

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097789.D
 Acq On : 17 Aug 2017 16:41
 Operator : SJ/JU
 Sample : PB101441BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Quant Time: Aug 18 02:12:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	162502	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	634668	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	290501	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	576687	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	478279	20.00	ng	-0.01
86) Perylene-d12	15.35	264	337908	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1365961	127.86	ng	0.01
7) Phenol-d6	6.41	99	1848993	127.38	ng	0.00
23) Nitrobenzene-d5	7.34	82	1122904	96.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	378513	150.17	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1702381	86.10	ng	-0.01
78) Terphenyl-d14	12.89	244	1524467	66.47	ng	0.00

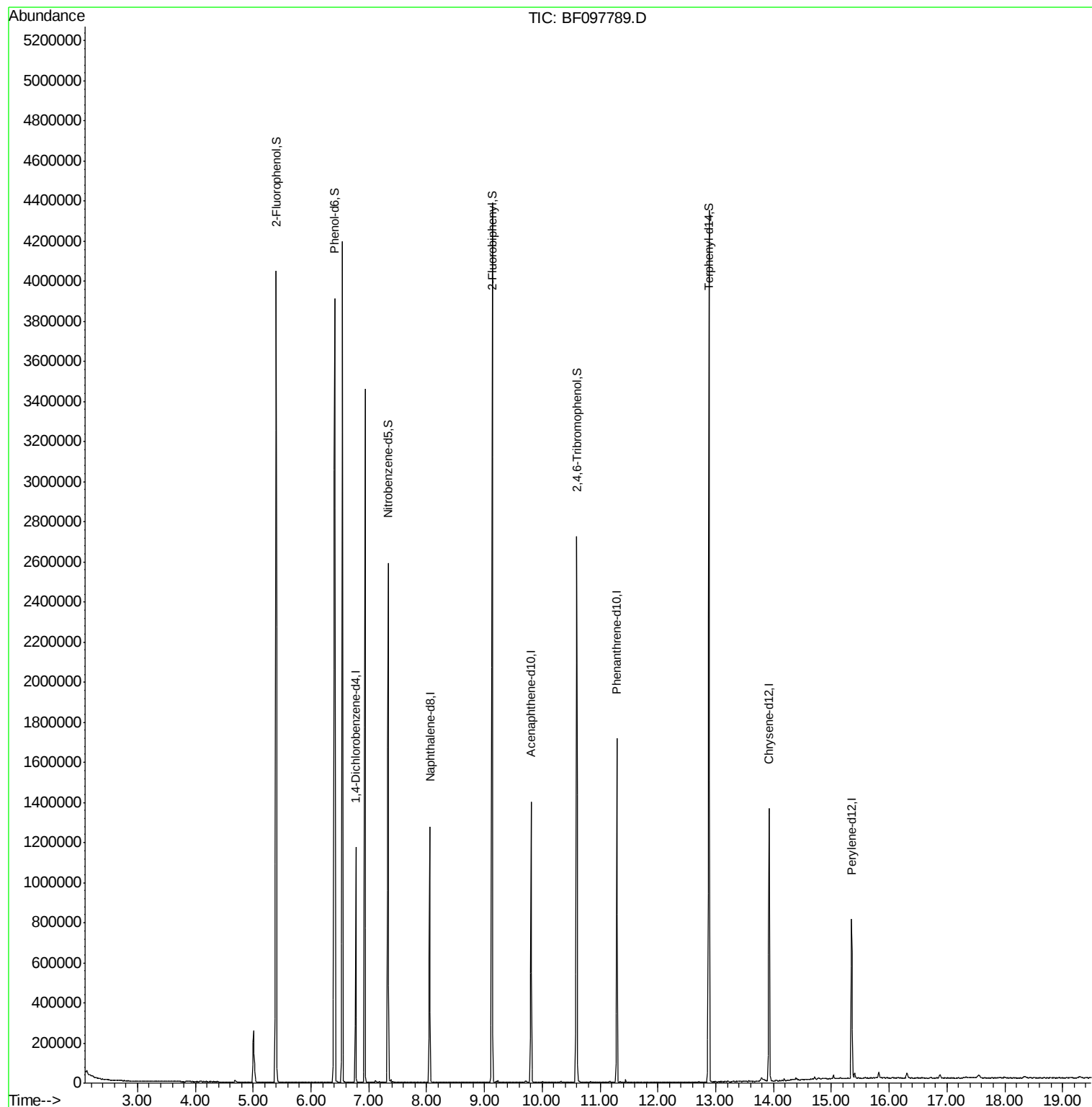
Target Compounds Qvalue

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

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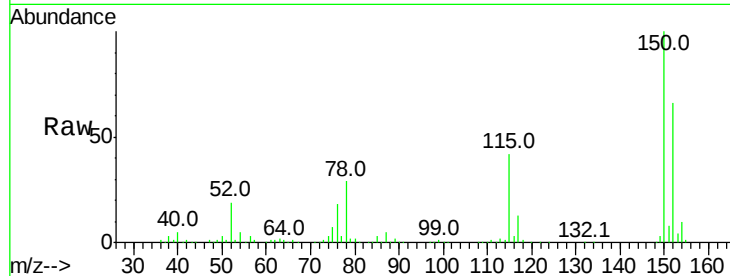


#1

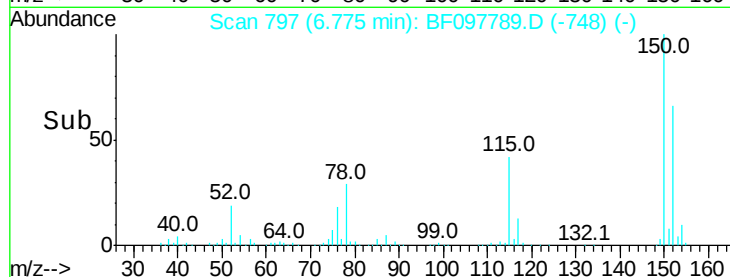
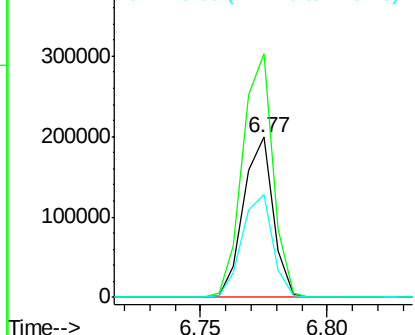
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Instrument :
BNA_F
ClientSampleId :
PB101441BL

Tot Ion:152 Resp: 162502
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 64.2 52.2 78.2



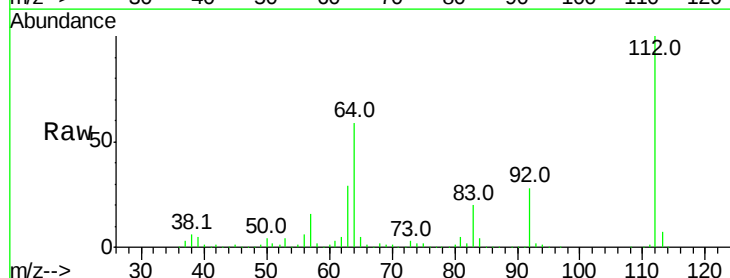
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



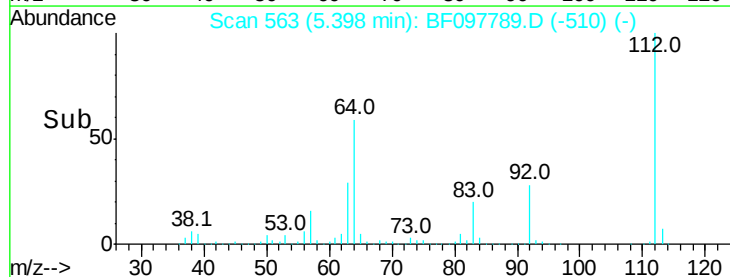
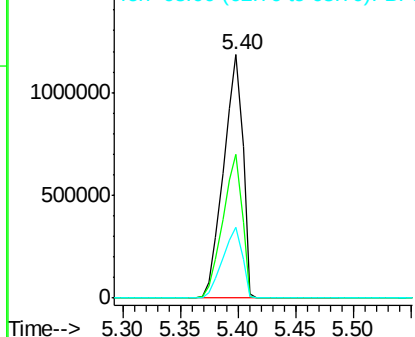
#5

