

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095510.D
 Acq On : 27 May 2017 22:20
 Operator : SJ/MA
 Sample : I3306-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:17:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

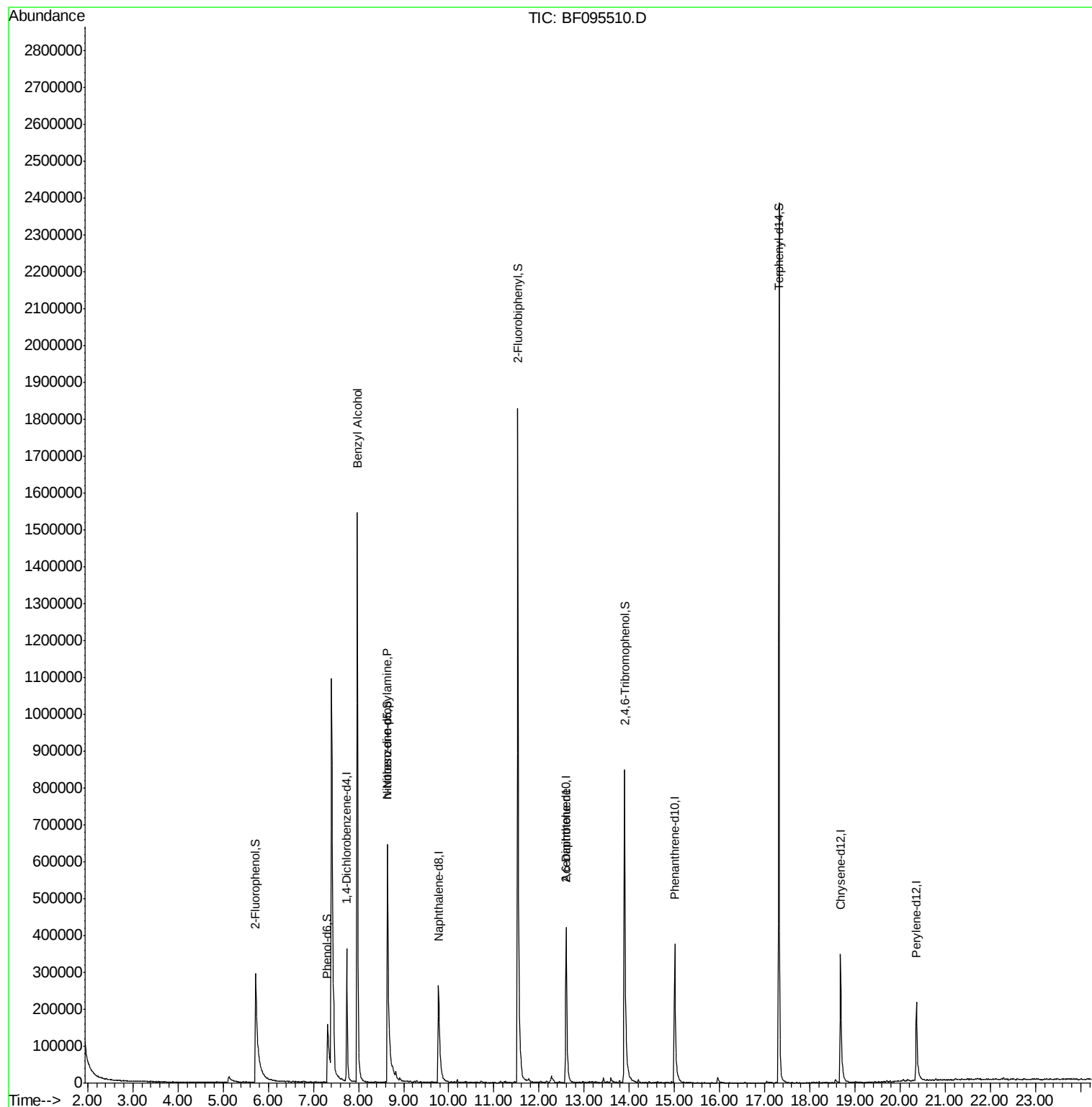
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	92799	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	376677	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	179448	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	326489	20.00	ng	0.00
75) Chrysene-d12	18.68	240	258555	20.00	ng	0.00
86) Perylene-d12	20.36	264	163803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	361076	64.87	ng	0.01
7) Phenol-d6	7.31	99	266968	39.97	ng	0.02
23) Nitrobenzene-d5	8.64	82	568490	95.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	213104	145.01	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1134786	91.02	ng	0.00
78) Terphenyl-d14	17.32	244	1002955	85.44	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.97	79	8971	2.09	ng	# 39
19) n-Nitroso-di-n-propylamine	8.64	70	63455	14.05	ng	# 75
50) 2,6-Dinitrotoluene	12.60	165	20072	6.68	ng	# 31

