

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098126.D
 Acq On : 29 Aug 2017 22:25
 Operator : SJ/JU
 Sample : I4986-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

Quant Time: Aug 30 06:36:15 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	6.73	152	122250	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	469599	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	185101	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	293617	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	266506	20.00	ng	-0.01
86) Perylene-d12	15.30	264	198751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	90421	11.25	ng	-0.02
7) Phenol-d6	6.36	99	125794	11.52	ng	-0.03
23) Nitrobenzene-d5	7.29	82	75486	8.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	14942	9.30	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	125229	9.94	ng	-0.02
78) Terphenyl-d14	12.83	244	80144	6.27	ng	-0.02

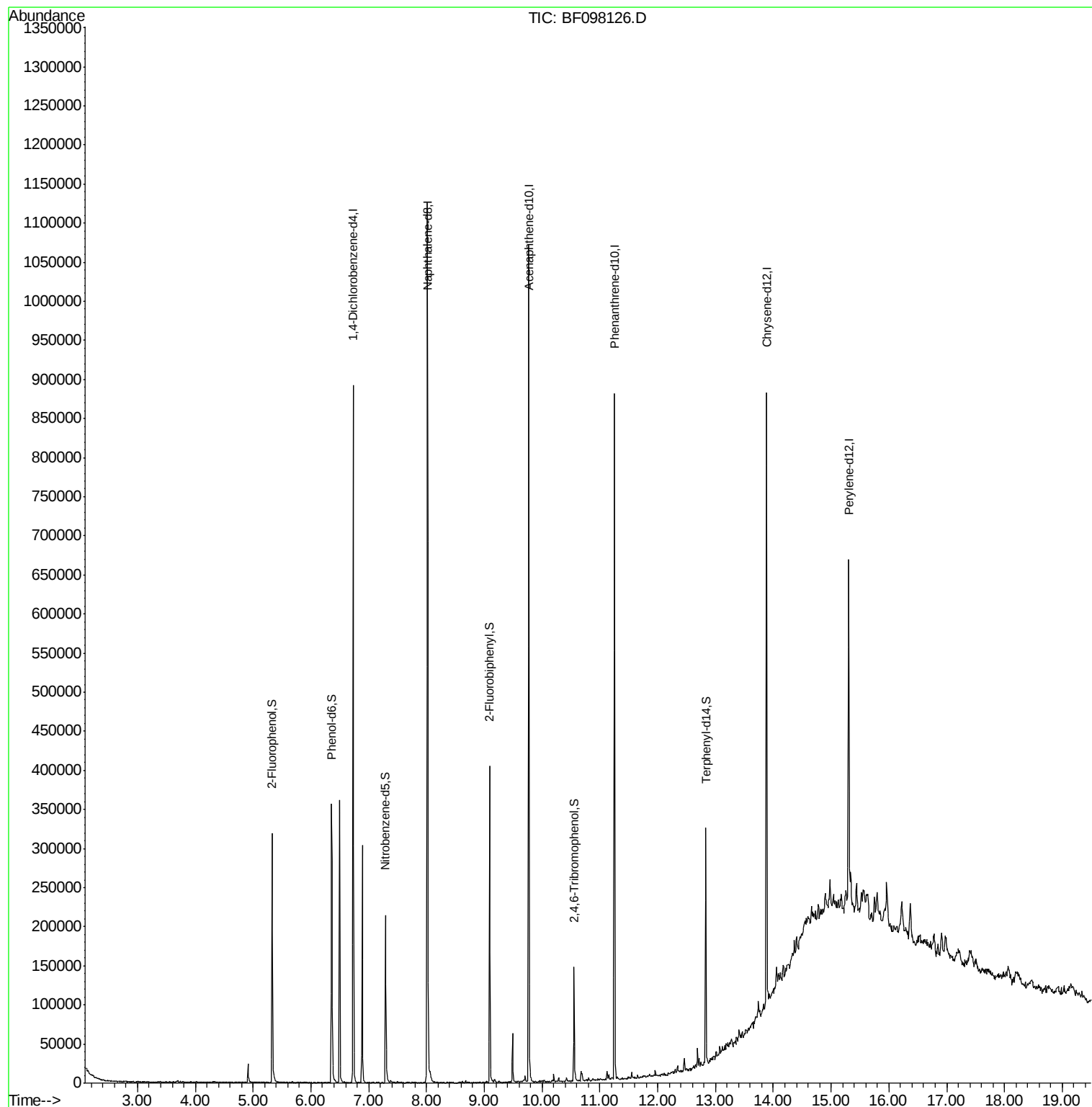
Target Compounds Qvalue

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

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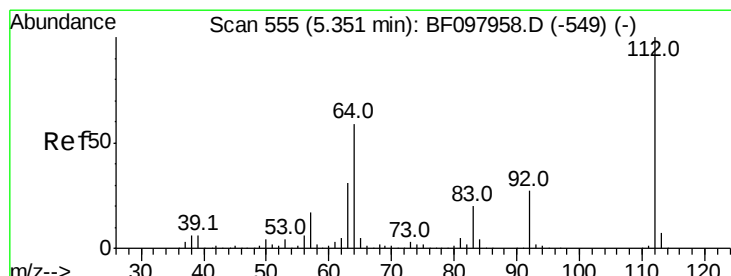
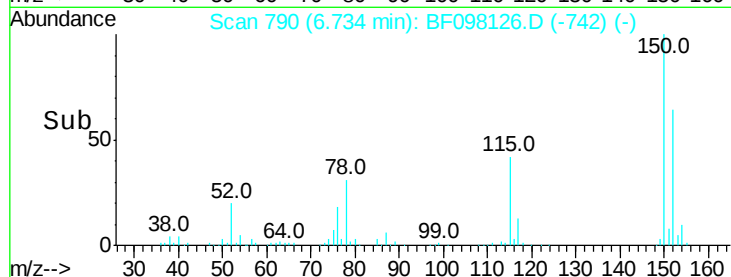
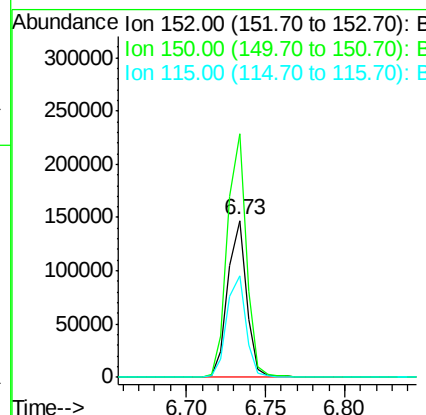
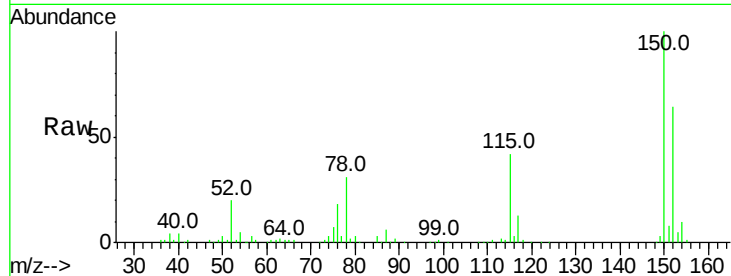


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

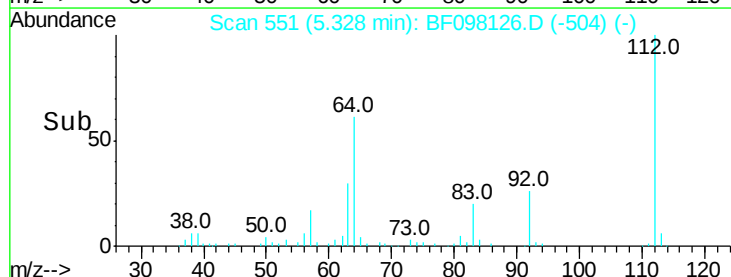
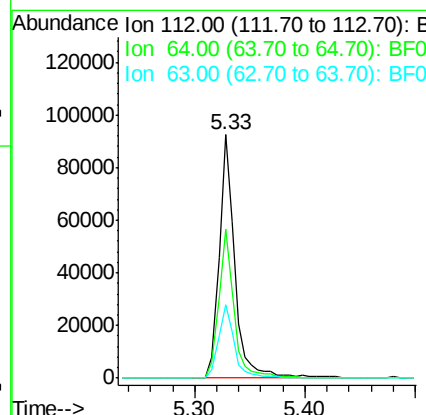
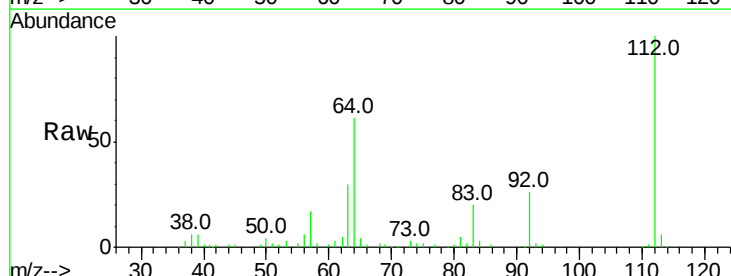
Tot Ion:152 Resp: 122250
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 64.6 52.2 78.2

