

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095336.D
 Acq On : 23 May 2017 5:05
 Operator : SJ/MA
 Sample : I3249-28
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 07:39:51 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

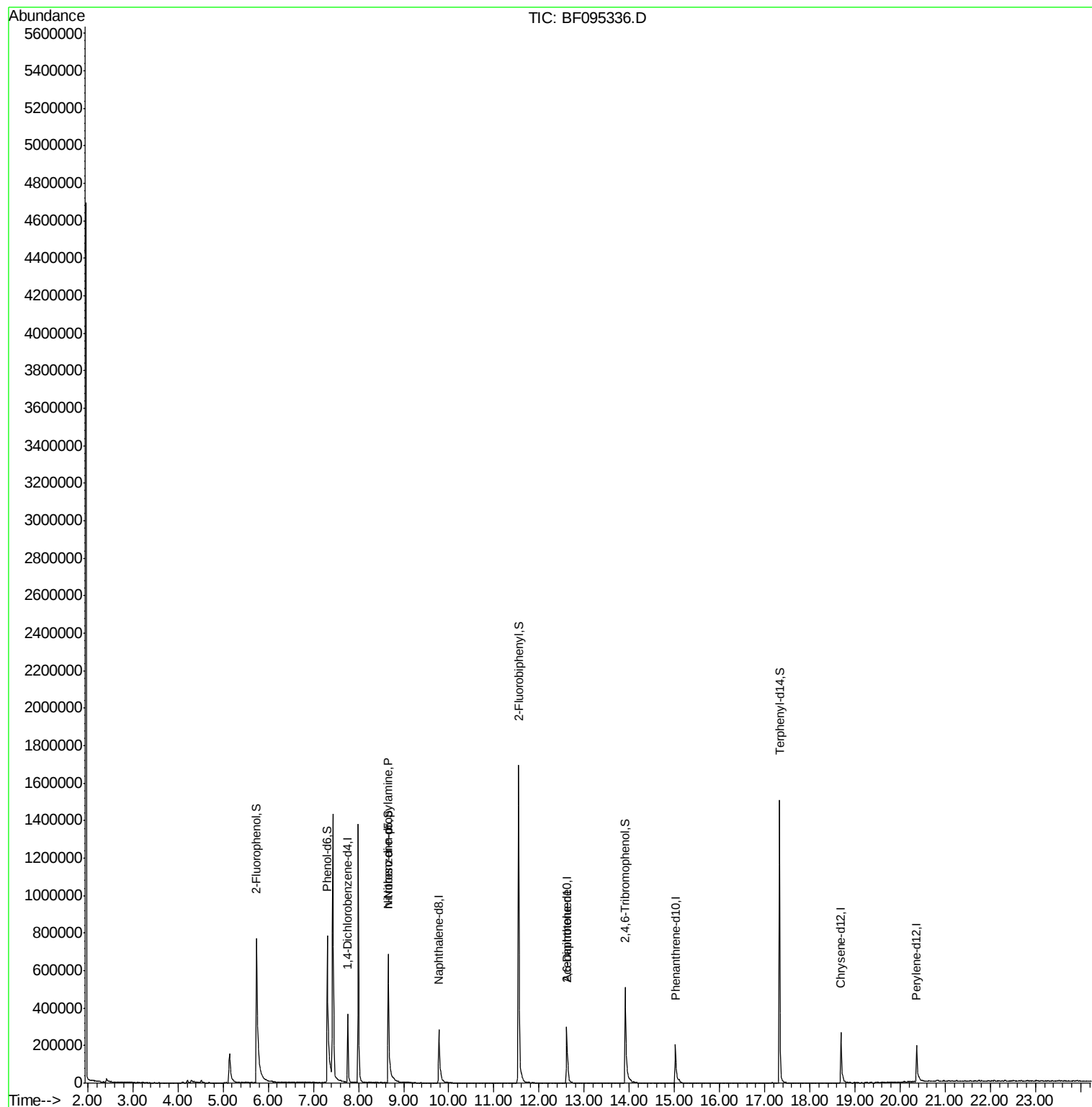
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	83656	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	325429	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	141083	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	166266	20.00	ng	0.00
75) Chrysene-d12	18.69	240	176038	20.00	ng	0.00
86) Perylene-d12	20.37	264	134996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	656039	130.74	ng	0.00
7) Phenol-d6	7.31	99	736645	122.36	ng	0.00
23) Nitrobenzene-d5	8.66	82	478001	92.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	139413	120.66	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	983400	100.33	ng	-0.01
78) Terphenyl-d14	17.33	244	625597	78.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	53519	13.14	ng	# 74
50) 2,6-Dinitrotoluene	12.61	165	13860	5.87	ng	# 31

