

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098380.D
 Acq On : 9 Sep 2017 12:38
 Operator : SJ/JU
 Sample : PB102149BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BL

Quant Time: Sep 11 04:55:03 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	97996	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	389585	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	184414	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	381909	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	309000	20.00	ng	-0.04
86) Perylene-d12	15.22	264	221607	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	820066	127.29	ng	0.00
7) Phenol-d6	6.33	99	1089795	124.50	ng	-0.02
23) Nitrobenzene-d5	7.25	82	682346	95.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	252583	157.86	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1113779	88.73	ng	-0.04
78) Terphenyl-d14	12.78	244	1068617	72.12	ng	-0.03

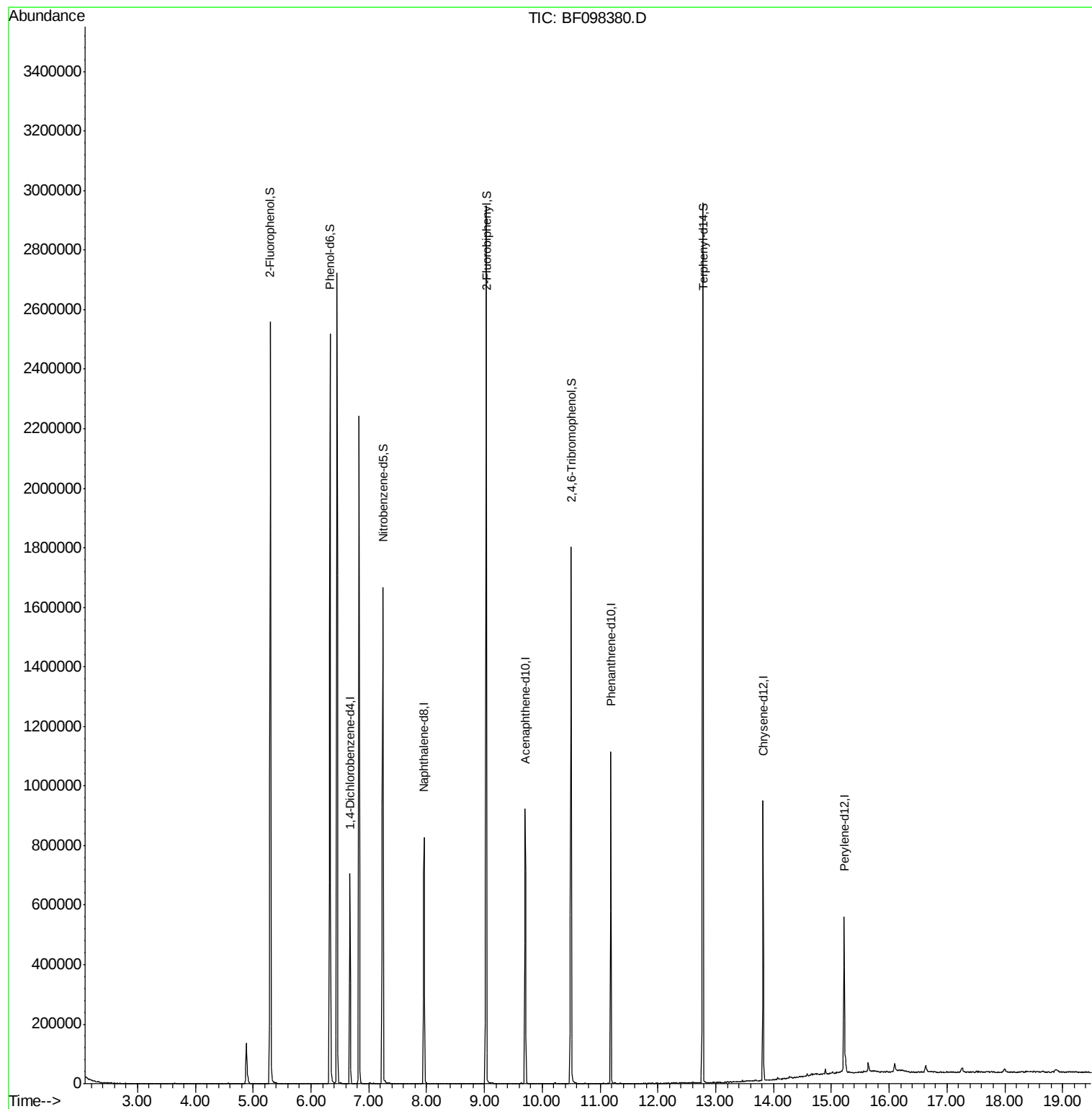
Target Compounds Qvalue

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

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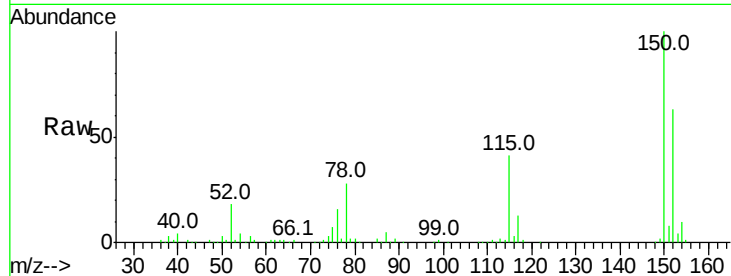


#1

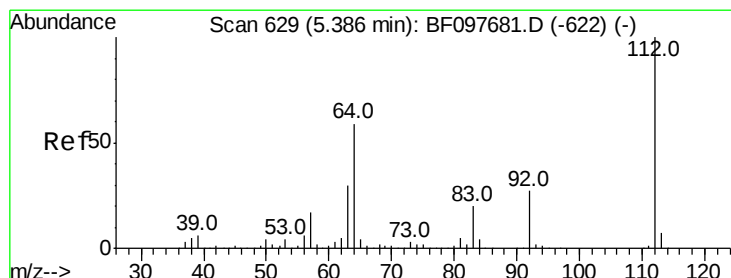
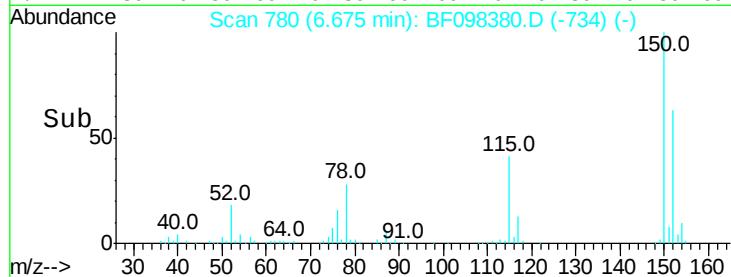
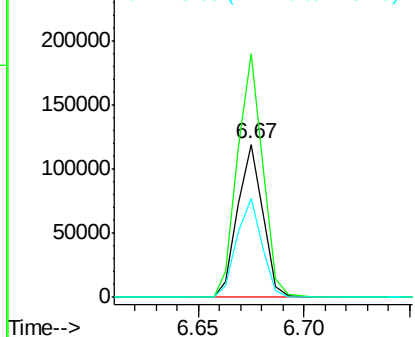
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BL

Tot Ion:152 Resp: 97996
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 64.5 52.2 78.2



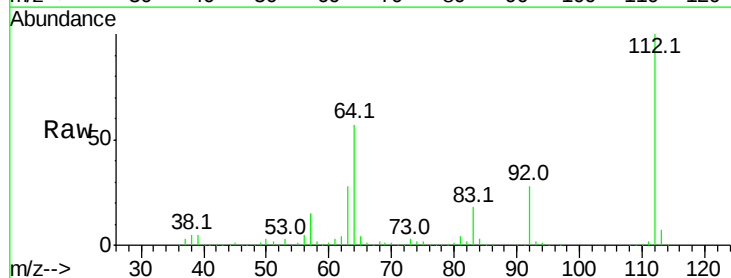
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