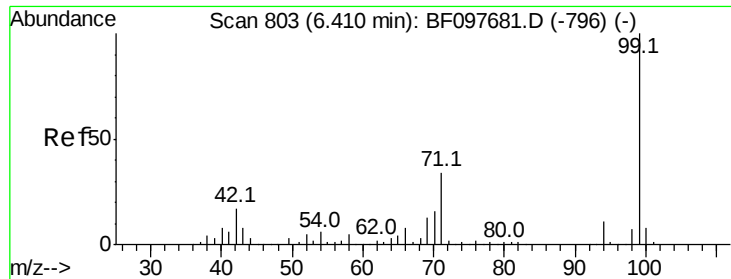
2-Fluorophenol
Concen: 127.859 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:112 Resp: 1365961
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.2 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: 127.379 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

BNA_F

ClientSampleId :

PB101441BL

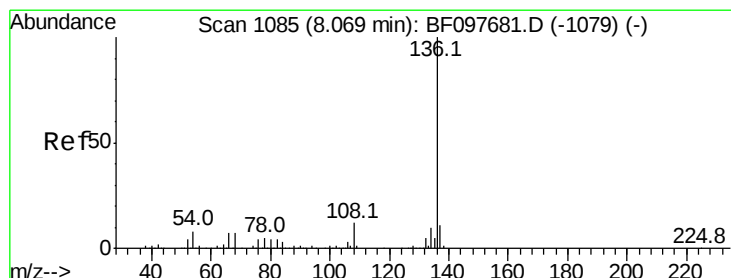
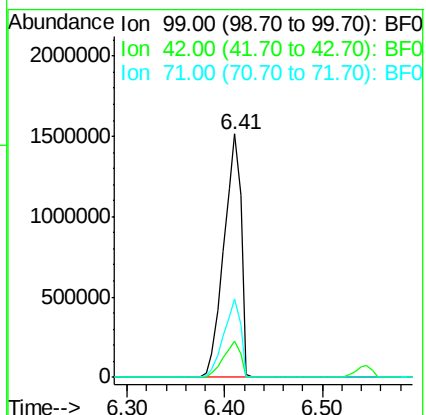
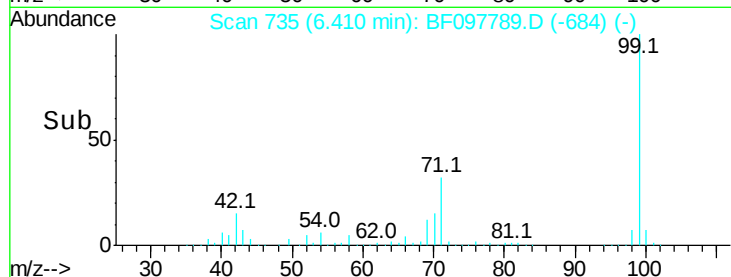
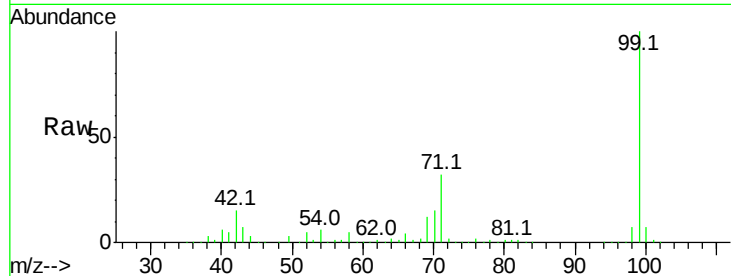
Tot Ion: 99 Resp: 1848993

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	32.4	24.5	36.7

99 100

42 14.7 13.5 20.3

71 32.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Tgt Ion: 136 Resp: 634668

