

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098379.D
 Acq On : 9 Sep 2017 12:10
 Operator : SJ/JU
 Sample : PB102122BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

Quant Time: Sep 11 04:50:36 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	6.67	152	102908	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	416617	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	193498	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	405364	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	336259	20.00	ng	-0.04
86) Perylene-d12	15.22	264	252094	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	763911	112.91	ng	0.00
7) Phenol-d6	6.33	99	1029410	111.99	ng	-0.02
23) Nitrobenzene-d5	7.25	82	649428	84.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	236857	141.08	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1073400	81.50	ng	-0.04
78) Terphenyl-d14	12.78	244	1035969	64.25	ng	-0.03

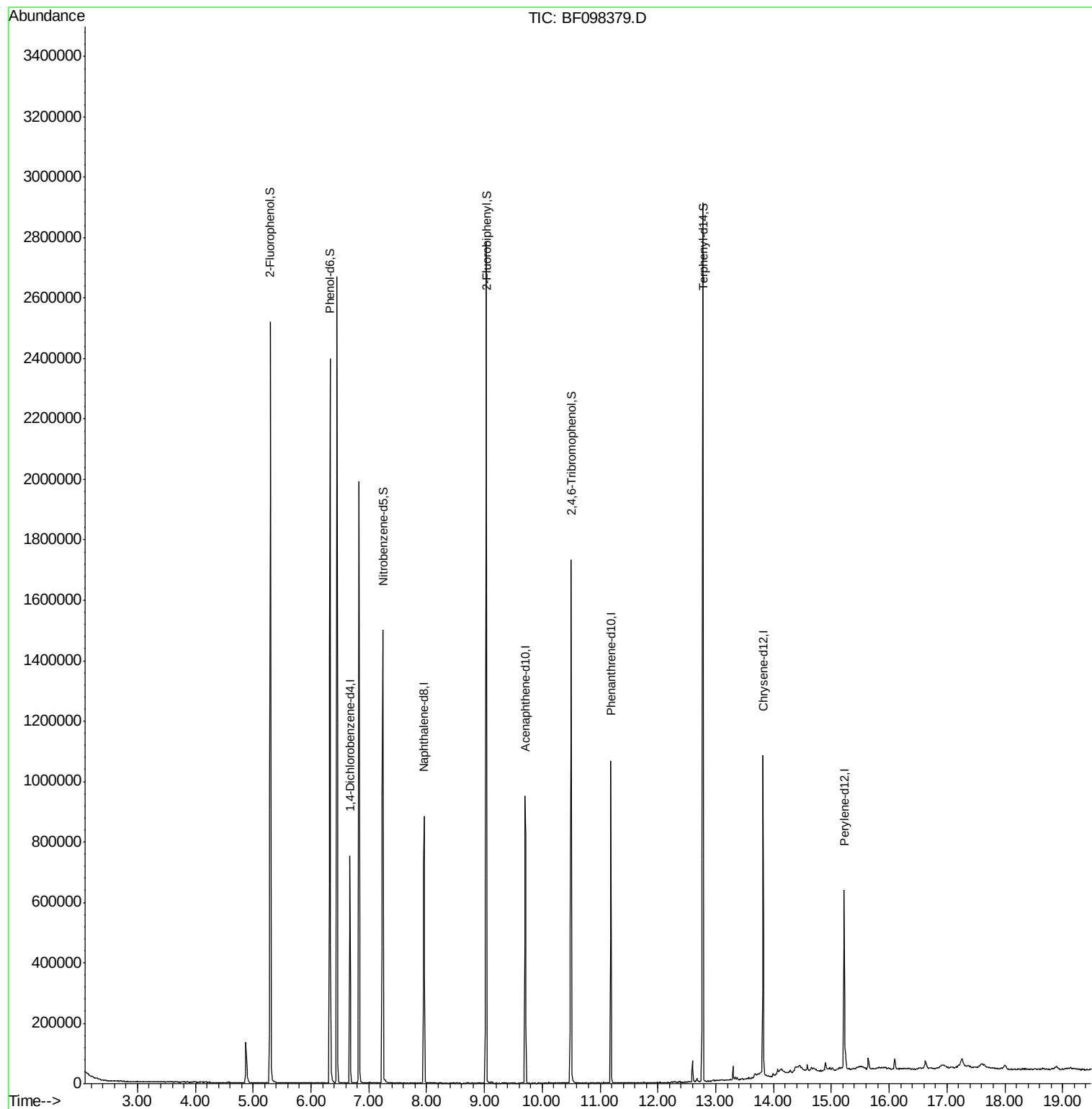
Target Compounds Qvalue

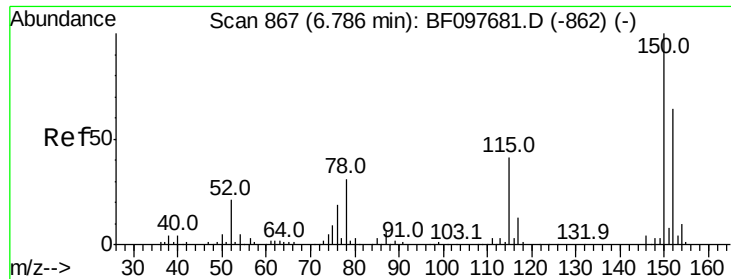
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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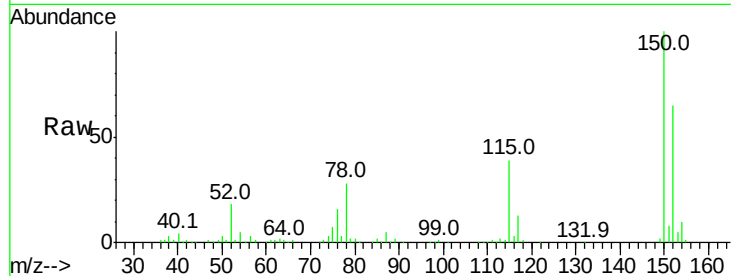


#1

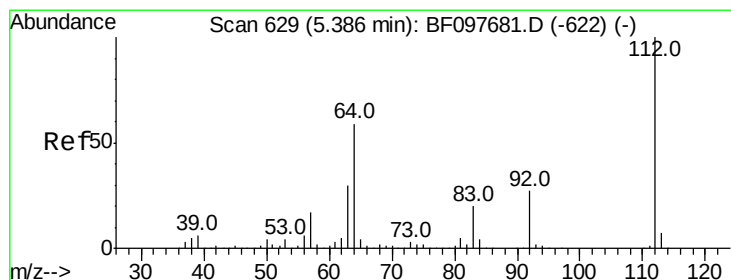
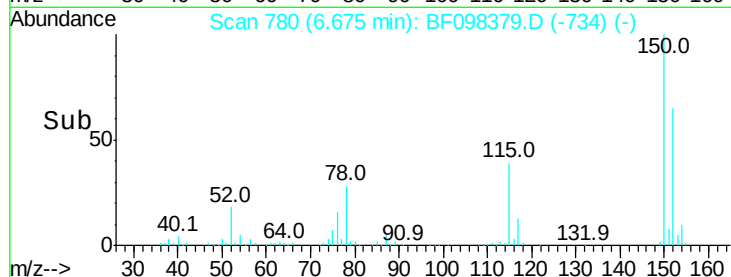
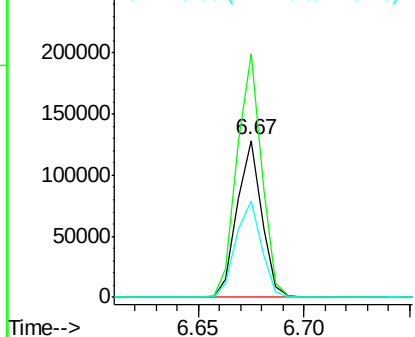
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Instrument :
BNA_F
ClientSampleId :
PB102122BL

Tot Ion:152 Resp: 102908
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.1 52.2 78.2



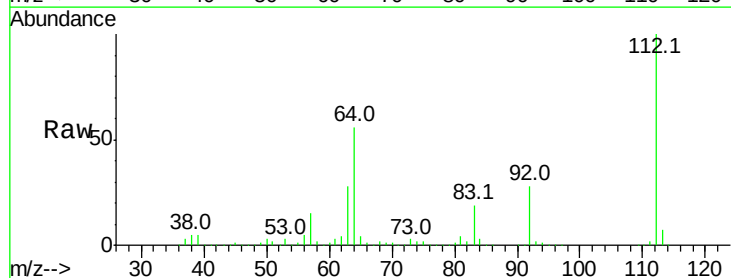
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



