

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095294.D
 Acq On : 20 May 2017 9:23
 Operator : SJ/MA
 Sample : I3235-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:55:30 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

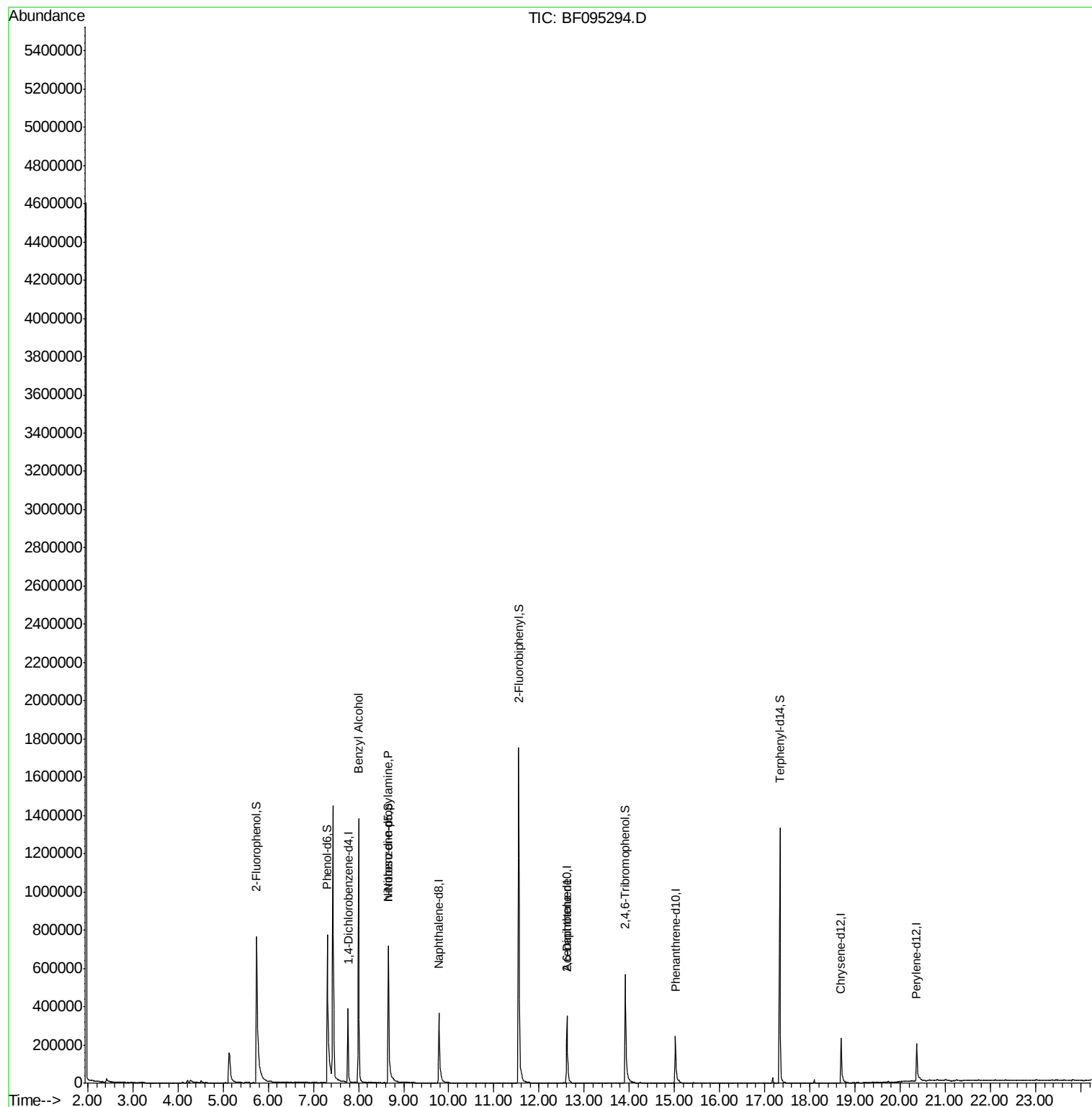
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85873	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	360764	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	147479	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	206553	20.00	ng	0.00
75) Chrysene-d12	18.69	240	156790	20.00	ng	0.00
86) Perylene-d12	20.36	264	130469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	625724	121.48	ng	0.00
7) Phenol-d6	7.31	99	684985	110.84	ng	0.00
23) Nitrobenzene-d5	8.66	82	464678	81.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	133743	110.73	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	982657	95.90	ng	-0.01
78) Terphenyl-d14	17.34	244	583531	81.97	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.00	79	8016	2.02	ng	# 45
19) n-Nitroso-di-n-propylamine	8.66	70	55194	13.21	ng	# 77
50) 2,6-Dinitrotoluene	12.61	165	14616	5.92	ng	# 31

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
Data File : BF095294.D
Acq On : 20 May 2017 9:23
Operator : SJ/MA
Sample : I3235-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 22 01:55:30 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



