

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050217\
 Data File : BF094835.D
 Acq On : 3 May 2017 14:43
 Operator : SJ/MA
 Sample : I2921-02 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 16:37:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

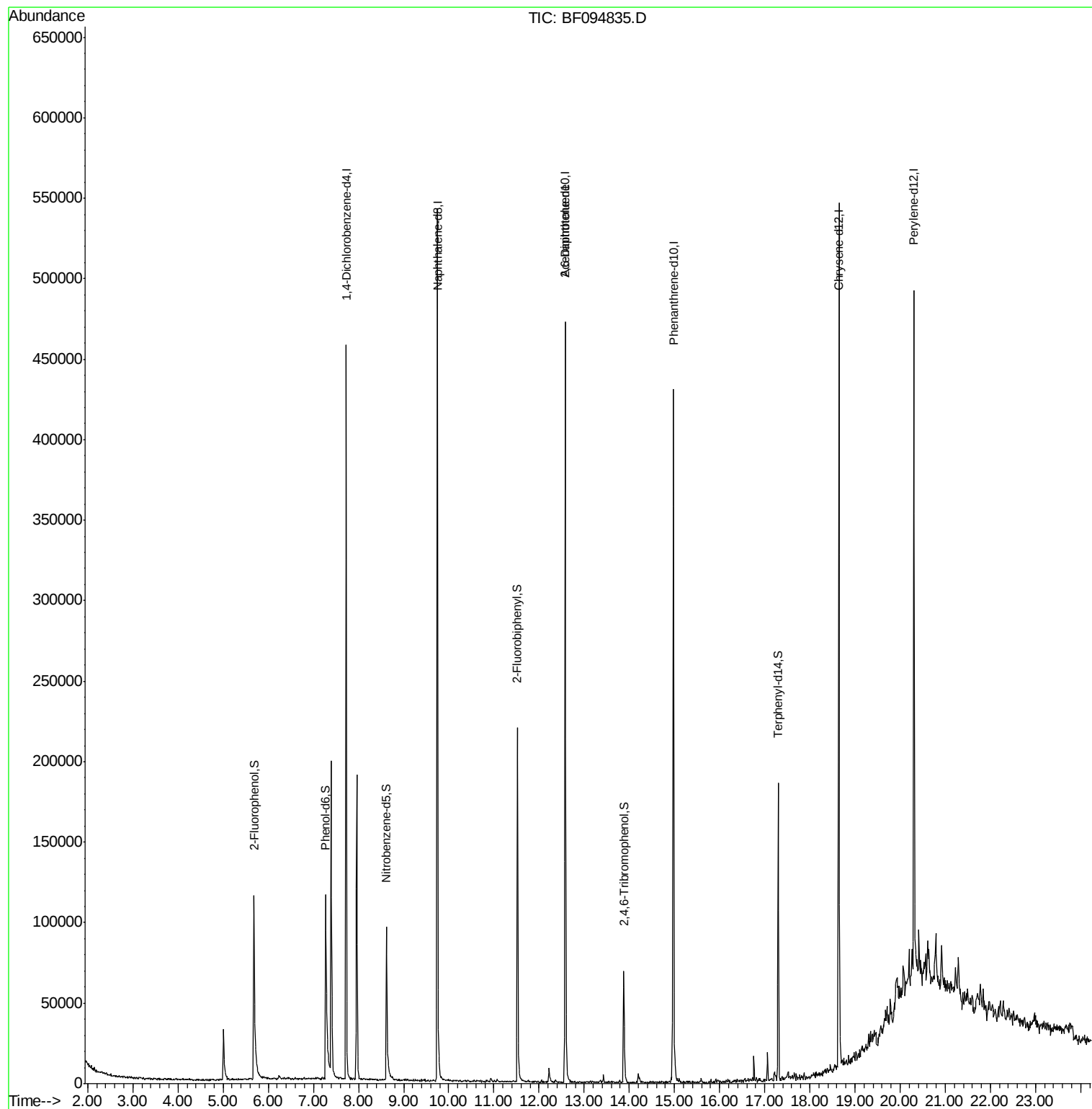
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	93339	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	368805	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	143060	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	228817	20.00	ng	0.00
75) Chrysene-d12	18.64	240	212317	20.00	ng	-0.01
86) Perylene-d12	20.31	264	160381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	76948	13.74	ng	0.00
7) Phenol-d6	7.27	99	102361	15.24	ng	0.00
23) Nitrobenzene-d5	8.62	82	59899	10.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	14915	12.73	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	112052	11.27	ng	-0.01
78) Terphenyl-d14	17.30	244	65729	6.82	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	12.58	165	14442	6.03	ng	Qvalue # 31

