

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109081.D
 Acq On : 18 Sep 2018 7:12
 Operator : JU/SJ
 Sample : J4907-11
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Quant Time: Sep 18 08:24:08 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

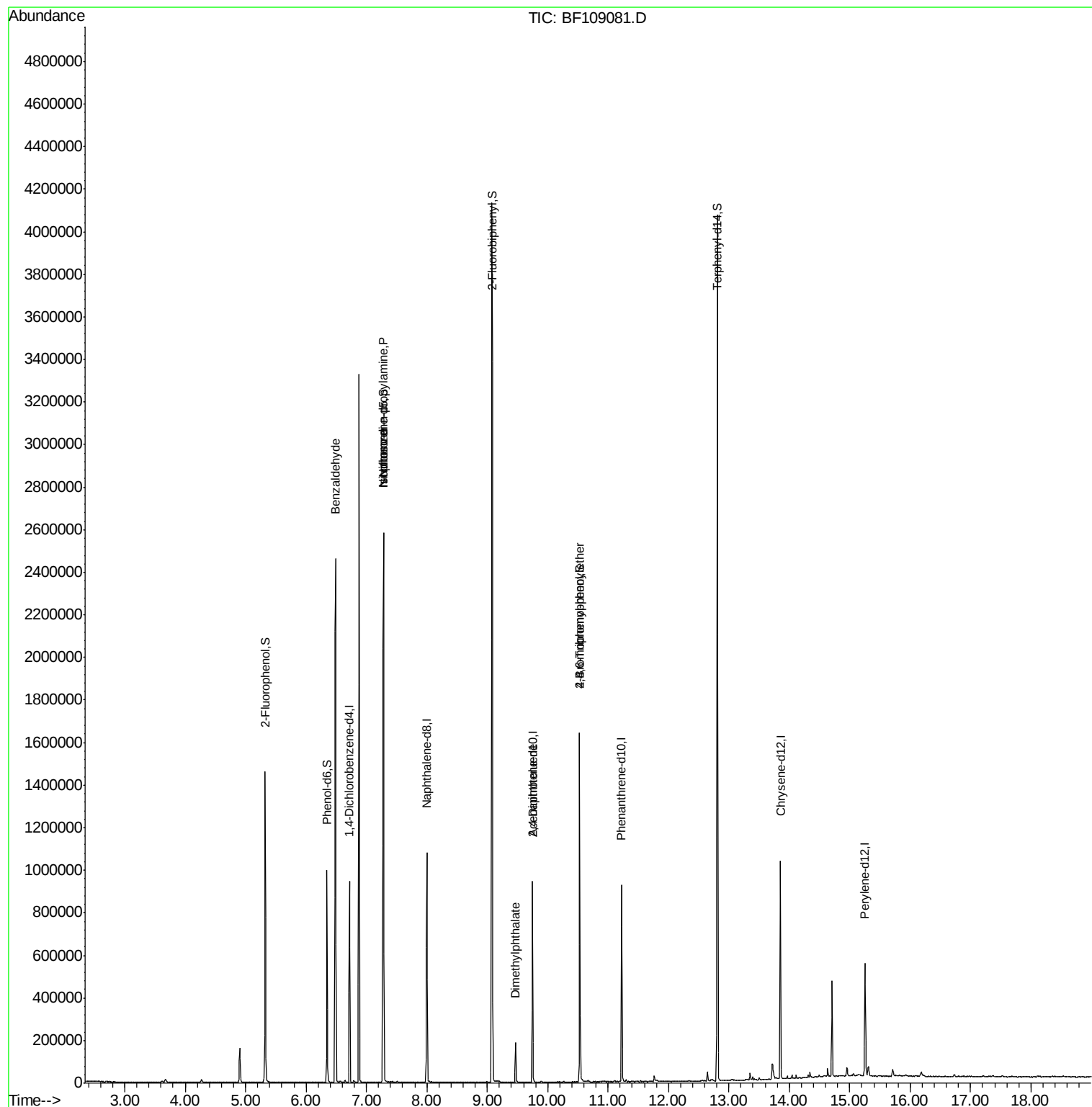
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130093	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	432263	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174950	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	323676	20.00	ng	0.00
75) Chrysene-d12	13.85	240	325870	20.00	ng	0.00
86) Perylene-d12	15.25	264	228069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	370189	47.26	ng	0.00
7) Phenol-d6	6.35	99	278171	27.54	ng	-0.01
23) Nitrobenzene-d5	7.28	82	849416	110.22	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	194039	102.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1296079	116.07	ng	0.00
78) Terphenyl-d14	12.81	244	1356861	98.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	15317	2.375	ng	# 71
19) n-Nitroso-di-n-propylamine	7.28	70	114914	17.213	ng	# 77
25) Isophorone	7.28	82	844045	63.712	ng	# 64
49) Dimethylphthalate	9.47	163	76695	6.133	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	21612	5.959	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	11761	3.223	ng	# 1