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

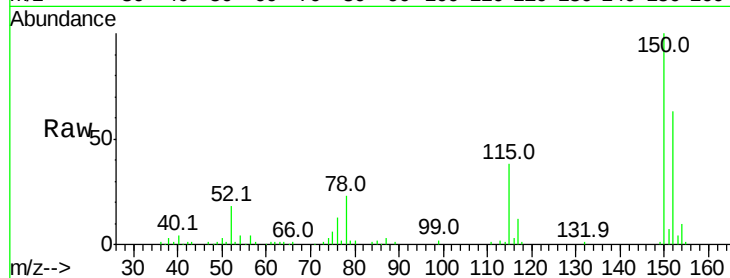
Tot Ion:152 Resp: 83656

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

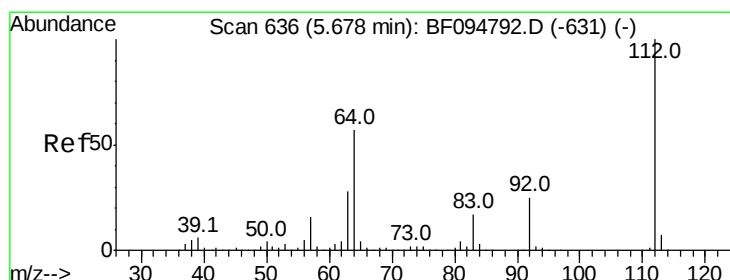
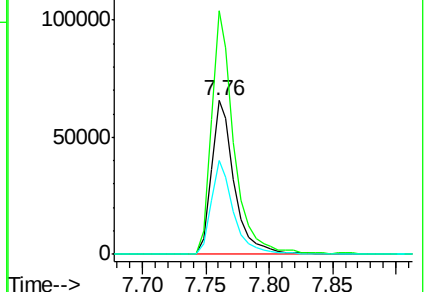
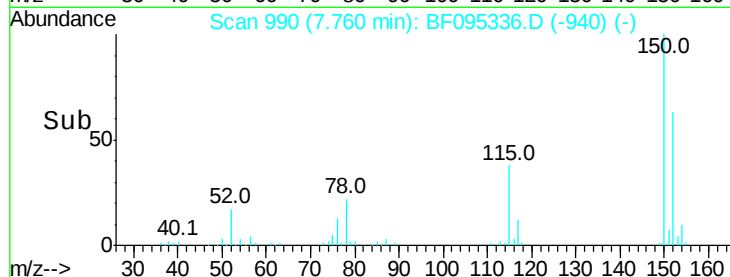
115 60.6 52.2 78.2



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: 130.74 ng

RT: 5.74 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

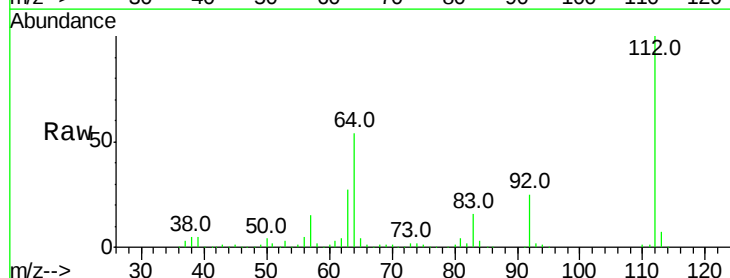
Tgt Ion:112 Resp: 656039

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

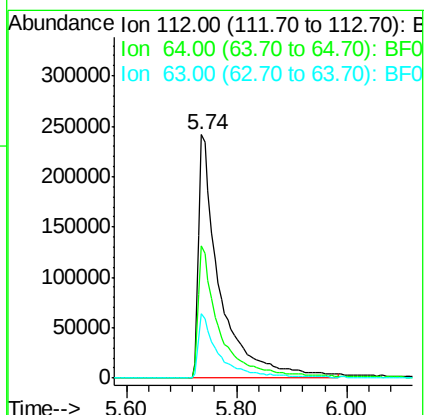
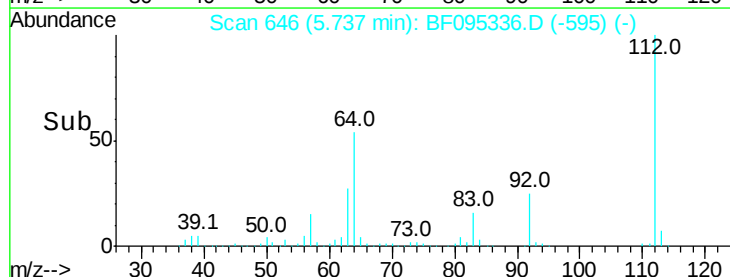
63 26.6 23.4 35.0



