

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098302.D
 Acq On : 7 Sep 2017 5:32
 Operator : SJ/JU
 Sample : PB102084BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Quant Time: Sep 07 07:41:10 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	6.70	152	100498	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	378472	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	144588	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	238690	20.00	ng	0.00
75) Chrysene-d12	13.84	240	206594	20.00	ng	-0.02
86) Perylene-d12	15.26	264	139516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	538940	81.57	ng	0.00
7) Phenol-d6	6.34	99	706756	78.73	ng	-0.01
23) Nitrobenzene-d5	7.26	82	598018	85.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	88543	70.58	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	900881	91.54	ng	-0.01
78) Terphenyl-d14	12.80	244	631162	63.71	ng	-0.01

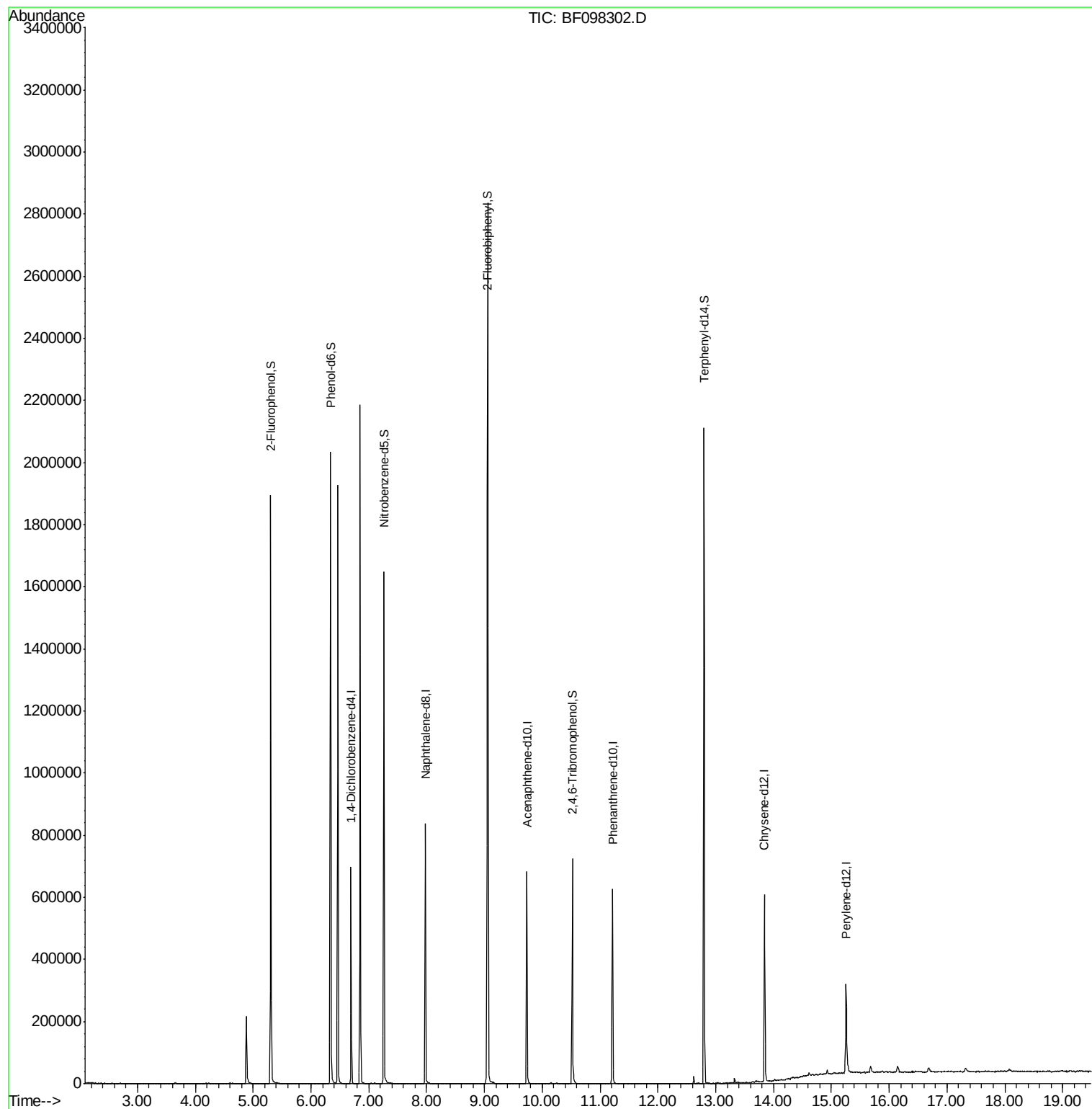
Target Compounds Qvalue

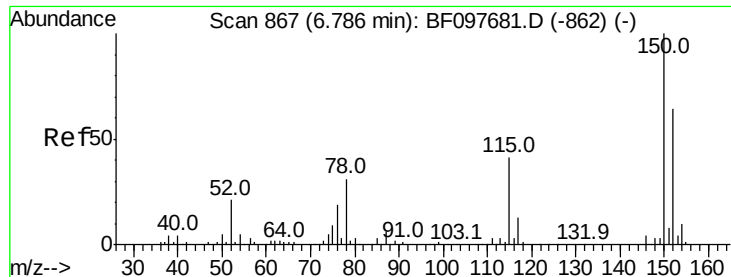
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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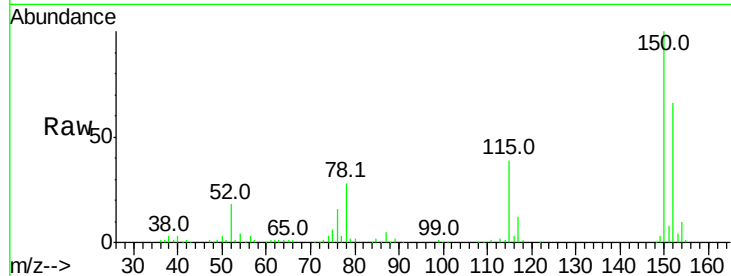


#1

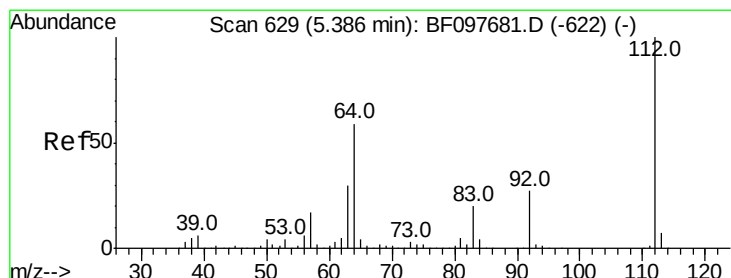
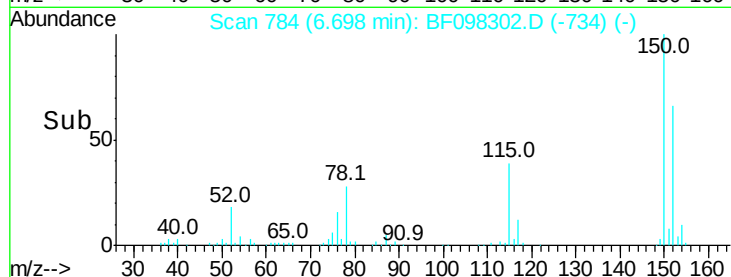
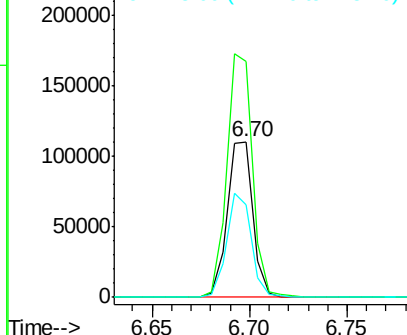
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Tot Ion:152 Resp: 100498
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.2 189.2
 115 59.7 52.2 78.2



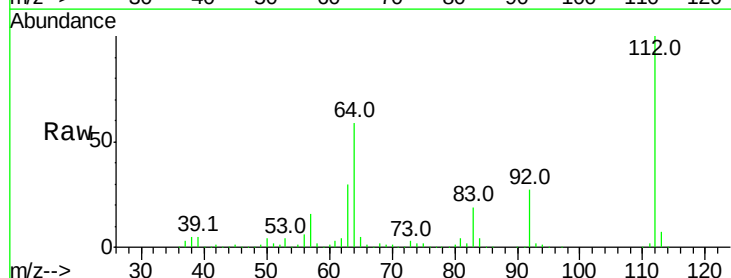
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



