

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095268.D
 Acq On : 19 May 2017 17:53
 Operator : SJ/MA
 Sample : PB99069BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:29:05 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

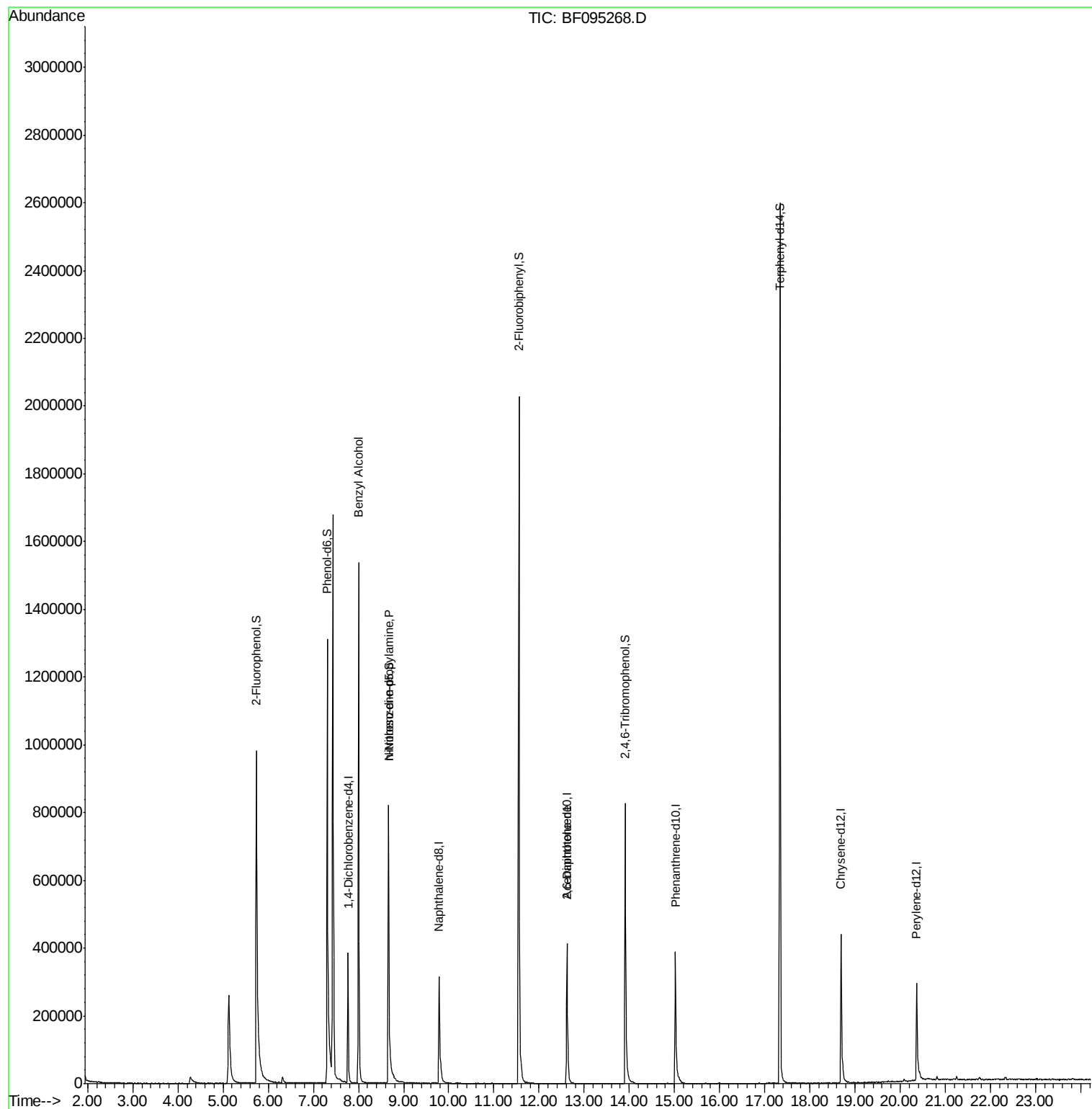
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85966	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	332511	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	167201	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	315648	20.00	ng	0.00
75) Chrysene-d12	18.69	240	282724	20.00	ng	0.00
86) Perylene-d12	20.37	264	197578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	718670	139.38	ng	0.00
7) Phenol-d6	7.31	99	884300	142.93	ng	0.00
23) Nitrobenzene-d5	8.67	82	515247	97.71	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	181346	132.43	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1056575	90.95	ng	0.00
78) Terphenyl-d14	17.34	244	1095758	85.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.00	79	8139	2.05	ng	# 41
19) n-Nitroso-di-n-propylamine	8.67	70	63187	15.10	ng	# 76
50) 2,6-Dinitrotoluene	12.62	165	15637	5.58	ng	# 31

