

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109016.D
 Acq On : 15 Sep 2018 00:57
 Operator : JU/SJ
 Sample : J4901-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 15 06:53:49 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

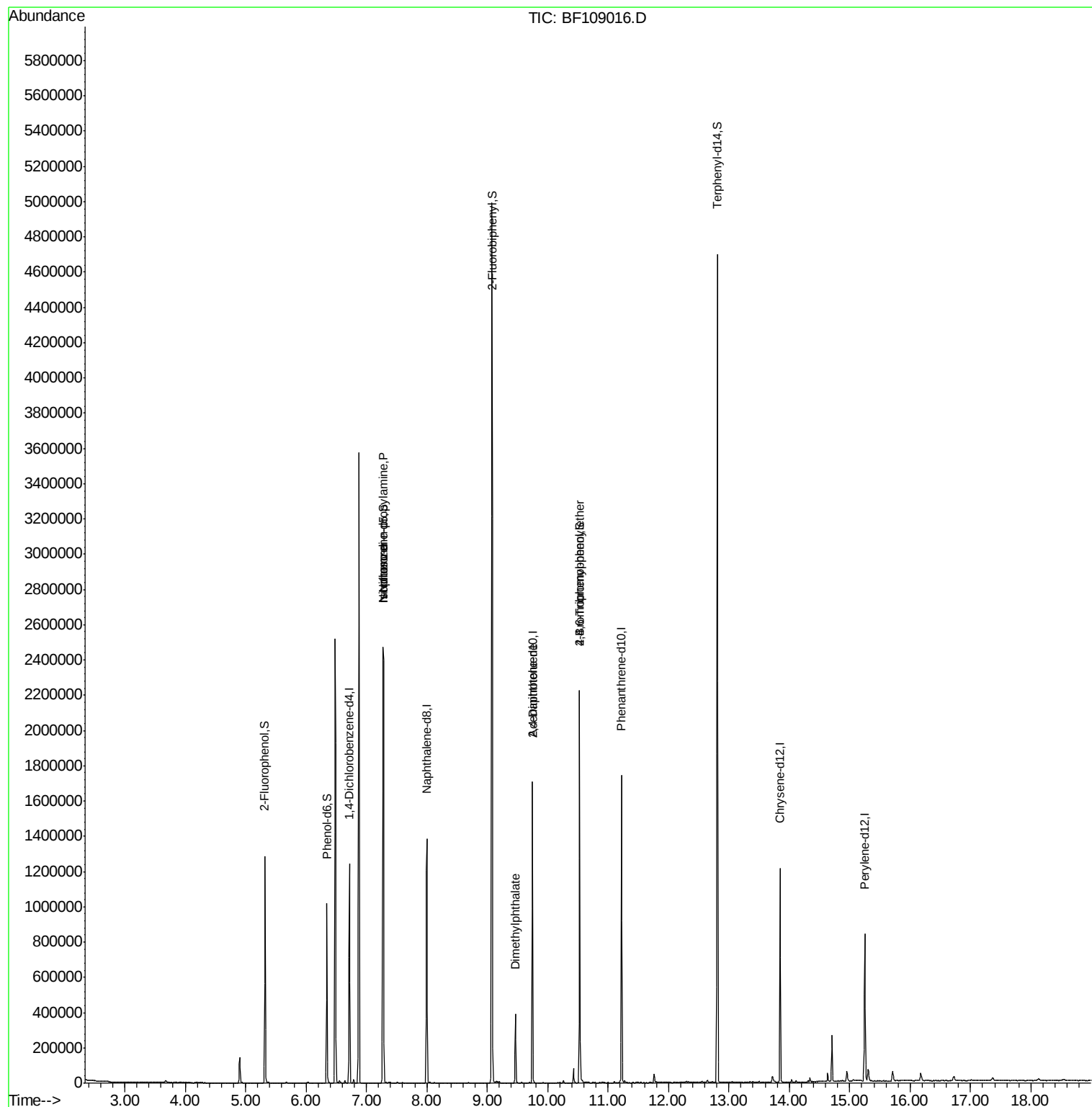
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163131	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	618677	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	301048	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	590182	20.00	ng	0.00
75) Chrysene-d12	13.85	240	390060	20.00	ng	-0.01
86) Perylene-d12	15.25	264	392091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	375964	38.28	ng	0.00
7) Phenol-d6	6.34	99	305351	24.11	ng	-0.02
23) Nitrobenzene-d5	7.28	82	982029	89.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	265321	81.21	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1638493	85.27	ng	0.00
78) Terphenyl-d14	12.81	244	1674241	101.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	133378	15.932	ng	# 78
25) Isophorone	7.28	82	975267	51.436	ng	# 64
49) Dimethylphthalate	9.47	163	143653	6.676	ng	99
56) 2,4-Dinitrotoluene	9.75	165	39270	6.293	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	16382	2.462	ng	# 1

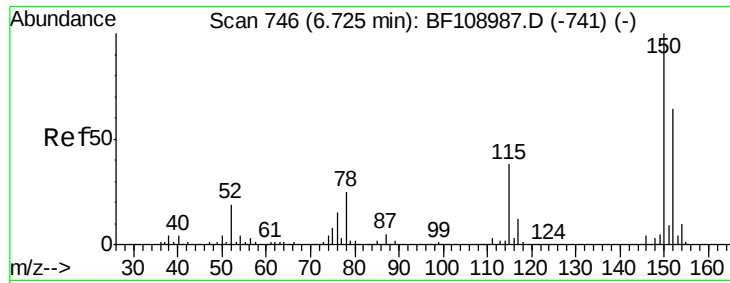
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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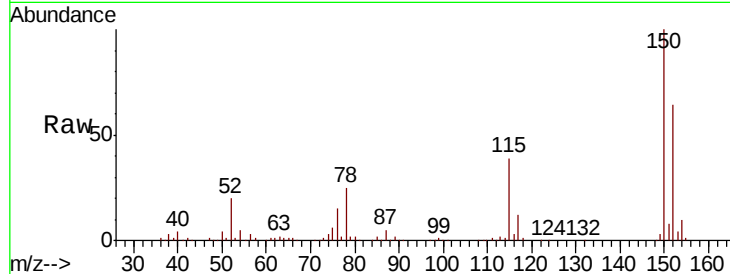