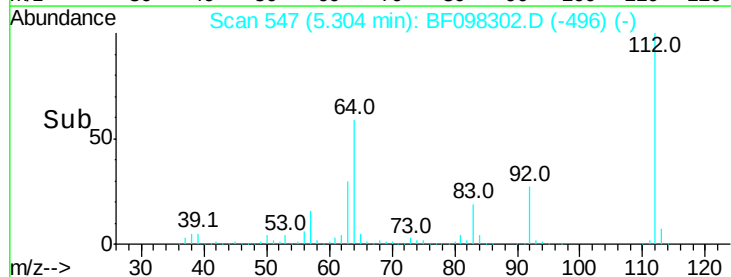
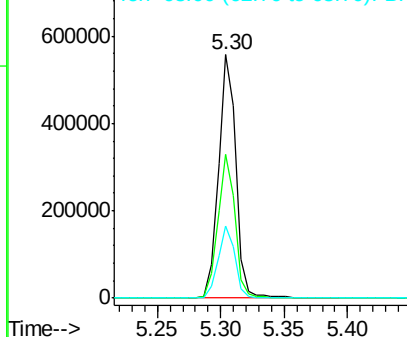
#5

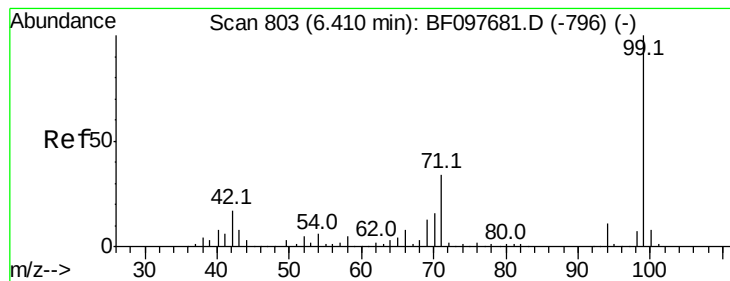
2-Fluorophenol
 Concen: 81.571 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:112 Resp: 538940
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.0 69.0
 63 29.7 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: 78.729 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

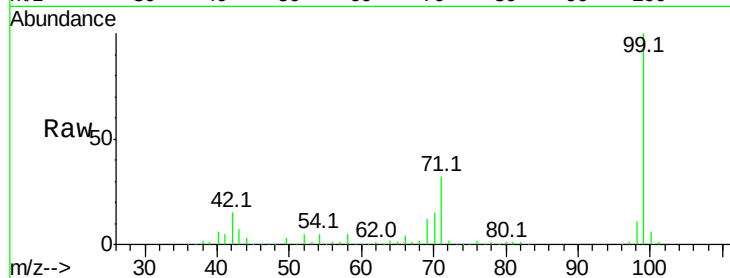
Tot Ion: 99 Resp: 706756

Ion Ratio Lower Upper

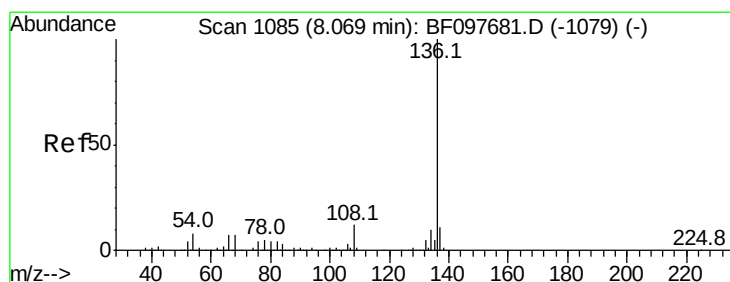
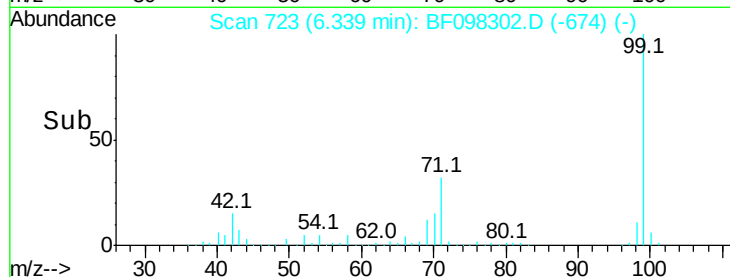
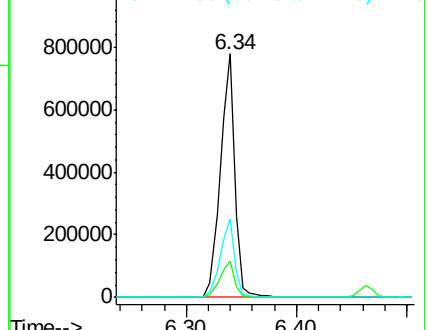
99 100