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

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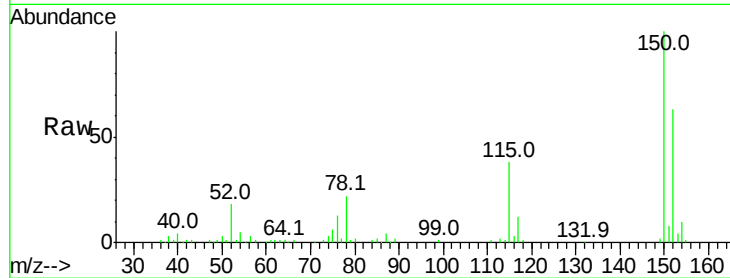


#1

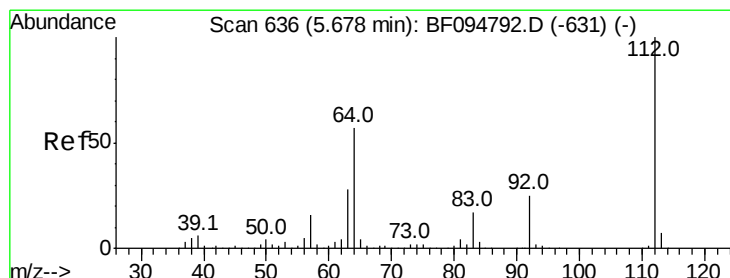
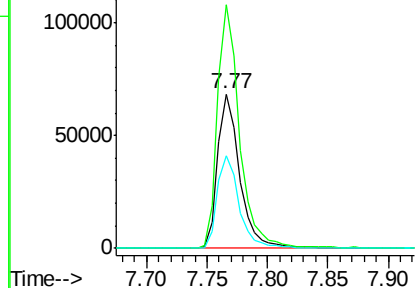
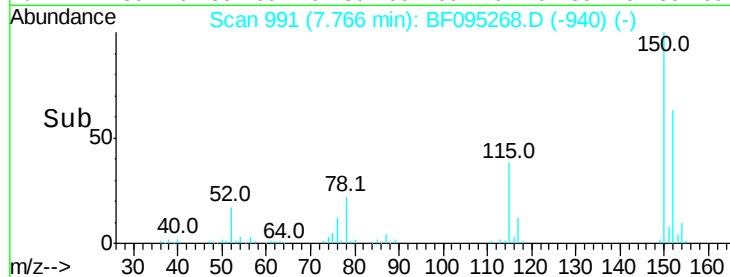
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095268.D
Acq: 19 May 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	59.9	52.2	78.2



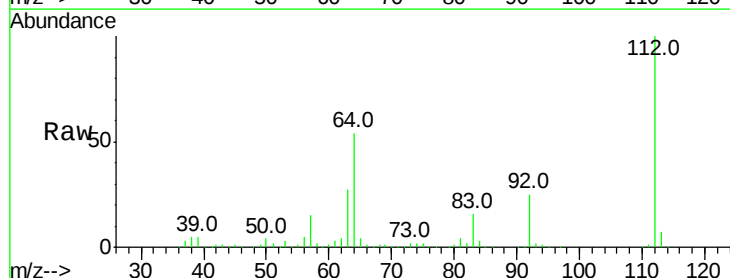
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



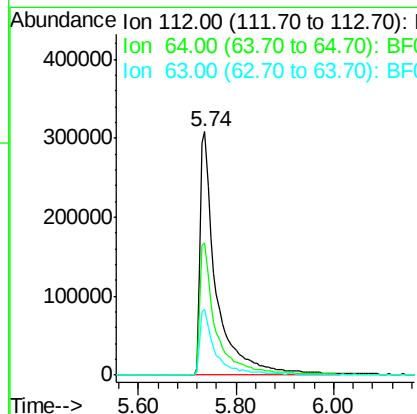
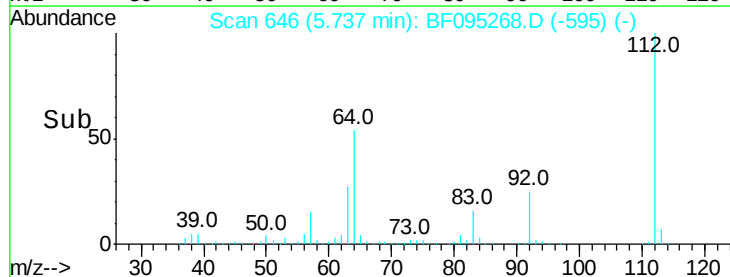
#5

2-Fluorophenol
Concen: 139.38 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095268.D
Acq: 19 May 2017 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.2	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: 142.93 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095268.D

Acq: 19 May 2017 17:53

Instrument :

BNA_F

ClientSampleId :

