

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095449.D
 Acq On : 26 May 2017 6:42
 Operator : SJ/MA
 Sample : I3308-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 08:30:21 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

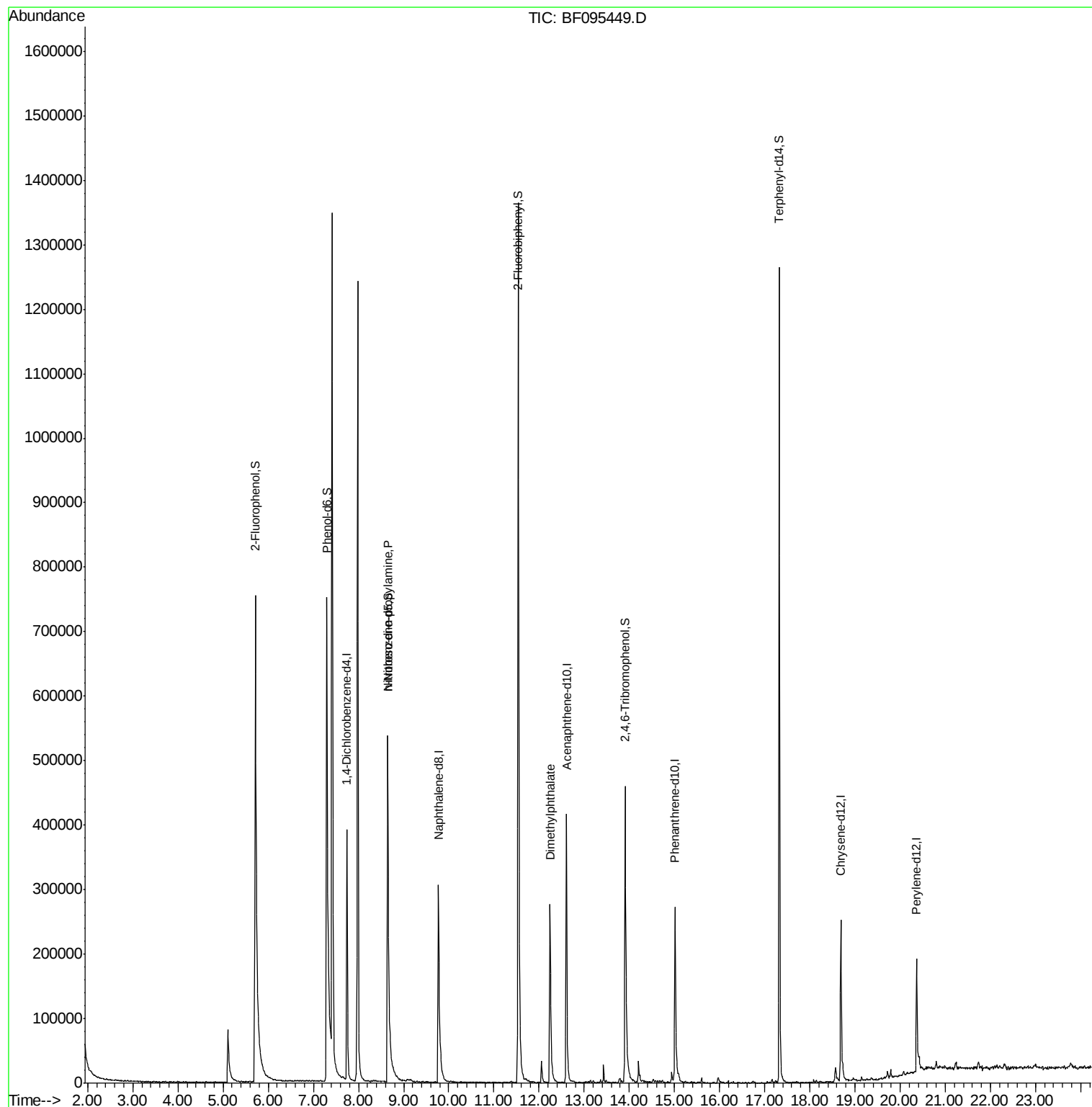
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90545	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	351251	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	147315	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	220768	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	166039	20.00	ng	0.00
86) Perylene-d12	20.37	264	112837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	637754	117.43	ng	-0.02
7) Phenol-d6	7.30	99	756093	116.03	ng	-0.02
23) Nitrobenzene-d5	8.65	82	431117	77.40	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	114364	94.79	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	878608	85.84	ng	-0.02
78) Terphenyl-d14	17.32	244	534608	70.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	48637	11.04	ng	Qvalue # 78
49) Dimethylphthalate	12.24	163	259636	21.47	ng	99

