

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095248.D
 Acq On : 19 May 2017 5:40
 Operator : SJ/MA
 Sample : I3186-08 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 06:45:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

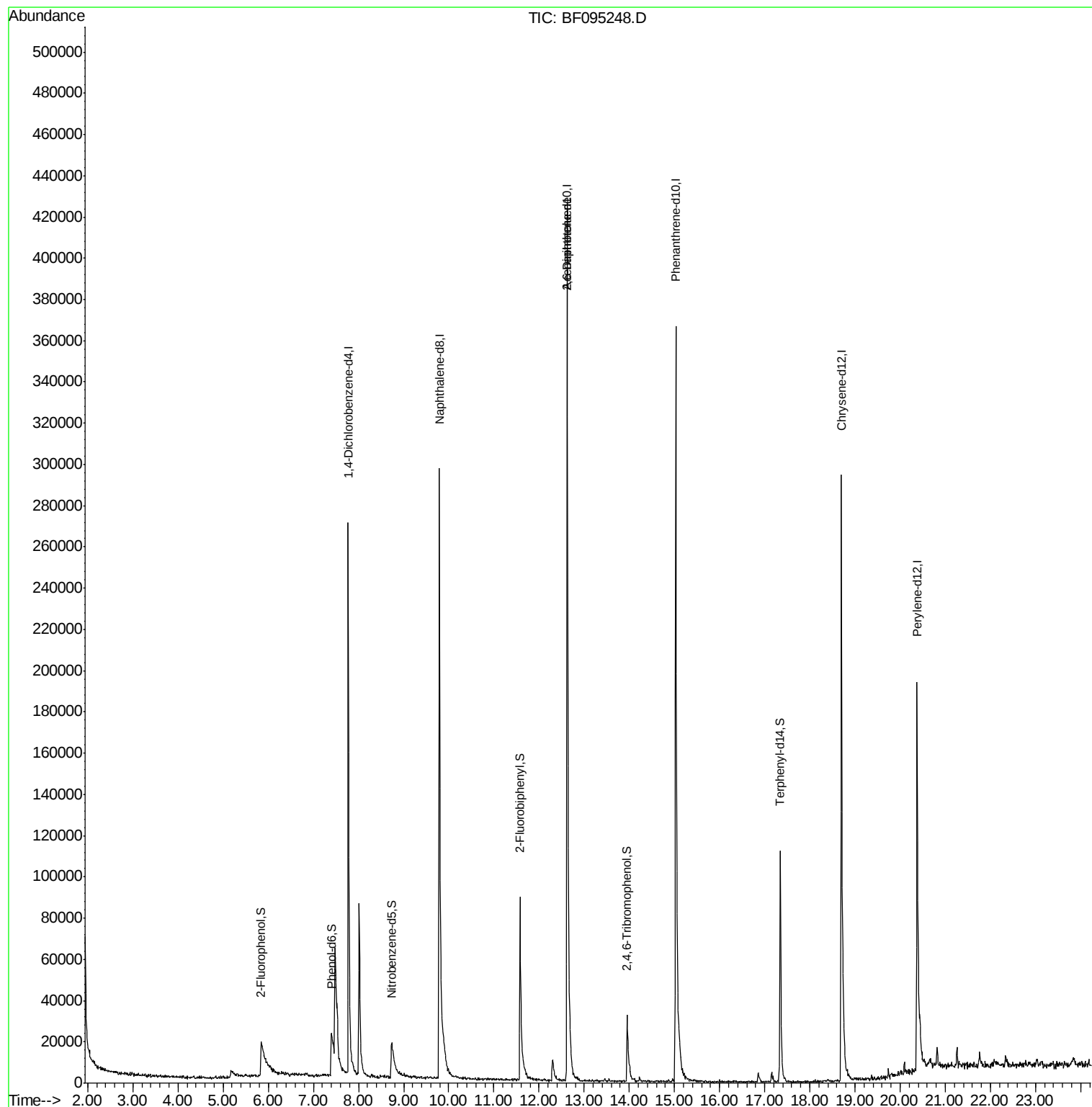
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83146	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	366059	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	184748	20.00	ng	0.00
63) Phenanthrene-d10	15.03	188	336907	20.00	ng	0.00
75) Chrysene-d12	18.70	240	221461	20.00	ng	0.00
86) Perylene-d12	20.38	264	146374	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	23576	4.73	ng	0.11
7) Phenol-d6	7.40	99	39497	6.60	ng	0.09
23) Nitrobenzene-d5	8.74	82	30820	5.31	ng	0.06
41) 2,4,6-Tribromophenol	13.95	330	12725	8.41	ng	0.04
44) 2-Fluorobiphenyl	11.58	172	91254	7.11	ng	0.02
78) Terphenyl-d14	17.34	244	79928	7.95	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	12.62	165	17812	5.76	ng	Qvalue # 31

