

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098276.D
 Acq On : 6 Sep 2017 16:54
 Operator : SJ/JU
 Sample : PB102074BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Quant Time: Sep 07 13:43:19 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	6.69	152	106612	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	424799	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	196135	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	419463	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	408838	20.00	ng	-0.02
86) Perylene-d12	15.25	264	352021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	958161	136.70	ng	0.00
7) Phenol-d6	6.34	99	1295203	136.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	804634	102.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	285987	168.05	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1246262	93.35	ng	-0.01
78) Terphenyl-d14	12.80	244	1259116	64.22	ng	0.00

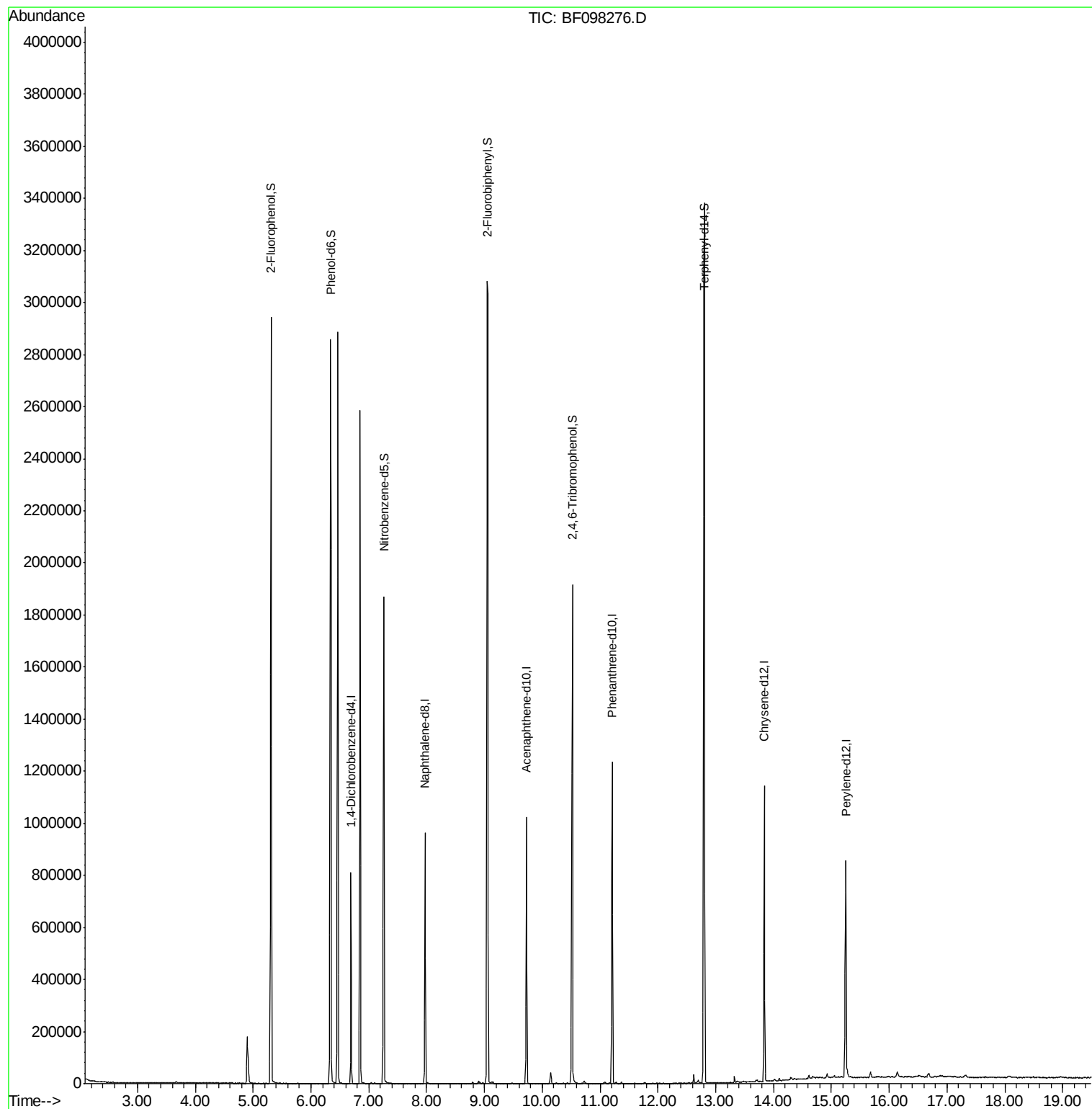
Target Compounds Qvalue

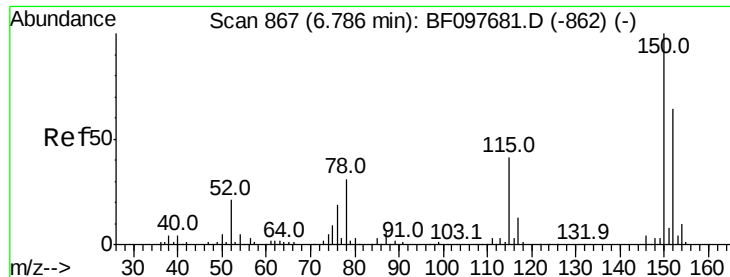
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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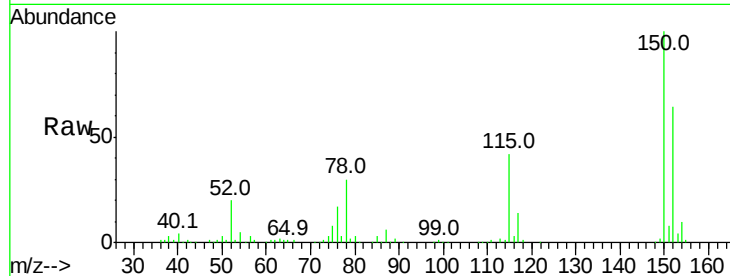


#1

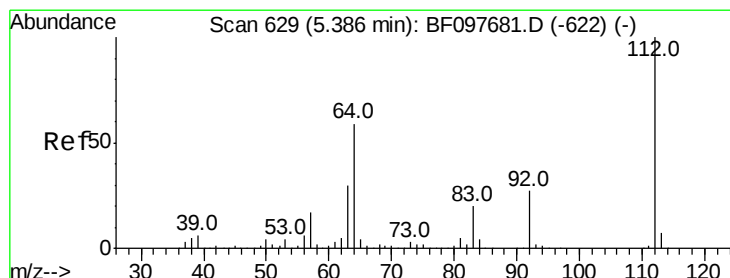
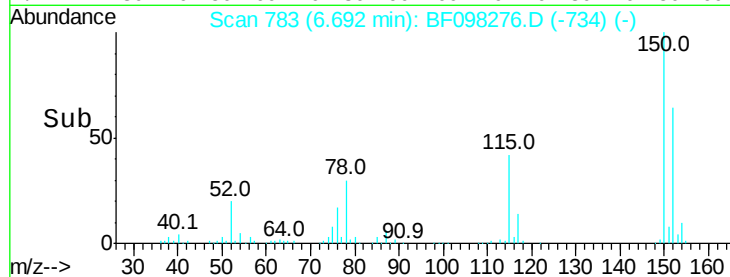
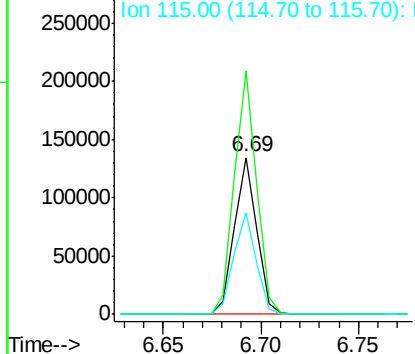
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Tot Ion:152 Resp: 106612
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.2 189.2
 115 65.0 52.2 78.2



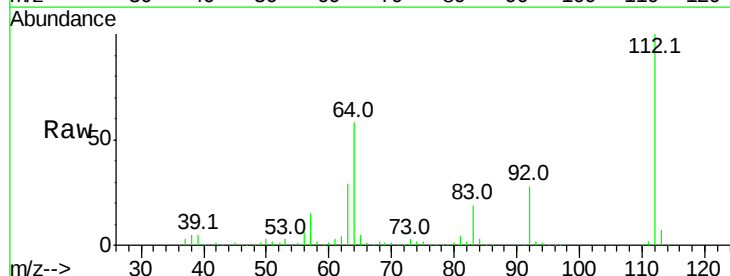
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



