

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109004.D
 Acq On : 14 Sep 2018 19:31
 Operator : JU/SJ
 Sample : J4906-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Quant Time: Sep 15 00:09:12 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

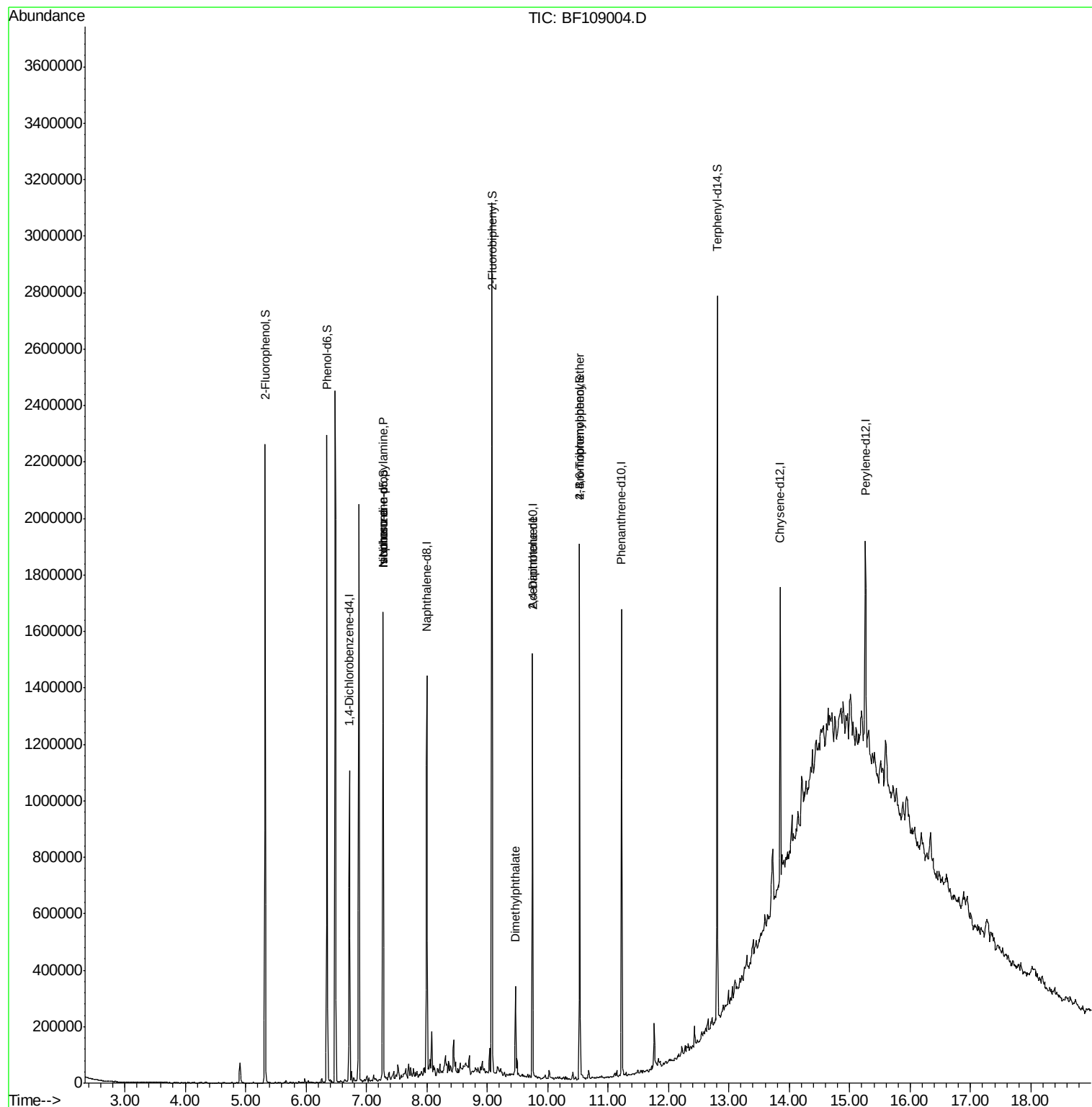
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147839	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	570792	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	282331	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	550586	20.00	ng	0.00
75) Chrysene-d12	13.85	240	377393	20.00	ng	-0.01
86) Perylene-d12	15.26	264	359132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	626085	70.34	ng	0.00
7) Phenol-d6	6.35	99	827755	72.12	ng	-0.01
23) Nitrobenzene-d5	7.28	82	513052	50.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	227150	74.13	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	909936	50.49	ng	0.00
78) Terphenyl-d14	12.81	244	846651	53.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	72108	9.504	ng	# 76
25) Isophorone	7.28	82	506771	28.969	ng	# 64
49) Dimethylphthalate	9.47	163	114159	5.657	ng	99
56) 2,4-Dinitrotoluene	9.75	165	36346	6.210	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	13363	2.153	ng	# 1

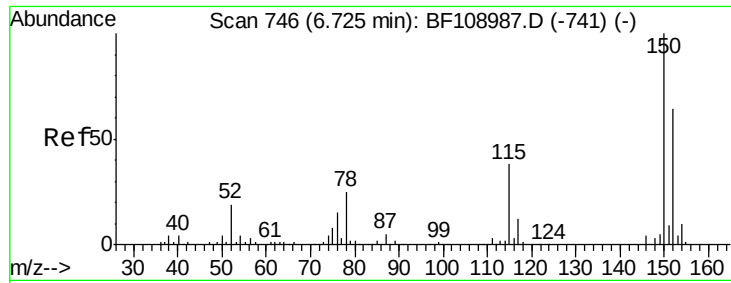
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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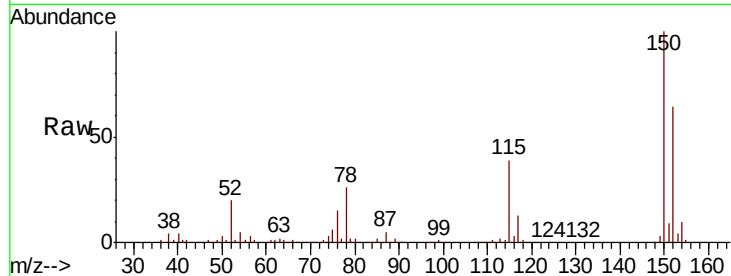


