

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098474.D
 Acq On : 13 Sep 2017 2:49
 Operator : SJ/JU
 Sample : PB102225TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

Quant Time: Sep 13 03:45:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195728	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	790171	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319165	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	478511	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	346550	20.00	ng	0.00
86) Perylene-d12	15.21	264	254669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1786600	134.96	ng	0.00
7) Phenol-d6	6.32	99	2197997	130.77	ng	0.00
23) Nitrobenzene-d5	7.23	82	1320937	93.20	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	278433	130.71	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2095647	111.29	ng	-0.01
78) Terphenyl-d14	12.76	244	1352417	84.23	ng	0.00

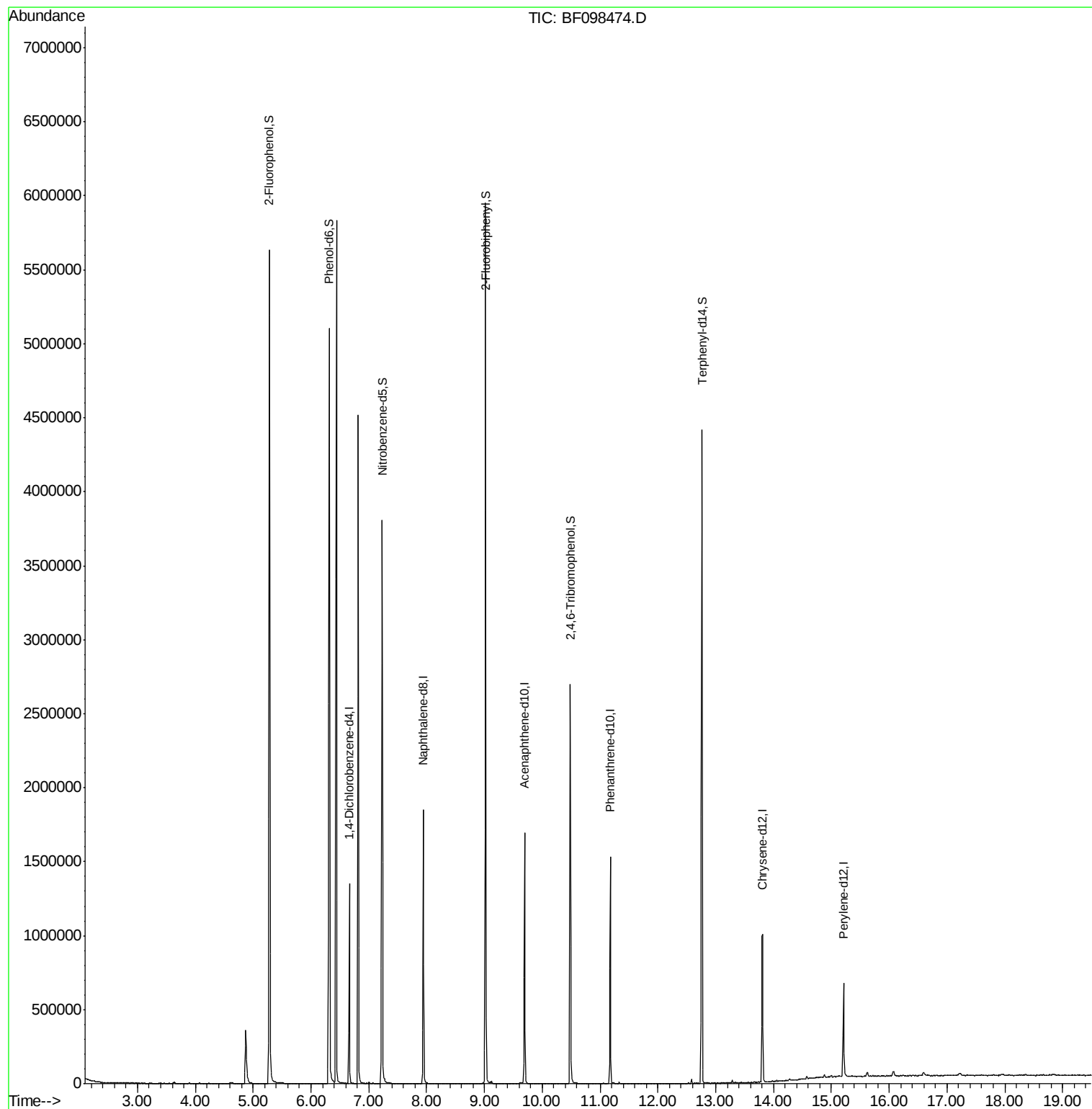
Target Compounds Qvalue

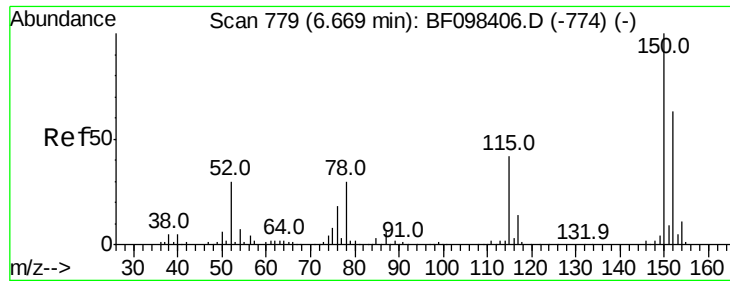
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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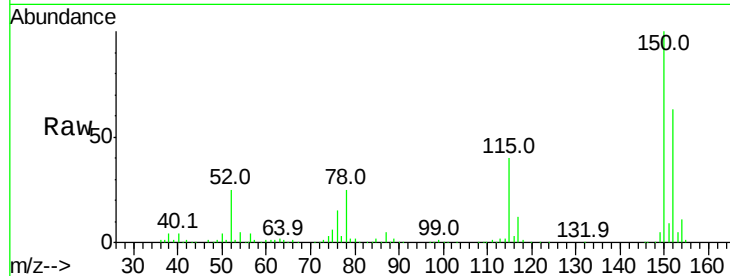


#1

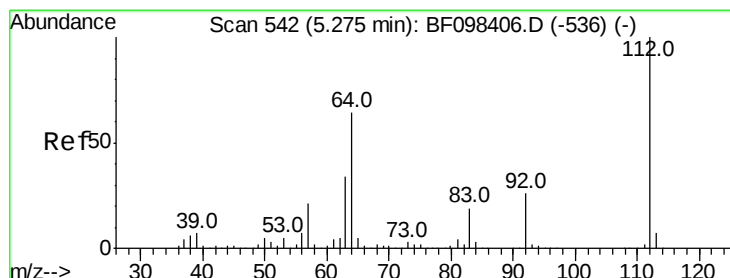
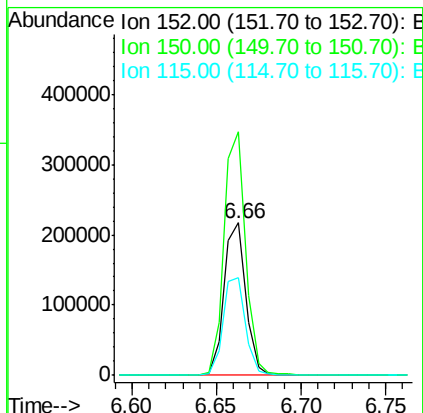
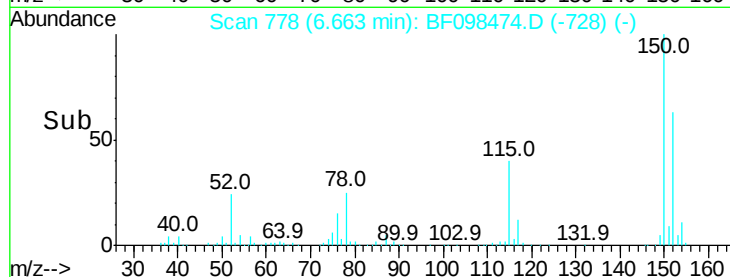
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

Tot Ion:152 Resp: 195728
 Ion Ratio Lower Upper
 152 100
 150 159.5 126.2 189.2
 115 64.4 52.2 78.2



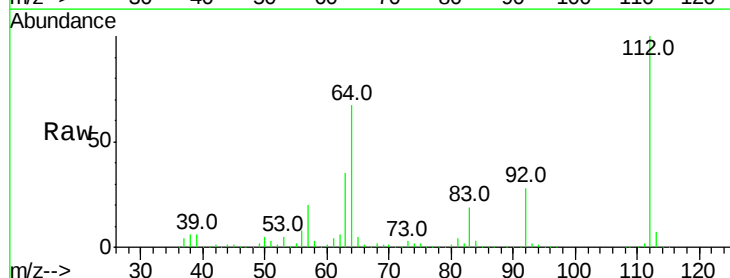
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