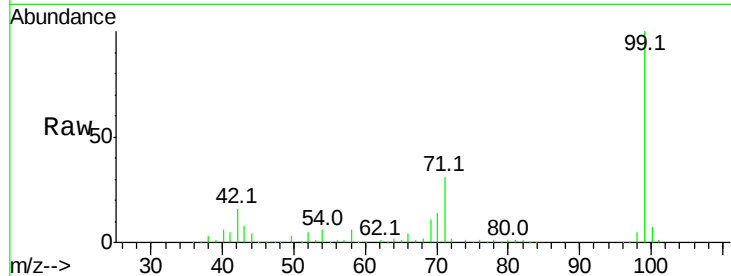
Tot Ion: 99 Resp: 884300

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

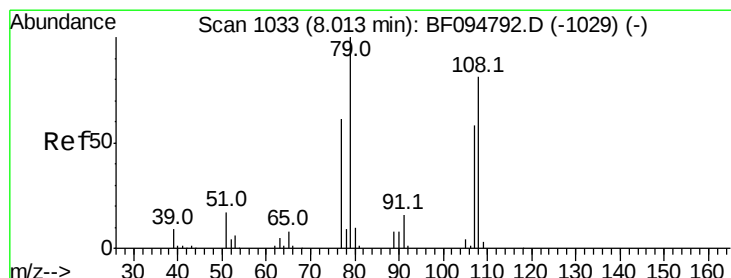
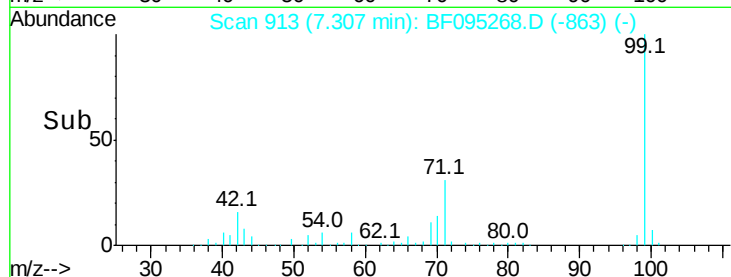
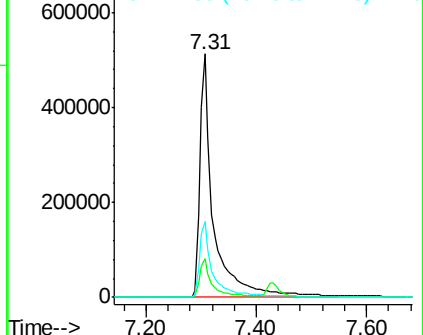
71 31.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF095268.D

Acq: 19 May 2017 17:53

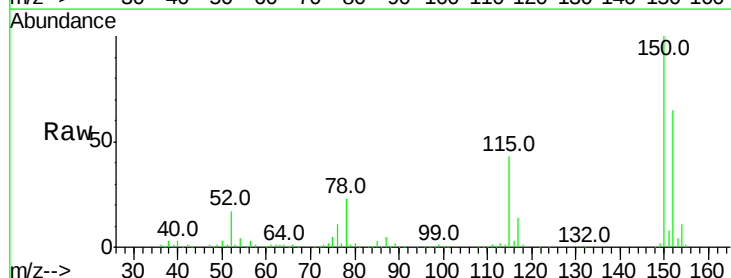
Tgt Ion: 79 Resp: 8139

Ion Ratio Lower Upper

79 100

108 33.0 63.4 95.0#

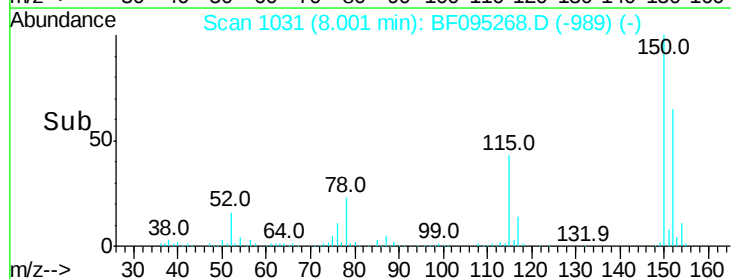
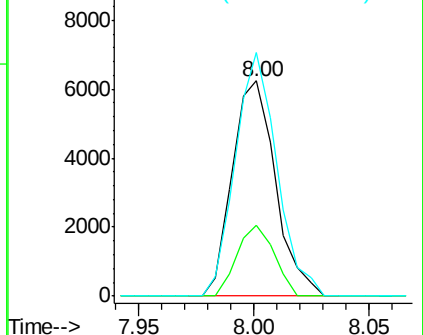
77 113.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 8.67 min Scan# 1144

Delta R.T. 0.19 min

Lab File: BF095268.D

Acq: 19 May 2017 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 63187

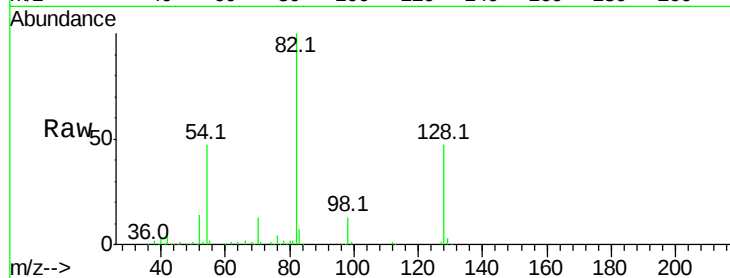
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