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

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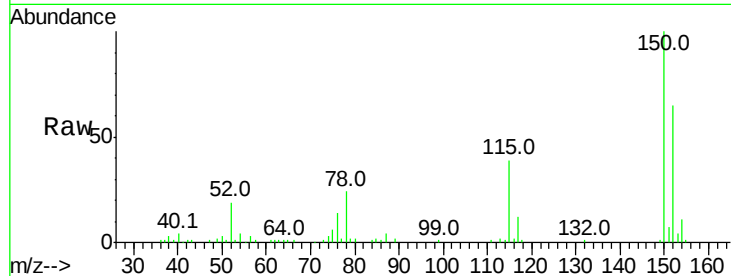


#1

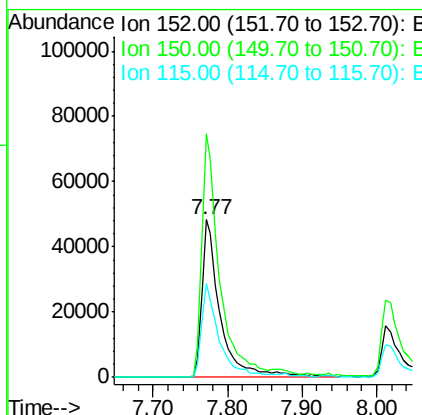
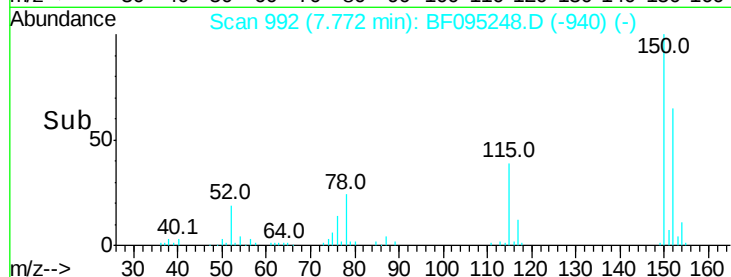
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095248.D
Acq: 19 May 2017 5:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 83146
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 59.9 52.2 78.2



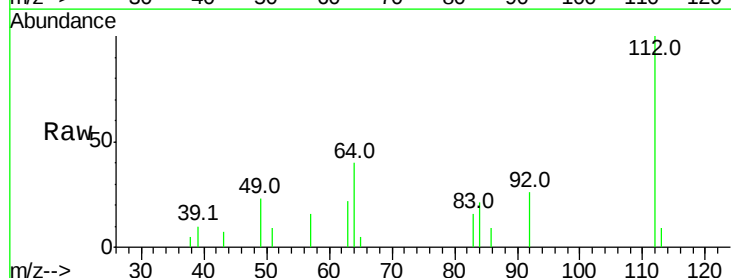
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



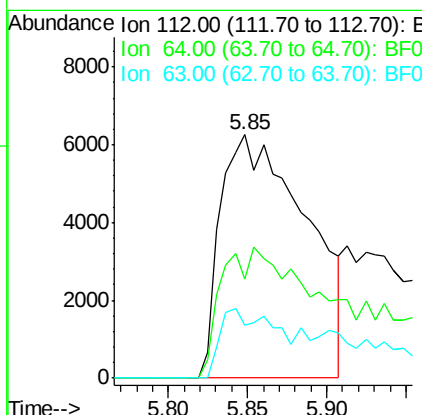
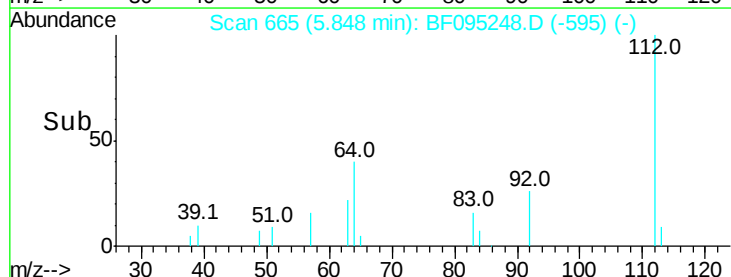
#5