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: 122.36 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Instrument :

BNA_F

ClientSampled :

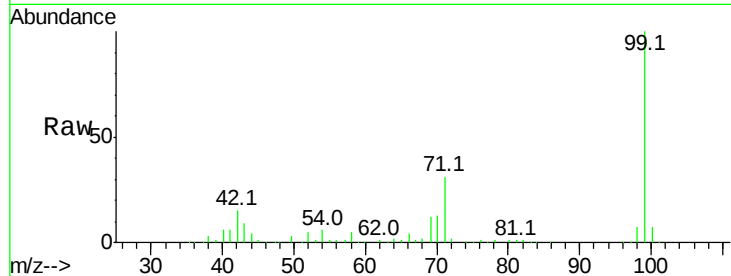
Tot Ion: 99 Resp: 736645

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

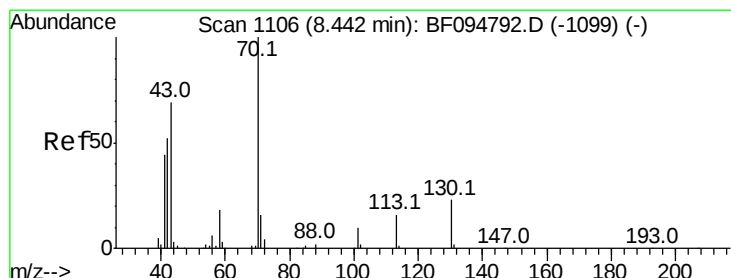
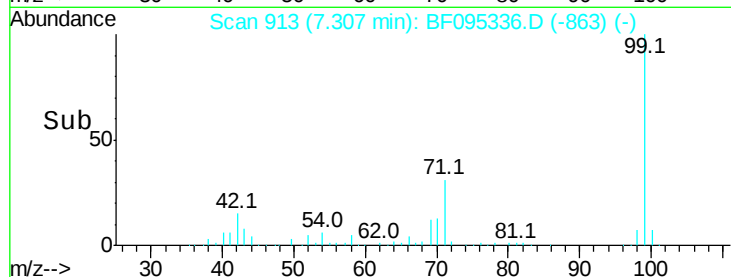
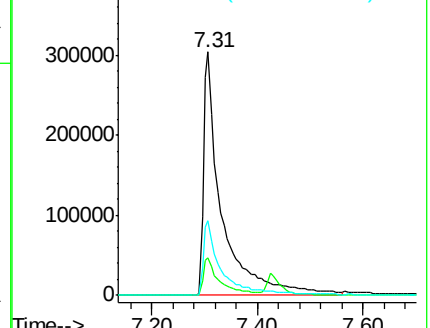
71 30.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.14 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Tgt Ion: 70 Resp: 53519

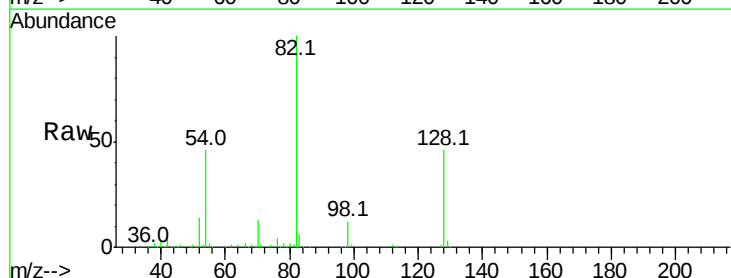
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