#1

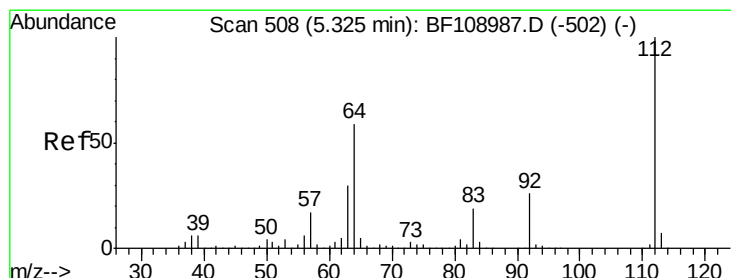
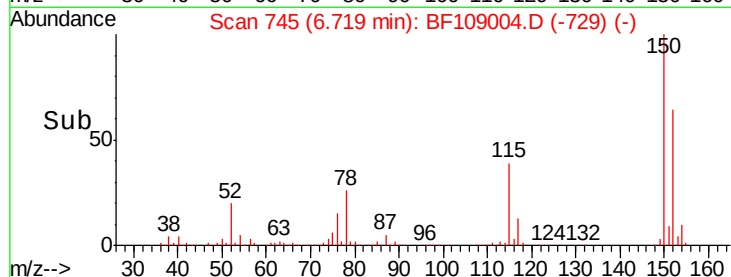
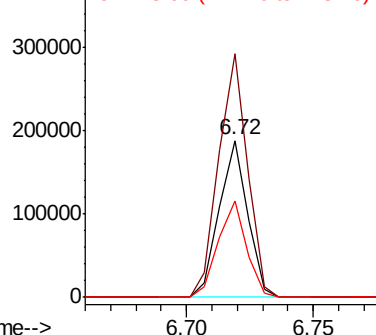
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampleId :
SP-PIT-4

Tgt Ion:152 Resp: 147839
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.3 50.1 75.1



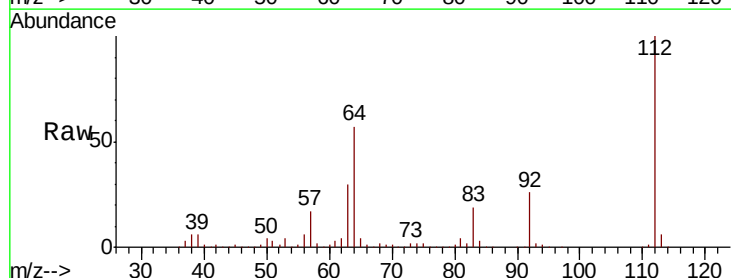
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



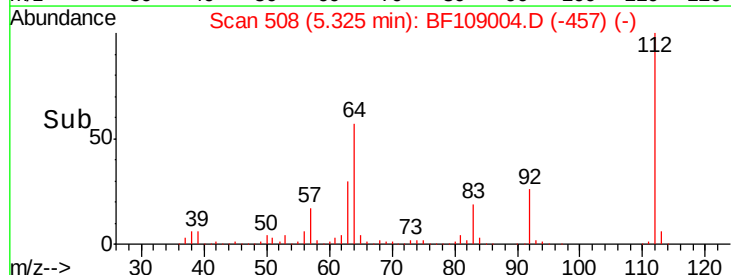
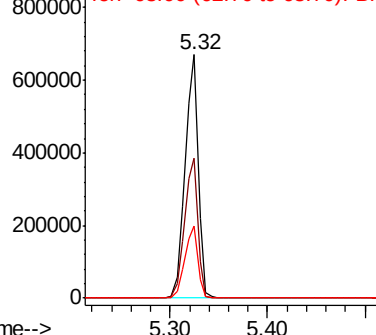
#5

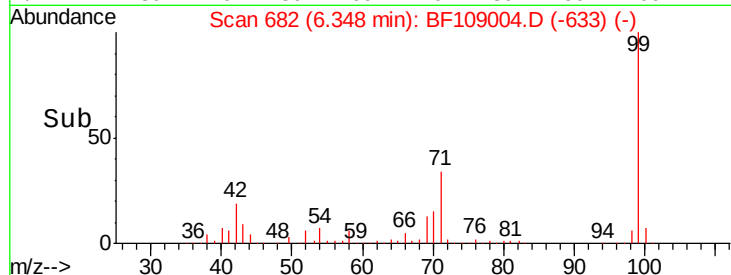
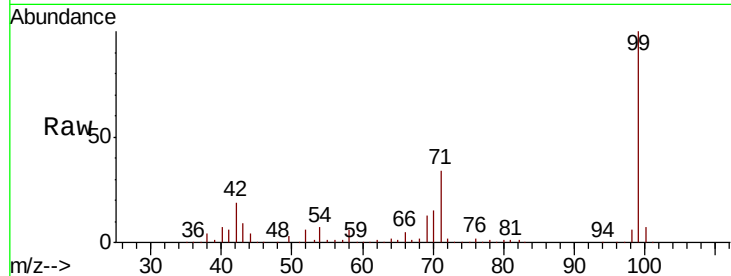
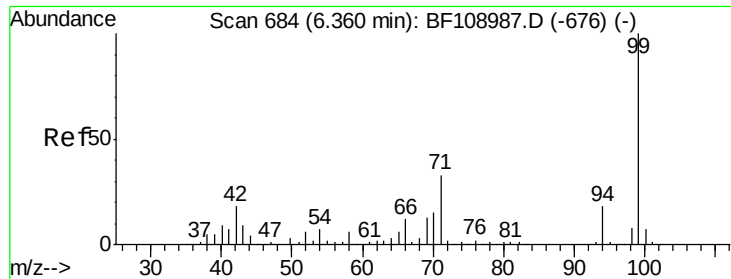
2-Fluorophenol
Concen: 70.337 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Tgt Ion:112 Resp: 626085
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 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: 72.119 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampled :