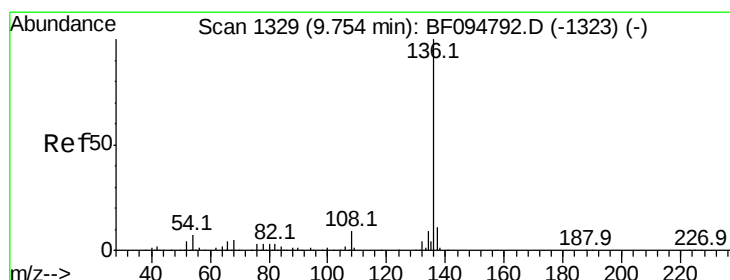
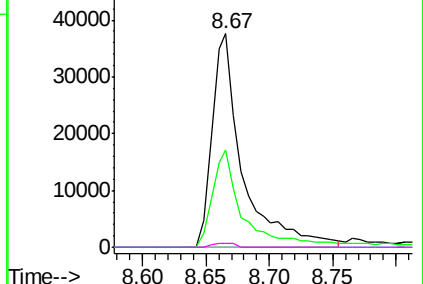
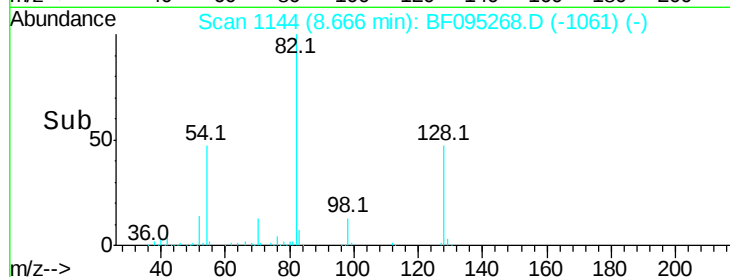


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095268.D

Acq: 19 May 2017 17:53

Tgt Ion: 136 Resp: 332511

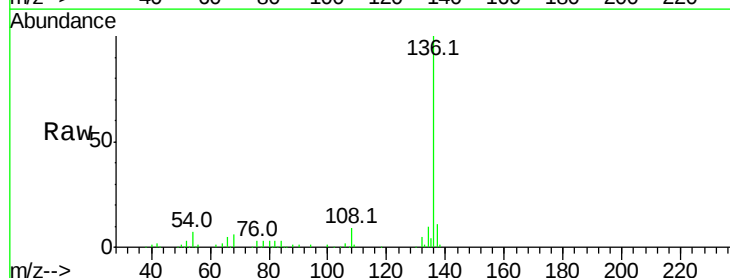
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

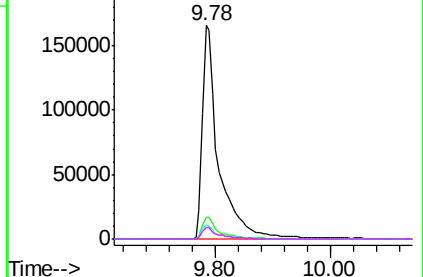
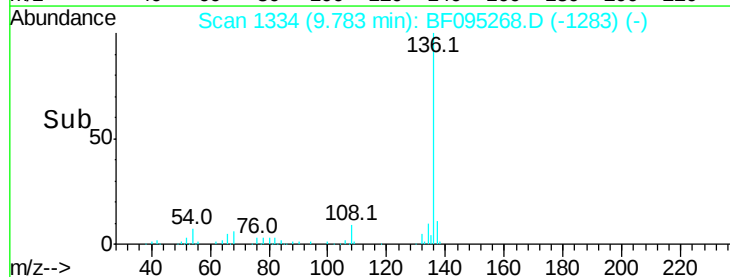


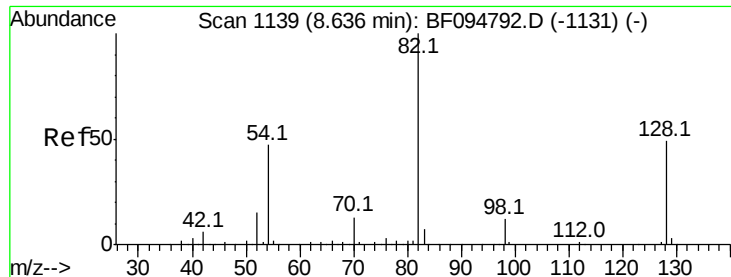
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