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

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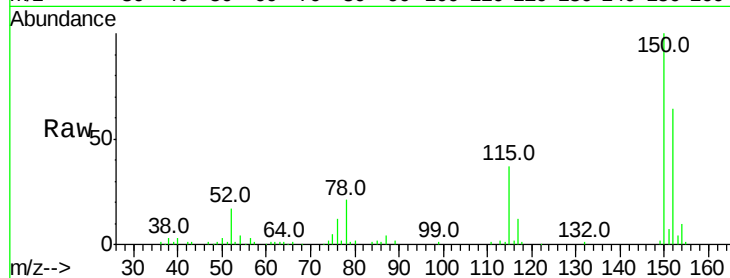


#1

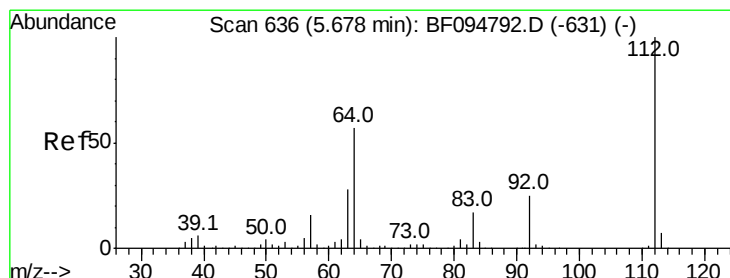
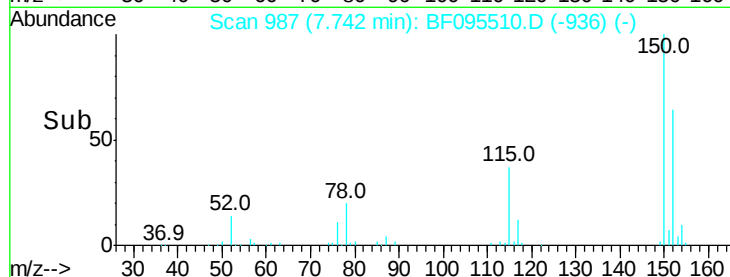
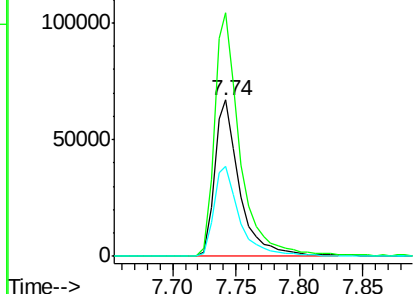
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92799
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 57.4 52.2 78.2



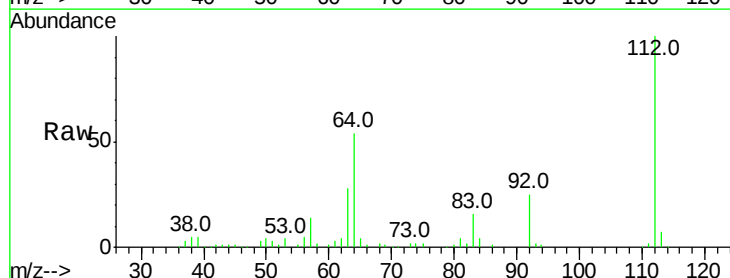
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



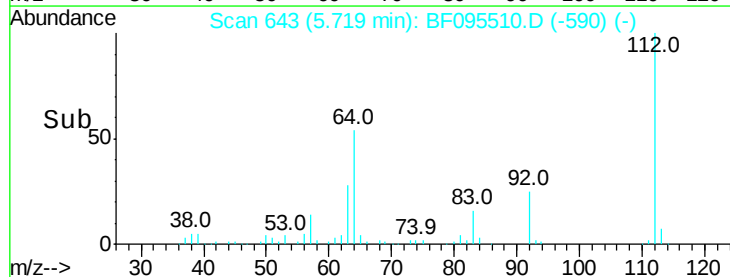
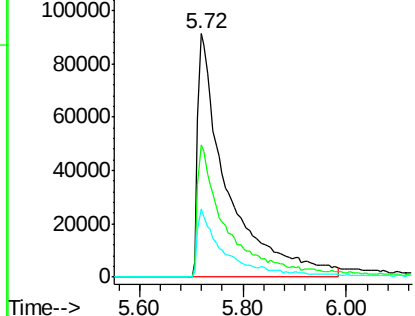
#5

2-Fluorophenol
Concen: 64.87 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:112 Resp: 361076
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 27.9 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: 39.97 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095510.D

Acq: 27 May 2017 22:20

Instrument :

BNA_F

ClientSampleId :

