

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095504.D
 Acq On : 27 May 2017 19:07
 Operator : SJ/MA
 Sample : I3371-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:15:54 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

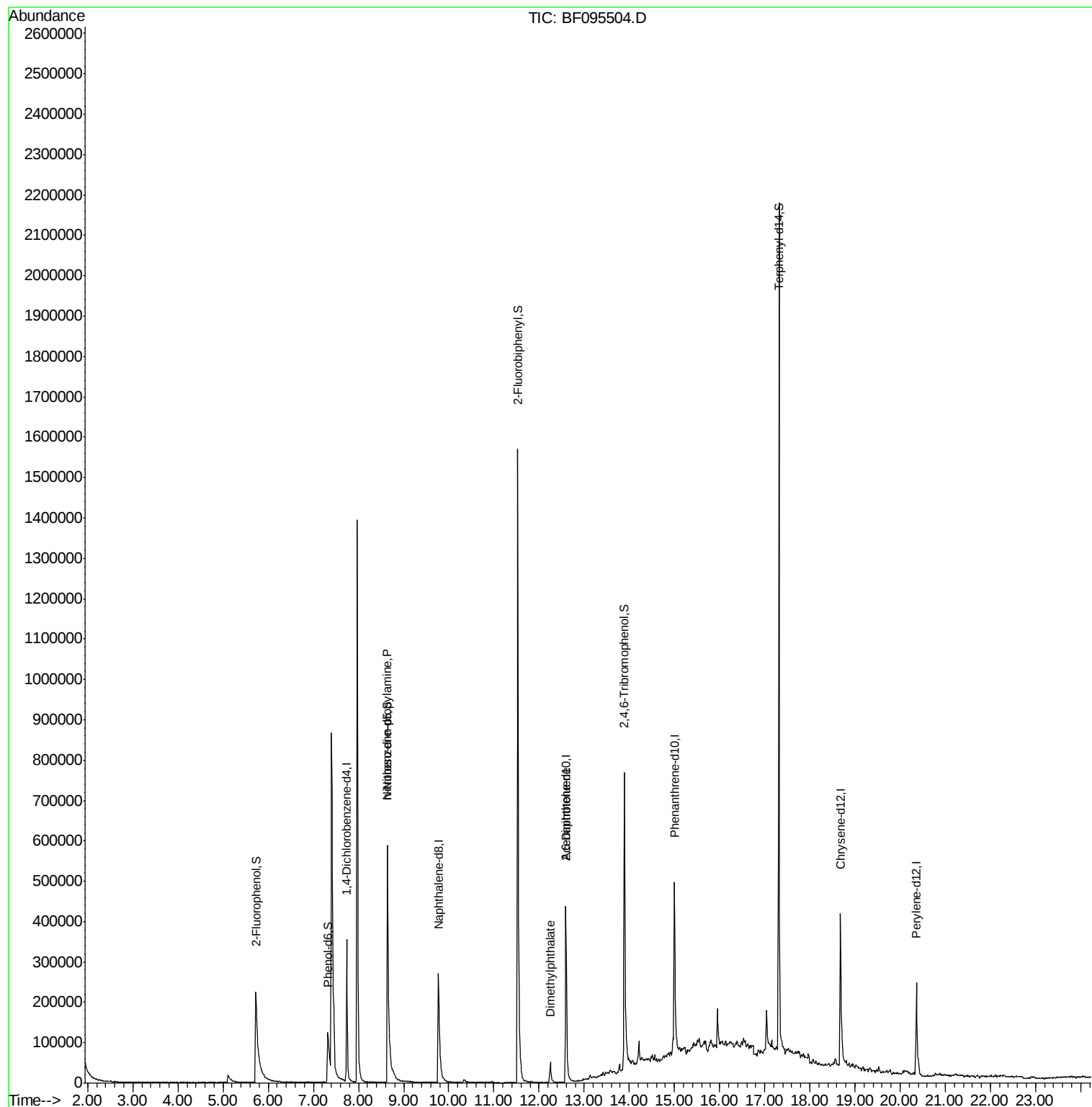
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	88772	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	365557	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	173411	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	304030	20.00	ng	0.00
75) Chrysene-d12	18.68	240	234396	20.00	ng	0.00
86) Perylene-d12	20.36	264	161958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	293956	55.21	ng	0.02
7) Phenol-d6	7.32	99	212817	33.31	ng	0.02
23) Nitrobenzene-d5	8.64	82	502227	86.63	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	172416	121.40	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	985646	81.81	ng	0.00
78) Terphenyl-d14	17.32	244	900070	84.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.64	70	55695	12.89	ng	# 78
49) Dimethylphthalate	12.25	163	50609	3.55	ng	98
50) 2,6-Dinitrotoluene	12.60	165	19019	6.55	ng	# 31