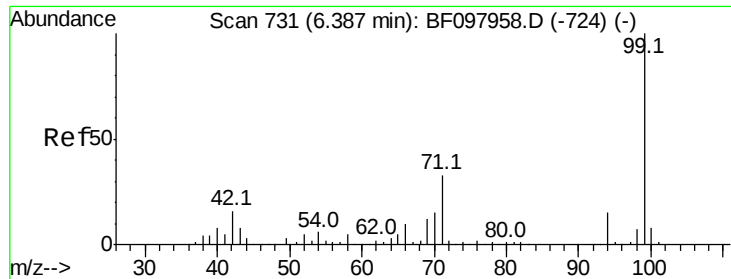


#5

2-Fluorophenol
 Concen: 11.250 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion:112 Resp: 90421
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.0 69.0
 63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 11.519 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Instrument :

BNA_F

ClientSampleId :

SU-01-82517

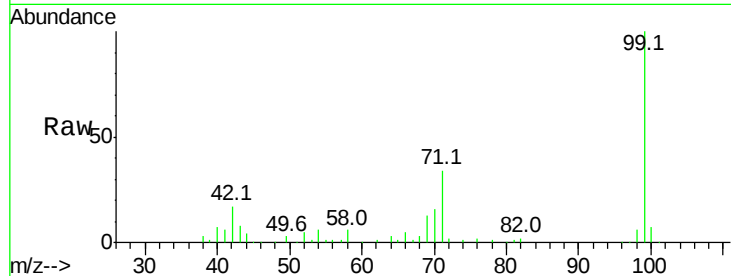
Tot Ion: 99 Resp: 125794

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

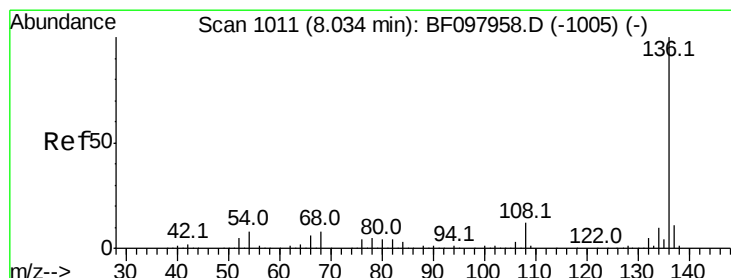
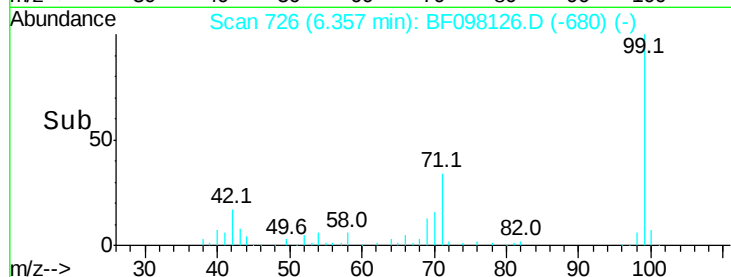
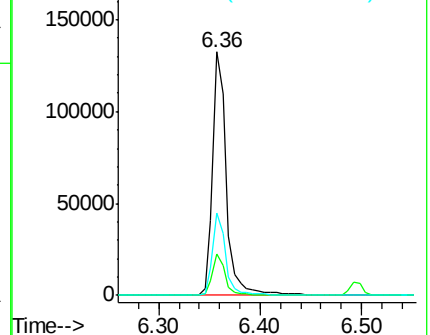
71 33.6 24.5 36.7



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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Tgt Ion: 136 Resp: 469599