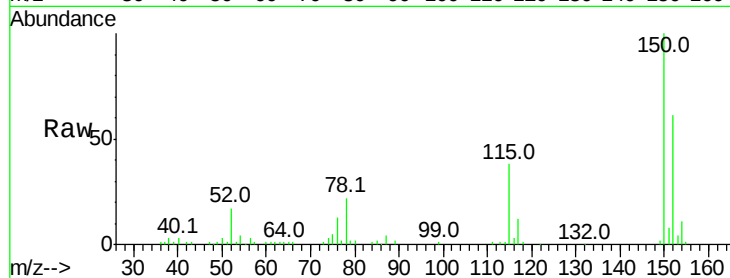


#1

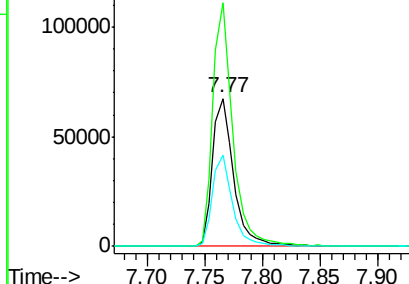
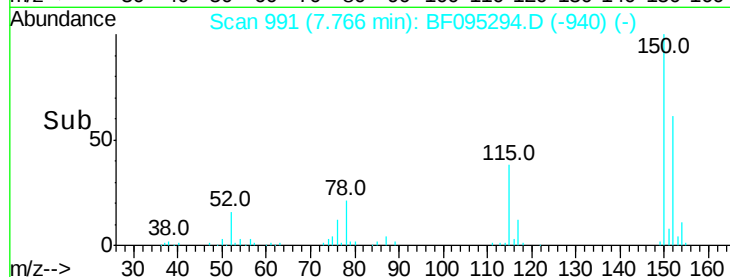
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85873
Ion Ratio Lower Upper
152 100
150 164.3 126.2 189.2
115 61.8 52.2 78.2



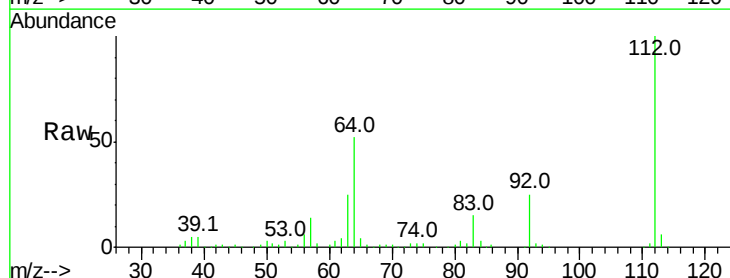
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



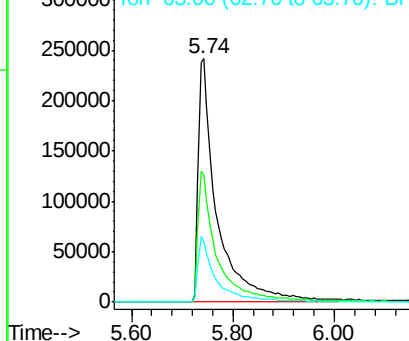
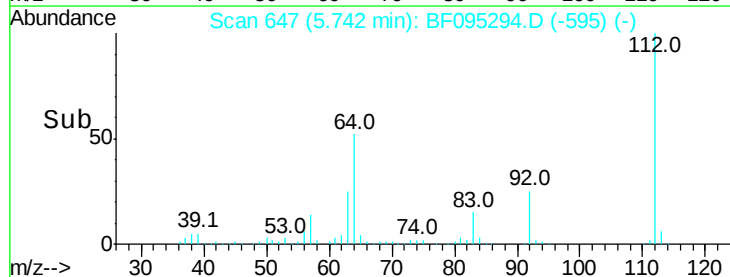
#5

2-Fluorophenol
Concen: 121.48 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Tgt Ion:112 Resp: 625724
Ion Ratio Lower Upper
112 100
64 52.3 46.0 69.0
63 24.9 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: 110.84 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095294.D

Acq: 20 May 2017 9:23

Instrument :

BNA_F

ClientSampleId :