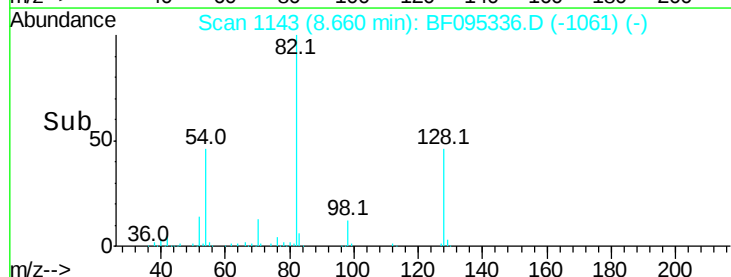
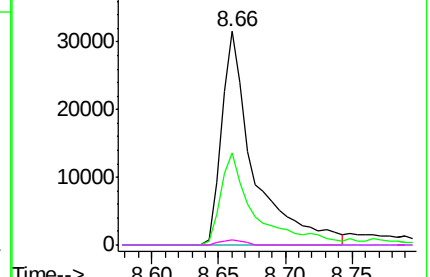


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

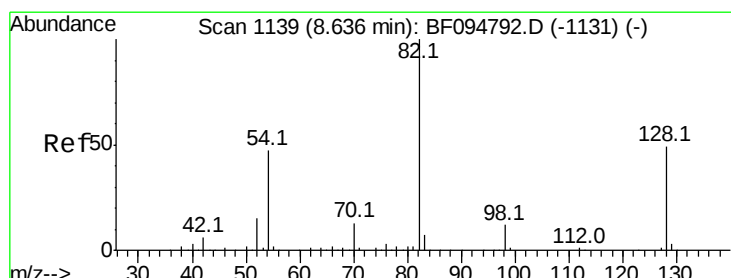
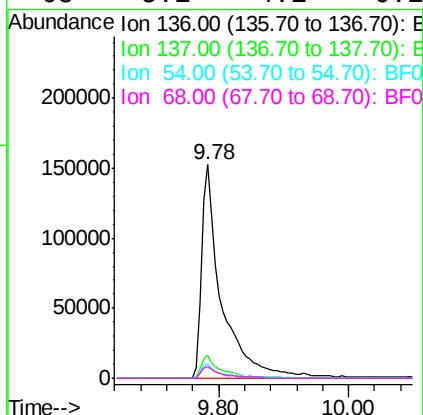
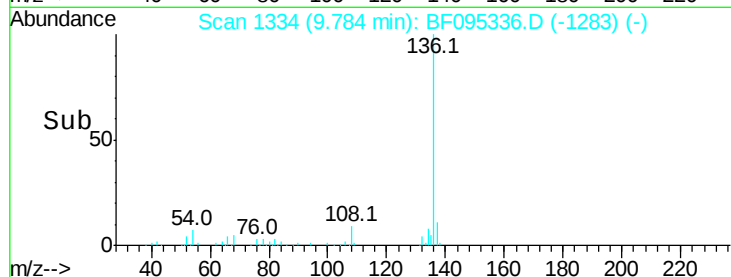
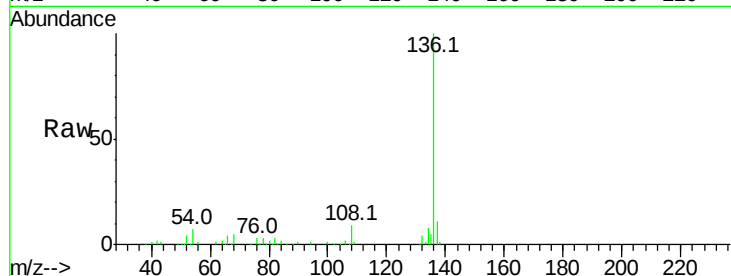




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095336.D
Acq: 23 May 2017 5:05

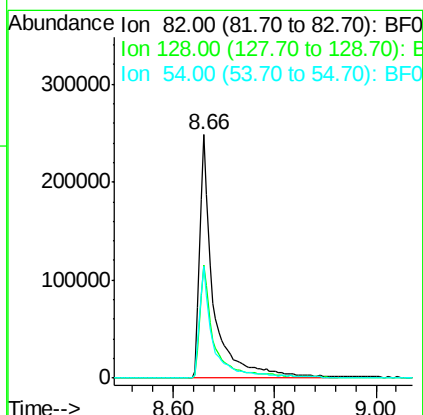
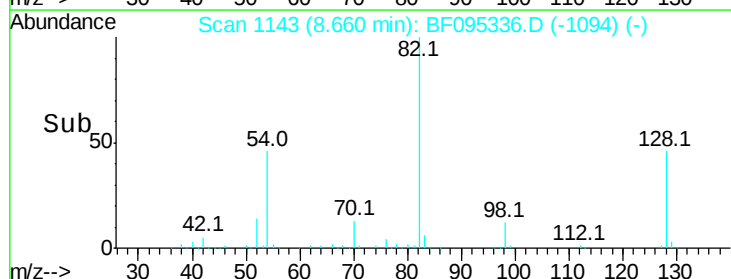
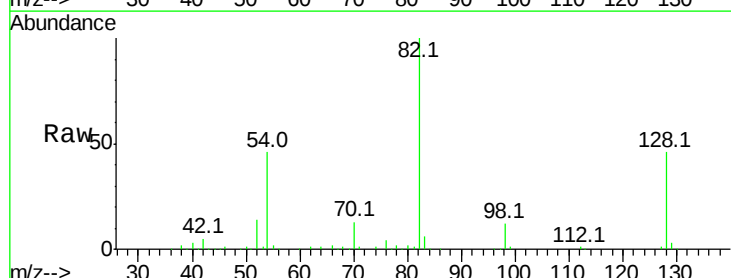
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	325429
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.5 12.7
54	6.8	4.9 7.3
68	5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.62 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095336.D
Acq: 23 May 2017 5:05