SP-PIT-4

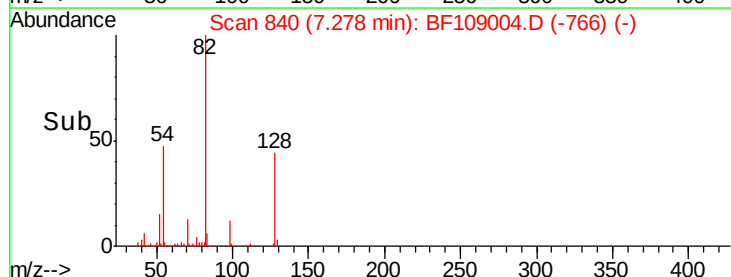
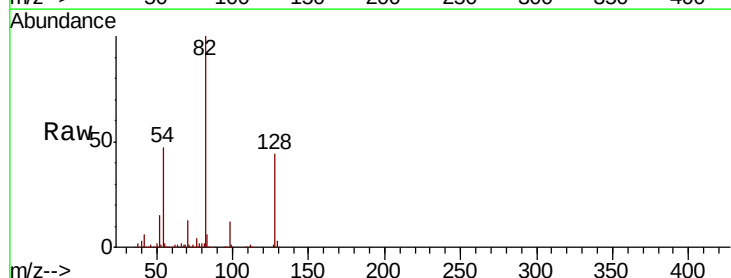
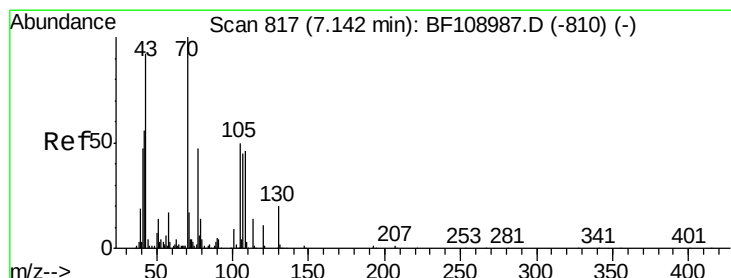
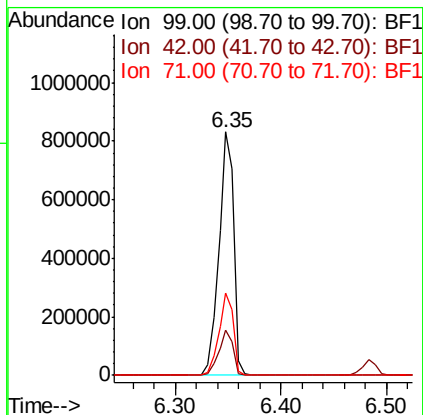
Tgt Ion: 99 Resp: 827755

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 33.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.504 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Tgt Ion: 70 Resp: 72108

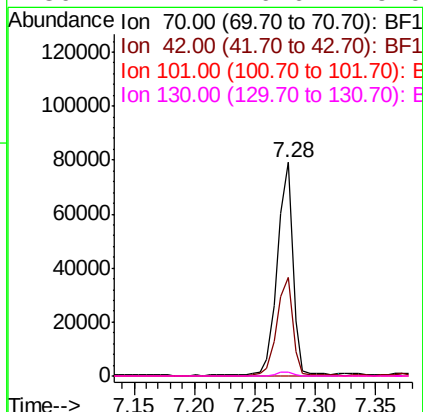
Ion Ratio Lower Upper

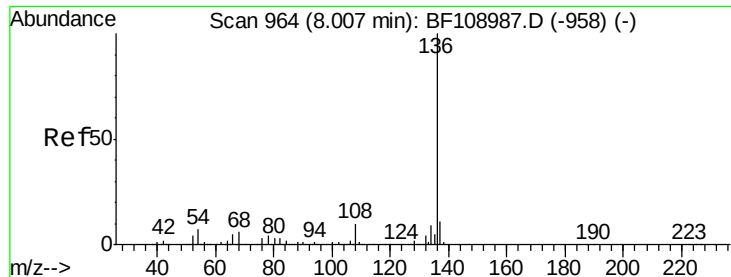
70 100

42 46.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

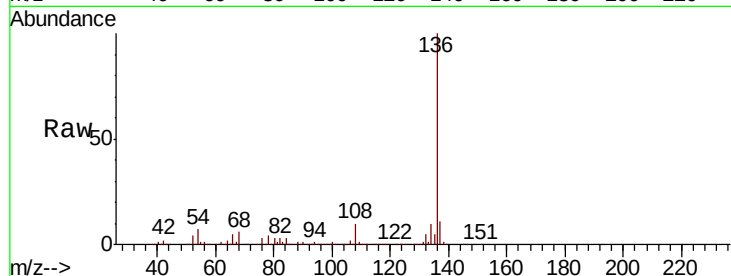




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampleId :
SP-PIT-4

Tgt Ion:	136	Resp:	570792
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	6.6	9.8
68	6.0	5.0	7.4



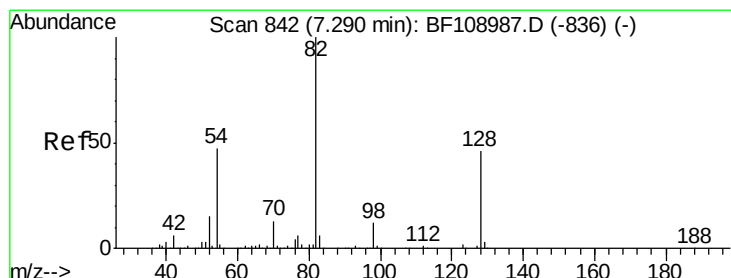
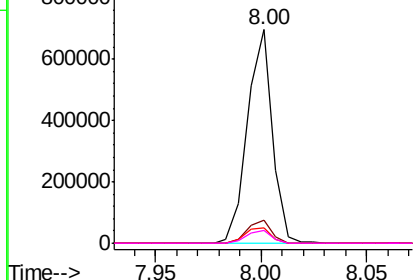
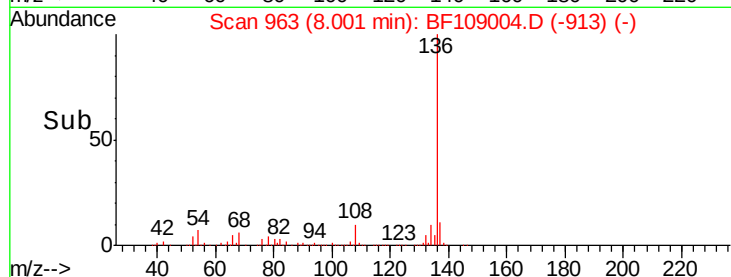
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

