

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109003.D
 Acq On : 14 Sep 2018 19:04
 Operator : JU/SJ
 Sample : J4906-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 15 00:09:03 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

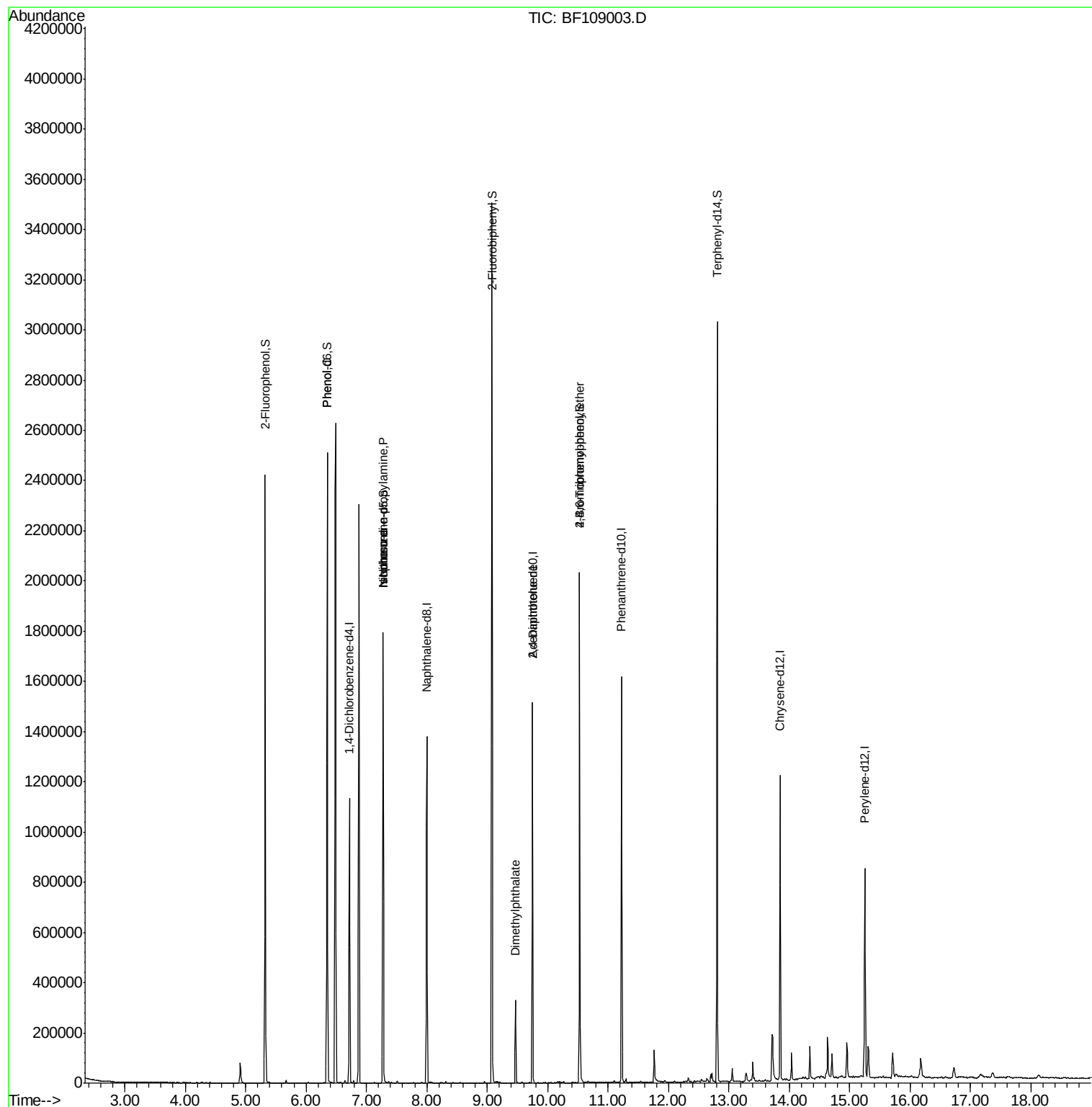
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147506	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	561390	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281662	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	540158	20.00	ng	0.00
75) Chrysene-d12	13.85	240	391708	20.00	ng	-0.01
86) Perylene-d12	15.25	264	379368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	688104	77.48	ng	0.00
7) Phenol-d6	6.35	99	898475	78.46	ng	0.00
23) Nitrobenzene-d5	7.28	82	556681	55.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	240925	78.82	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1009958	56.18	ng	0.00
78) Terphenyl-d14	12.81	244	976149	59.07	ng	0.00
Target Compounds						
10) Phenol	6.36	94	29543	2.293	ng	86
19) n-Nitroso-di-n-propylamine	7.28	70	74487	9.840	ng	# 76
25) Isophorone	7.28	82	552208	32.095	ng	# 64
49) Dimethylphthalate	9.47	163	125615	6.240	ng	99
56) 2,4-Dinitrotoluene	9.75	165	36782	6.300	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	15079	2.476	ng	# 1

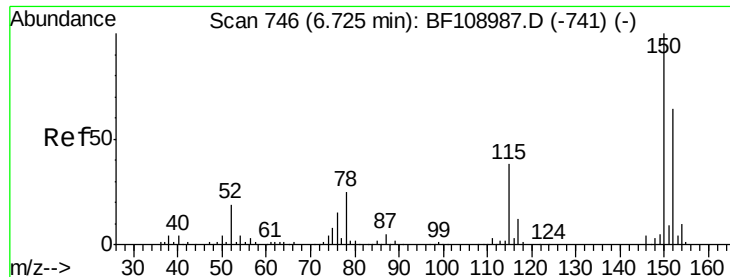
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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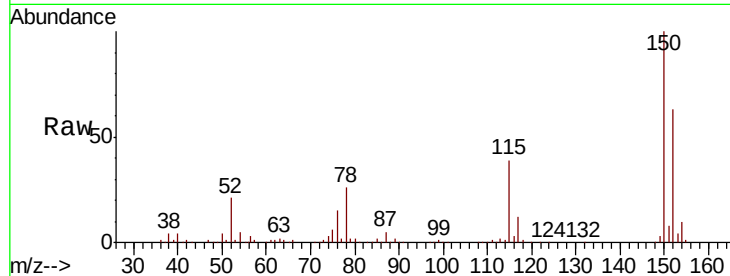