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

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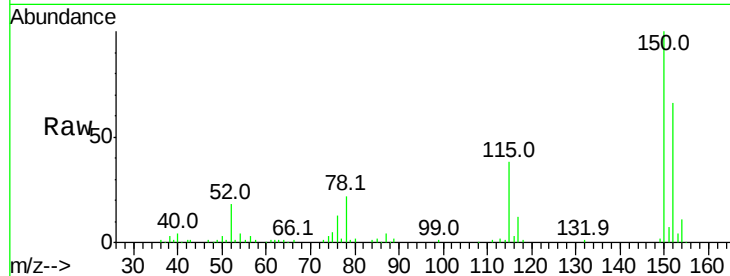


#1

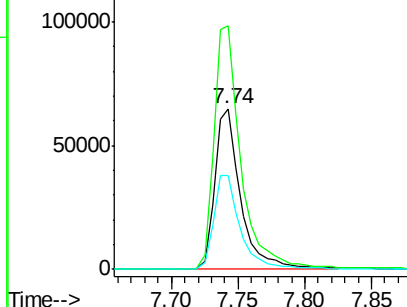
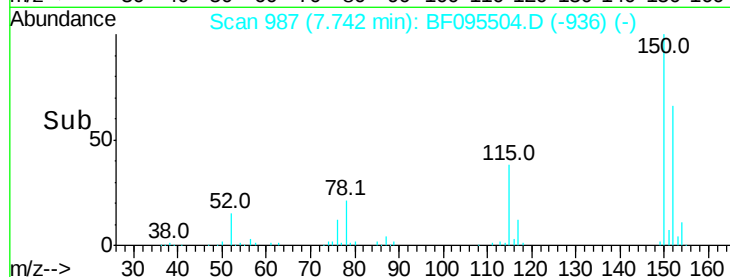
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF095504.D
Acq: 27 May 2017 19:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88772
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 58.1 52.2 78.2



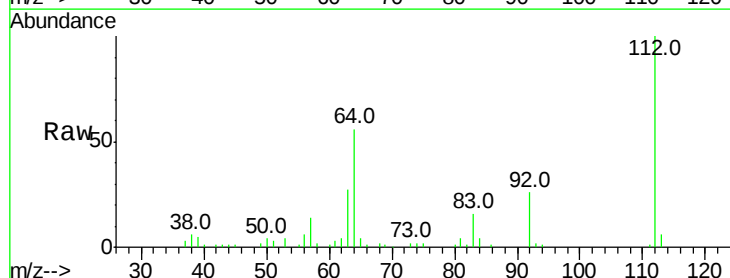
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



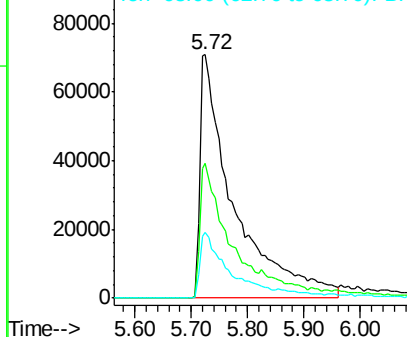
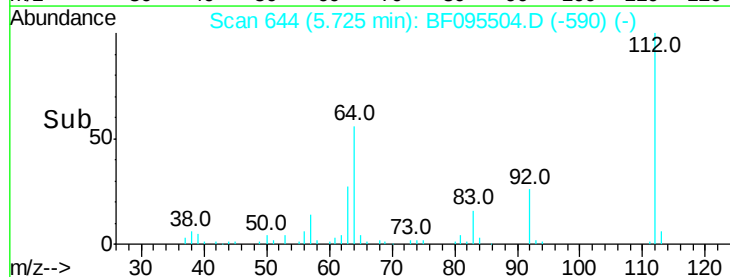
#5

2-Fluorophenol
Concen: 55.21 ng
RT: 5.72 min Scan# 644
Delta R.T. 0.02 min
Lab File: BF095504.D
Acq: 27 May 2017 19:07

Tgt Ion:112 Resp: 293956
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 26.9 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: 33.31 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.02 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

Instrument :

BNA_F

ClientSampleId :