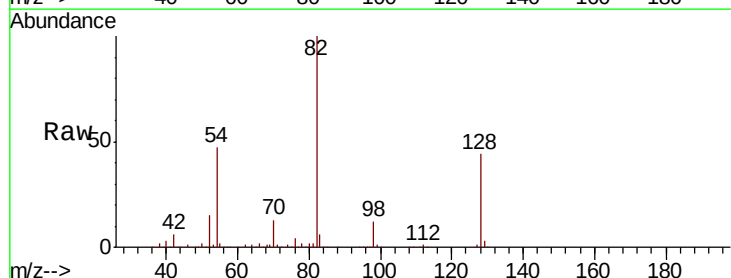
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 50.414 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Tgt Ion:	82	Resp:	513052
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	46.6	41.4	62.2

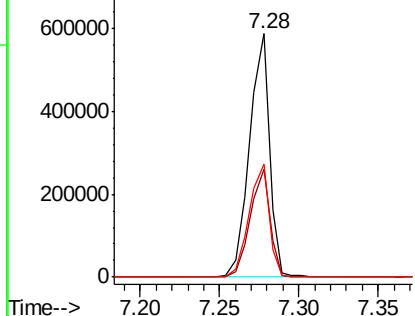
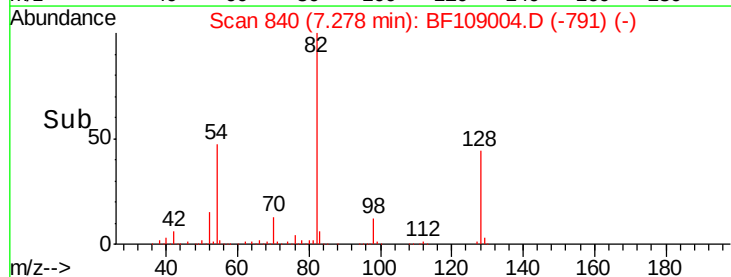


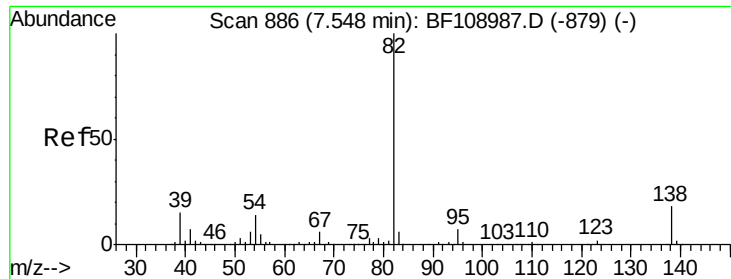
Abundance

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: 28.969 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampled :

SP-PIT-4

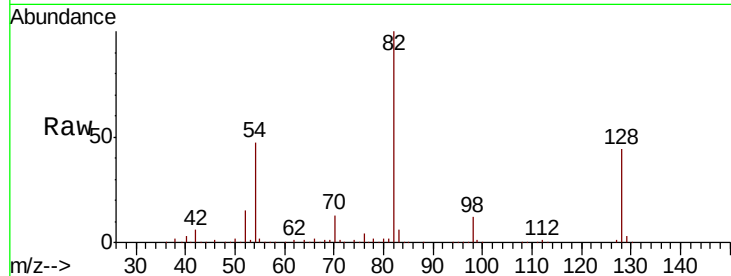
Tgt Ion: 82 Resp: 506771

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

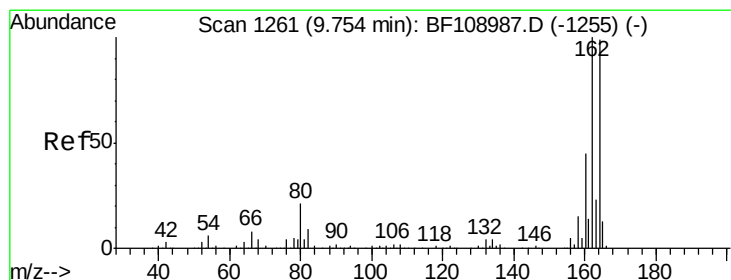
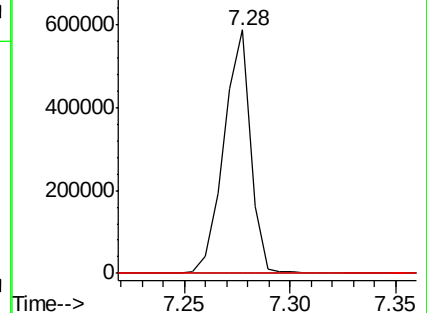
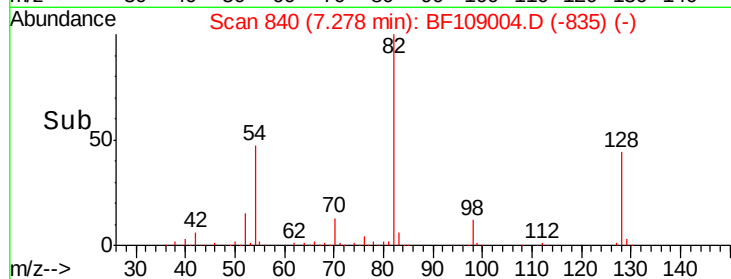
138 0.0 14.9 22.3#