42 14.8 13.5 20.3

71 32.0 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Tgt Ion: 136 Resp: 378472

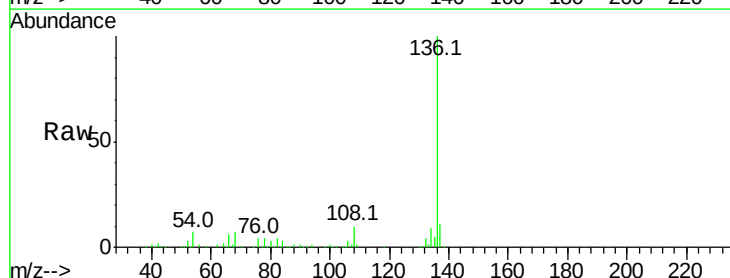
Ion Ratio Lower Upper

136 100

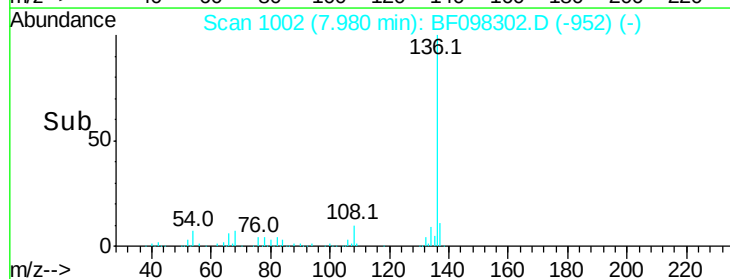
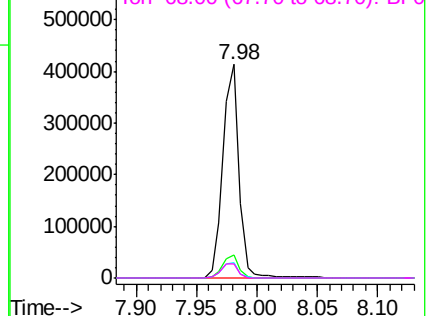
137 11.1 8.5 12.7

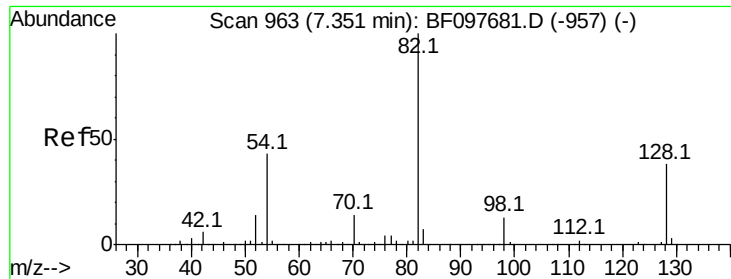
54 7.1 4.9 7.3

68 6.8 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

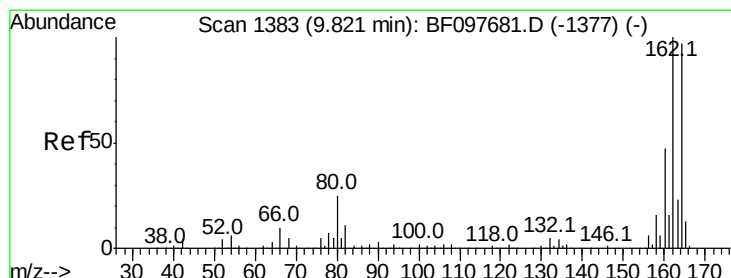
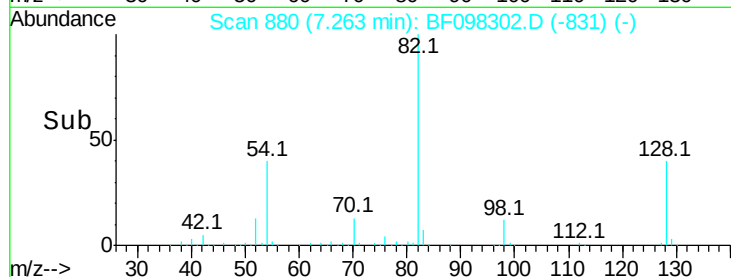
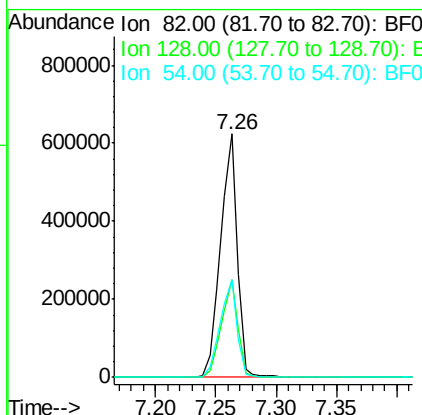
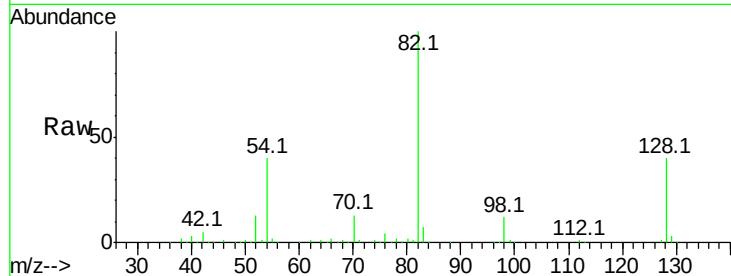