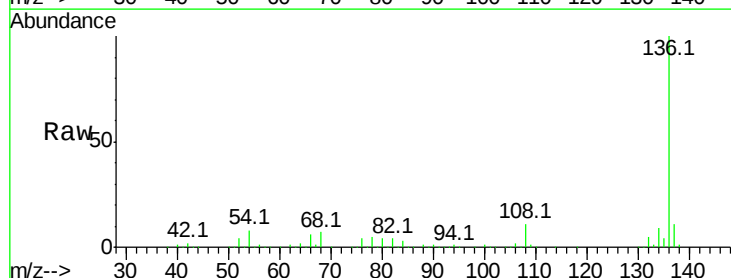
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.7 4.9 7.3#

68 7.2 4.1 6.1#

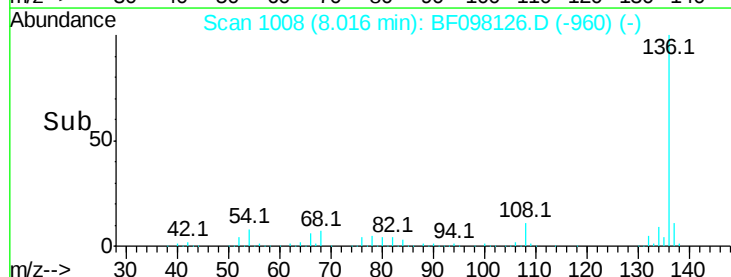
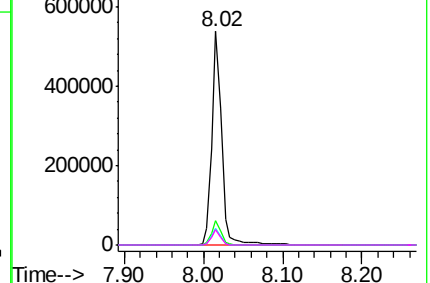


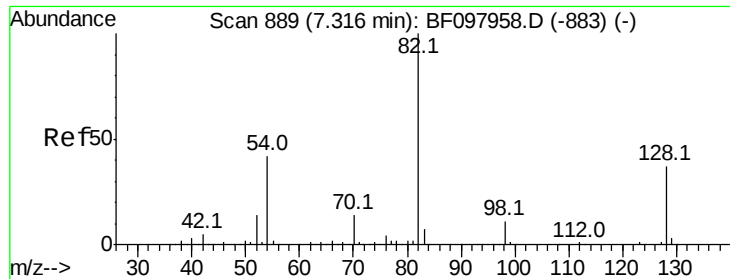
Abundance Ion 136.00 (135.70 to 136.70): E

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

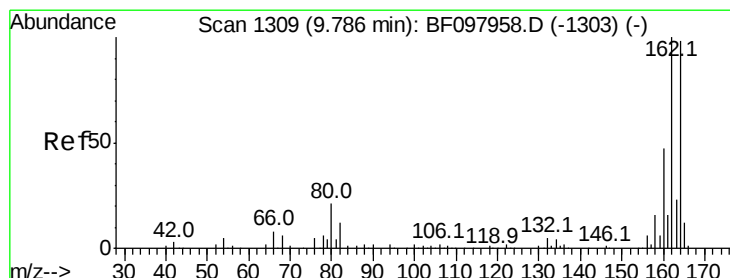
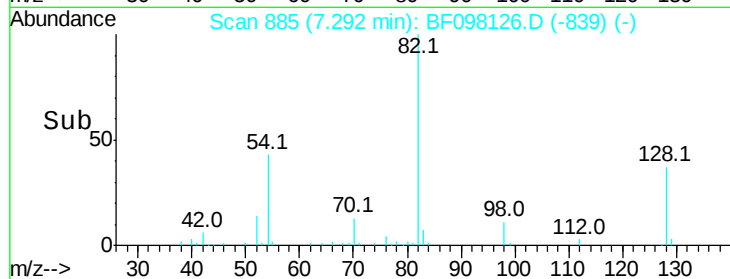
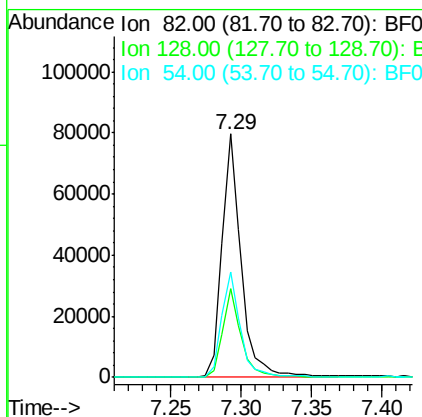
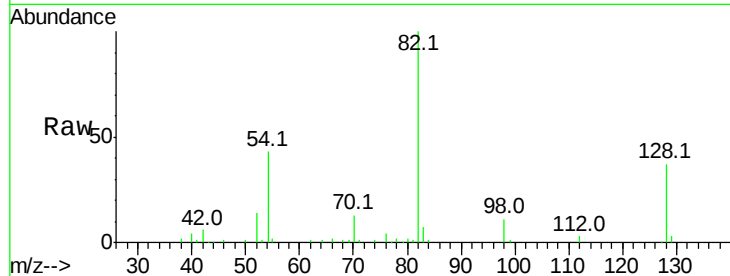