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: BF109004.D

Acq: 14 Sep 2018 19:31

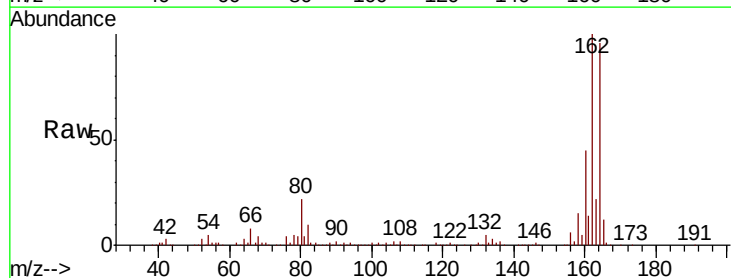
Tgt Ion: 164 Resp: 282331

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

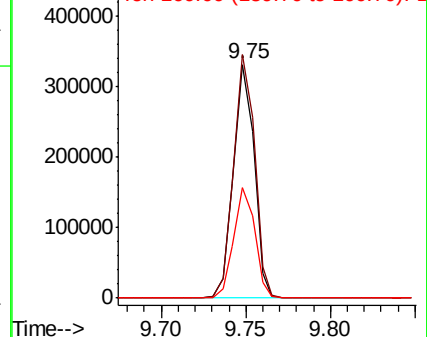
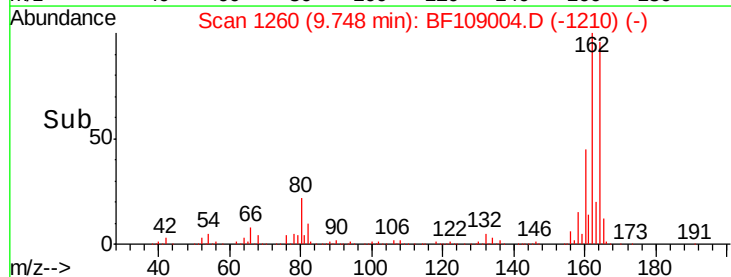
160 47.2 38.3 57.5

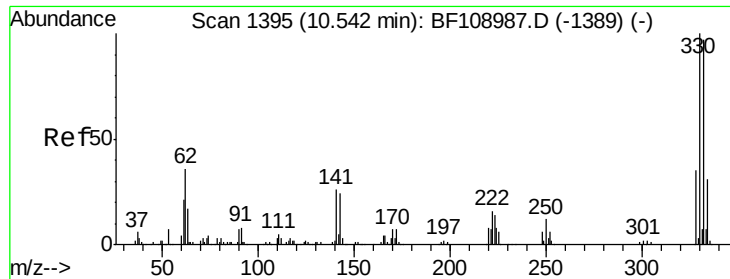


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

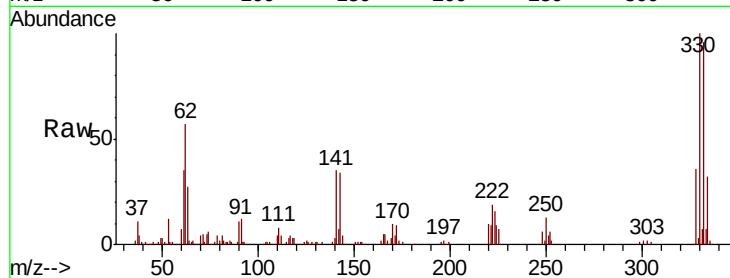




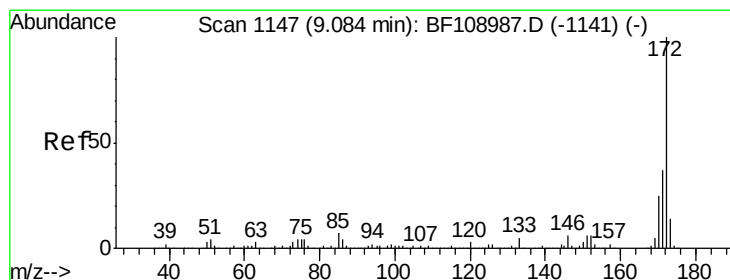
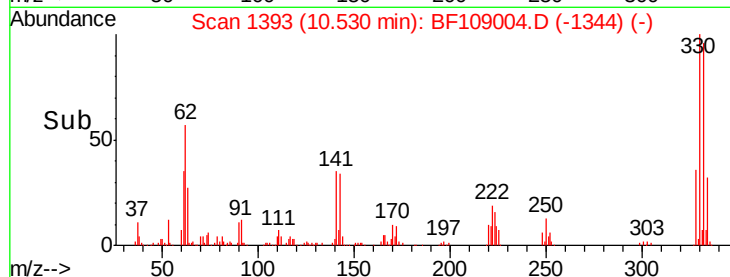
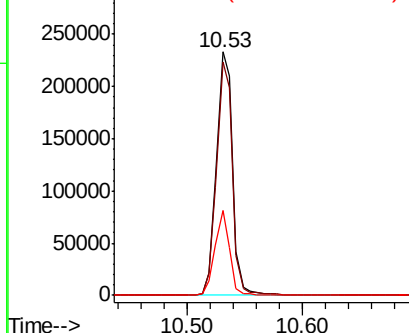
#41
 2,4,6-Tribromophenol
 Concen: 74.134 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

Tgt Ion:330 Resp: 227150
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.6
 141 32.0 29.9 44.9

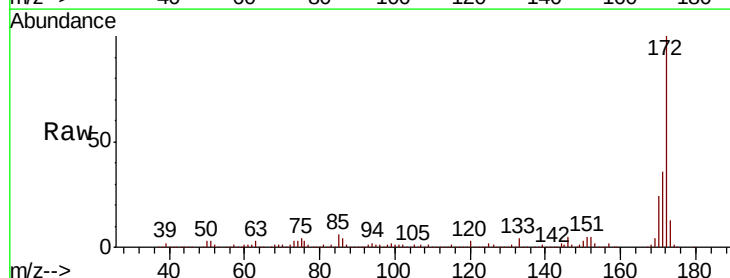


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

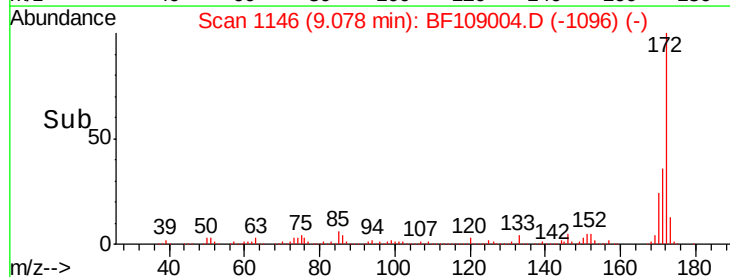
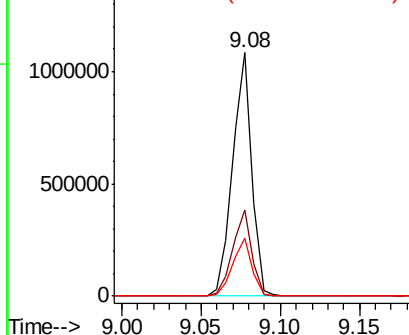


