

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098054.D
 Acq On : 26 Aug 2017 2:23
 Operator : SJ/JU
 Sample : I4944-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

Quant Time: Aug 26 03:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

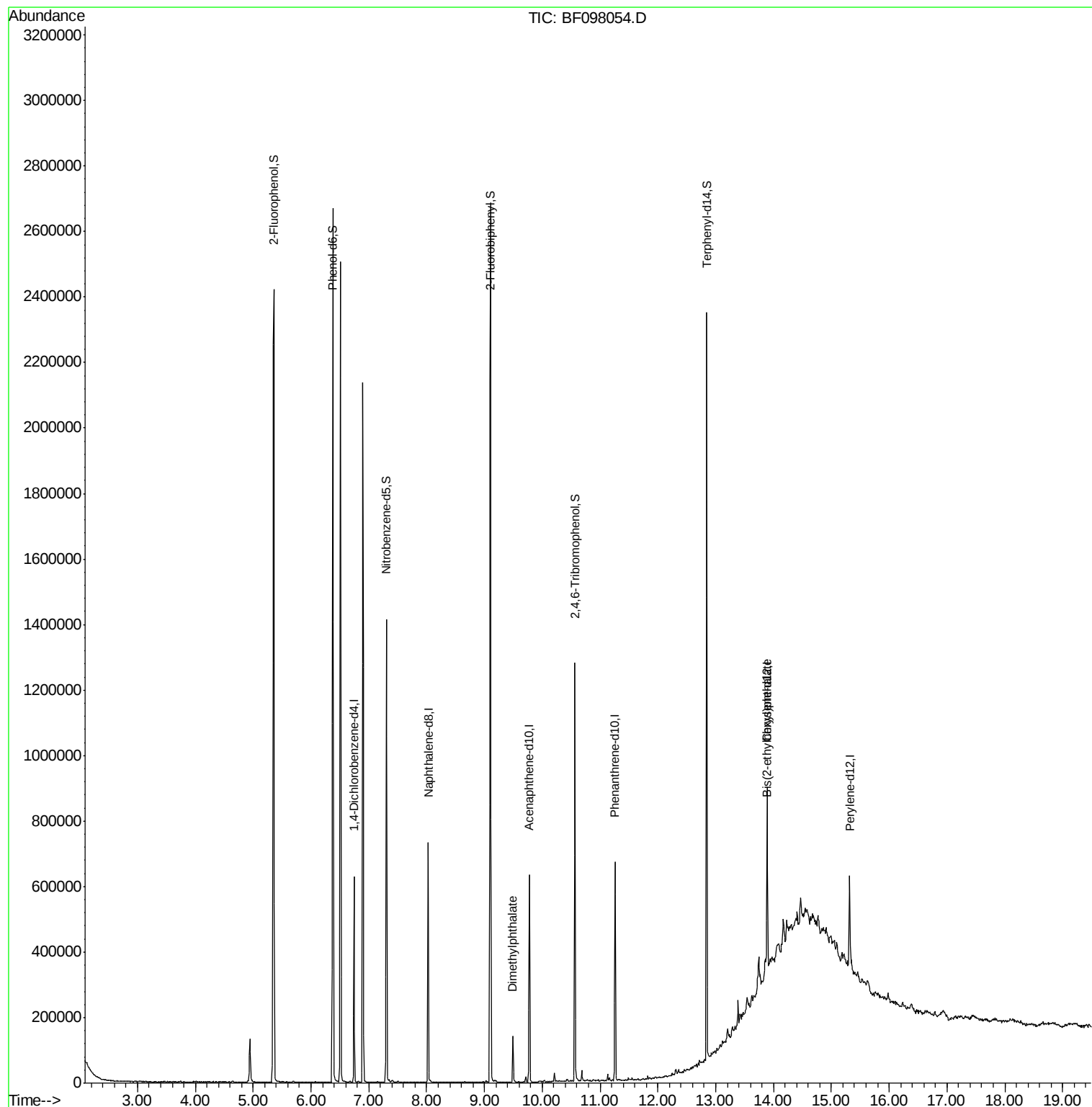
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91713	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	331992	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	122509	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	227489	20.00	ng	0.00
75) Chrysene-d12	13.89	240	186079	20.00	ng	0.00
86) Perylene-d12	15.32	264	128814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	720862	119.56	ng	0.00
7) Phenol-d6	6.38	99	981544	119.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	507036	82.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	137281	129.15	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	811820	97.36	ng	0.00
78) Terphenyl-d14	12.84	244	682576	76.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	53679	5.994	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	13295	2.056	ng	# 96