#23
 Nitrobenzene-d5
 Concen: 85.837 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

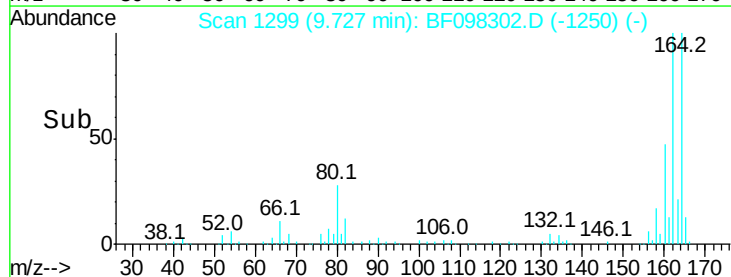
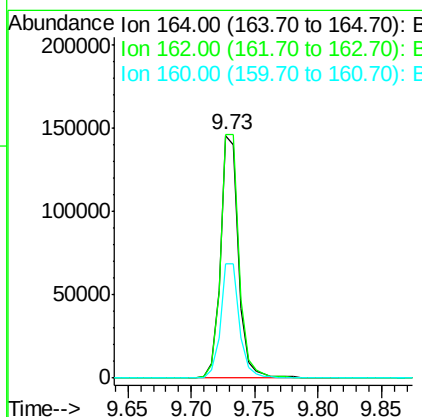
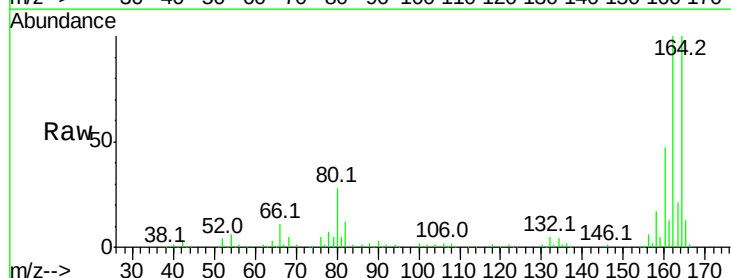
Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

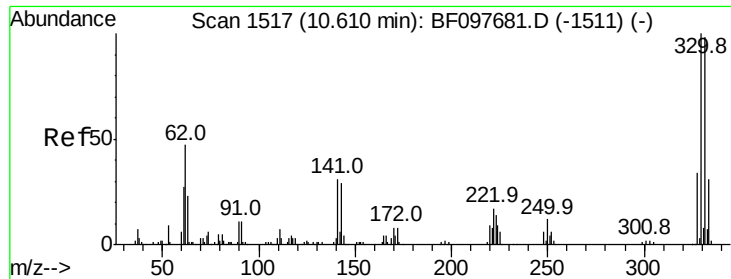
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.0	51.0
54	40.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	47.2	36.2	54.2