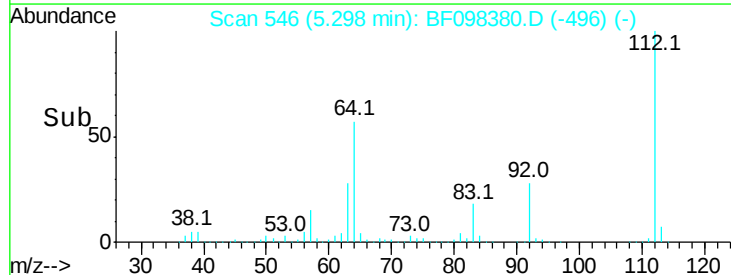
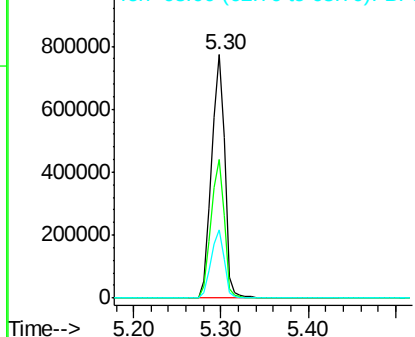
#5

2-Fluorophenol
 Concen: 127.289 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:112 Resp: 820066
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.0 69.0
 63 28.0 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: 124.497 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Instrument :

BNA_F

ClientSampleId :

PB102149BL

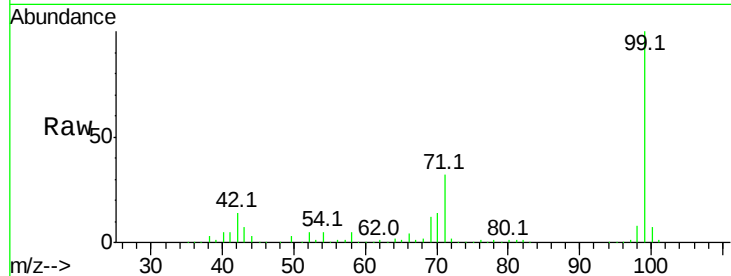
Tot Ion: 99 Resp: 1089795

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

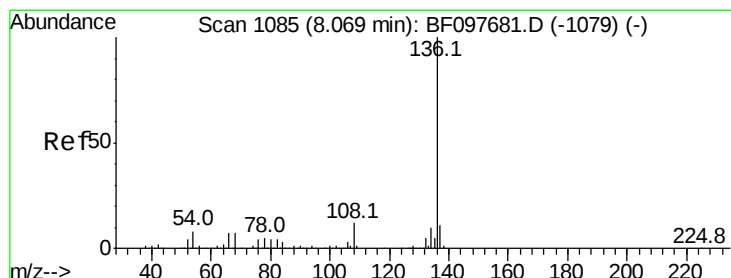
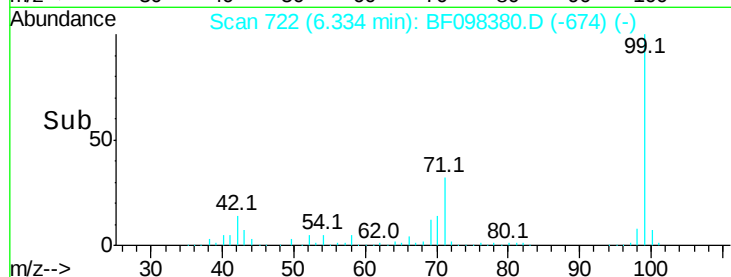
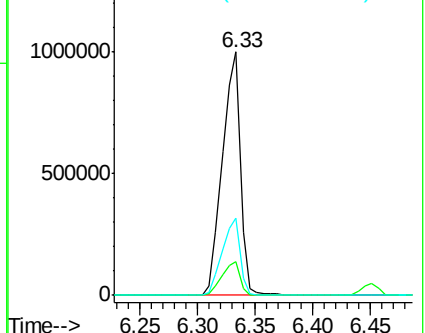
71 31.6 24.5 36.7



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: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Tgt Ion: 136 Resp: 389585

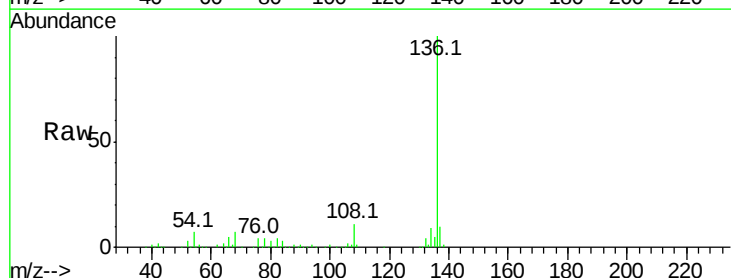
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