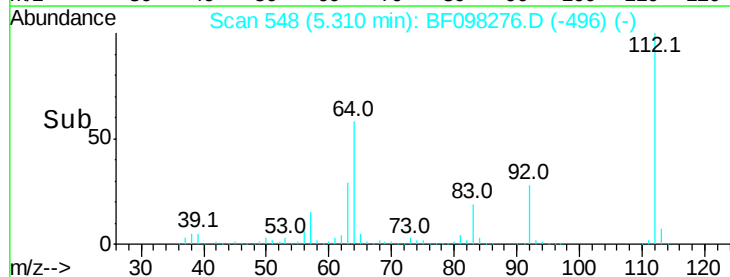
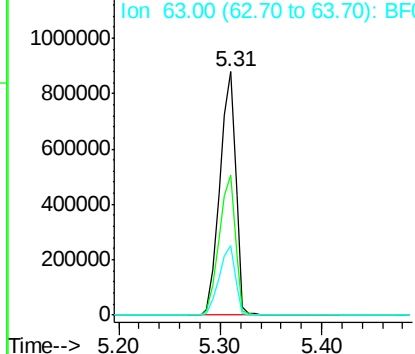
#5

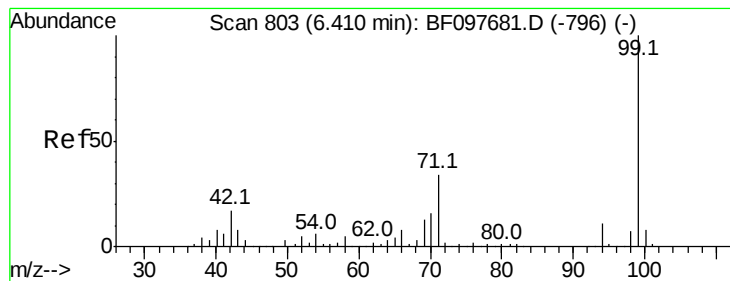
2-Fluorophenol
 Concen: 136.704 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion:112 Resp: 958161
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 28.7 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: 136.005 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampled :

PB102074BL

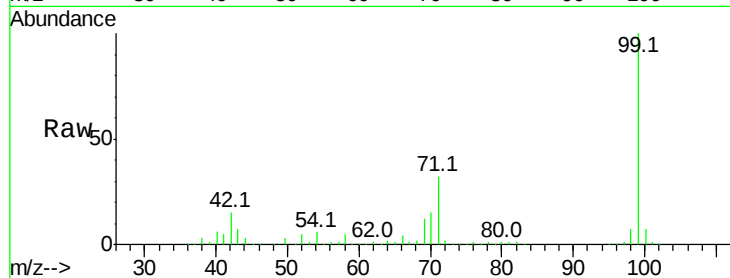
Tot Ion: 99 Resp: 1295203

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

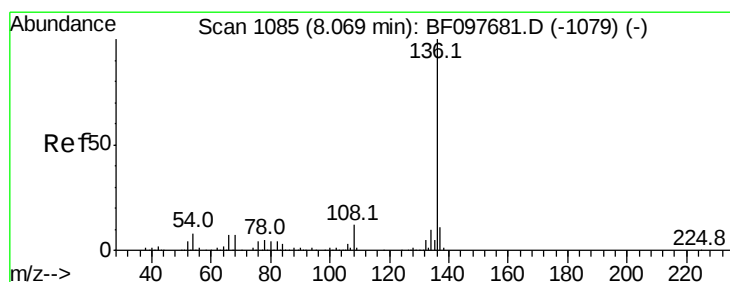
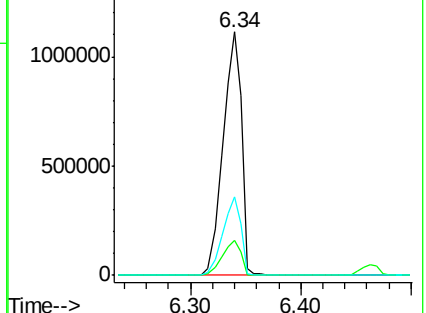
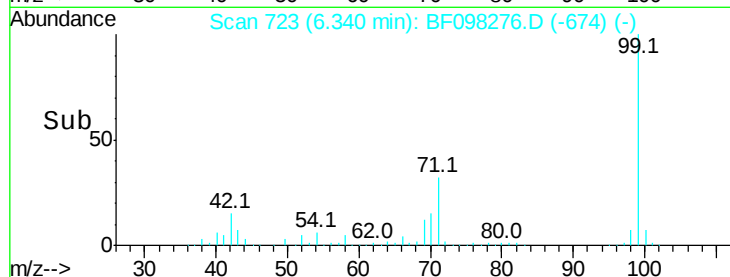
71 32.2 24.5 36.7