#1

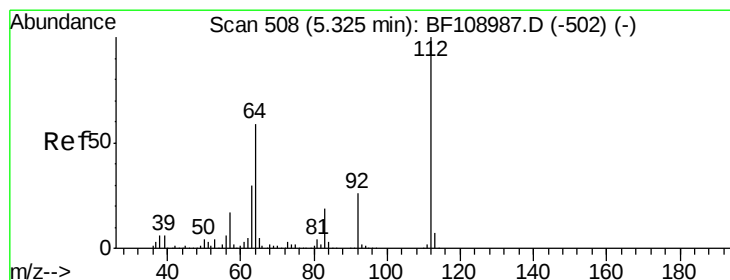
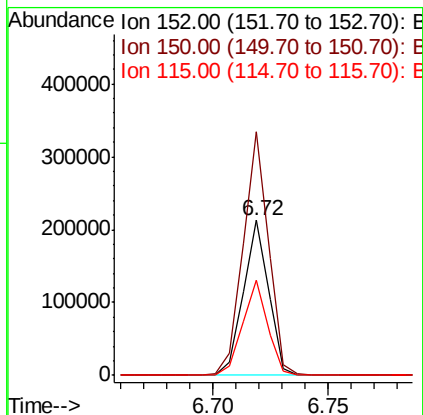
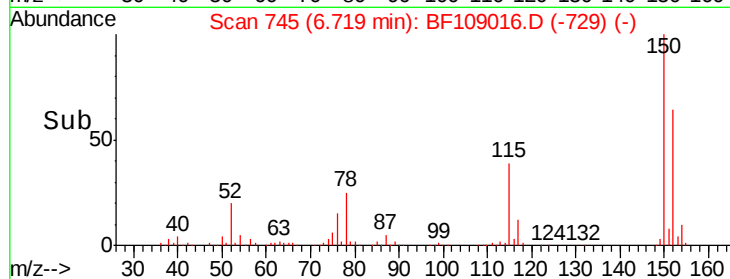
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163131
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.5 50.1 75.1



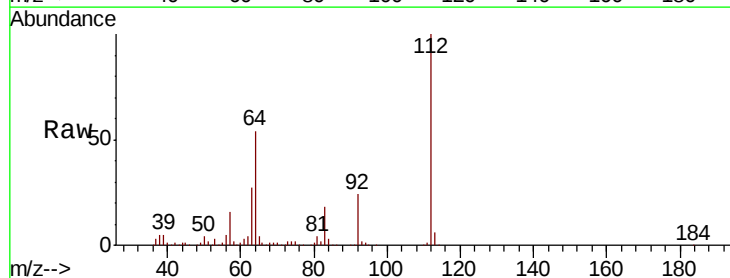
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



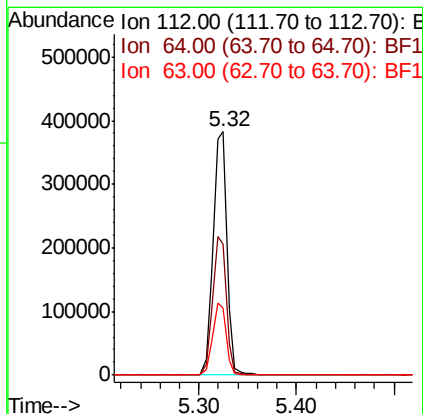
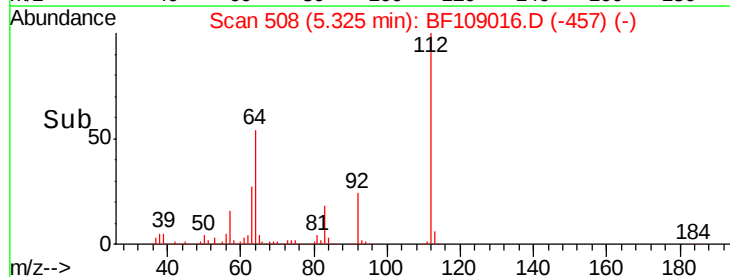
#5

2-Fluorophenol
Concen: 38.278 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Tgt Ion:112 Resp: 375964
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.4 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: 24.110 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109016.D

Acq: 15 Sep 2018 00:57

Instrument :

BNA_F

ClientSampleId :