2-Fluorophenol
Concen: 4.73 ng
RT: 5.85 min Scan# 665
Delta R.T. 0.11 min
Lab File: BF095248.D
Acq: 19 May 2017 5:40

Tgt Ion:112 Resp: 23576
Ion Ratio Lower Upper
112 100
64 40.4 46.0 69.0#
63 21.7 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: 6.60 ng

RT: 7.40 min Scan# 929

Delta R.T. 0.09 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

Instrument :

BNA_F

ClientSampleId :

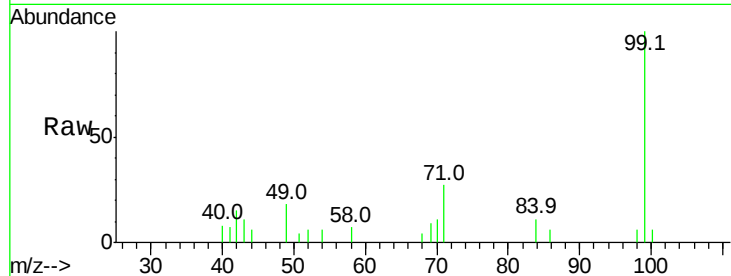
Tot Ion: 99 Resp: 39497

Ion Ratio Lower Upper

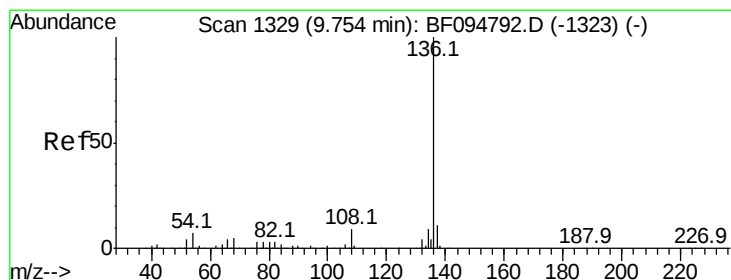
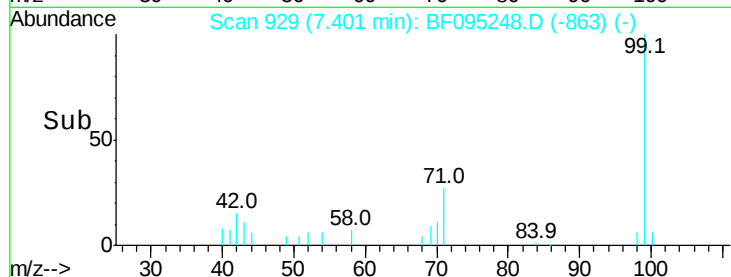
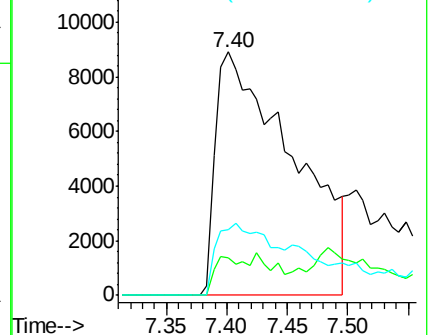
99 100

42 15.3 13.5 20.3

71 27.2 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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