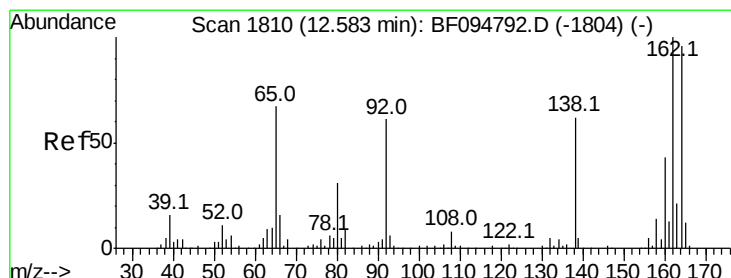
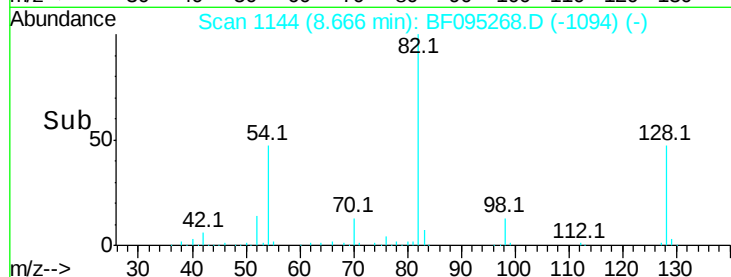
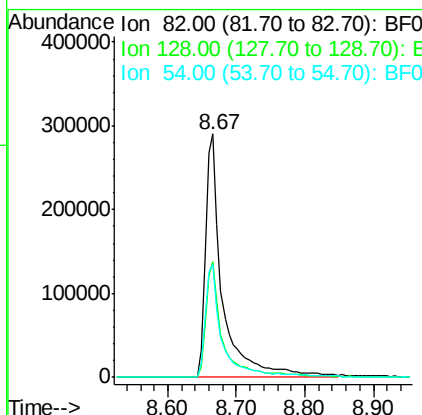
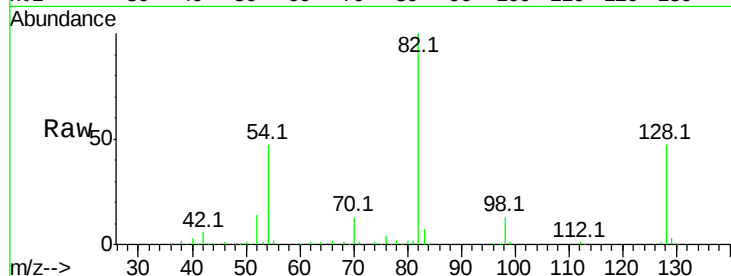




#23
 Nitrobenzene-d5
 Concen: 97.71 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095268.D
 Acq: 19 May 2017 17:53

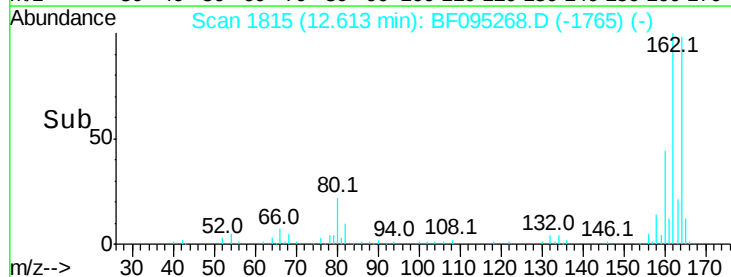
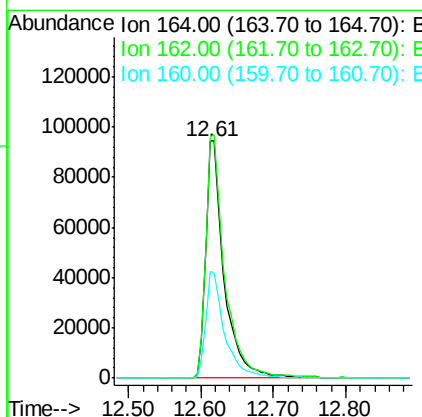
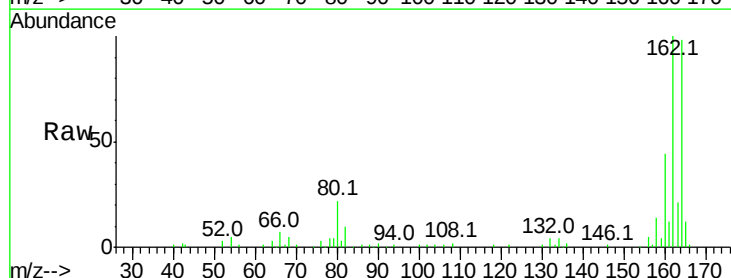
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	515247
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	46.6	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: BF095268.D
 Acq: 19 May 2017 17:53

Tgt Ion	164	Resp	167201
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	123.8
160	44.7	36.2	54.2