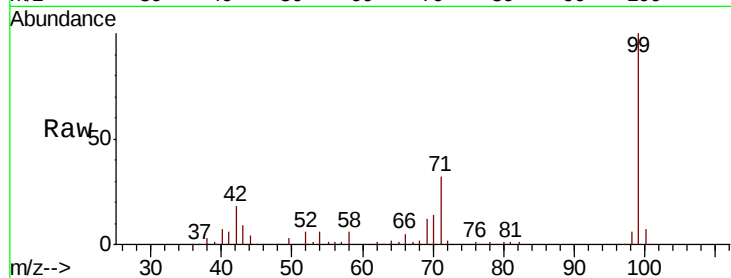
Tgt Ion: 99 Resp: 305351

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

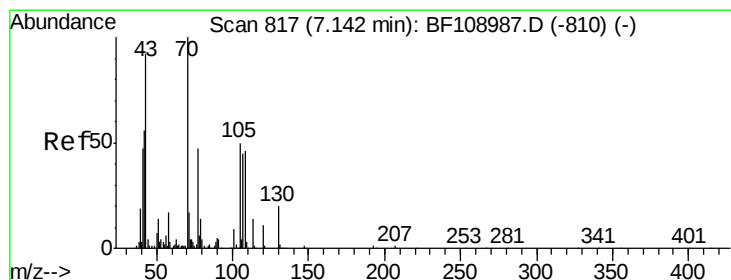
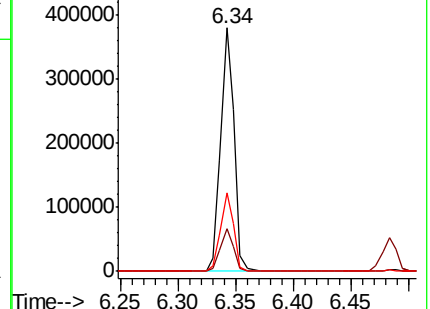
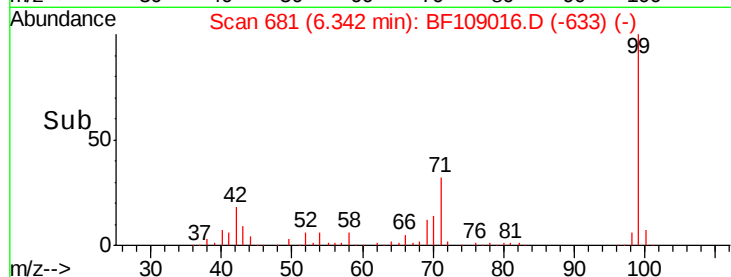
71 32.2 25.4 38.0



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: 15.932 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109016.D

Acq: 15 Sep 2018 00:57

Tgt Ion: 70 Resp: 133378

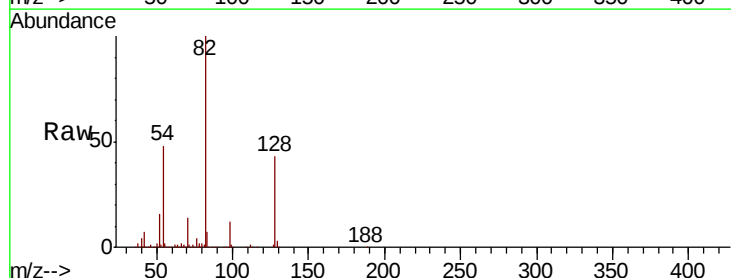
Ion Ratio Lower Upper

70 100

42 47.8 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

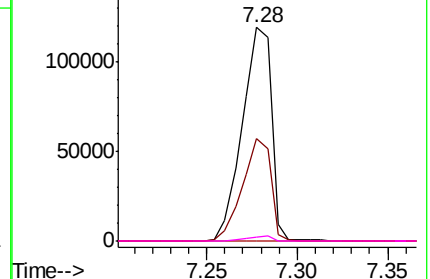
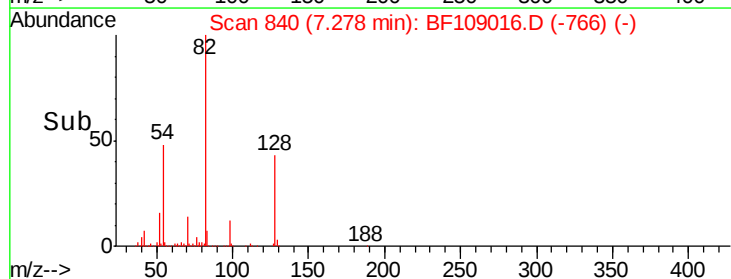


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

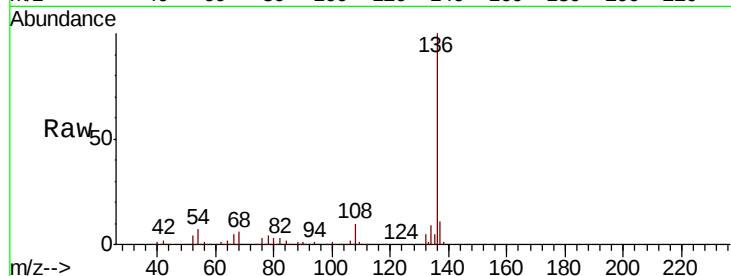




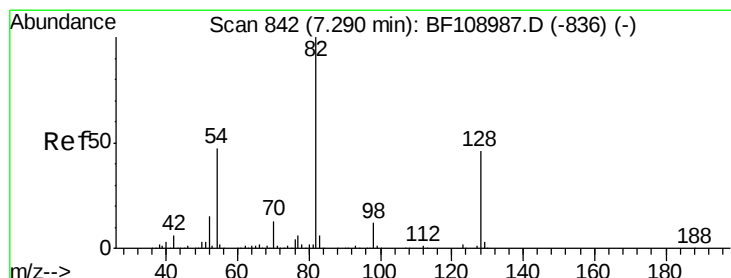
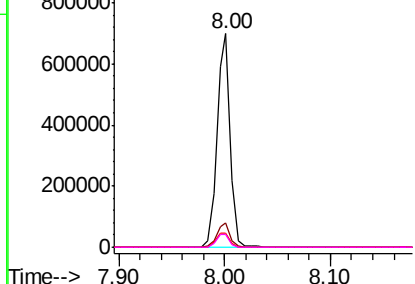
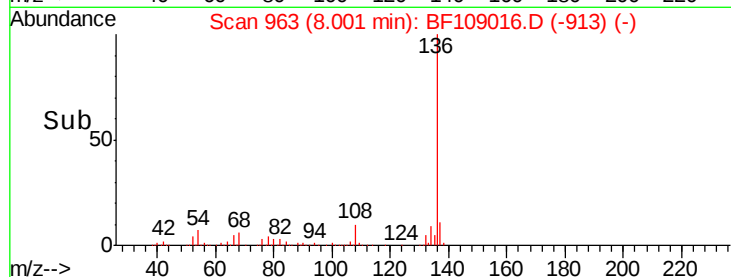
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Instrument :
BNA_F
ClientSampled :

Tgt Ion:136	Resp: 618677
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 6.9	6.6 9.8
68 5.9	5.0 7.4