68 7.1 4.1 6.1#

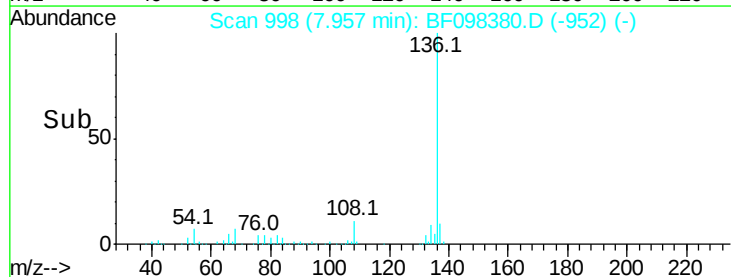
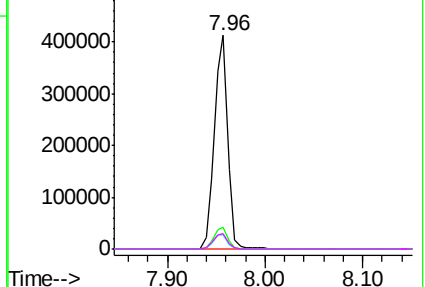


Abundance Ion 136.00 (135.70 to 136.70): E

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

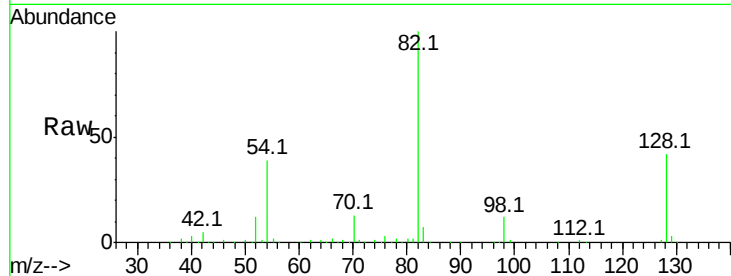




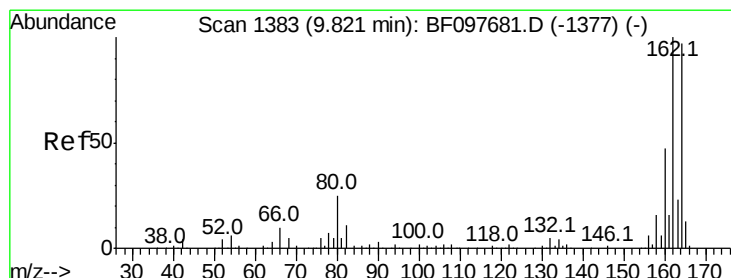
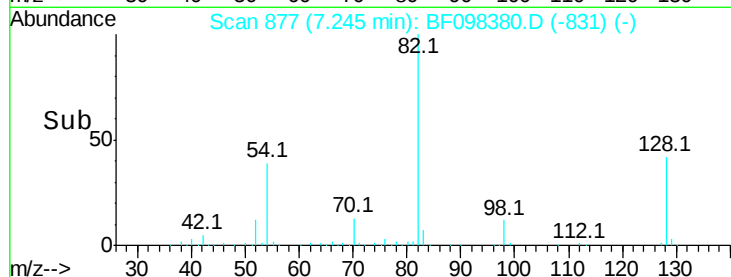
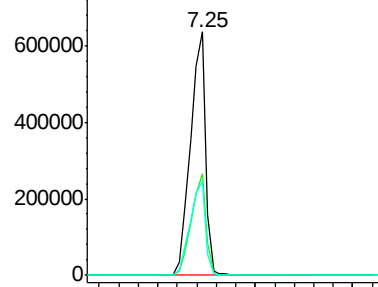
#23
 Nitrobenzene-d5
 Concen: 95.148 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB102149BL

Tot Ion: 82 Resp: 682346
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.0 51.0
 54 38.5 42.2 63.2#