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

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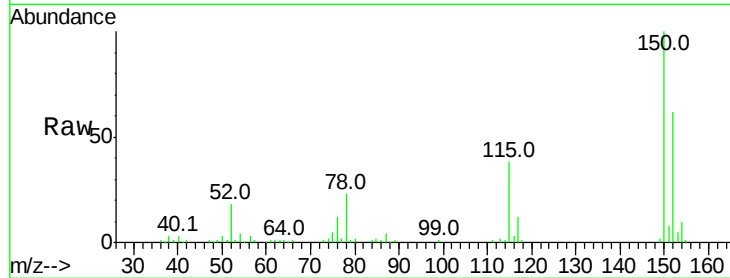


#1

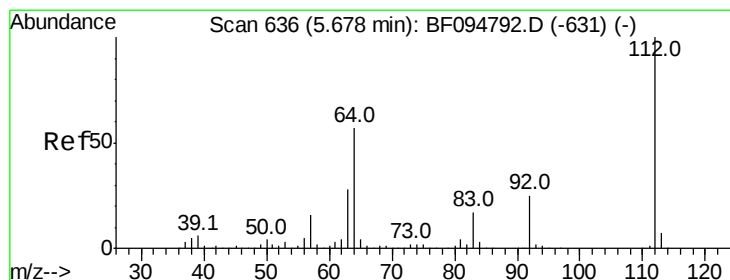
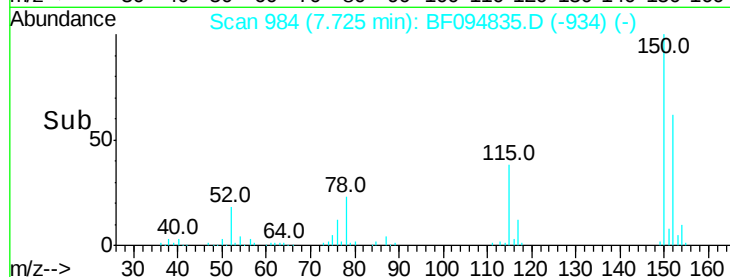
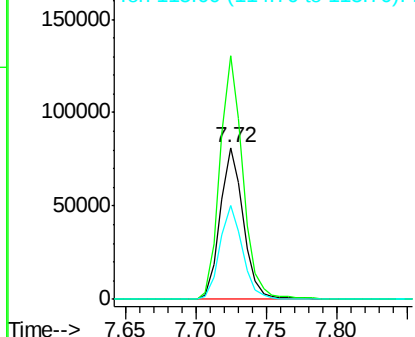
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93339
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.7 52.2 78.2



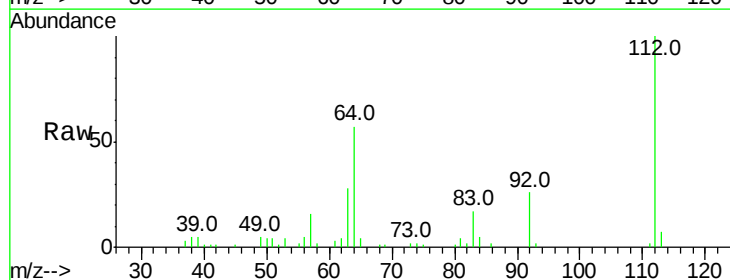
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



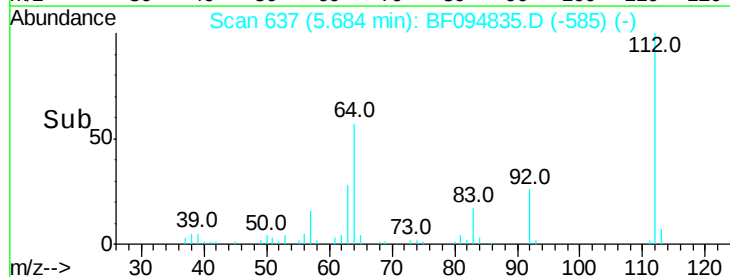
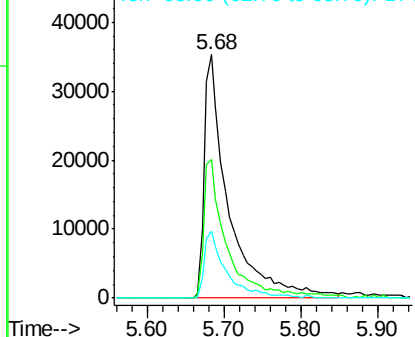
#5