Tgt Ion: 136 Resp: 366059

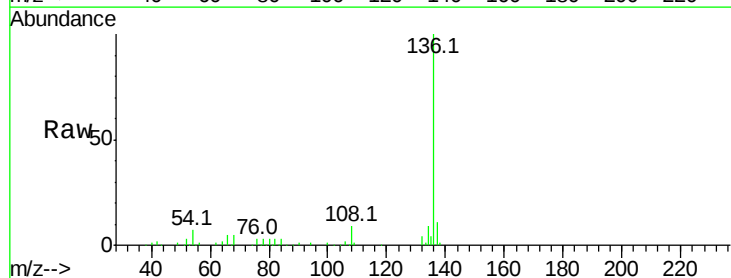
Ion Ratio Lower Upper

136 100

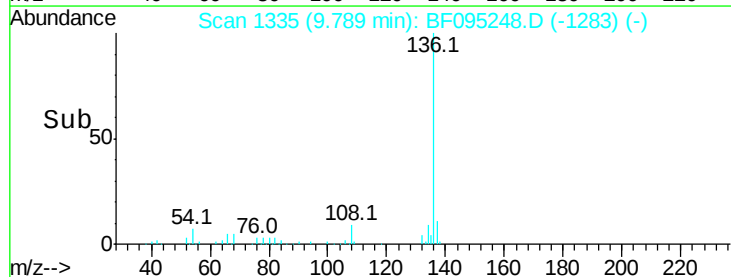
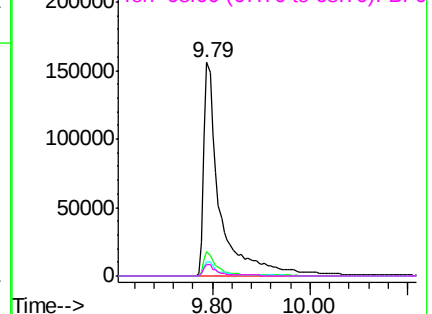
137 11.2 8.5 12.7

54 6.9 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

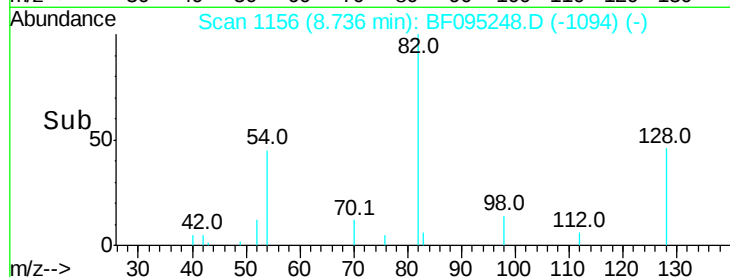
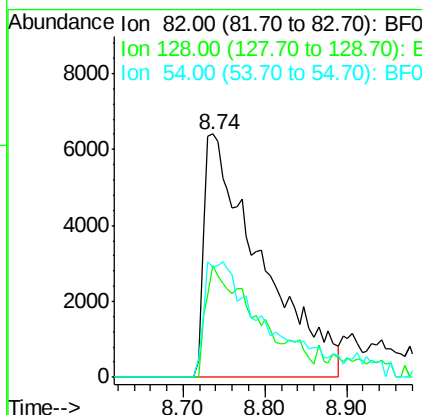
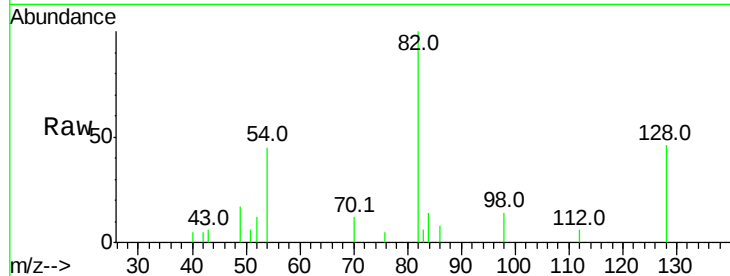




#23
 Nitrobenzene-d5
 Concen: 5.31 ng
 RT: 8.74 min Scan# 1156
 Delta R.T. 0.06 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

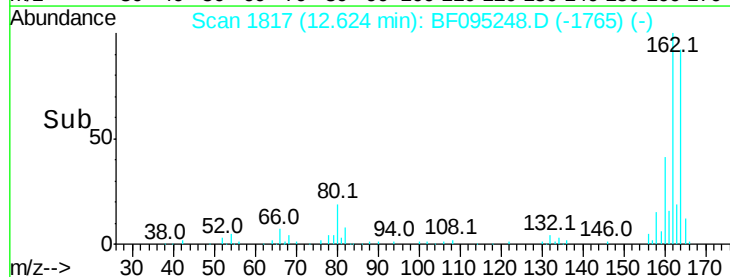
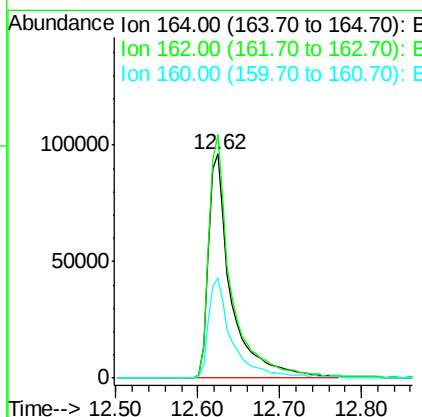
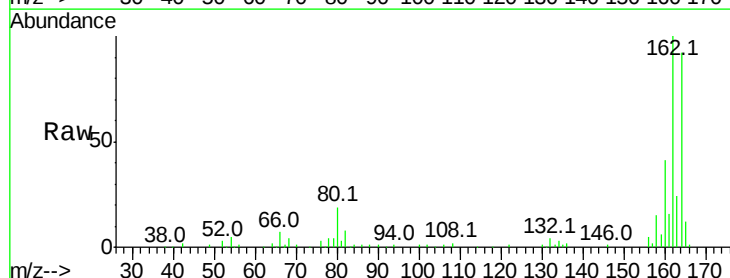
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	30820
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.0	51.0
54	45.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion	164	Resp	184748
Ion Ratio	Lower	Upper	
164	100		
162	108.6	82.6	123.8
160	44.6	36.2	54.2