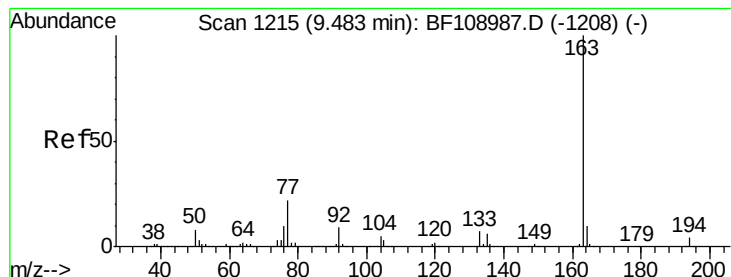
#44
 2-Fluorobiphenyl
 Concen: 50.495 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

Tgt Ion:172 Resp: 909936
 Ion Ratio Lower Upper
 172 100
 171 35.5 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: 5.657 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Instrument :

BNA_F

ClientSampleId :

SP-PIT-4

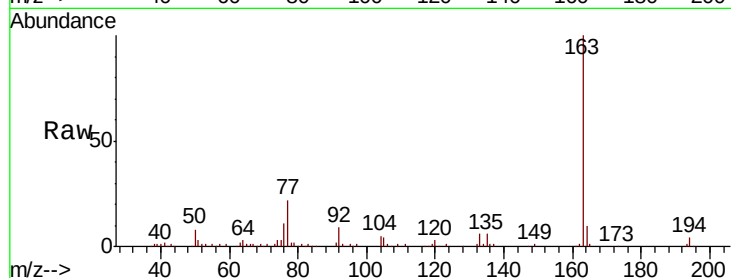
Tgt Ion:163 Resp: 114159

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

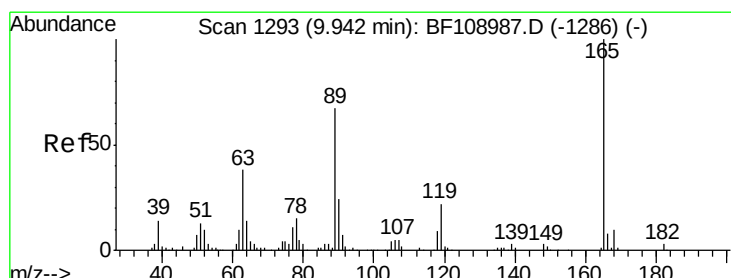
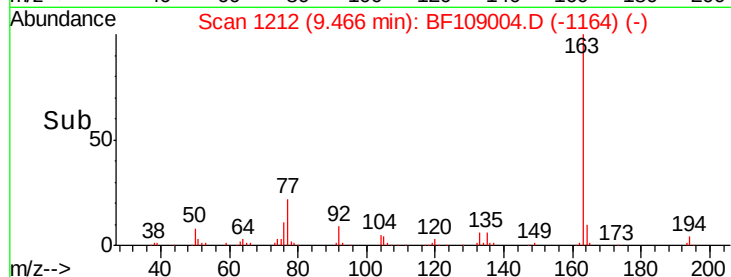
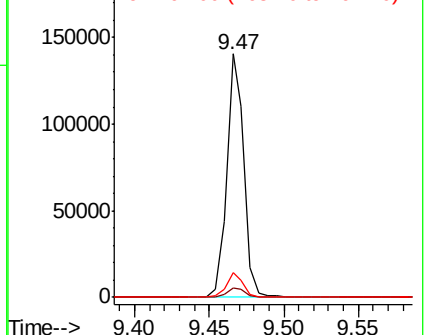
164 10.4 8.2 12.2



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: 6.210 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109004.D

Acq: 14 Sep 2018 19:31

Tgt Ion:165 Resp: 36346

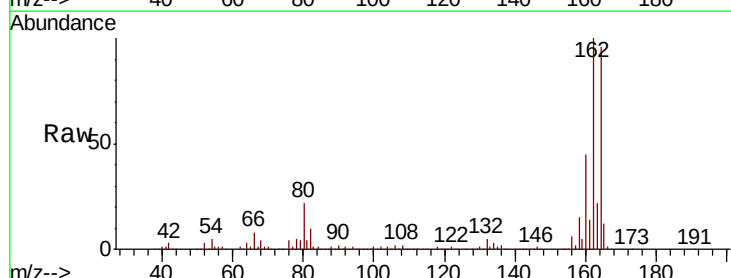
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

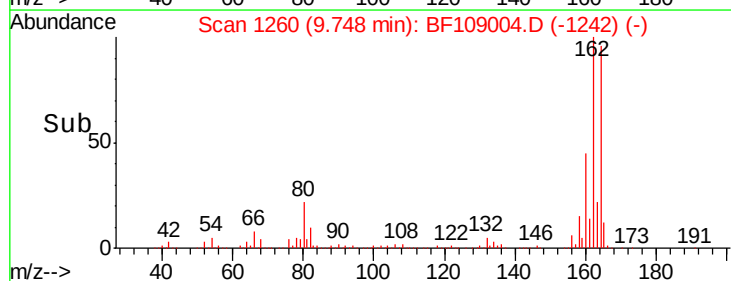
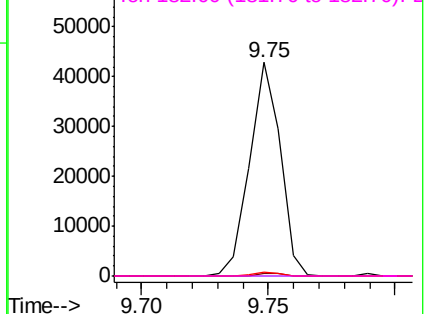


