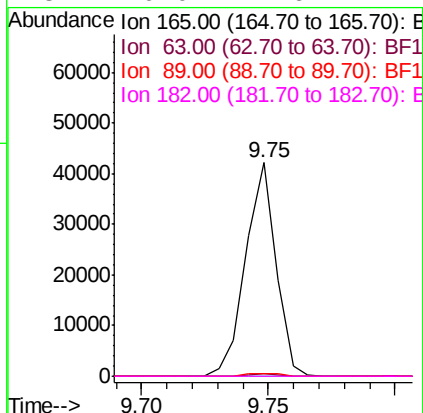
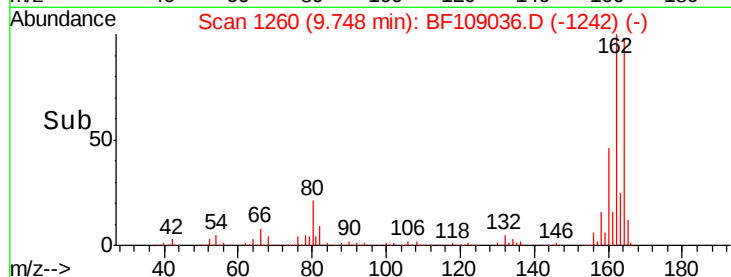
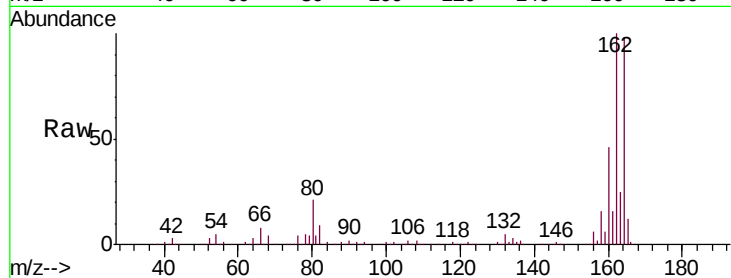




#56
 2,4-Dinitrotoluene
 Concen: 6.172 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

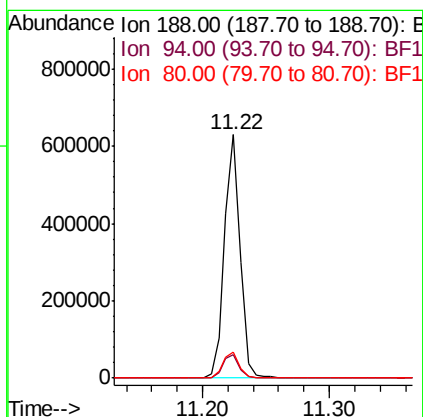
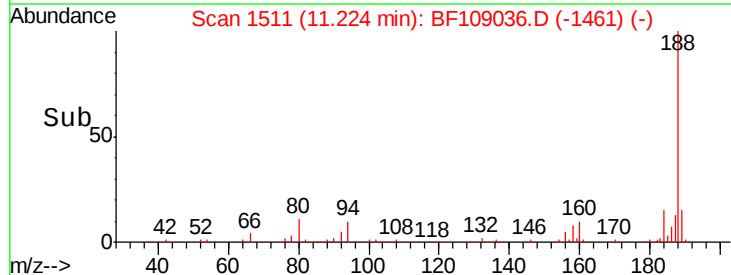
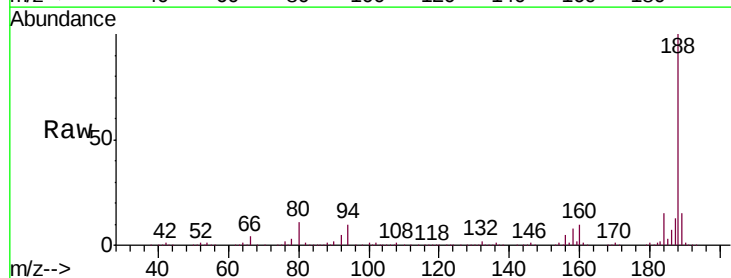
Instrument :
 BNA_F
 ClientSampleId :
 PB112873BL

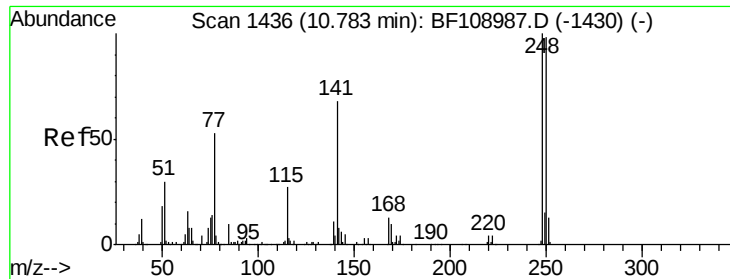
Tgt Ion:	165	Resp:	35281
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Tgt Ion:	188	Resp:	540620
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8