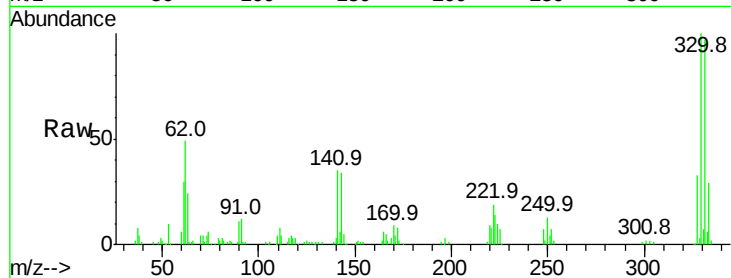




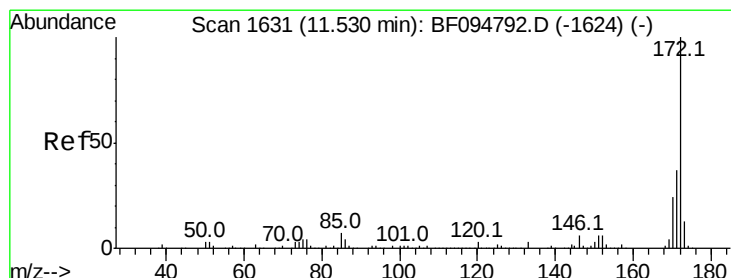
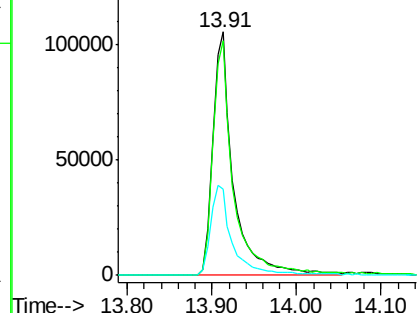
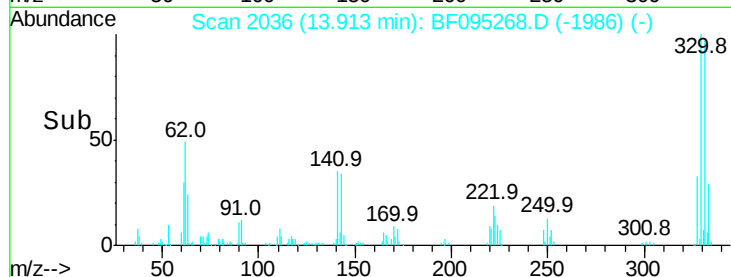
#41
 2,4,6-Tribromophenol
 Concen: 132.43 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095268.D
 Acq: 19 May 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.1	31.4	47.2

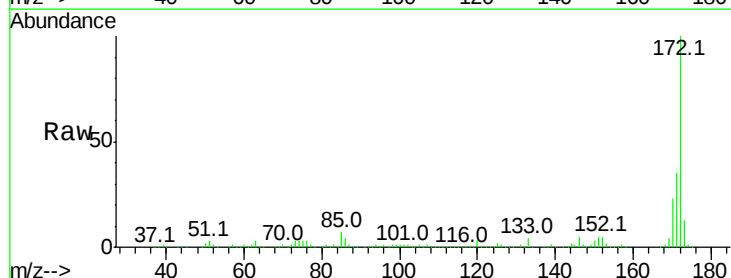


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

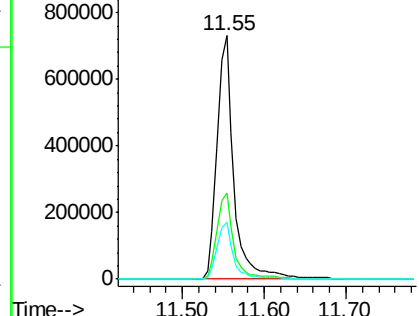
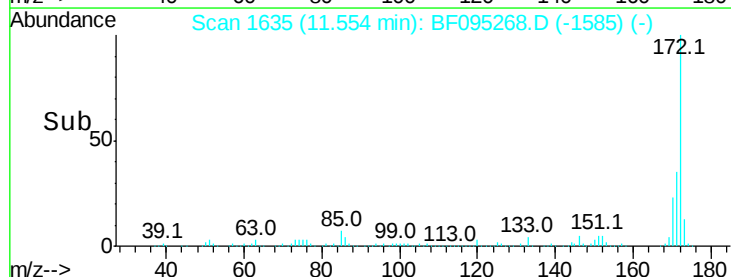


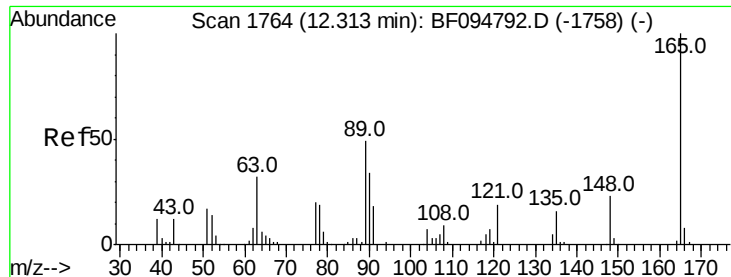
#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095268.D
 Acq: 19 May 2017 17:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.3	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