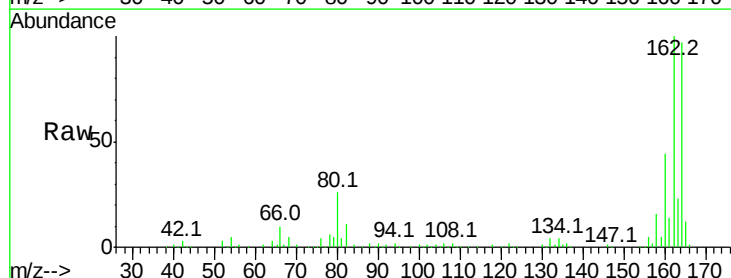


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

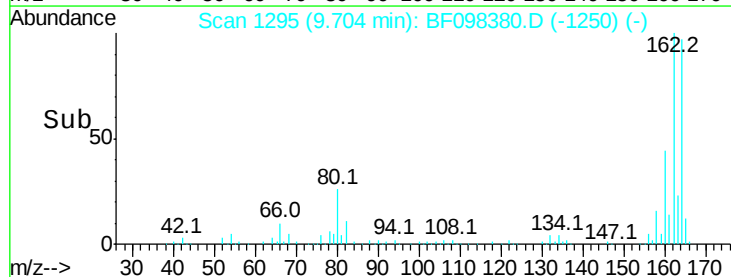
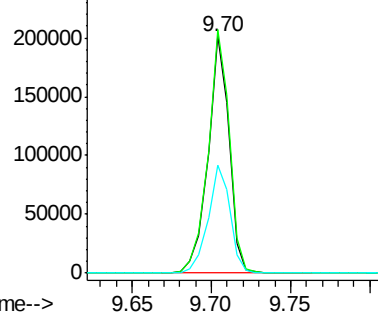


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:164 Resp: 184414
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 45.6 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

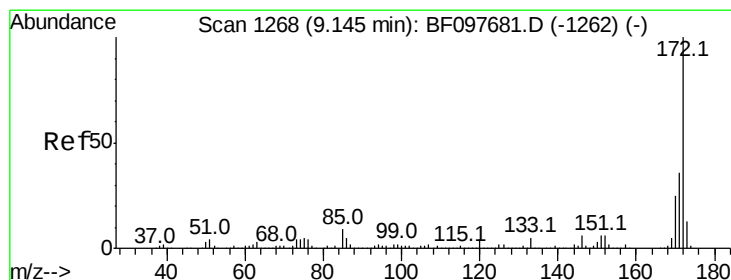
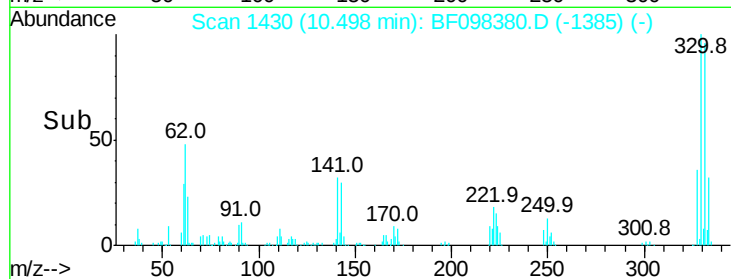
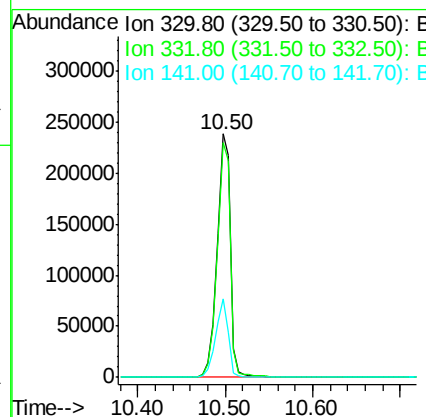
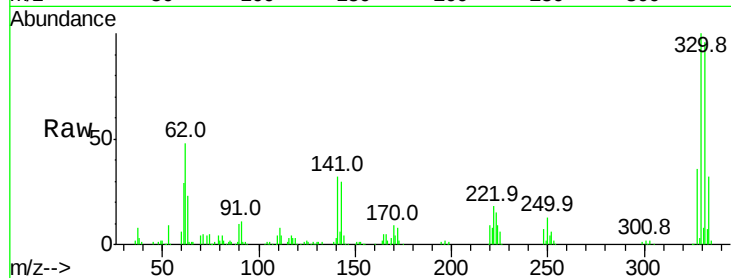