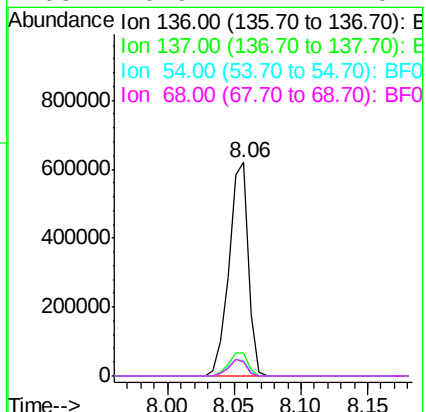
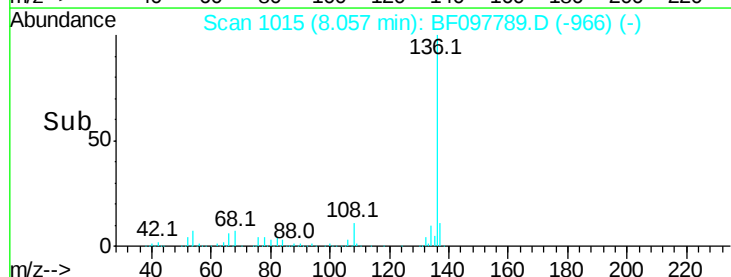
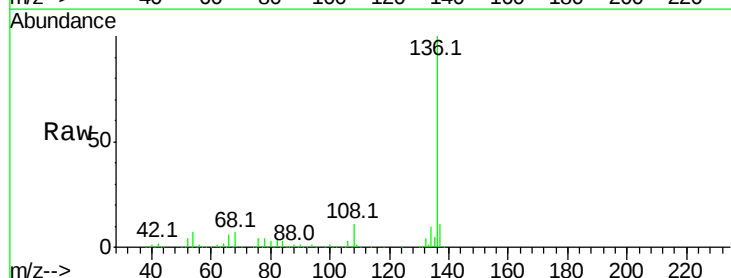
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	6.9	4.1	6.1#

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 6.9 4.1 6.1#



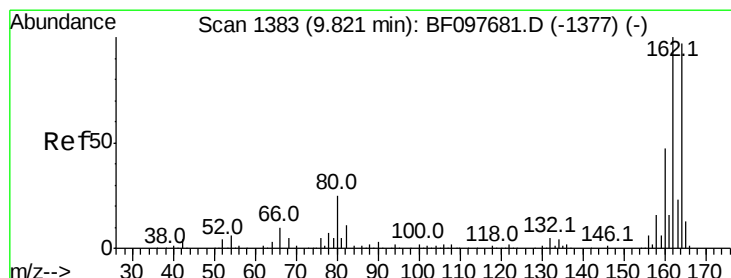
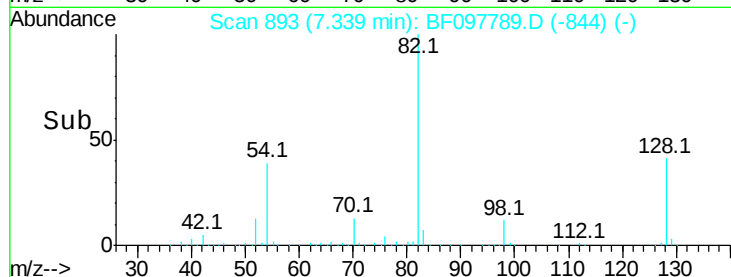
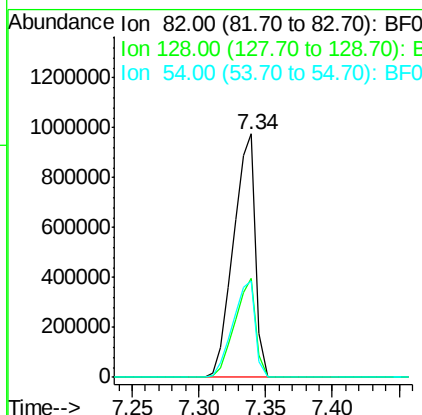
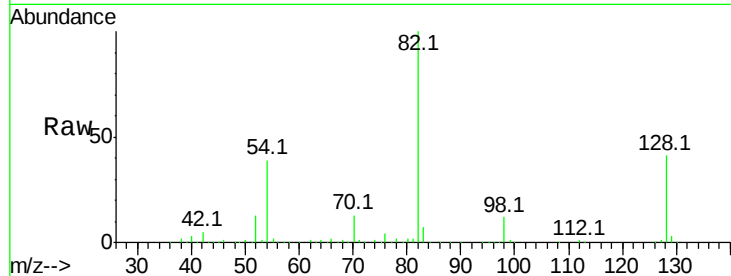


#23
 Nitrobenzene-d5
 Concen: 96.115 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Tot Ion: 82 Resp: 1122904