2-Fluorophenol
Concen: 13.74 ng
RT: 5.68 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Tgt Ion:112 Resp: 76948
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 27.7 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: 15.24 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094835.D

Acq: 3 May 2017 14:43

Instrument :

BNA_F

ClientSampleId :

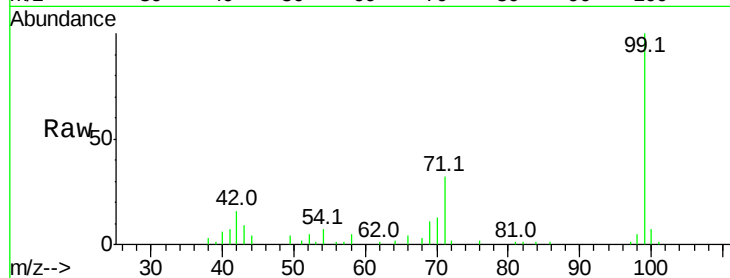
Tot Ion: 99 Resp: 102361

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

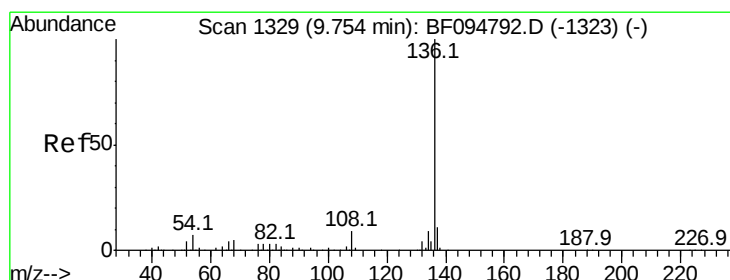
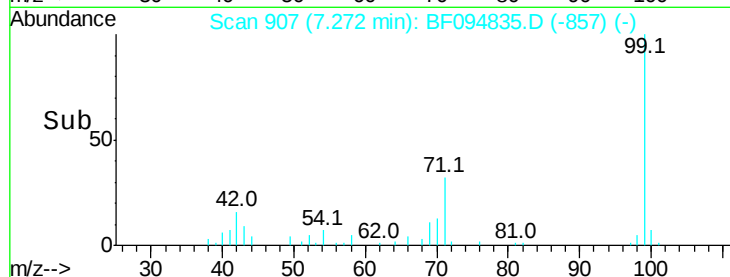
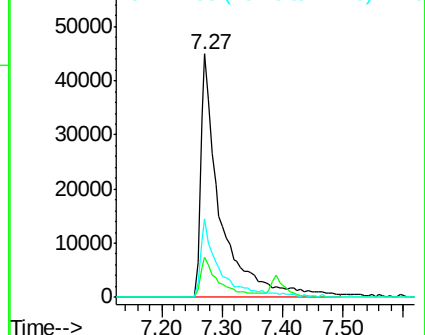
71 32.2 24.5 36.7



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: 20.00 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094835.D

Acq: 3 May 2017 14:43

Tgt Ion: 136 Resp: 368805

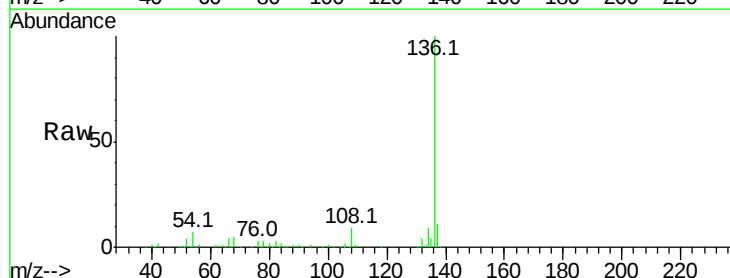
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

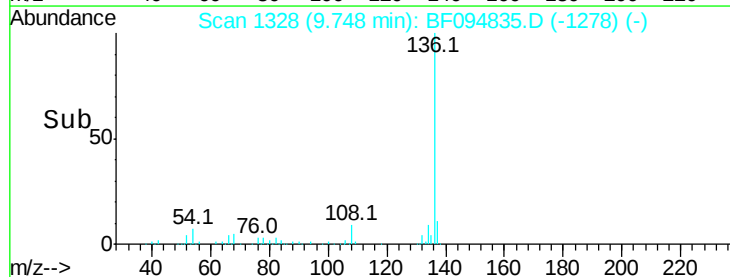
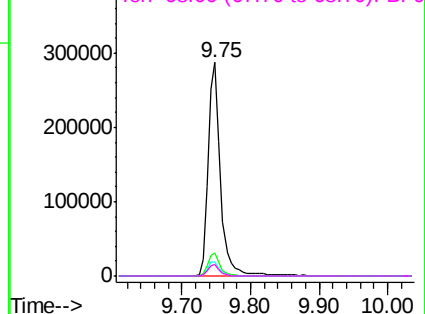