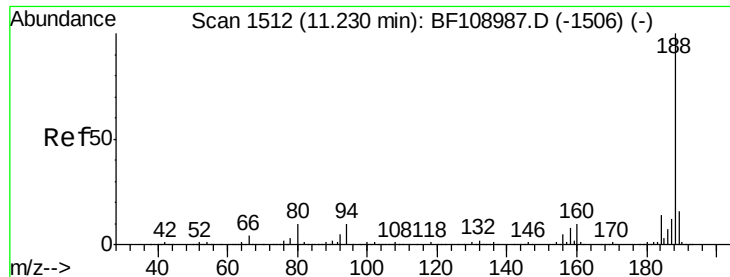
Abundance Ion 165.00 (164.70 to 165.70): E

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

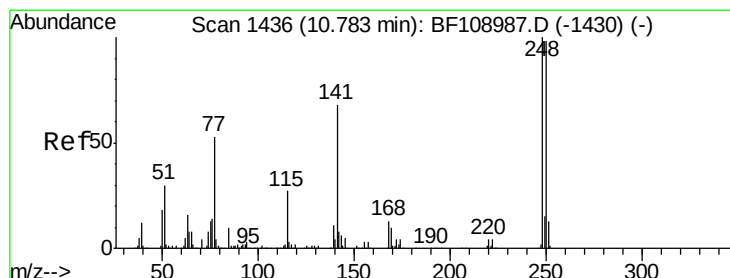
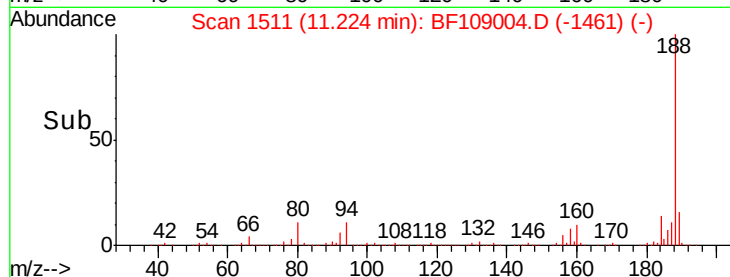
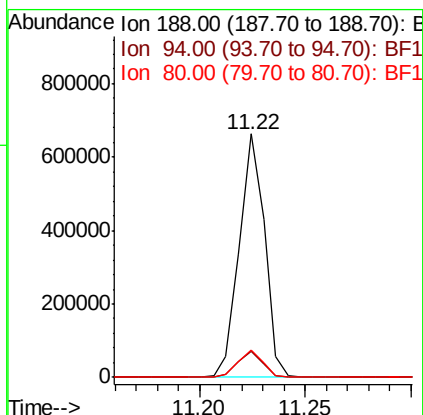
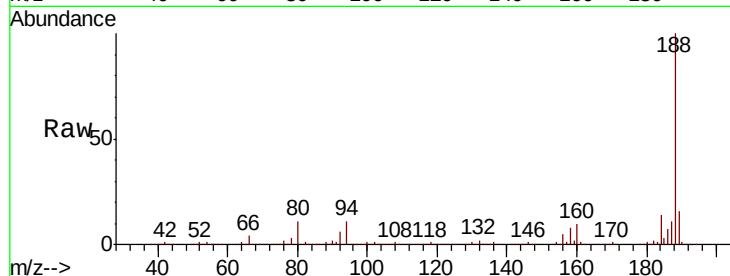




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

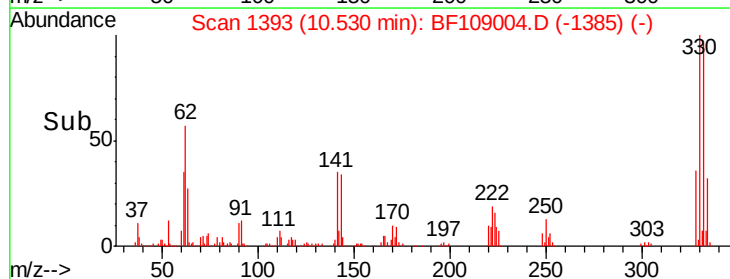
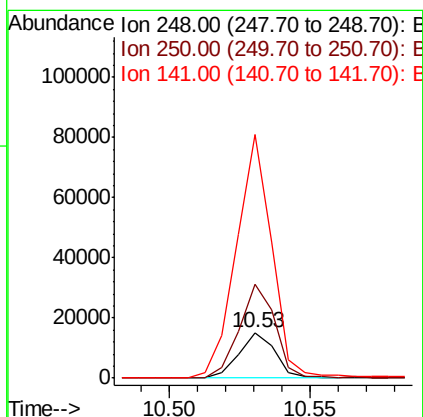
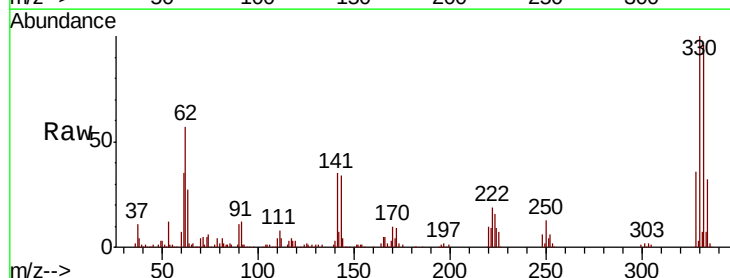
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-4

