

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098210.D
 Acq On : 31 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4963-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3835-CC4

Quant Time: Sep 01 04:18:30 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	6.72	152	116925	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	458498	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	209491	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	402748	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	269279	20.00	ng	-0.03
86) Perylene-d12	15.28	264	221634	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	157393	20.48	ng	-0.02
7) Phenol-d6	6.36	99	115254	11.03	ng	-0.03
23) Nitrobenzene-d5	7.29	82	604713	71.65	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	90892	50.00	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	997700	69.97	ng	-0.03
78) Terphenyl-d14	12.82	244	914690	70.83	ng	-0.03

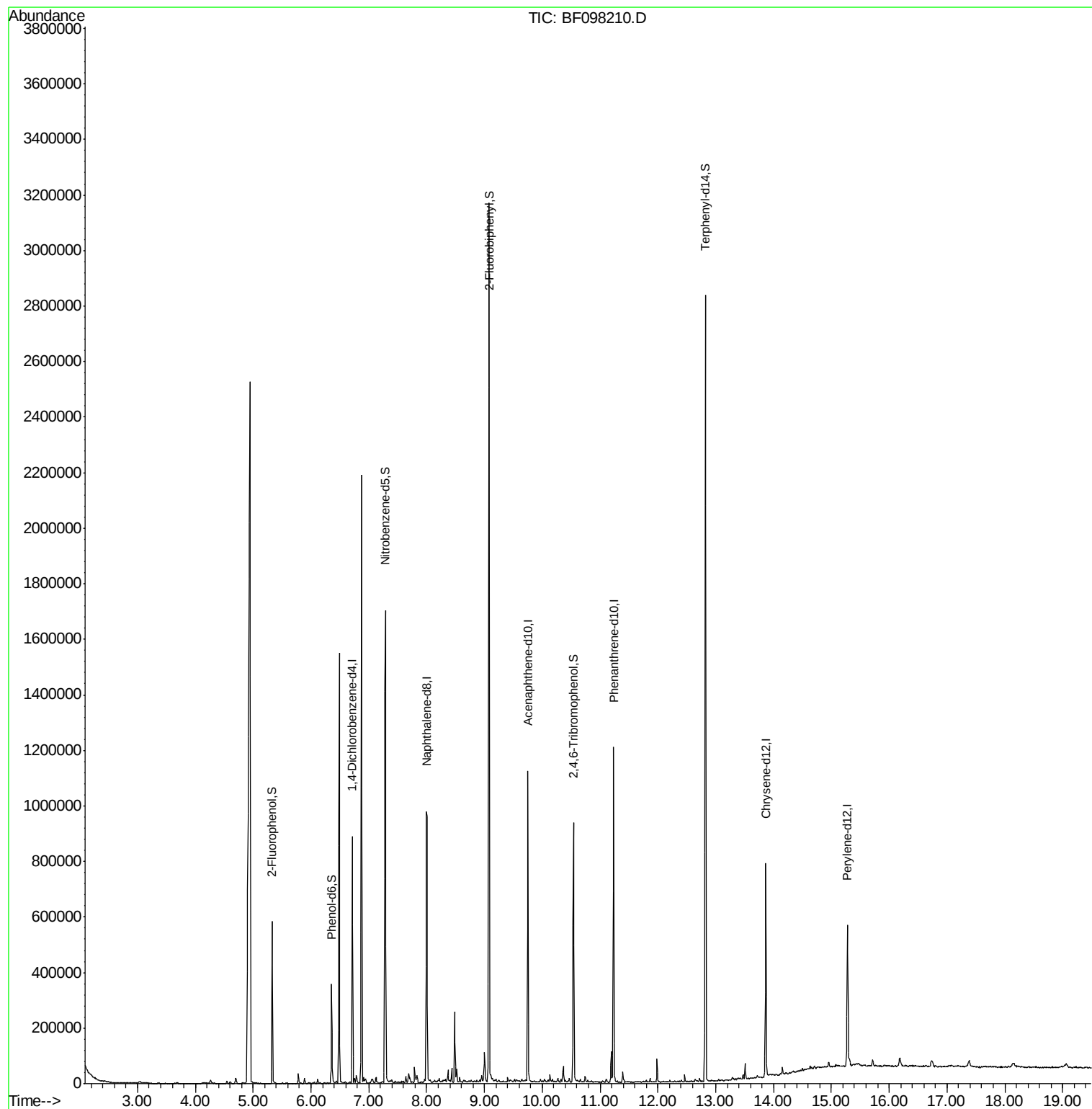
Target Compounds Qvalue

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

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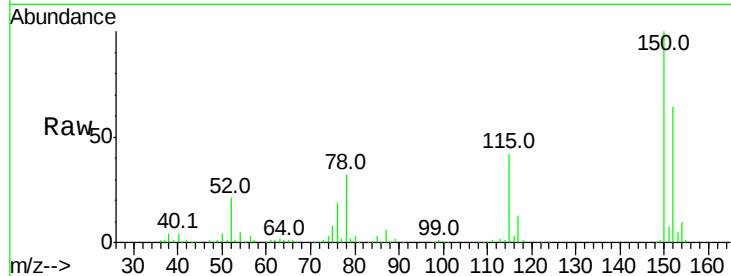


#1

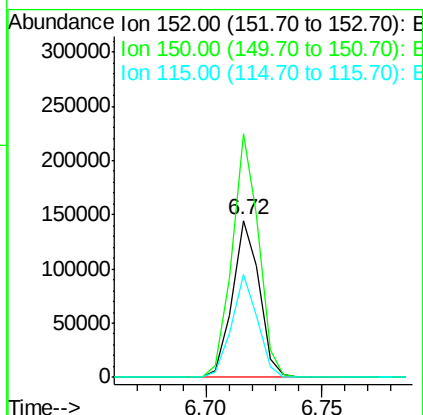
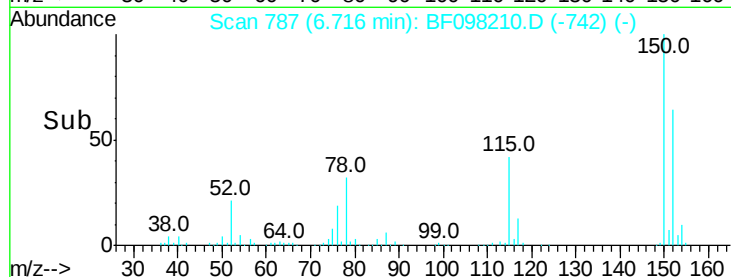
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 3835-CC4

Tot Ion:152 Resp: 116925
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 65.6 52.2 78.2



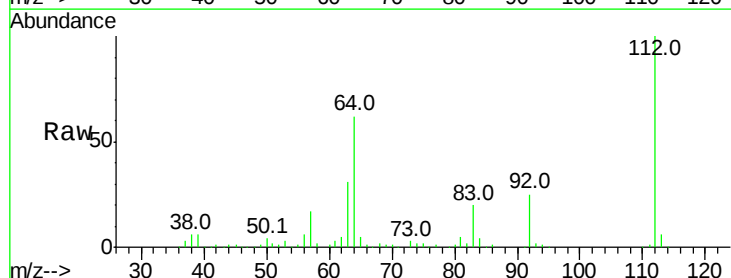
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



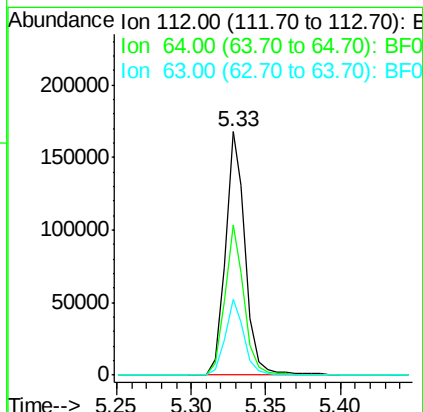
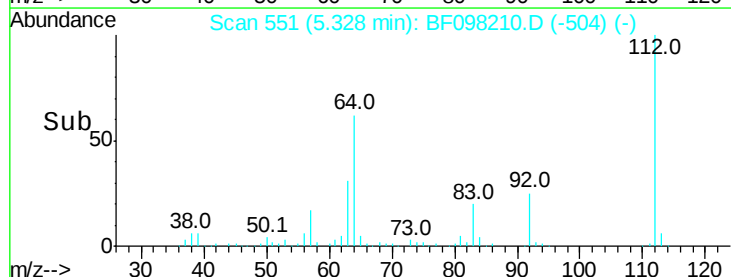
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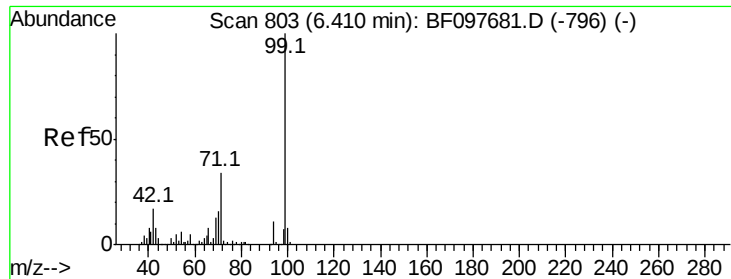
2-Fluorophenol
 Concen: 20.475 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