#23
 Nitrobenzene-d5
 Concen: 8.732 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

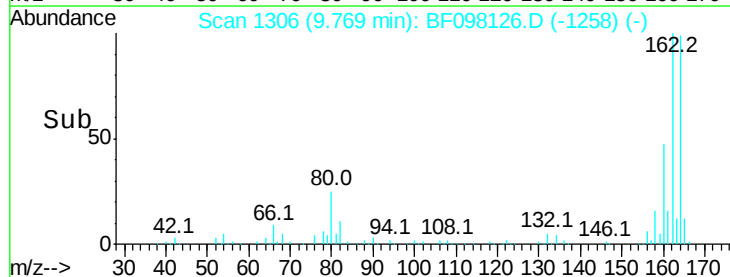
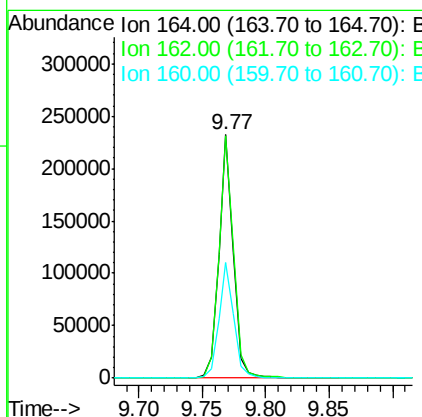
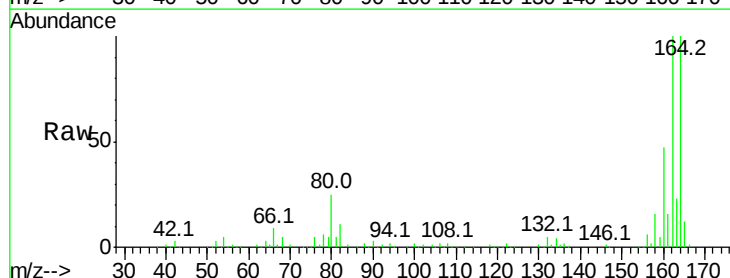
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

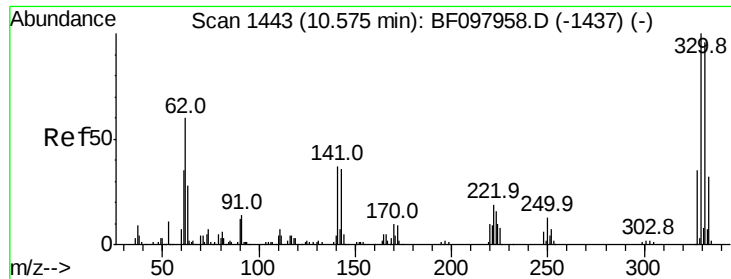
Tot Ion	82	Resp	75486
Ion Ratio	Lower	Upper	
82	100		
128	36.6	34.0	51.0
54	43.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion	164	Resp	185101
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.6	123.8
160	47.3	36.2	54.2