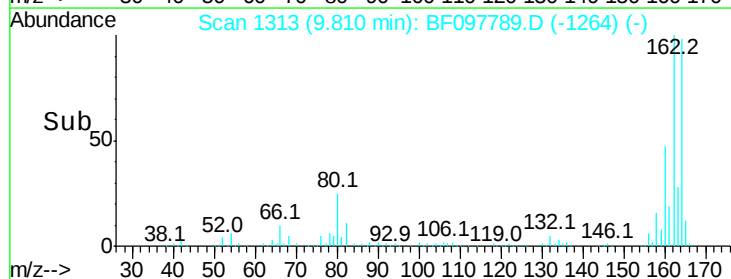
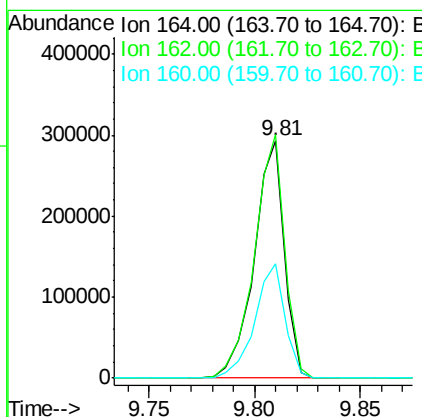
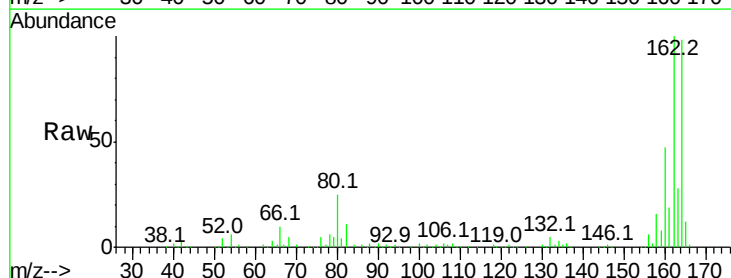
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	39.5	42.2	63.2#

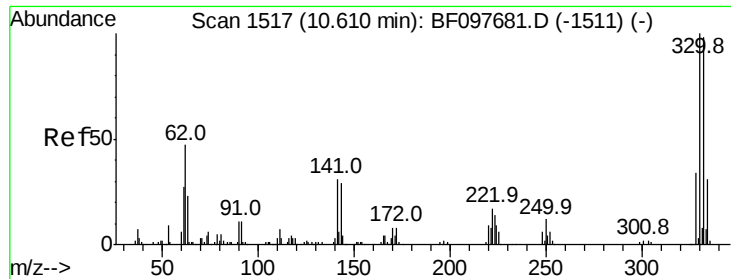


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Tgt Ion: 164 Resp: 290501

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	48.0	36.2	54.2

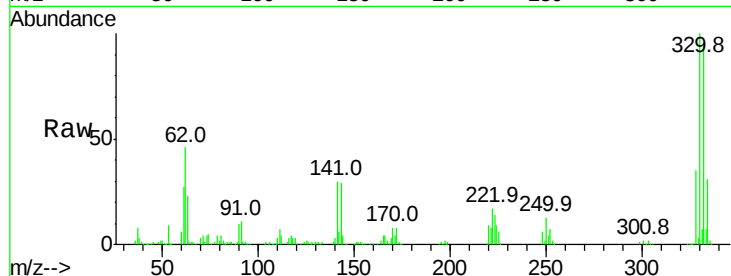




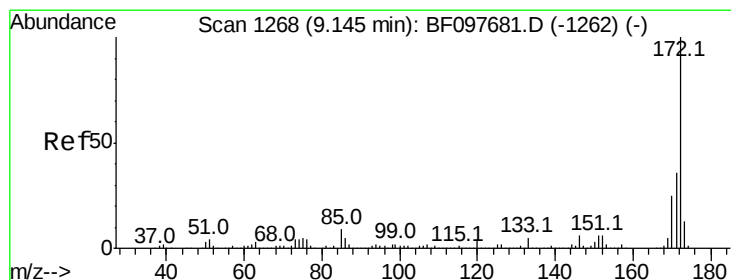
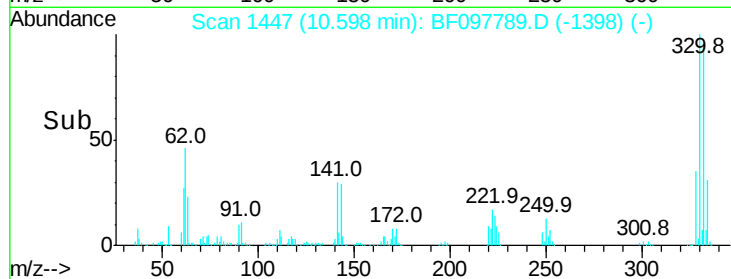
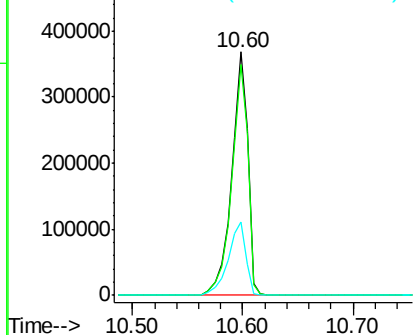
#41
 2,4,6-Tribromophenol
 Concen: 150.170 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	33.0	31.4	47.2