Tgt Ion:112 Resp: 157393
 Ion Ratio Lower Upper
 112 100
 64 61.7 46.0 69.0
 63 31.0 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: 11.035 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098210.D

Acq: 31 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

3835-CC4

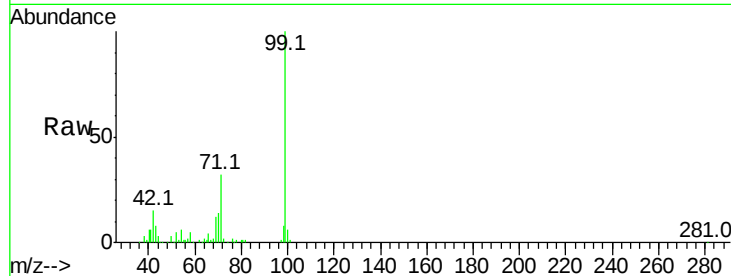
Tot Ion: 99 Resp: 115254

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

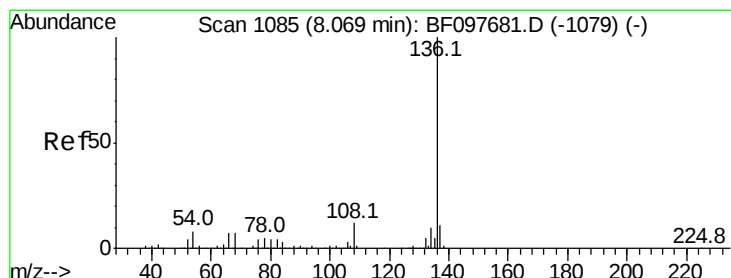
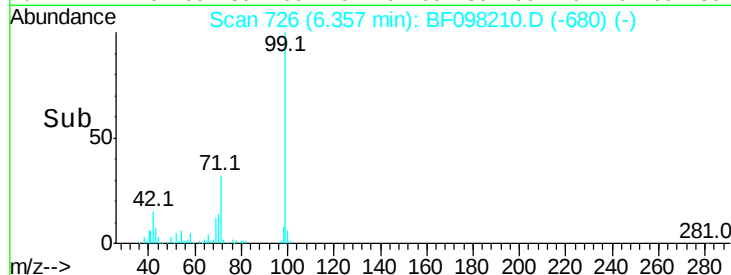
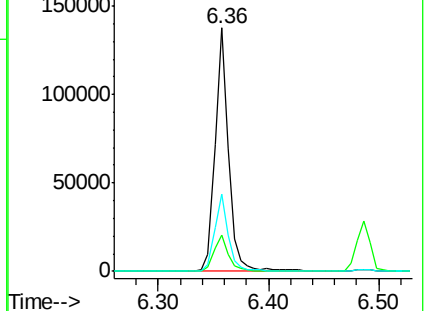
71 31.9 24.5 36.7



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098210.D

Acq: 31 Aug 2017 22:31

Tgt Ion: 136 Resp: 458498

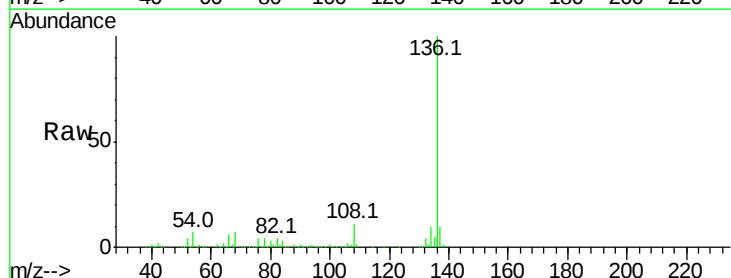
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 6.6 4.1 6.1#