Abundance Ion 136.00 (135.70 to 136.70): E

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

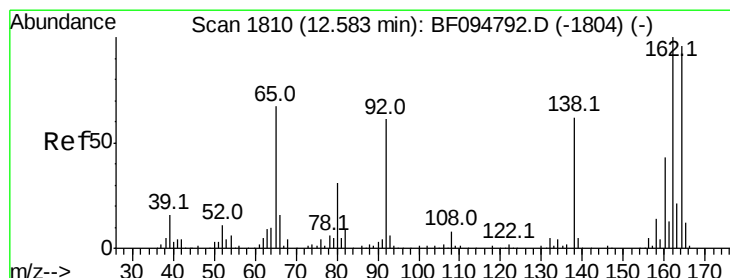
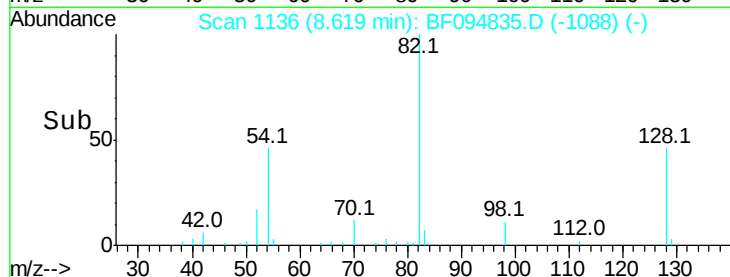
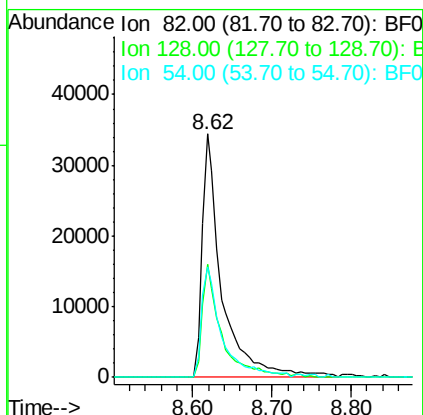
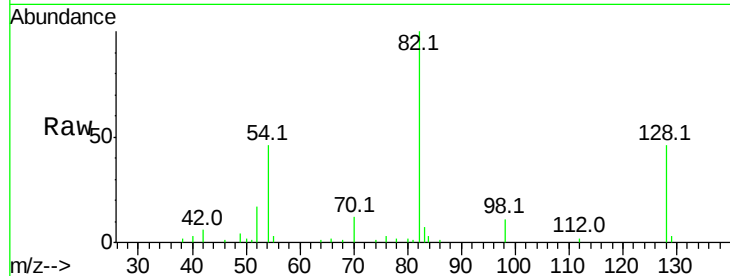




#23
Nitrobenzene-d5
Concen: 10.24 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

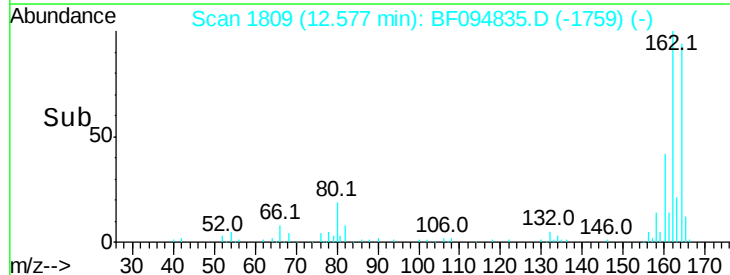
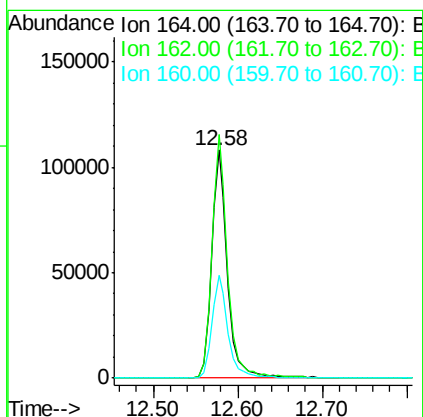
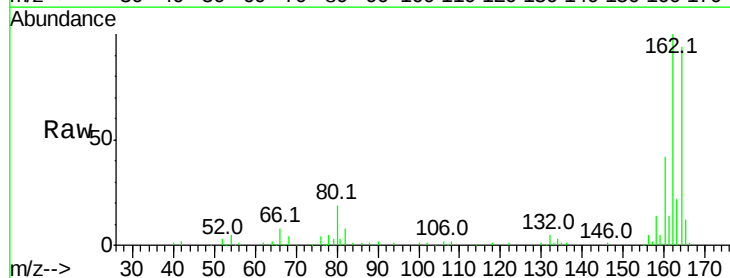
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 59899
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 45.6 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Tgt Ion: 164 Resp: 143060
Ion Ratio Lower Upper
164 100
162 106.9 82.6 123.8
160 45.3 36.2 54.2