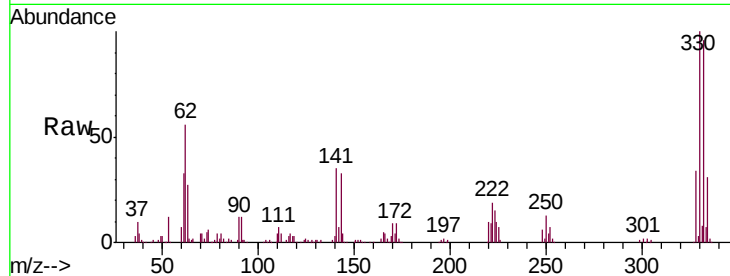




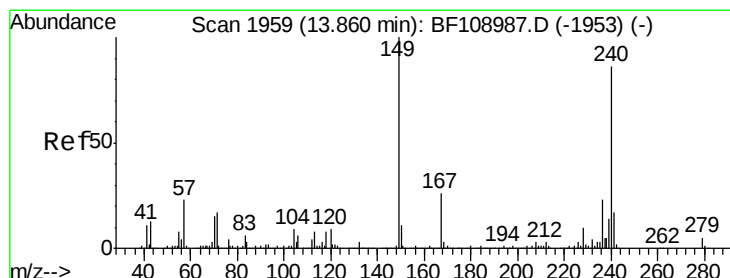
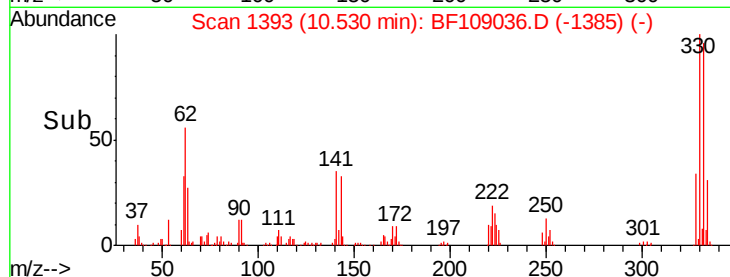
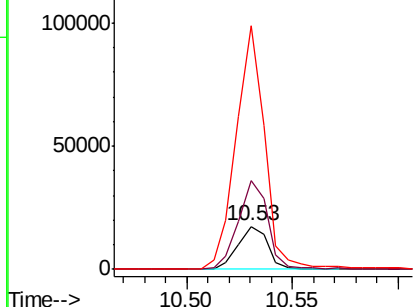
#66
4-Bromophenyl-phenylether
Concen: 2.843 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Tgt Ion:248 Resp: 17326
Ion Ratio Lower Upper
248 100
250 206.1 76.9 115.3#
141 565.3 74.4 111.6#

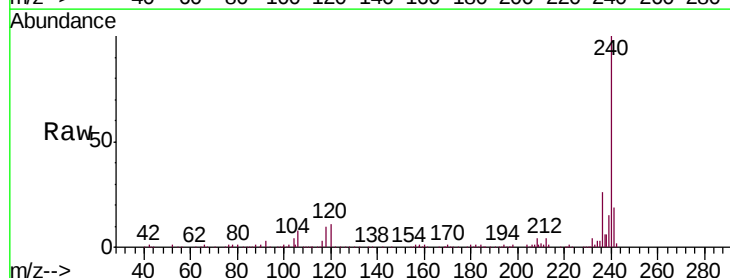


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

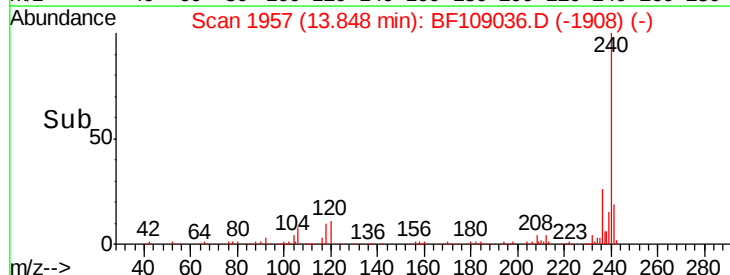
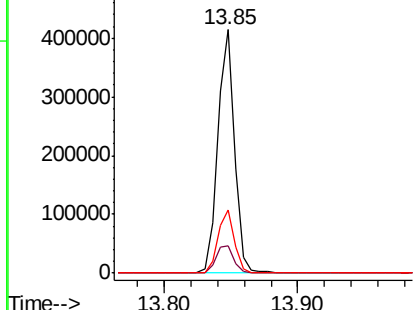