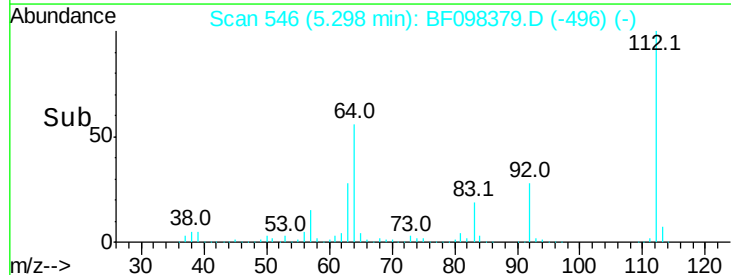
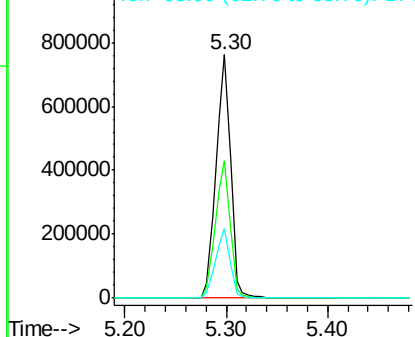
#5

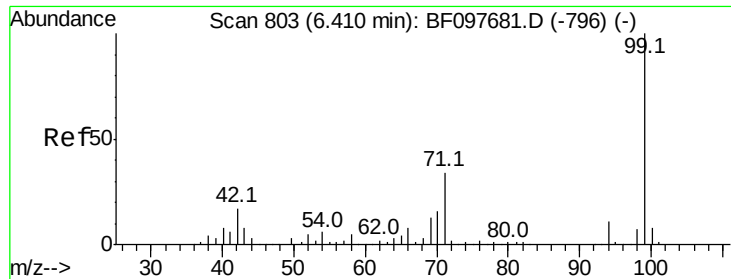
2-Fluorophenol
Concen: 112.913 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098379.D
Acq: 9 Sep 2017 12:10

Tgt Ion:112 Resp: 763911
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.5 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: 111.985 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampleId :

PB102122BL

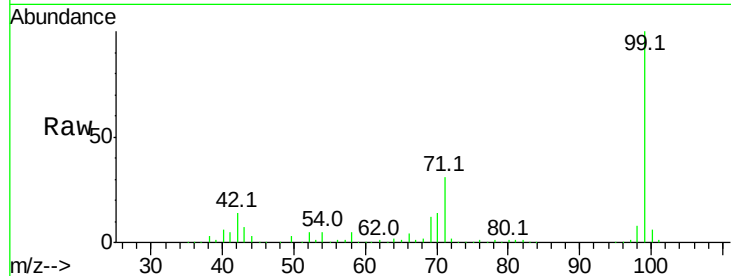
Tot Ion: 99 Resp: 1029410

Ion Ratio Lower Upper

99 100

42 13.5 13.5 20.3

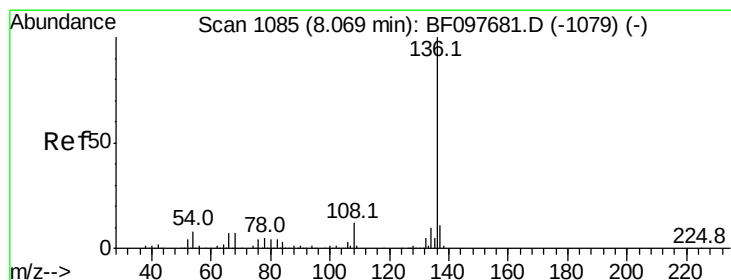
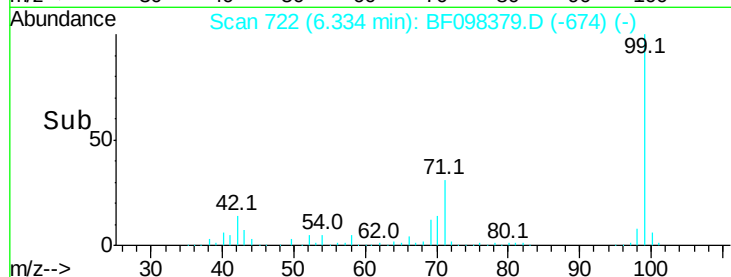
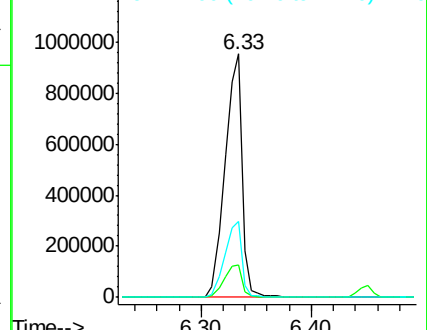
71 31.2 24.5 36.7