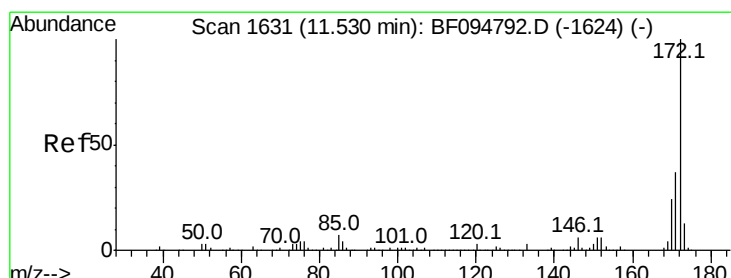
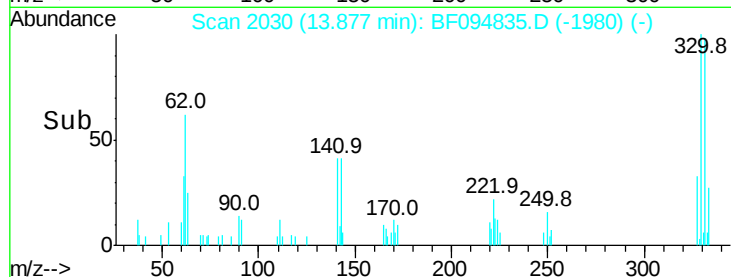
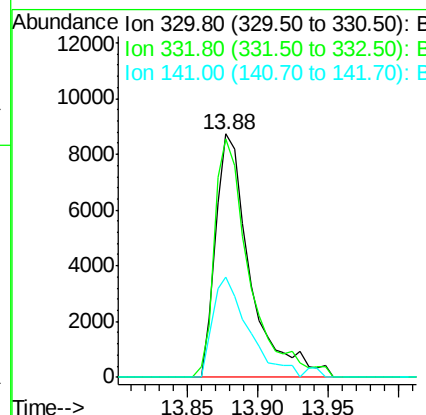
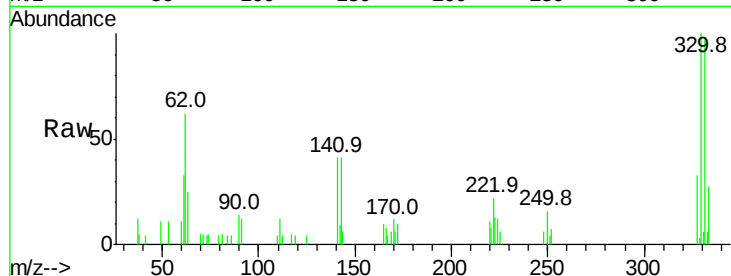




#41
 2,4,6-Tribromophenol
 Concen: 12.73 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