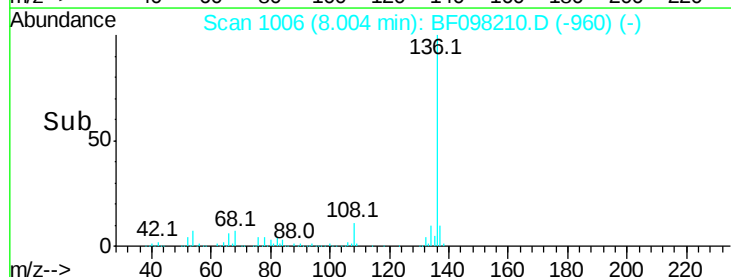
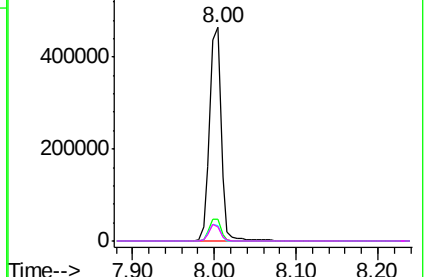


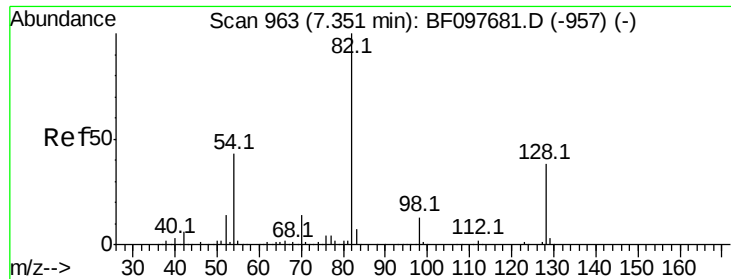
Abundance Ion 136.00 (135.70 to 136.70): E

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

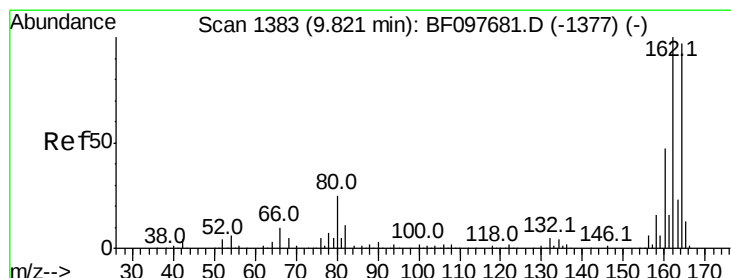
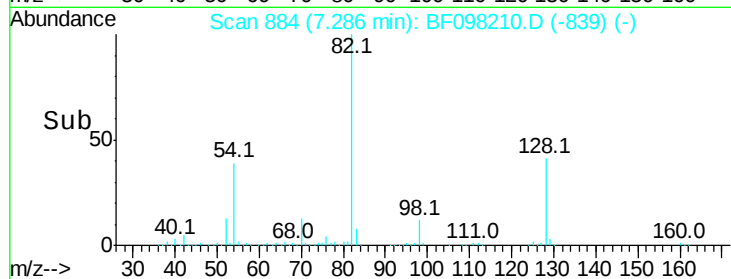
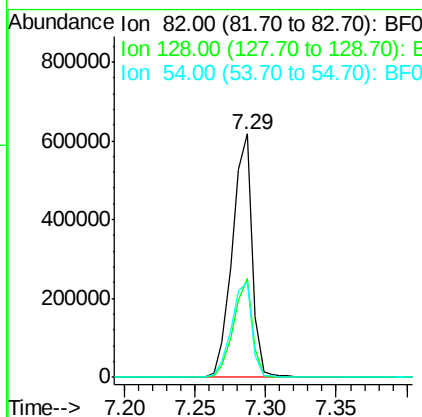
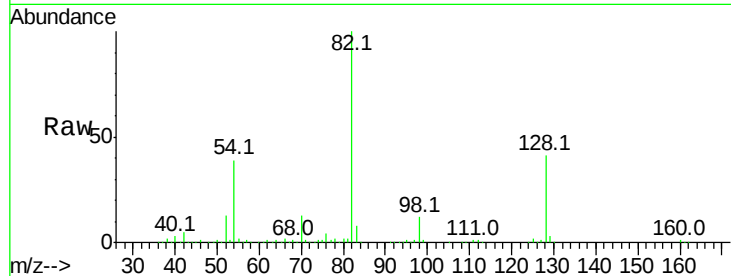