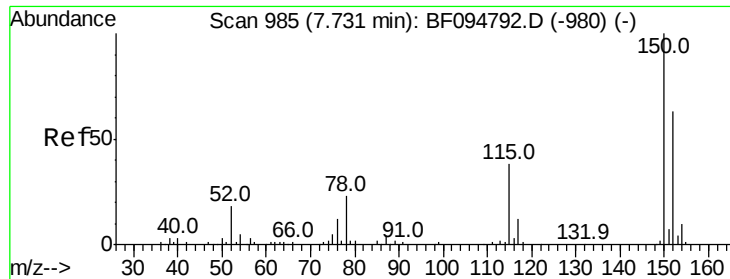
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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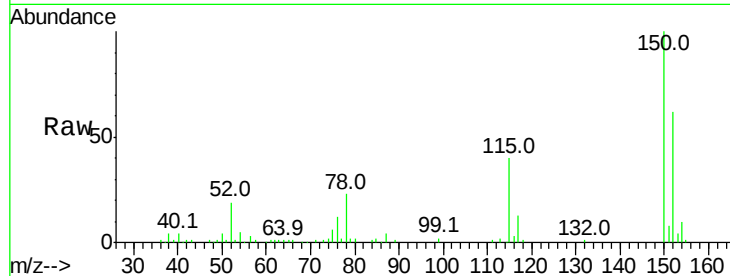


#1

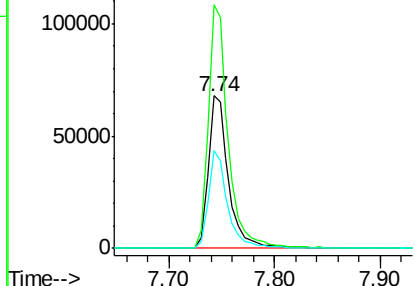
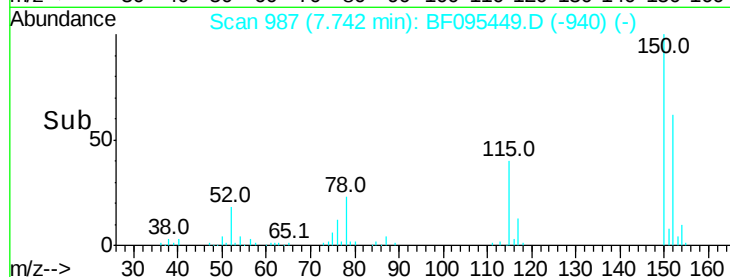
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095449.D
Acq: 26 May 2017 6:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90545
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 64.6 52.2 78.2



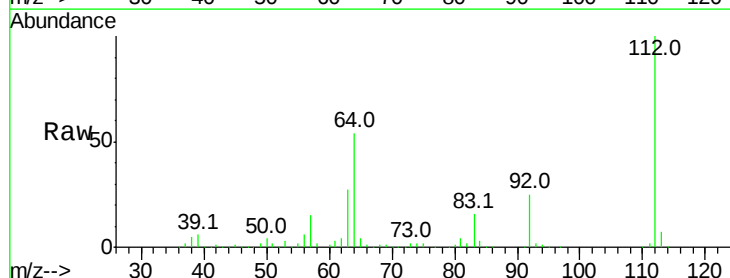
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