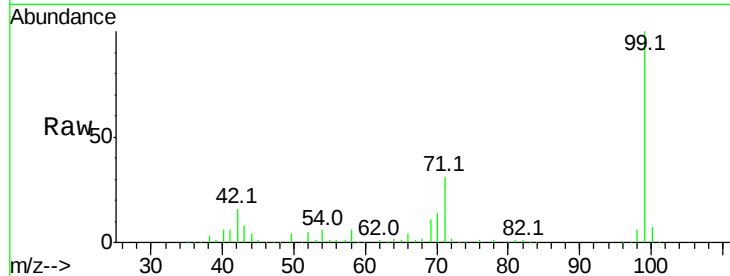
Tot Ion: 99 Resp: 684985

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

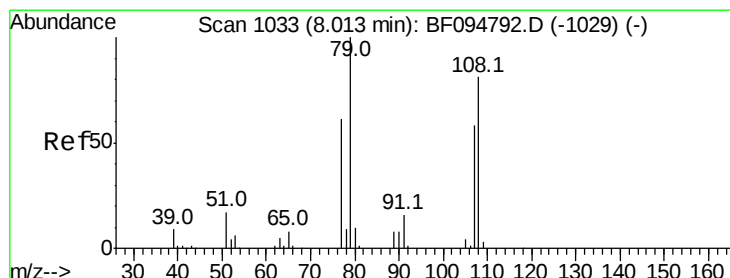
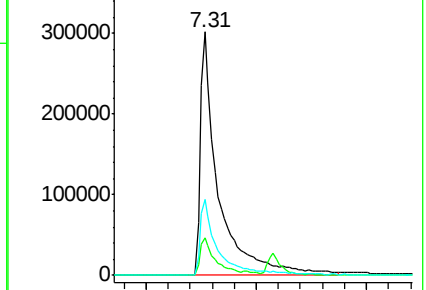
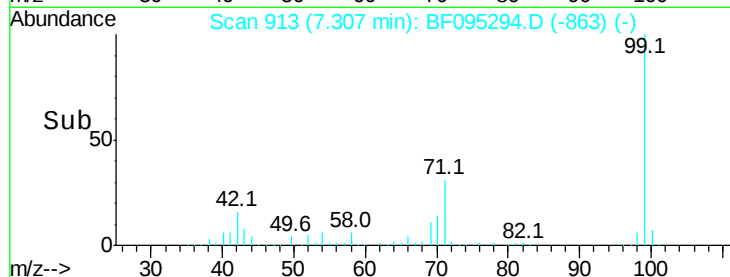
71 31.3 24.5 36.7



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: 2.02 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095294.D

Acq: 20 May 2017 9:23

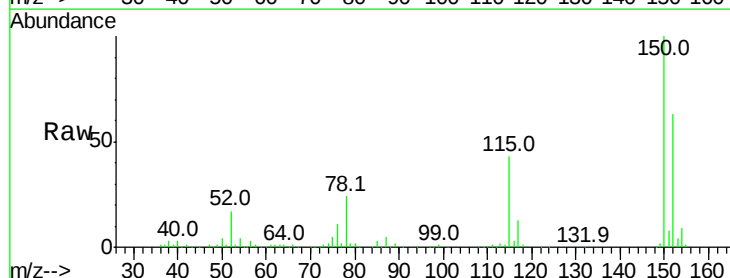
Tgt Ion: 79 Resp: 8016

Ion Ratio Lower Upper

79 100

108 21.3 63.4 95.0#

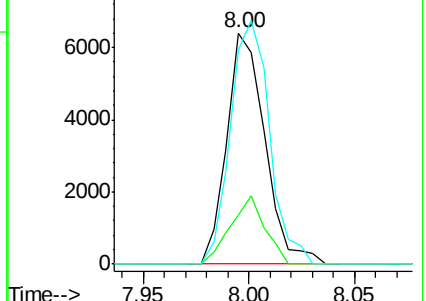
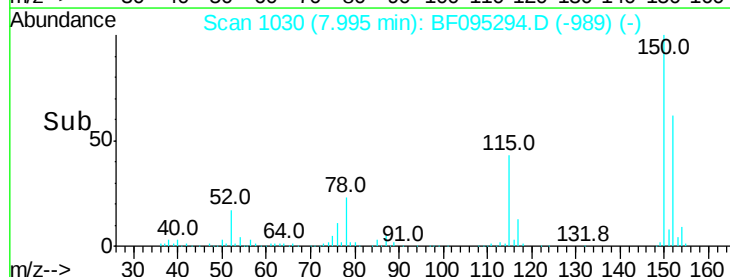
77 92.3 49.2 73.8#

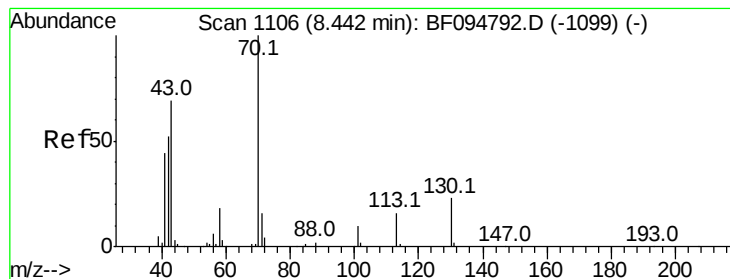


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 13.21 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095294.D