#41
 2,4,6-Tribromophenol
 Concen: 157.855 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

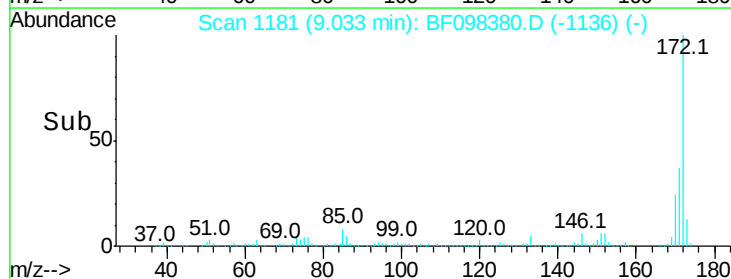
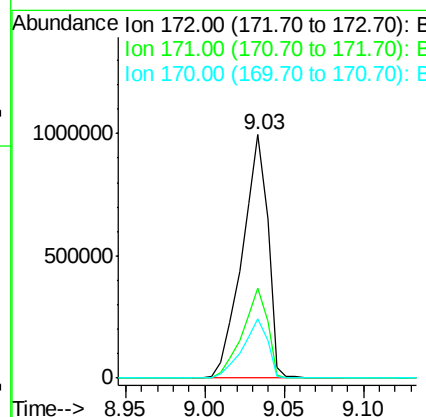
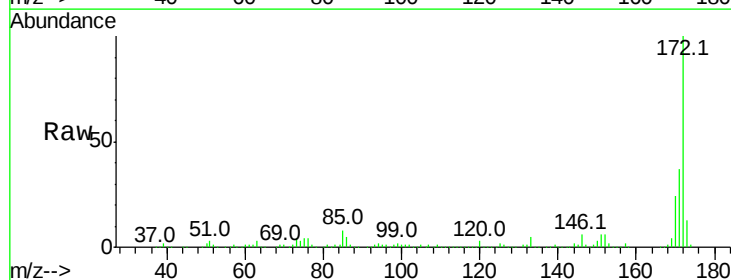
Instrument :
 BNA_F
 ClientSampleId :
 PB102149BL

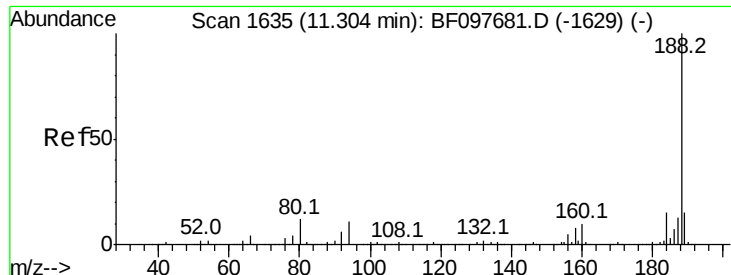
Tot Ion:330 Resp: 252583
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 31.0 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 88.734 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098380.D
 Acq: 9 Sep 2017 12:38

Tgt Ion:172 Resp: 1113779
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.2 19.8 29.8