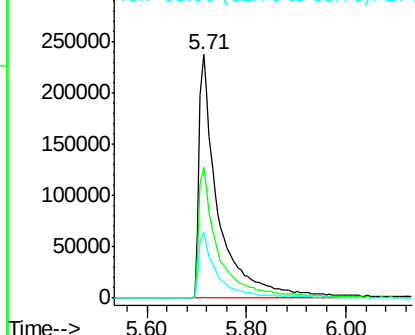
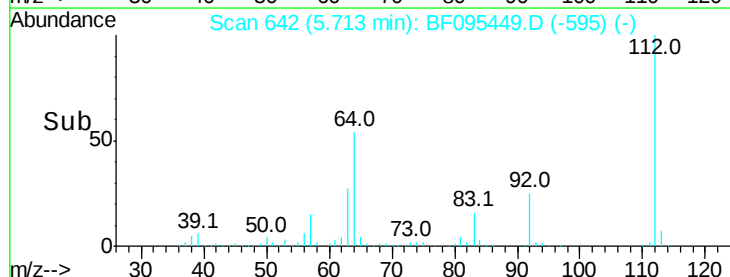
#5

2-Fluorophenol
Concen: 117.43 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095449.D
Acq: 26 May 2017 6:42

Tgt Ion:112 Resp: 637754
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 26.7 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: 116.03 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095449.D

Acq: 26 May 2017 6:42

Instrument :

BNA_F

ClientSampled :

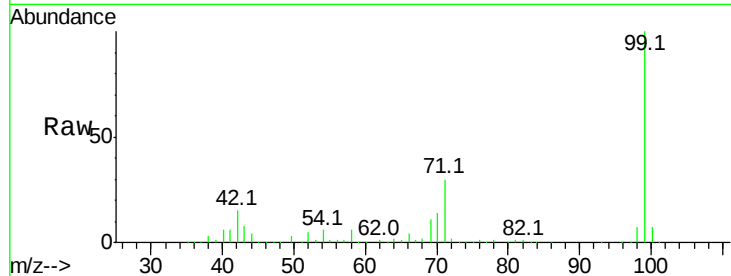
Tot Ion: 99 Resp: 756093

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

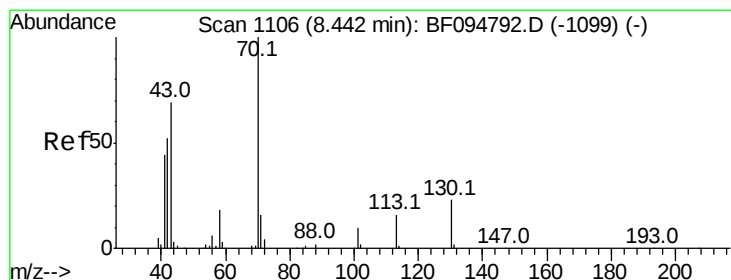
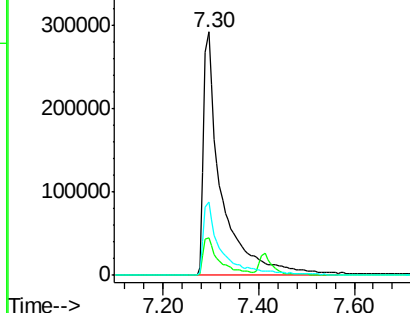
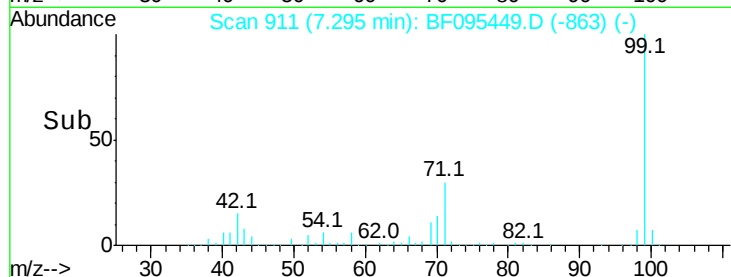
71 30.3 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.04 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095449.D