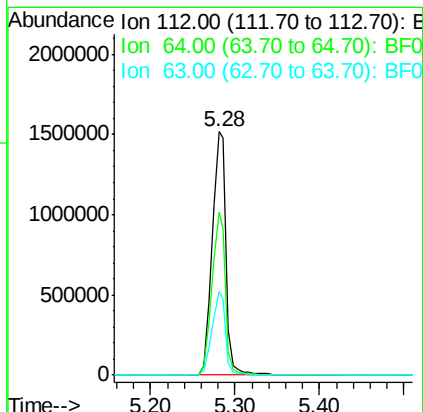
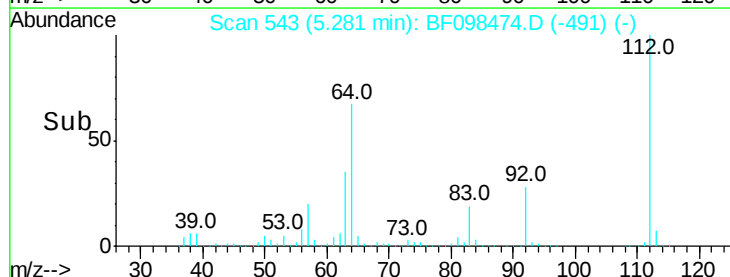
#5

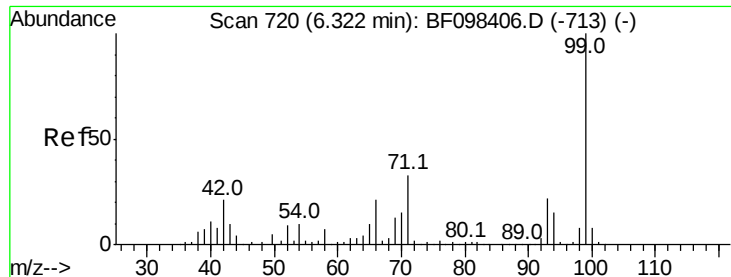
2-Fluorophenol
 Concen: 134.959 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion:112 Resp: 1786600
 Ion Ratio Lower Upper
 112 100
 64 67.1 46.0 69.0
 63 34.5 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: 130.772 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Instrument :

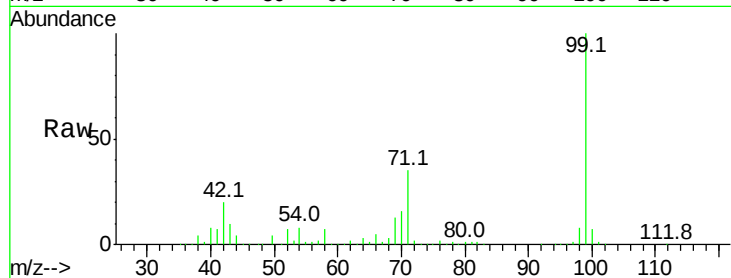
BNA_F

ClientSampleId :

PB102225TB

Tot Ion: 99 Resp: 2197997

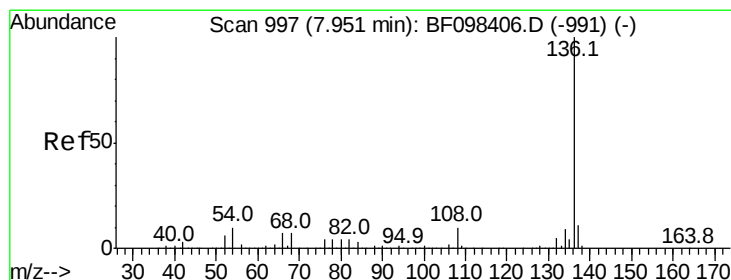
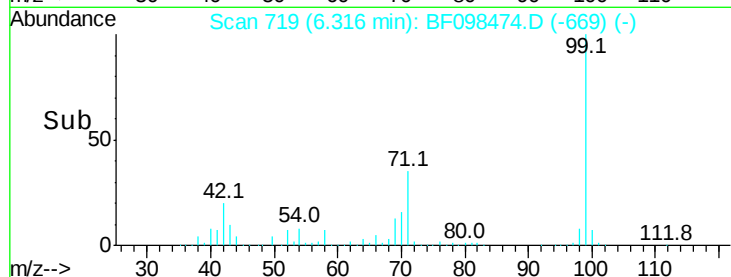
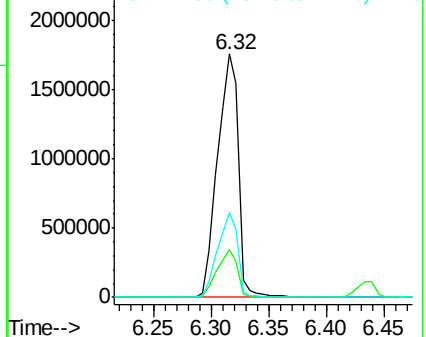
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	34.7	24.5	36.7