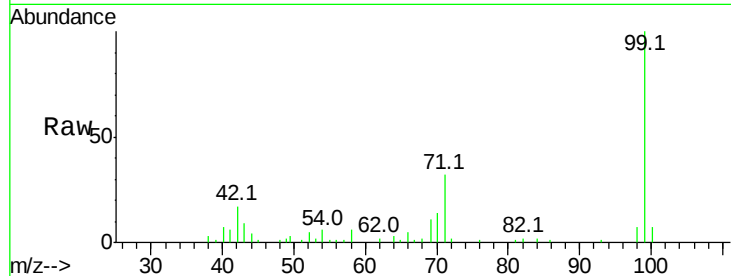
Tot Ion: 99 Resp: 212817

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

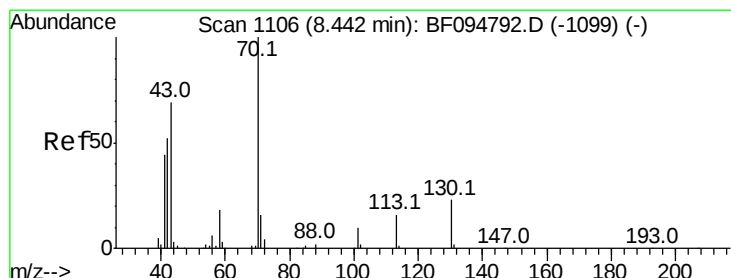
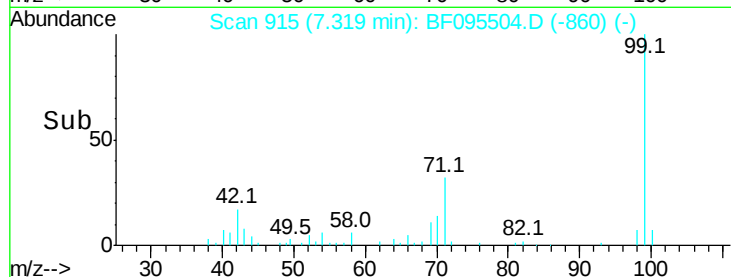
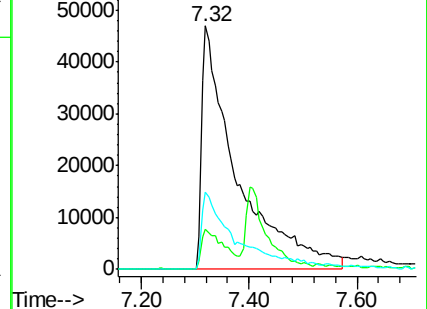
71 31.9 24.5 36.7



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: 12.89 ng

RT: 8.64 min Scan# 1140

Delta R.T. 0.18 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

Tgt Ion: 70 Resp: 55695

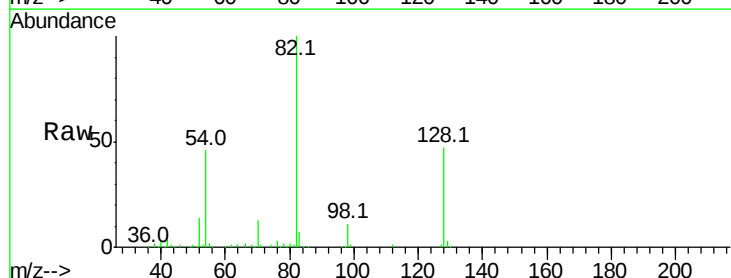
Ion Ratio Lower Upper

70 100

42 47.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

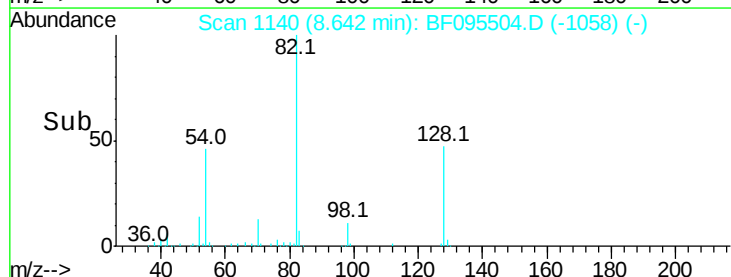
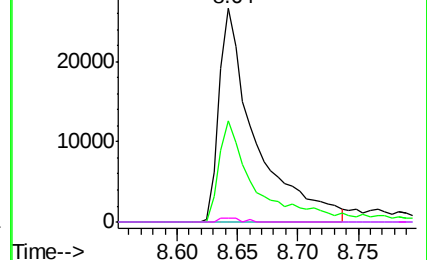