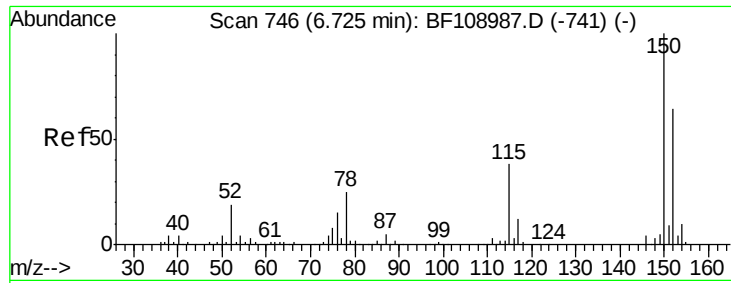
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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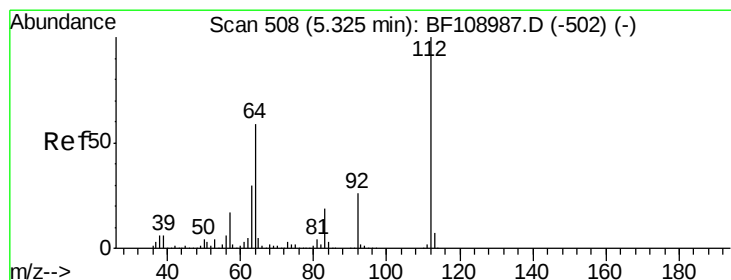
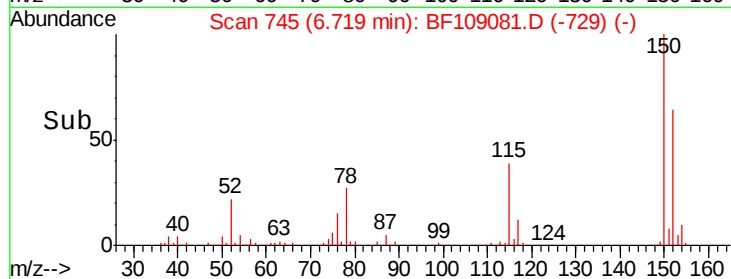
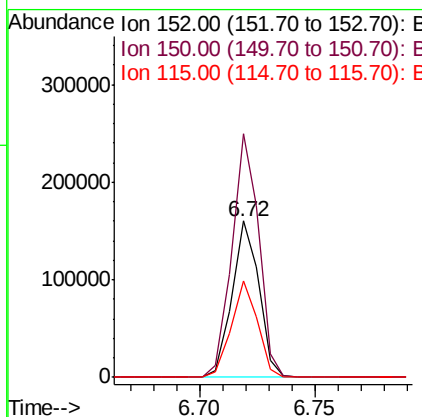
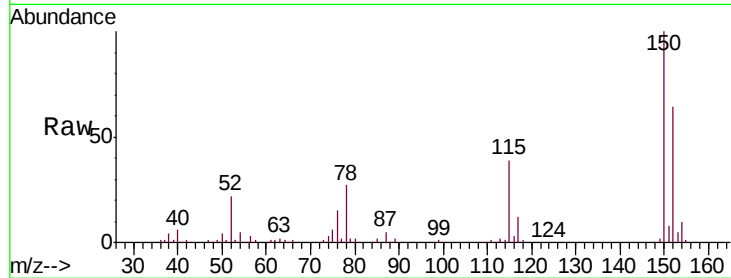




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

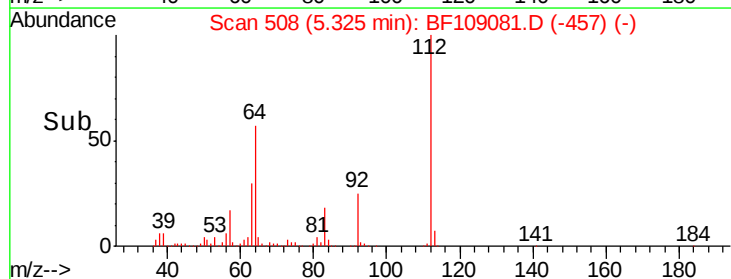
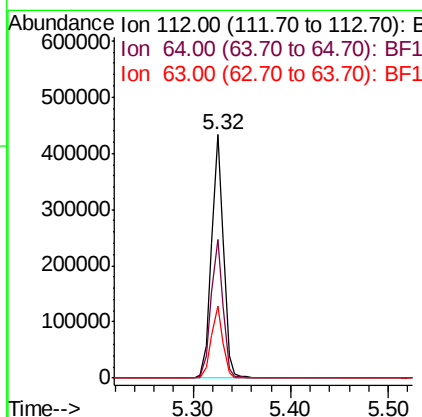
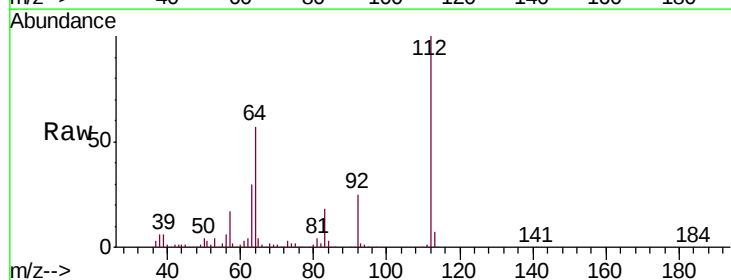
Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Tgt Ion:152 Resp: 130093
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.6 186.8
 115 61.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 47.262 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion:112 Resp: 370189
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 27.542 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109081.D

Acq: 18 Sep 2018 7:12

Instrument :

BNA_F

ClientSampleId :

CBH-139(5)

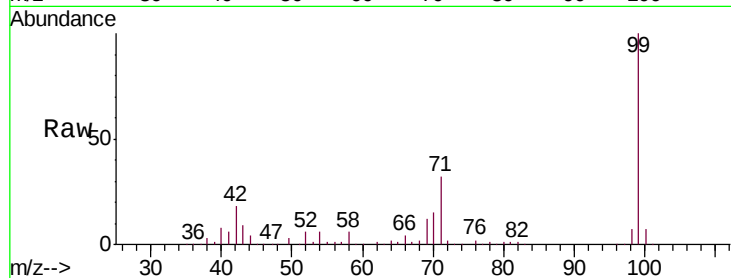
Tgt Ion: 99 Resp: 278171

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

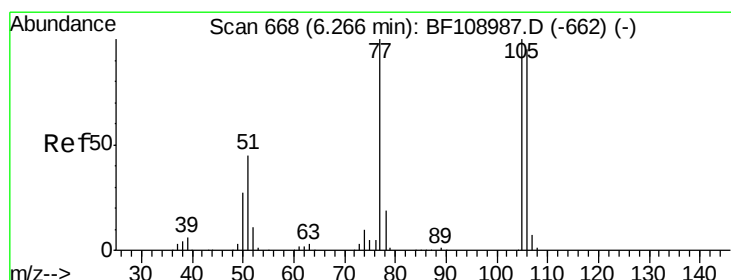
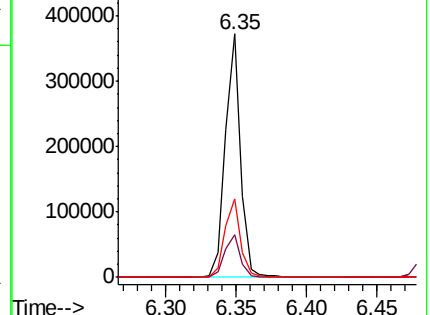
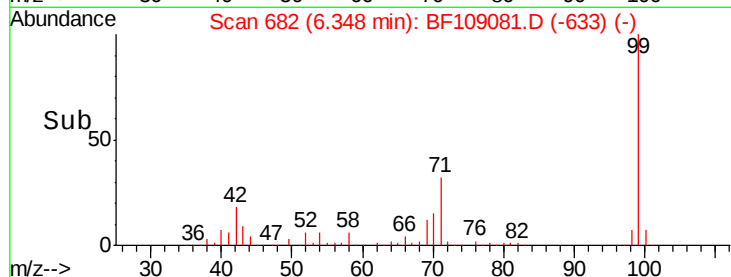
71 32.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.375 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109081.D