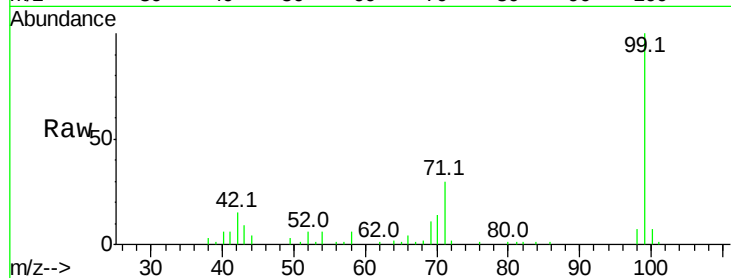
Tot Ion: 99 Resp: 266968

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

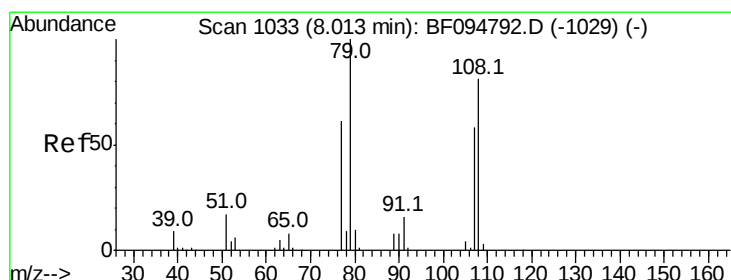
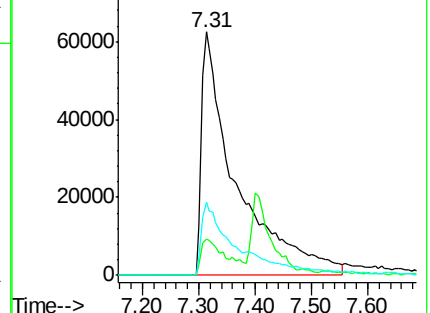
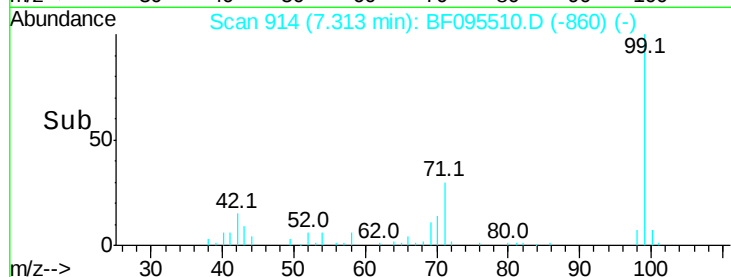
71 30.3 24.5 36.7



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: 2.09 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF095510.D

Acq: 27 May 2017 22:20

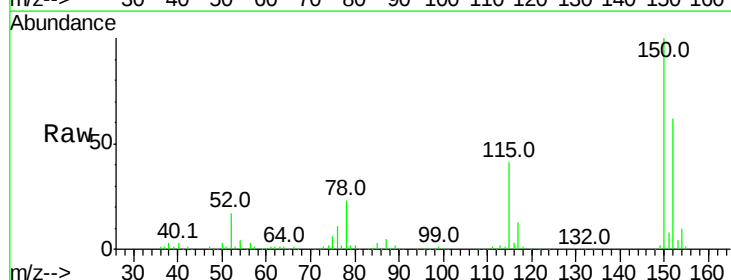
Tgt Ion: 79 Resp: 8971

Ion Ratio Lower Upper

79 100

108 30.5 63.4 95.0#

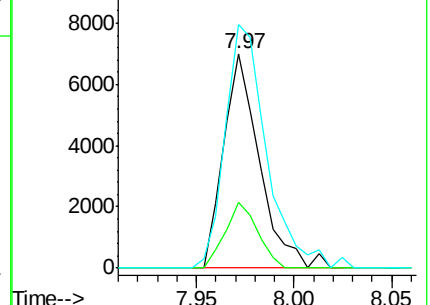
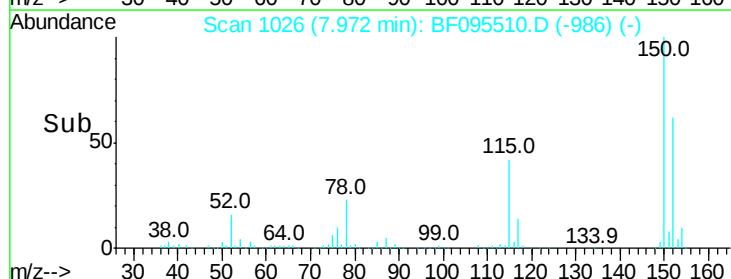
77 113.5 49.2 73.8#