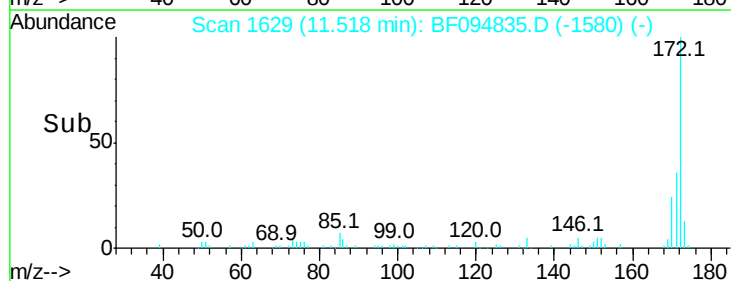
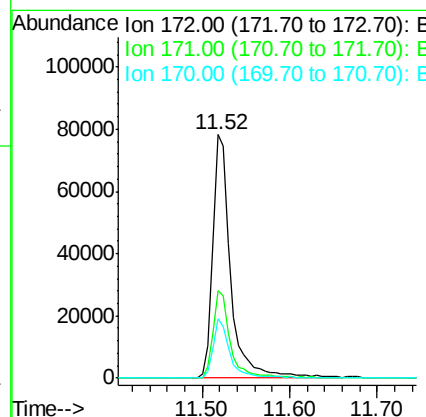
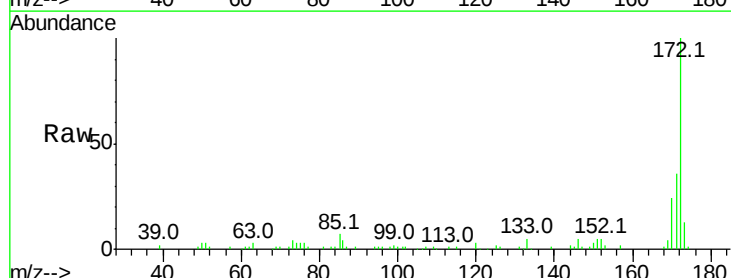
Instrument :
 BNA_F
 ClientSampleId :

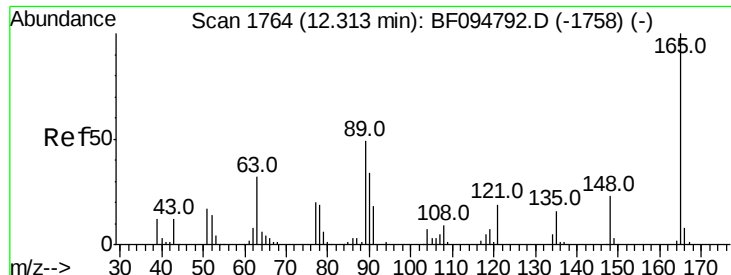
Tot Ion:330 Resp: 14915
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 42.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 11.27 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

Tgt Ion:172 Resp: 112052
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 19.8 29.8

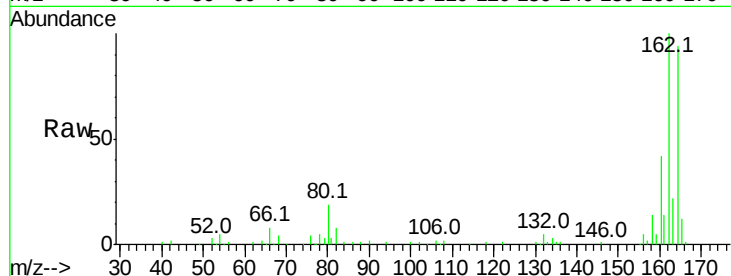




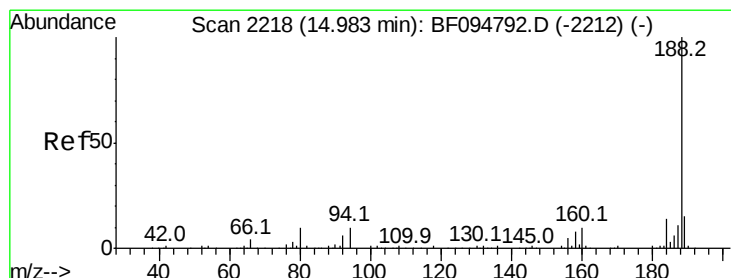
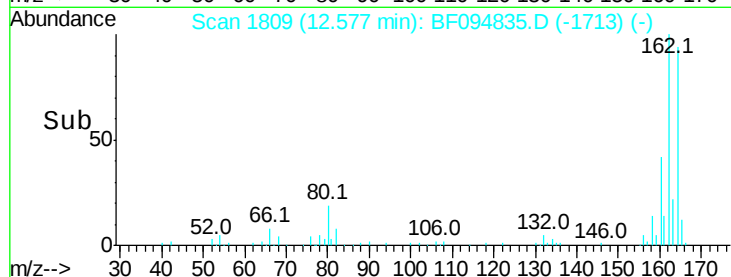
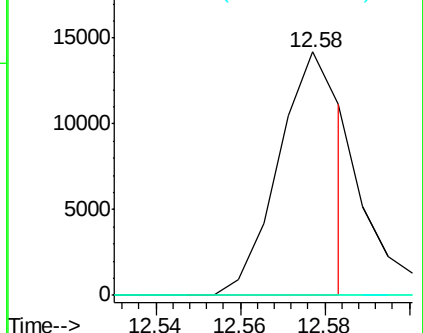
#50
 2,6-Dinitrotoluene
 Concen: 6.03 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. 0.26 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 14442
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