Acq: 20 May 2017 9:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55194

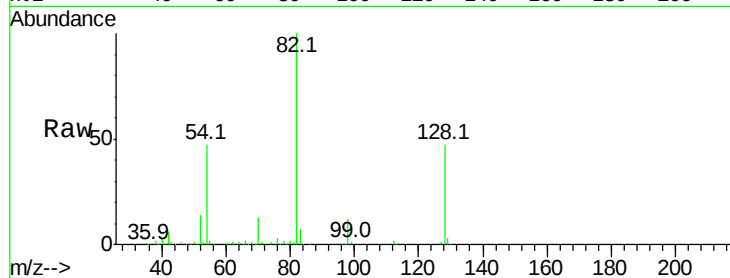
Ion Ratio Lower Upper

70 100

42 45.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

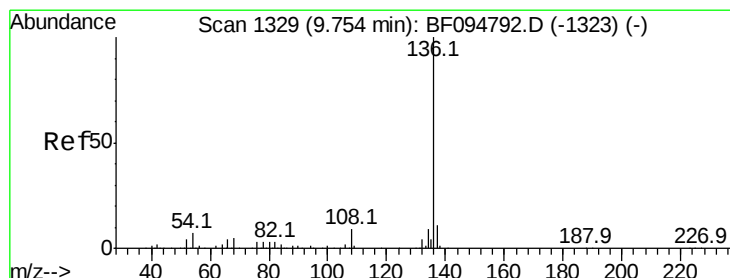
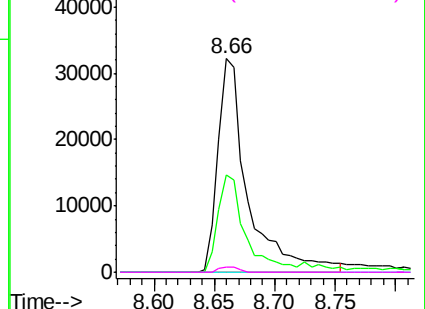
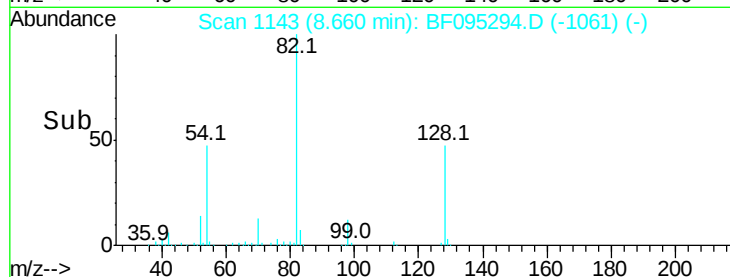


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095294.D

Acq: 20 May 2017 9:23

Tgt Ion: 136 Resp: 360764

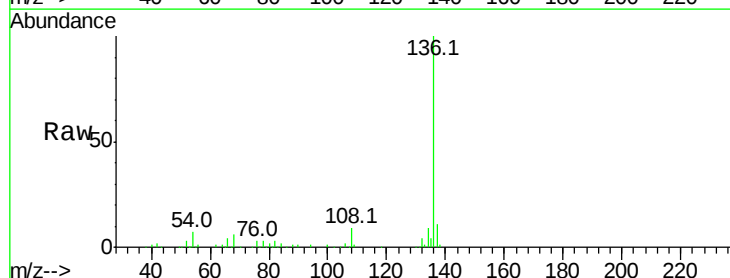
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

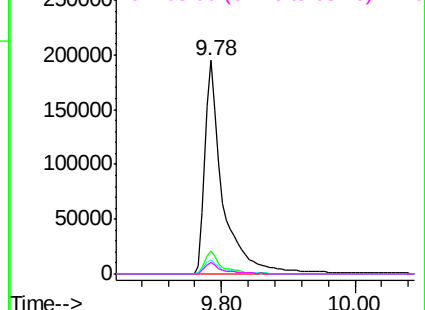
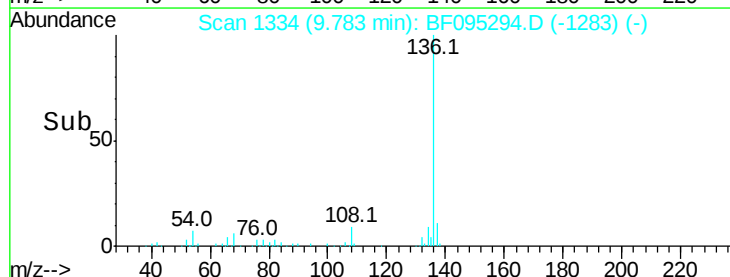


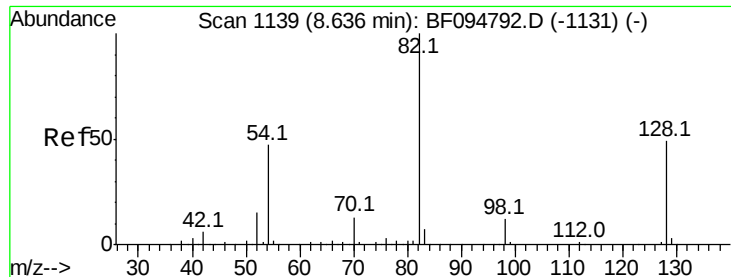
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

