

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109083.D
 Acq On : 18 Sep 2018 8:06
 Operator : JU/SJ
 Sample : J4930-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 18:11:22 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	136418	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	476236	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	197732	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	352044	20.00	ng	0.00
75) Chrysene-d12	13.85	240	318175	20.00	ng	0.00
86) Perylene-d12	15.25	264	247783	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	387233	47.15	ng	0.00
7) Phenol-d6	6.35	99	312847	29.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	901730	106.20	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	208043	96.95	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1424912	112.90	ng	0.00
78) Terphenyl-d14	12.81	244	1370612	102.10	ng	0.00

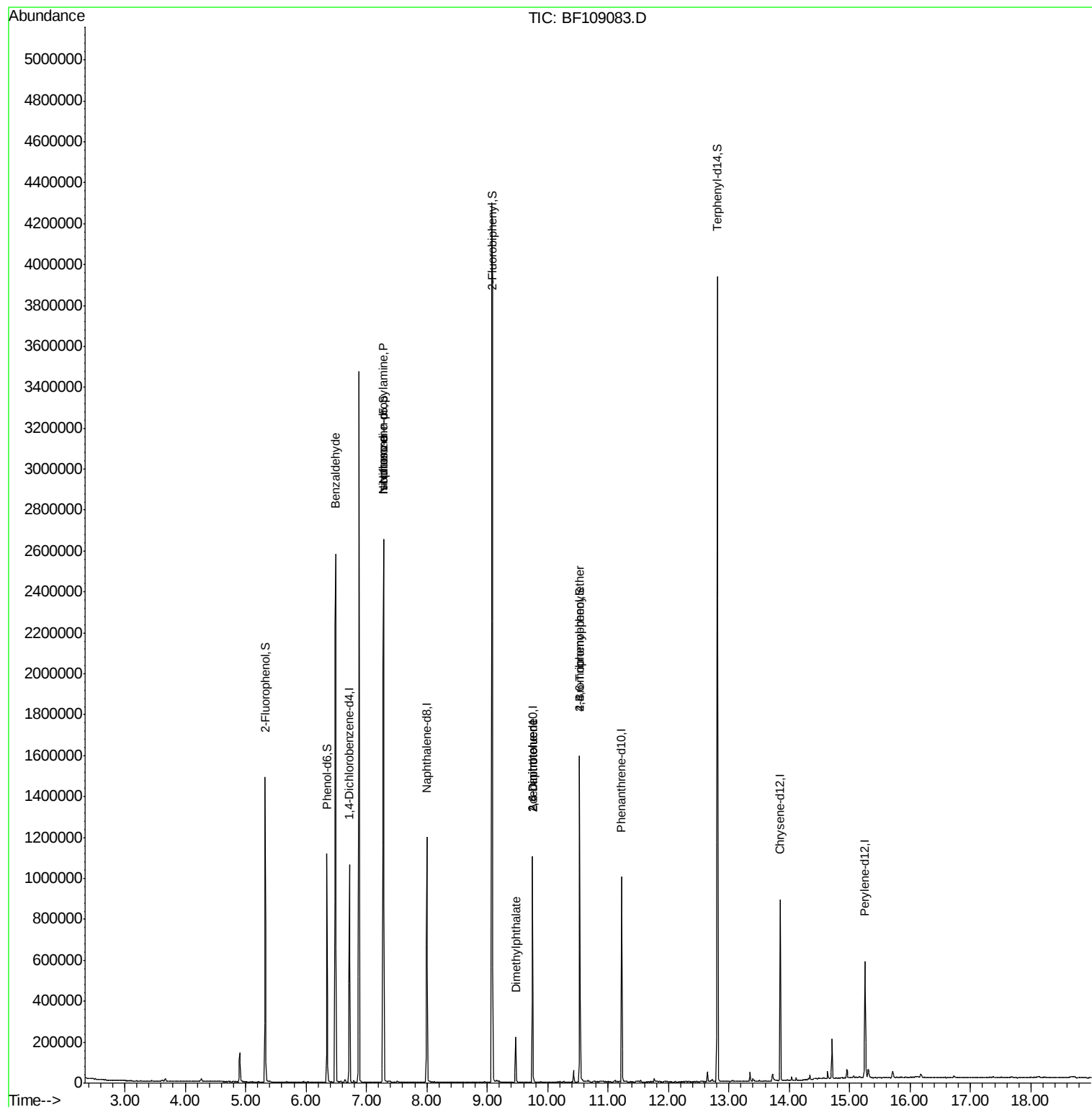
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	15736	2.326	ng	# 75
19) n-Nitroso-di-n-propylamine	7.28	70	123863	17.693	ng	# 76
25) Isophorone	7.28	82	896522	61.425	ng	# 64
49) Dimethylphthalate	9.47	163	92641	6.555	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	25637	8.180	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25637	6.255	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12431	3.132	ng	# 1

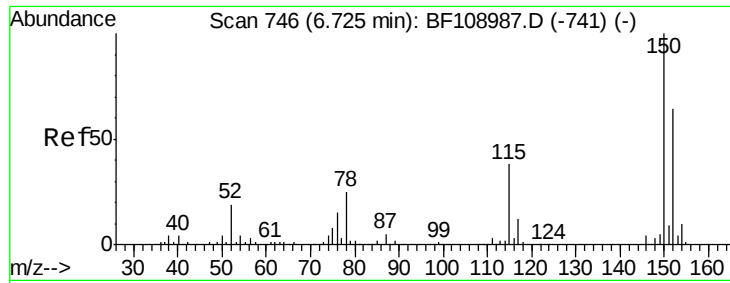
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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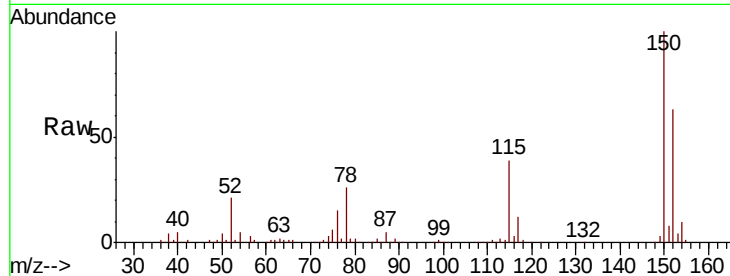