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Tgt Ion: 136 Resp: 424799

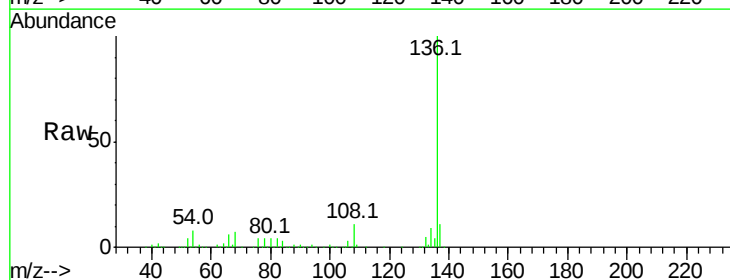
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.7 4.9 7.3#

68 7.2 4.1 6.1#

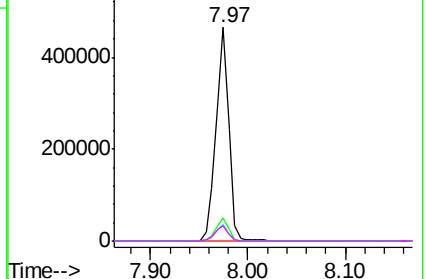
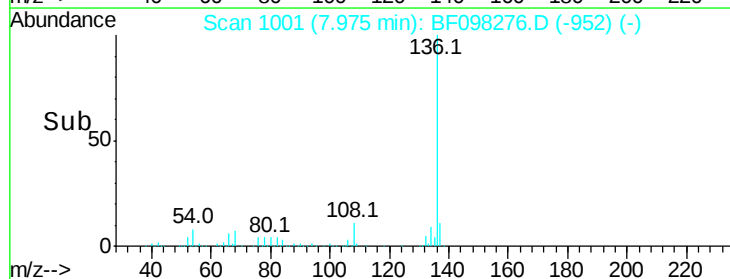


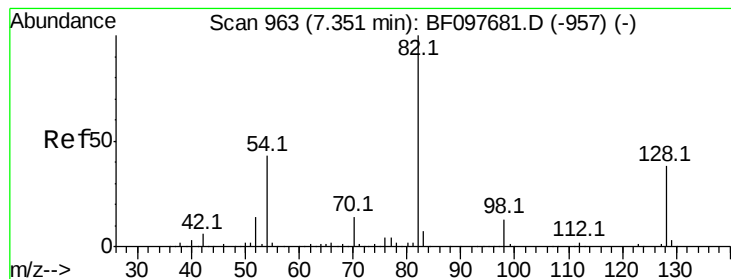
Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.899 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampleId :

PB102074BL

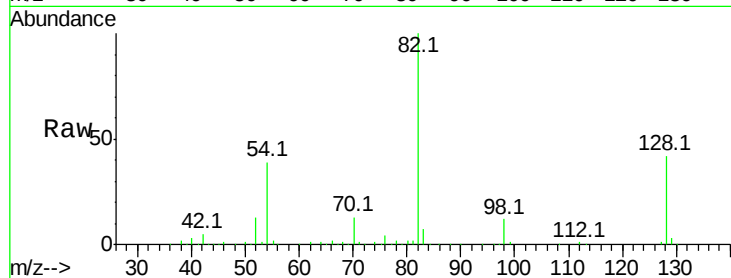
Tot Ion: 82 Resp: 804634

Ion Ratio Lower Upper

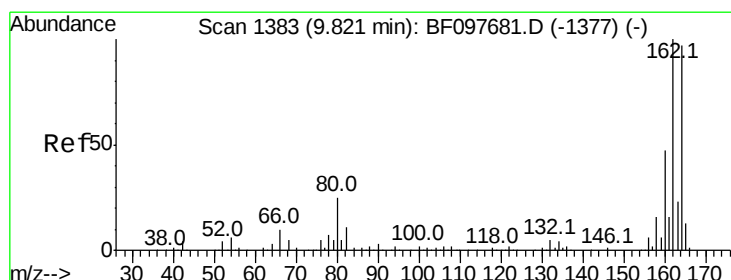
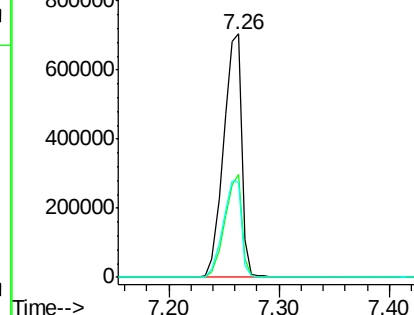
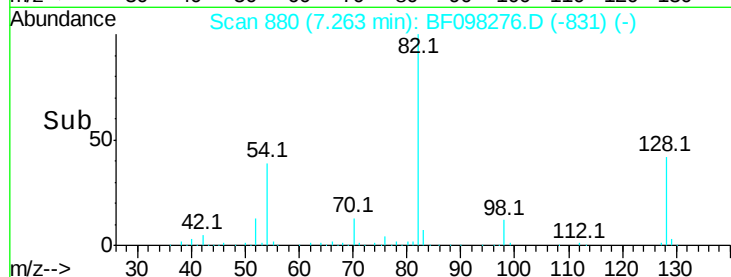
82 100