#23
 Nitrobenzene-d5
 Concen: 71.649 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

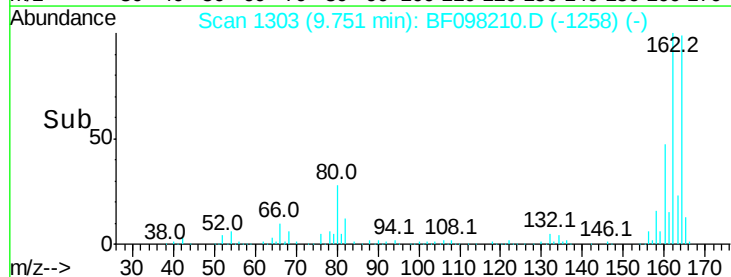
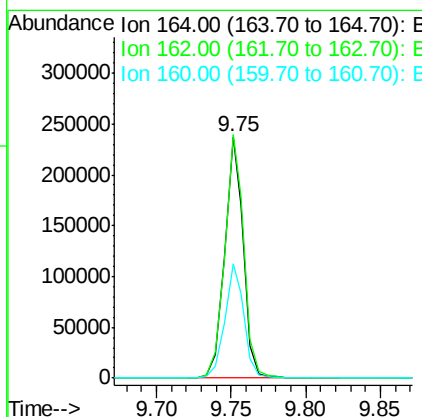
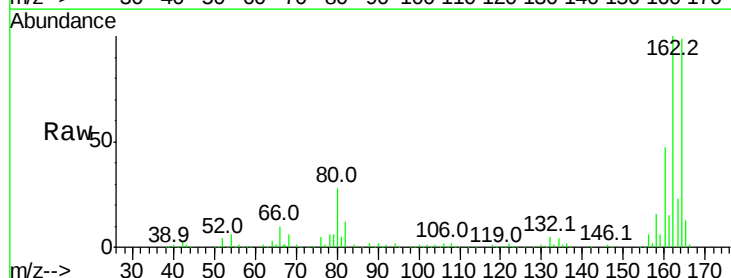
Instrument :
 BNA_F
 ClientSampleId :
 3835-CC4

Tot Ion	82	Resp	604713
Ion Ratio	Lower	Upper	
82	100		
128	40.7	34.0	51.0
54	38.9	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

Tgt Ion	164	Resp	209491
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	47.6	36.2	54.2

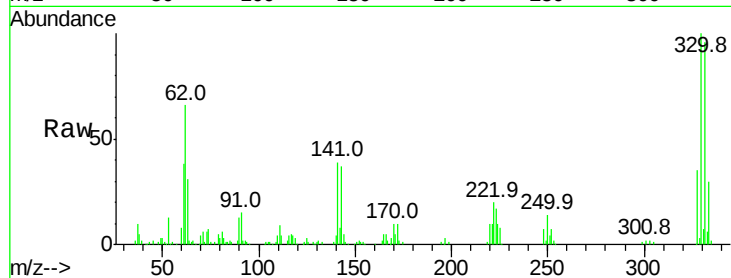




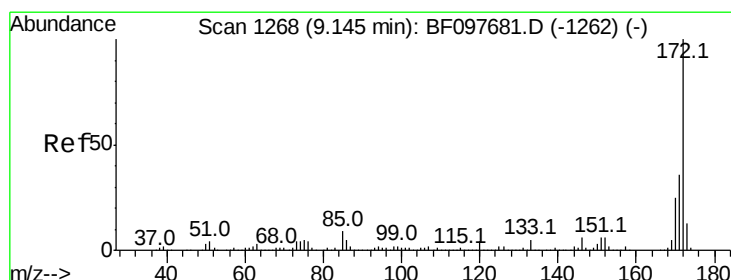
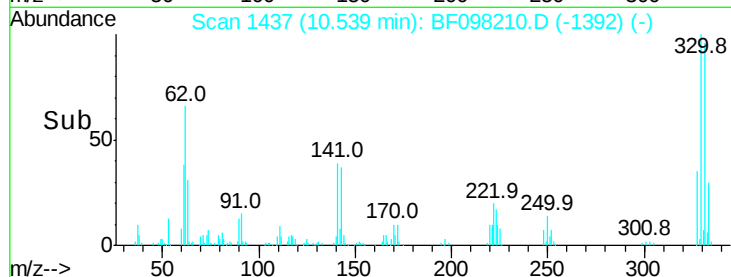
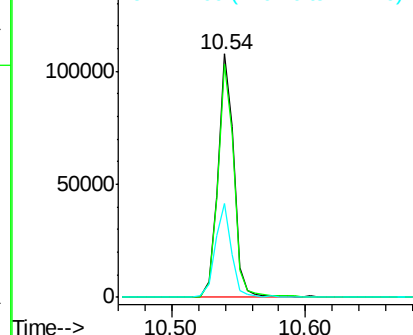
#41
 2,4,6-Tribromophenol
 Concen: 50.005 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 3835-CC4