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.0	50.1	75.1

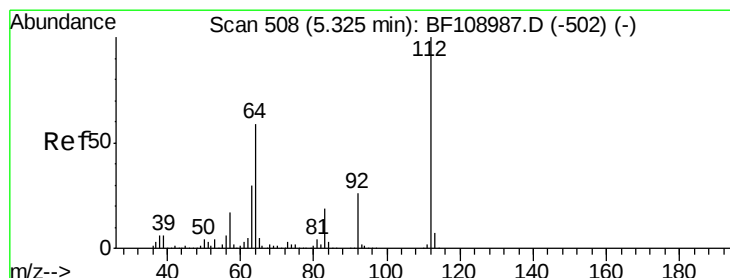
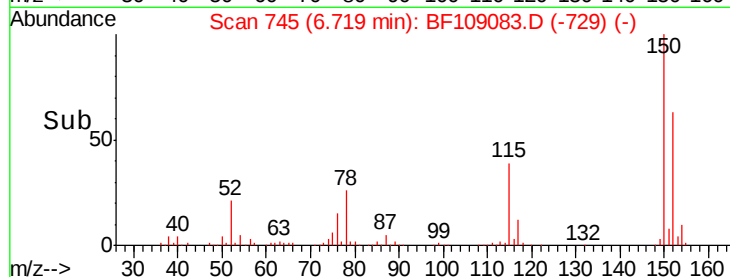
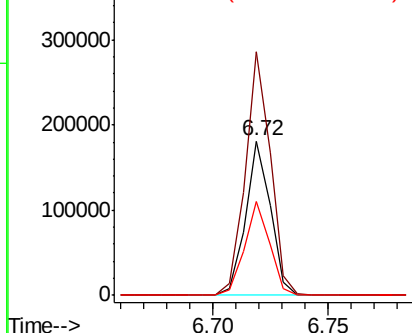


Abundance

Ion 152.00 (151.70 to 152.70): E

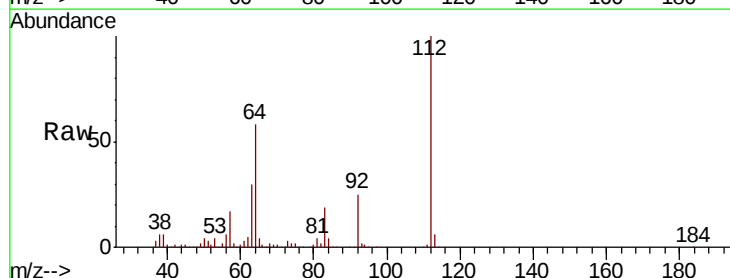
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 47.145 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.7	23.7	35.5

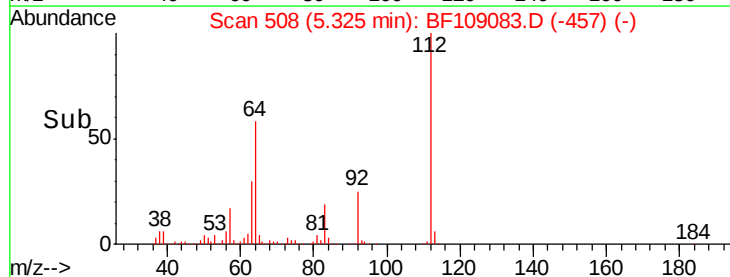
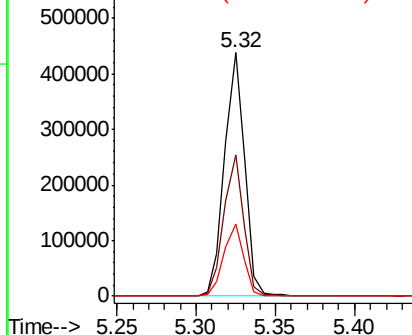


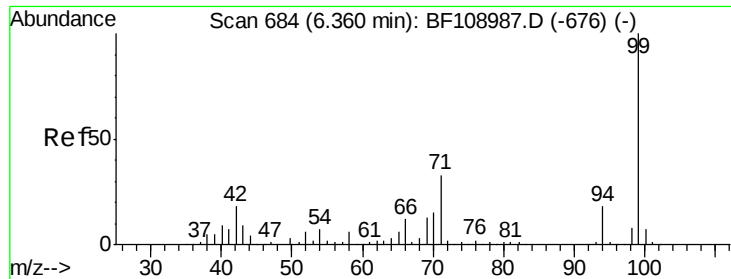
Abundance

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: 29.539 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109083.D

Acq: 18 Sep 2018 8:06

Instrument :

BNA_F

ClientSampled :

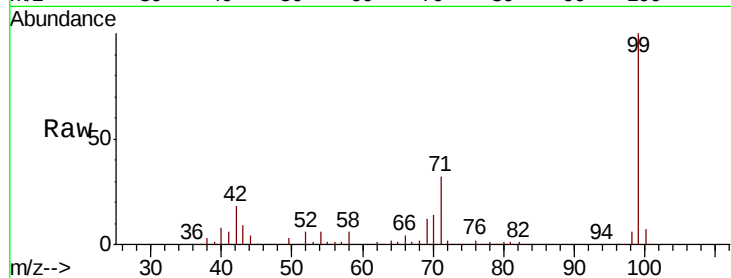
Tot Ion: 99 Resp: 312847

Ion Ratio Lower Upper

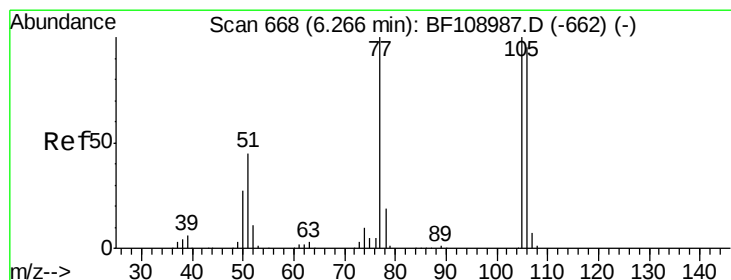
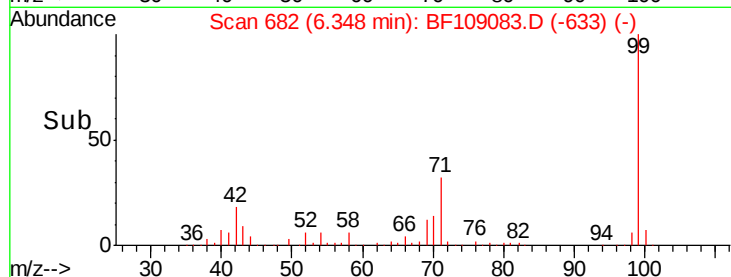
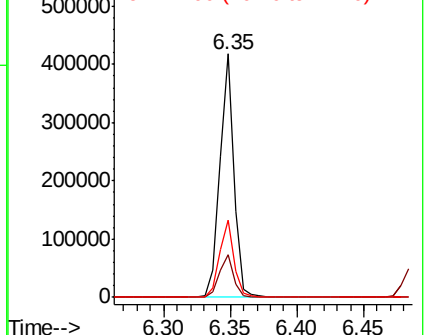
99 100

42 17.7 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 2.326 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109083.D