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: 7.95 min Scan# 996

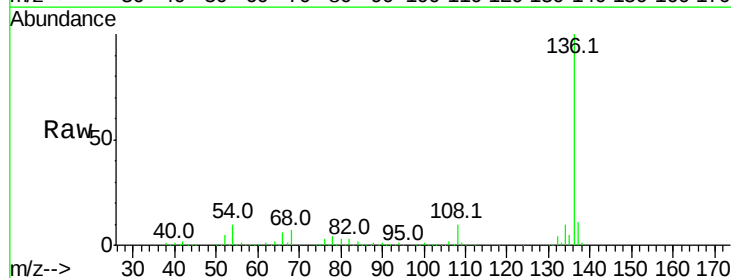
Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Tgt Ion: 136 Resp: 790171

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	9.6	4.9	7.3#
68	6.7	4.1	6.1#

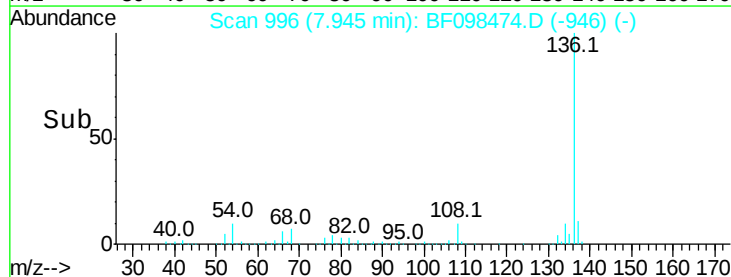
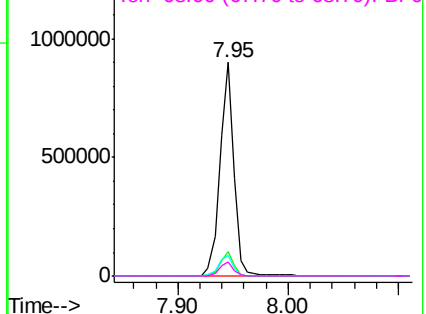


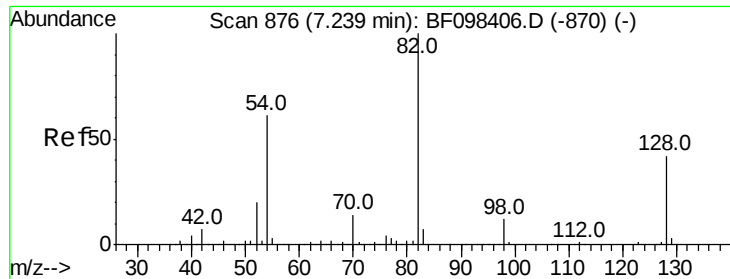
Abundance Ion 136.00 (135.70 to 136.70): E

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



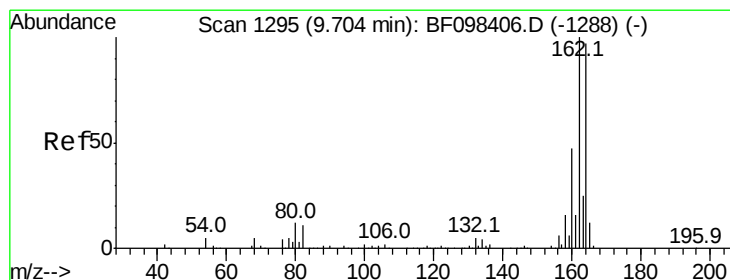
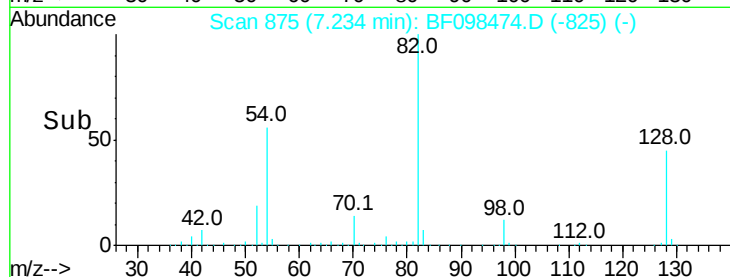
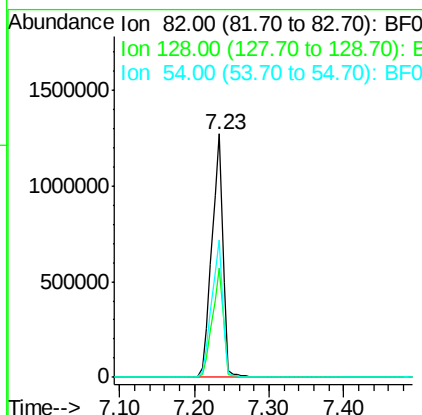
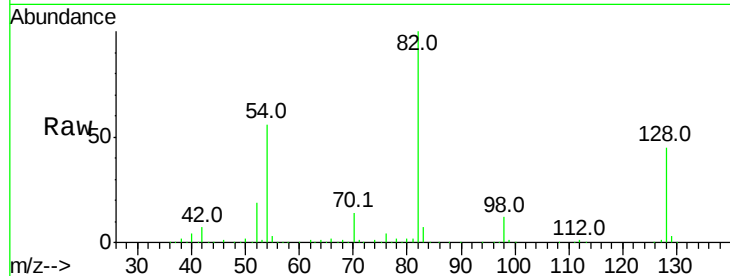