Acq: 26 May 2017 6:42

Tgt Ion: 70 Resp: 48637

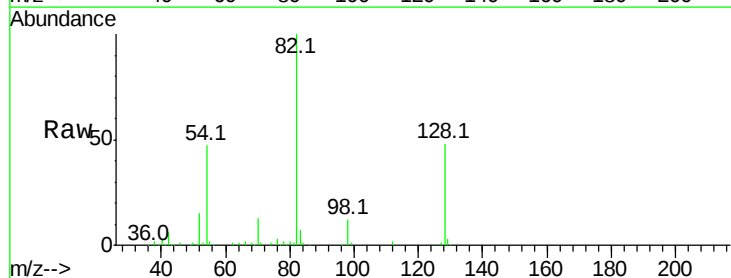
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

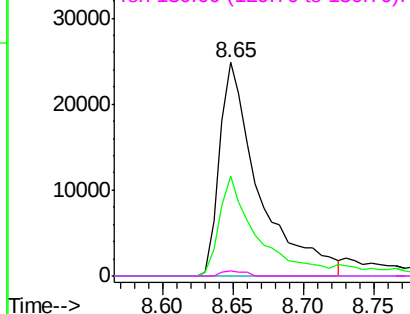
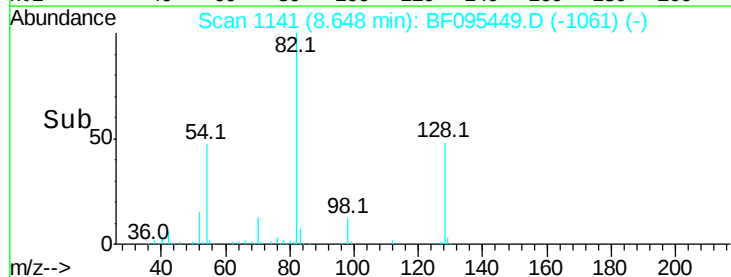


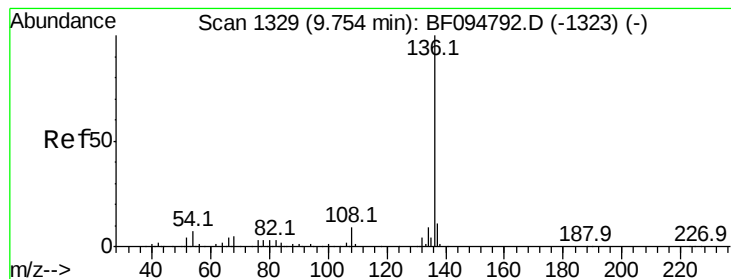
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF095449.D

Acq: 26 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 351251

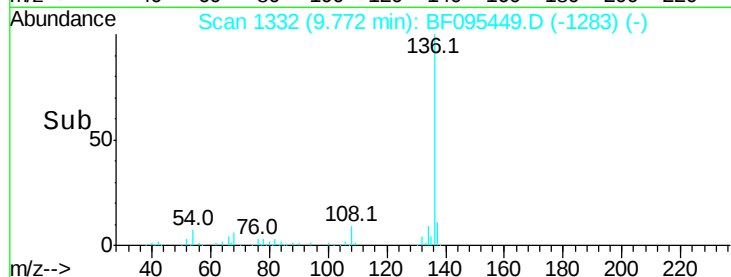
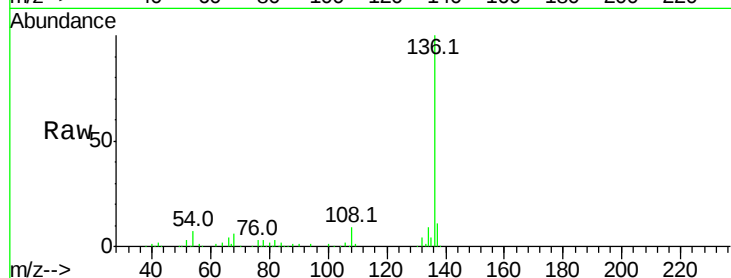
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