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

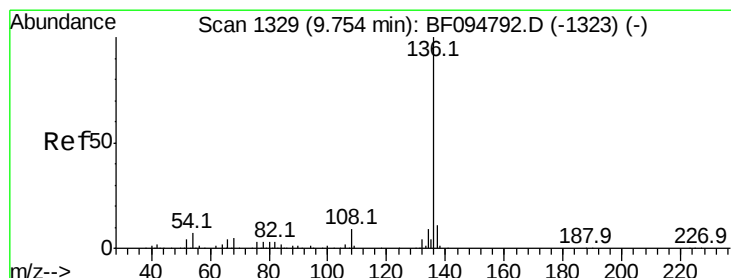
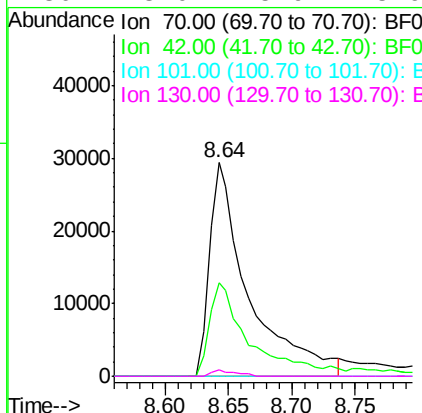
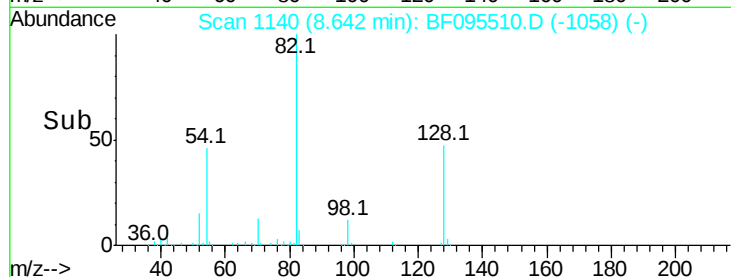
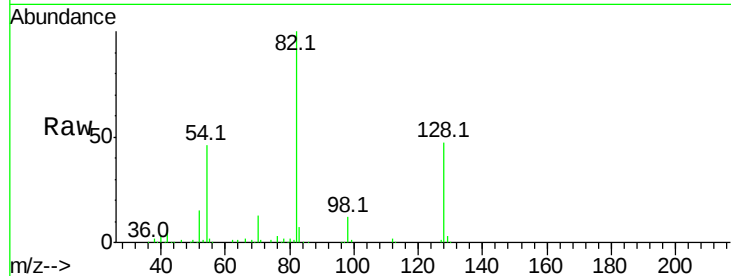




#19
n-Nitroso-di-n-propylamine
Concen: 14.05 ng
RT: 8.64 min Scan# 1140
Delta R.T. 0.18 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

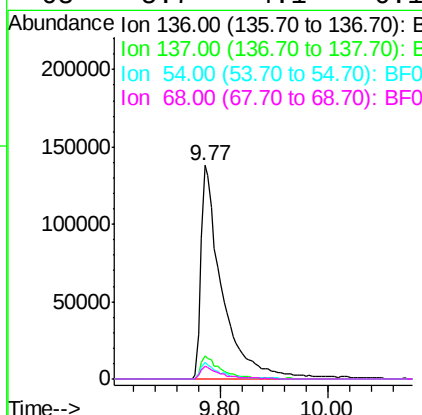
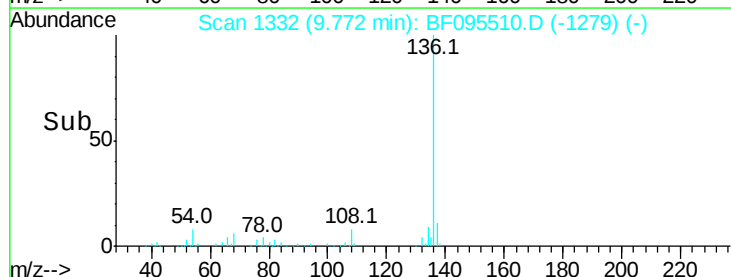
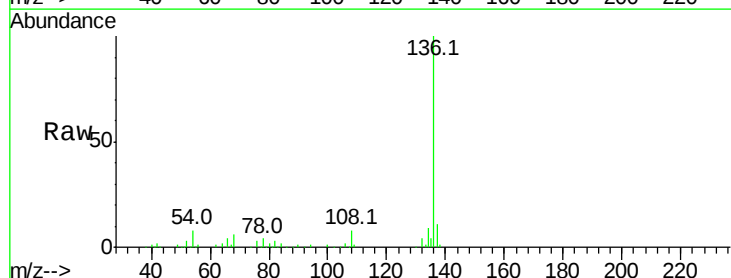
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 63455
Ion Ratio Lower Upper
70 100
42 43.6 47.2 70.8#
101 0.0 7.2 10.8#
130 3.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion: 136 Resp: 376677
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.6 4.9 7.3#
68 5.7 4.1 6.1