#23
 Nitrobenzene-d5
 Concen: 93.197 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

Tot Ion: 82 Resp: 1320937

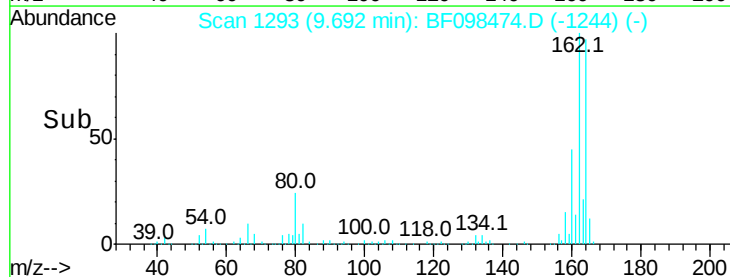
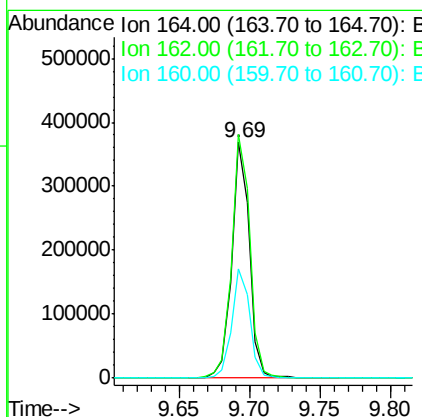
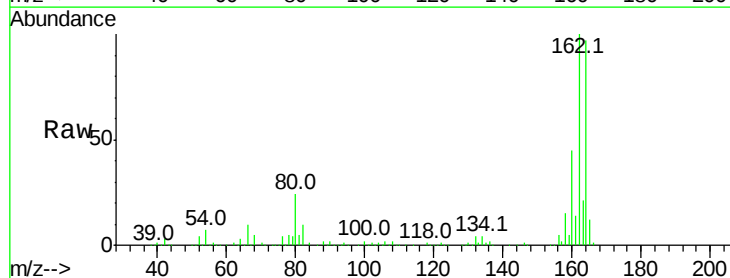
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	56.2	42.2	63.2

