

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098294.D
 Acq On : 7 Sep 2017 1:19
 Operator : SJ/JU
 Sample : I5075-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11948

Quant Time: Sep 07 07:10:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	113059	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	422749	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	163954	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	267586	20.00	ng	0.00
75) Chrysene-d12	13.84	240	242072	20.00	ng	-0.02
86) Perylene-d12	15.26	264	166450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	90727	12.21	ng	-0.01
7) Phenol-d6	6.33	99	122961	12.18	ng	-0.02
23) Nitrobenzene-d5	7.26	82	66713	8.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	13327	9.37	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	103363	9.26	ng	-0.01
78) Terphenyl-d14	12.79	244	72194	6.22	ng	-0.02

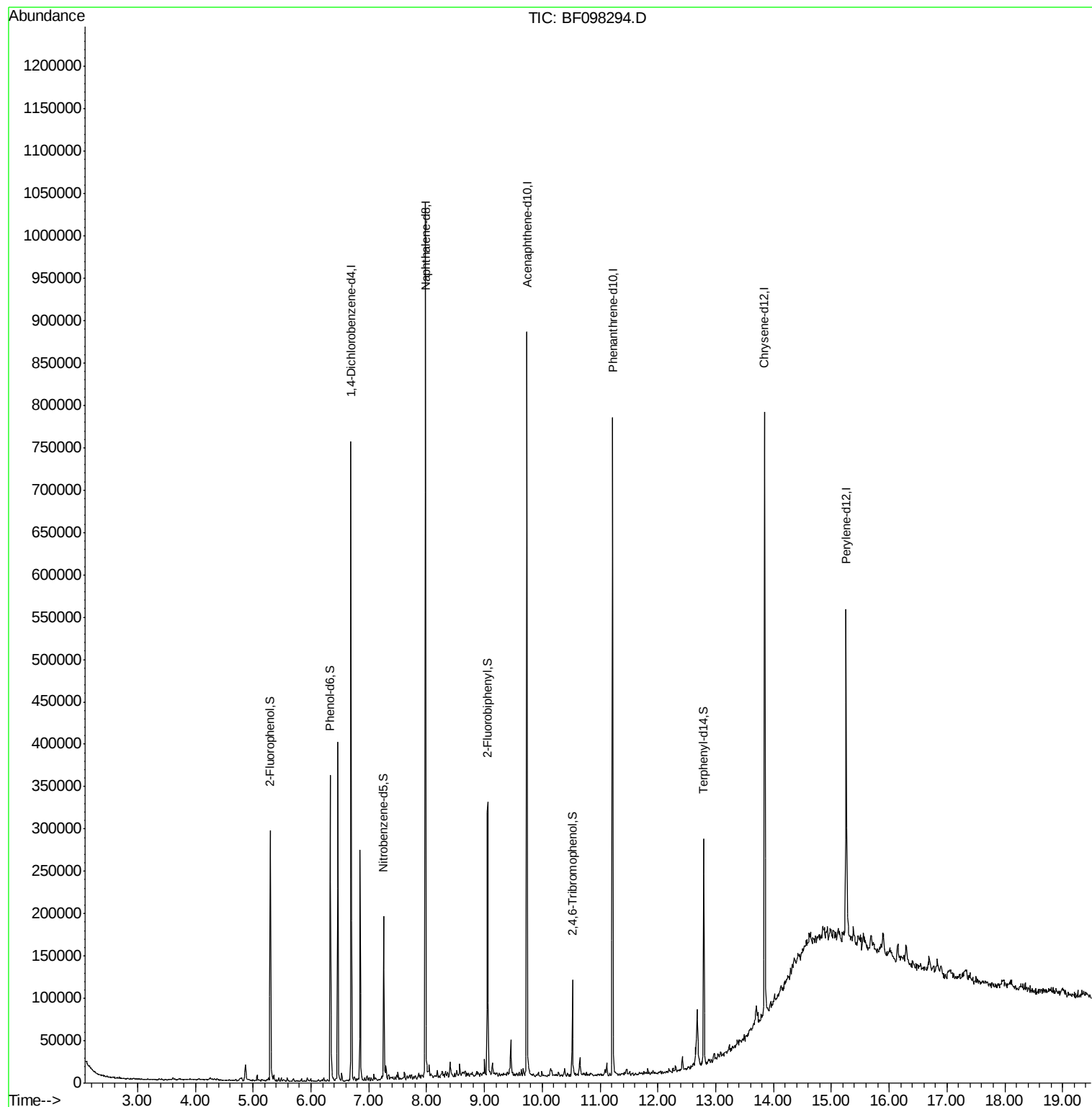
Target Compounds Qvalue

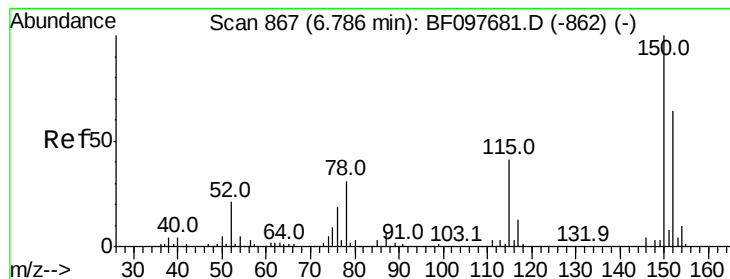
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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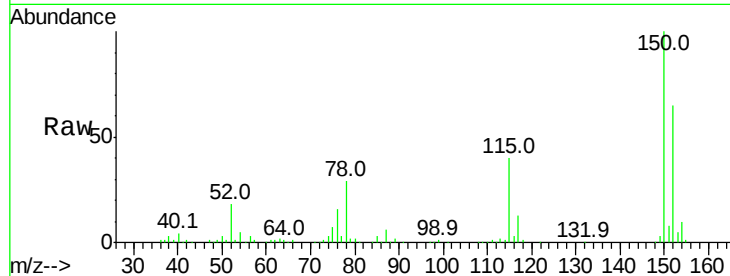


#1

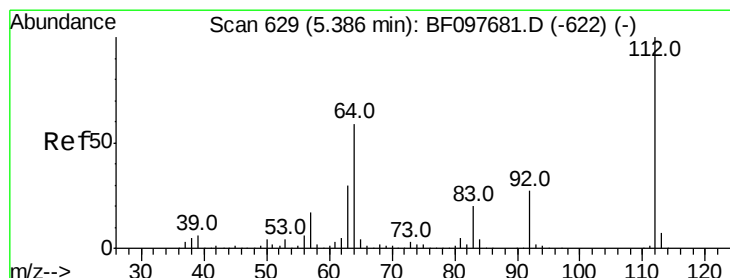
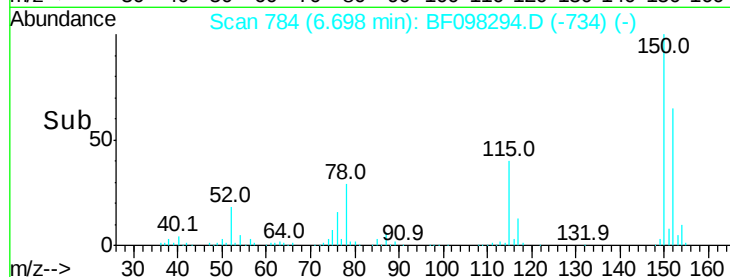
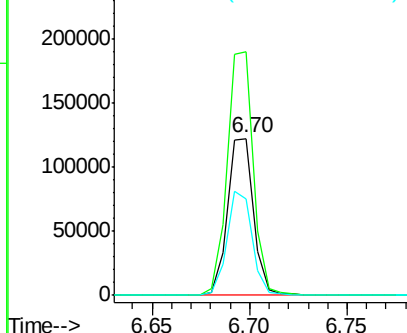
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098294.D
Acq: 7 Sep 2017 1:19

Instrument :
BNA_F
ClientSampleId :
72-11948

Tot Ion:152 Resp: 113059
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.4 52.2 78.2



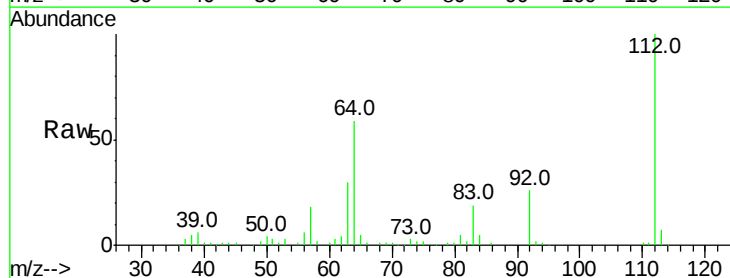
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