Acq: 18 Sep 2018 7:12

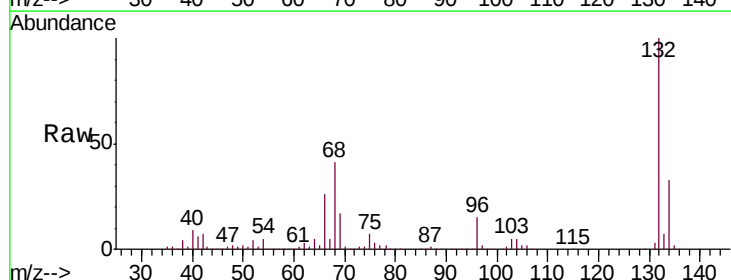
Tgt Ion: 77 Resp: 15317

Ion Ratio Lower Upper

77 100

105 73.2 81.1 121.1#

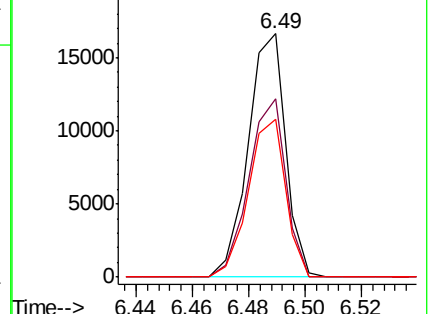
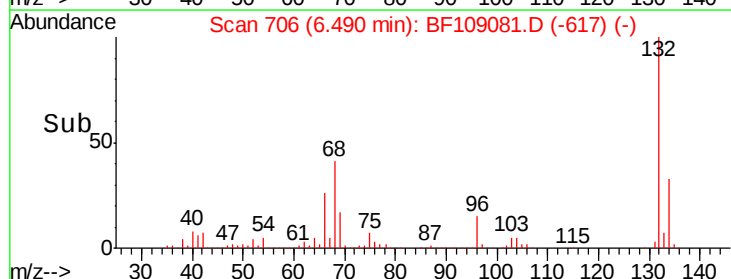
106 65.0 74.5 114.5#

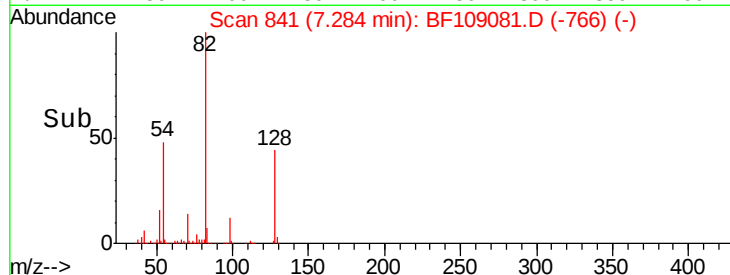
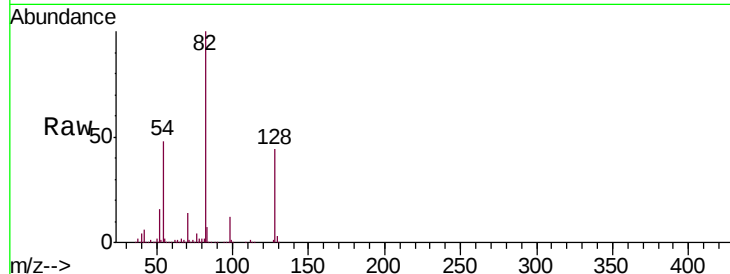
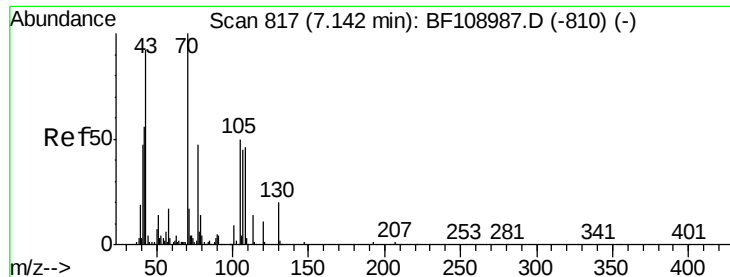


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

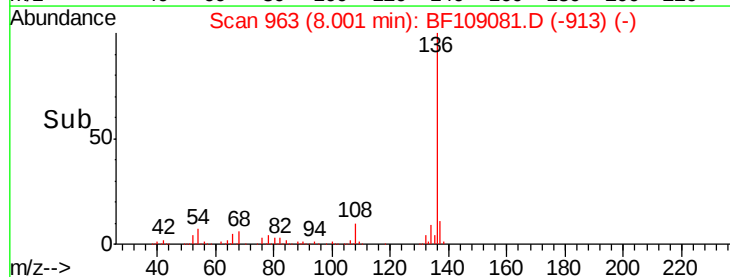
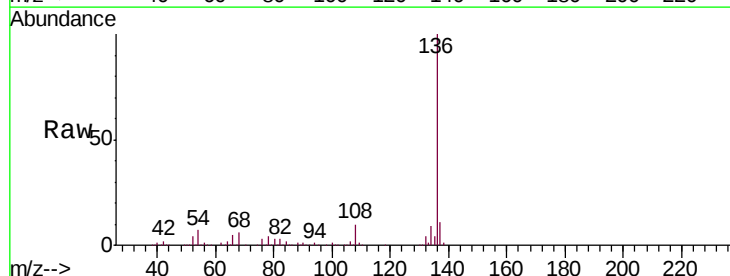
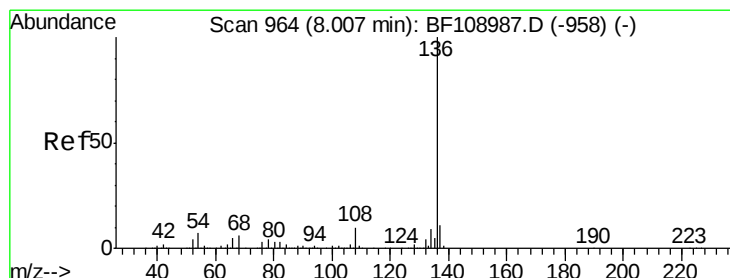
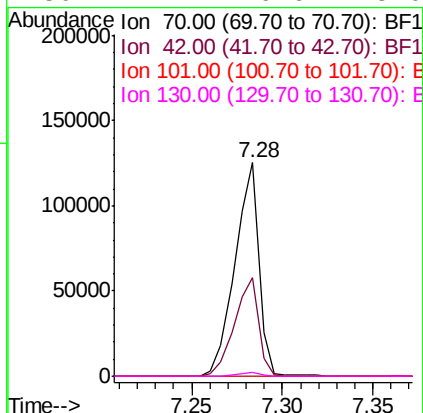