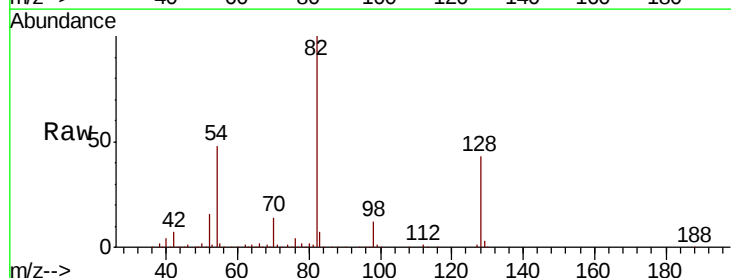


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

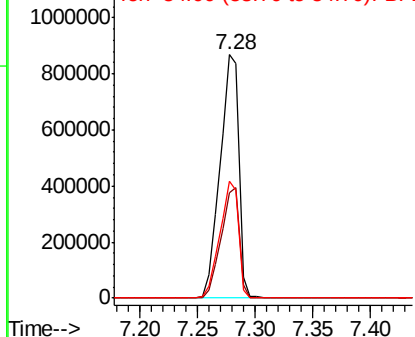
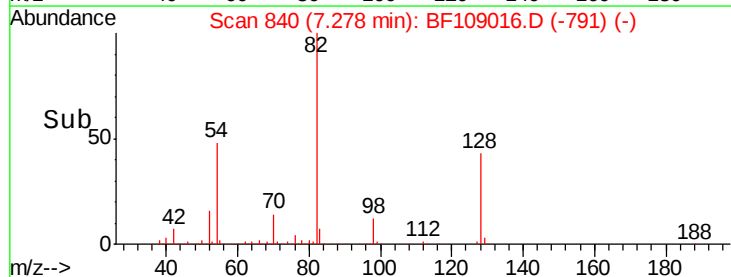


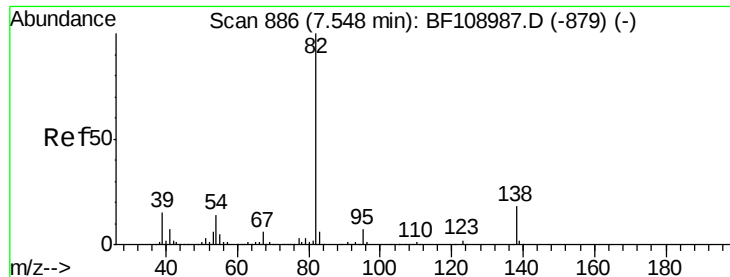
#23
Nitrobenzene-d5
Concen: 89.029 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Tgt Ion	82	Resp: Lower	982029 Upper
	Ratio 100		
128	43.3	36.1	54.1
54	48.2	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: 51.436 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109016.D

Acq: 15 Sep 2018 00:57

Instrument :

BNA_F

ClientSampleId :

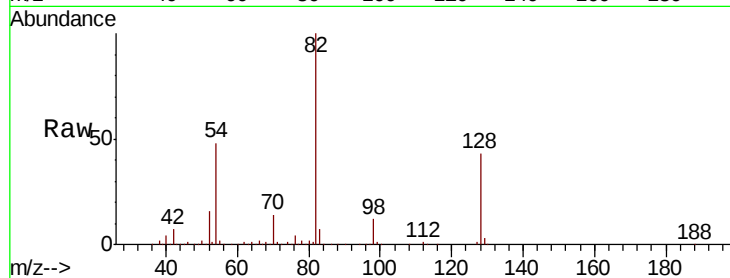
Tgt Ion: 82 Resp: 975267

Ion Ratio Lower Upper

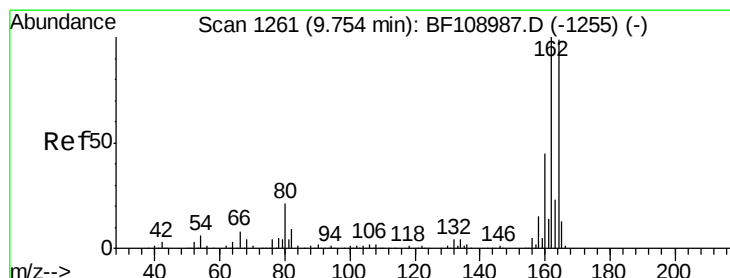
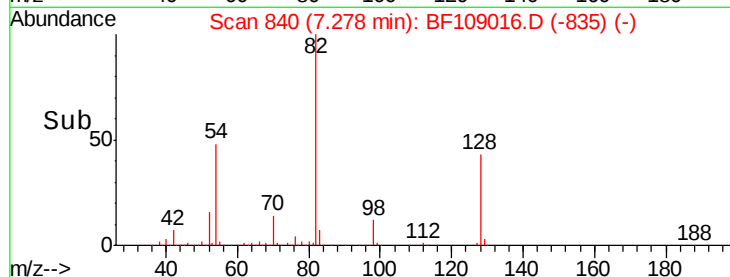
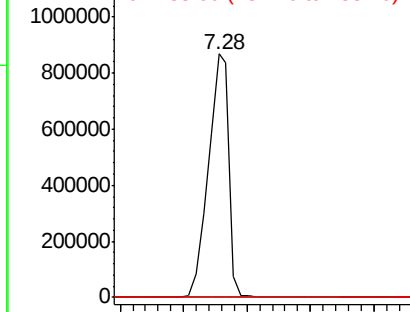
82 100