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

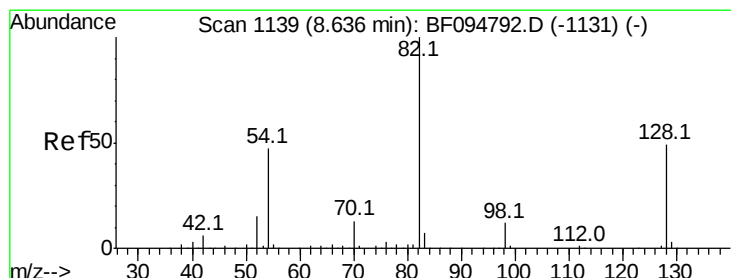
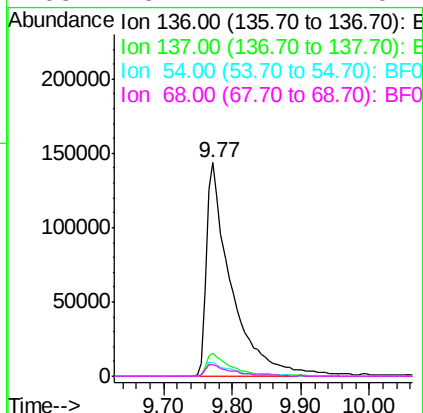
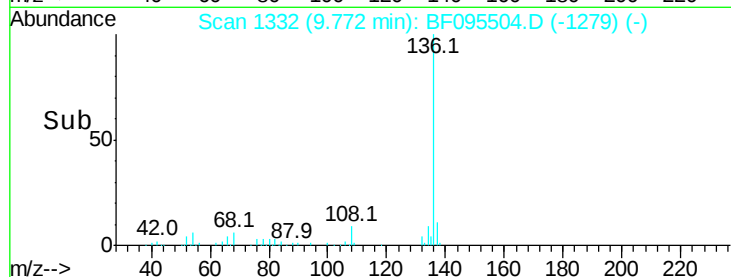
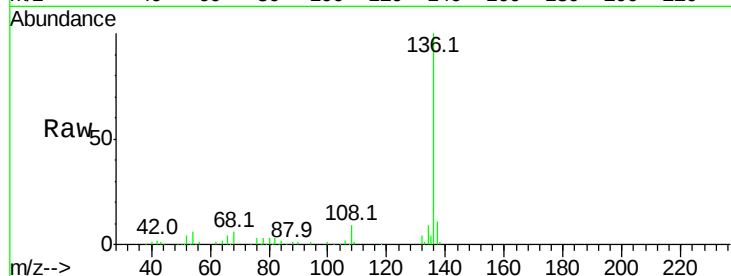




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095504.D
Acq: 27 May 2017 19:07

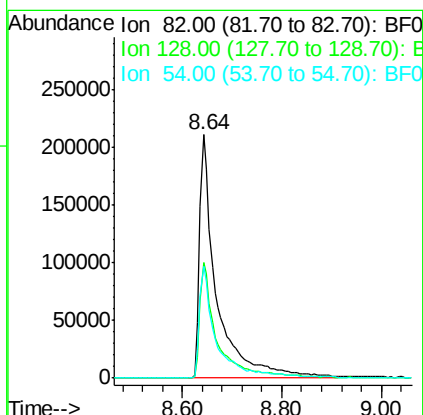
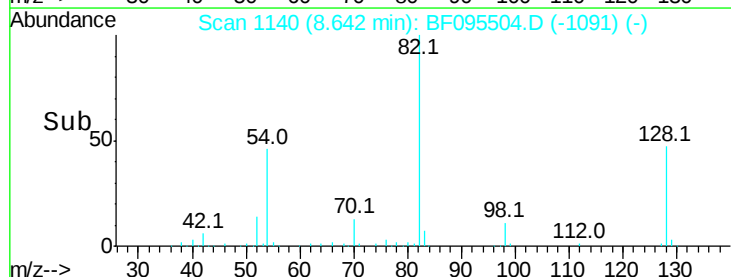
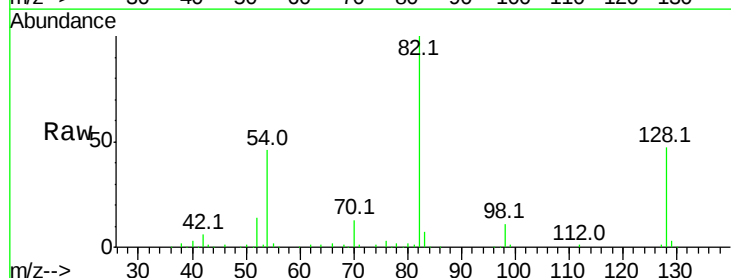
Instrument :
BNA_F
ClientSampleId :

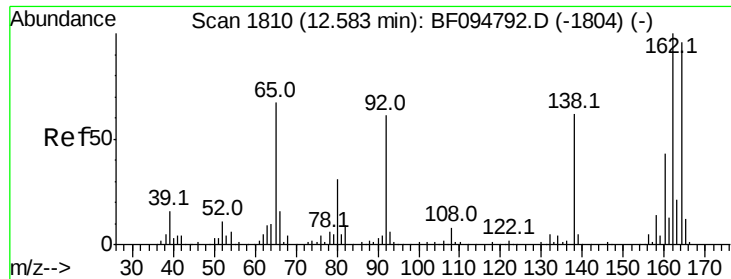
Tot Ion:136	Resp:	365557
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.4	4.9 7.3
68	5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.63 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095504.D
Acq: 27 May 2017 19:07

Tgt Ion: 82	Resp:	502227
Ion Ratio	Lower	Upper
82	100	
128	47.3	34.0 51.0
54	46.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

Instrument :

BNA_F

ClientSampleId :