Acq: 18 Sep 2018 8:06

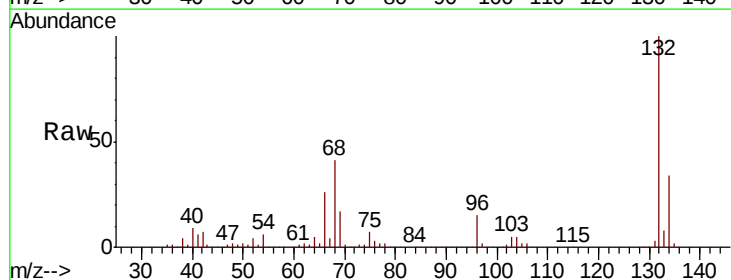
Tgt Ion: 77 Resp: 15736

Ion Ratio Lower Upper

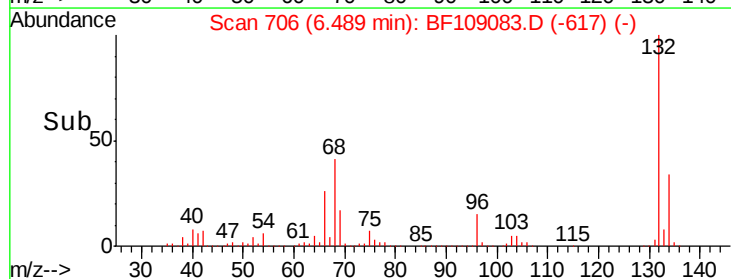
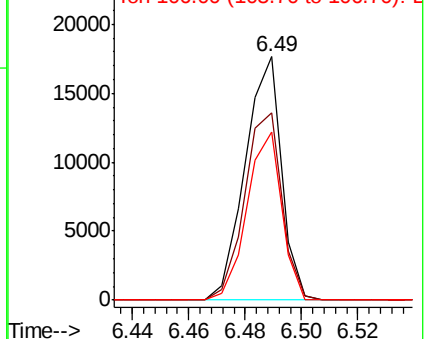
77 100

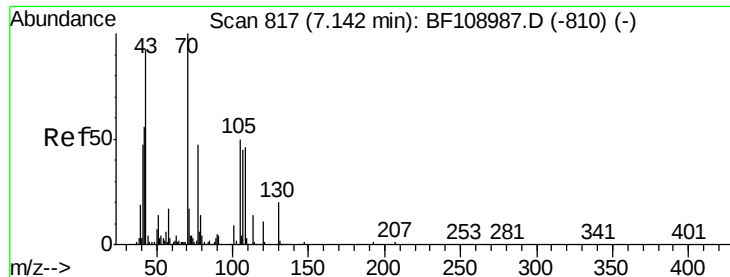
105 77.0 81.1 121.1#

106 68.9 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

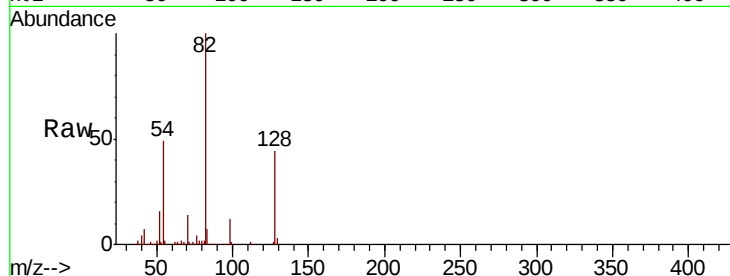




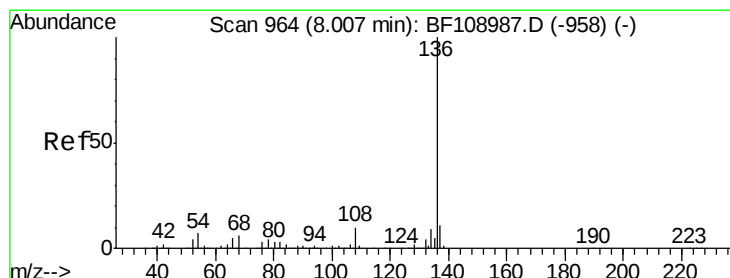
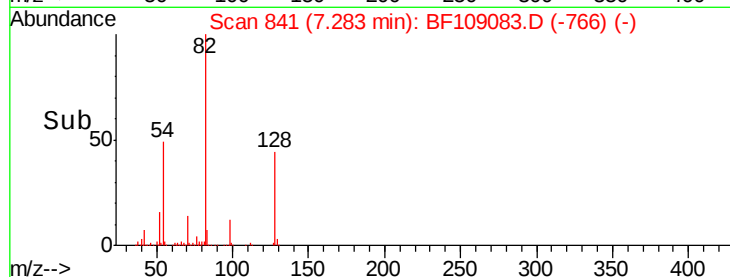
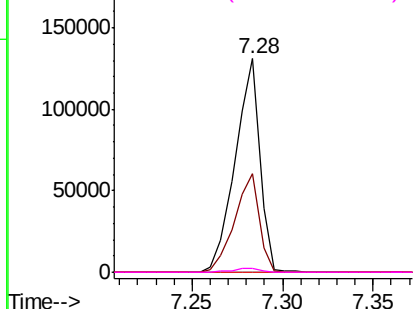
#19
n-Nitroso-di-n-propylamine
Concen: 17.693 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	123863
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#

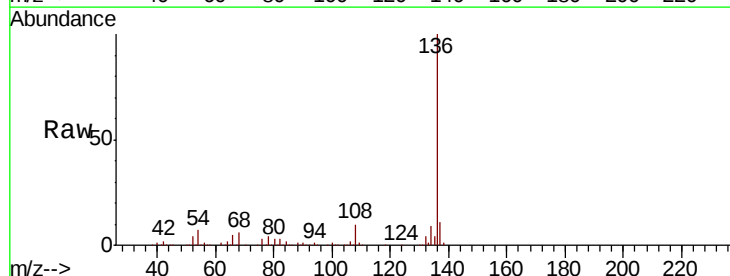


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

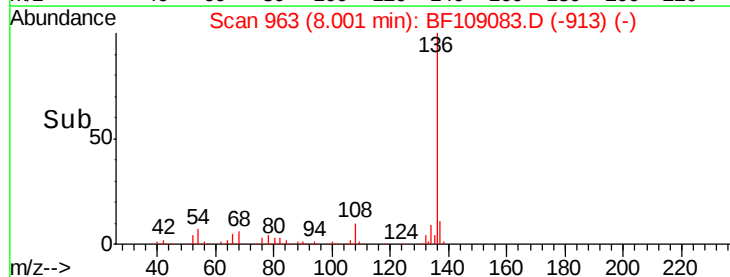
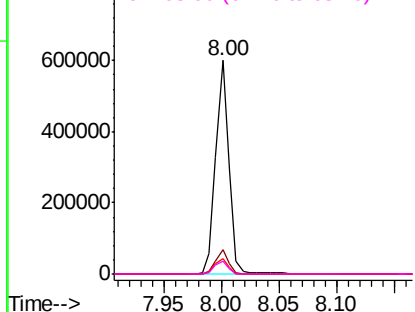