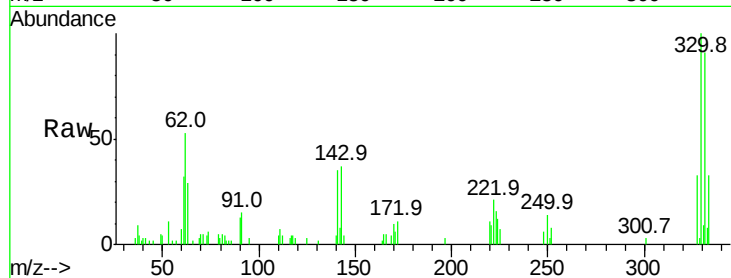




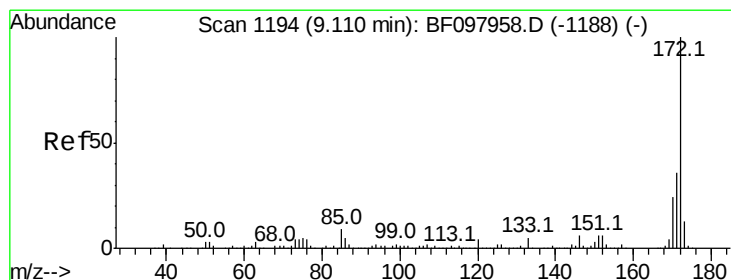
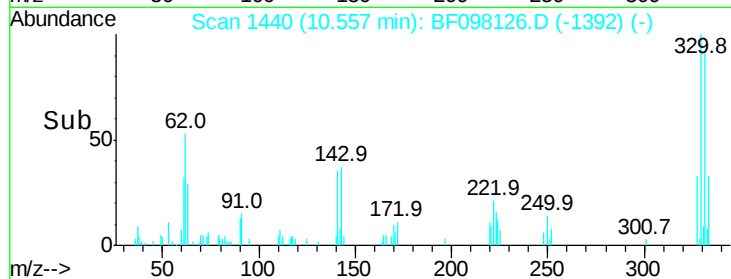
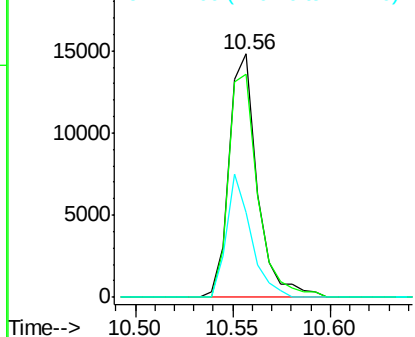
#41
 2,4,6-Tribromophenol
 Concen: 9.304 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-82517

Tot Ion:330 Resp: 14942
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 43.6 31.4 47.2

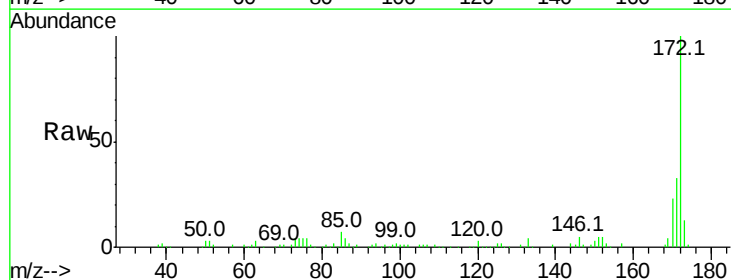


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

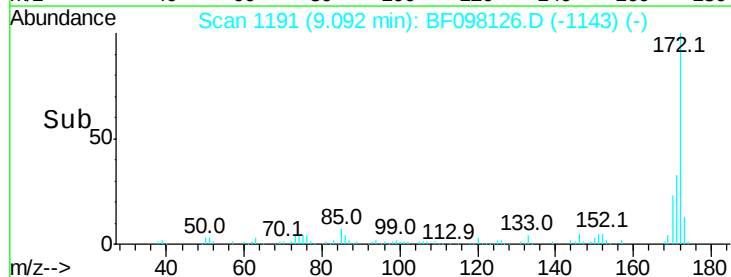
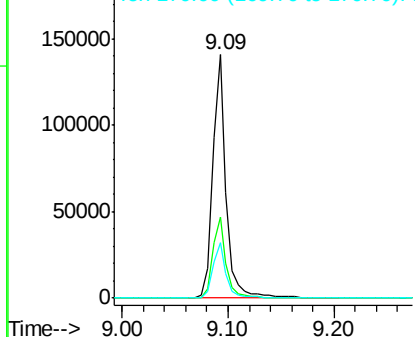


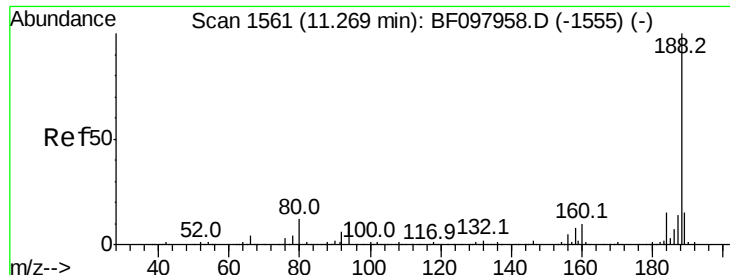
#44
 2-Fluorobiphenyl
 Concen: 9.940 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion:172 Resp: 125229
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.6 44.4
 170 23.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