#1

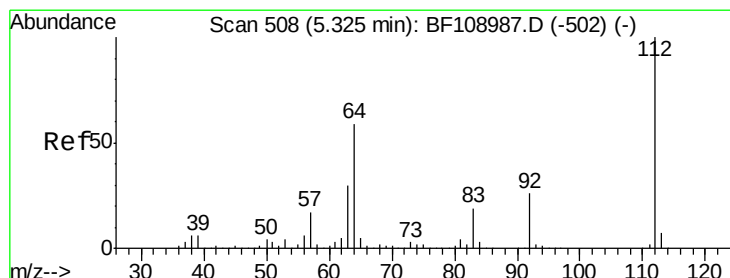
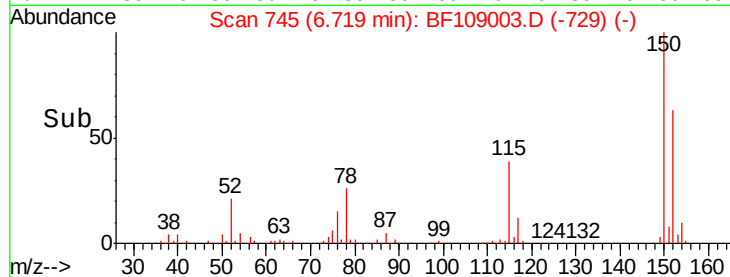
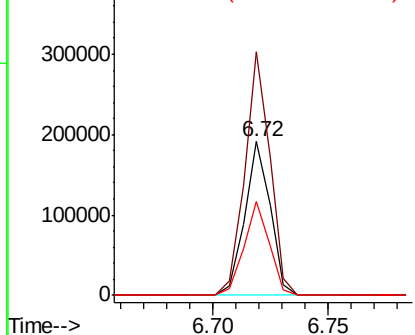
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tgt Ion:152 Resp: 147506
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 61.4 50.1 75.1



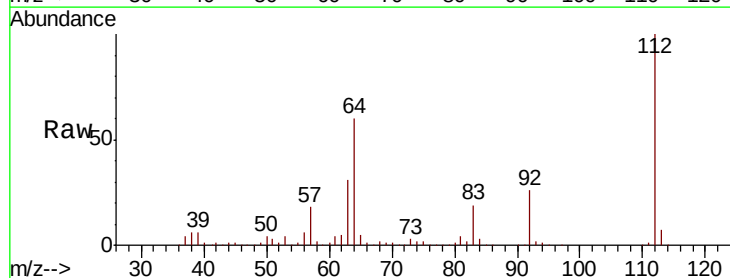
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



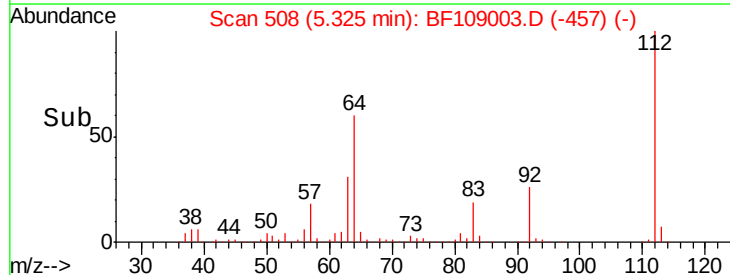
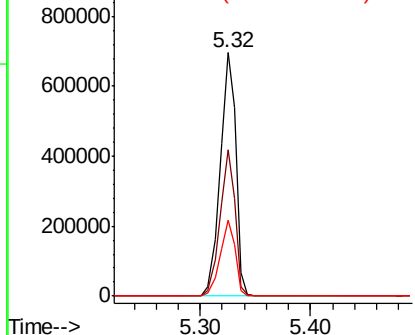
#5

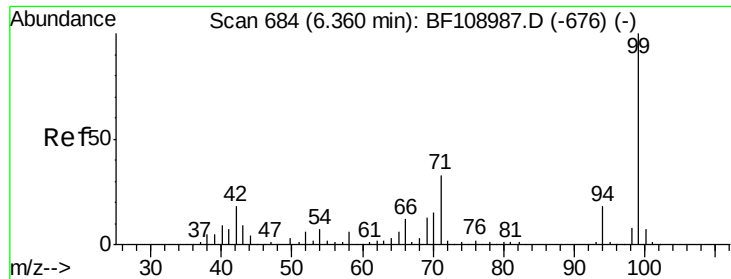
2-Fluorophenol
Concen: 77.479 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion:112 Resp: 688104
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.2 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: 78.457 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

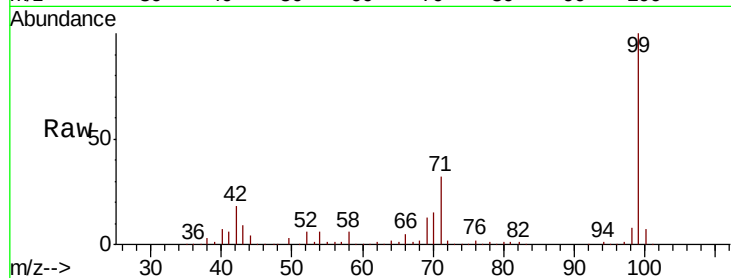
Tgt Ion: 99 Resp: 898475

Ion Ratio Lower Upper

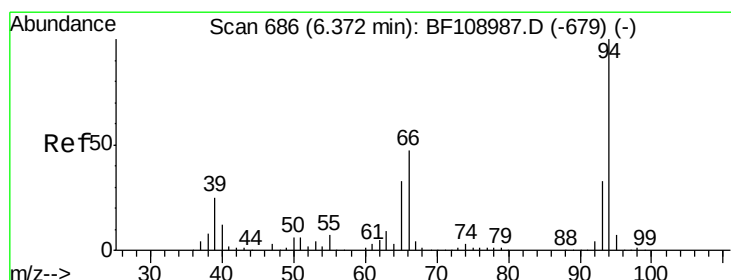
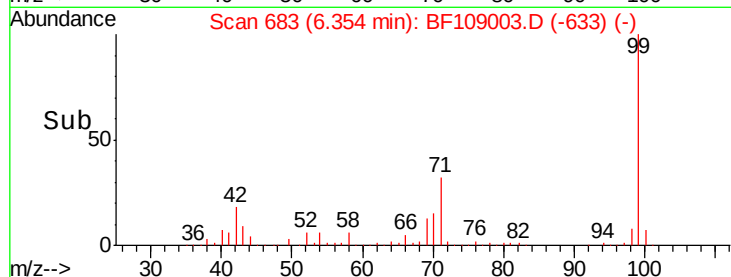
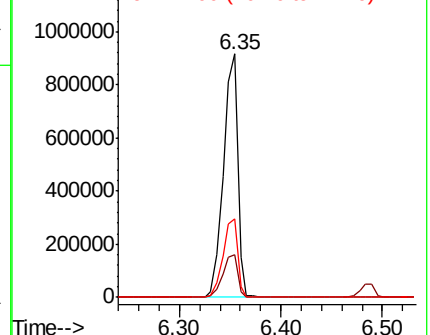
99 100