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

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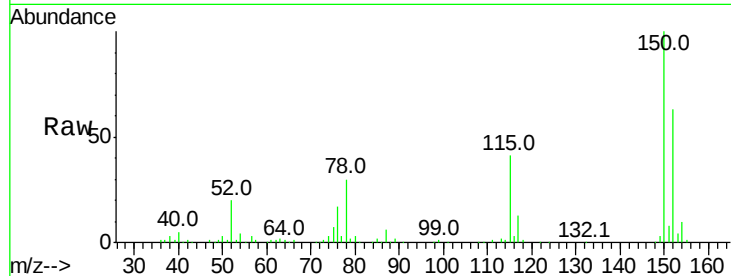


#1

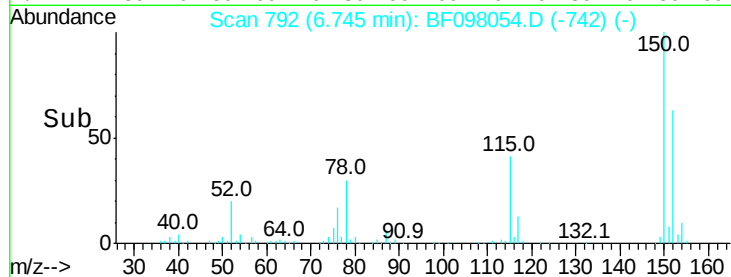
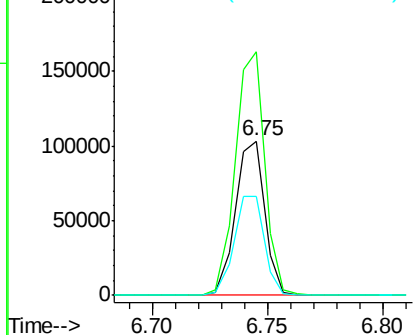
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098054.D
Acq: 26 Aug 2017 2:23

Instrument :
BNA_F
ClientSampleId :
4-1-DRUMS-COMP

Tot Ion:152 Resp: 91713
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 64.3 52.2 78.2



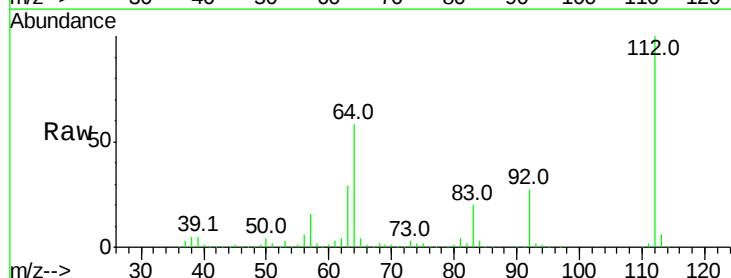
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



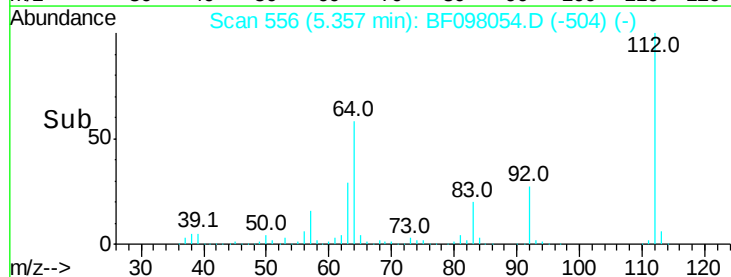
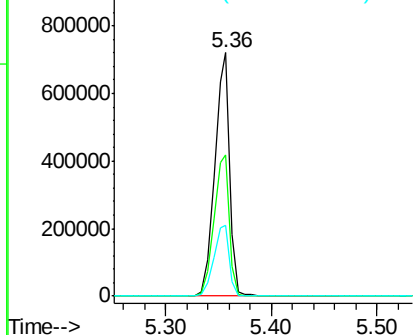
#5

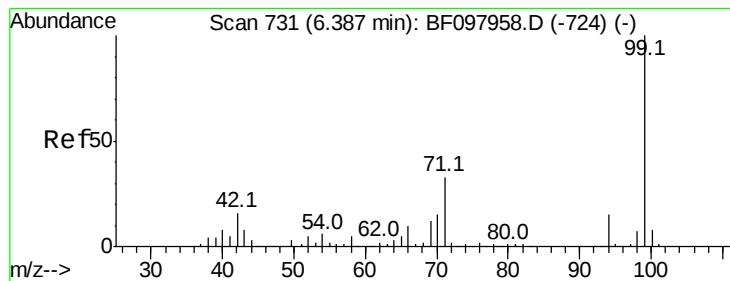
2-Fluorophenol
Concen: 119.556 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098054.D
Acq: 26 Aug 2017 2:23

Tgt Ion:112 Resp: 720862
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.812 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098054.D

Acq: 26 Aug 2017 2:23

Instrument :

BNA_F

ClientSampleId :