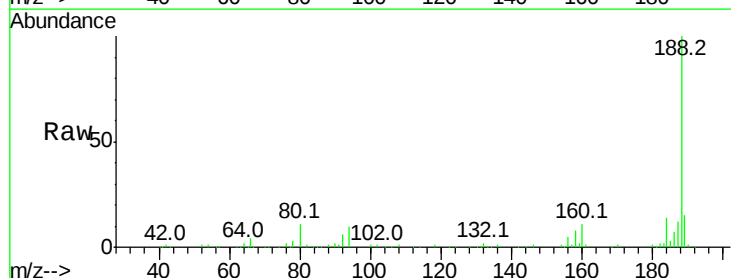


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

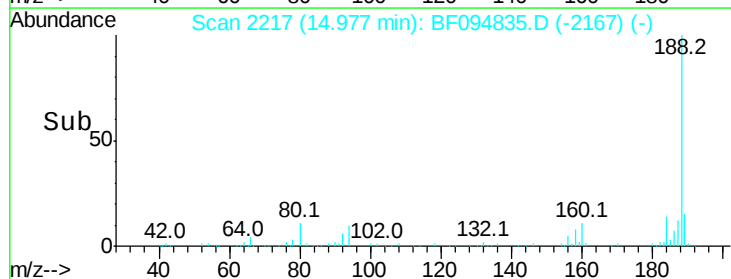
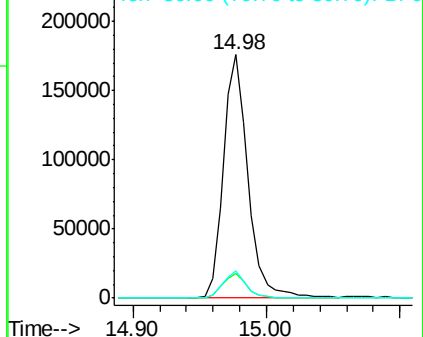


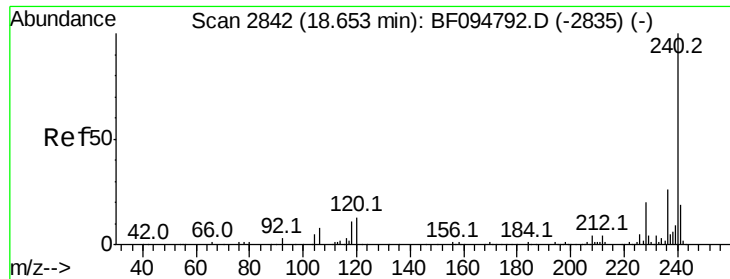
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

Tgt Ion:188 Resp: 228817
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.3 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