Tot Ion:330 Resp: 90892
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.6 31.4 47.2

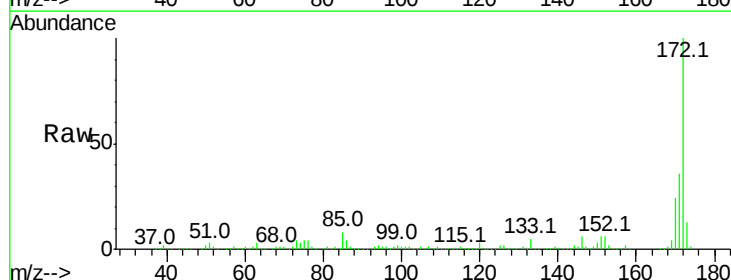


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

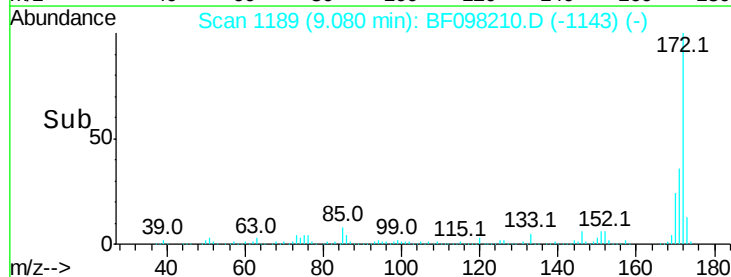
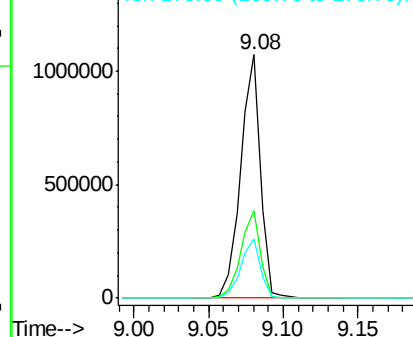


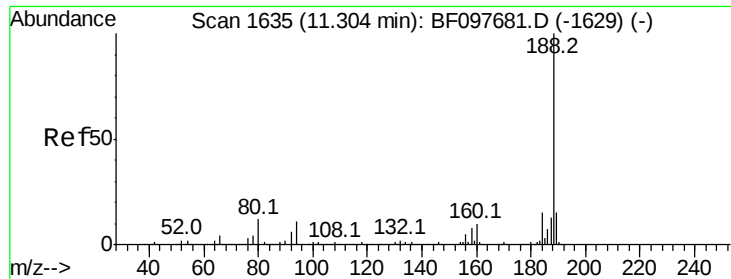
#44
 2-Fluorobiphenyl
 Concen: 69.971 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098210.D
 Acq: 31 Aug 2017 22:31

Tgt Ion:172 Resp: 997700
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 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