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: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Tgt Ion: 136 Resp: 416617

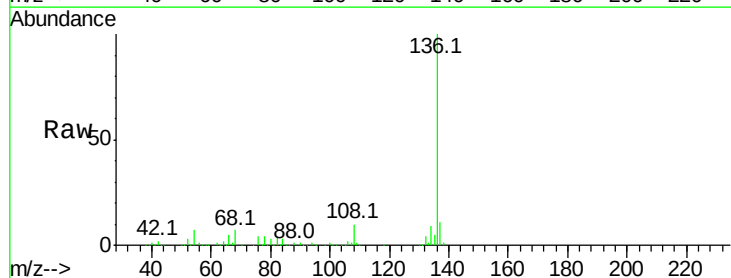
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 7.2 4.1 6.1#

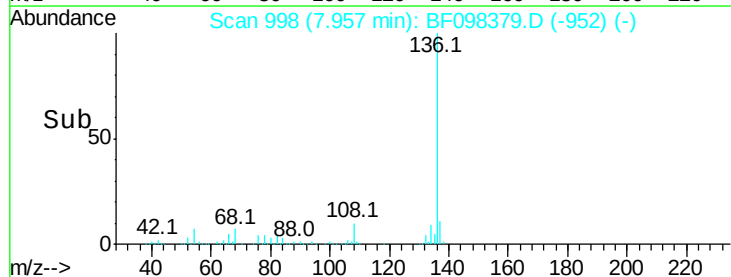
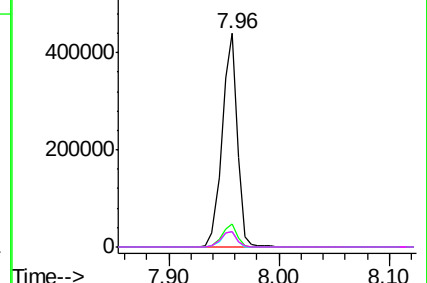


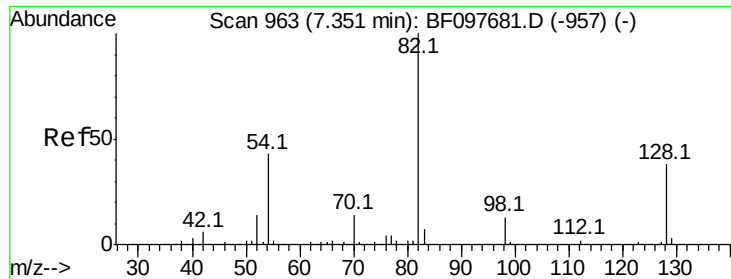
Abundance Ion 136.00 (135.70 to 136.70): E

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

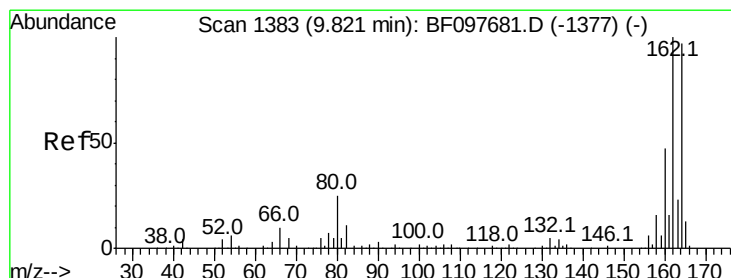
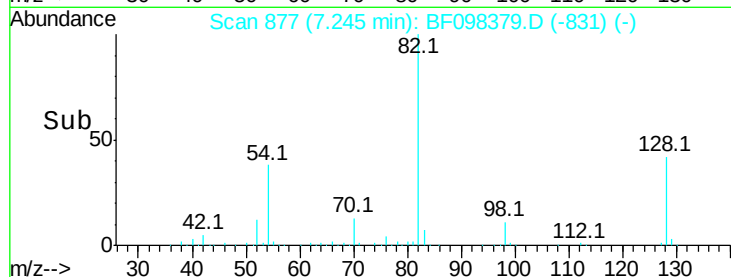
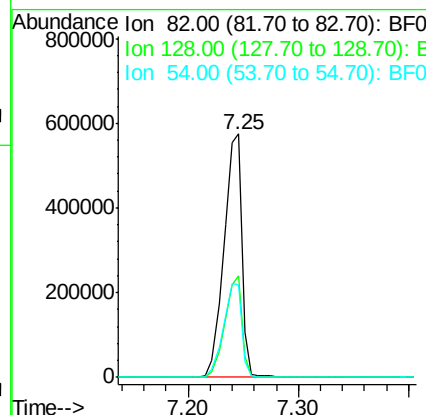
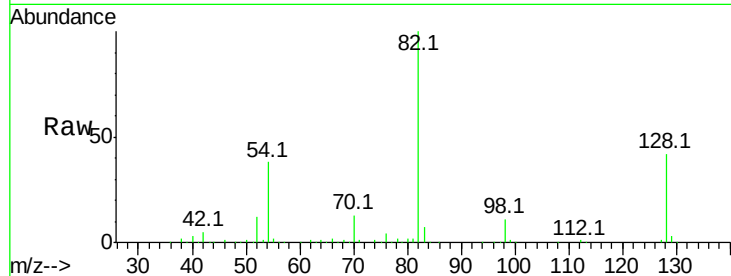