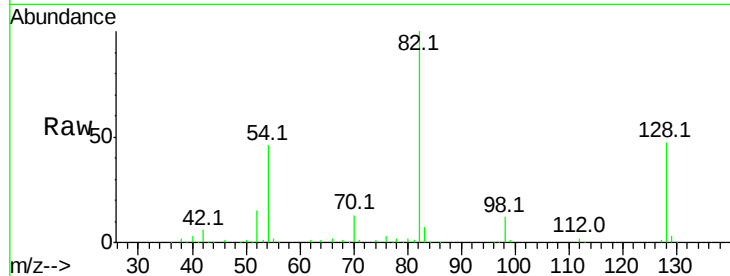




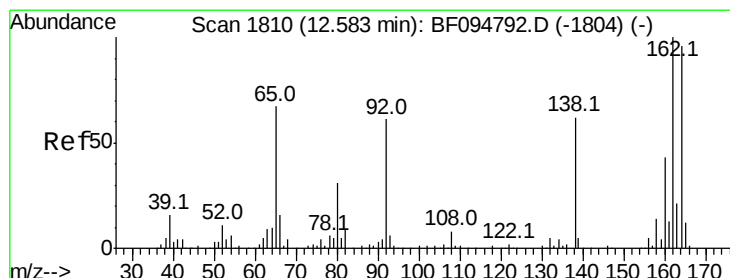
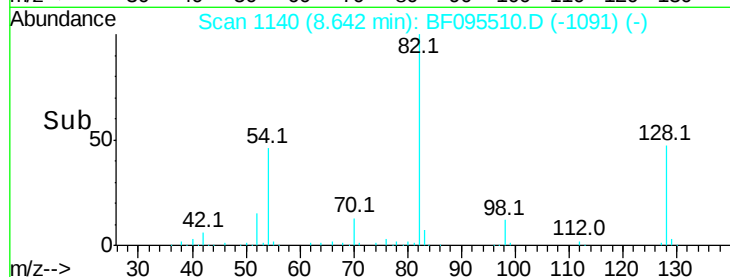
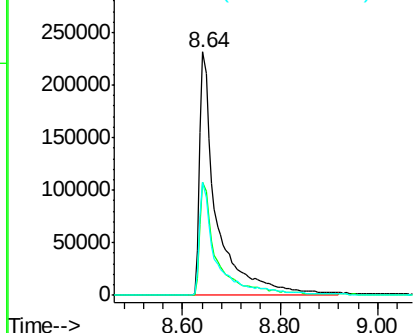
#23
 Nitrobenzene-d5
 Concen: 95.17 ng
 RT: 8.64 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.3	42.2	63.2



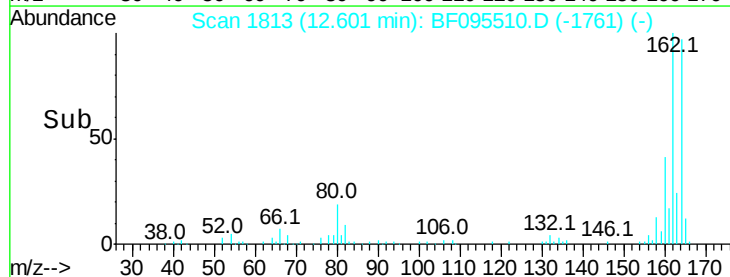
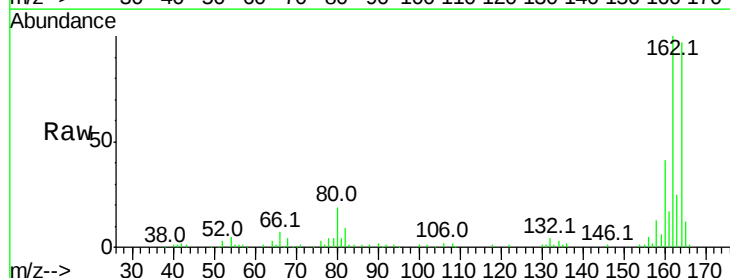
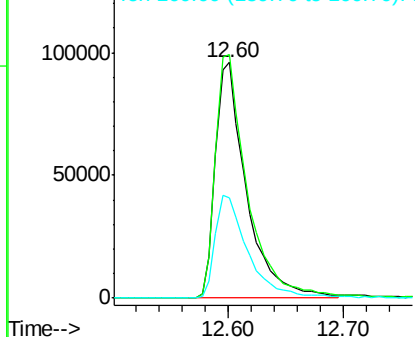
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	42.8	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