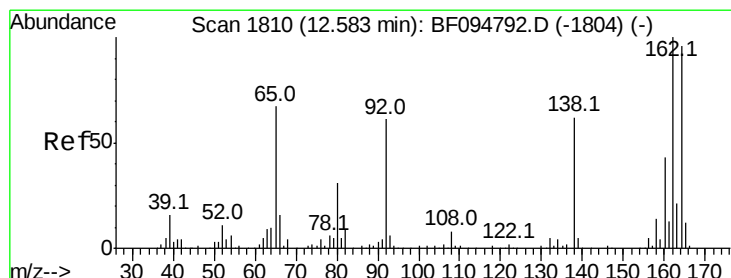
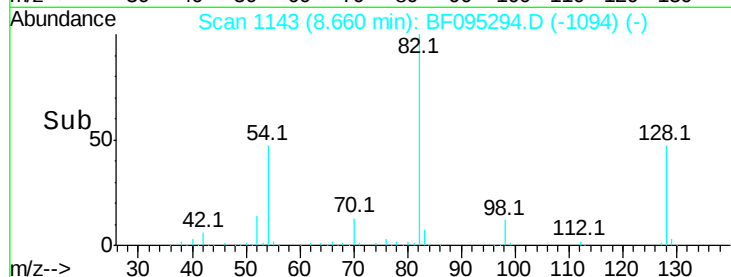
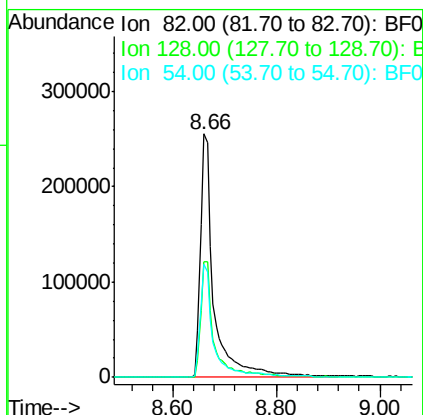
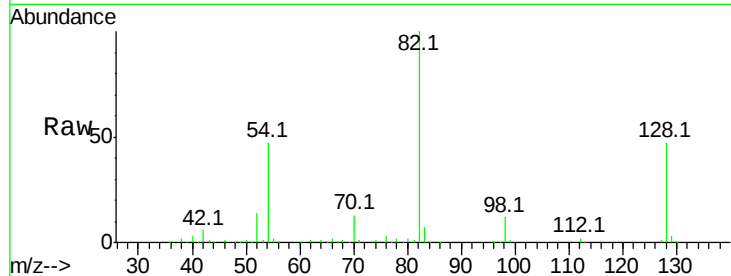




#23
 Nitrobenzene-d5
 Concen: 81.22 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

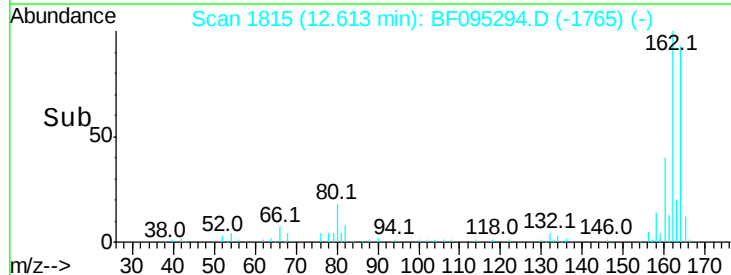
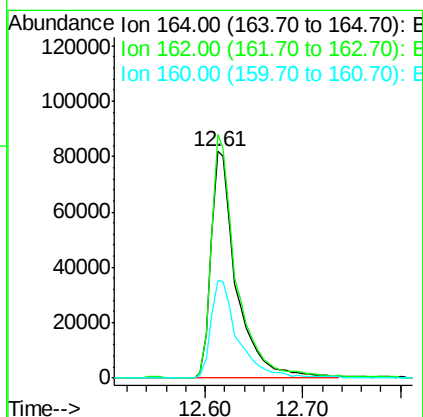
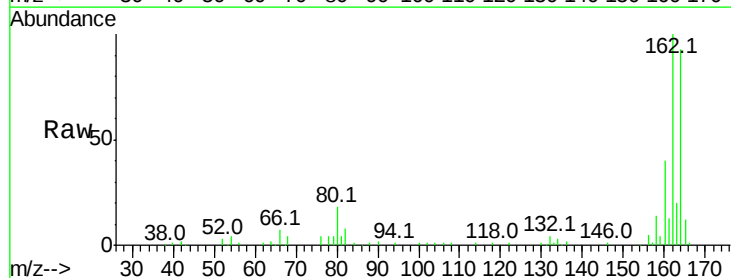
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 464678
 Ion Ratio Lower Upper
 82 100
 128 47.3 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: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion:164 Resp: 147479
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.6 123.8
 160 42.9 36.2 54.2