#23
 Nitrobenzene-d5
 Concen: 84.682 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

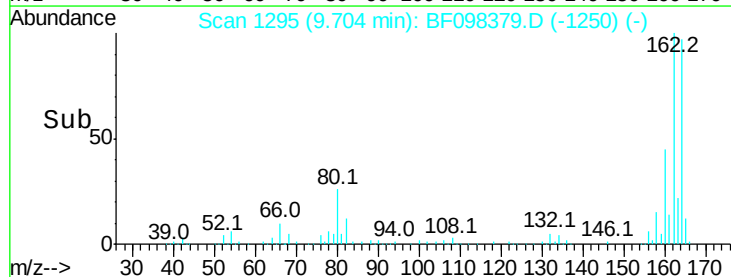
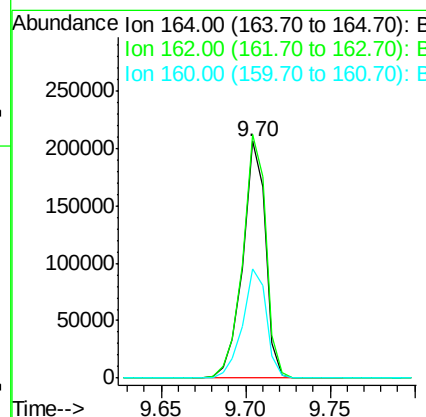
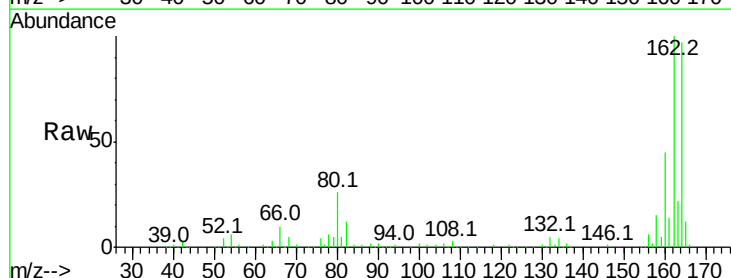
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

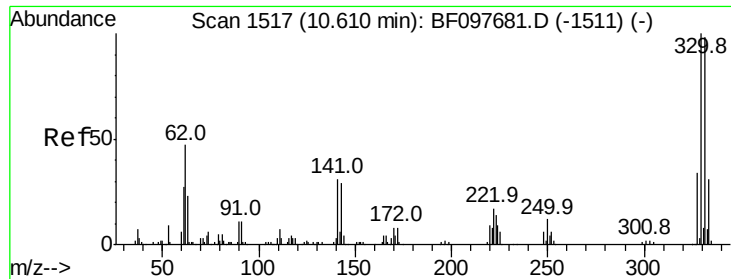
Tot Ion	82	Resp	649428
Ion Ratio	100	Lower	Upper
128	41.5	34.0	51.0
54	38.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Tgt Ion	164	Resp	193498
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.7	82.6	123.8
160	45.9	36.2	54.2