Instrument :

BNA_F

ClientSampleId :

SU-01-82517

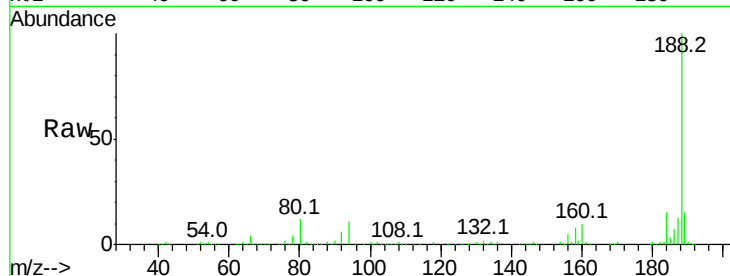
Tot Ion:188 Resp: 293617

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

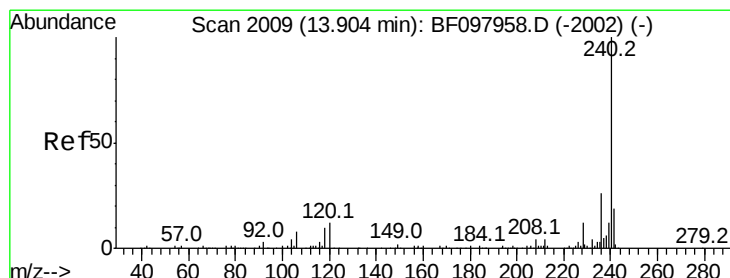
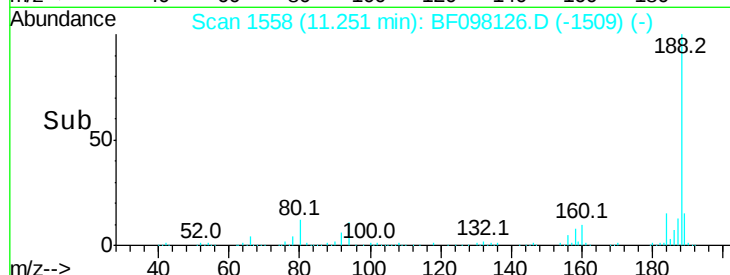
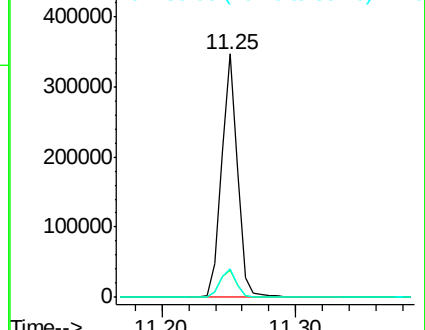
80 11.9 10.2 15.2