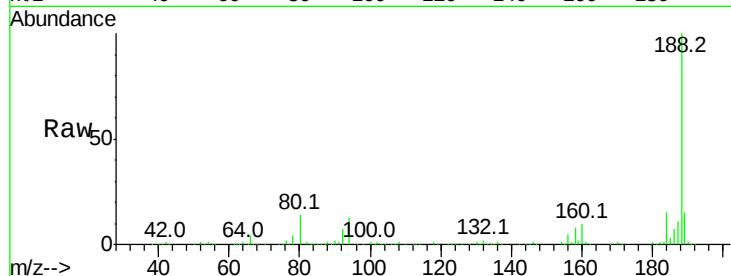




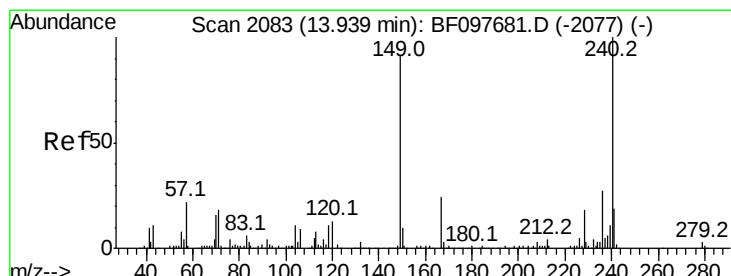
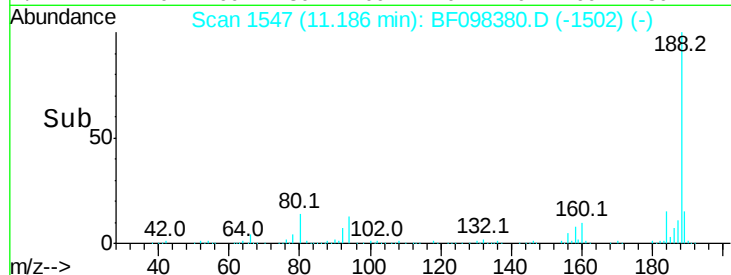
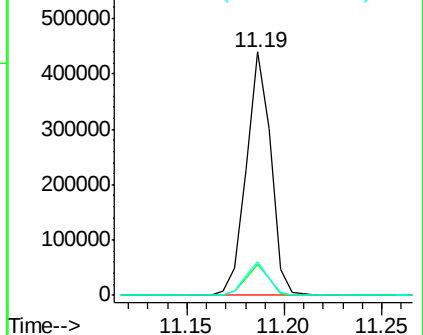
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Instrument :
BNA_F
ClientSampleId :
PB102149BL

Tot Ion:188 Resp: 381909
Ion Ratio Lower Upper
188 100
94 12.8 9.4 14.2
80 13.7 10.2 15.2

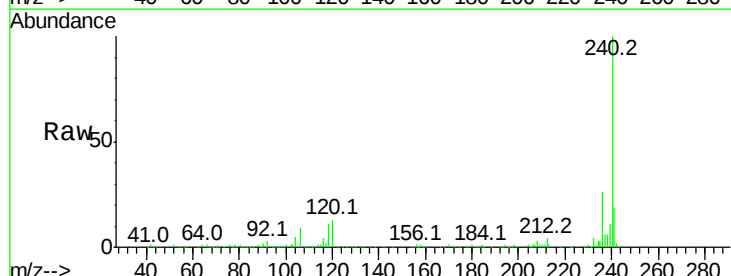


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

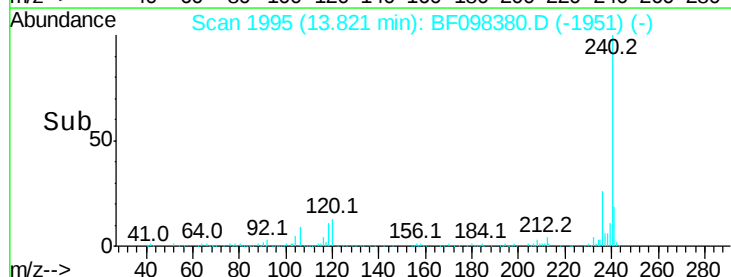
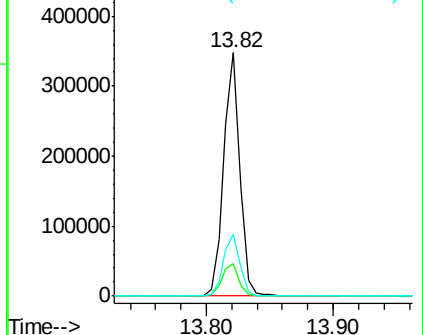