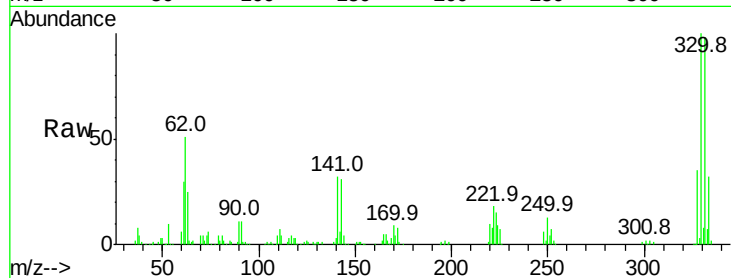




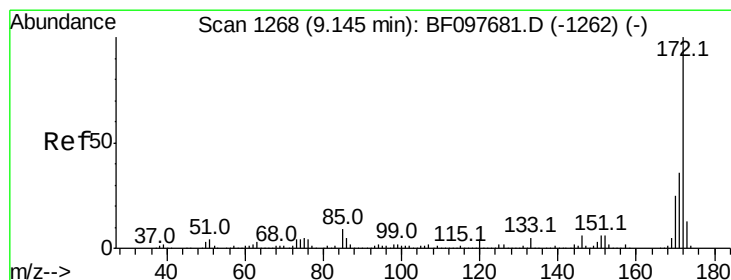
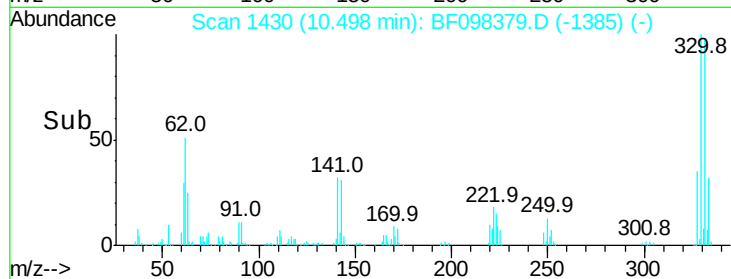
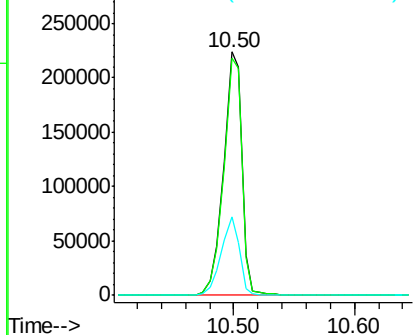
#41
 2,4,6-Tribromophenol
 Concen: 141.078 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	32.2	31.4	47.2

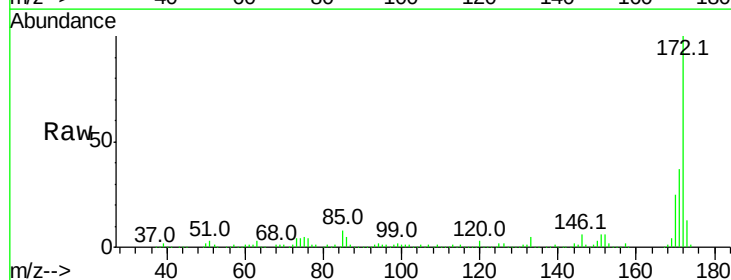


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

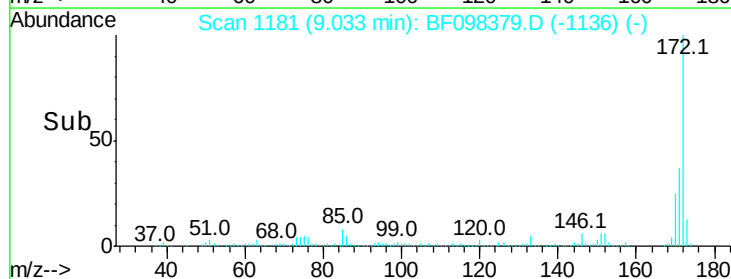
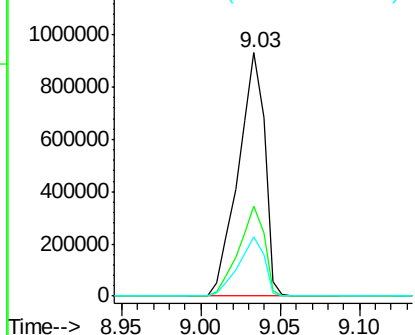


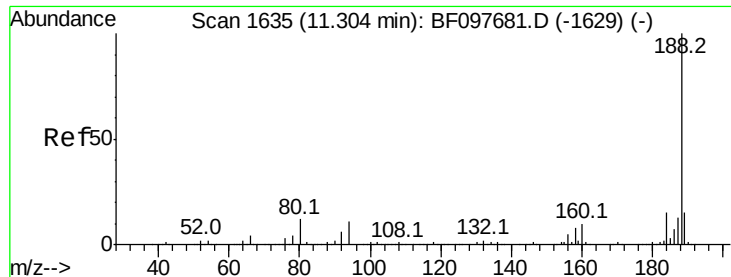
#44
 2-Fluorobiphenyl
 Concen: 81.502 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	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