42 17.6 14.5 21.7

71 32.3 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



#10

Phenol

Concen: 2.293 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

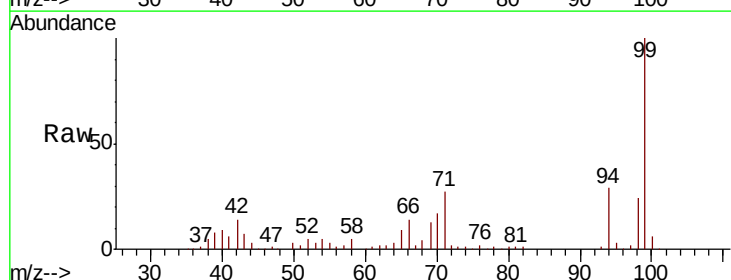
Tgt Ion: 94 Resp: 29543

Ion Ratio Lower Upper

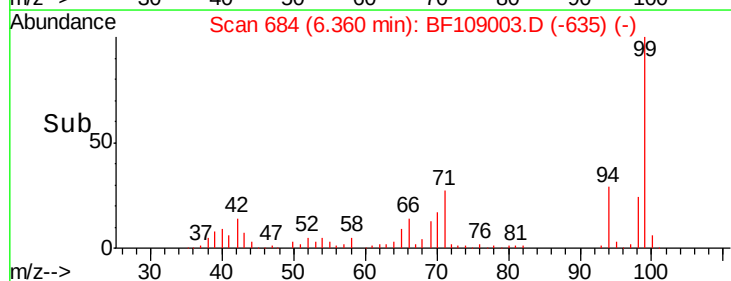
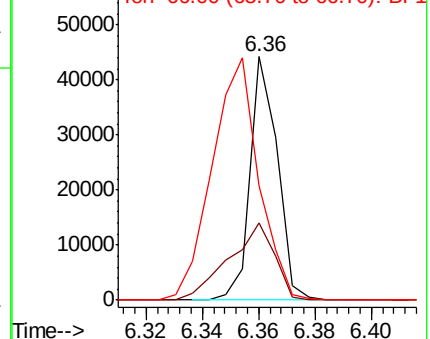
94 100

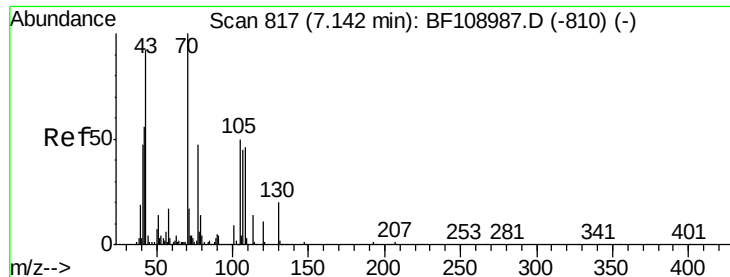
65 31.8 7.9 47.9

66 47.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

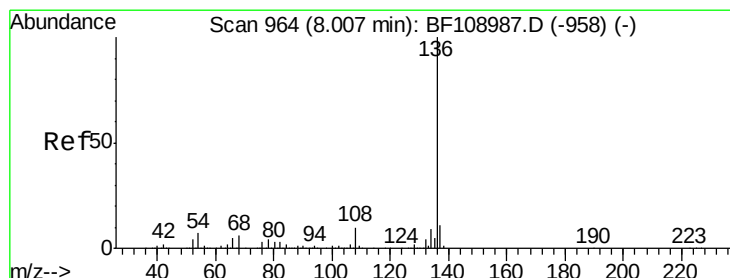
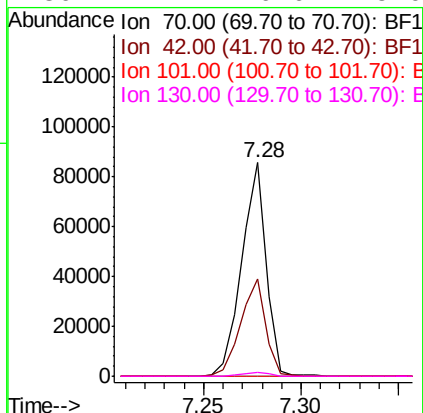
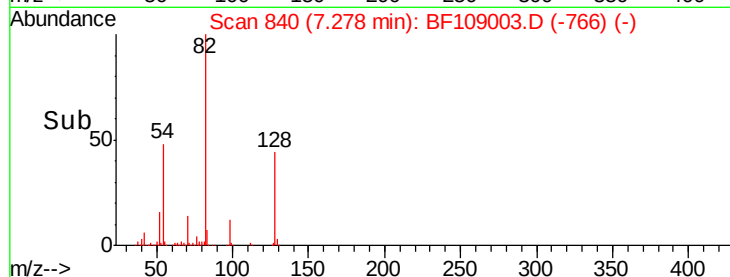
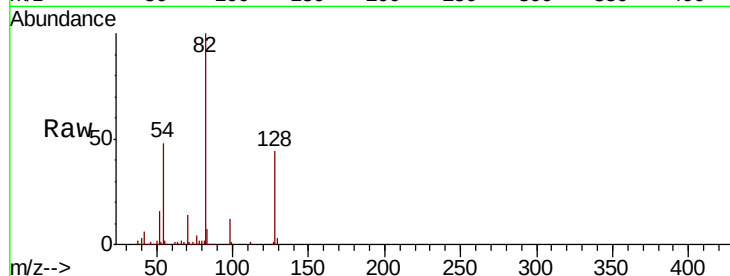




#19
n-Nitroso-di-n-propylamine
Concen: 9.840 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