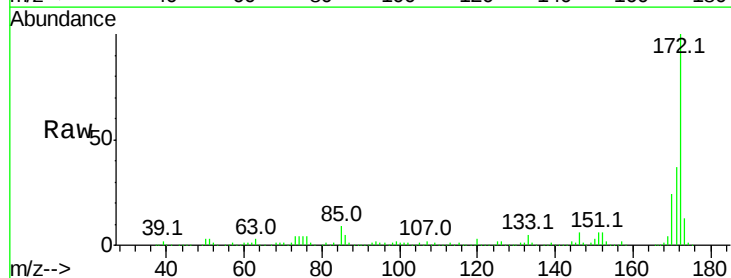


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

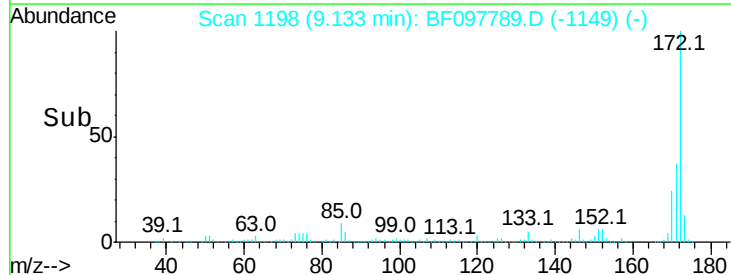
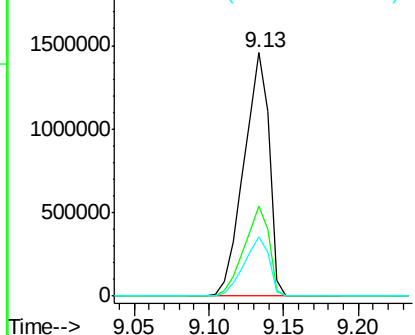


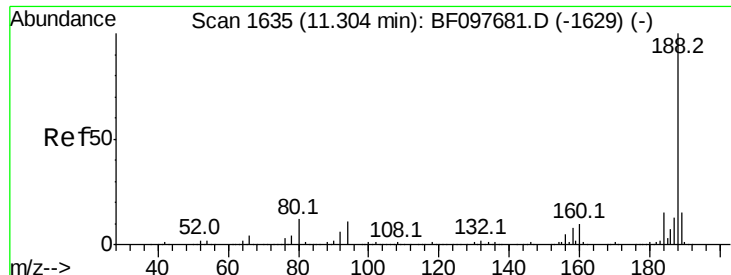
#44
 2-Fluorobiphenyl
 Concen: 86.098 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097789.D
 Acq: 17 Aug 2017 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.4	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