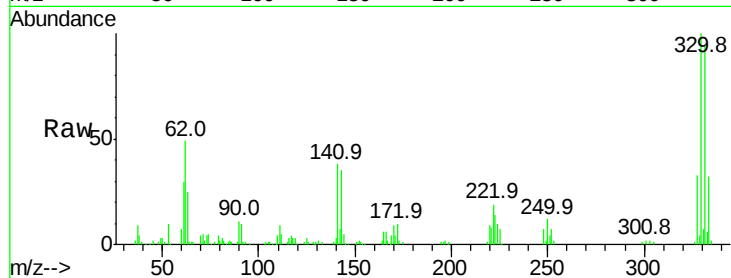




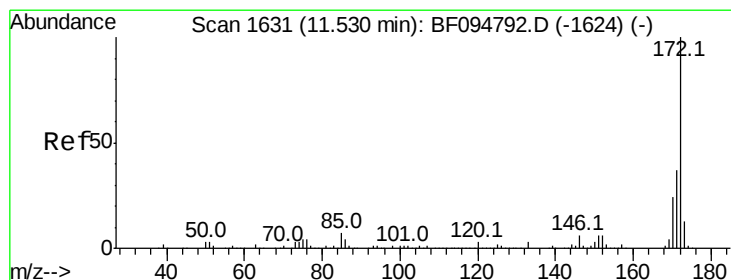
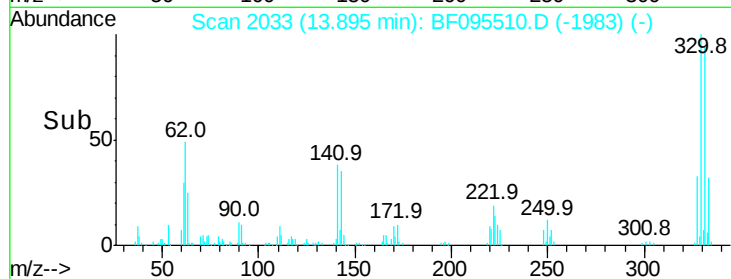
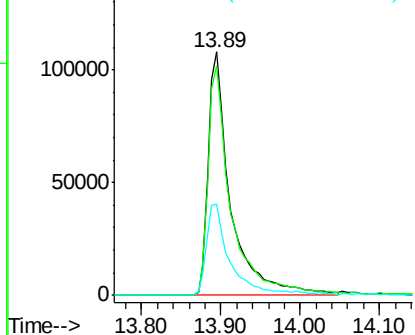
#41
 2,4,6-Tribromophenol
 Concen: 145.01 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.4	31.4	47.2

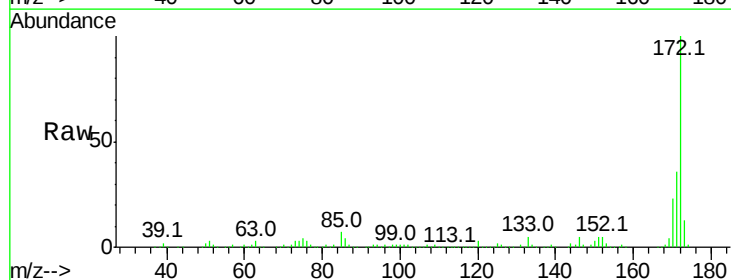


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

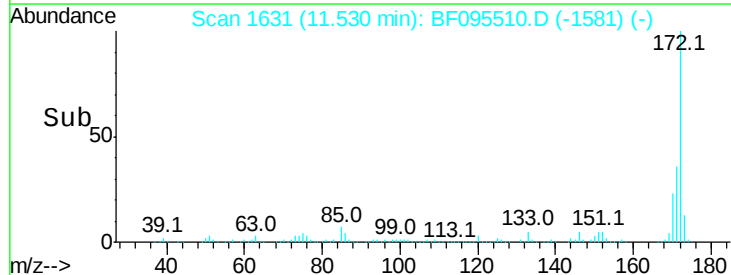
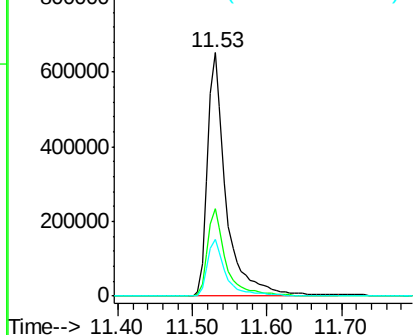


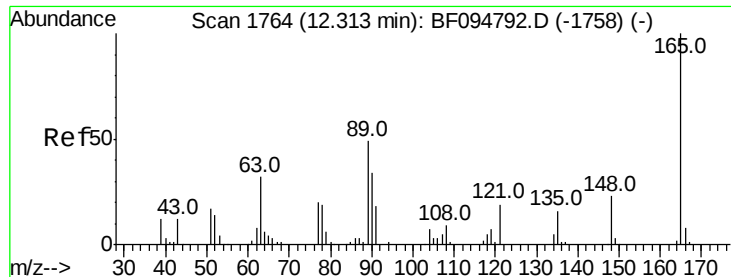
#44
 2-Fluorobiphenyl
 Concen: 91.02 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	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