128 42.5 34.0 51.0

54 39.3 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# 1299

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

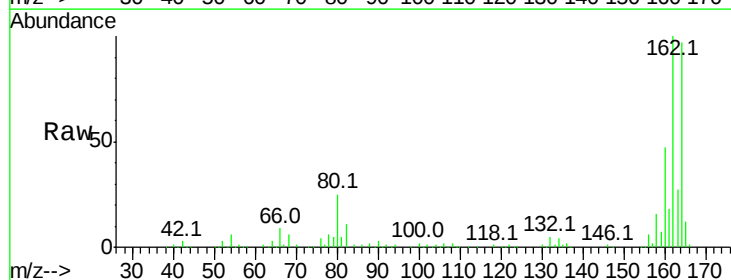
Tgt Ion:164 Resp: 196135

Ion Ratio Lower Upper

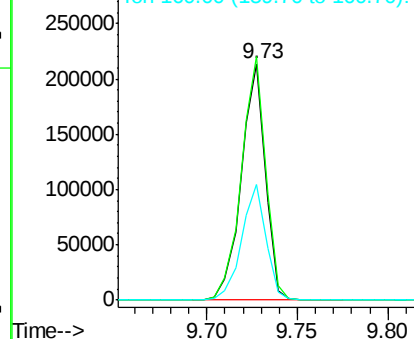
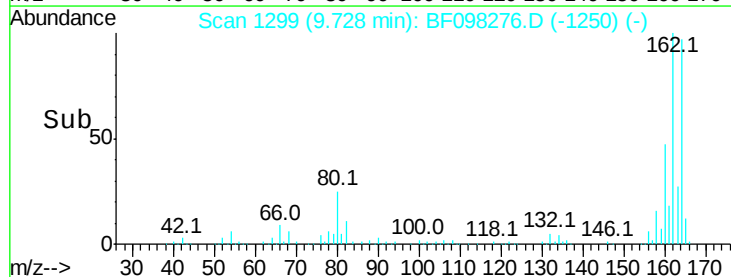
164 100