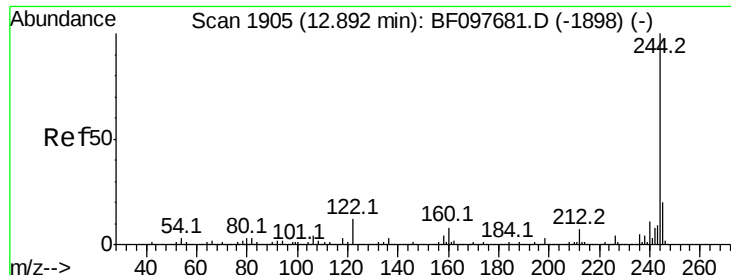
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098380.D
Acq: 9 Sep 2017 12:38

Tgt Ion:240 Resp: 309000
Ion Ratio Lower Upper
240 100
120 13.3 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: 72.117 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Instrument :

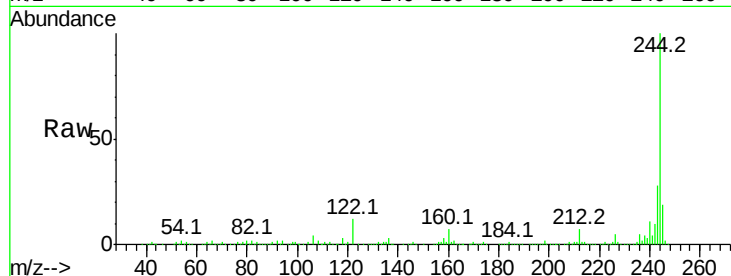
BNA_F

ClientSampleId :

PB102149BL

Tot Ion:244 Resp: 1068617

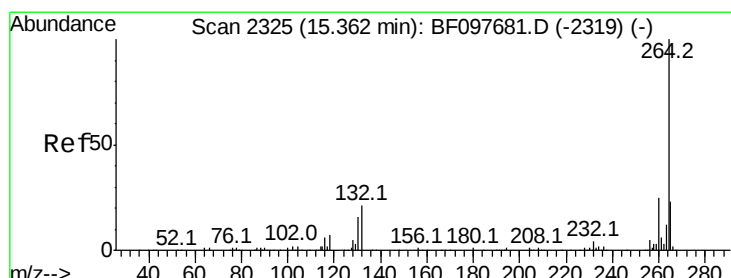
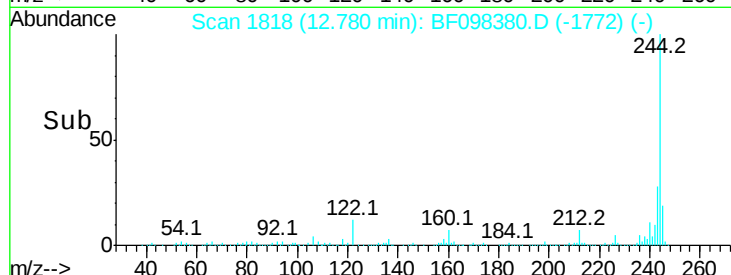
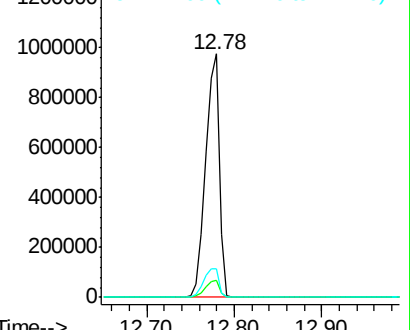
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.8	10.3	15.5



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

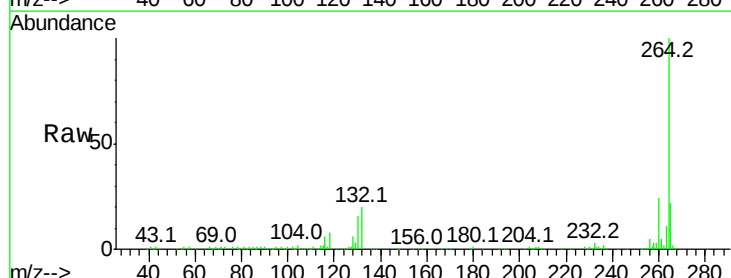
Delta R.T. -0.04 min

Lab File: BF098380.D

Acq: 9 Sep 2017 12:38

Tgt Ion:264 Resp: 221607

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	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