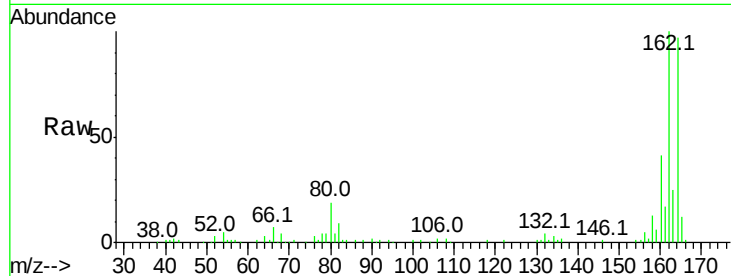




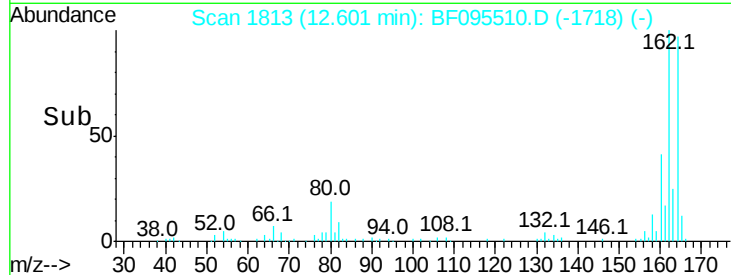
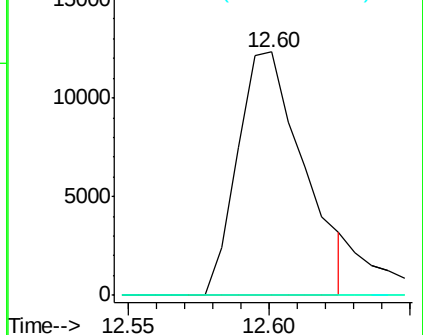
#50
 2,6-Dinitrotoluene
 Concen: 6.68 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. 0.26 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20072
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

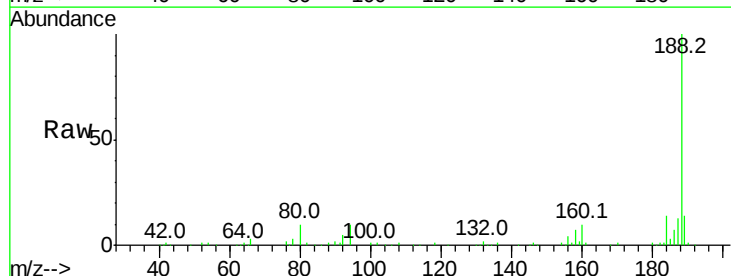


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

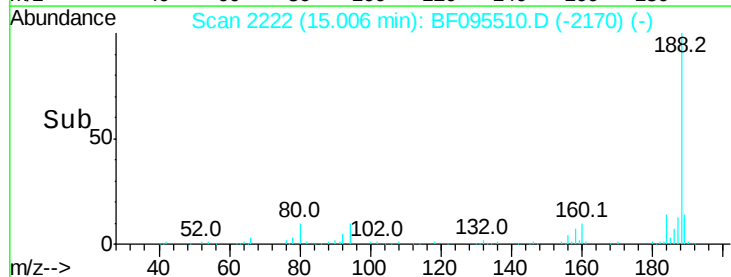
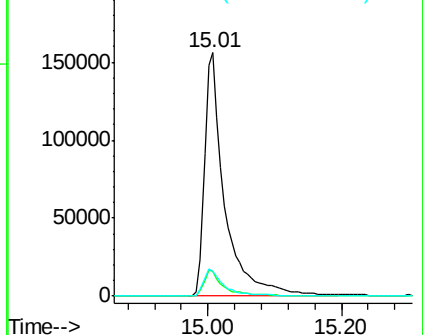


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Tgt Ion:188 Resp: 326489
 Ion Ratio Lower Upper
 188 100
 94 10.3 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