4-1-DRUMS-COMP

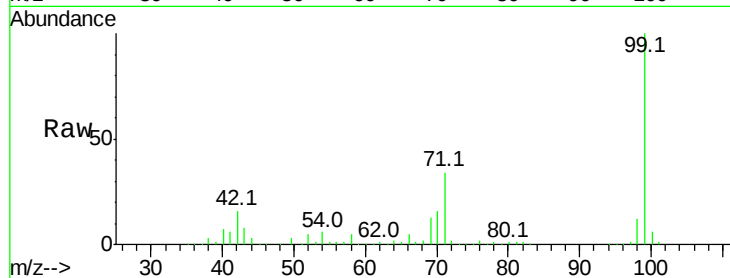
Tot Ion: 99 Resp: 981544

Ion Ratio Lower Upper

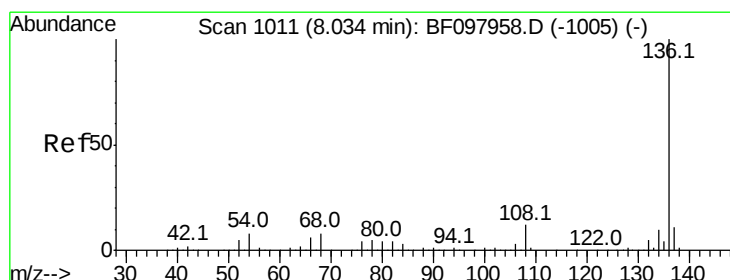
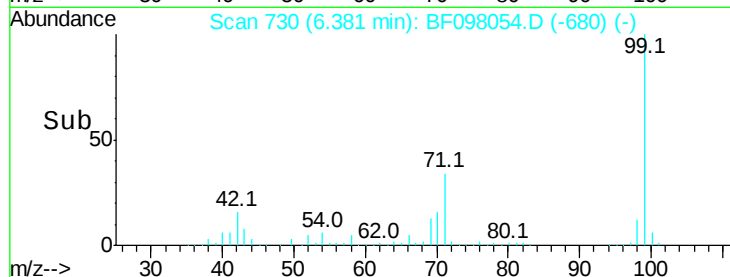
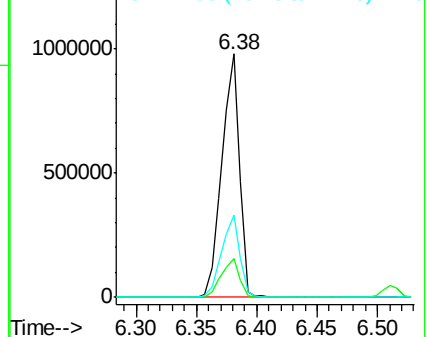
99 100

42 15.8 13.5 20.3

71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF098054.D

Acq: 26 Aug 2017 2:23

Tgt Ion: 136 Resp: 331992

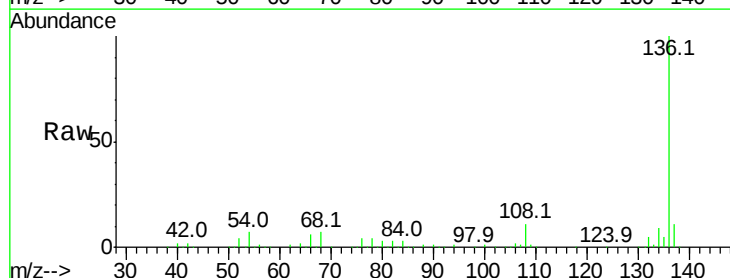
Ion Ratio Lower Upper

136 100

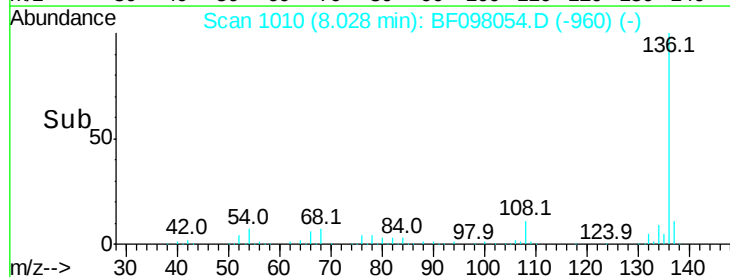
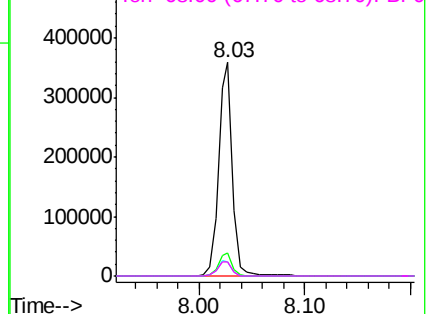
137 10.6 8.5 12.7