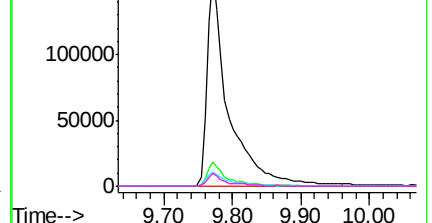


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 77.40 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095449.D

Acq: 26 May 2017 6:42

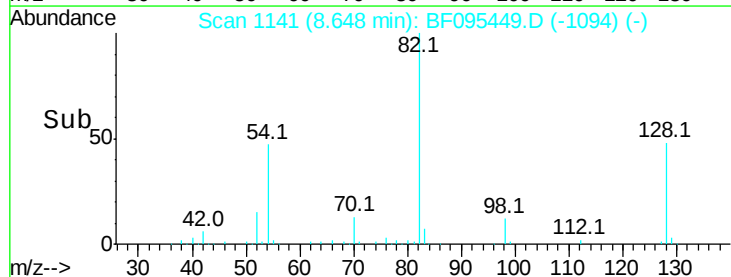
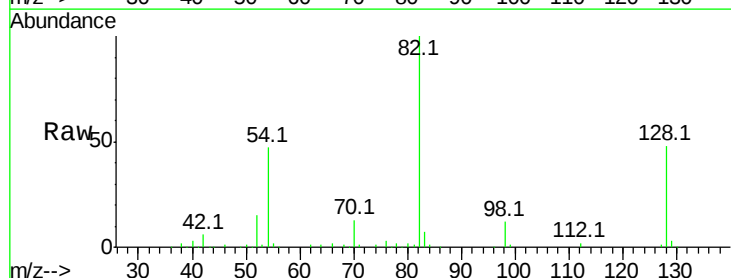
Tgt Ion: 82 Resp: 431117

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

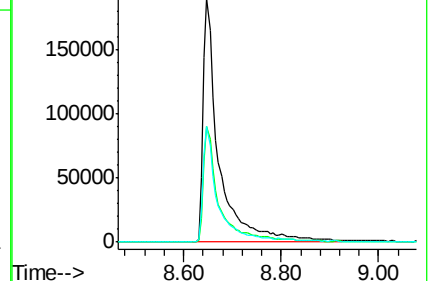
54 47.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095449.D

Acq: 26 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

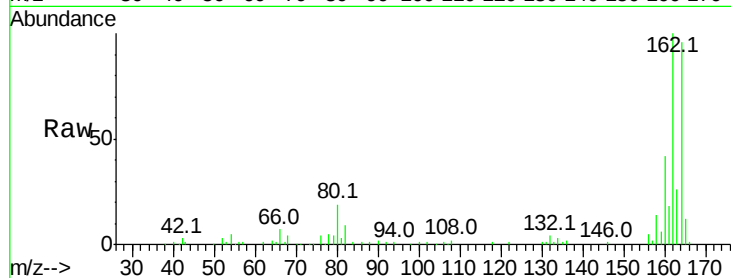
Tot Ion:164 Resp: 147315

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

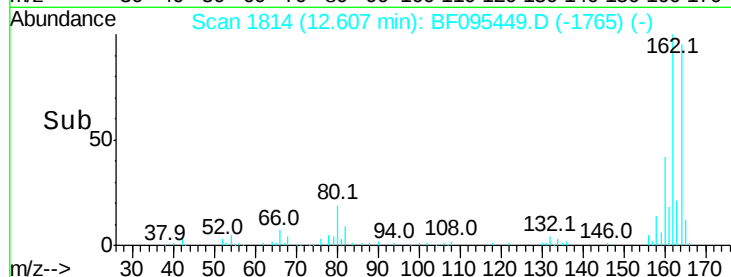
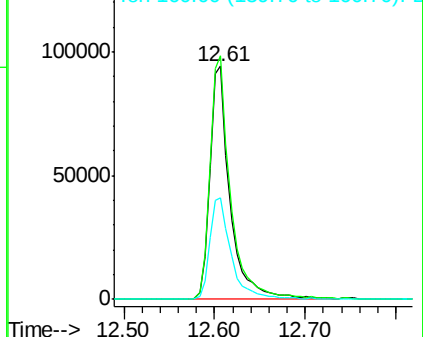
160 43.6 36.2 54.2