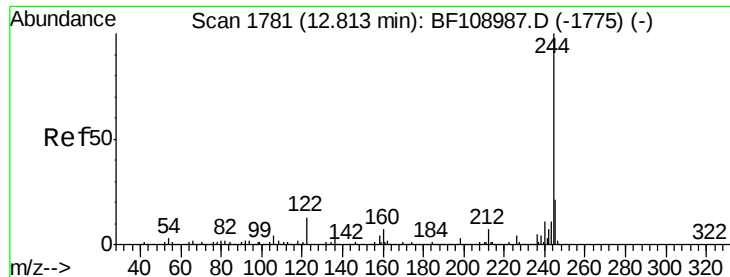
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Tgt Ion:240 Resp: 365683
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.8 20.7 31.1



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





#78

Terphenyl-d14

Concen: 113.833 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB112873BL

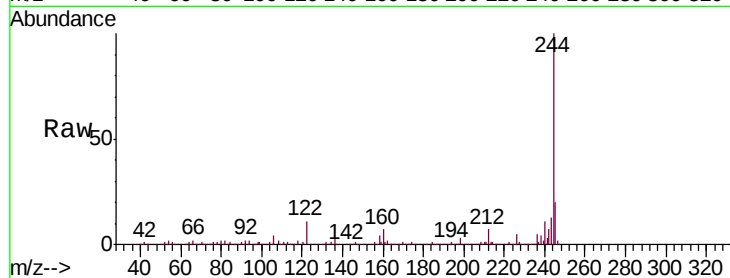
Tgt Ion:244 Resp: 1756210

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

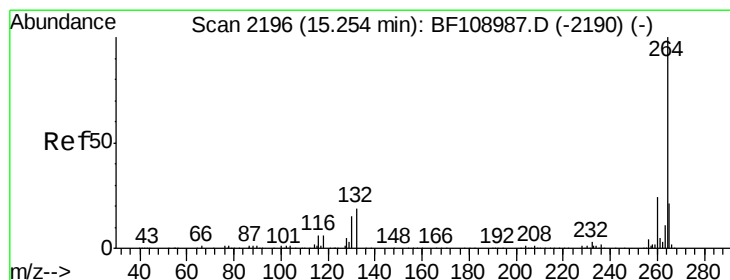
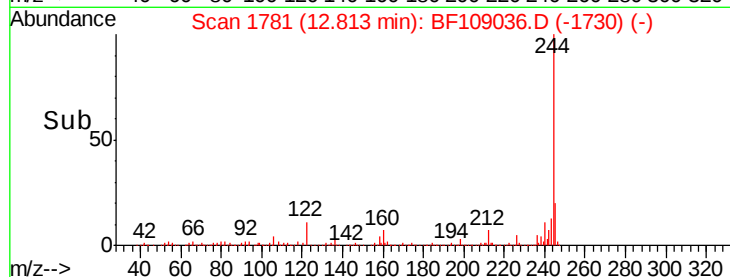
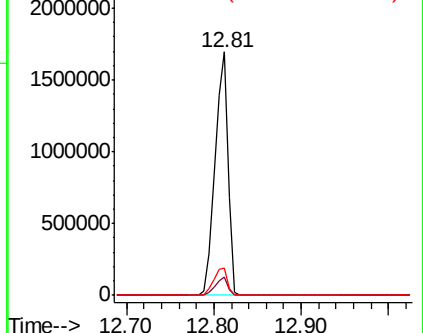
122 11.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

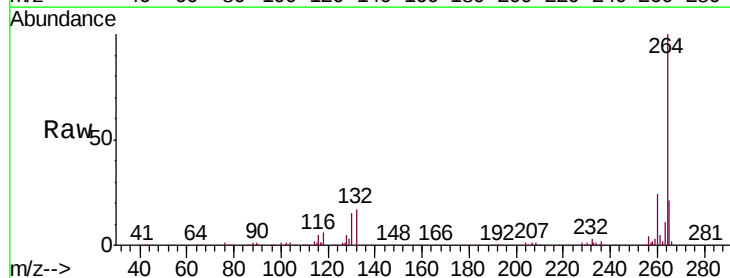
Tgt Ion:264 Resp: 364584

Ion Ratio Lower Upper

264 100

260 23.5 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