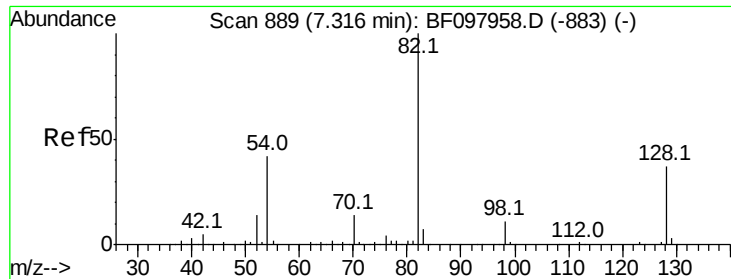
54 6.8 4.9 7.3

68 6.8 4.1 6.1#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

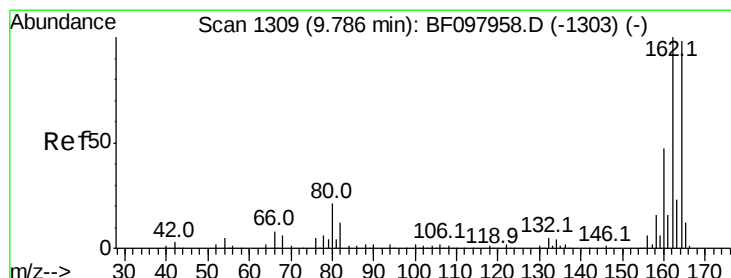
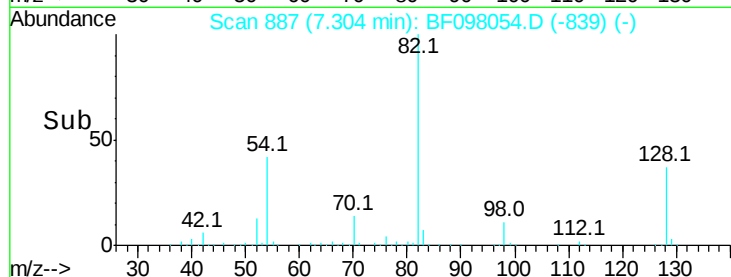
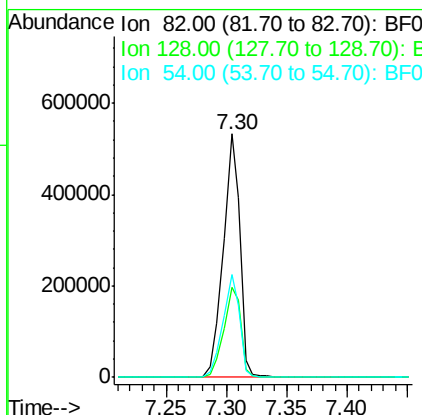
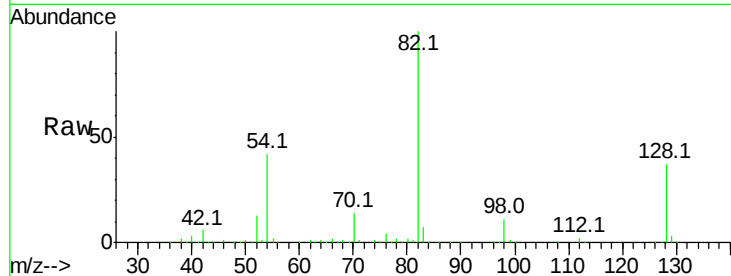




#23
 Nitrobenzene-d5
 Concen: 82.967 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

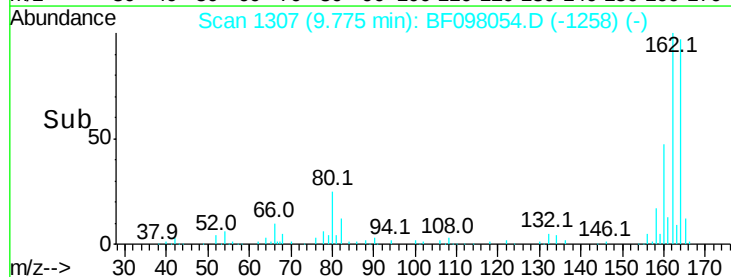
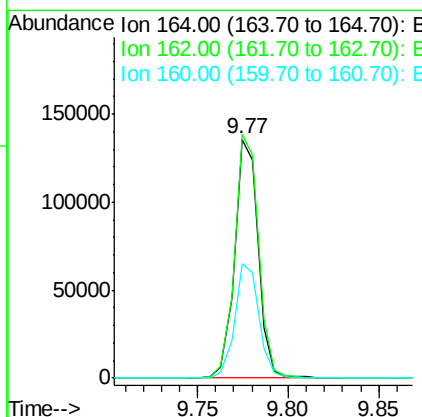
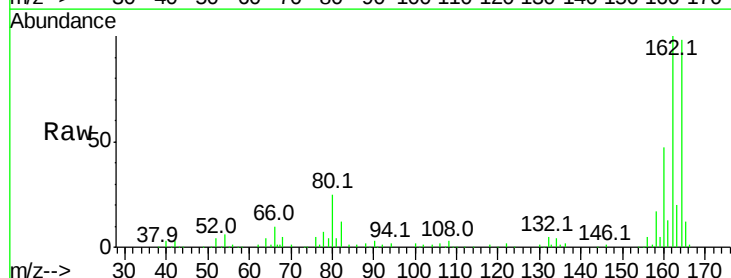
Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