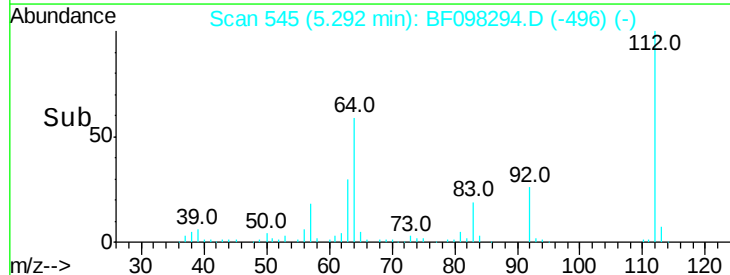
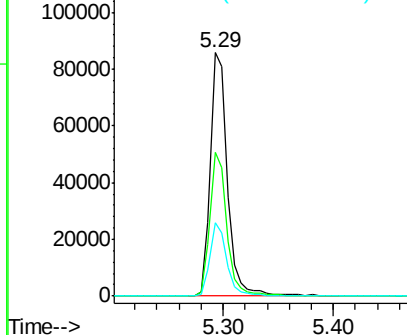
#5

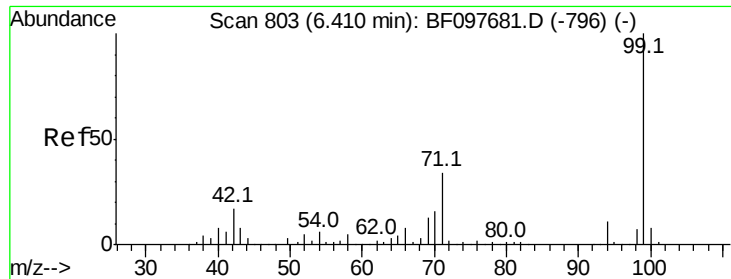
2-Fluorophenol
Concen: 12.206 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098294.D
Acq: 7 Sep 2017 1:19

Tgt Ion:112 Resp: 90727
Ion Ratio Lower Upper
112 100
64 59.1 46.0 69.0
63 29.9 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: 12.175 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

Instrument :

BNA_F

ClientSampleId :

72-11948

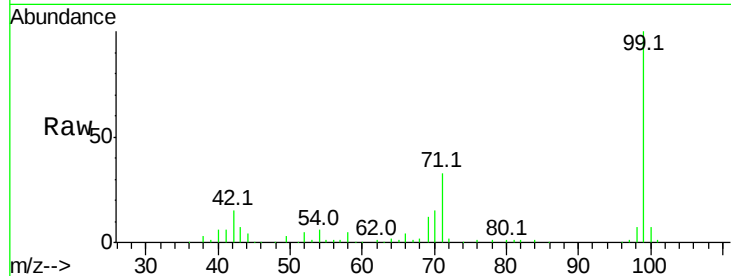
Tot Ion: 99 Resp: 122961

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

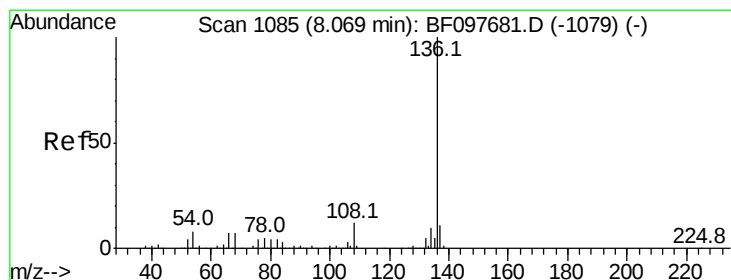
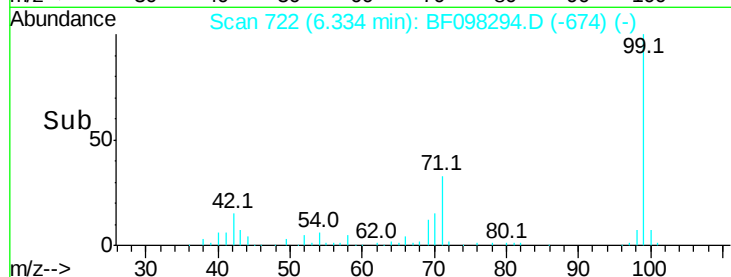
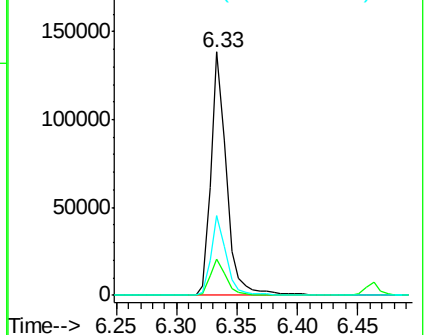
71 32.5 24.5 36.7