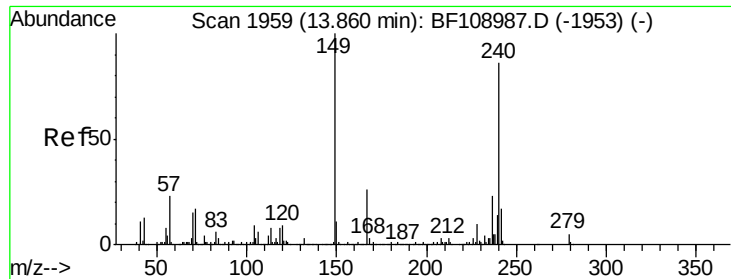
Tgt Ion:188 Resp: 550586
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.1 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.153 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109004.D
 Acq: 14 Sep 2018 19:31

Tgt Ion:248 Resp: 13363
 Ion Ratio Lower Upper
 248 100
 250 208.4 76.9 115.3#
 141 538.5 74.4 111.6#

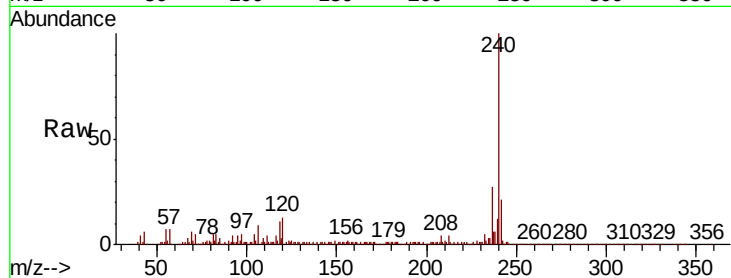




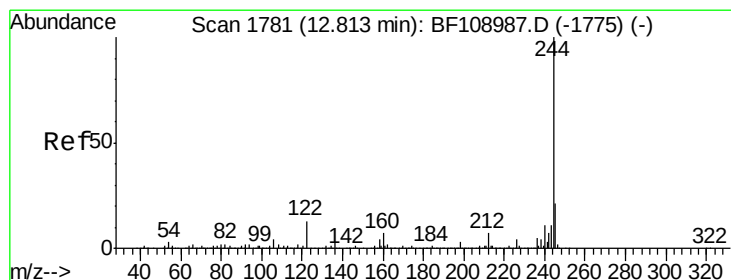
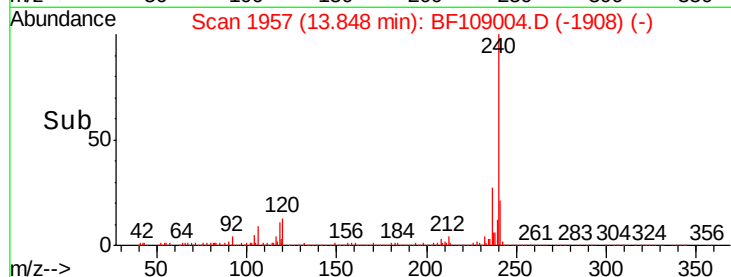
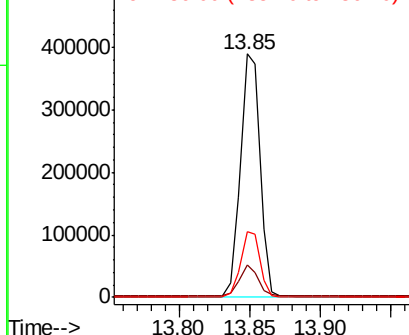
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampled :
SP-PIT-4

Tgt Ion:240 Resp: 377393
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 26.9 20.7 31.1

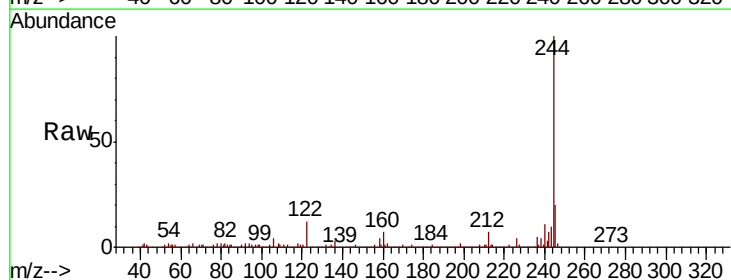


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

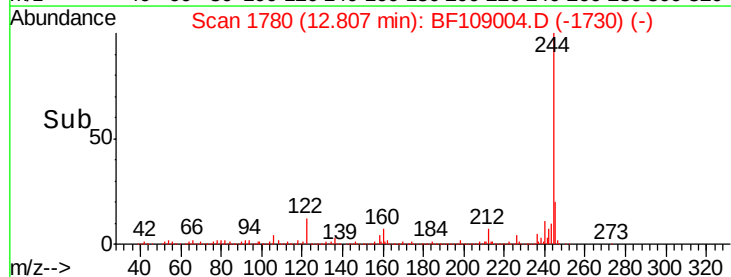
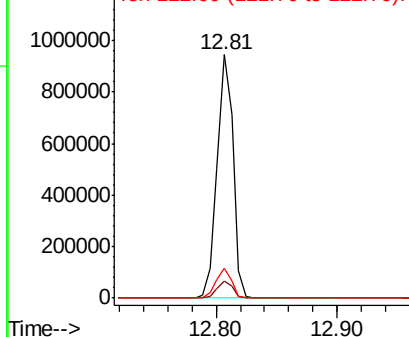


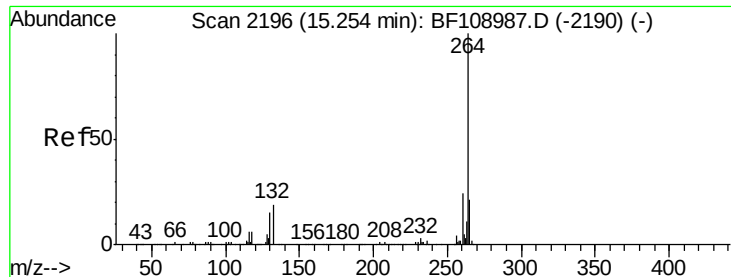
#78
Terphenyl-d14
Concen: 53.175 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Tgt Ion:244 Resp: 846651
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 12.4 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: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109004.D
Acq: 14 Sep 2018 19:31

Instrument :
BNA_F
ClientSampleId :
SP-PIT-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.5	26.3