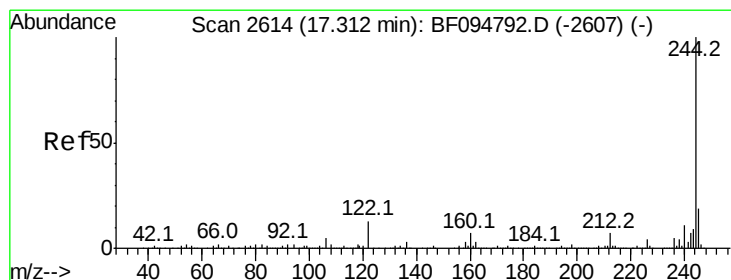
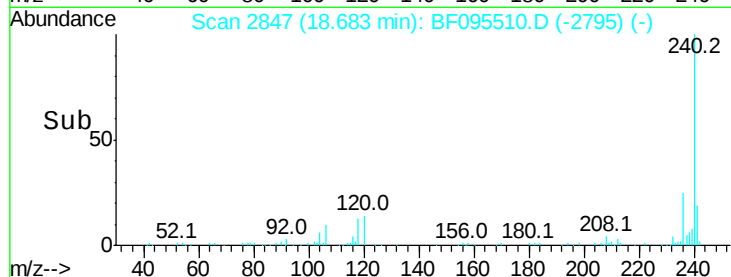
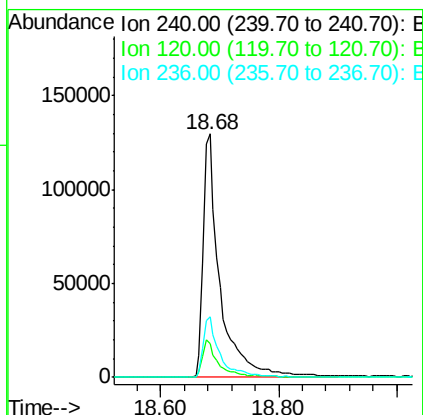
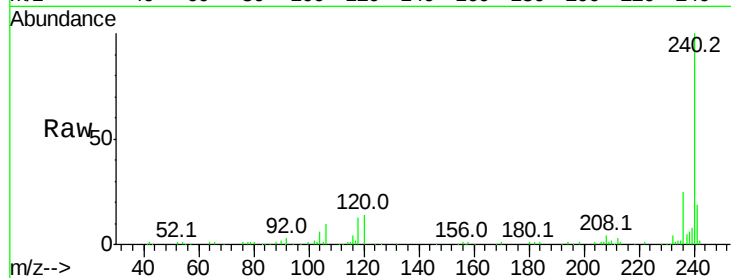




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. 0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

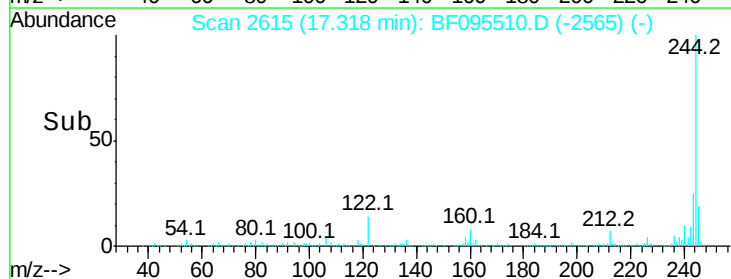
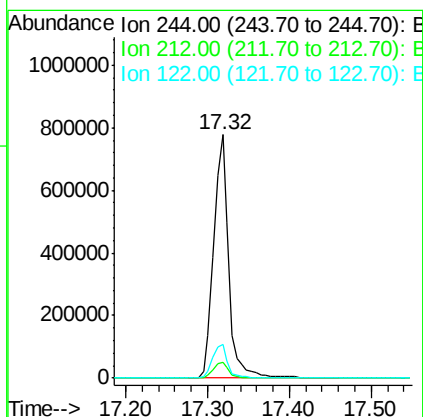
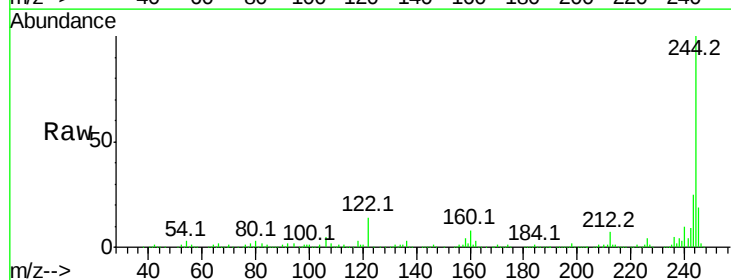
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 258555
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 85.44 ng
 RT: 17.32 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Tgt Ion:244 Resp: 1002955
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.9 10.3 15.5

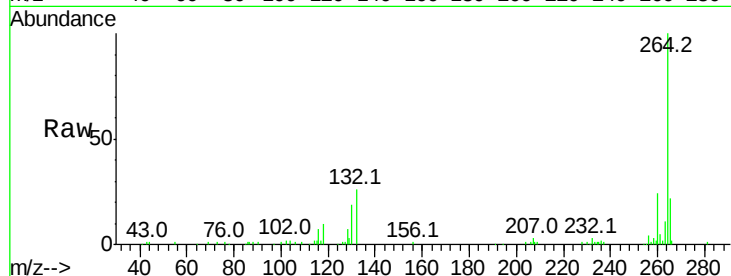




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095510.D
 Acq: 27 May 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.3	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