Tgt Ion: 82	Resp:	478001
Ion	Ratio	Lower Upper
82	100	
128	46.2	34.0 51.0
54	45.9	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

Instrument :

BNA_F

ClientSampleId :

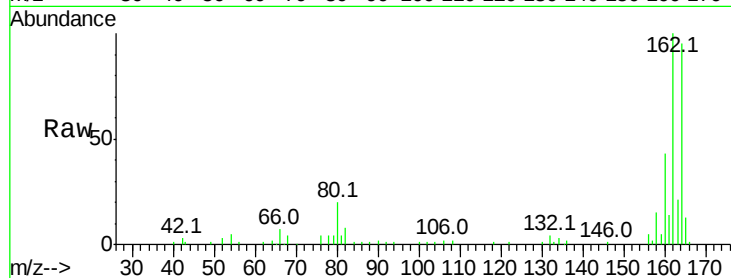
Tot Ion:164 Resp: 141083

Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

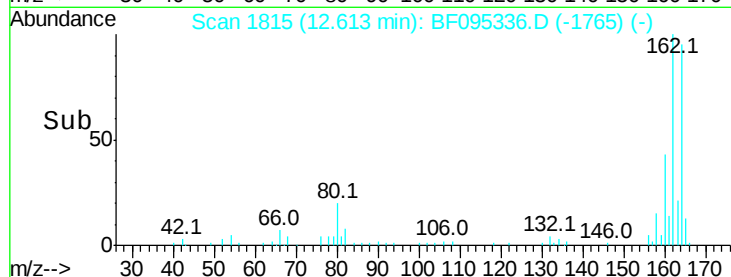
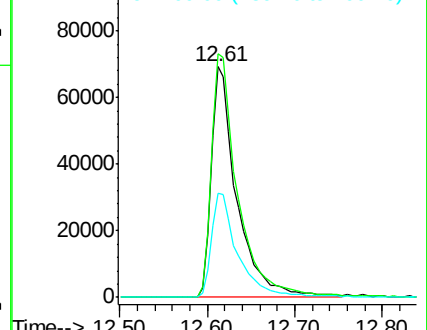
160 45.5 36.2 54.2



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: 120.66 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095336.D

Acq: 23 May 2017 5:05

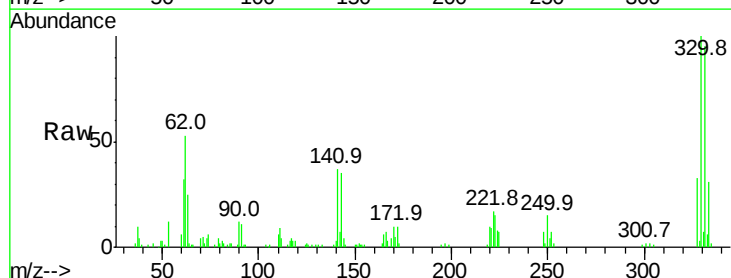
Tgt Ion:330 Resp: 139413

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

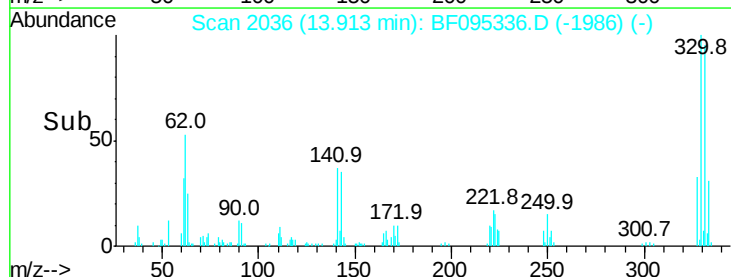
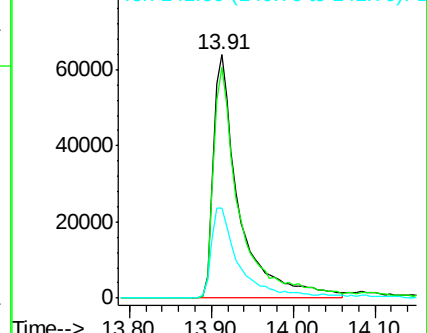
141 40.6 31.4 47.2