#19
n-Nitroso-di-n-propylamine
Concen: 17.213 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

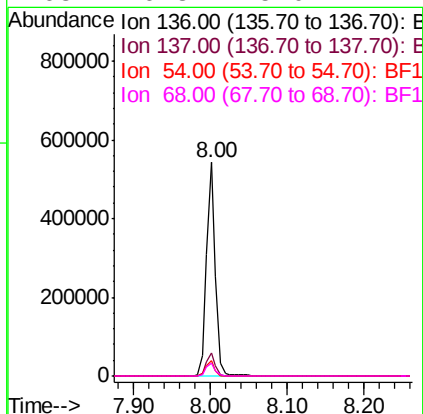
Instrument :
BNA_F
ClientSampleId :
CBH-139(5)

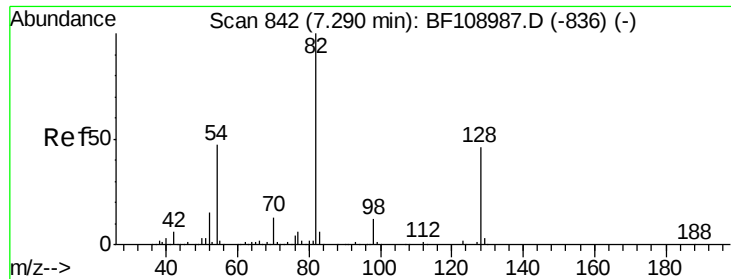
Tgt Ion:	70	Resp:	114914
Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Tgt Ion:	136	Resp:	432263
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4

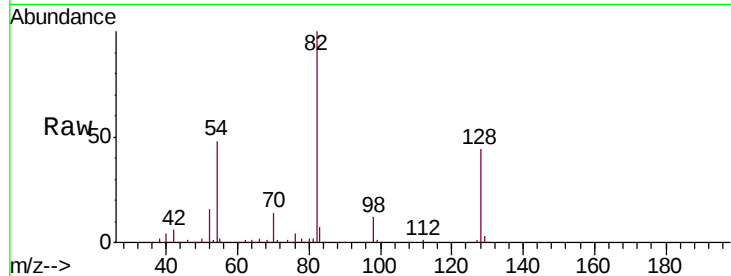




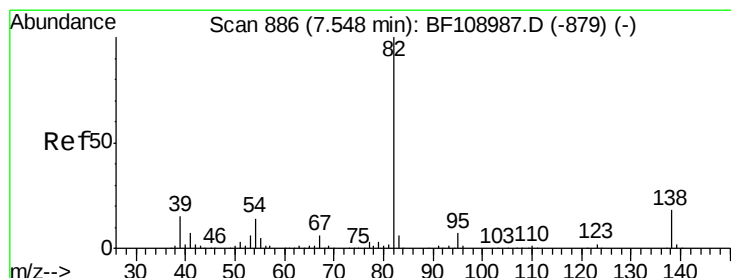
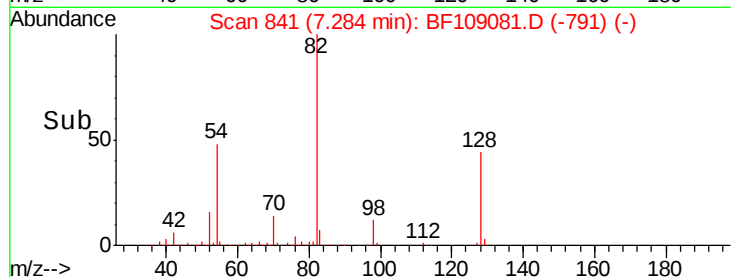
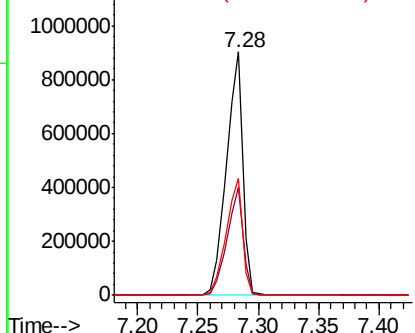
#23
Nitrobenzene-d5
Concen: 110.216 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
BNA_F
ClientSampleId :
CBH-139(5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.2	41.4	62.2

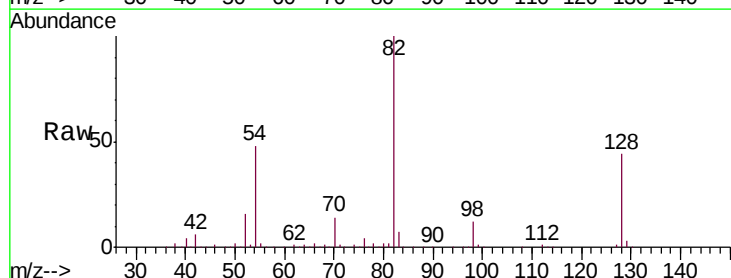


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

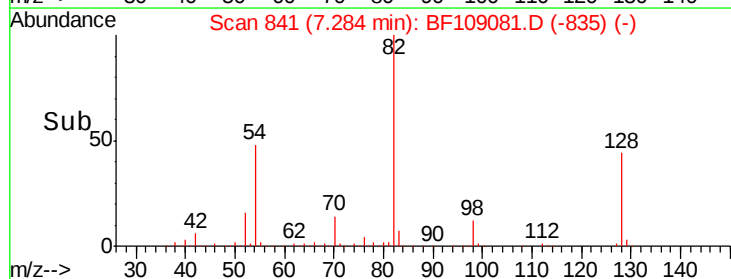
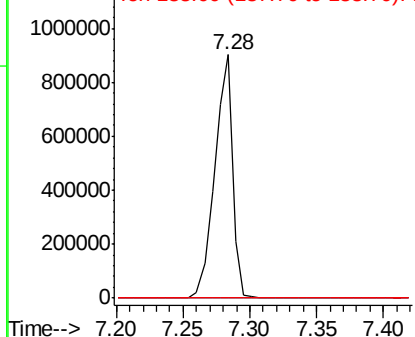