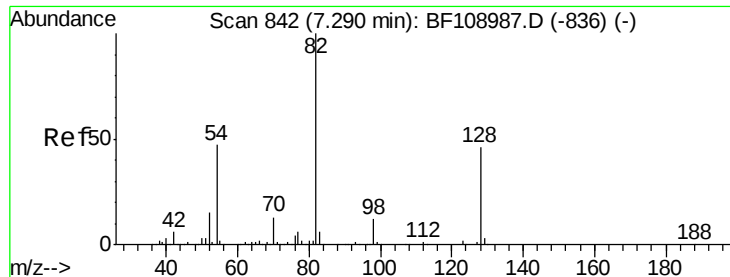
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion:	136	Resp:	476236
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

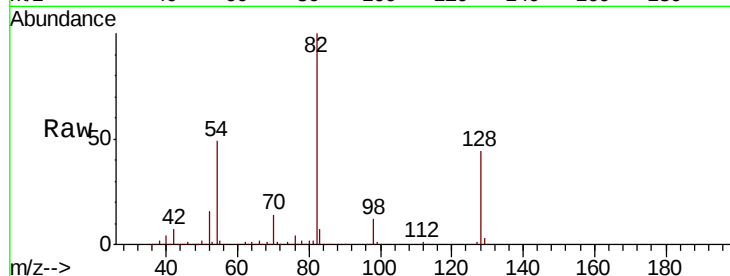




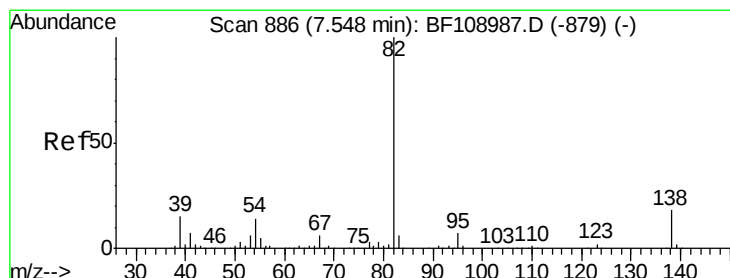
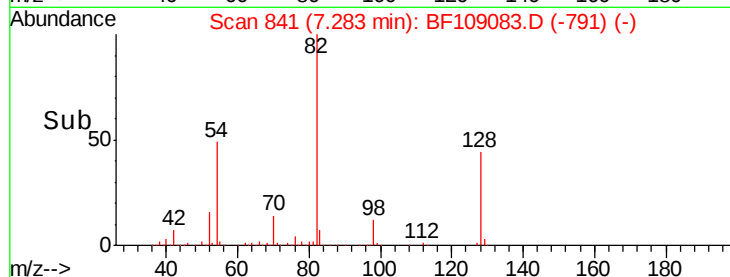
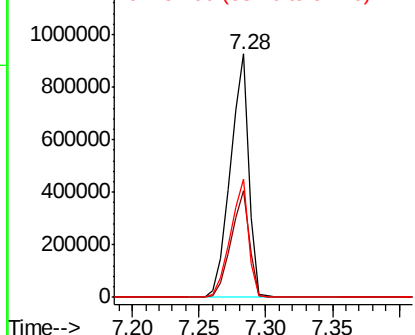
#23
Nitrobenzene-d5
Concen: 106.200 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	901730
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.1	54.1
54	48.6	41.4	62.2

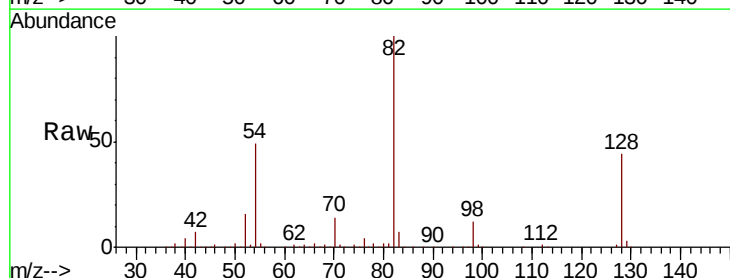


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

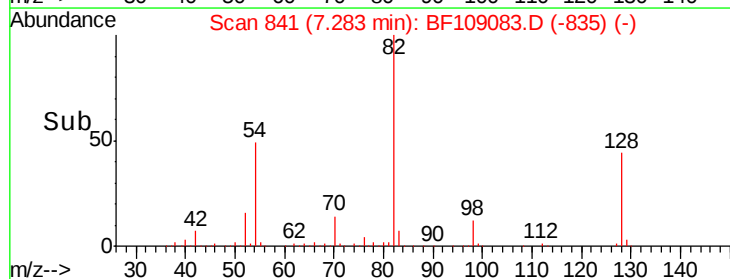
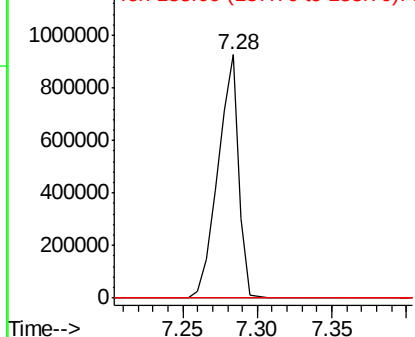


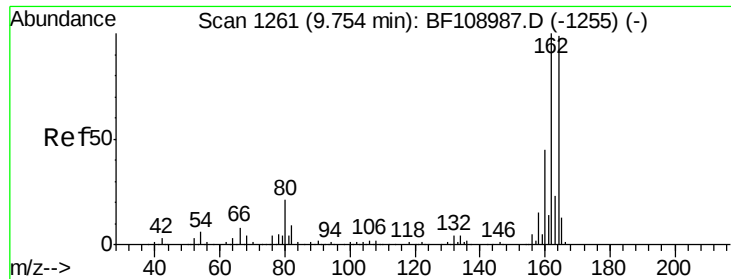
#25
Isophorone
Concen: 61.425 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Tgt Ion	82	Resp	896522
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