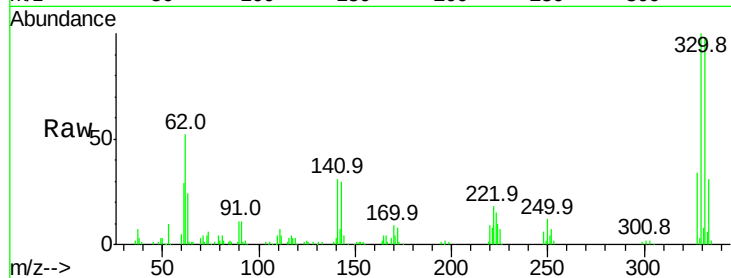




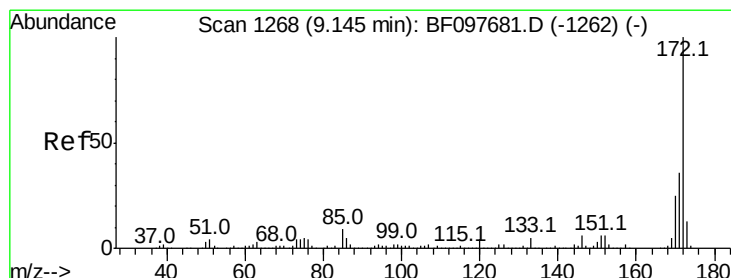
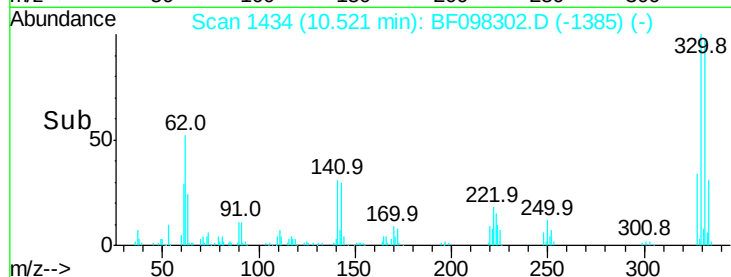
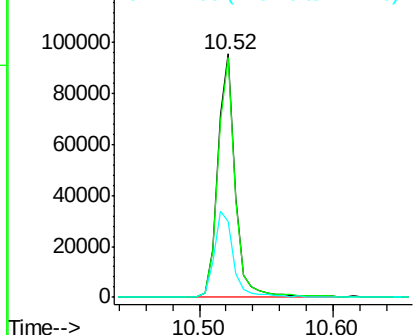
#41
 2,4,6-Tribromophenol
 Concen: 70.578 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Tot Ion:330 Resp: 88543
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.5 31.4 47.2

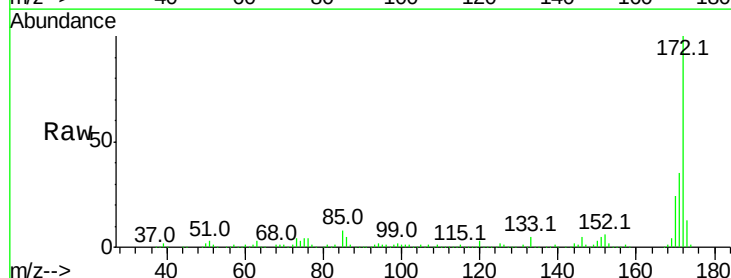


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

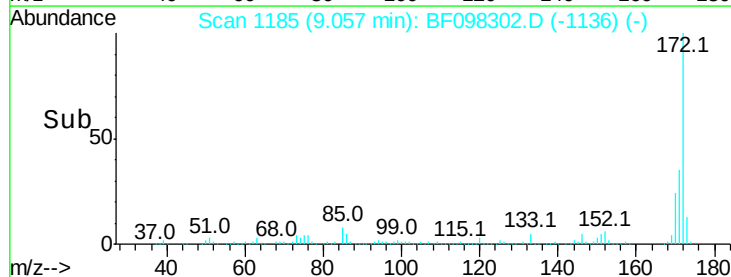
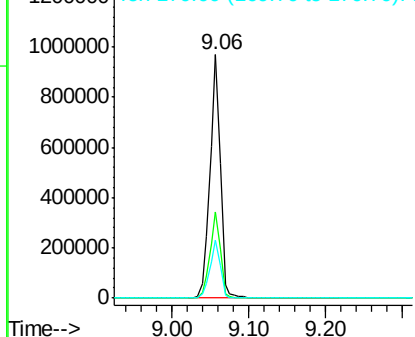