Tot Ion	82	Resp	507036
Ion Ratio	Lower	Upper	
82	100		
128	37.0	34.0	51.0
54	42.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	164	Resp	122509
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.6	123.8
160	47.9	36.2	54.2

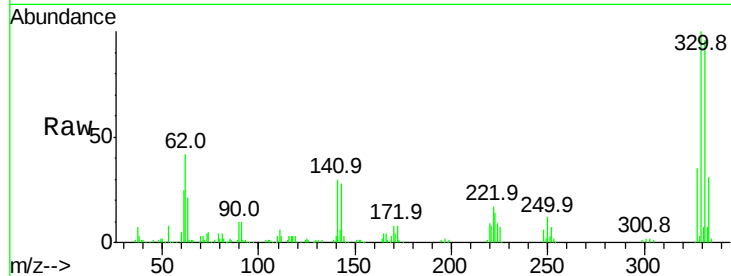




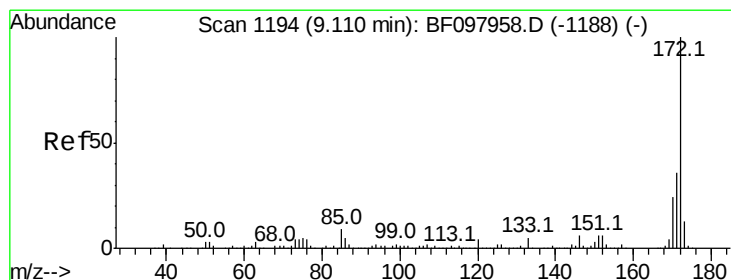
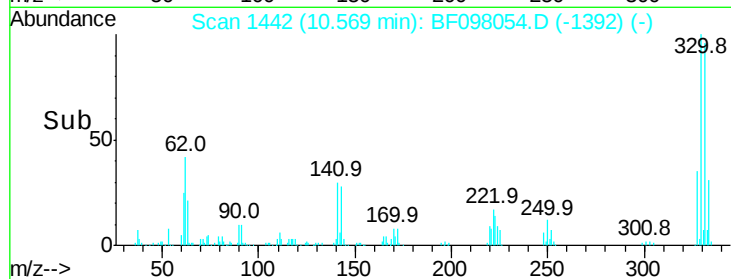
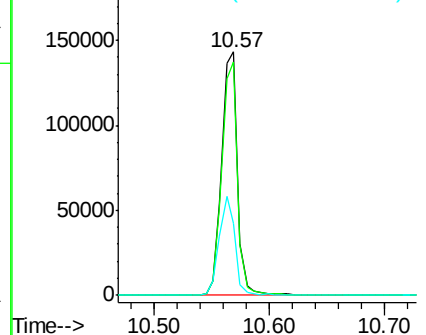
#41
 2,4,6-Tribromophenol
 Concen: 129.149 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	40.4	31.4	47.2

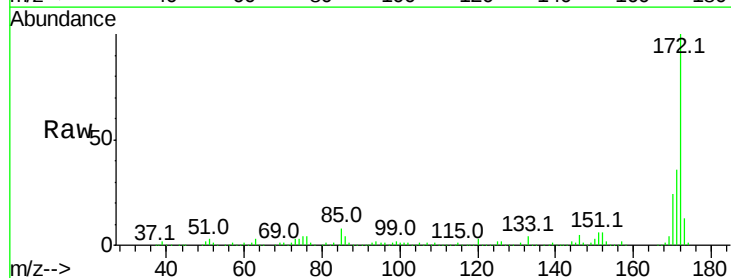


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

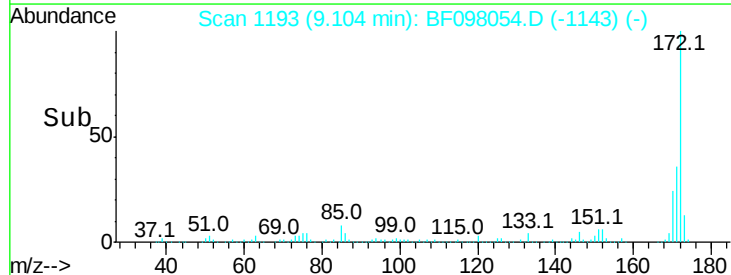
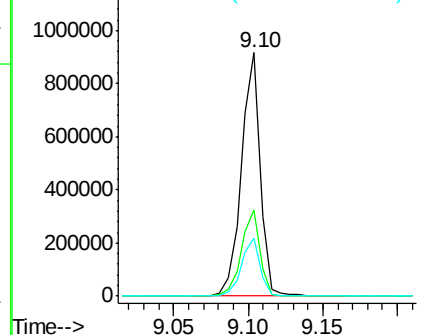