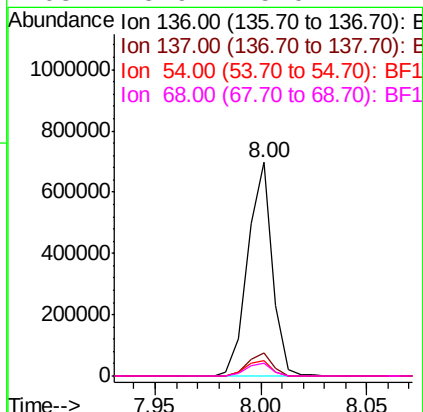
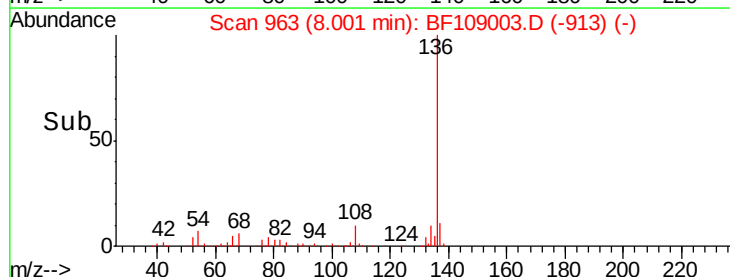
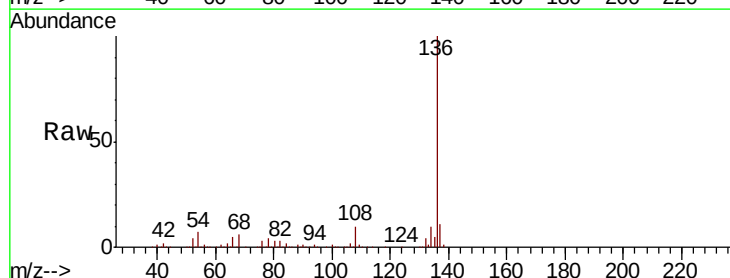
Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

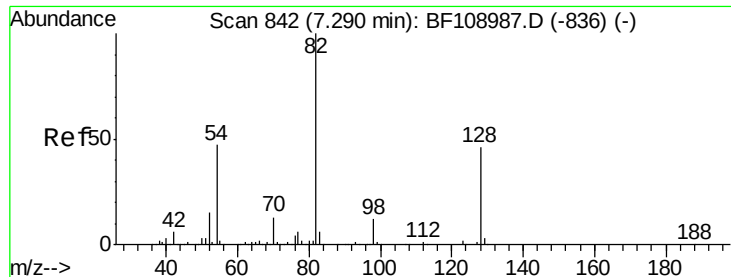
Tgt Ion: 70 Resp: 74487
Ion Ratio Lower Upper
70 100
42 45.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion: 136 Resp: 561390
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

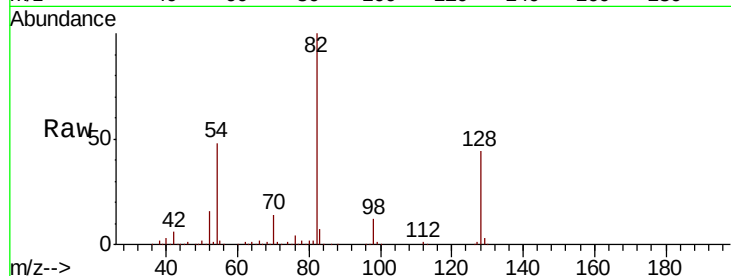




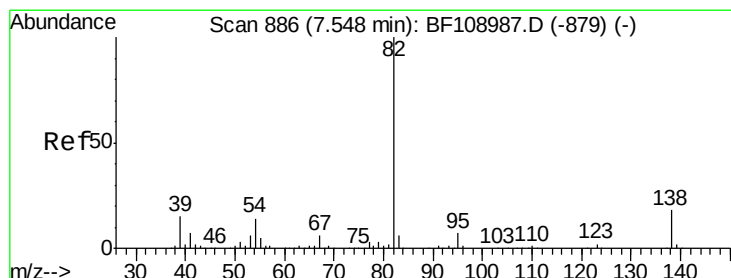
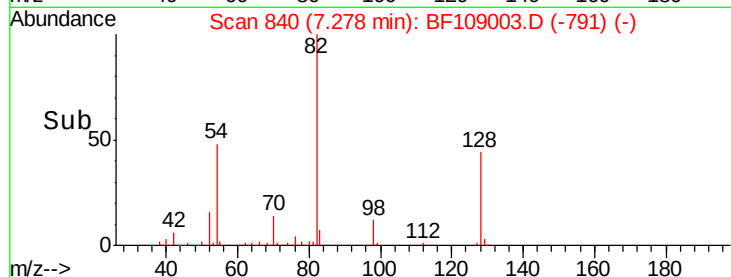
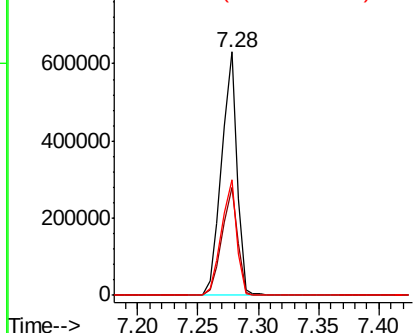
#23
 Nitrobenzene-d5
 Concen: 55.618 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.6	41.4	62.2

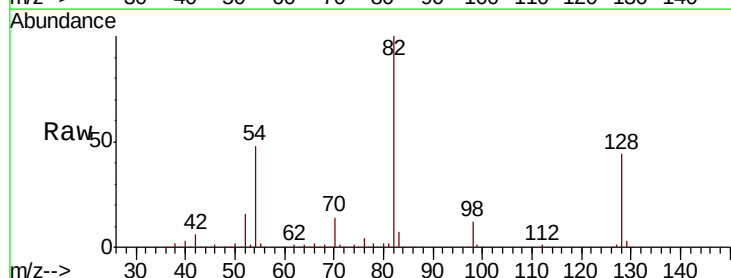


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

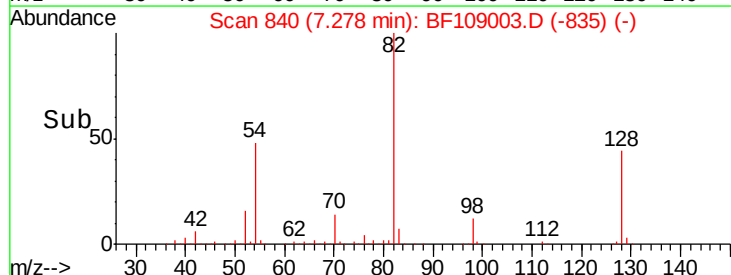
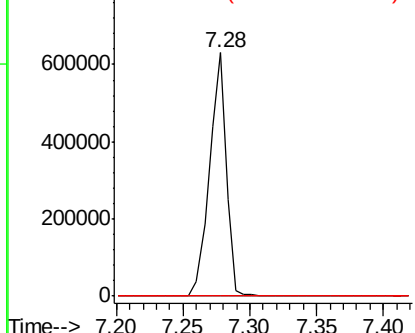