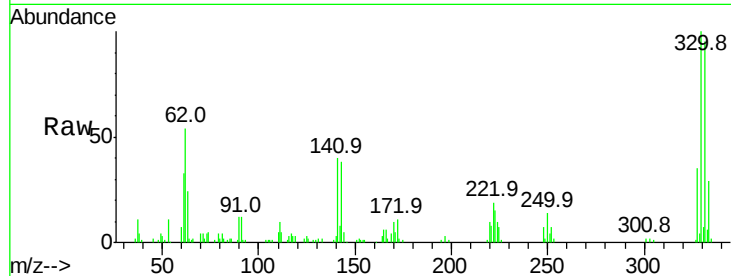




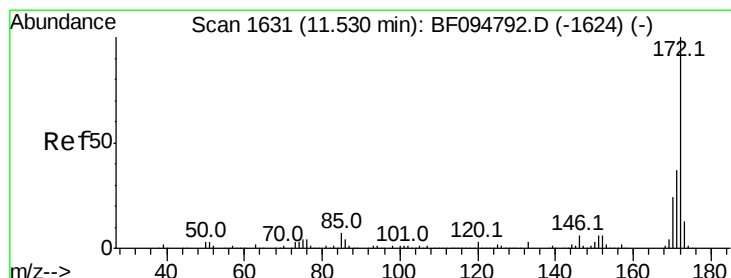
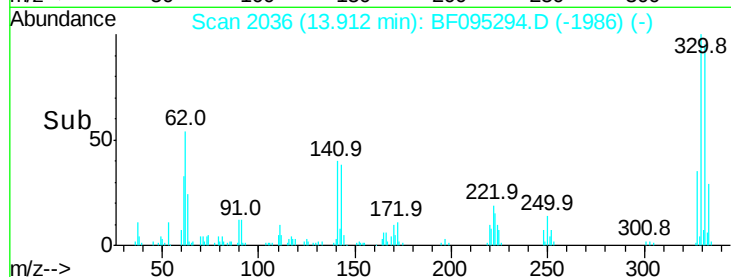
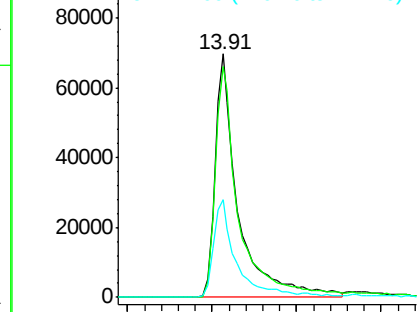
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 133743
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.1 31.4 47.2

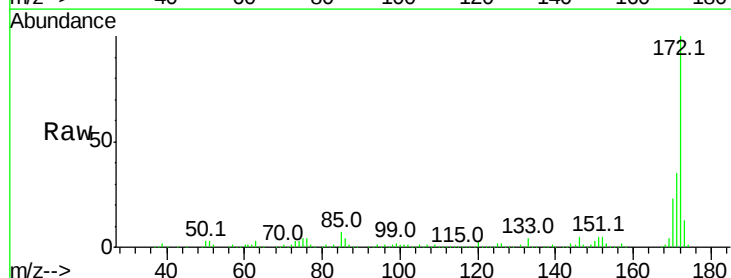


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

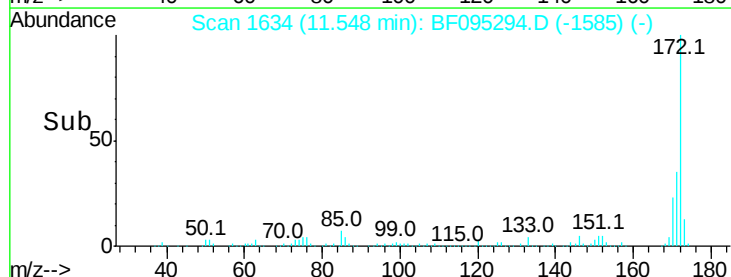
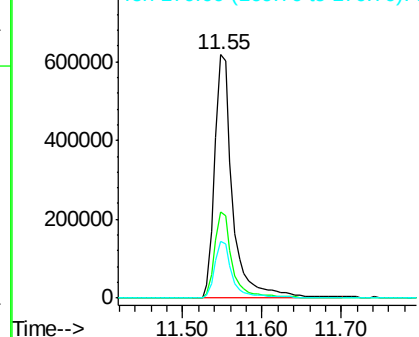


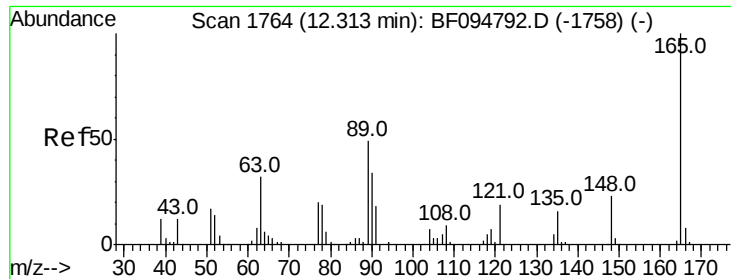
#44
 2-Fluorobiphenyl
 Concen: 95.90 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion:172 Resp: 982657
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.4 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