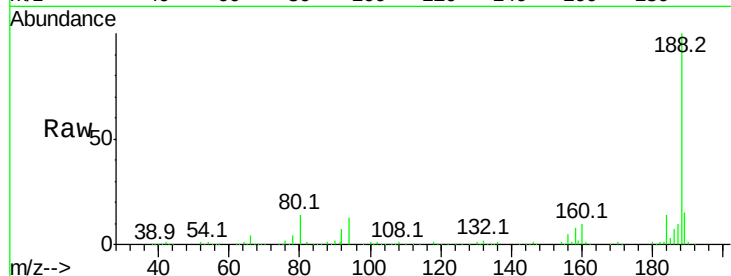




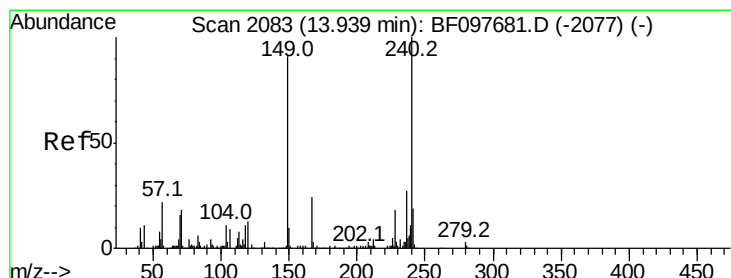
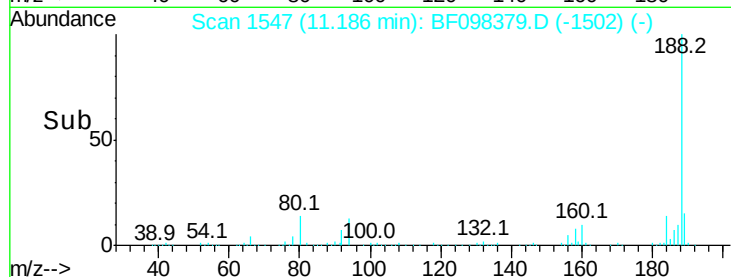
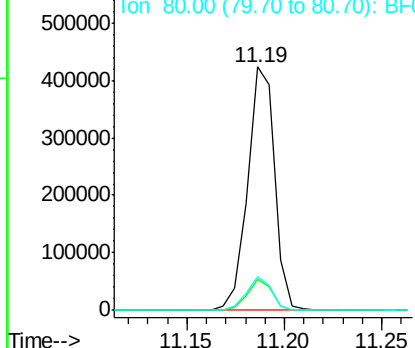
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Instrument :
 BNA_F
 ClientSampled :
 PB102122BL

Tot Ion:188 Resp: 405364
 Ion Ratio Lower Upper
 188 100
 94 12.9 9.4 14.2
 80 13.7 10.2 15.2

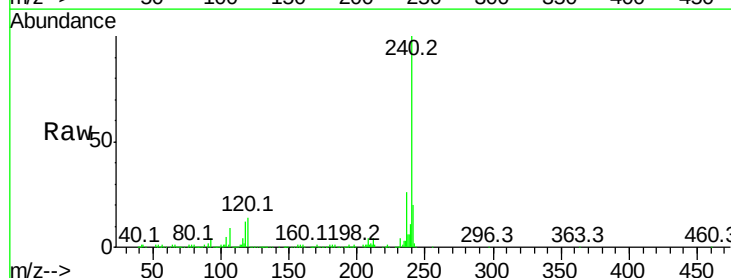


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

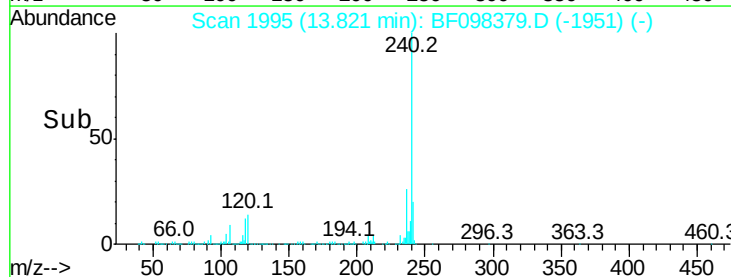
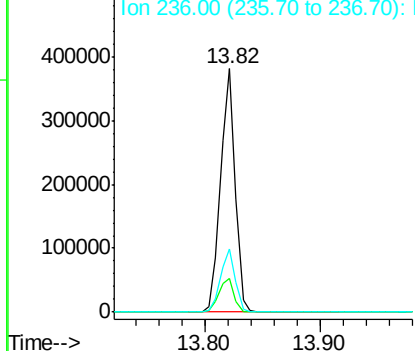