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

Tgt Ion: 136 Resp: 422749

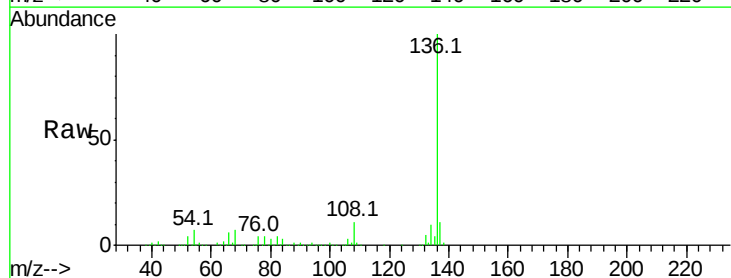
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 7.5 4.1 6.1#

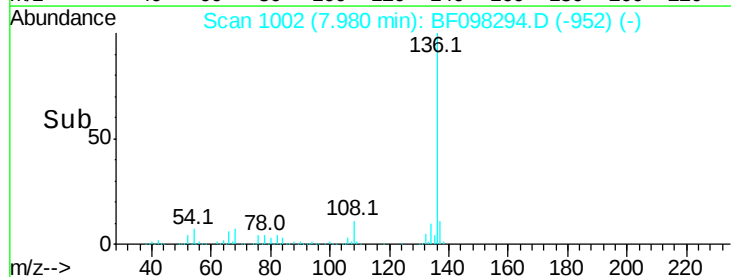
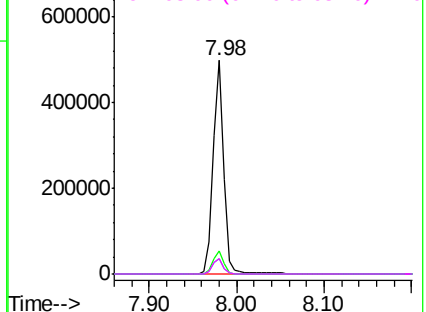


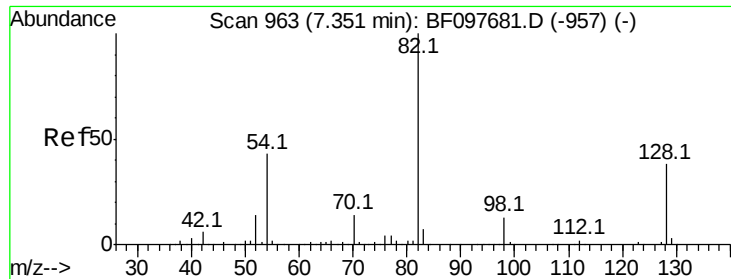
Abundance Ion 136.00 (135.70 to 136.70): E

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

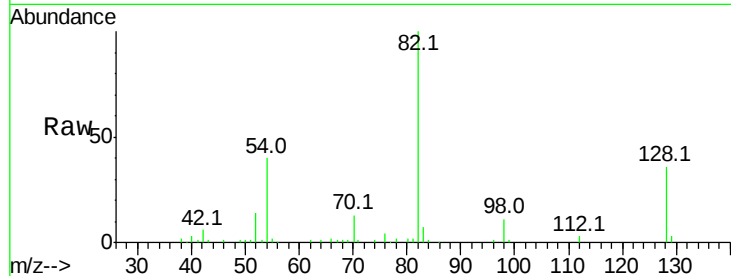




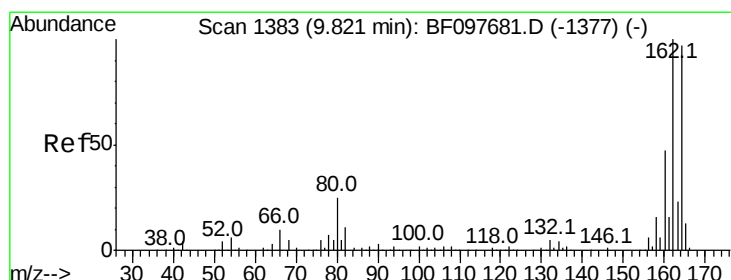
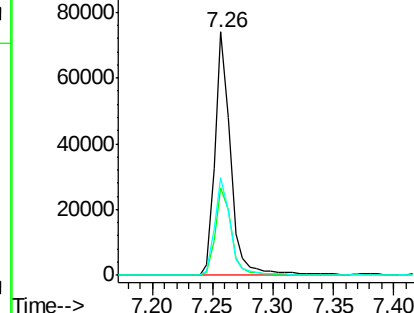
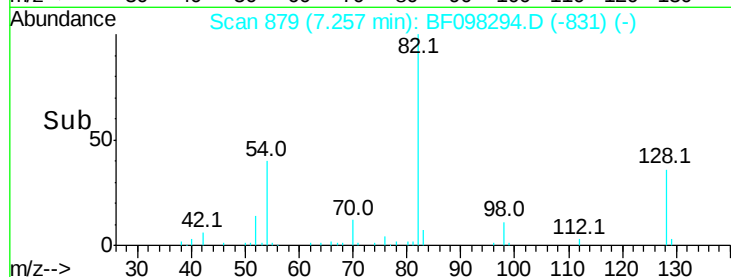
#23
 Nitrobenzene-d5
 Concen: 8.573 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098294.D
 Acq: 7 Sep 2017 1:19