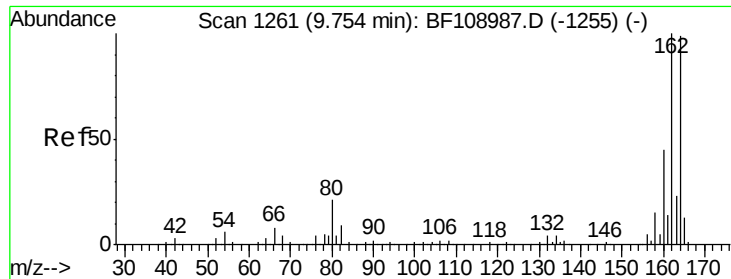
#25
Isophorone
Concen: 63.712 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

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

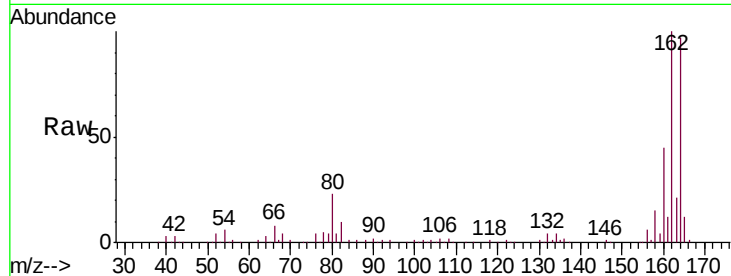




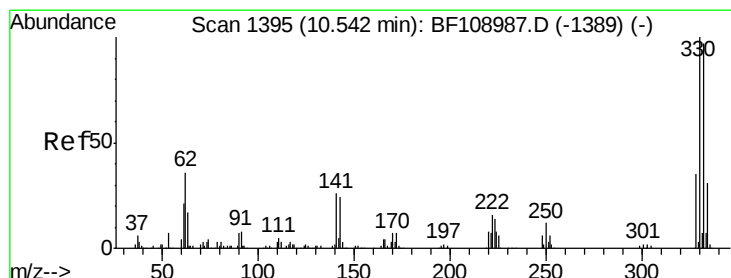
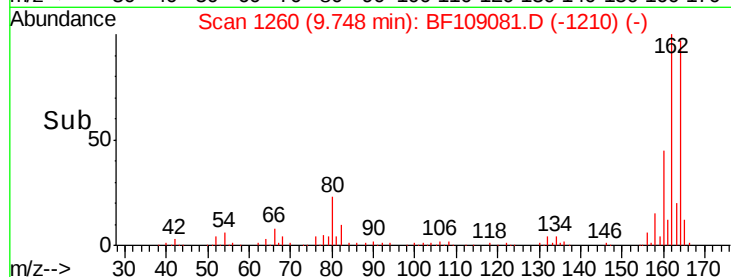
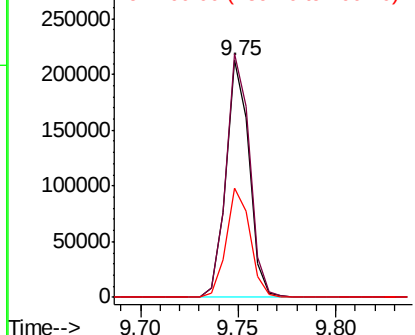
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Instrument :
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ClientSampleId :
CBH-139(5)

Tgt Ion:164 Resp: 174950
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 46.0 38.3 57.5

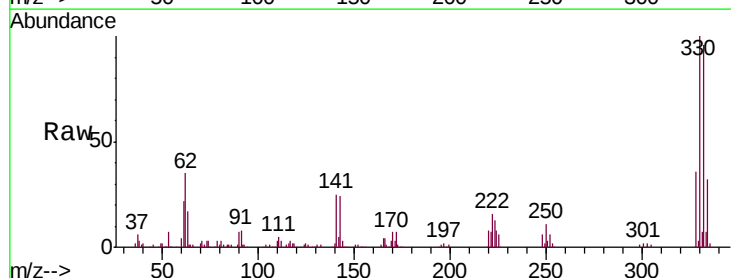


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

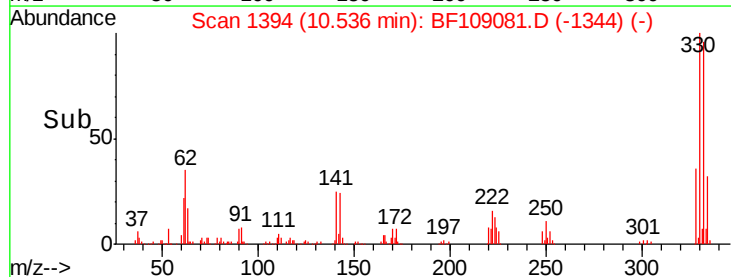
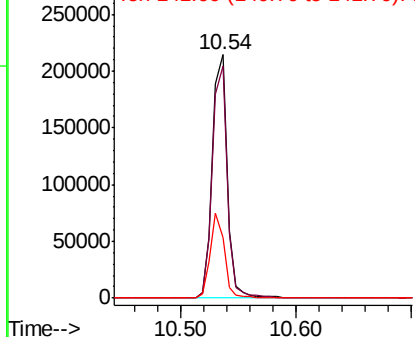


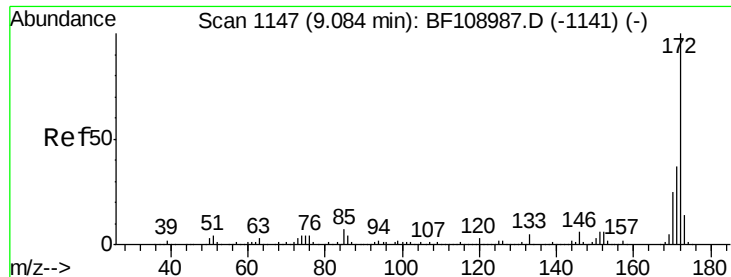
#41
2,4,6-Tribromophenol
Concen: 102.197 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109081.D
Acq: 18 Sep 2018 7:12

Tgt Ion:330 Resp: 194039
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.7 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