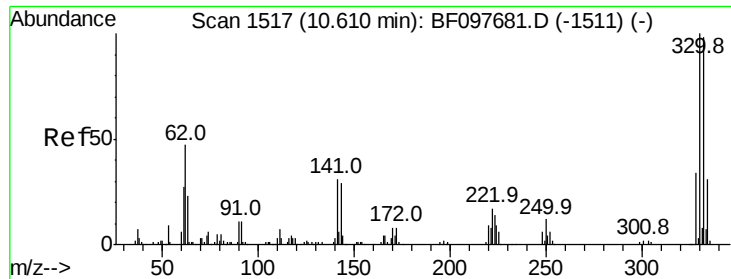
162 103.1 82.6 123.8

160 49.0 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

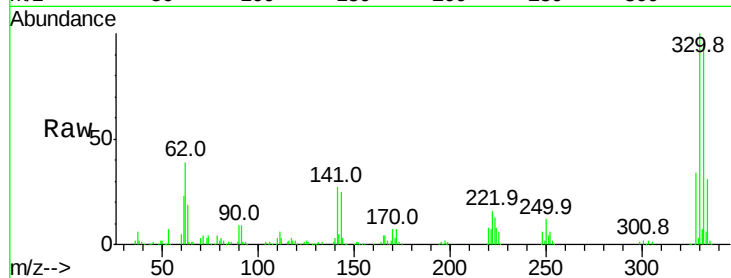




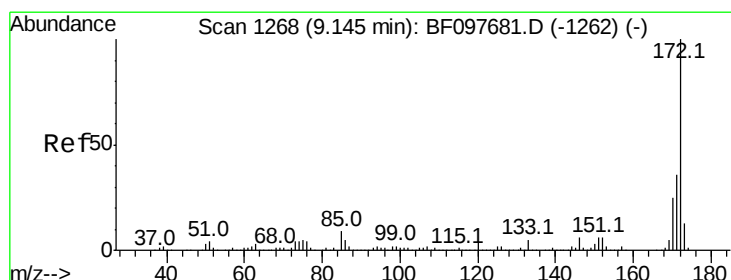
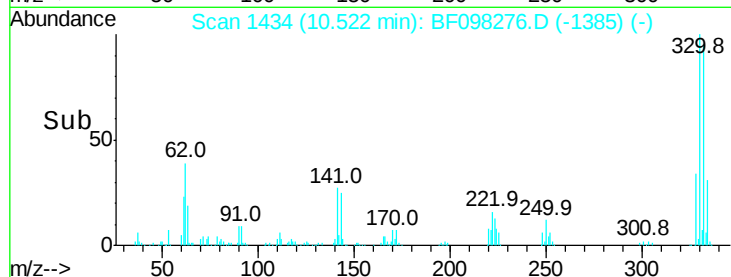
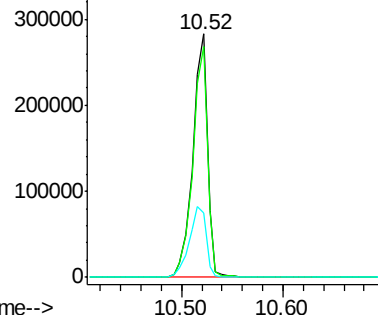
#41
 2,4,6-Tribromophenol
 Concen: 168.051 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB102074BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	33.3	31.4	47.2

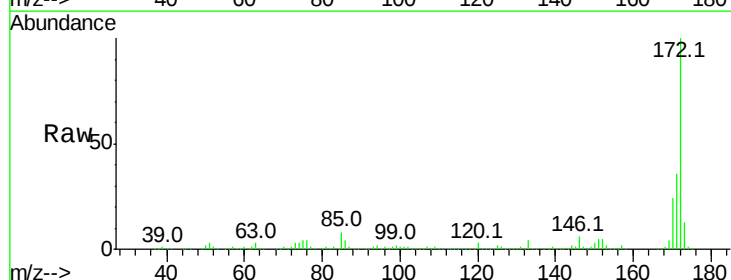


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

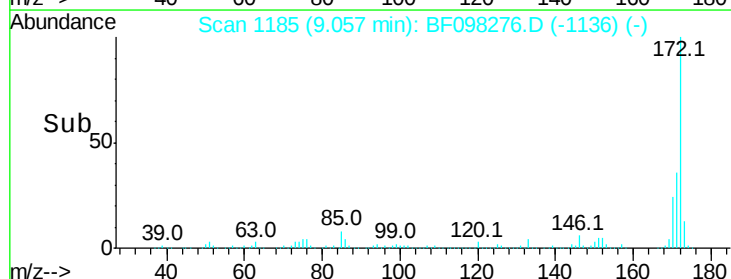
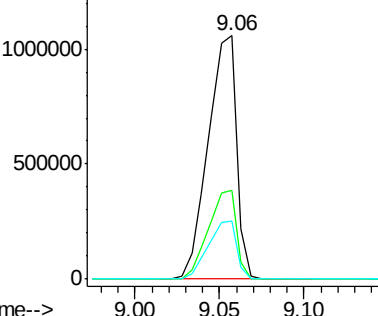


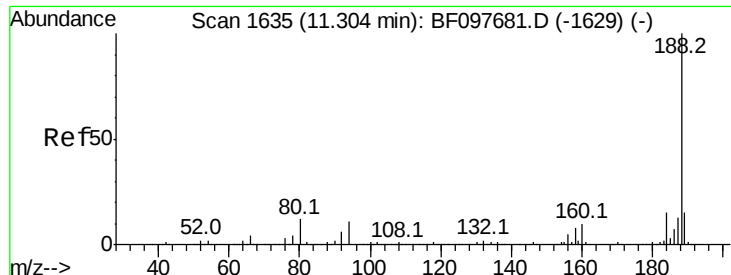
#44
 2-Fluorobiphenyl
 Concen: 93.355 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098276.D
 Acq: 6 Sep 2017 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	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