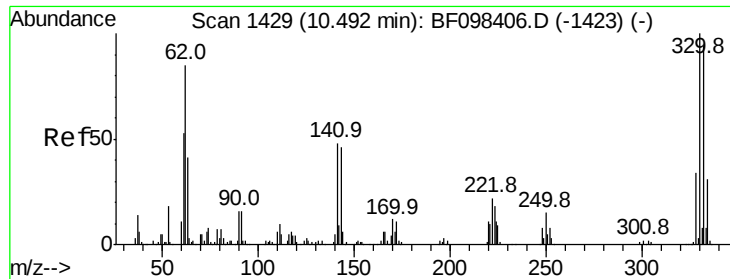


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion:164 Resp: 319165

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	46.3	36.2	54.2

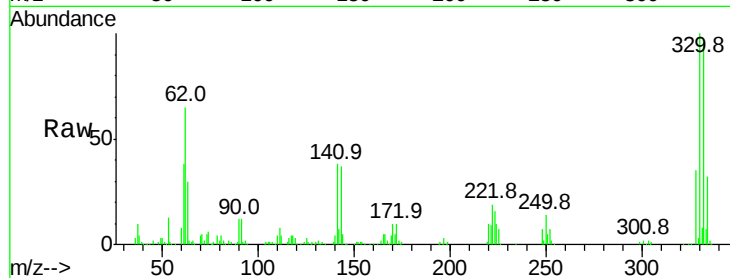




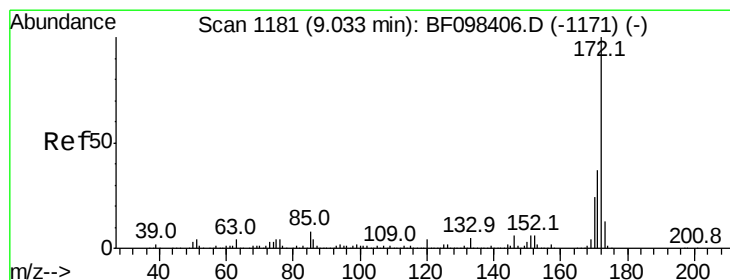
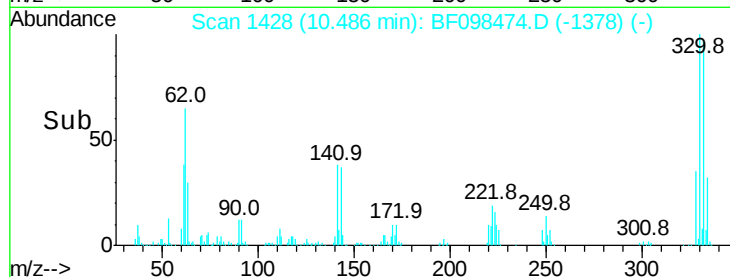
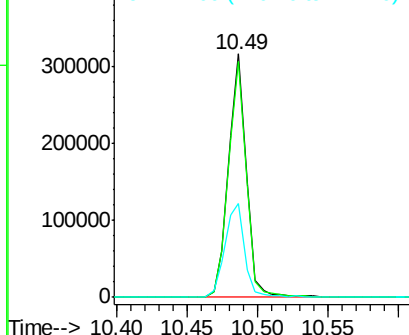
#41
 2,4,6-Tribromophenol
 Concen: 130.709 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Instrument :
 BNA_F
 ClientSampleId :
 PB102225TB

Tot Ion:330 Resp: 278433
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 42.8 31.4 47.2

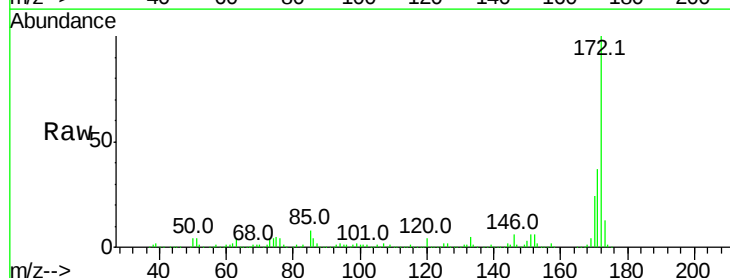


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

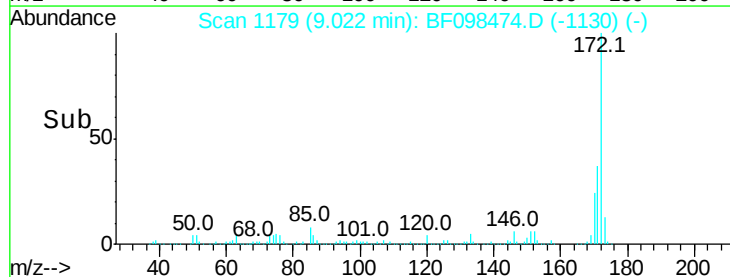
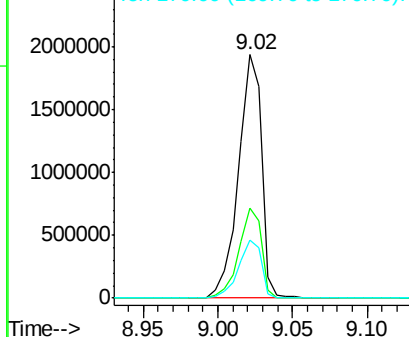


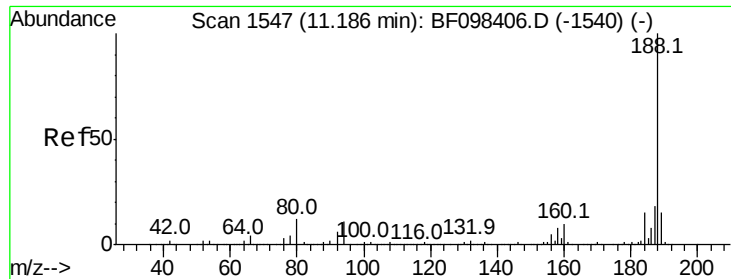
#44
 2-Fluorobiphenyl
 Concen: 111.289 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098474.D
 Acq: 13 Sep 2017 2:49