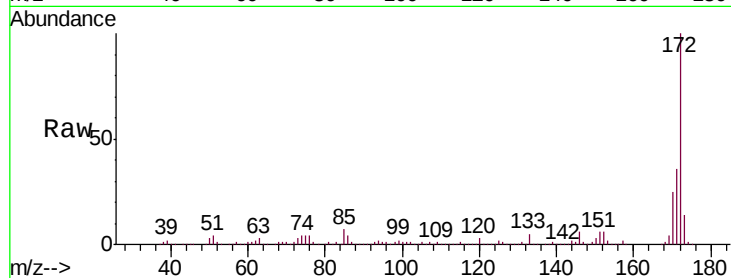




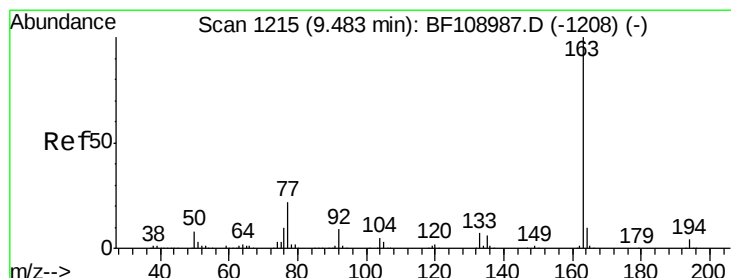
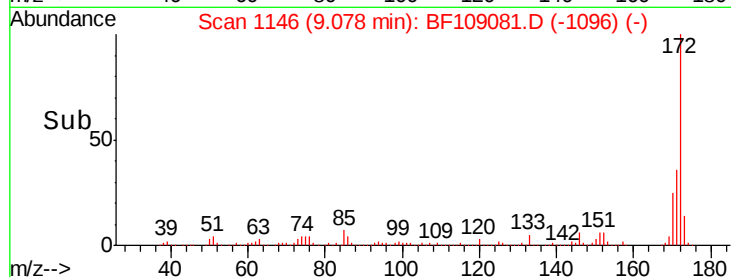
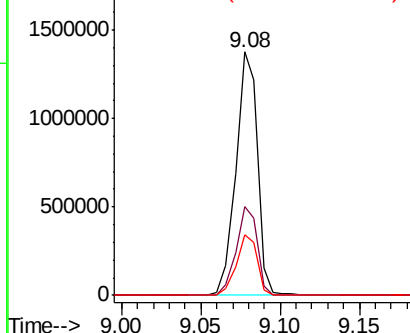
#44
 2-Fluorobiphenyl
 Concen: 116.068 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Tgt Ion:172 Resp: 1296079
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.8 19.6 29.4

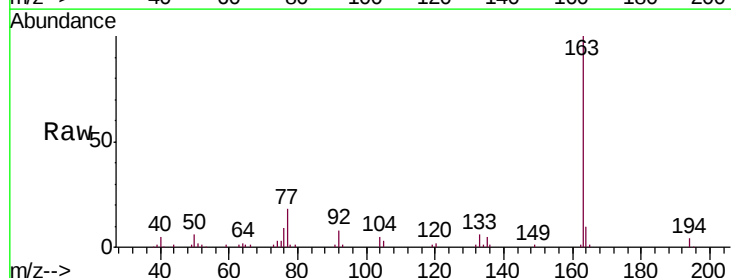


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

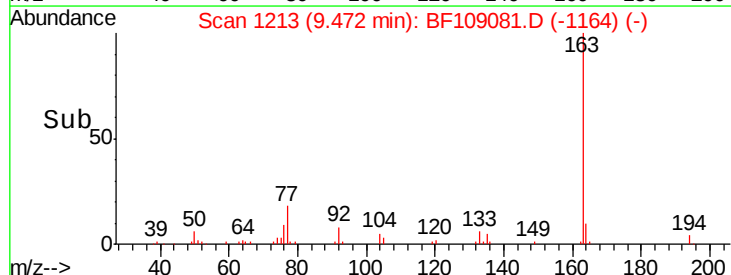
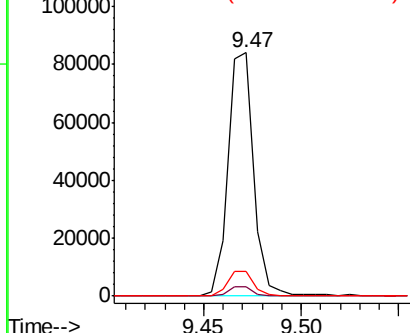


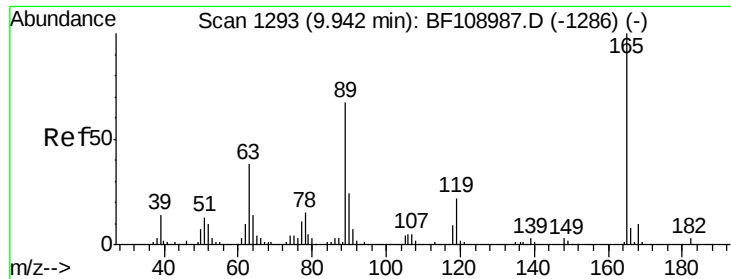
#49
 Dimethylphthalate
 Concen: 6.133 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion:163 Resp: 76695
 Ion Ratio Lower Upper
 163 100
 194 3.8 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