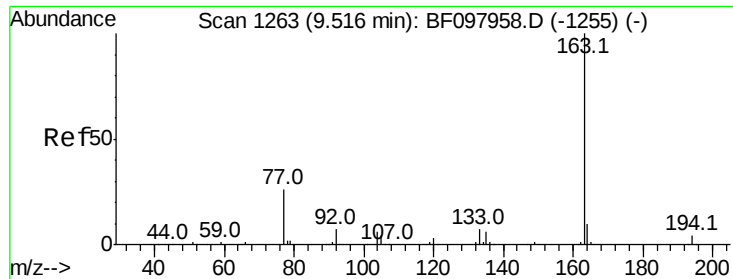
#44
 2-Fluorobiphenyl
 Concen: 97.359 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	19.8	29.8



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

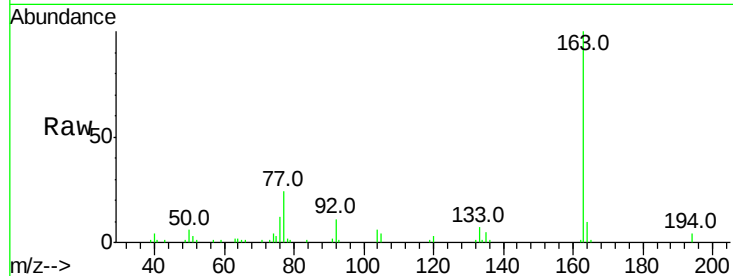




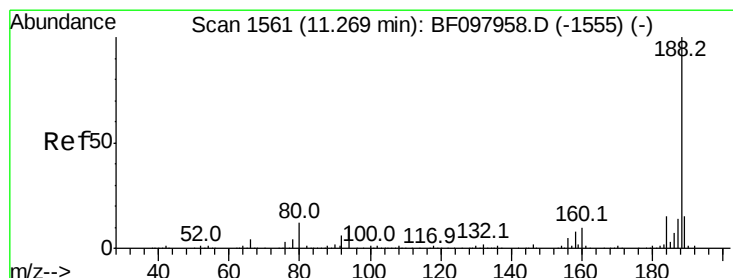
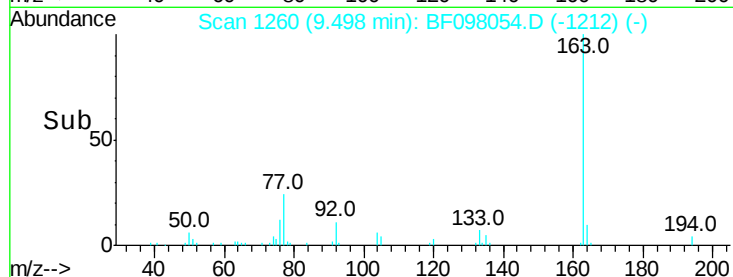
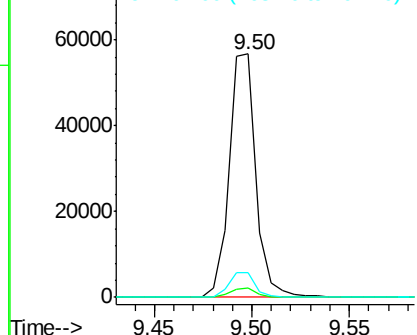
#49
Dimethylphthalate
Concen: 5.994 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF098054.D
Acq: 26 Aug 2017 2:23

Instrument :
BNA_F
ClientSampleId :
4-1-DRUMS-COMP

Tot Ion:163 Resp: 53679
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.9 8.4 12.6

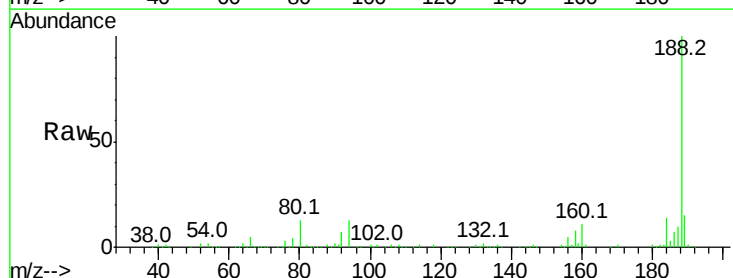


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

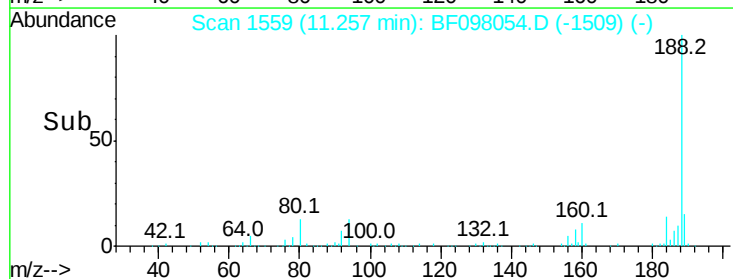
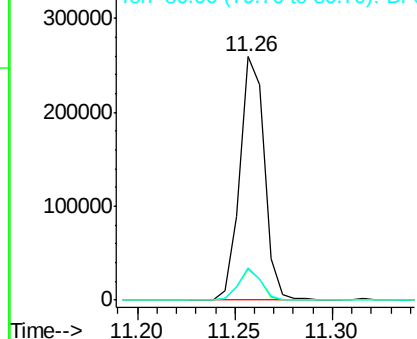