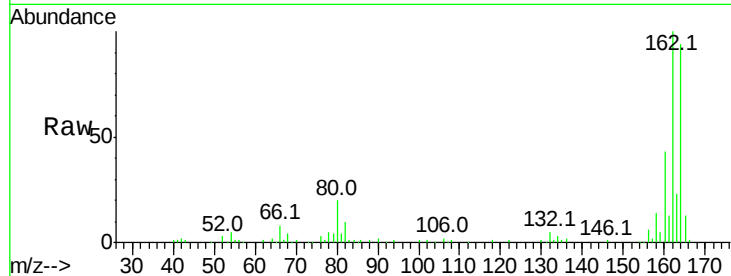
Tot Ion:164 Resp: 173411

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

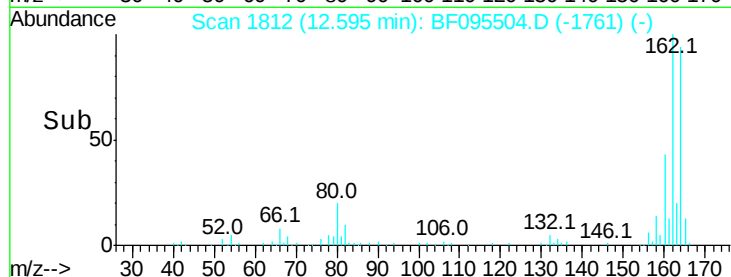
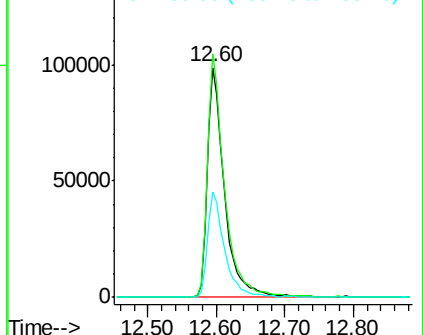
160 45.9 36.2 54.2



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: 121.40 ng

RT: 13.89 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

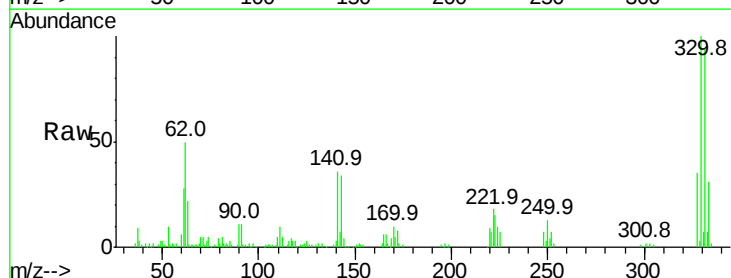
Tgt Ion:330 Resp: 172416

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

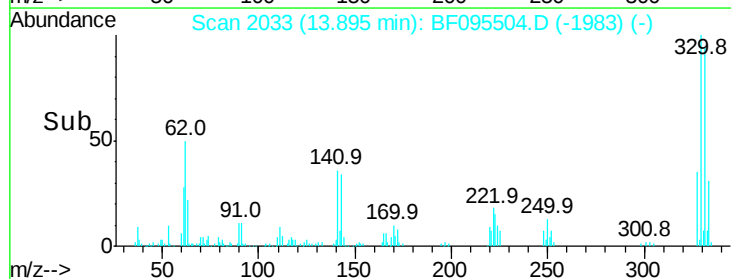
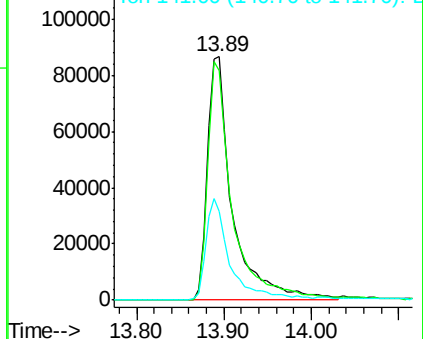
141 40.5 31.4 47.2