Instrument :
 BNA_F
 ClientSampled :
 72-11948

Tot Ion: 82 Resp: 66713
 Ion Ratio Lower Upper
 82 100
 128 36.0 34.0 51.0
 54 39.9 42.2 63.2#

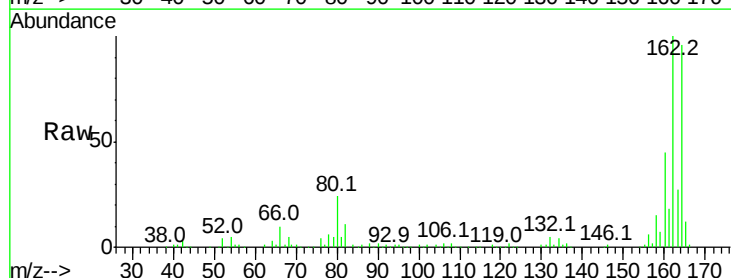


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

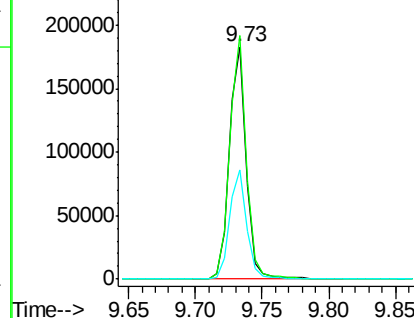
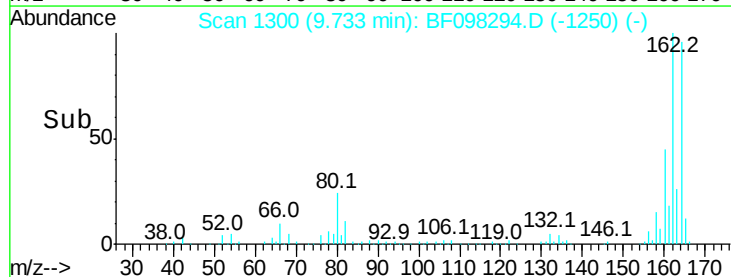


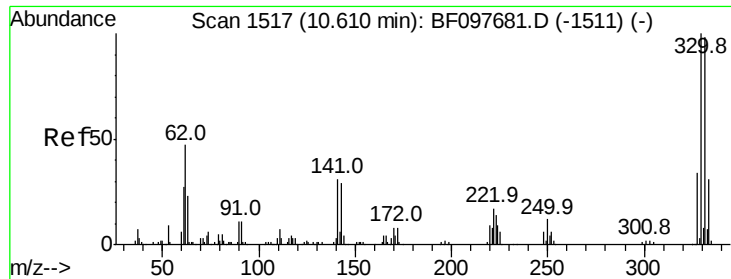
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098294.D
 Acq: 7 Sep 2017 1:19

Tgt Ion:164 Resp: 163954
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 47.1 36.2 54.2