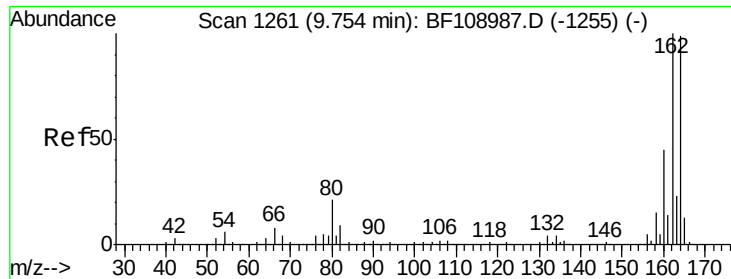
#25
 Isophorone
 Concen: 32.095 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.27 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

Tgt 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): BF1

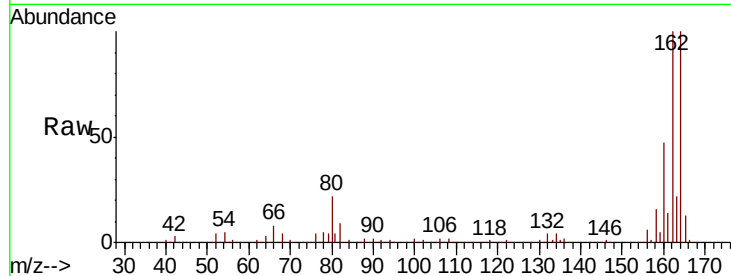




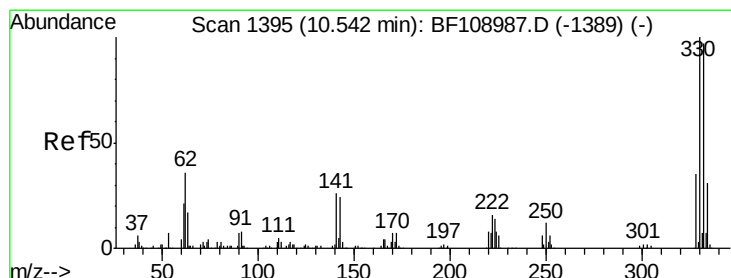
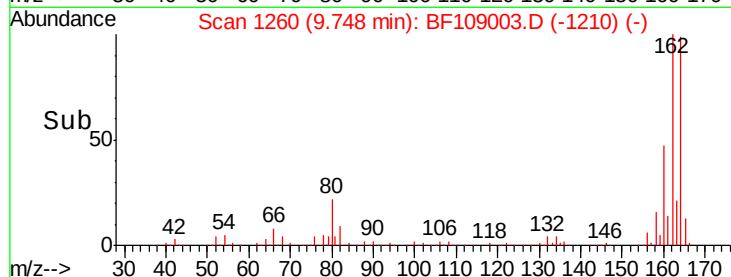
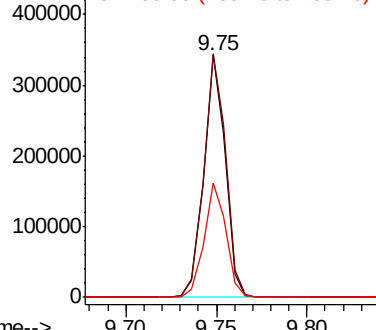
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tgt Ion:164 Resp: 281662
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 47.0 38.3 57.5

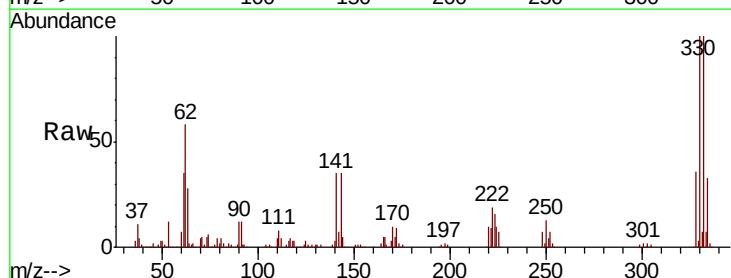


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

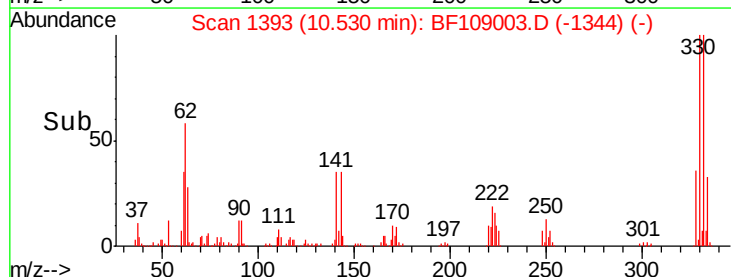
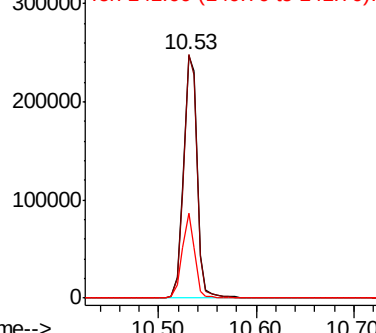


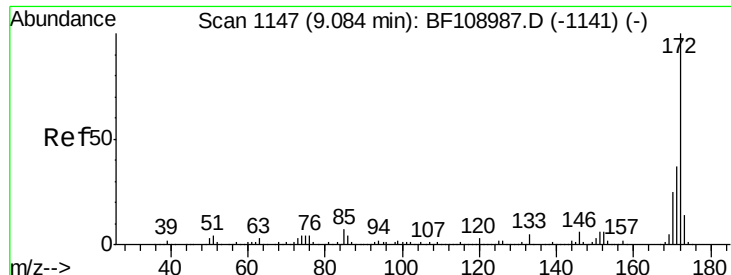
#41
2,4,6-Tribromophenol
Concen: 78.816 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion:330 Resp: 240925
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 31.6 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