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: BF109016.D

Acq: 15 Sep 2018 00:57

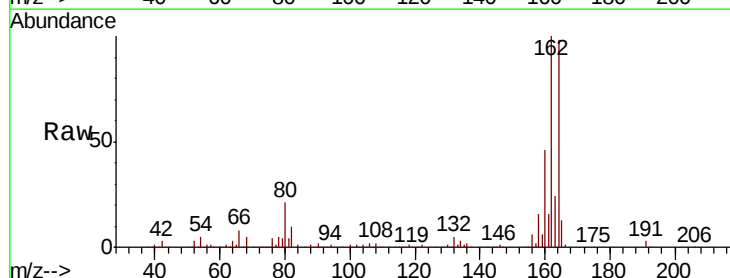
Tgt Ion: 164 Resp: 301048

Ion Ratio Lower Upper

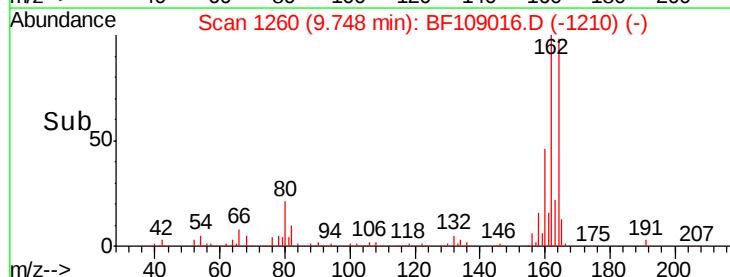
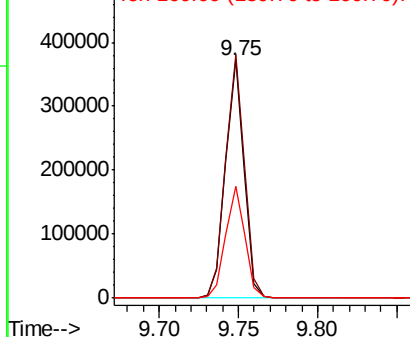
164 100

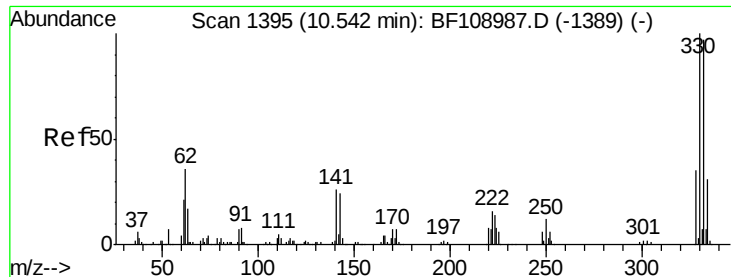
162 102.1 86.1 129.1

160 47.1 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

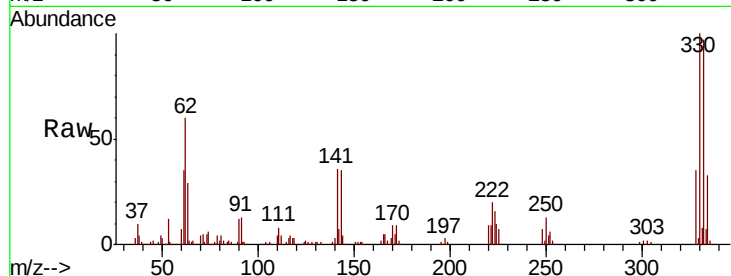




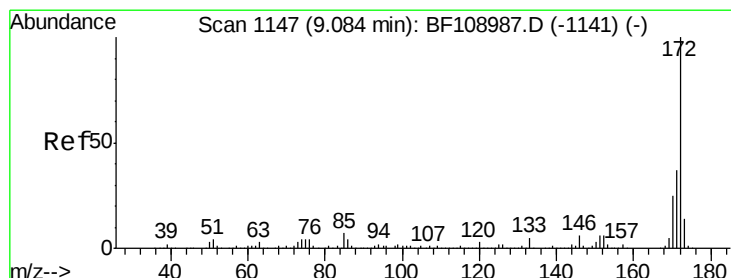
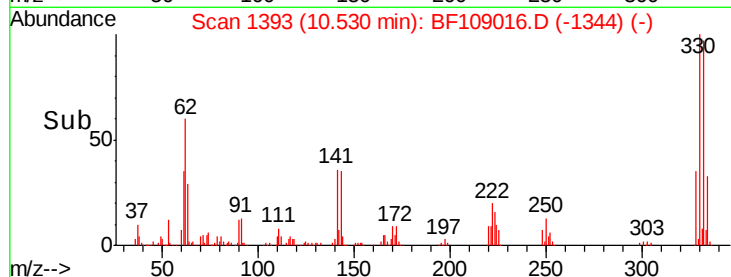
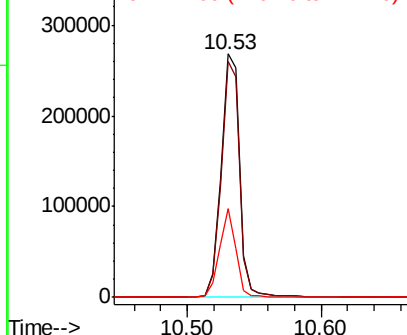
#41
 2,4,6-Tribromophenol
 Concen: 81.208 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109016.D
 Acq: 15 Sep 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 265321
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.5 29.9 44.9

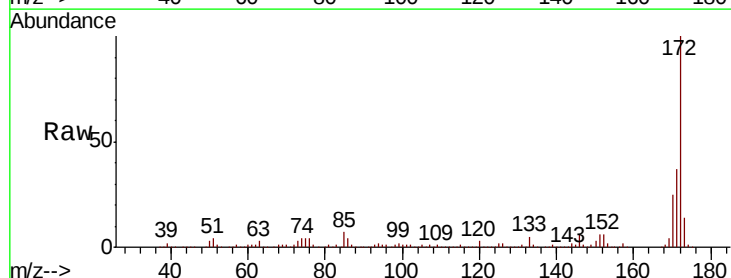


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

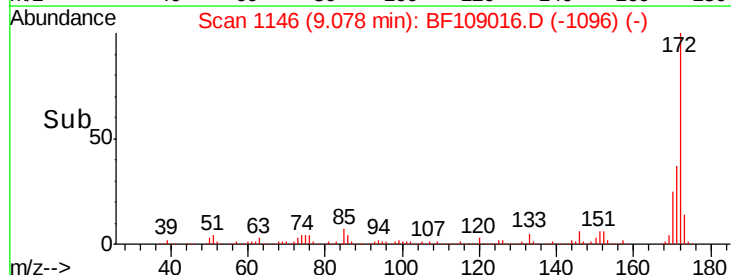
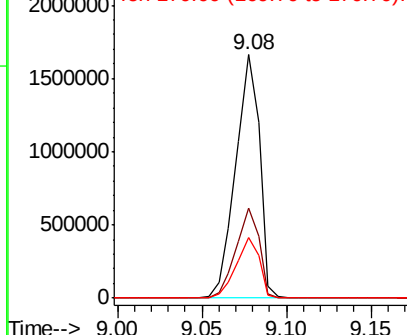