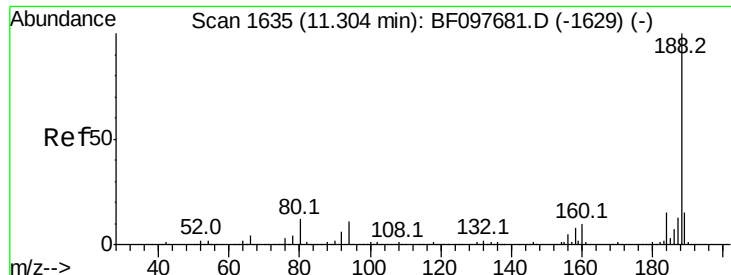
#44
 2-Fluorobiphenyl
 Concen: 91.541 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:172 Resp: 900881
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

Instrument :

BNA_F

ClientSampleId :

PB102084BL

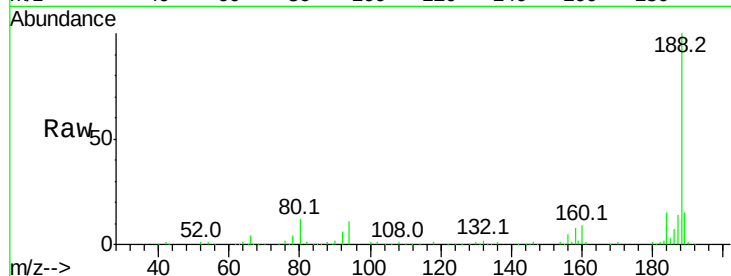
Tot Ion:188 Resp: 238690

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

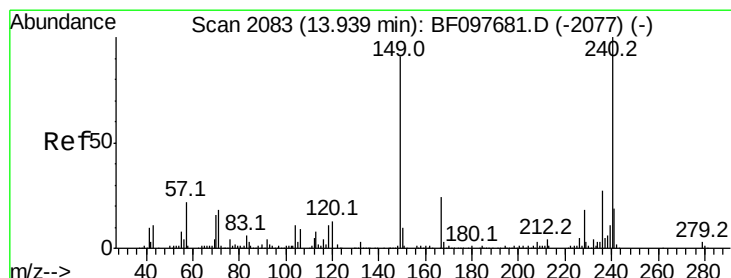
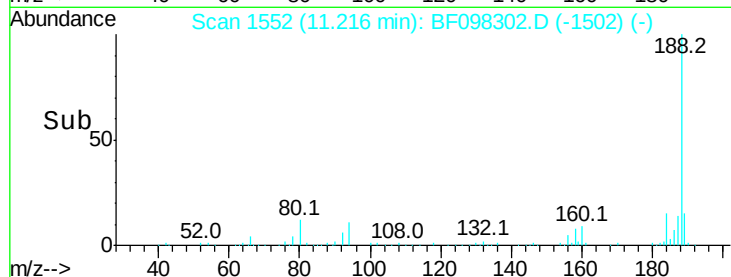
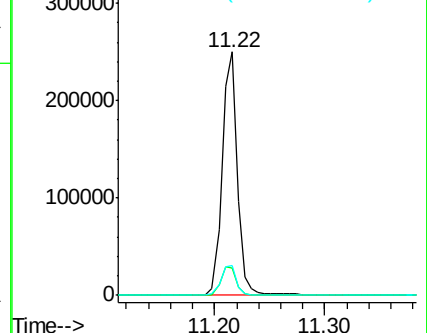
80 12.2 10.2 15.2



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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098302.D