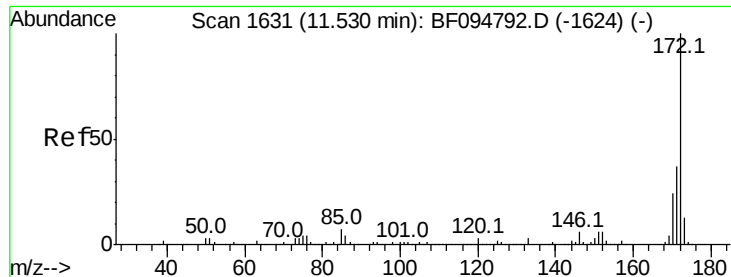


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

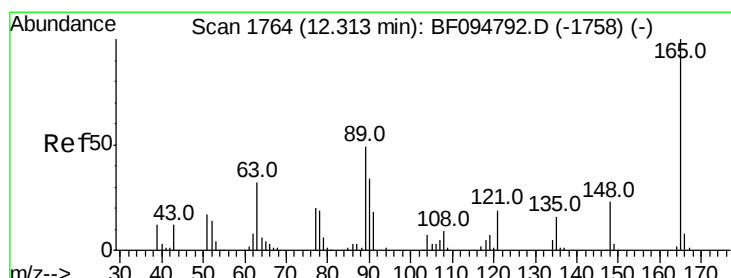
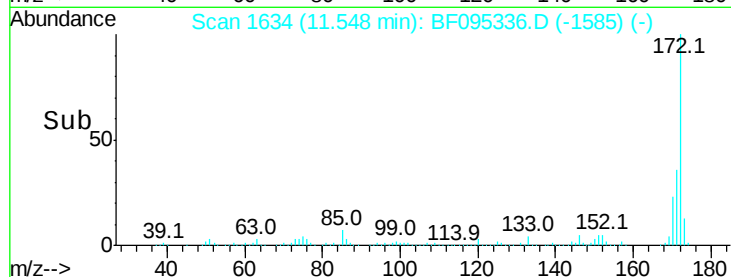
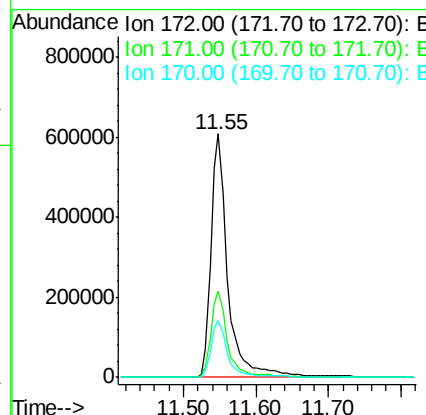
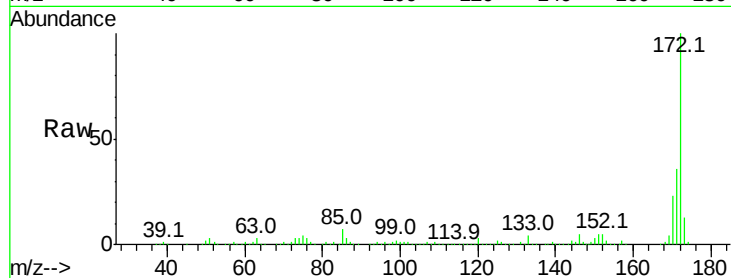




#44
 2-Fluorobiphenyl
 Concen: 100.33 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