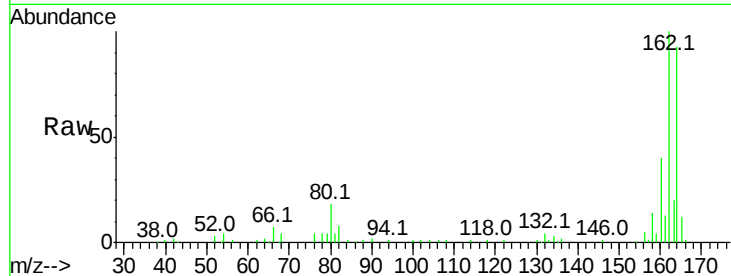




#50
 2,6-Dinitrotoluene
 Concen: 5.92 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Instrument :
 BNA_F
 ClientSampleId :

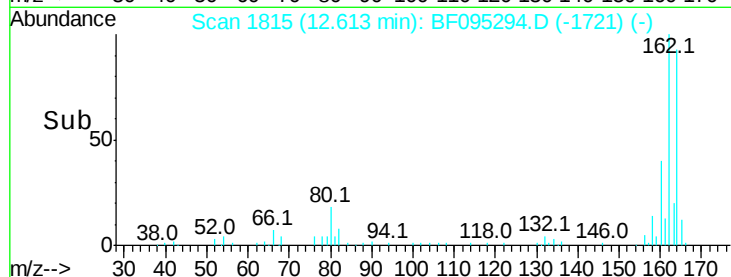
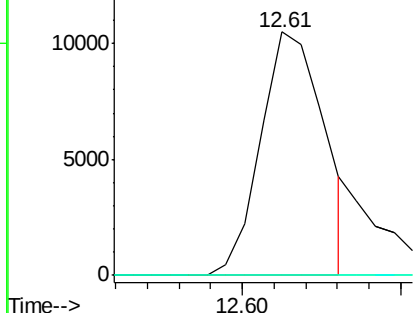
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

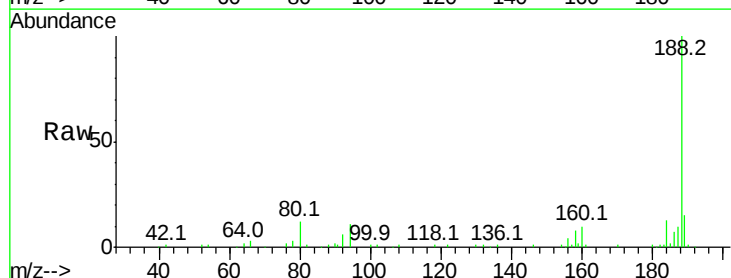
Ion 63.00 (62.70 to 63.70): BF0

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: BF095294.D
 Acq: 20 May 2017 9:23

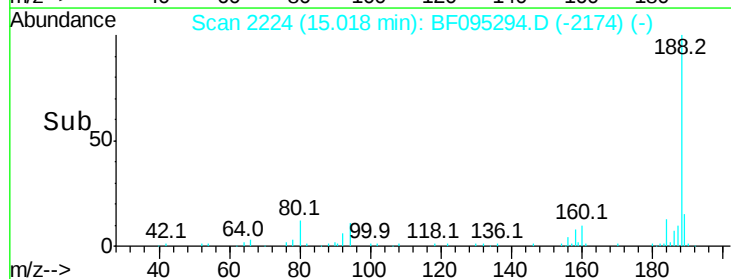
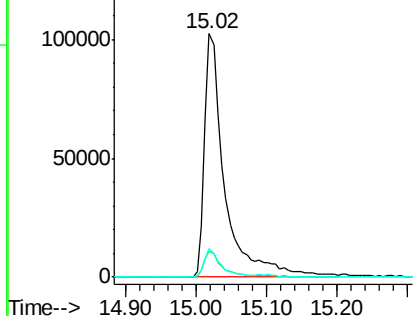
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.7	10.2	15.2