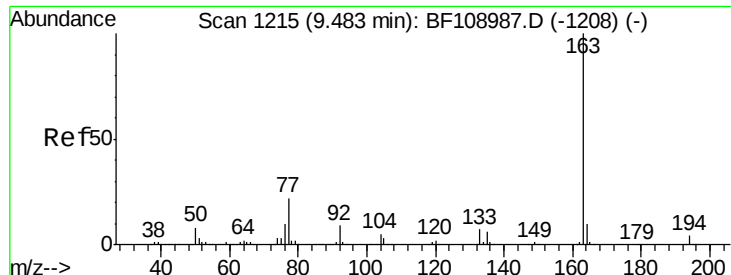
#44
 2-Fluorobiphenyl
 Concen: 85.271 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109016.D
 Acq: 15 Sep 2018 00:57

Tgt Ion:172 Resp: 1638493
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 25.1 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

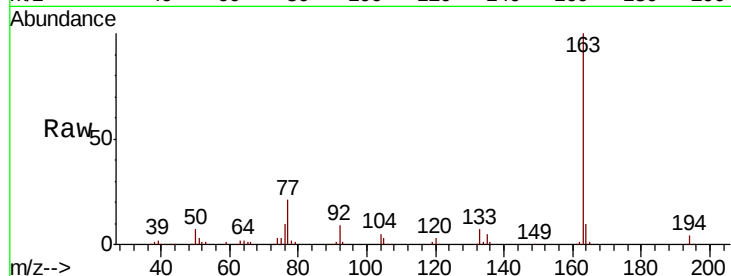




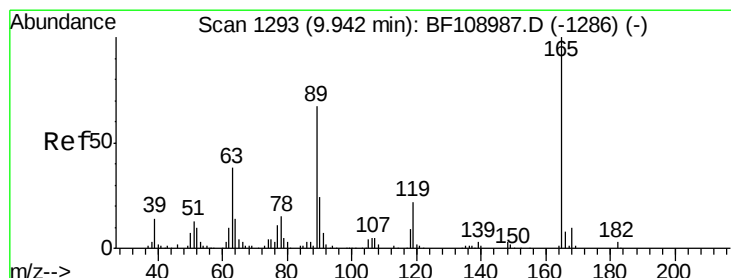
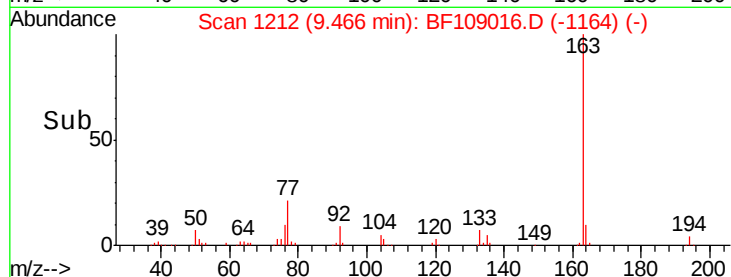
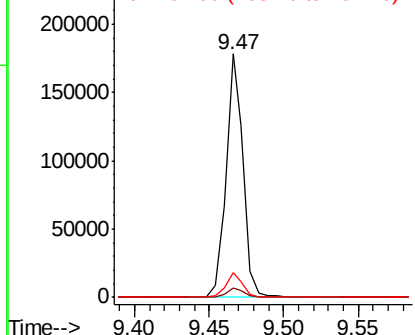
#49
Dimethylphthalate
Concen: 6.676 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 143653
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

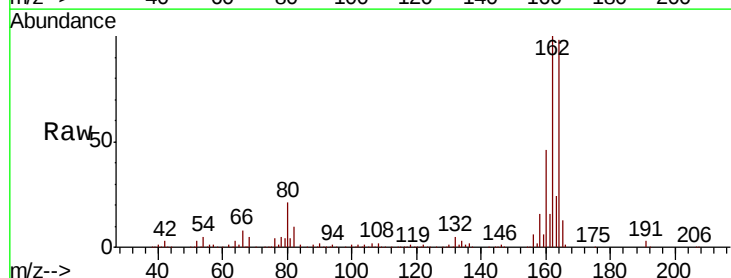


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

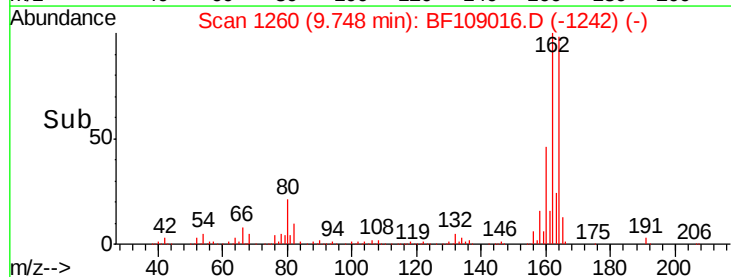
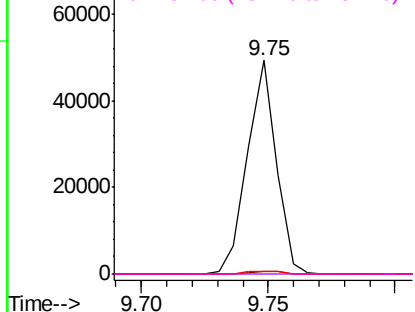


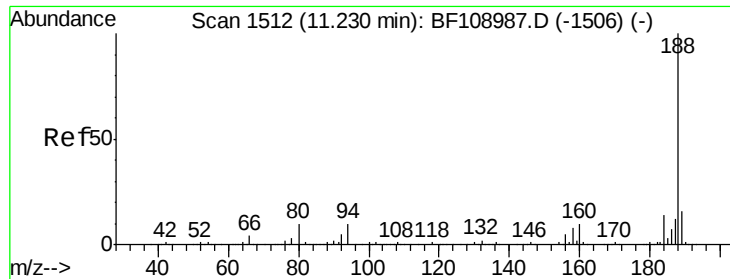
#56
2,4-Dinitrotoluene
Concen: 6.293 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Tgt Ion:165 Resp: 39270
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.5 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