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

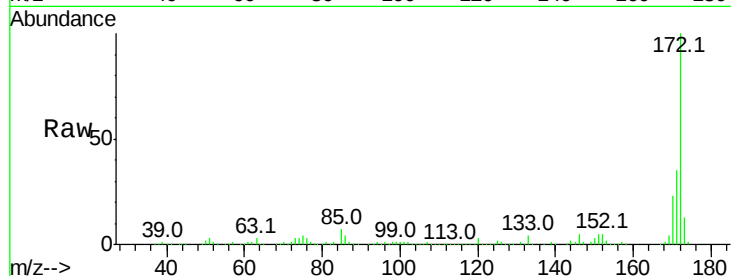




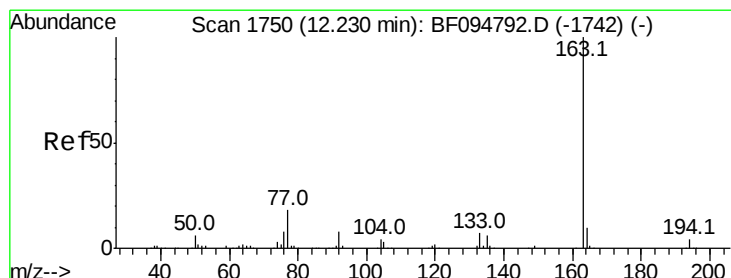
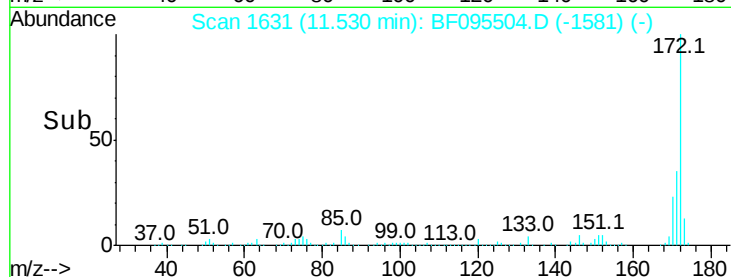
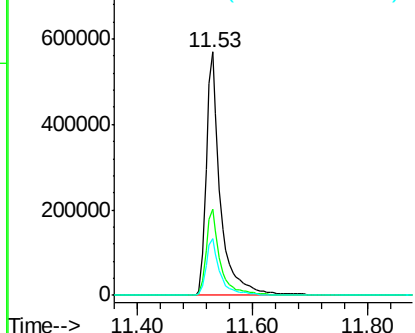
#44
 2-Fluorobiphenyl
 Concen: 81.81 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095504.D
 Acq: 27 May 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 985646
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.0 19.8 29.8

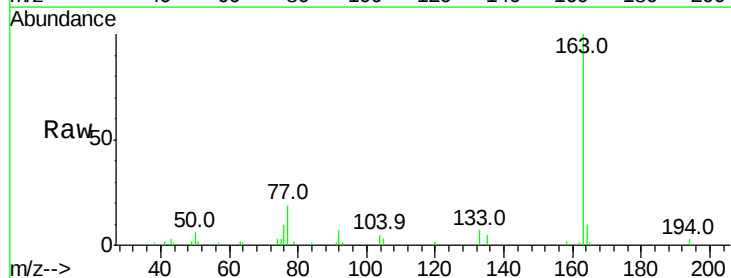


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

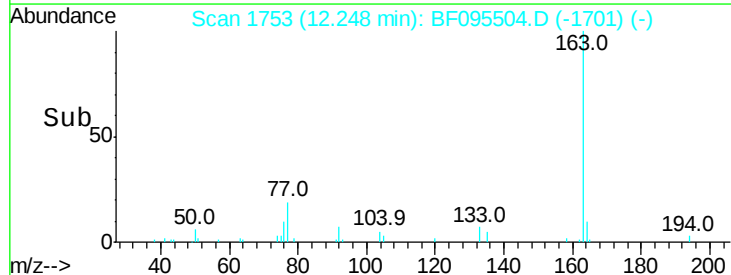
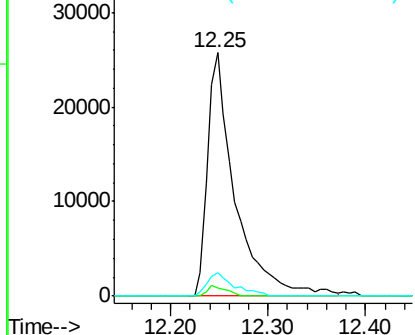


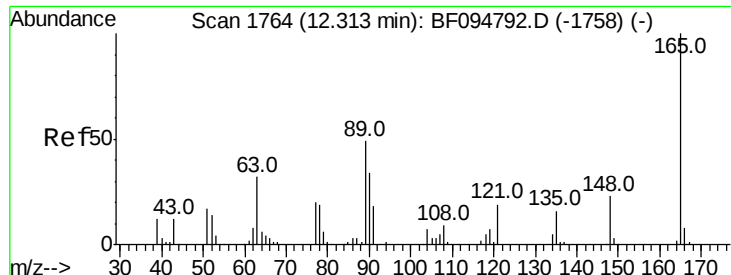
#49
 Dimethylphthalate
 Concen: 3.55 ng
 RT: 12.25 min Scan# 1753
 Delta R.T. 0.01 min
 Lab File: BF095504.D
 Acq: 27 May 2017 19:07

Tgt Ion:163 Resp: 50609
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

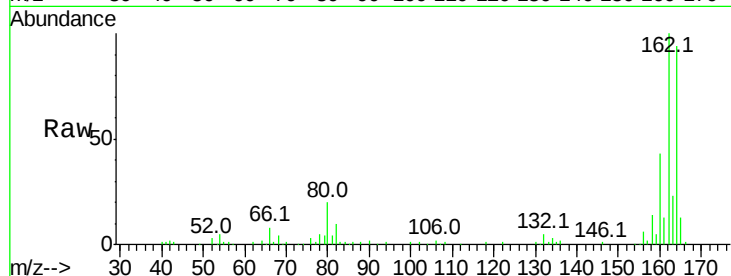




#50
 2,6-Dinitrotoluene
 Concen: 6.55 ng
 RT: 12.60 min Scan# 1812
 Delta R.T. 0.25 min
 Lab File: BF095504.D
 Acq: 27 May 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