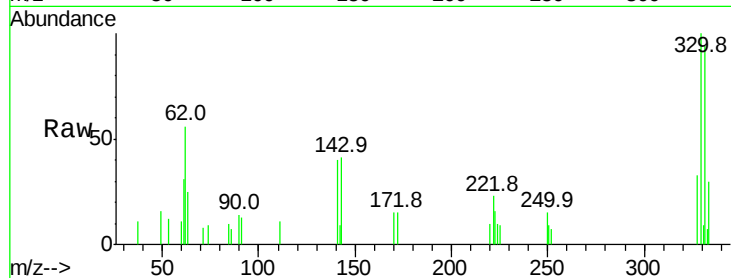




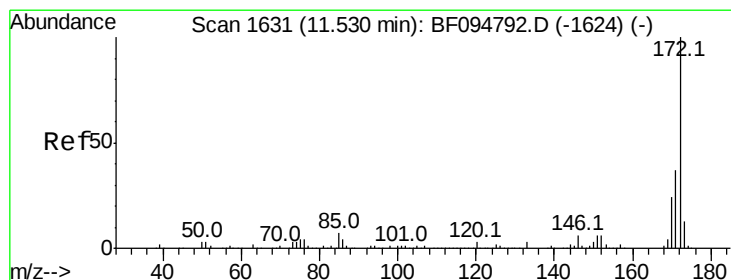
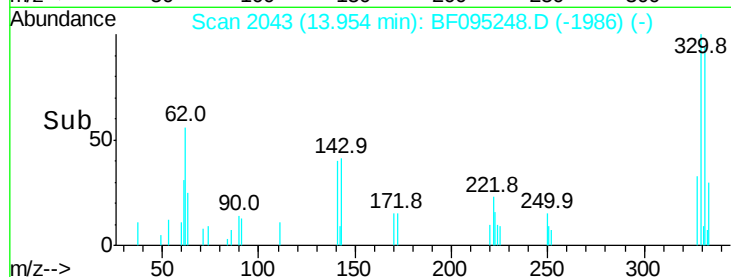
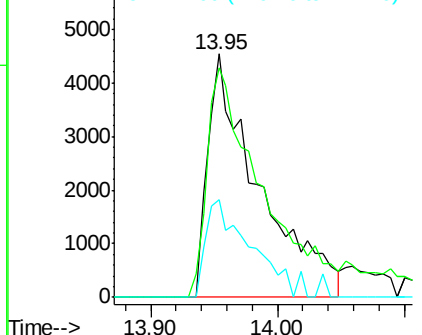
#41
 2,4,6-Tribromophenol
 Concen: 8.41 ng
 RT: 13.95 min Scan# 2043
 Delta R.T. 0.04 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 12725
 Ion Ratio Lower Upper
 330 100
 332 101.2 76.6 115.0
 141 35.8 31.4 47.2