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: 94.79 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095449.D

Acq: 26 May 2017 6:42

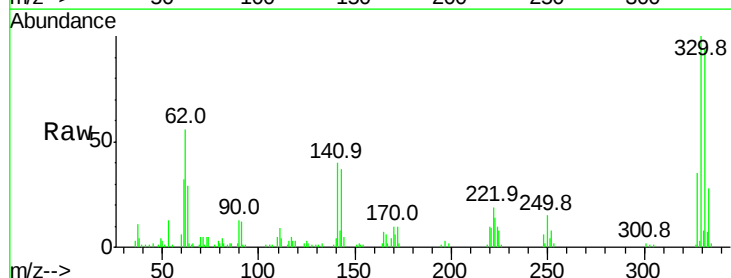
Tgt Ion:330 Resp: 114364

Ion Ratio Lower Upper

330 100

332 100.7 76.6 115.0

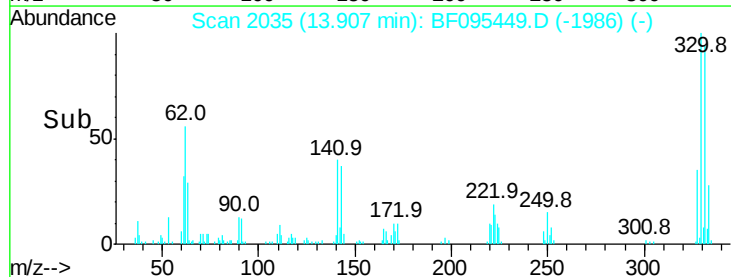
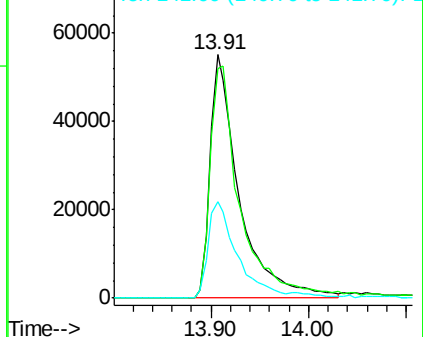
141 41.2 31.4 47.2



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

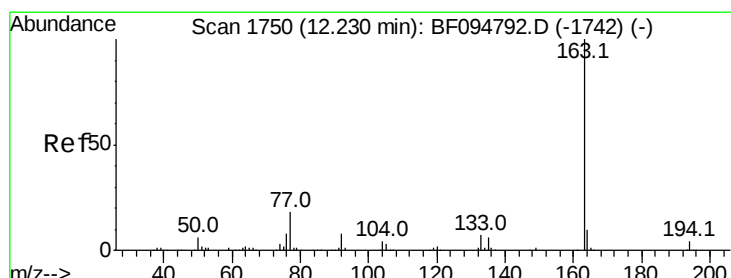
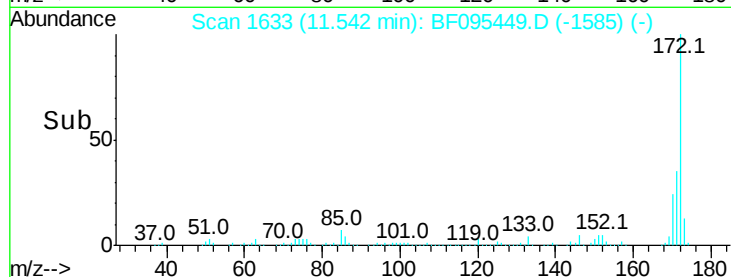
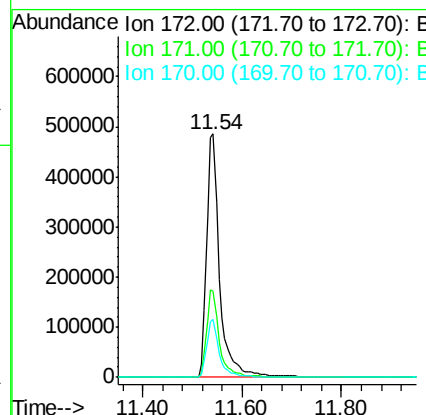
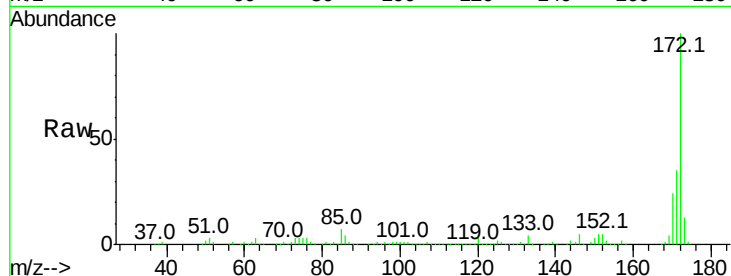