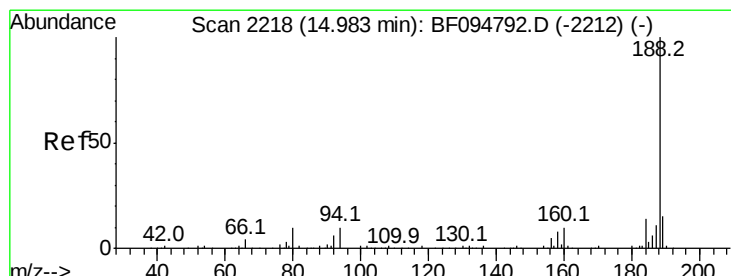
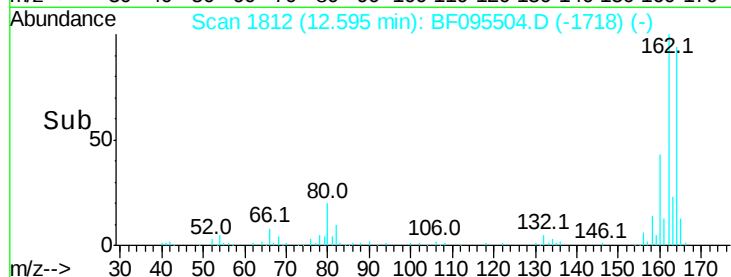
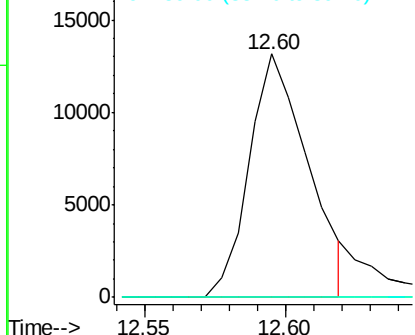
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

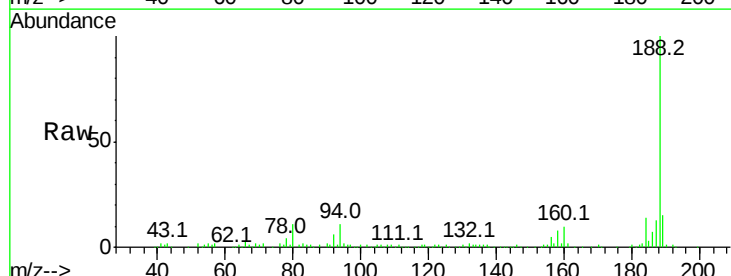
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BF095504.D
 Acq: 27 May 2017 19:07

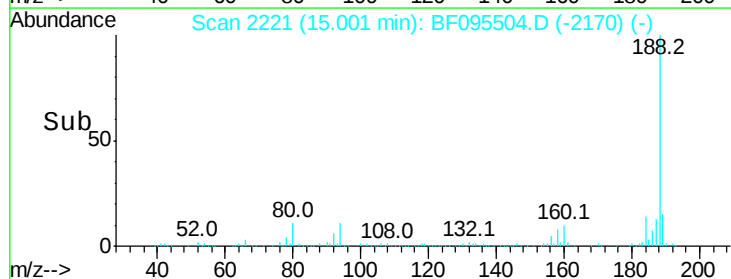
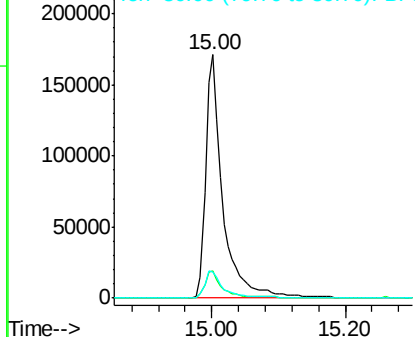
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.9	10.2	15.2

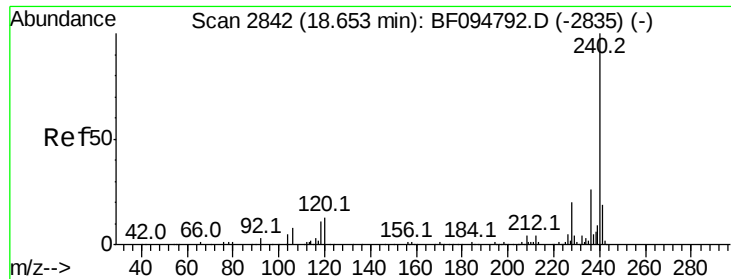


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2846

Delta R.T. 0.00 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

Instrument :