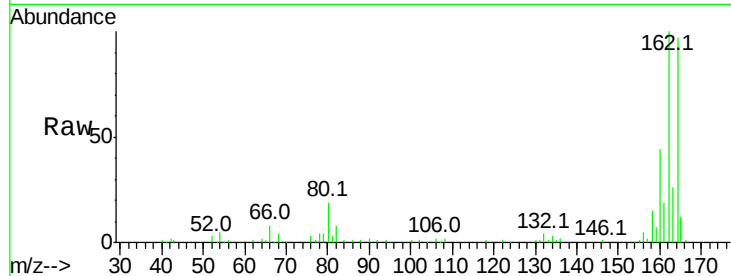




#50
 2,6-Dinitrotoluene
 Concen: 5.58 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095268.D
 Acq: 19 May 2017 17:53

Instrument :
 BNA_F
 ClientSampled :

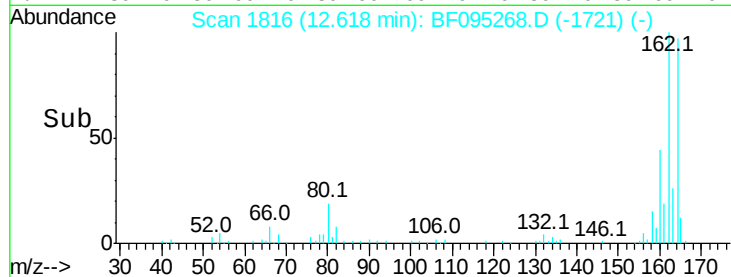
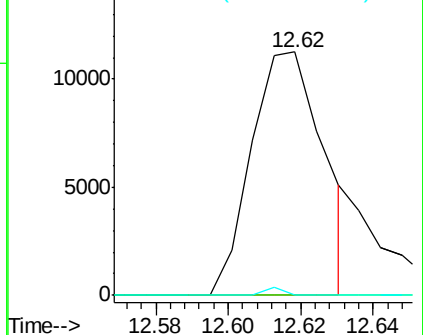
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

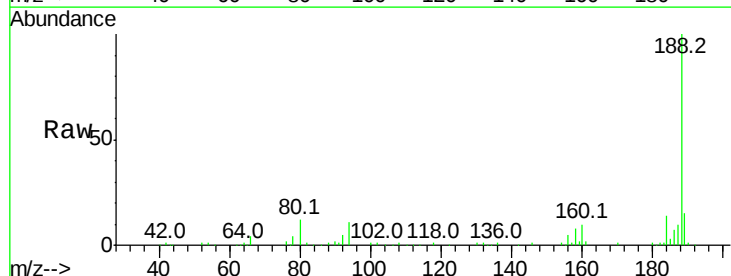
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095268.D
 Acq: 19 May 2017 17:53

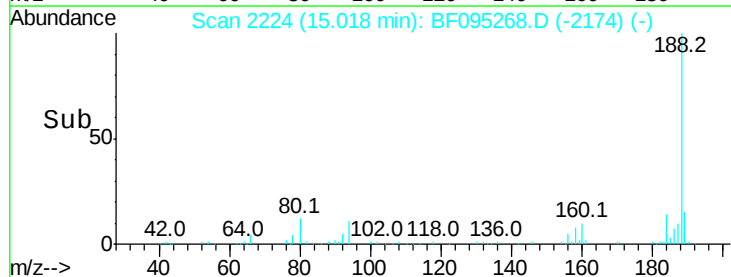
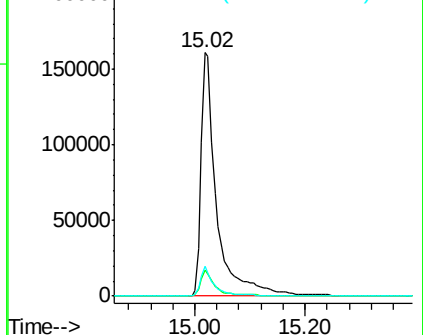
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	12.1	10.2	15.2



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: BF095268.D

Acq: 19 May 2017 17:53

Instrument :

BNA_F

ClientSampleId :