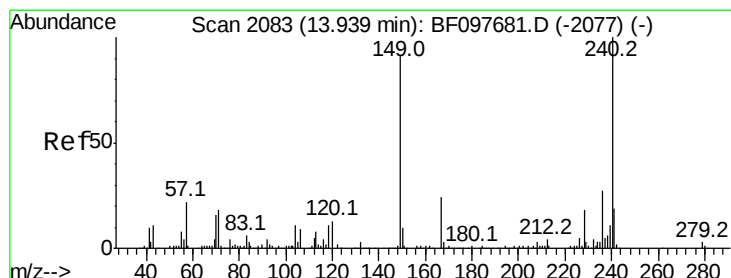
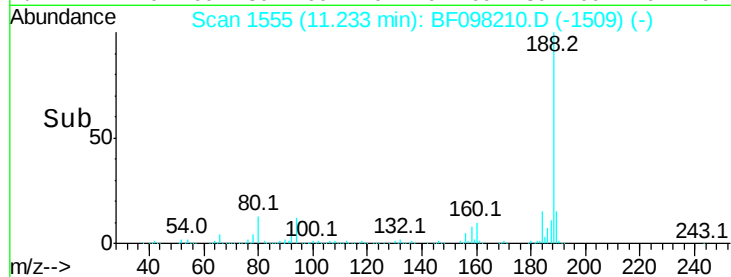
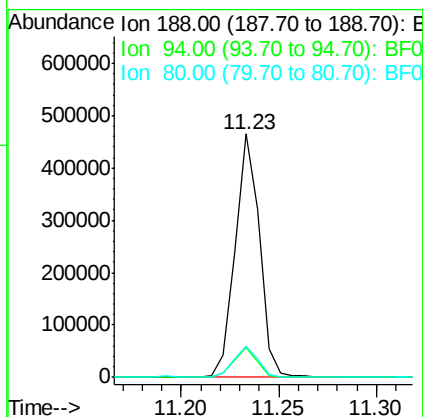
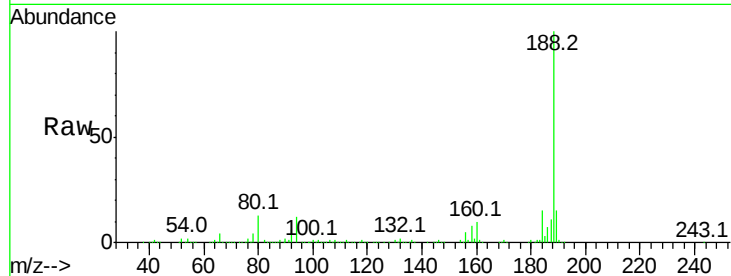




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.03 min
Lab File: BF098210.D
Acq: 31 Aug 2017 22:31

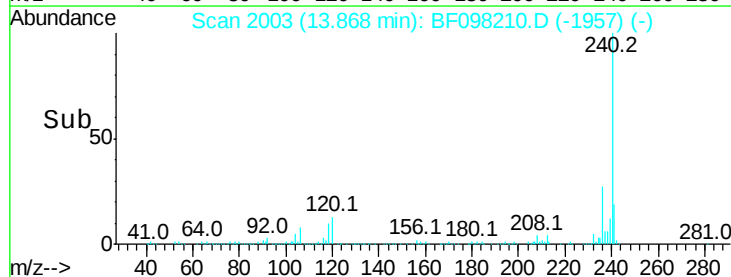
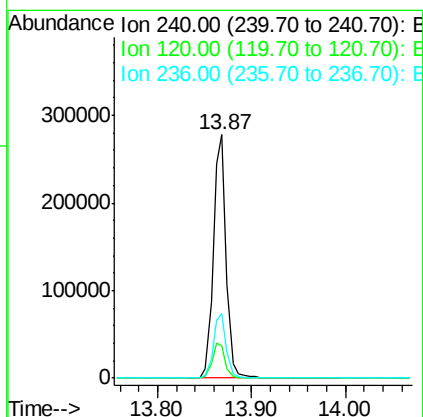
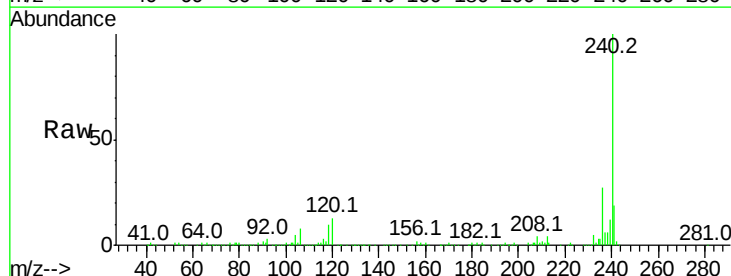
Instrument :
BNA_F
ClientSampleId :
3835-CC4