Tgt Ion:172 Resp: 2095647
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.9 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

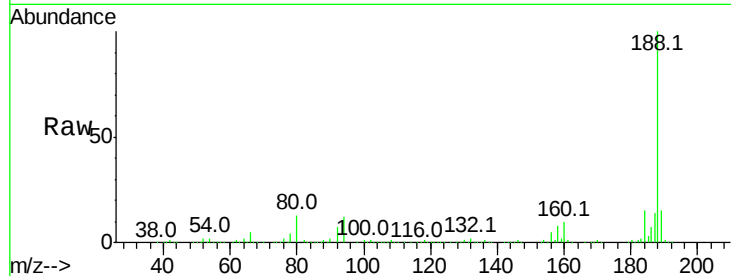




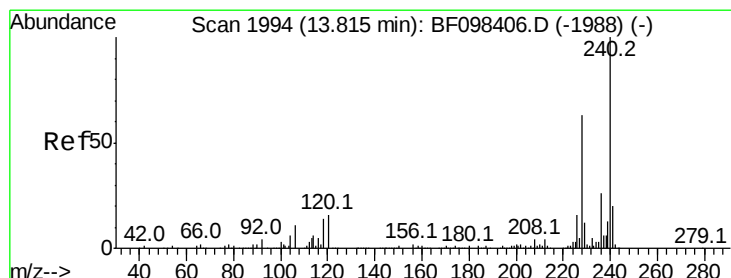
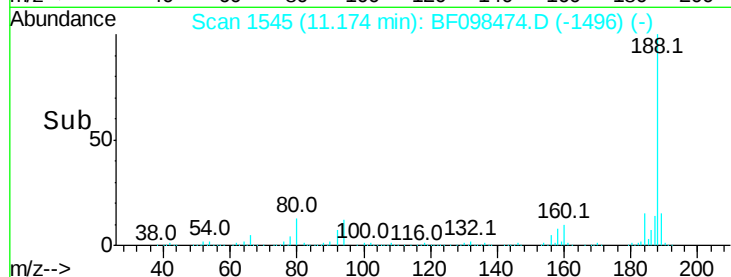
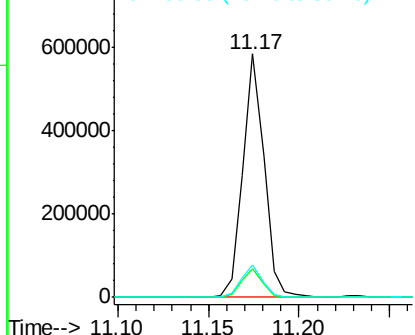
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

Instrument :
BNA_F
ClientSampleId :
PB102225TB

Tot Ion:188 Resp: 478511
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 13.3 10.2 15.2

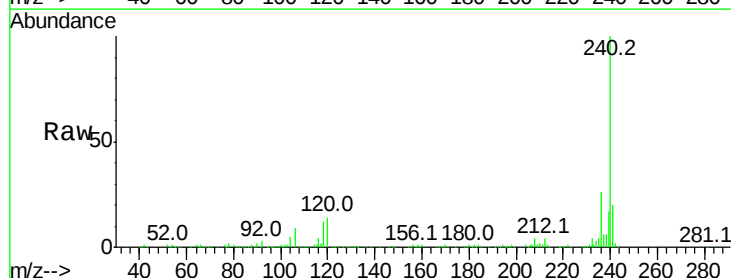


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

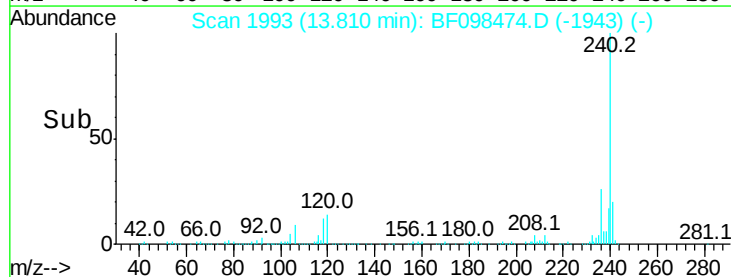
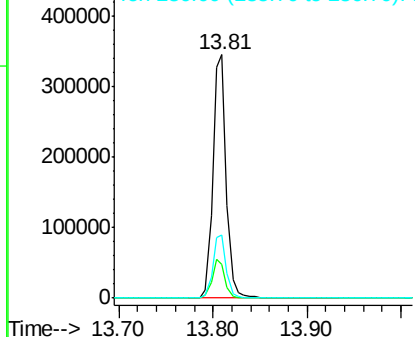