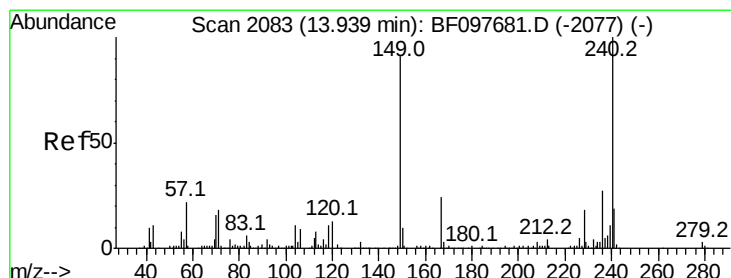
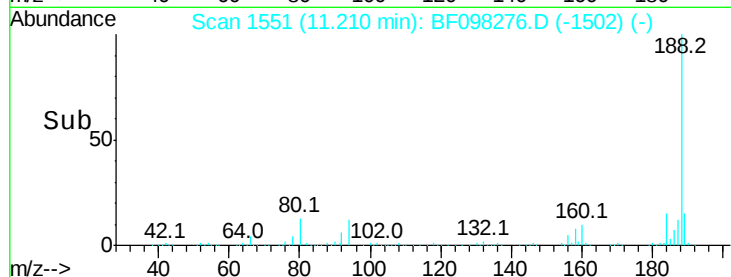
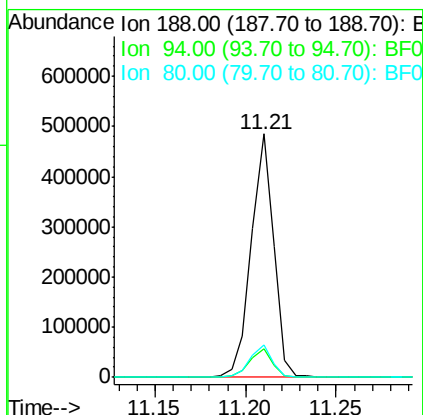
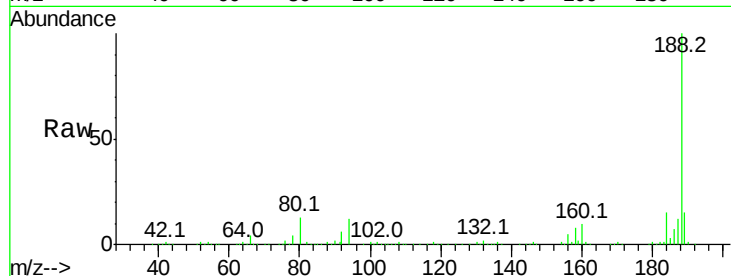




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

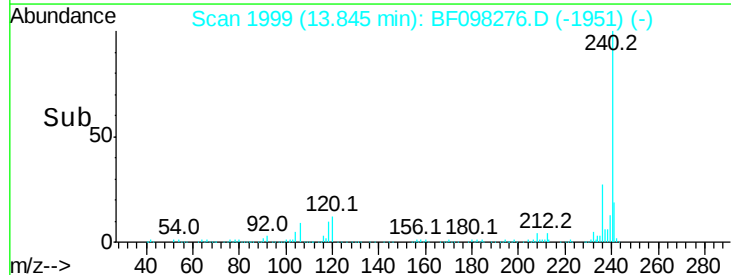
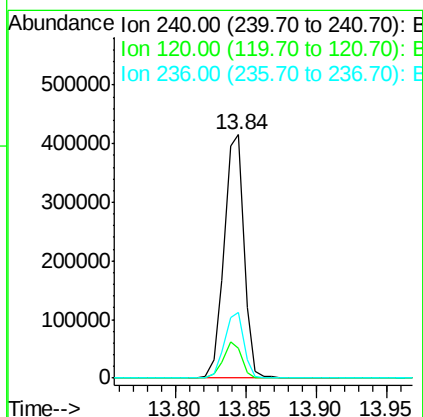
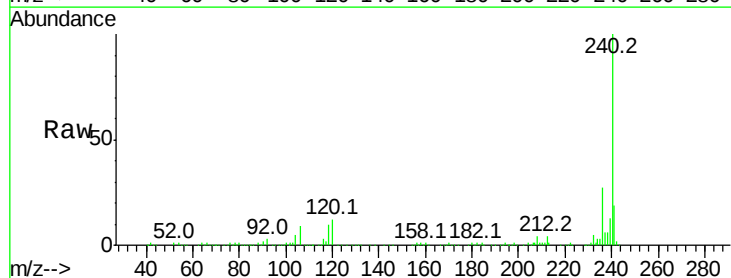
Instrument :
BNA_F
ClientSampleId :
PB102074BL