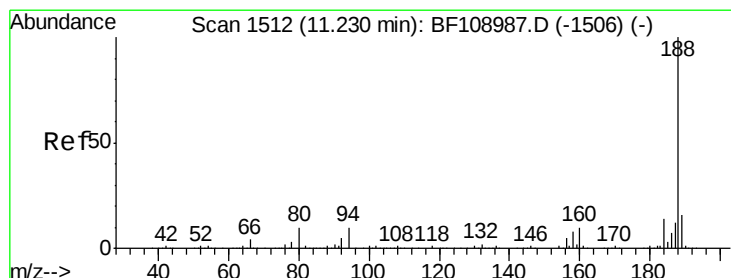
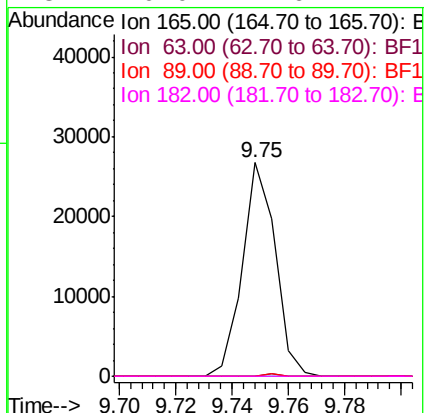
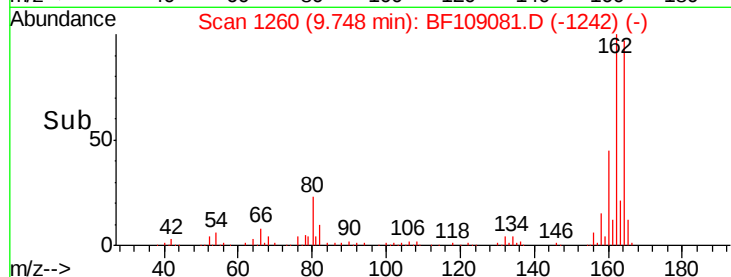
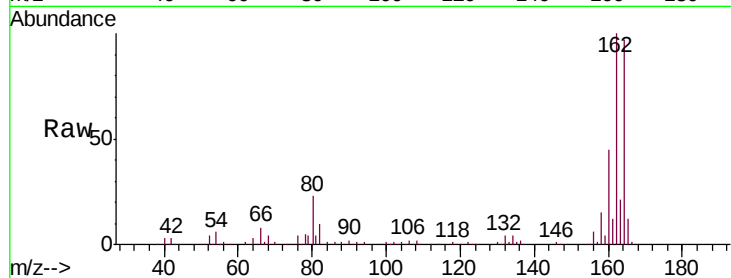




#56
 2,4-Dinitrotoluene
 Concen: 5.959 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

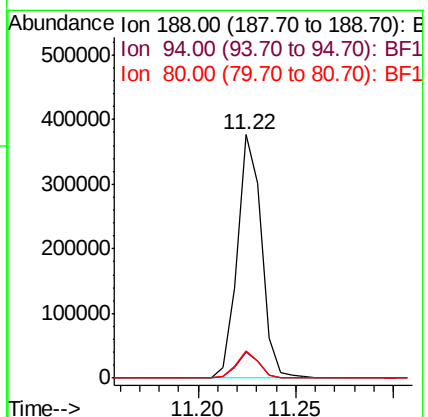
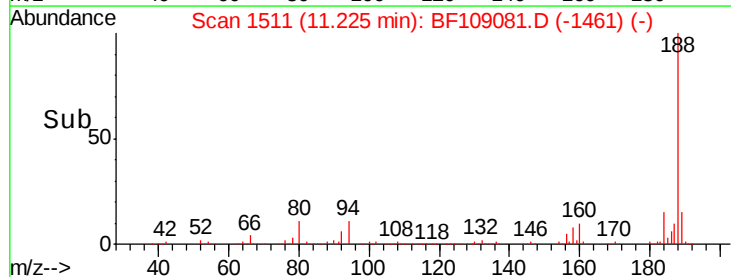
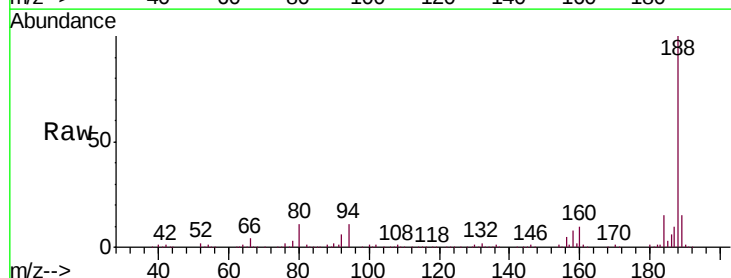
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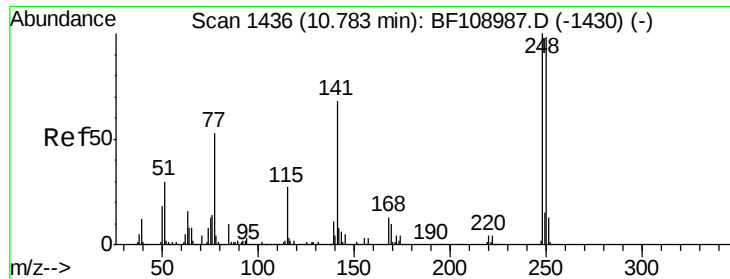
Tgt Ion:	165	Resp:	21612
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion:	188	Resp:	323676
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

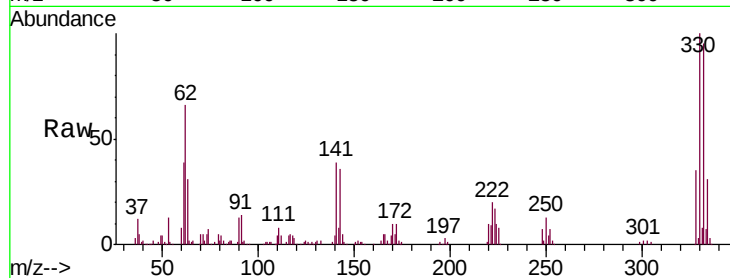




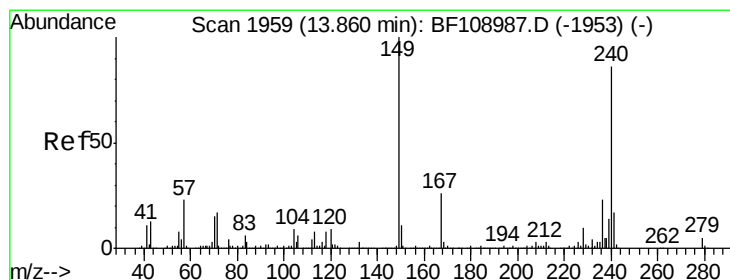
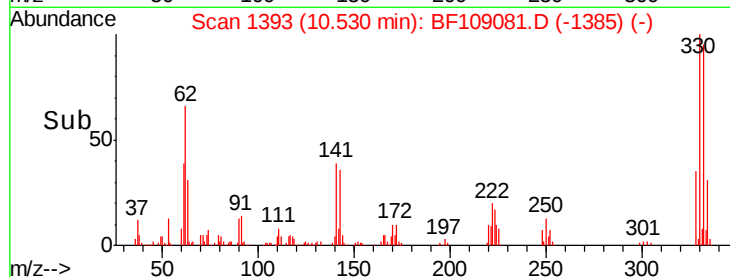
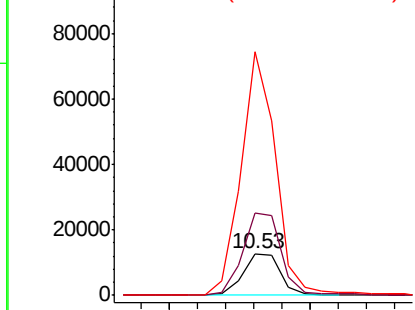
#66
 4-Bromophenyl-phenylether
 Concen: 3.223 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Instrument :
 BNA_F
 ClientSampleID :
 CBH-139(5)