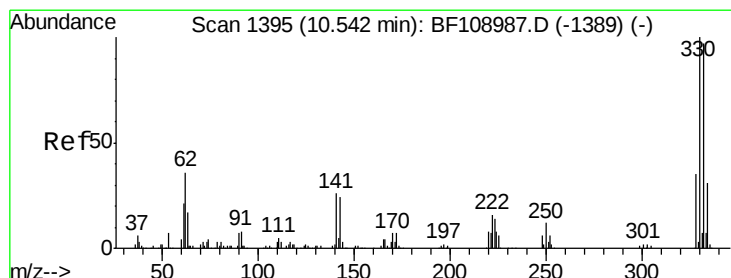
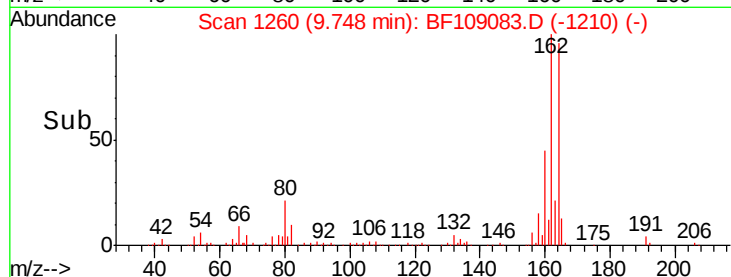
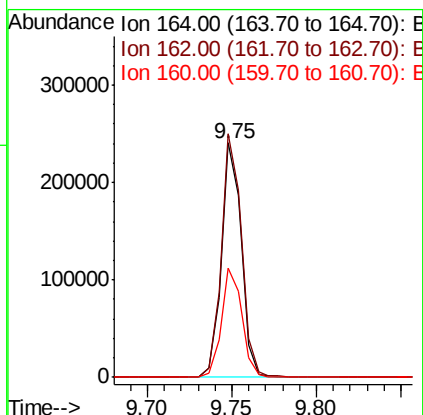
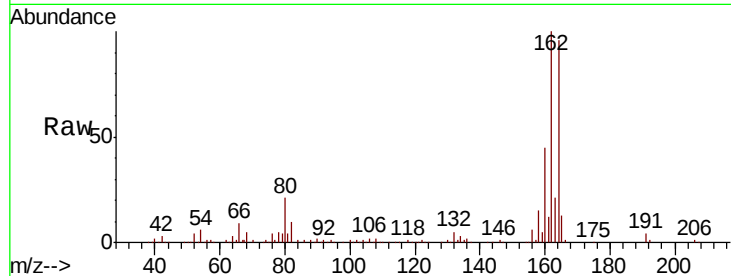




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

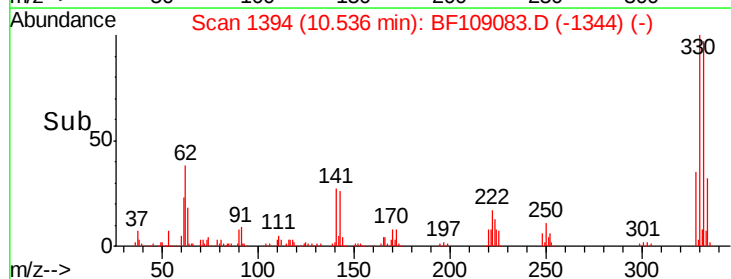
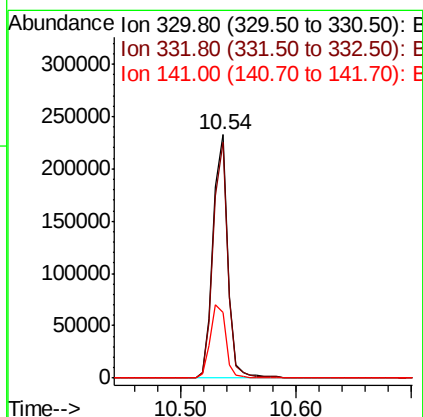
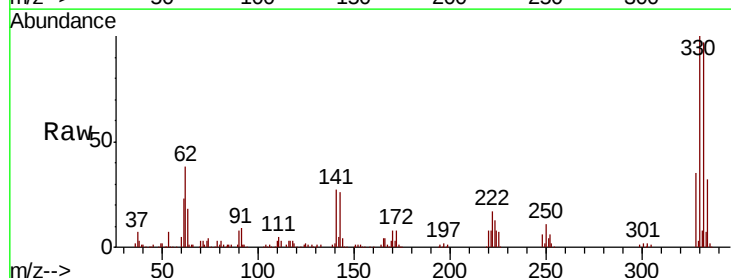
Instrument :
 BNA_F
 ClientSampleId :

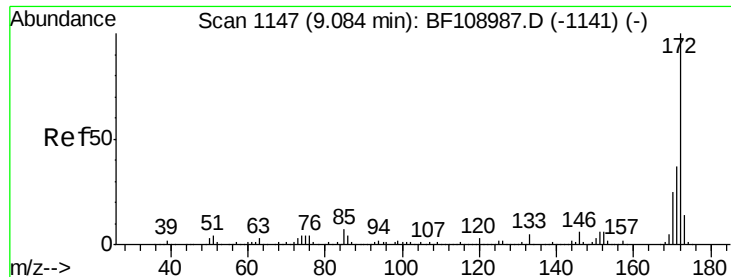
Tot Ion:164 Resp: 197732
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.948 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:330 Resp: 208043
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.9 29.9 44.9



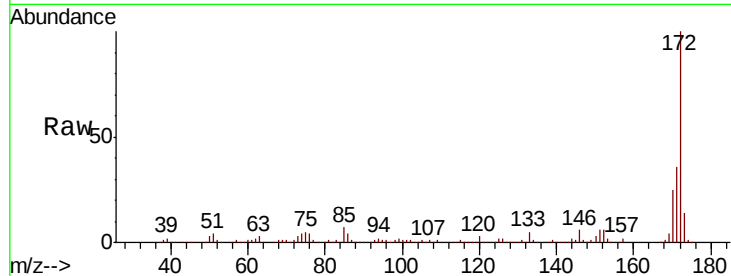


#44
 2-Fluorobiphenyl
 Concen: 112.903 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

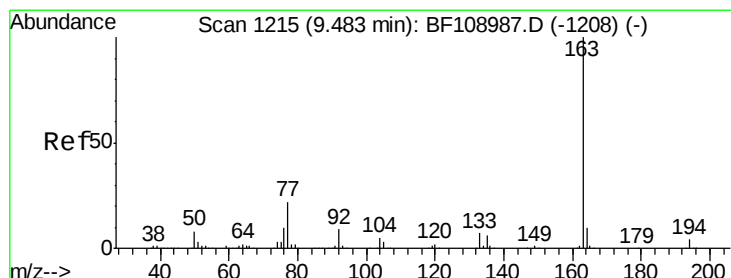
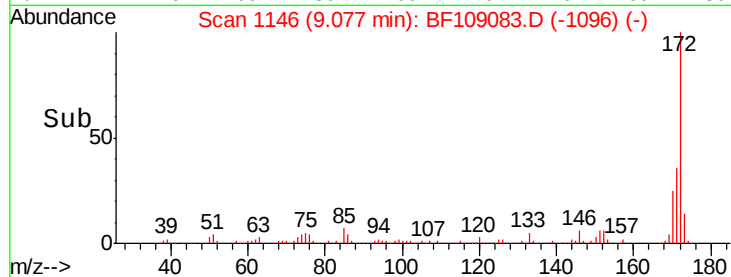
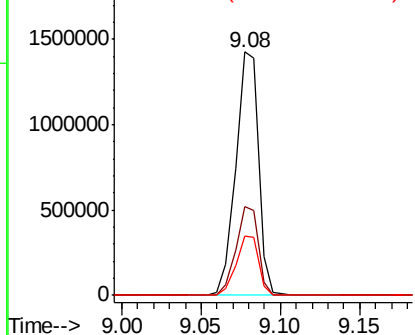
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1424912