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

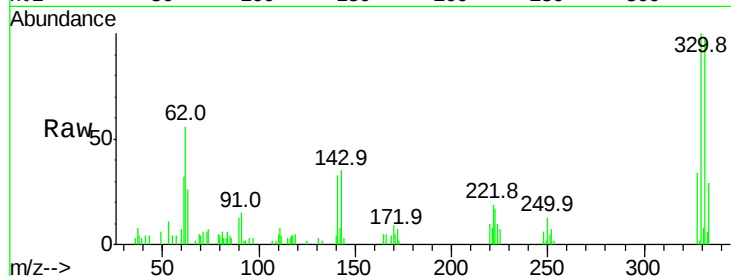




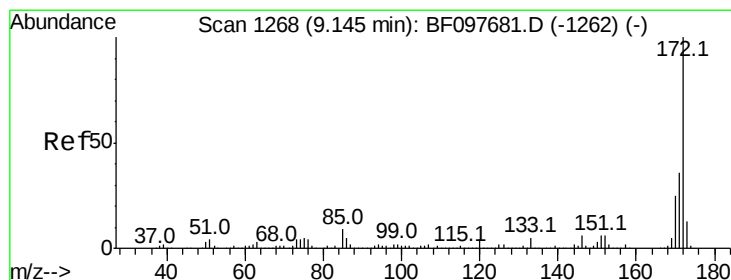
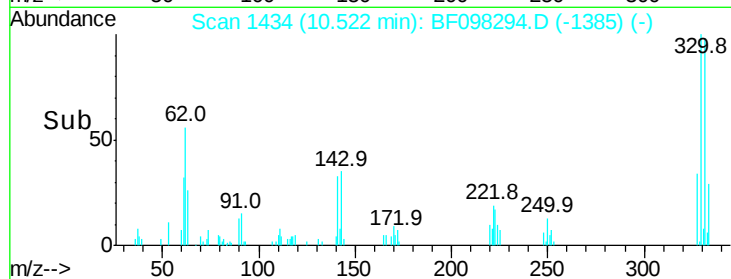
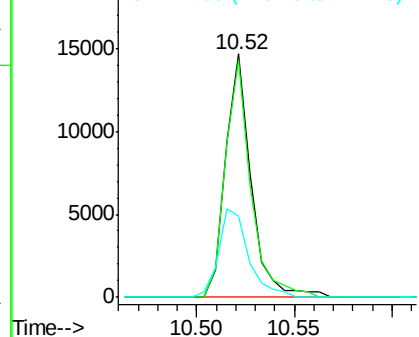
#41
 2,4,6-Tribromophenol
 Concen: 9.368 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098294.D
 Acq: 7 Sep 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 72-11948

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	42.4	31.4	47.2

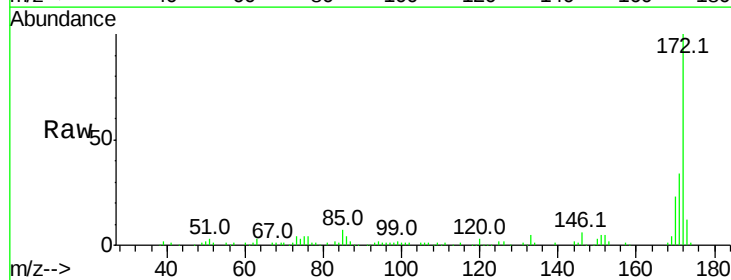


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

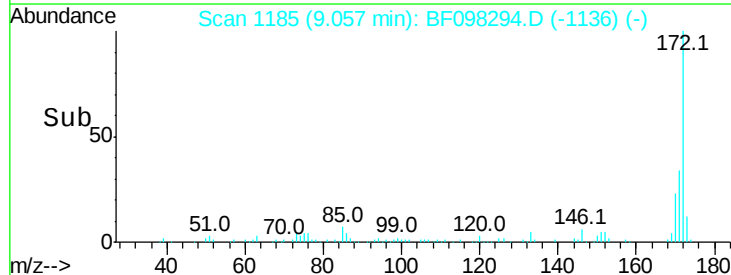
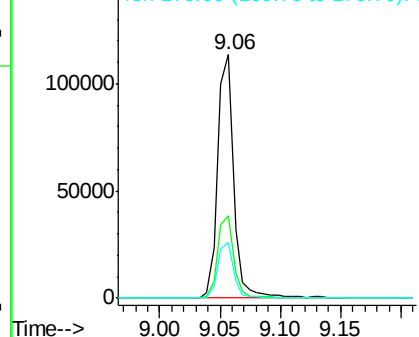


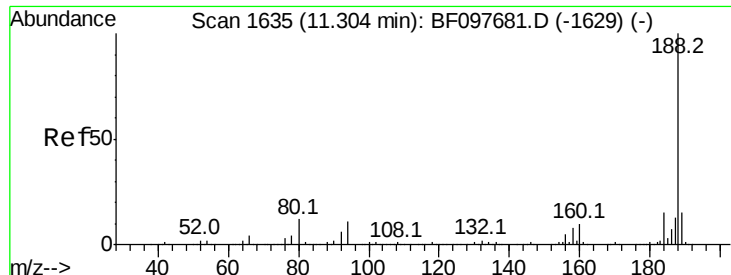
#44
 2-Fluorobiphenyl
 Concen: 9.262 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098294.D
 Acq: 7 Sep 2017 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	22.7	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: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