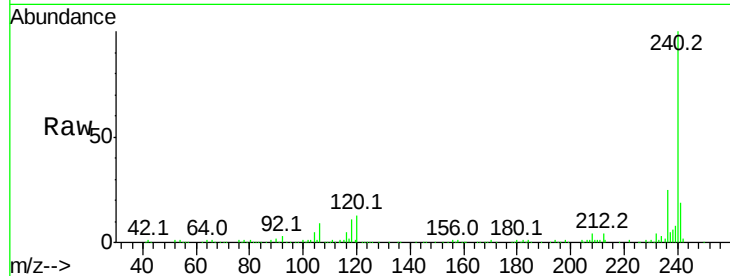




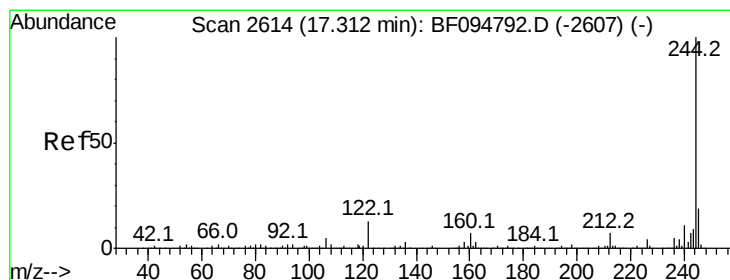
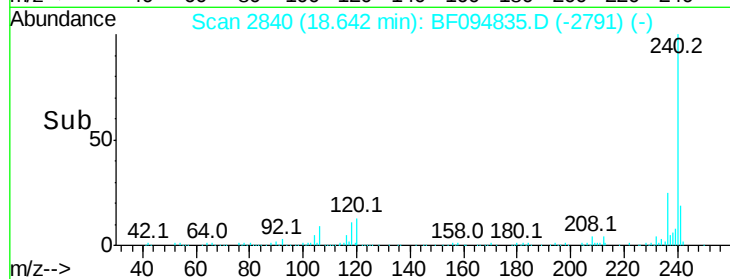
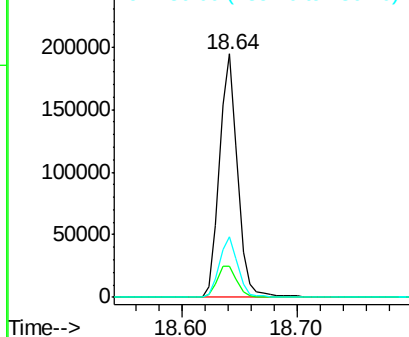
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 212317
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.8 8.8#
 236 25.0 20.5 30.7

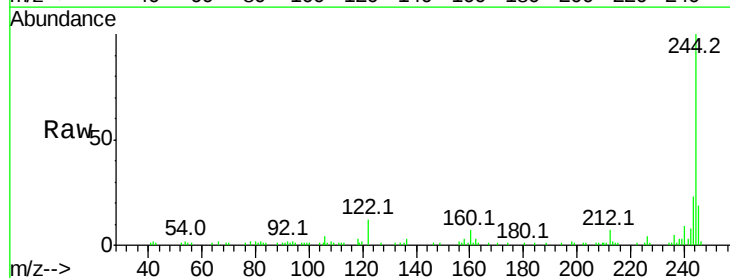


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

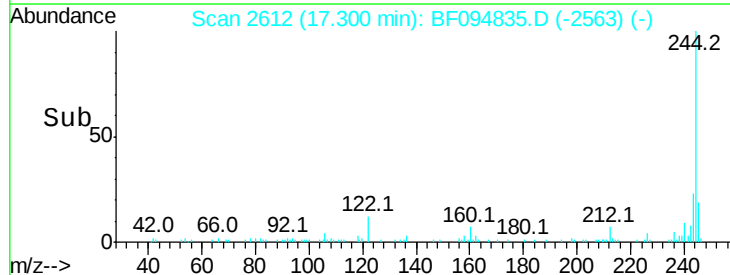
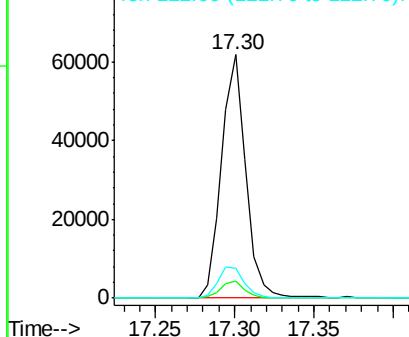


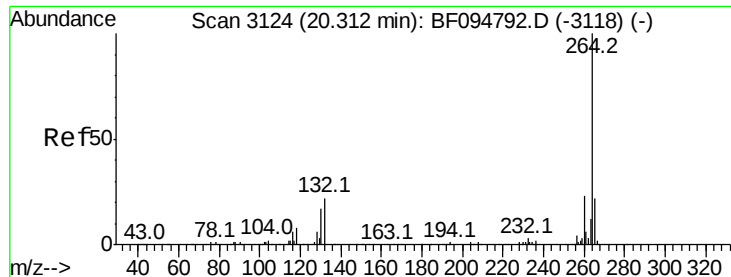
#78
 Terphenyl-d14
 Concen: 6.82 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094835.D
 Acq: 3 May 2017 14:43

Tgt Ion:244 Resp: 65729
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.1 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

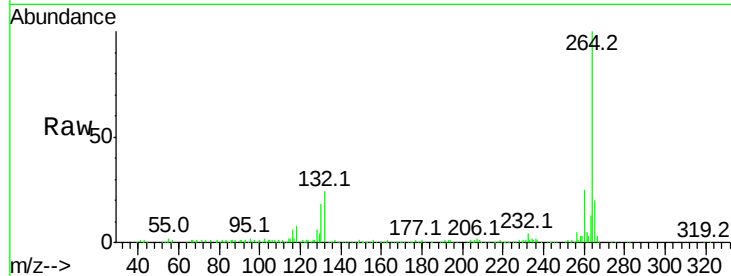




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094835.D
Acq: 3 May 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	20.5	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