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4



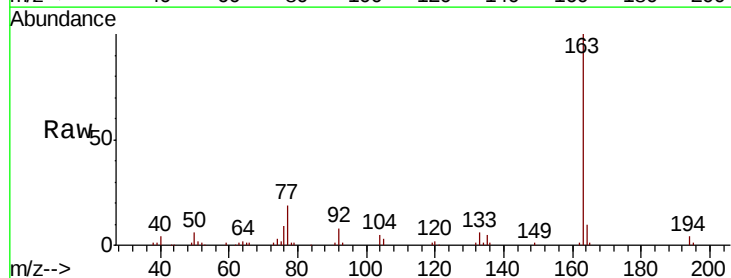
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



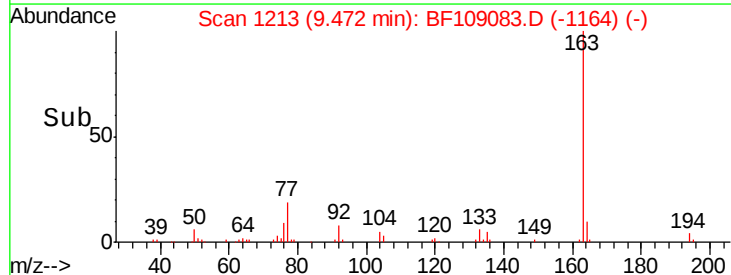
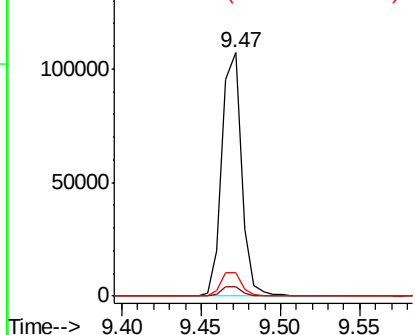
#49
 Dimethylphthalate
 Concen: 6.555 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

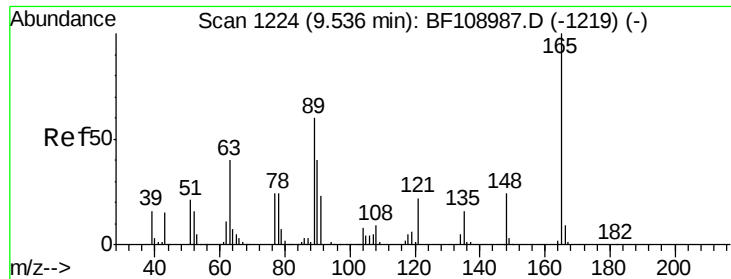
Tgt Ion:163 Resp: 92641

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	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

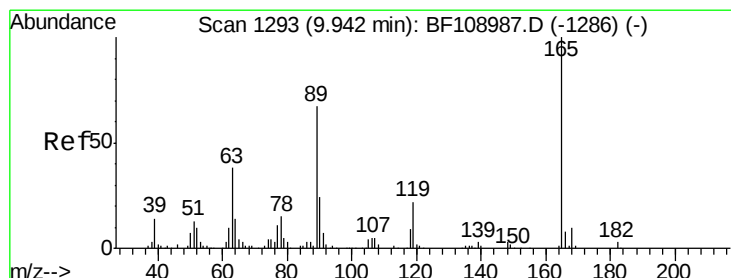
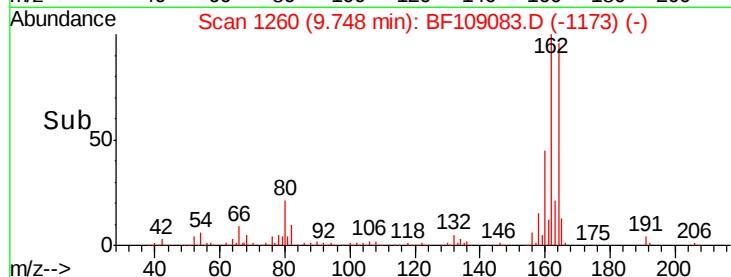
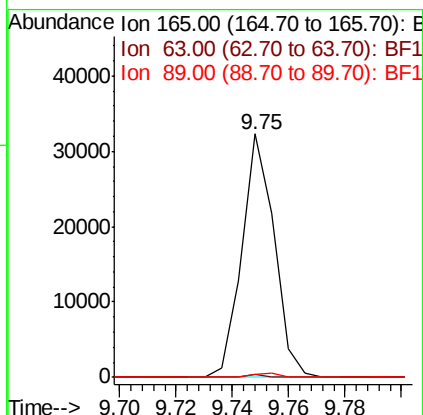
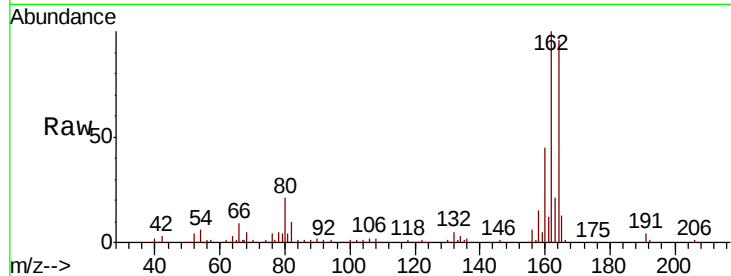




#50
 2,6-Dinitrotoluene
 Concen: 8.180 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