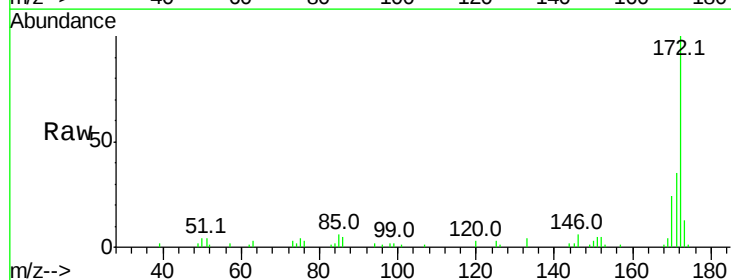


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

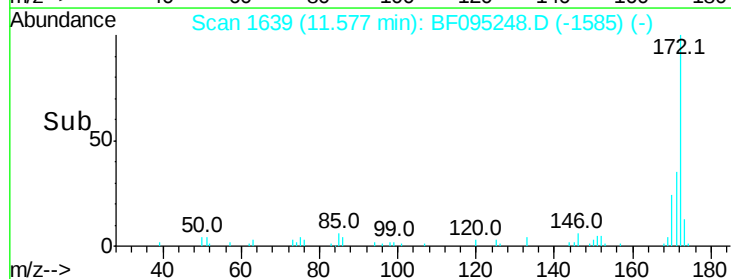
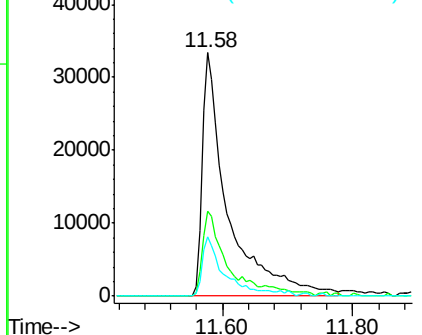


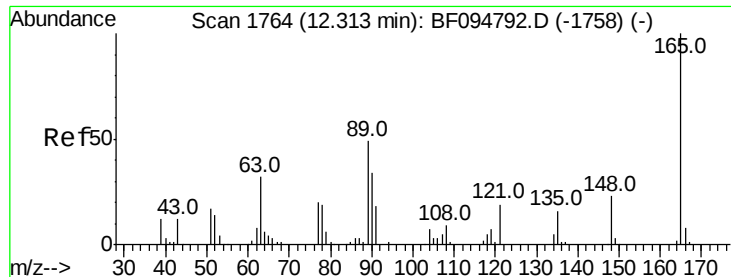
#44
 2-Fluorobiphenyl
 Concen: 7.11 ng
 RT: 11.58 min Scan# 1639
 Delta R.T. 0.02 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion:172 Resp: 91254
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 24.2 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

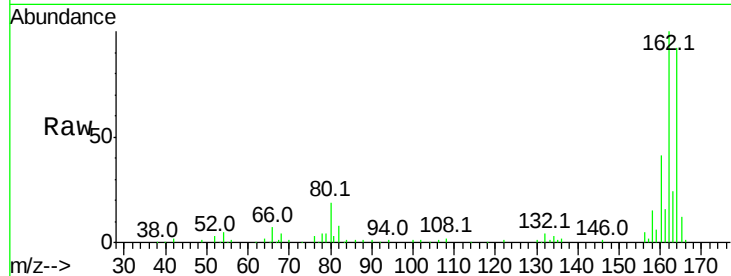




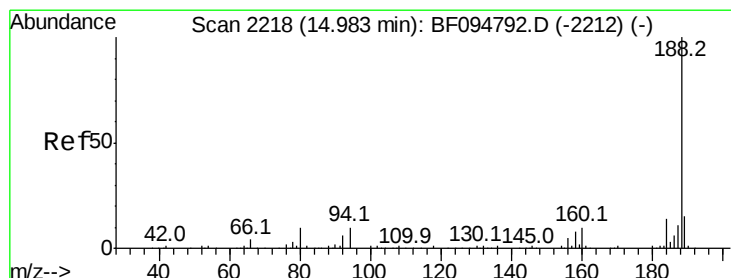
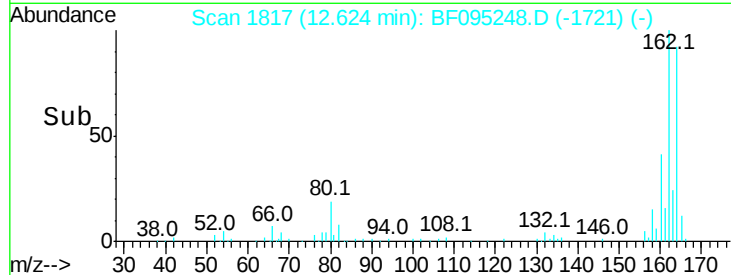
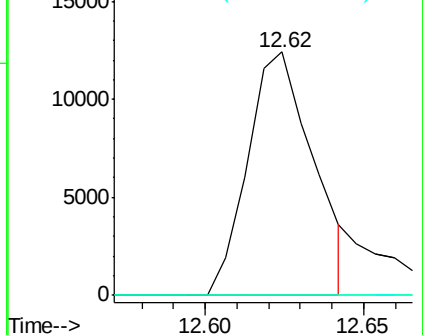
#50
 2,6-Dinitrotoluene
 Concen: 5.76 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.26 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17812
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