Instrument :

BNA_F

ClientSampleId :

72-11948

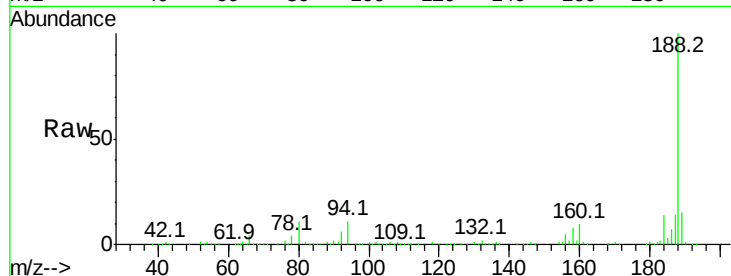
Tot Ion:188 Resp: 267586

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

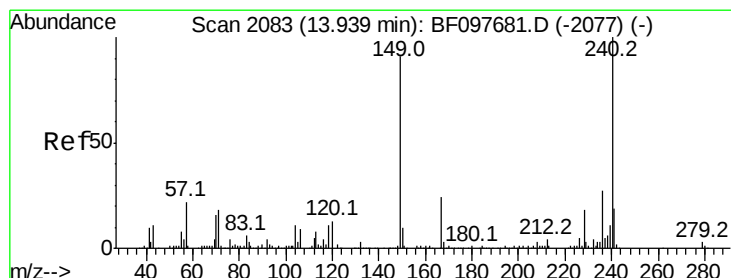
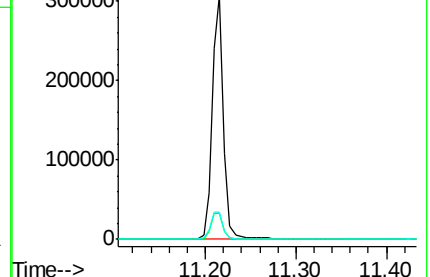
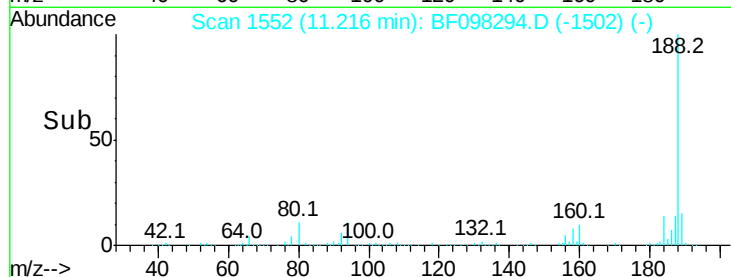
80 11.3 10.2 15.2



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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

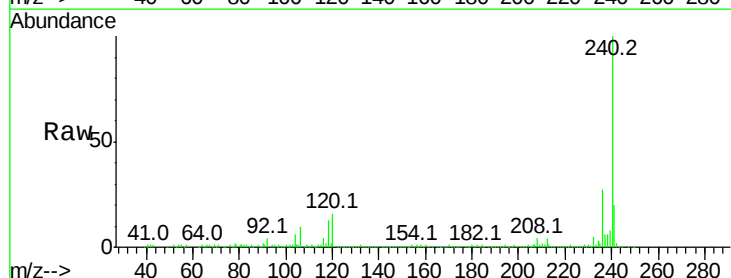
Tgt Ion:240 Resp: 242072

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

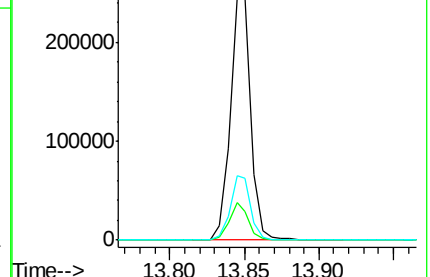
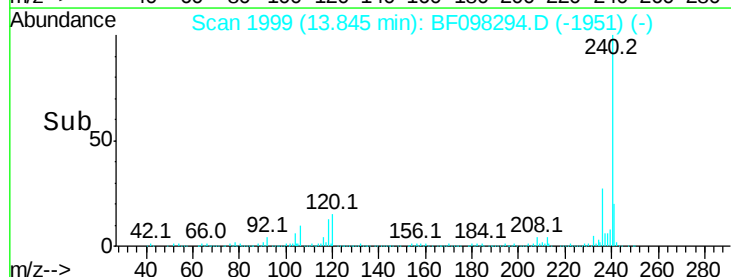
236 26.5 20.5 30.7