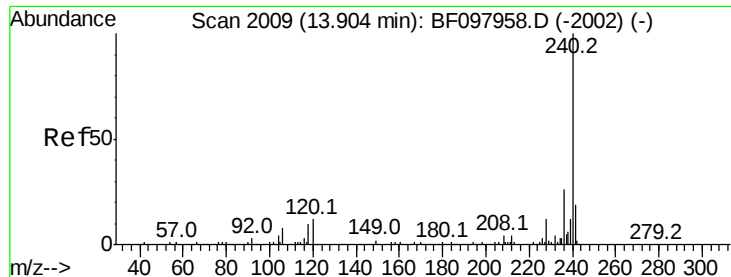
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098054.D
Acq: 26 Aug 2017 2:23

Tgt Ion:188 Resp: 227489
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 13.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098054.D

Acq: 26 Aug 2017 2:23

Instrument :

BNA_F

ClientSampleId :

4-1-DRUMS-COMP

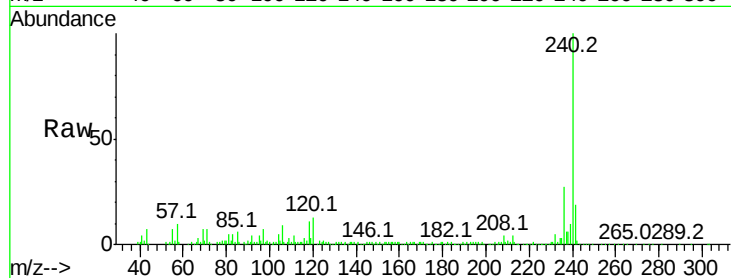
Tot Ion:240 Resp: 186079

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

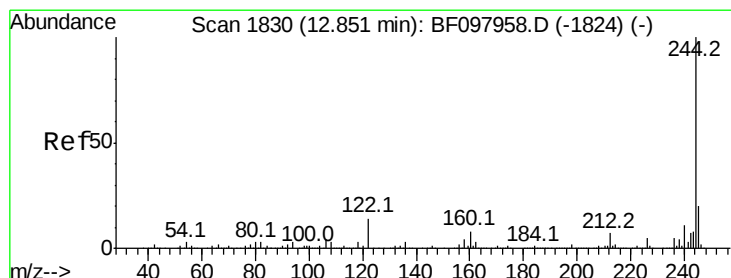
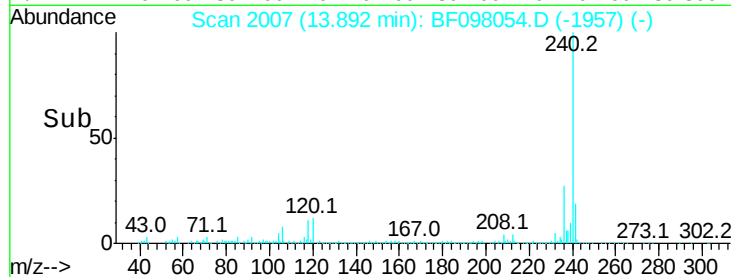
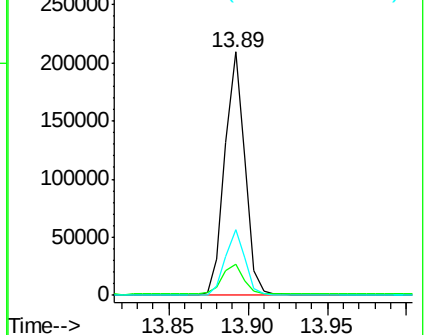
236 27.1 20.5 30.7



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: 76.494 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098054.D