Acq: 7 Sep 2017 5:32

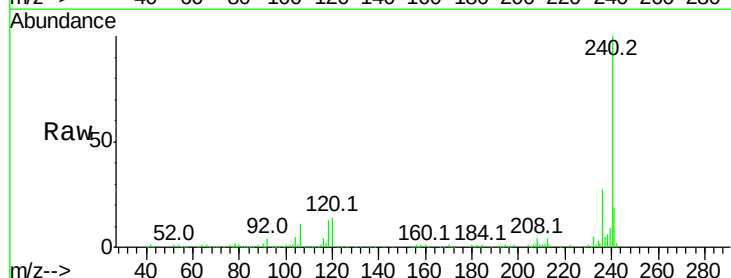
Tgt Ion:240 Resp: 206594

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

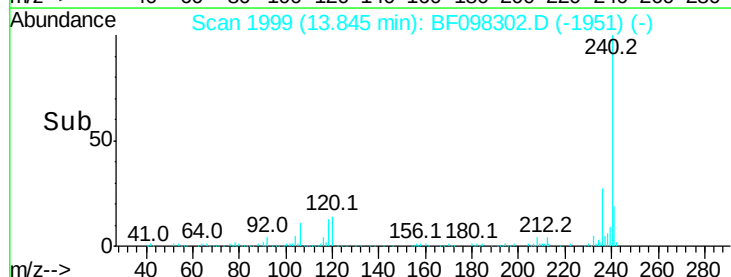
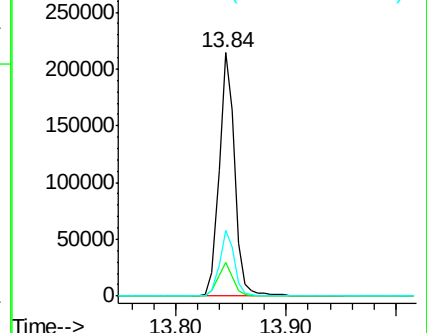
236 26.9 20.5 30.7

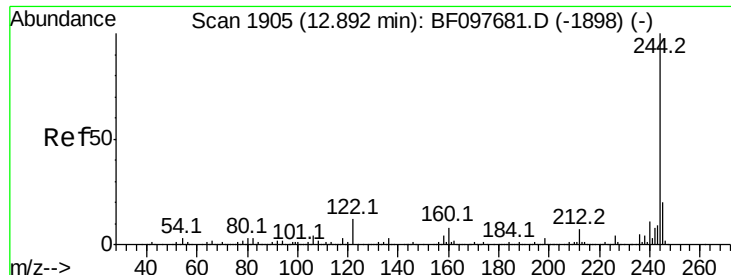


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

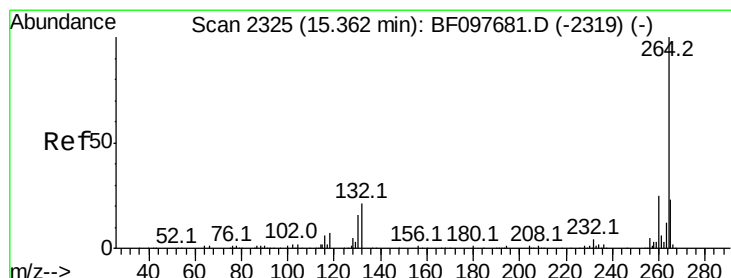
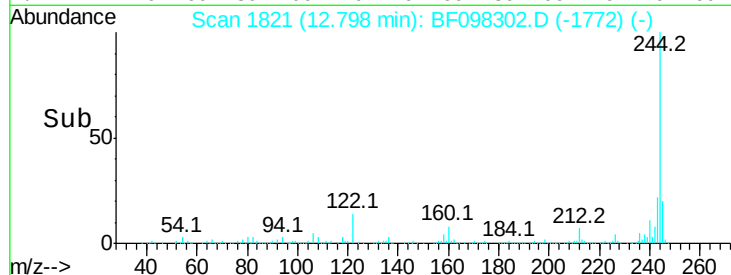
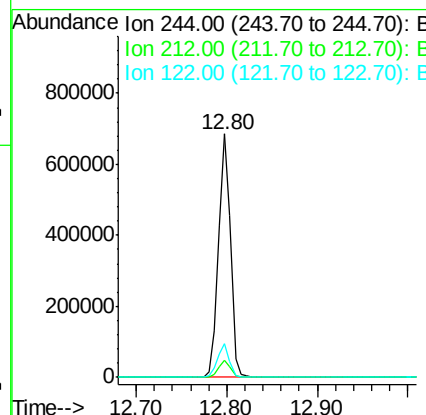
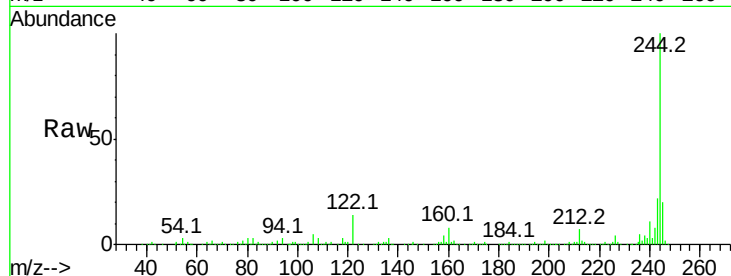




#78
 Terphenyl-d14
 Concen: 63.709 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB102084BL

Tot Ion:244 Resp: 631162
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098302.D
 Acq: 7 Sep 2017 5:32

Tgt Ion:264 Resp: 139516
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 17.2 25.8