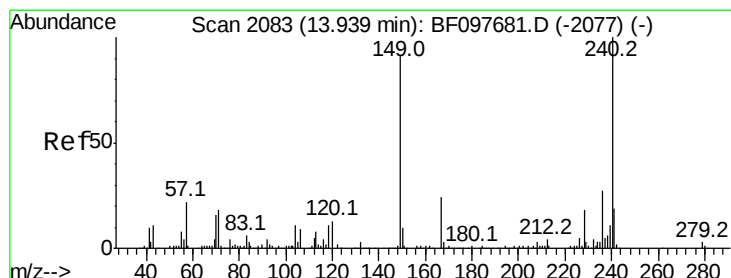
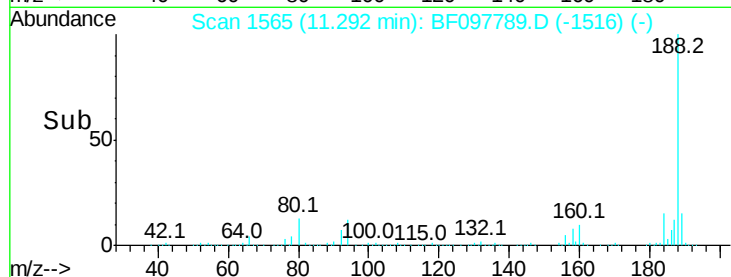
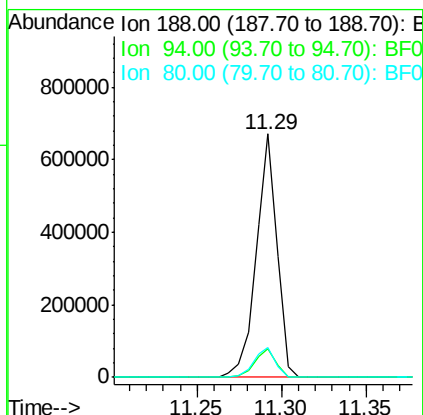
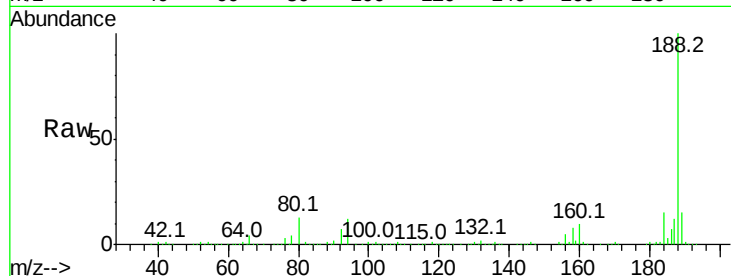




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

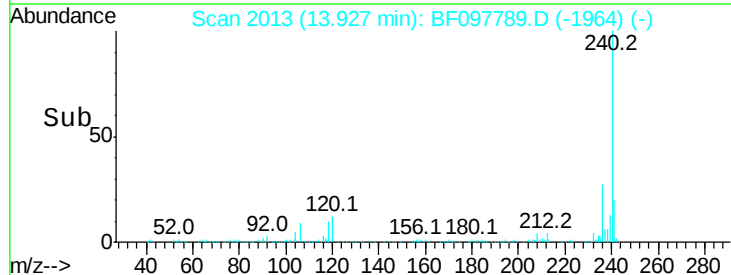
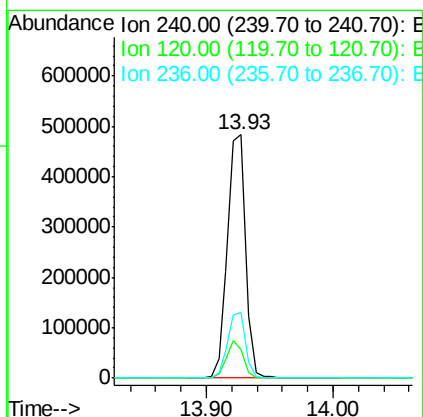
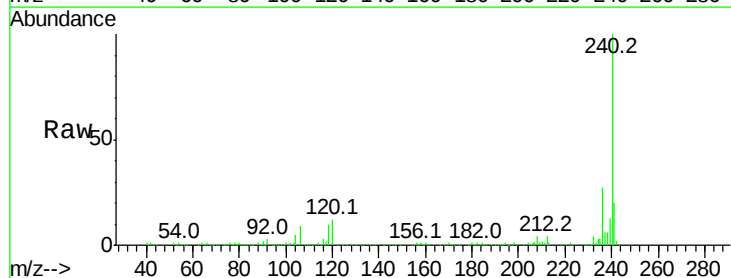
Instrument :
BNA_F
ClientSampleId :
PB101441BL