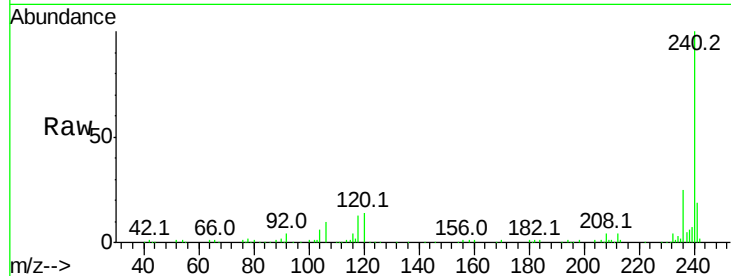
Tot Ion:240 Resp: 282724

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

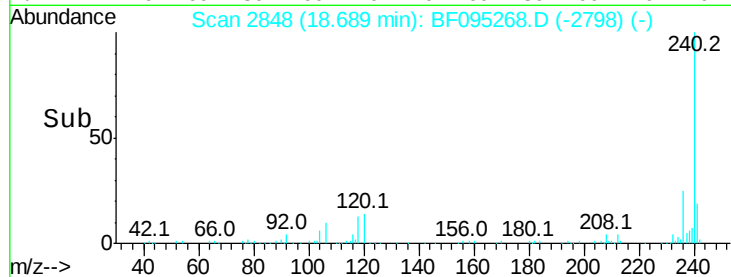
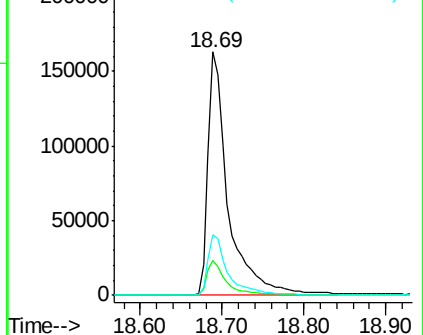
236 24.7 20.5 30.7



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: 85.37 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095268.D

Acq: 19 May 2017 17:53

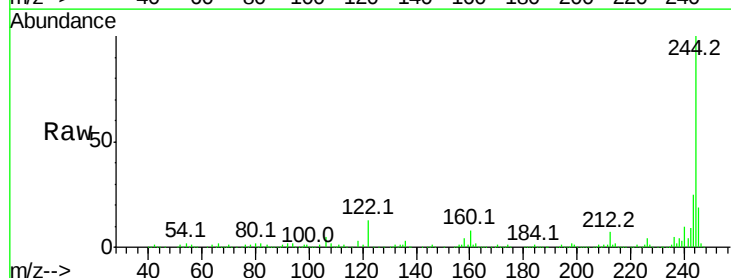
Tgt Ion:244 Resp: 1095758

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

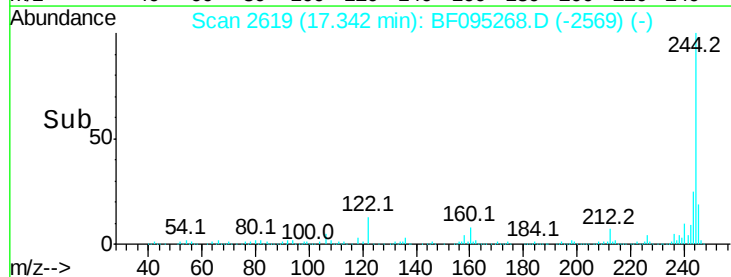
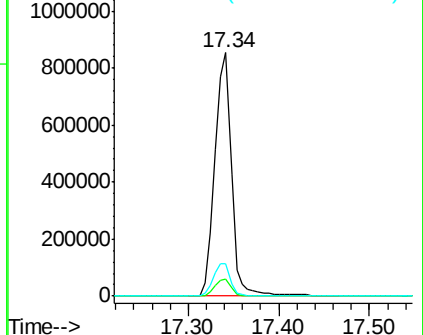
122 13.1 10.3 15.5

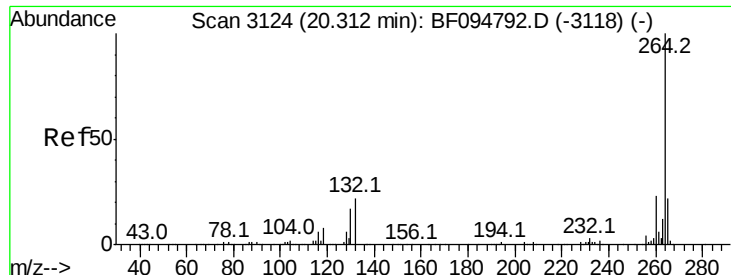


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

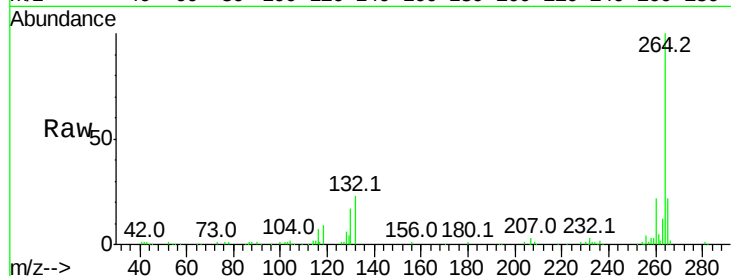




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095268.D
Acq: 19 May 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.7	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