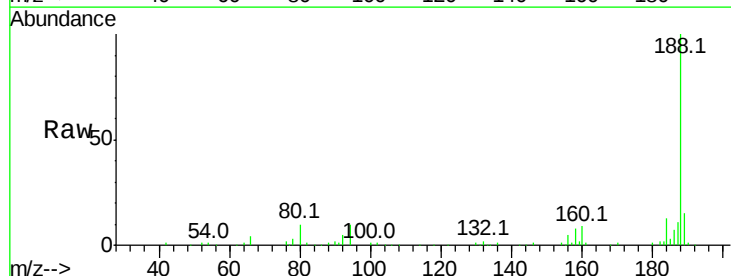


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

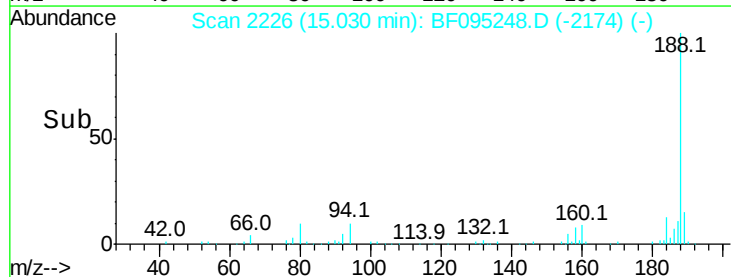
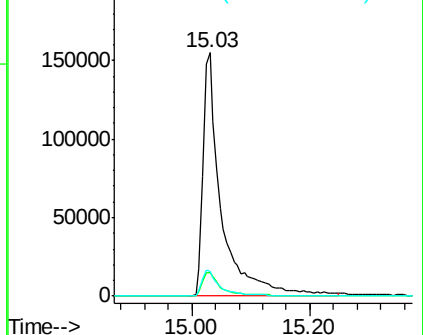


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Tgt Ion:188 Resp: 336907
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.3 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: 18.70 min Scan# 2850

Delta R.T. 0.01 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

Instrument :

BNA_F

ClientSampleID :

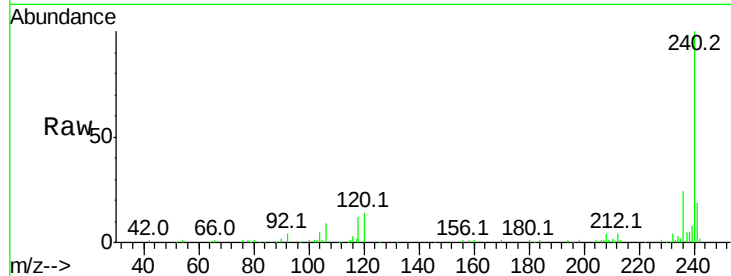
Tot Ion:240 Resp: 221461

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

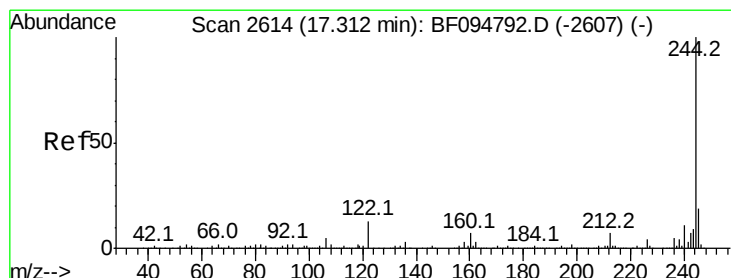
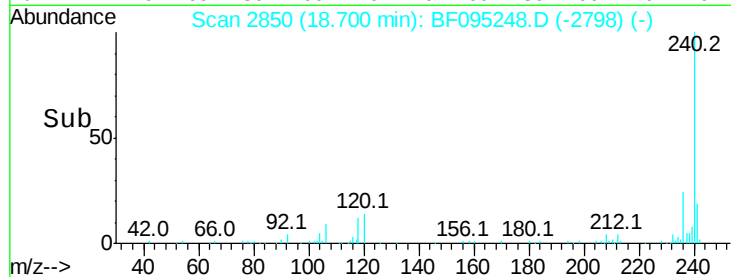
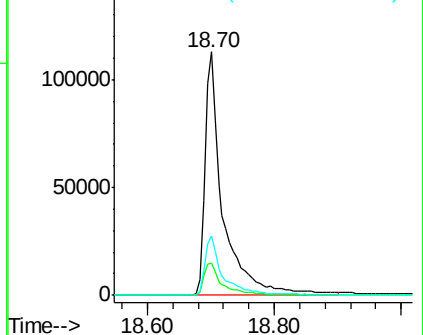
236 24.3 20.5 30.7