BNA_F

ClientSampleId :

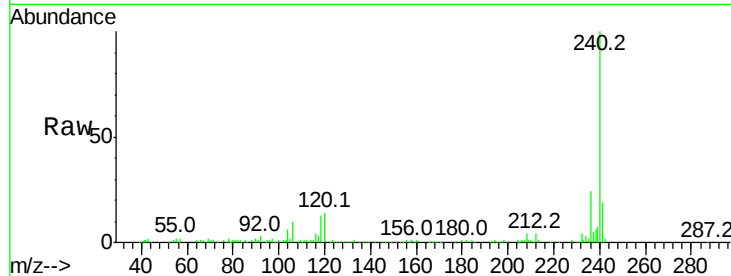
Tot Ion:240 Resp: 234396

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

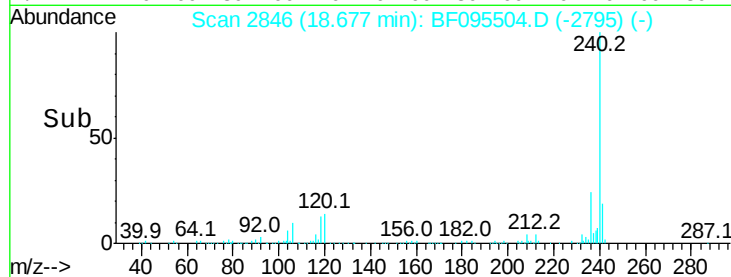
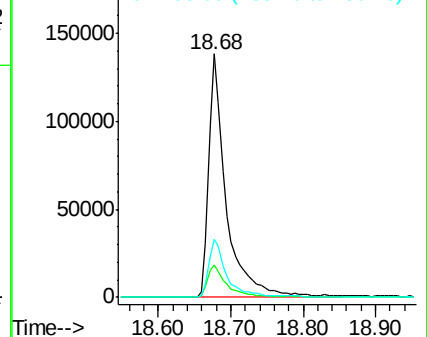
236 23.7 20.5 30.7



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: 84.58 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095504.D

Acq: 27 May 2017 19:07

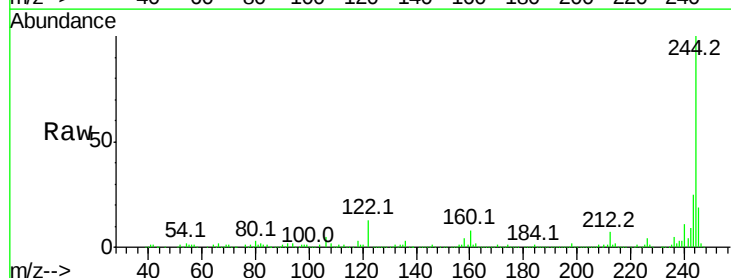
Tgt Ion:244 Resp: 900070

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

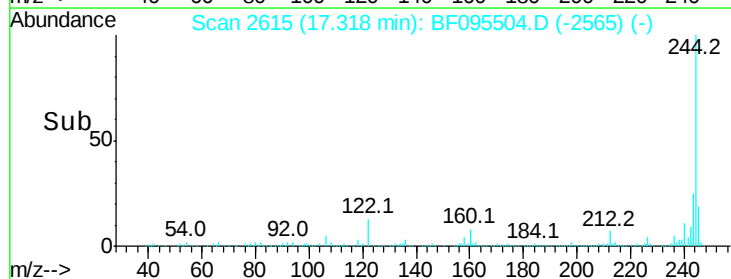
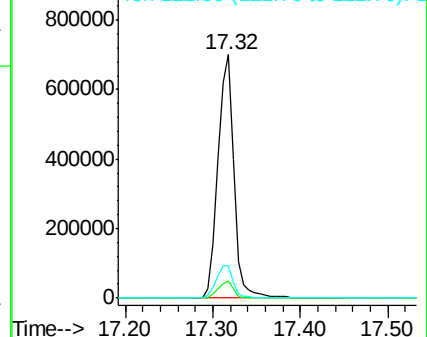
122 13.3 10.3 15.5



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

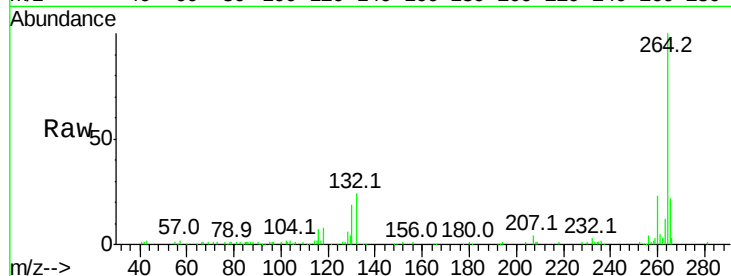




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095504.D
 Acq: 27 May 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	22.1	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