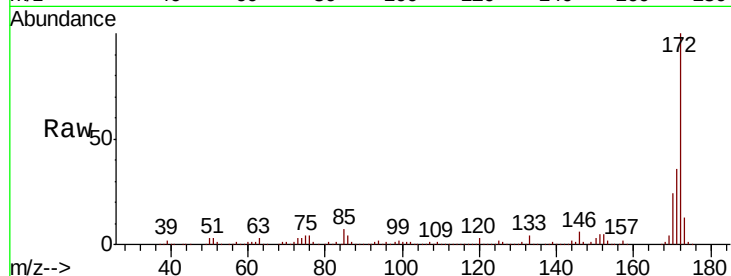




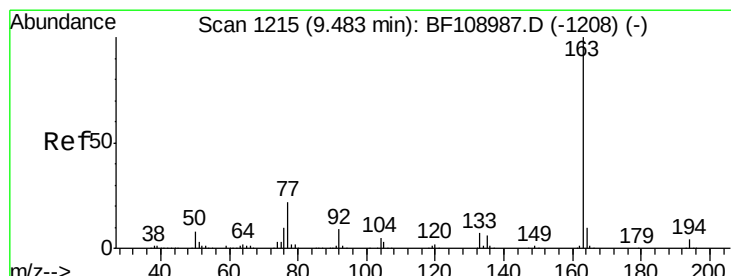
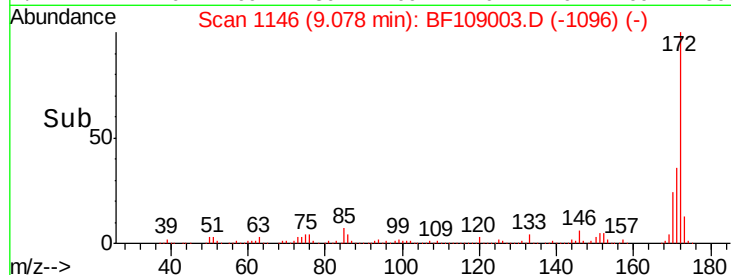
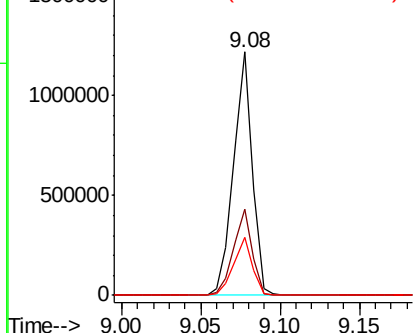
#44
2-Fluorobiphenyl
Concen: 56.178 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tgt Ion:172 Resp: 1009958
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.9 19.6 29.4

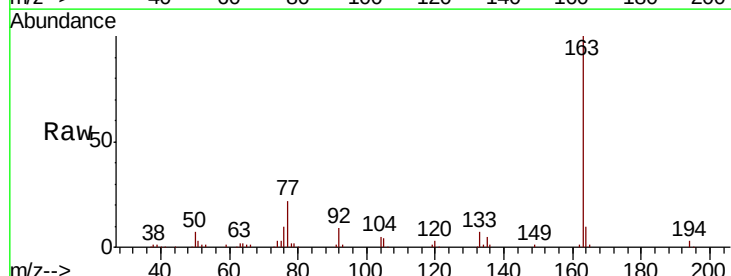


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

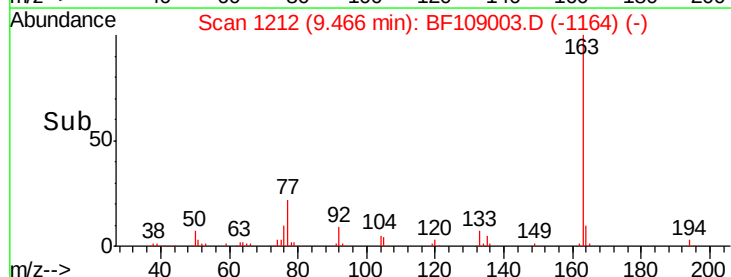
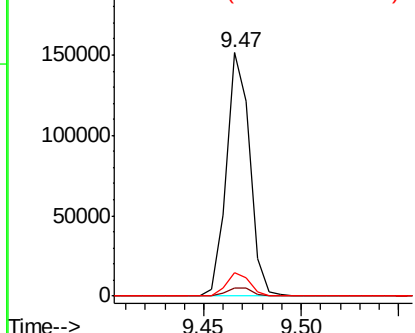


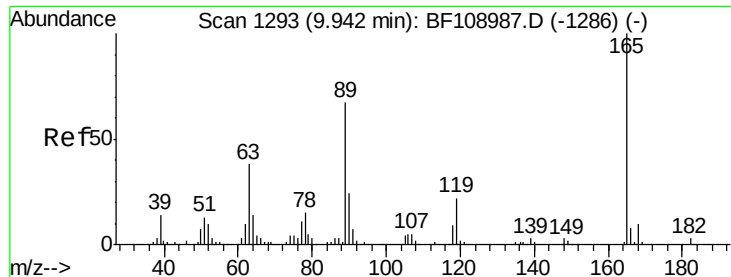
#49
Dimethylphthalate
Concen: 6.240 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109003.D
Acq: 14 Sep 2018 19:04

Tgt Ion:163 Resp: 125615
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 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

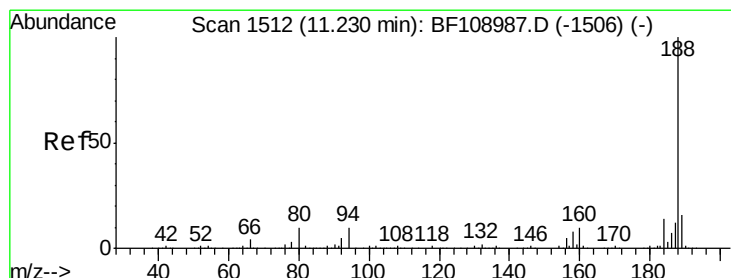
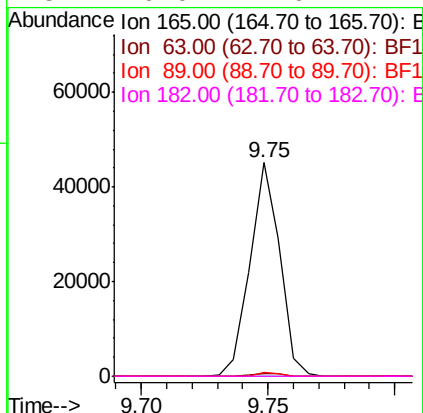
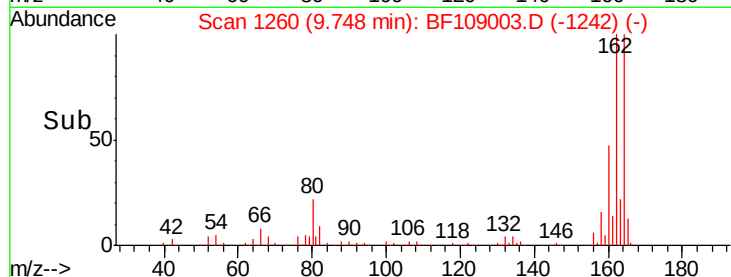
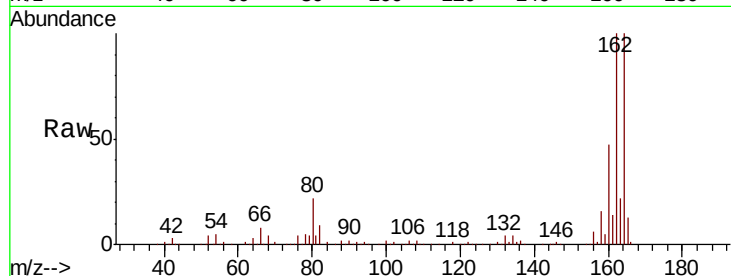