Tgt Ion:248 Resp: 11761
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 581.2 74.4 111.6#

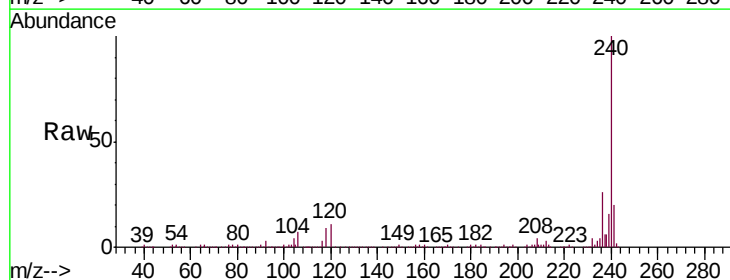


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

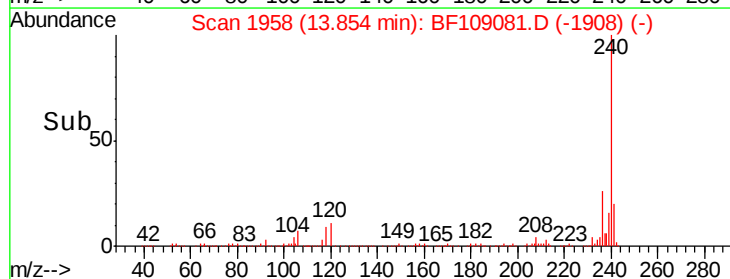
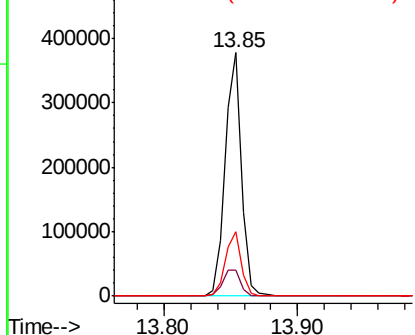


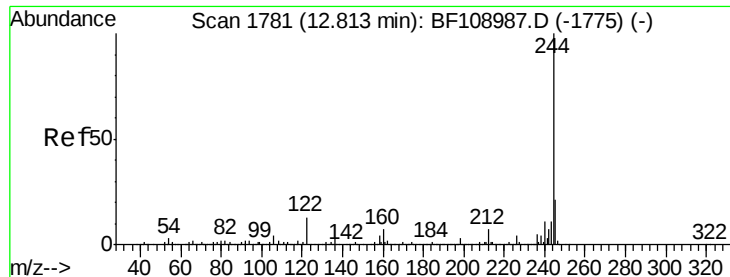
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion:240 Resp: 325870
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.4 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

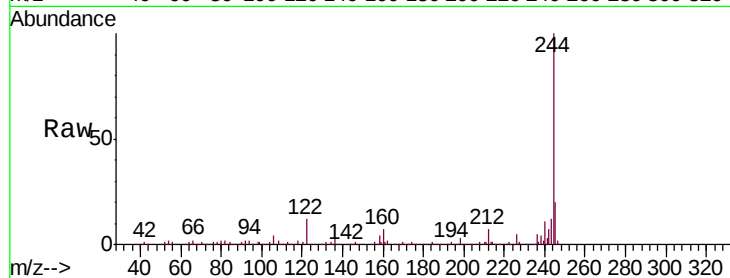




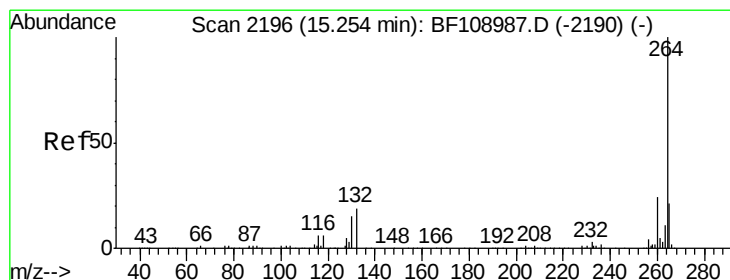
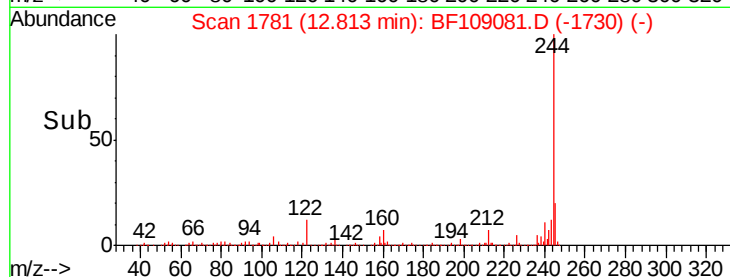
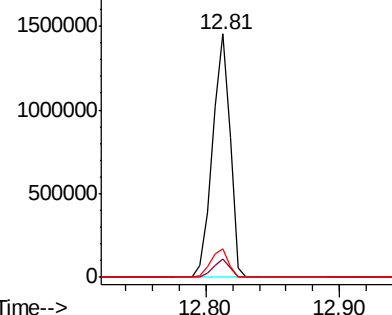
#78
 Terphenyl-d14
 Concen: 98.693 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139(5)

Tgt Ion:244 Resp: 1356861
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.0 11.0 16.4

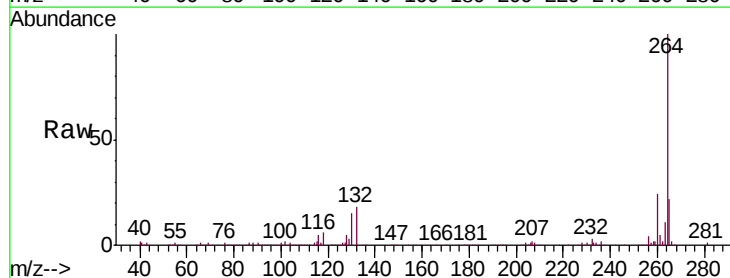


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF109081.D
 Acq: 18 Sep 2018 7:12

Tgt Ion:264 Resp: 228069
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 250000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