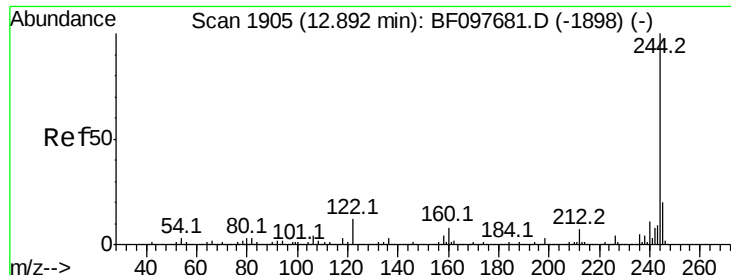
Tot Ion:188 Resp: 576687
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097789.D
Acq: 17 Aug 2017 16:41

Tgt Ion:240 Resp: 478279
Ion Ratio Lower Upper
240 100
120 12.0 5.8 8.8#
236 26.8 20.5 30.7





#78

Terphenyl-d14

Concen: 66.468 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Instrument :

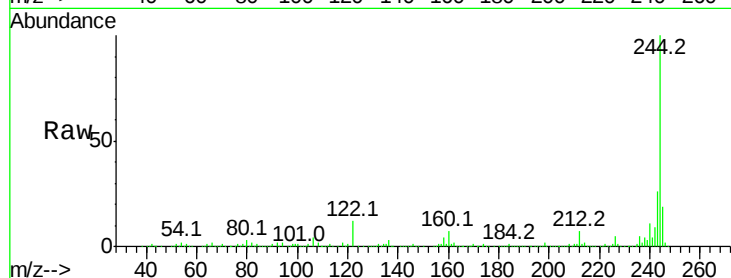
BNA_F

ClientSampleId :

PB101441BL

Tot Ion:244 Resp: 1524467

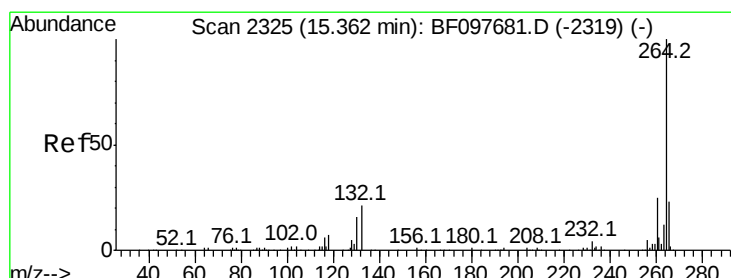
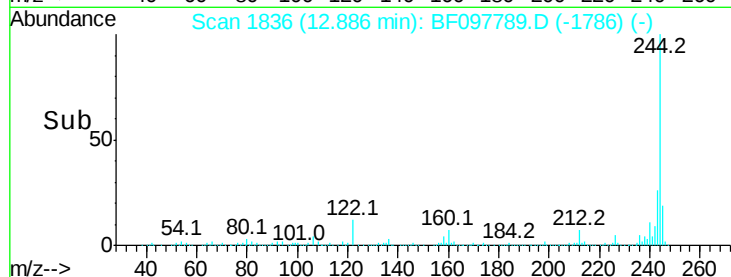
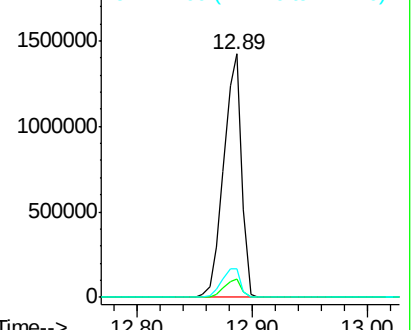
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.7	10.3	15.5



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: 15.35 min Scan# 2255

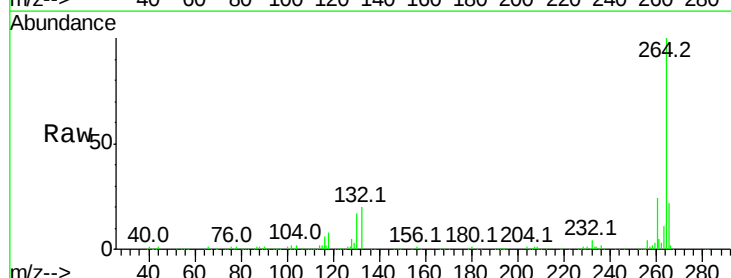
Delta R.T. -0.01 min

Lab File: BF097789.D

Acq: 17 Aug 2017 16:41

Tgt Ion:264 Resp: 337908

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.1	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