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# 2006

Delta R.T. -0.01 min

Lab File: BF098126.D

Acq: 29 Aug 2017 22:25

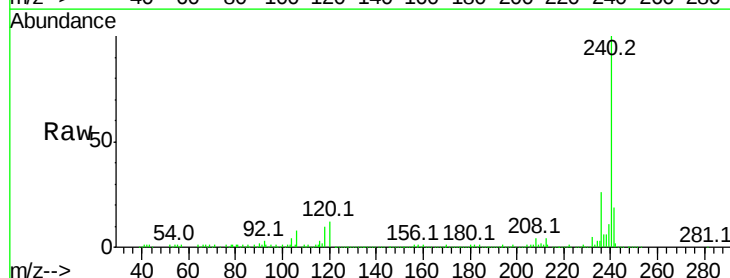
Tgt Ion:240 Resp: 266506

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

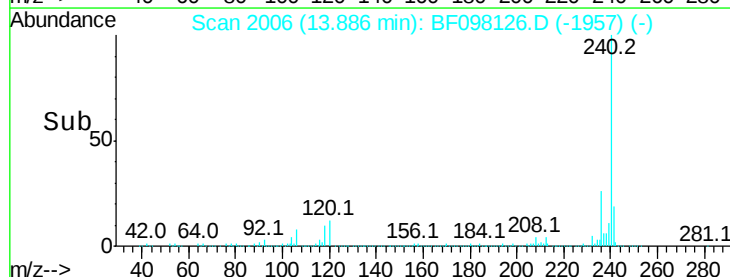
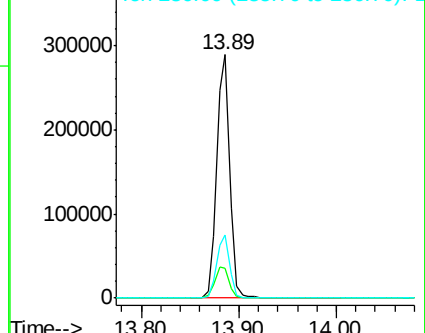
236 25.9 20.5 30.7

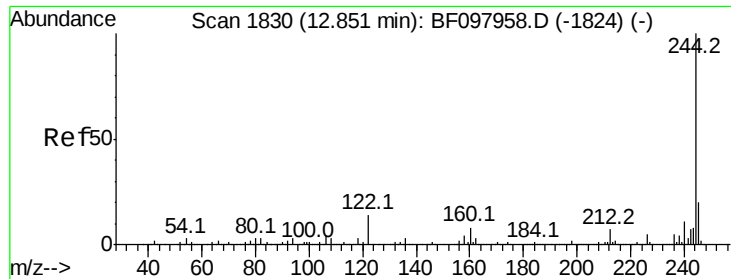


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

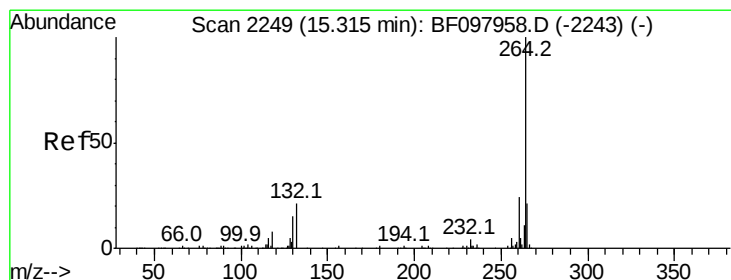
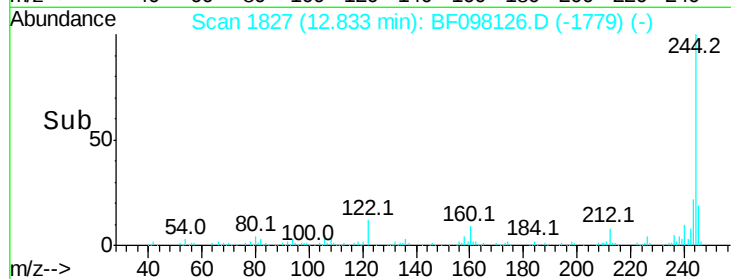
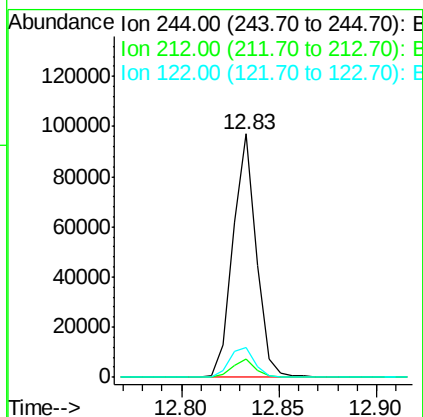
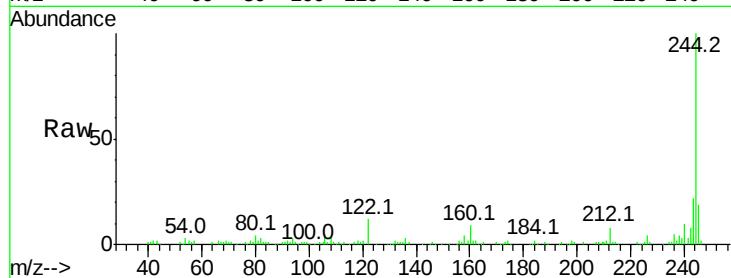




#78
 Terphenyl-d14
 Concen: 6.271 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Instrument :
 BNA_F
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 SU-01-82517

Tot Ion:244 Resp: 80144
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098126.D
 Acq: 29 Aug 2017 22:25

Tgt Ion:264 Resp: 198751
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 21.1 17.2 25.8