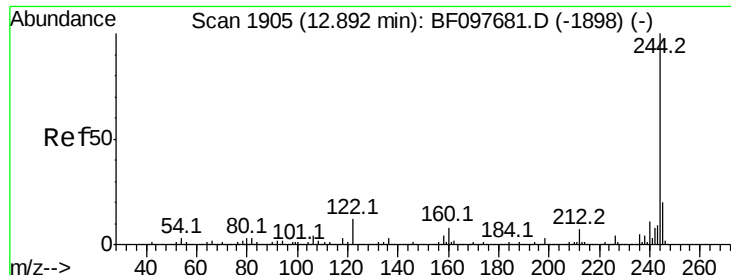
Tot Ion:188 Resp: 402748
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF098210.D
Acq: 31 Aug 2017 22:31

Tgt Ion:240 Resp: 269279
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 26.5 20.5 30.7





#78

Terphenyl-d14

Concen: 70.835 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098210.D

Acq: 31 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

3835-CC4

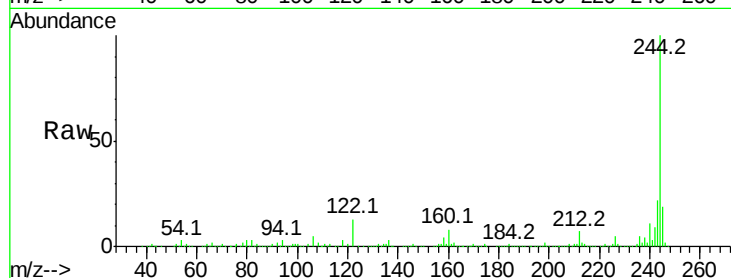
Tot Ion:244 Resp: 914690

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

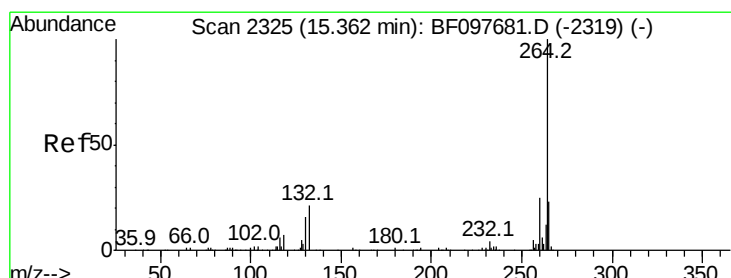
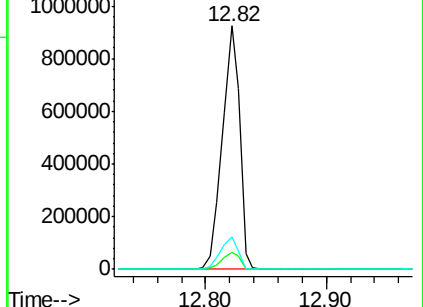
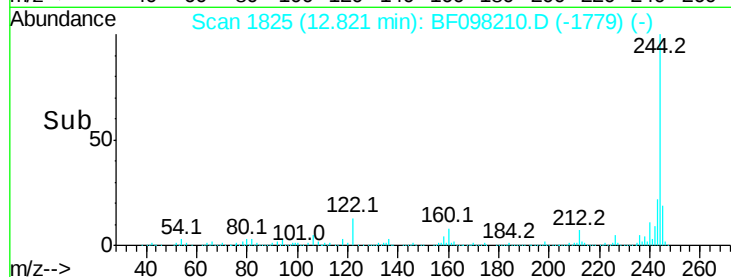
122 13.4 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098210.D

Acq: 31 Aug 2017 22:31

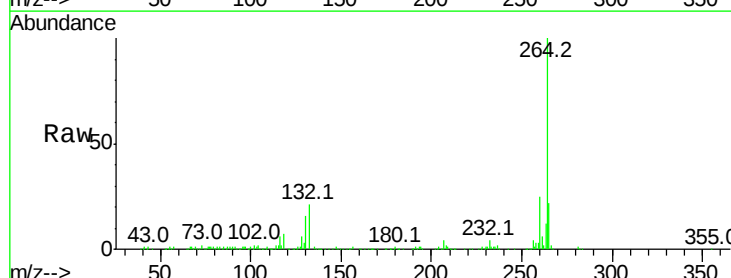
Tgt Ion:264 Resp: 221634

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.6 17.2 25.8



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