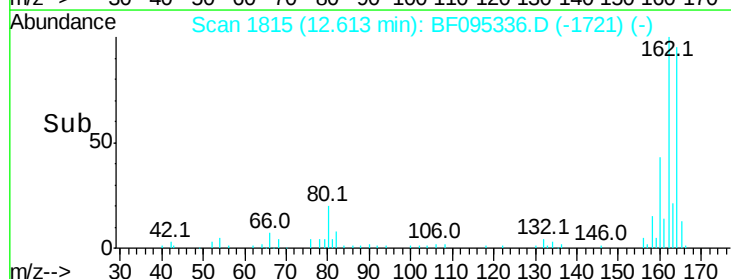
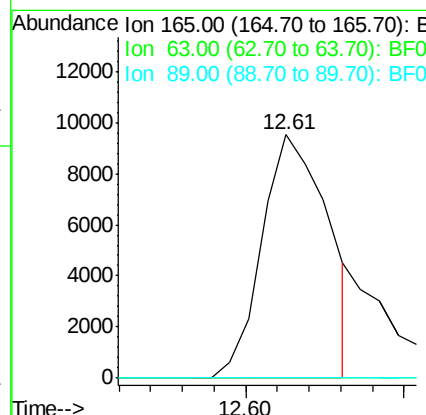
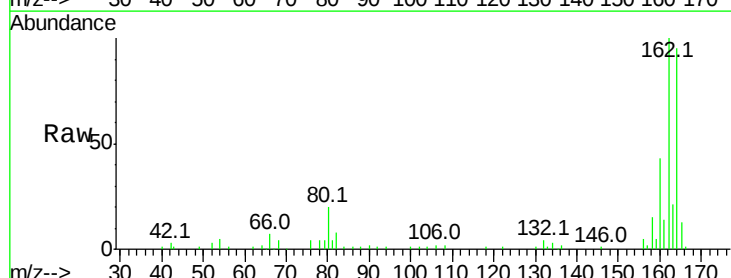
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.2	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.87 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

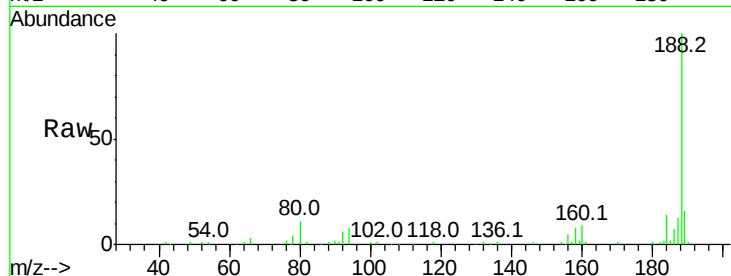




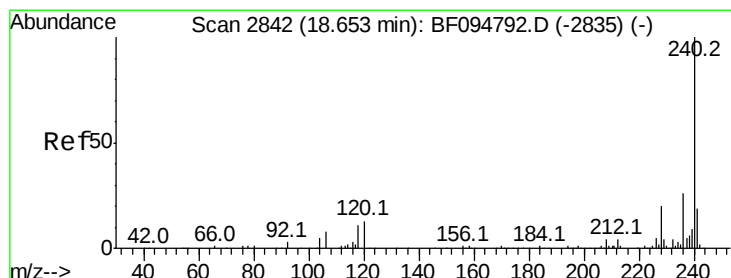
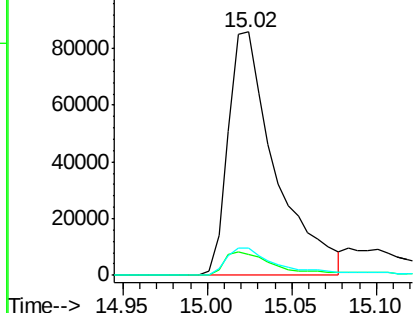
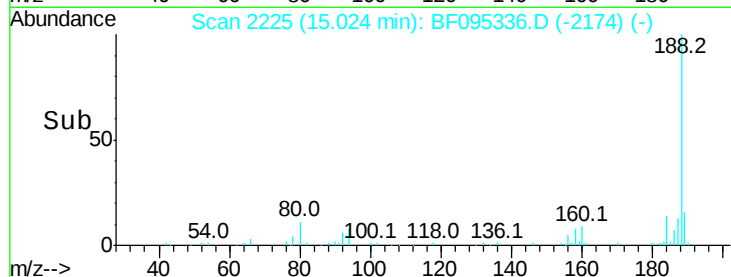
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 166266
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.4 14.2#
 80 11.1 10.2 15.2