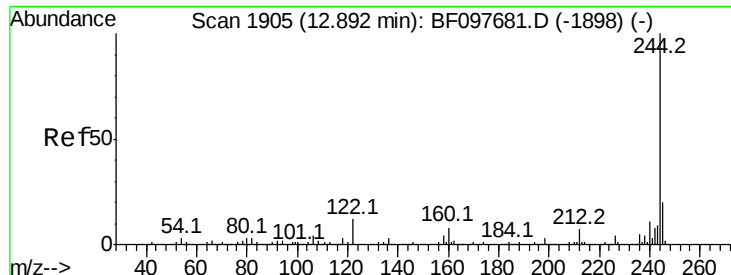


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.219 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

Instrument :

BNA_F

ClientSampleId :

72-11948

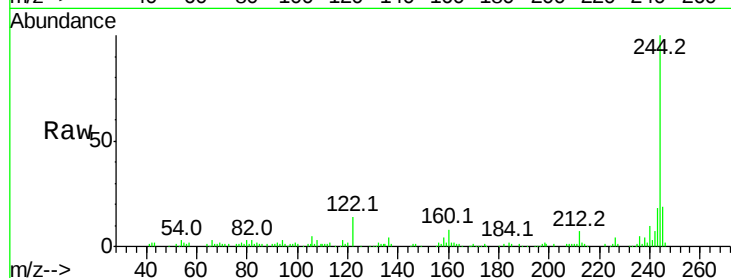
Tot Ion:244 Resp: 72194

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

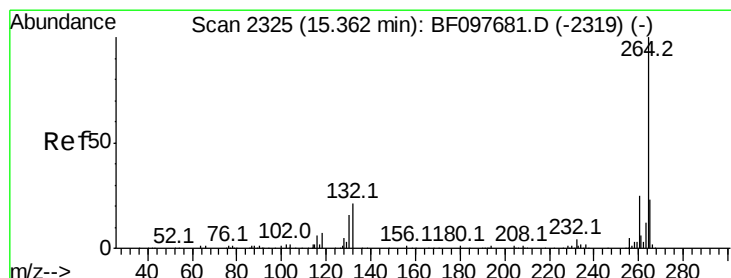
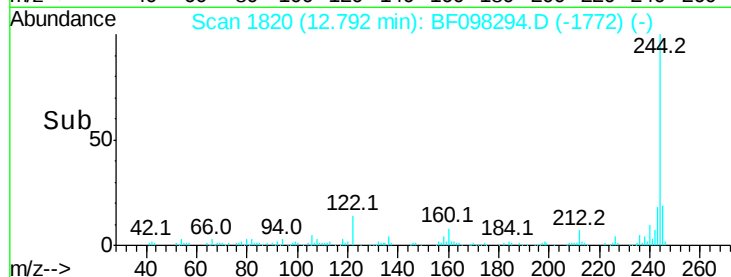
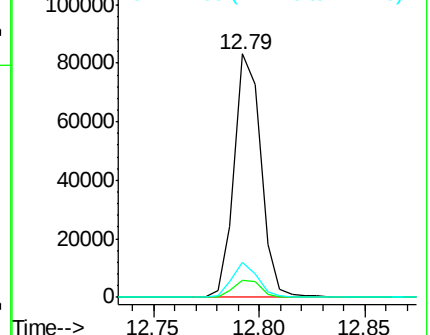
122 14.3 10.3 15.5



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: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098294.D

Acq: 7 Sep 2017 1:19

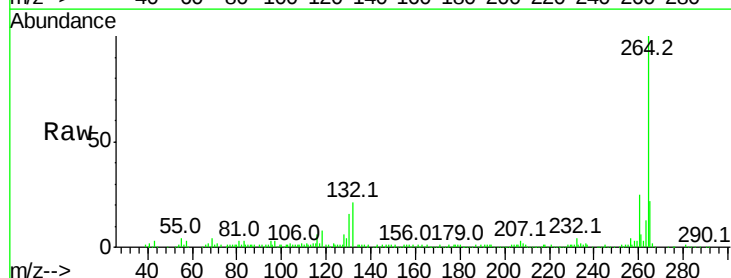
Tgt Ion:264 Resp: 166450

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.5 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