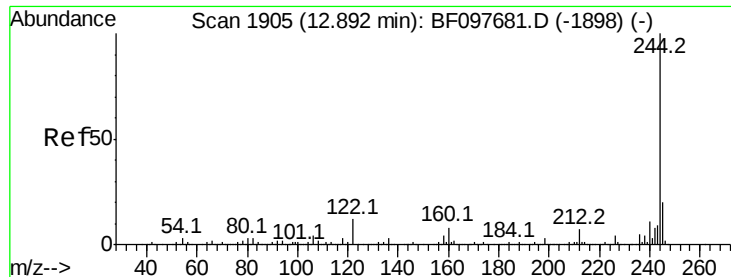
Tot Ion:188 Resp: 419463
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 13.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098276.D
Acq: 6 Sep 2017 16:54

Tgt Ion:240 Resp: 408838
Ion Ratio Lower Upper
240 100
120 12.5 5.8 8.8#
236 26.8 20.5 30.7





#78

Terphenyl-d14

Concen: 64.223 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

Instrument :

BNA_F

ClientSampled :

PB102074BL

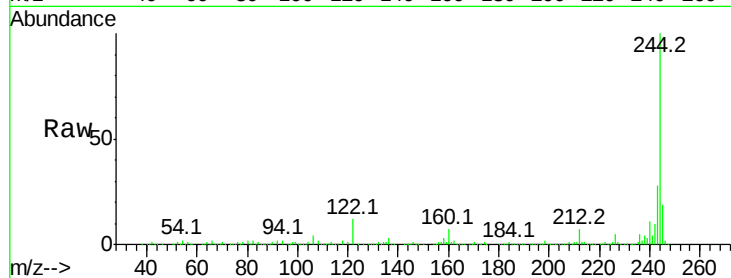
Tot Ion:244 Resp: 1259116

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

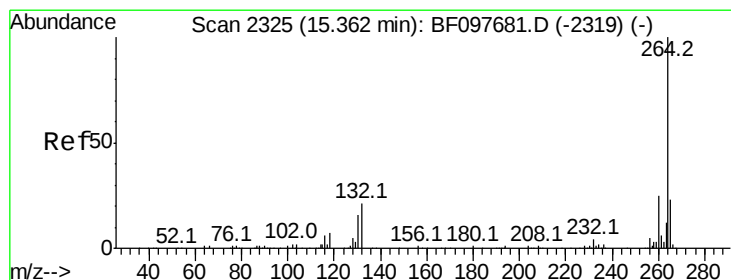
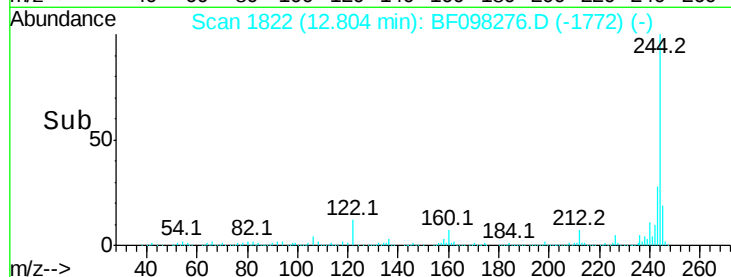
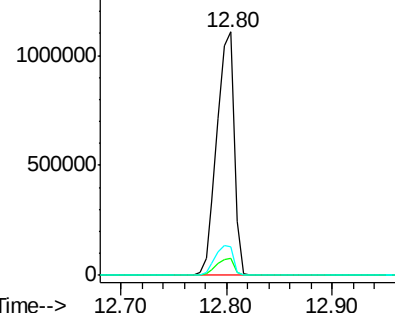
122 11.5 10.3 15.5



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098276.D

Acq: 6 Sep 2017 16:54

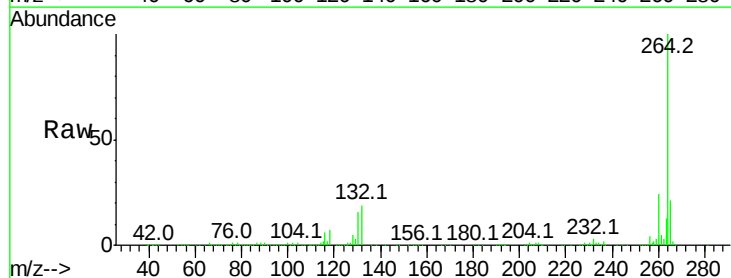
Tgt Ion:264 Resp: 352021

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.0 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