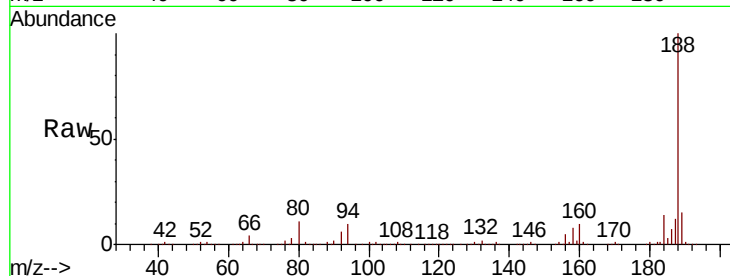




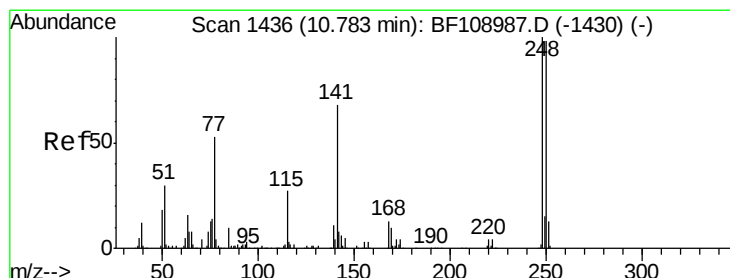
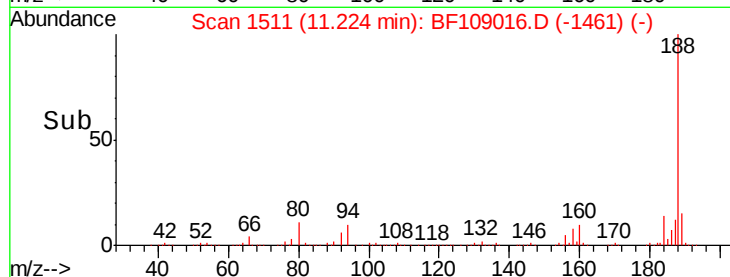
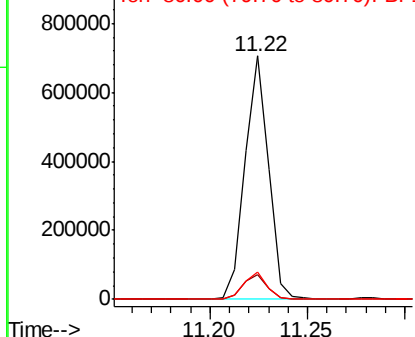
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 590182
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.0 9.2 13.8

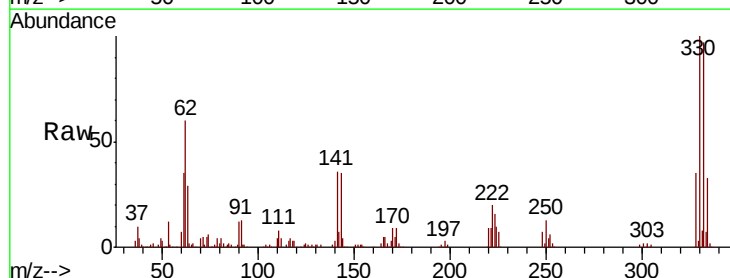


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

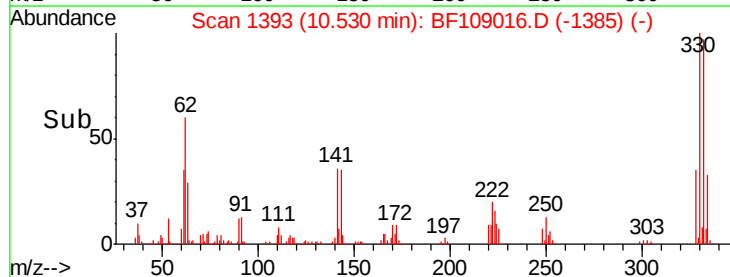
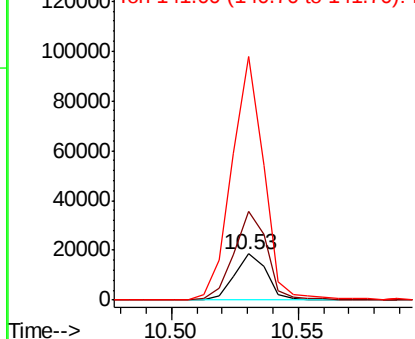


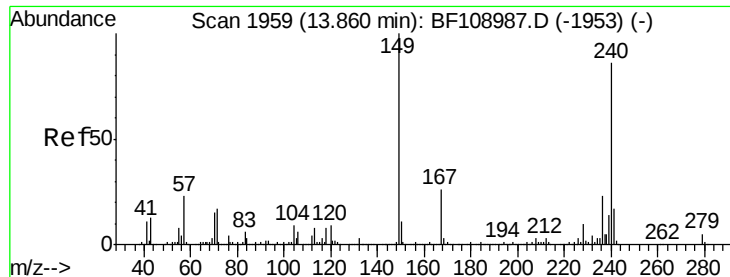
#66
4-Bromophenyl-phenylether
Concen: 2.462 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Tgt Ion:248 Resp: 16382
Ion Ratio Lower Upper
248 100
250 192.8 76.9 115.3#
141 527.4 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