#56
 2,4-Dinitrotoluene
 Concen: 6.300 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

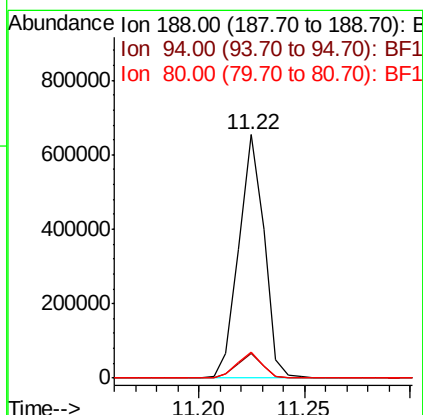
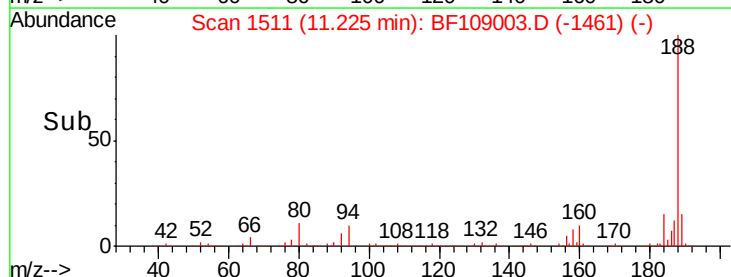
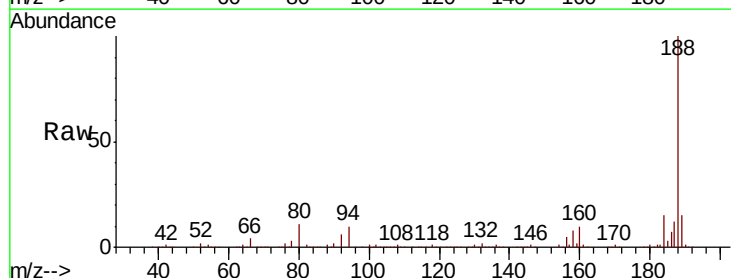
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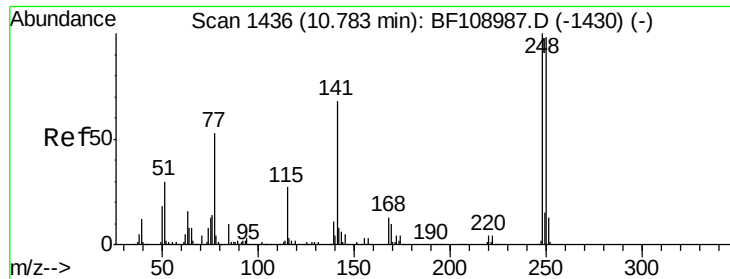
Tgt Ion:	165	Resp:	36782
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

Tgt Ion:	188	Resp:	540158
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

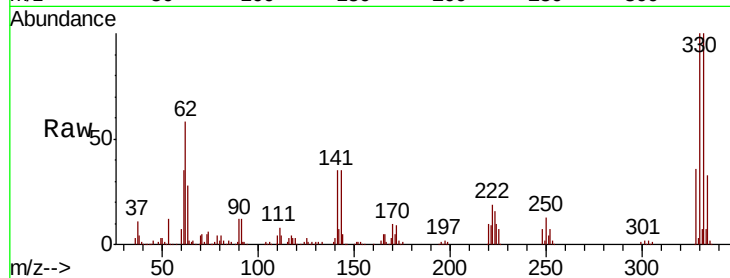




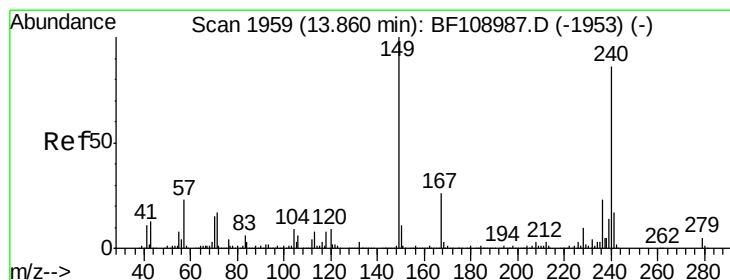
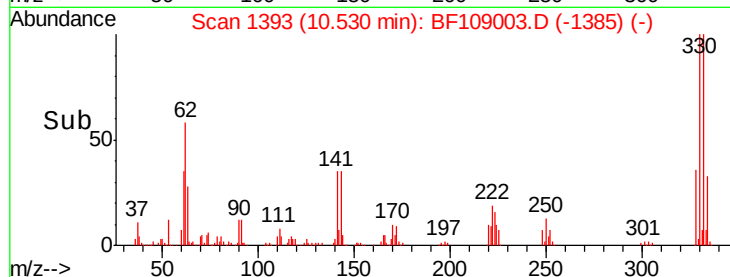
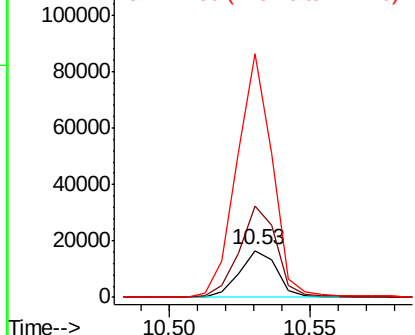
#66
 4-Bromophenyl-phenylether
 Concen: 2.476 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Tgt Ion:248 Resp: 15079
 Ion Ratio Lower Upper
 248 100
 250 192.9 76.9 115.3#
 141 517.0 74.4 111.6#