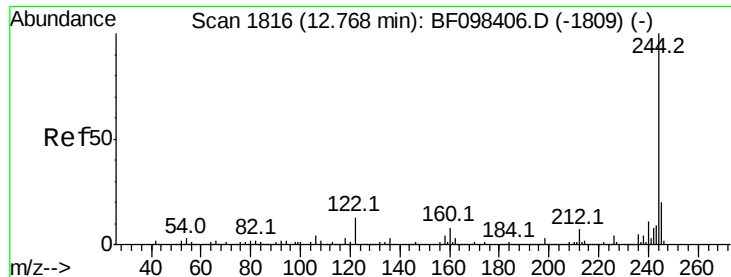
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098474.D
Acq: 13 Sep 2017 2:49

Tgt Ion:240 Resp: 346550
Ion Ratio Lower Upper
240 100
120 13.6 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: 84.234 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

Instrument :

BNA_F

ClientSampleId :

PB102225TB

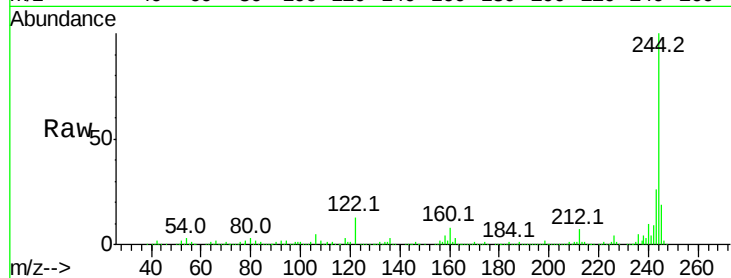
Tot Ion:244 Resp: 1352417

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

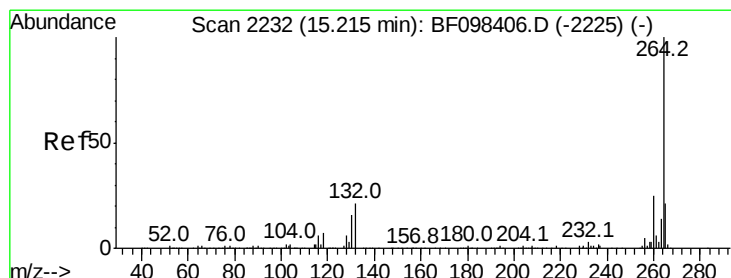
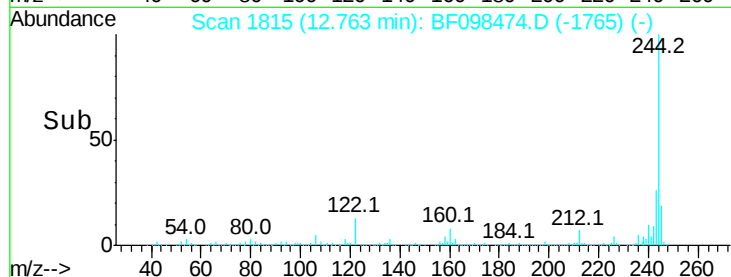
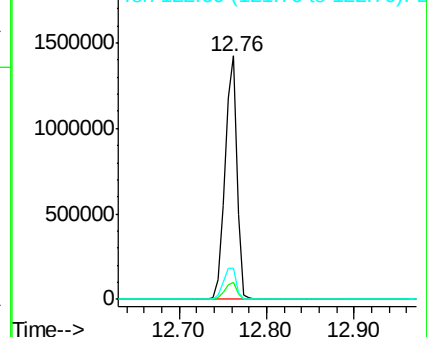
122 13.0 10.3 15.5



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: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098474.D

Acq: 13 Sep 2017 2:49

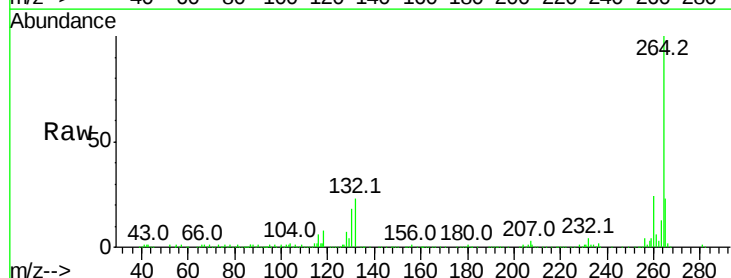
Tgt Ion:264 Resp: 254669

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.9 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