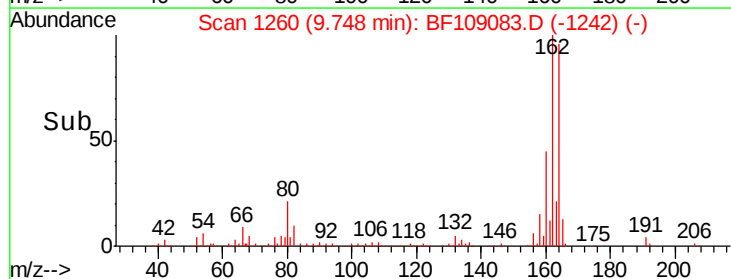
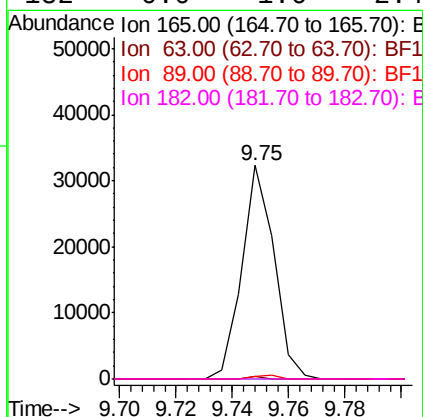
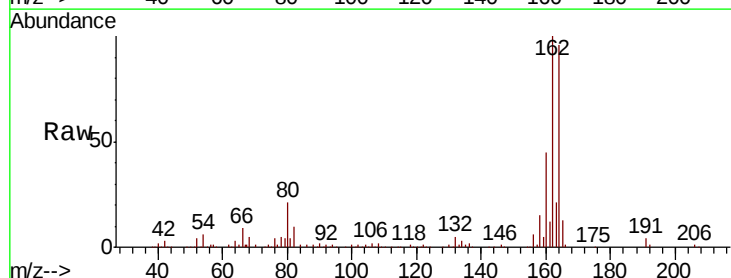
Instrument :
 BNA_F
 ClientSampleId :

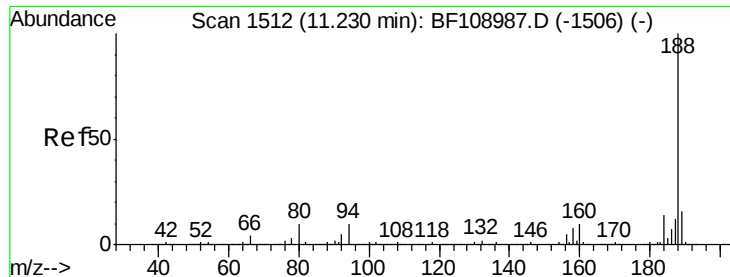
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.255 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

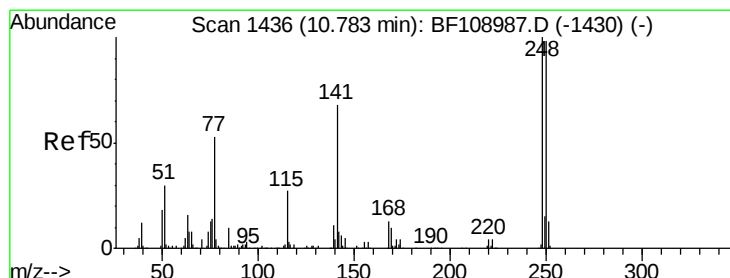
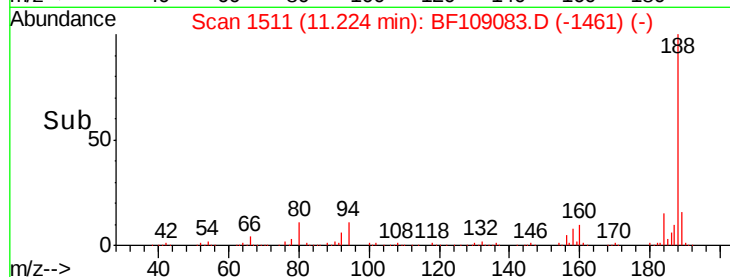
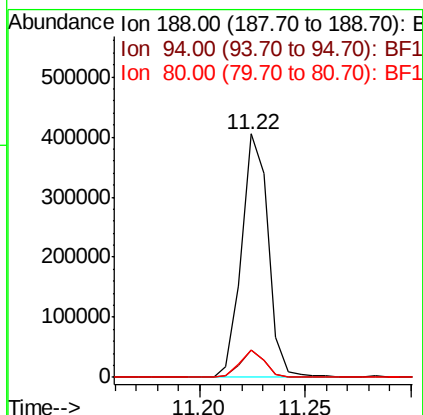
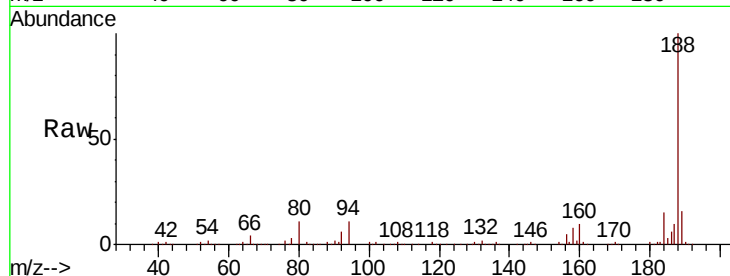




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

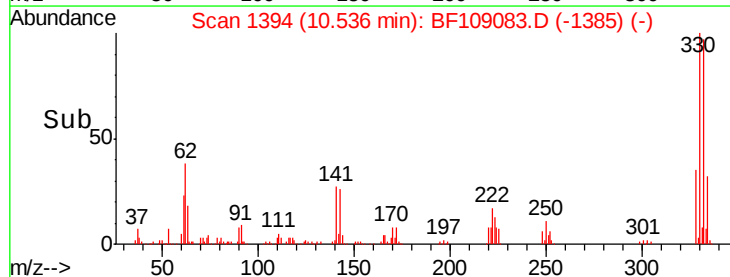
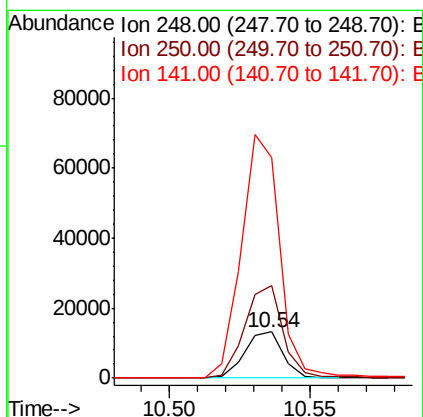
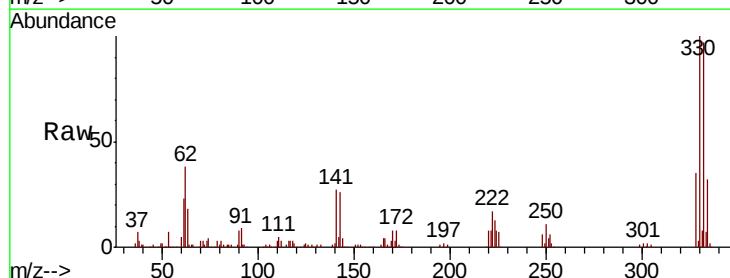
Instrument :
 BNA_F
 ClientSampled :