Acq: 26 Aug 2017 2:23

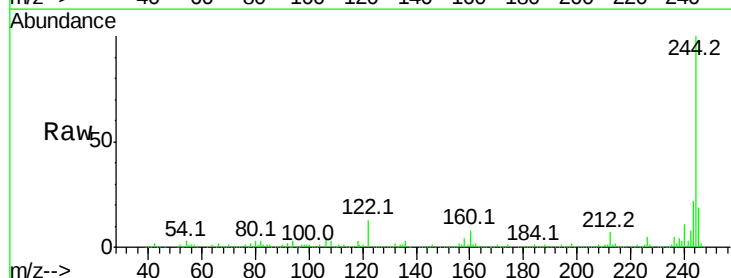
Tgt Ion:244 Resp: 682576

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

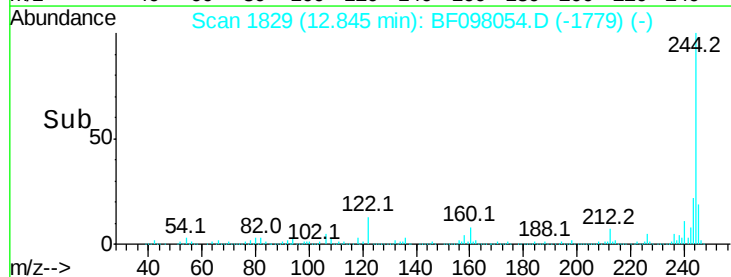
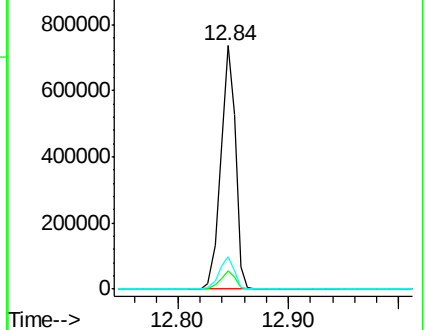
122 13.4 10.3 15.5

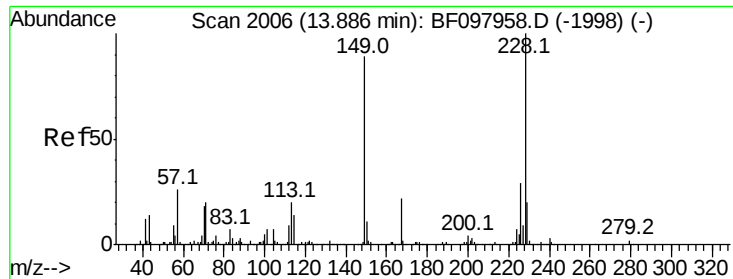


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

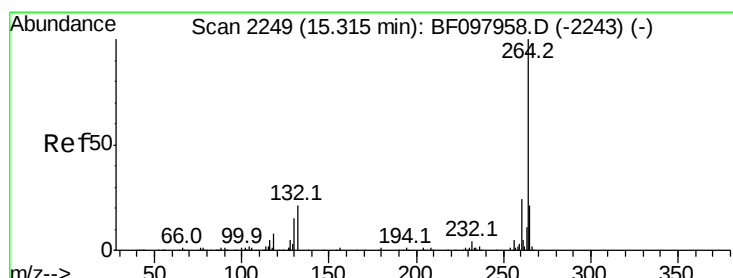
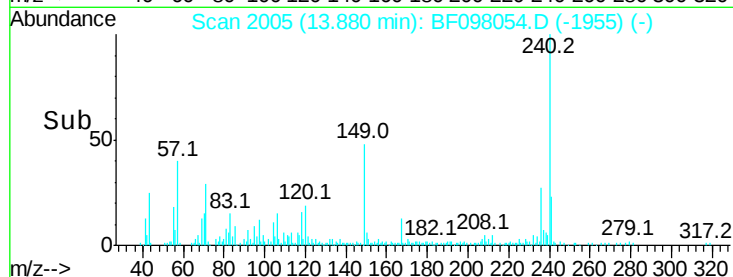
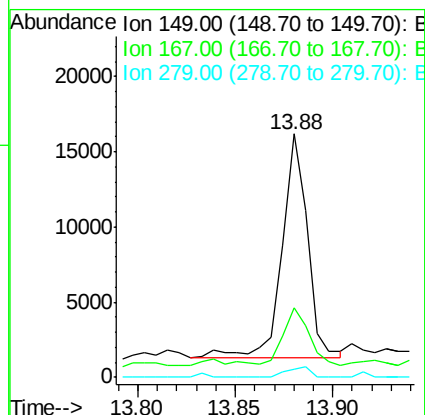
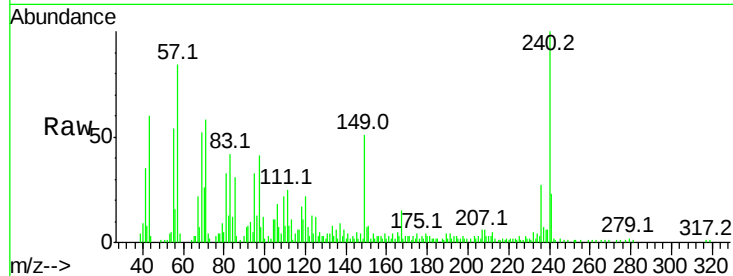




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.056 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Instrument :
 BNA_F
 ClientSampleId :
 4-1-DRUMS-COMP

Tot Ion:149 Resp: 13295
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.0 31.4
 279 3.3 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098054.D
 Acq: 26 Aug 2017 2:23

Tgt Ion:264 Resp: 128814
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.0 17.2 25.8