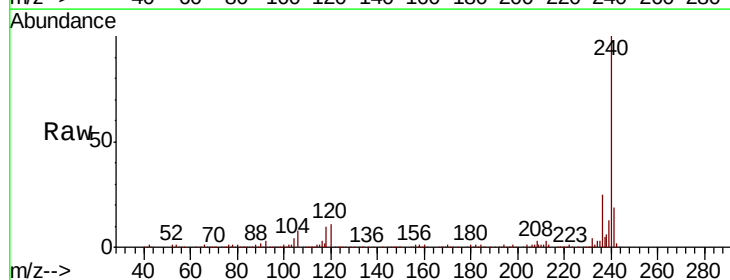


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

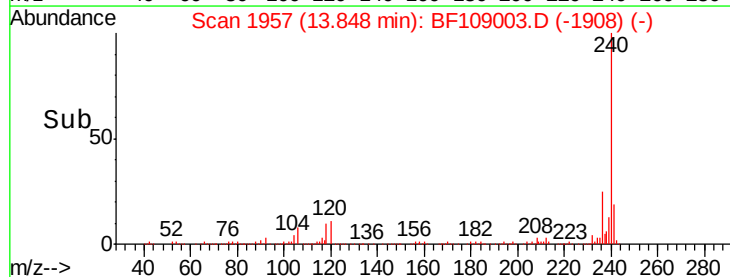
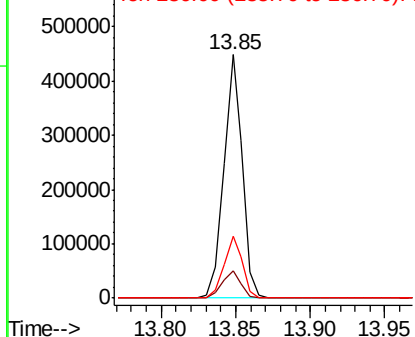


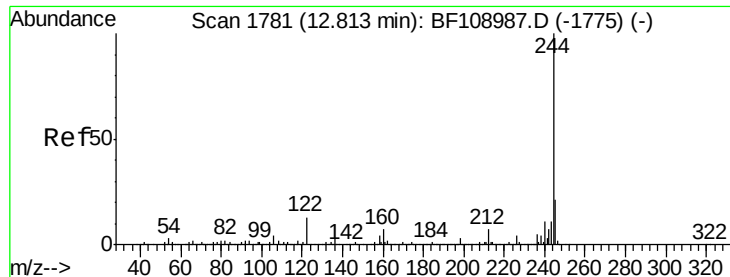
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109003.D
 Acq: 14 Sep 2018 19:04

Tgt Ion:240 Resp: 391708
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.5 14.3
 236 25.5 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: 59.068 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

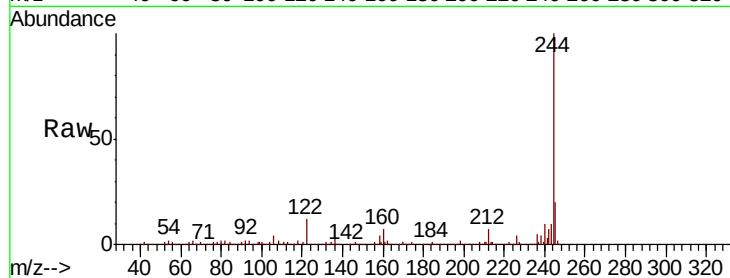
Tgt Ion:244 Resp: 976149

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

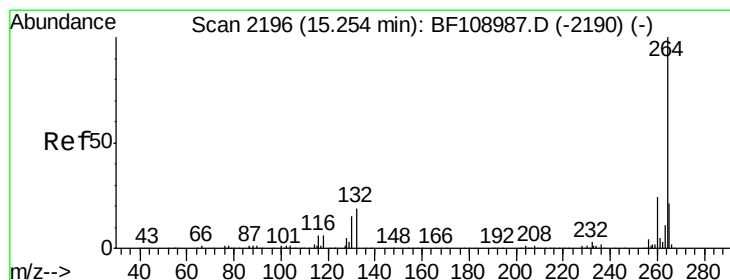
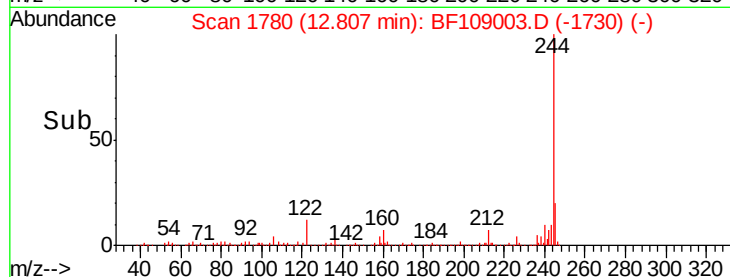
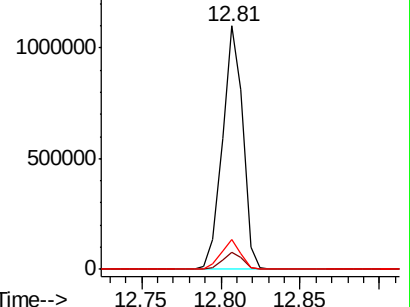
122 12.2 11.0 16.4



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# 2196

Delta R.T. -0.00 min

Lab File: BF109003.D

Acq: 14 Sep 2018 19:04

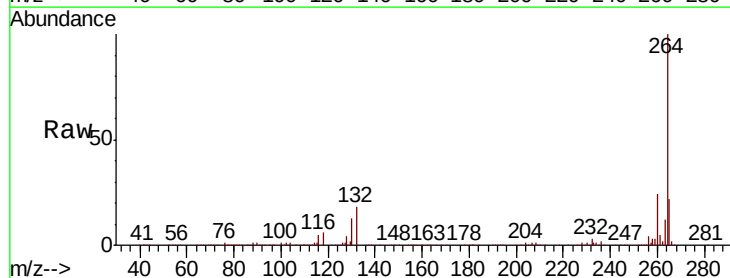
Tgt Ion:264 Resp: 379368

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.7 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