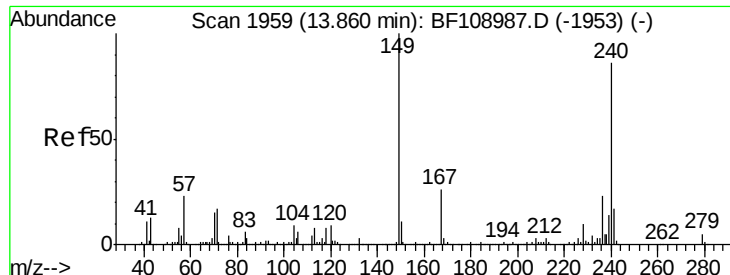
Tot Ion:188 Resp: 352044
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.132 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109083.D
 Acq: 18 Sep 2018 8:06

Tgt Ion:248 Resp: 12431
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 474.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109083.D

Acq: 18 Sep 2018 8:06

Instrument :

BNA_F

ClientSampled :

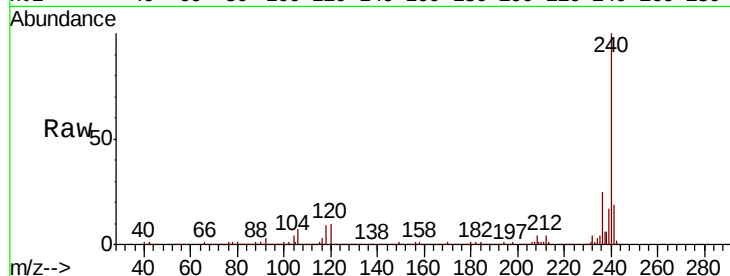
Tot Ion:240 Resp: 318175

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

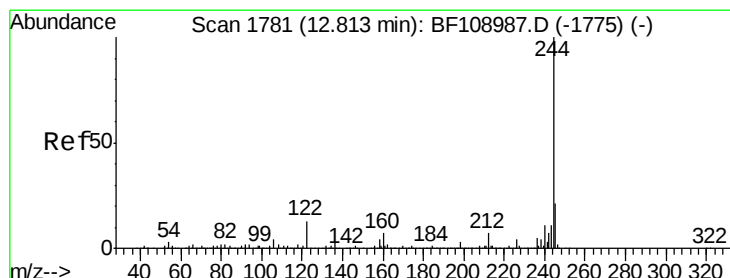
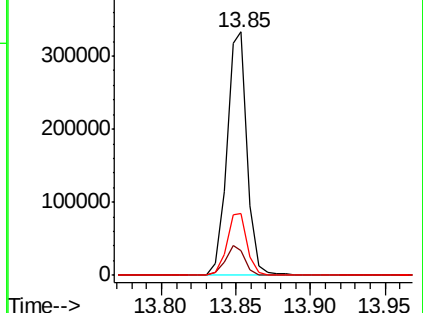
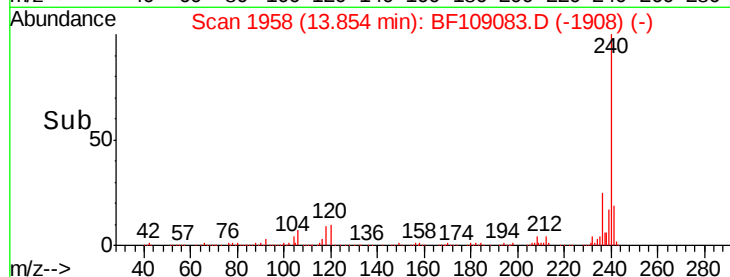
236 25.3 20.7 31.1



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: 102.105 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109083.D

Acq: 18 Sep 2018 8:06

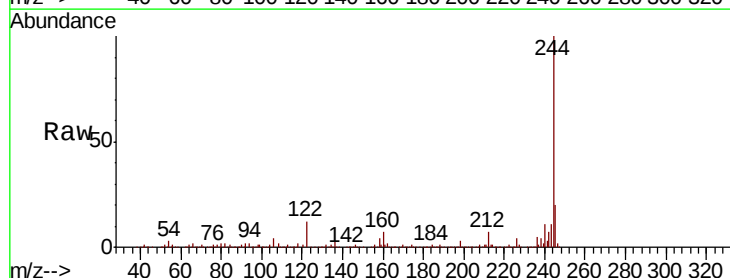
Tgt Ion:244 Resp: 1370612

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

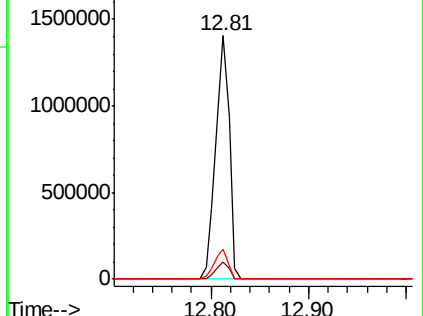
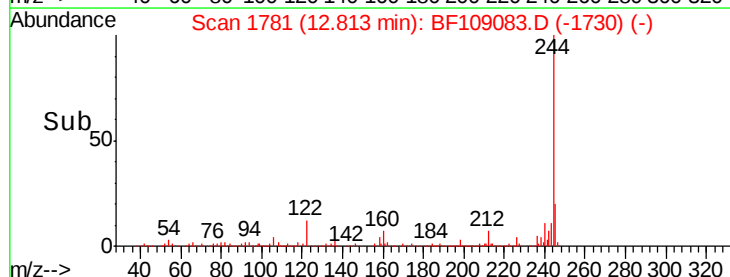
122 12.2 11.0 16.4

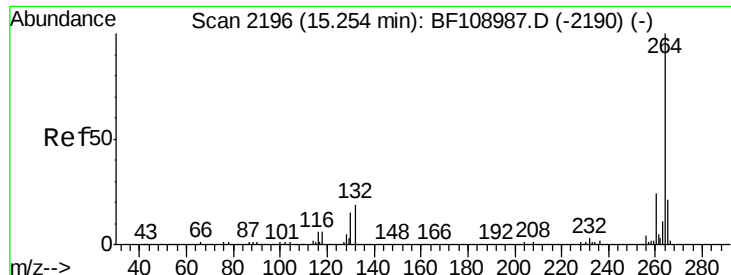


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

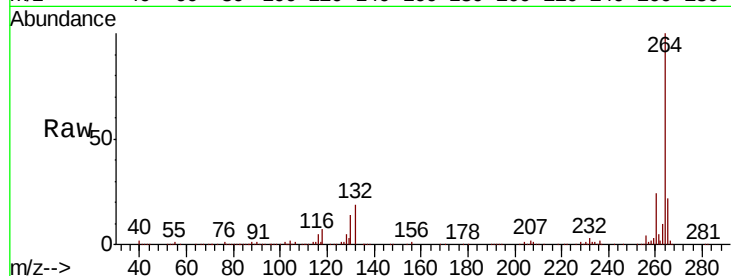




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109083.D
Acq: 18 Sep 2018 8:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	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