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

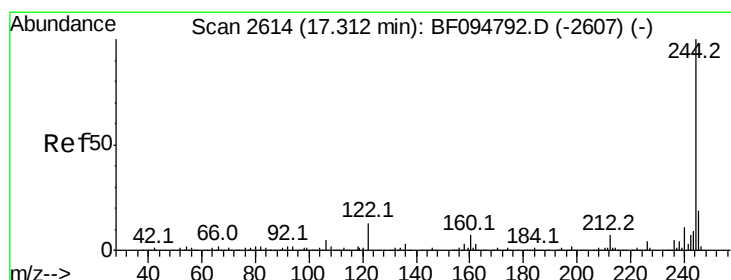
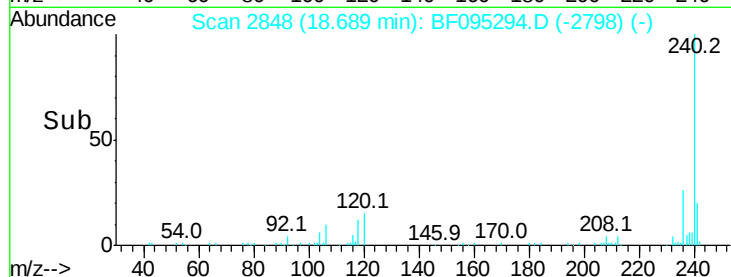
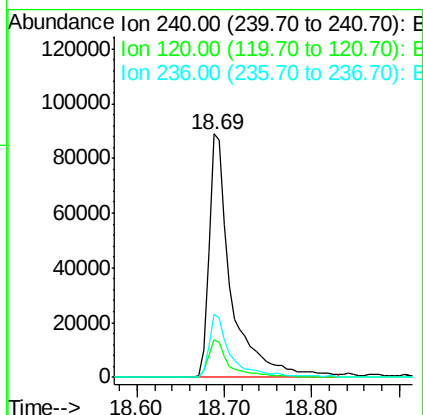
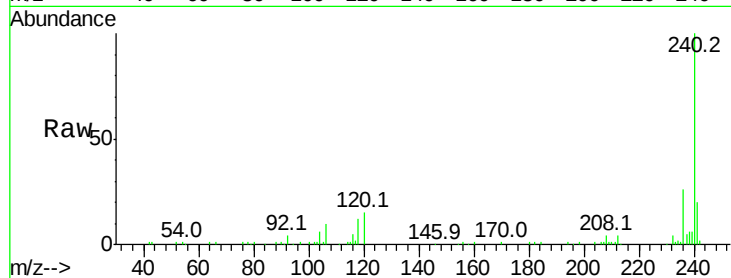




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

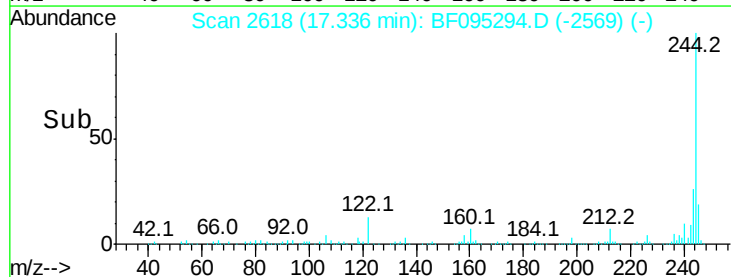
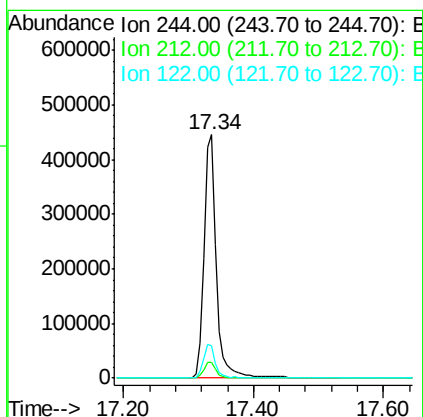
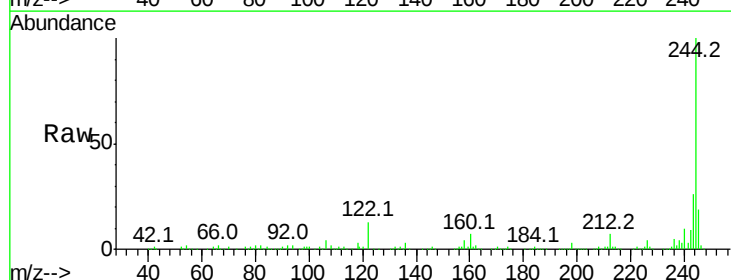
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 156790
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 25.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095294.D
 Acq: 20 May 2017 9:23

Tgt Ion:244 Resp: 583531
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.5 10.3 15.5

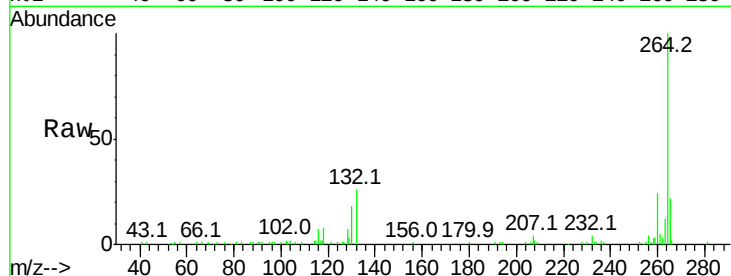




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095294.D
Acq: 20 May 2017 9:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.5	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