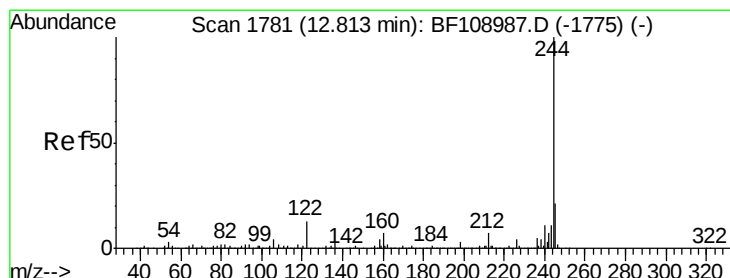
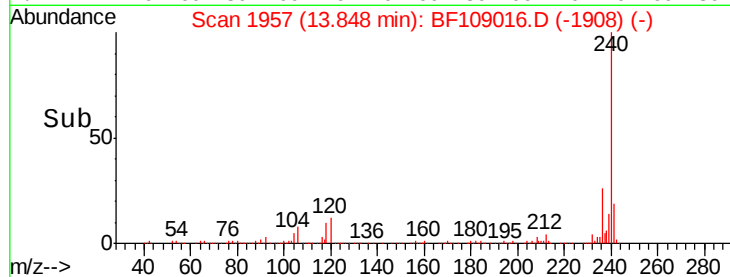
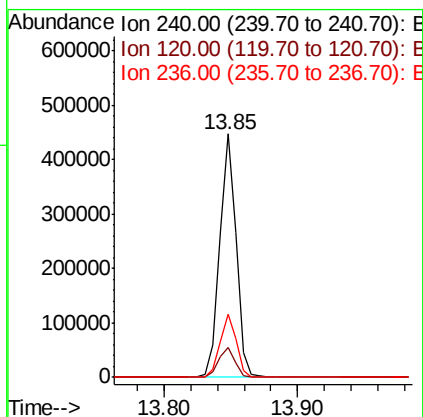
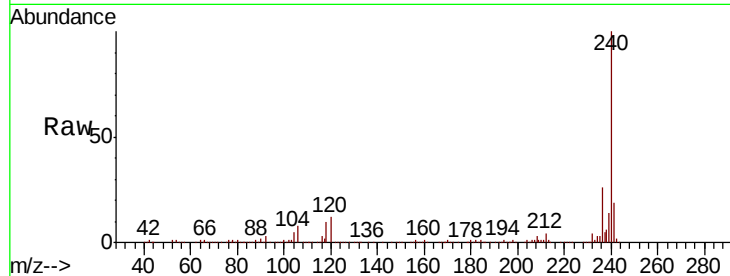




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

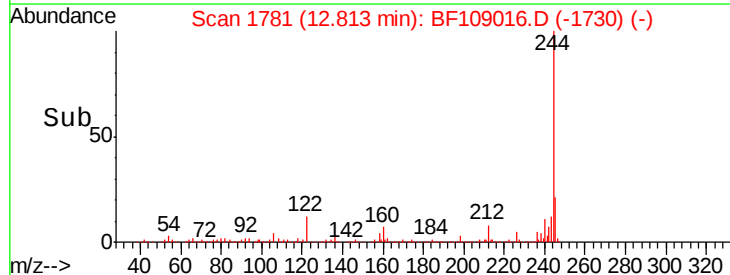
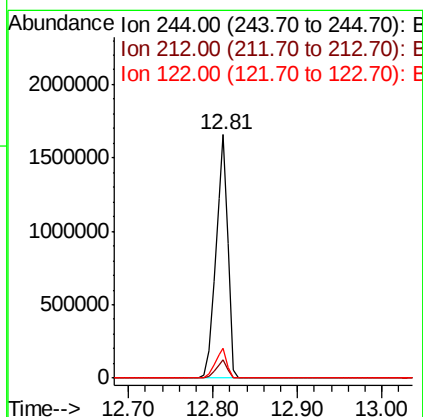
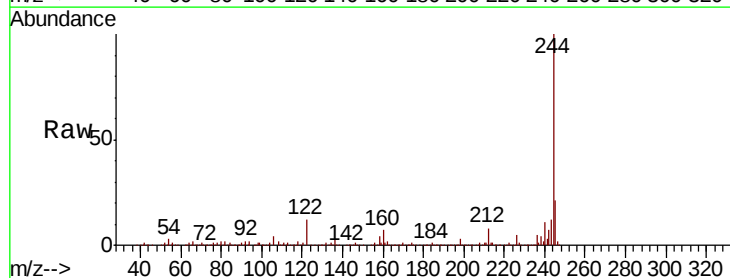
Instrument :
BNA_F
ClientSampleId :

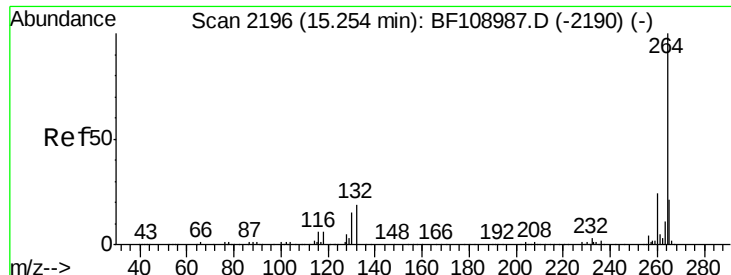
Tgt Ion:240 Resp: 390060
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.0 20.7 31.1



#78
Terphenyl-d14
Concen: 101.738 ng
RT: 12.81 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Tgt Ion:244 Resp: 1674241
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 12.2 11.0 16.4

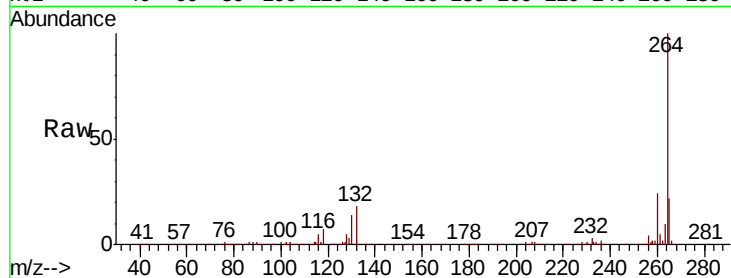




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF109016.D
Acq: 15 Sep 2018 00:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