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: 7.95 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095248.D

Acq: 19 May 2017 5:40

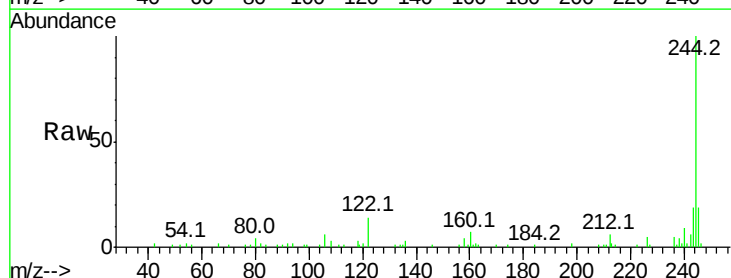
Tgt Ion:244 Resp: 79928

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

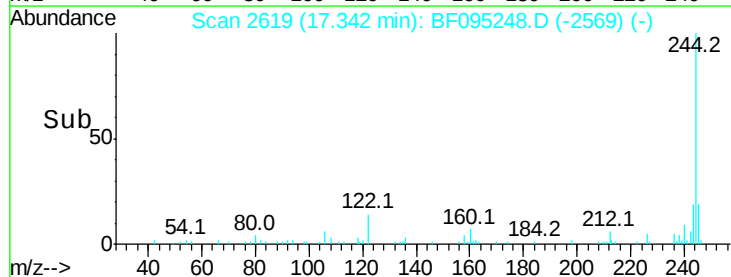
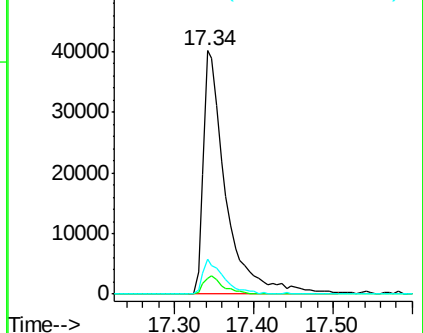
122 14.2 10.3 15.5

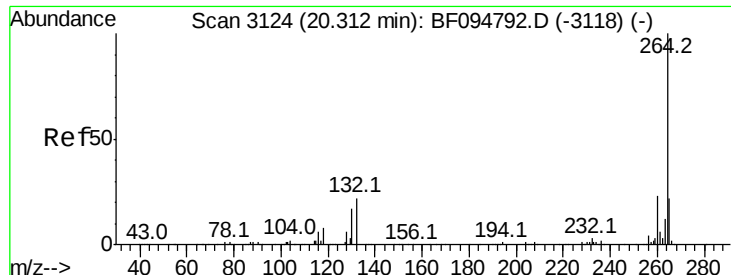


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

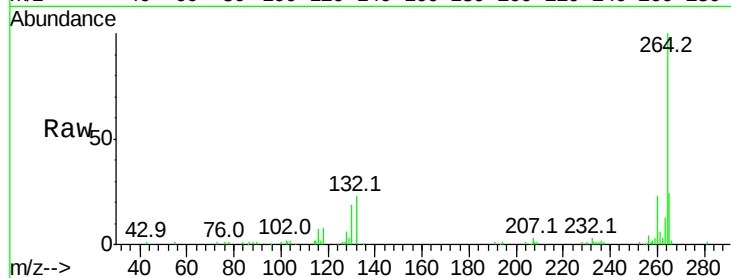




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BF095248.D
 Acq: 19 May 2017 5:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 146374
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 23.6 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