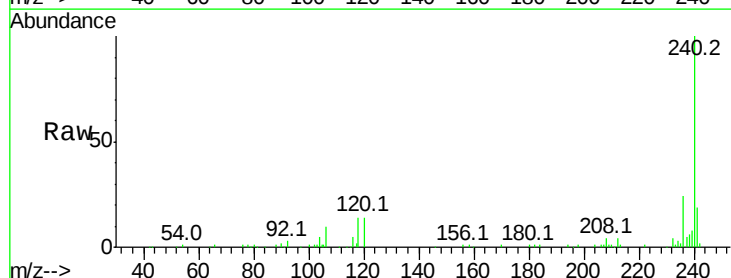


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

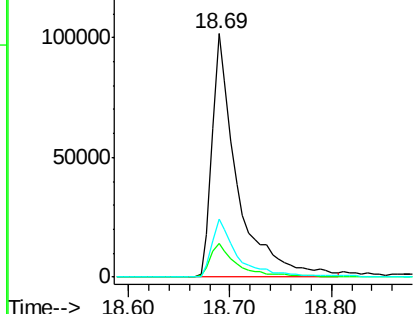
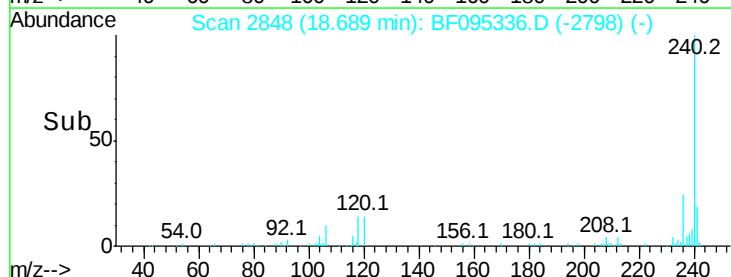


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Tgt Ion:240 Resp: 176038
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 23.7 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

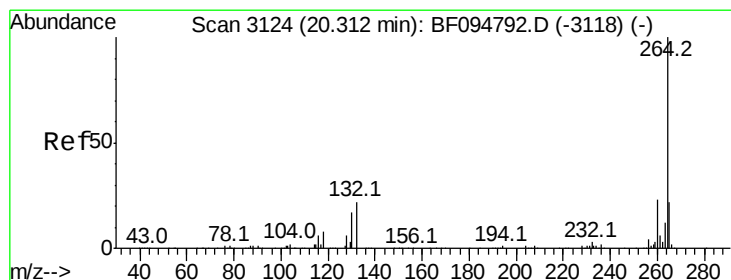
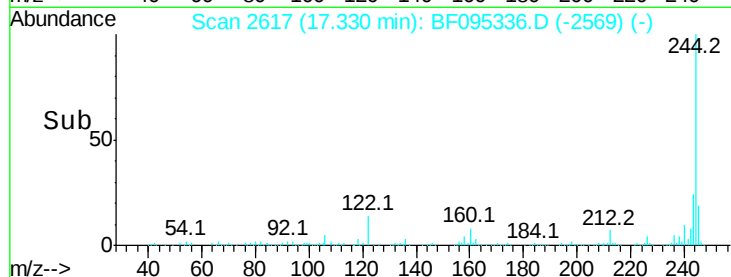
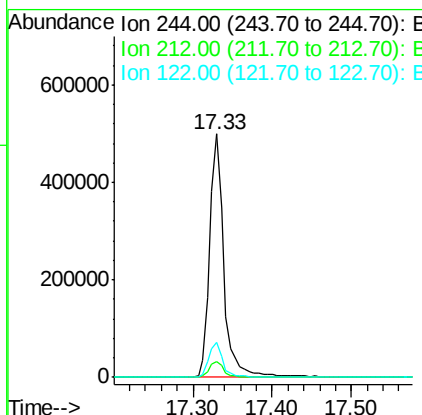
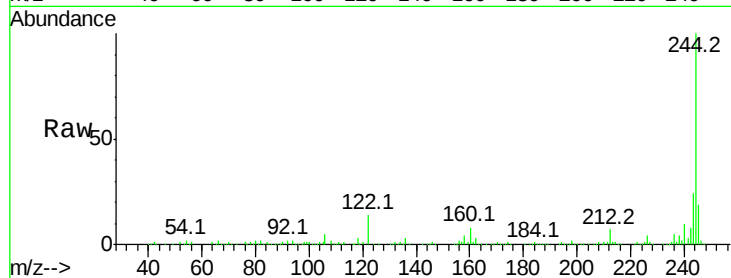




#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 625597
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BF095336.D
 Acq: 23 May 2017 5:05

Tgt Ion:264 Resp: 134996
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 21.2 17.2 25.8