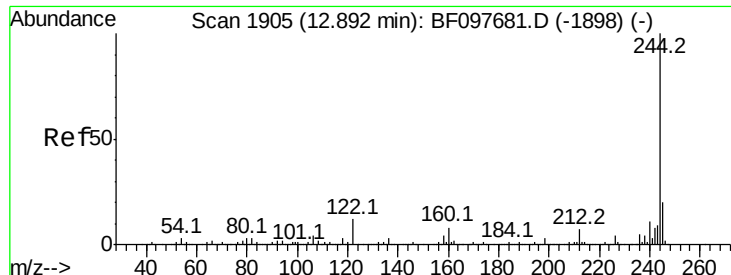
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF098379.D
 Acq: 9 Sep 2017 12:10

Tgt Ion:240 Resp: 336259
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.7 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: 64.246 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

Instrument :

BNA_F

ClientSampleId :

PB102122BL

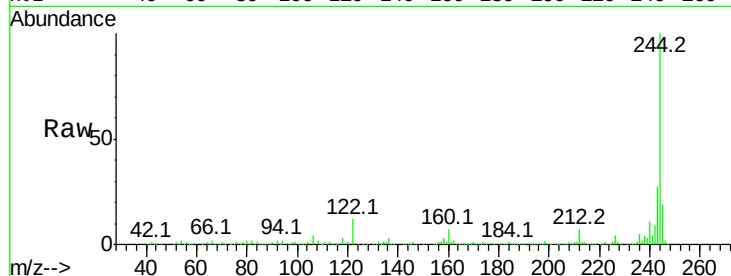
Tot Ion:244 Resp: 1035969

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

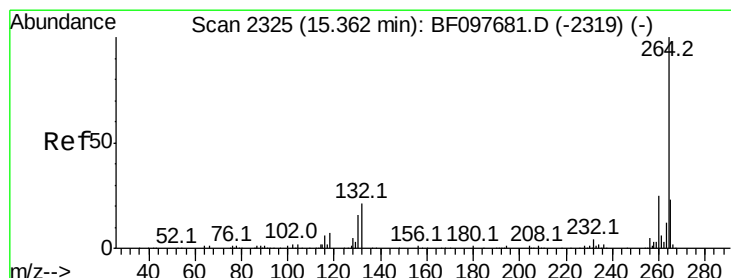
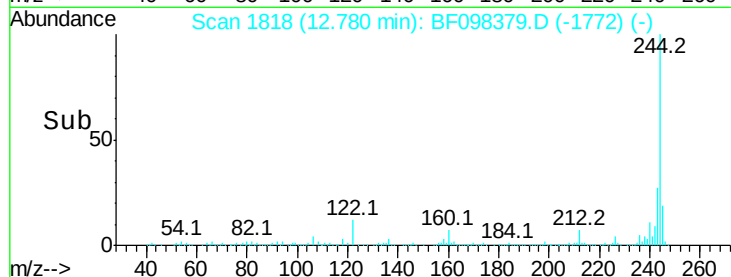
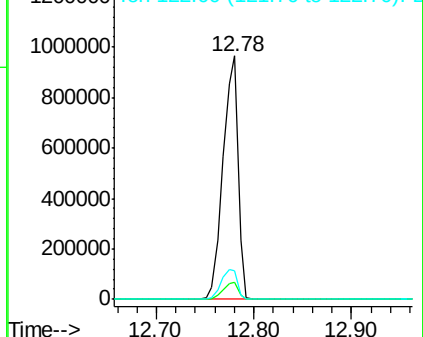
122 11.8 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098379.D

Acq: 9 Sep 2017 12:10

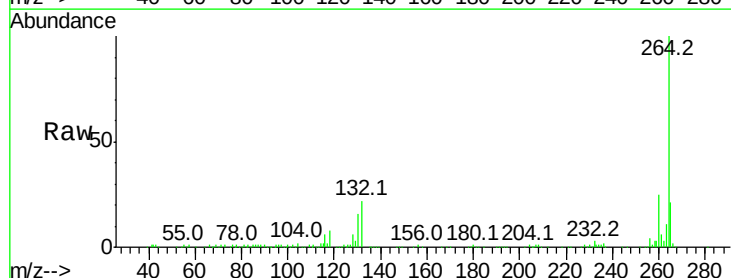
Tgt Ion:264 Resp: 252094

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.2 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