#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095449.D
 Acq: 26 May 2017 6:42

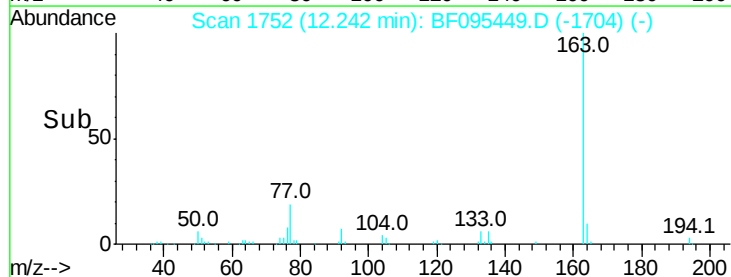
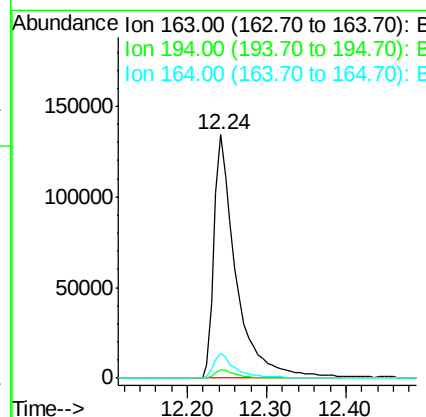
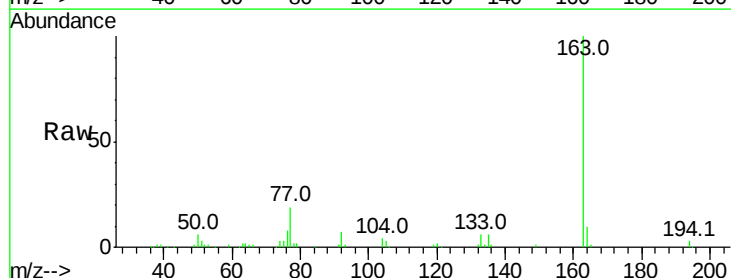
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 878608
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 21.47 ng
 RT: 12.24 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF095449.D
 Acq: 26 May 2017 6:42

Tgt Ion:163 Resp: 259636
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.0 8.4 12.6

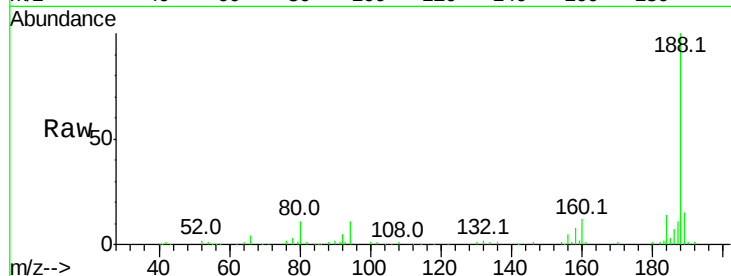




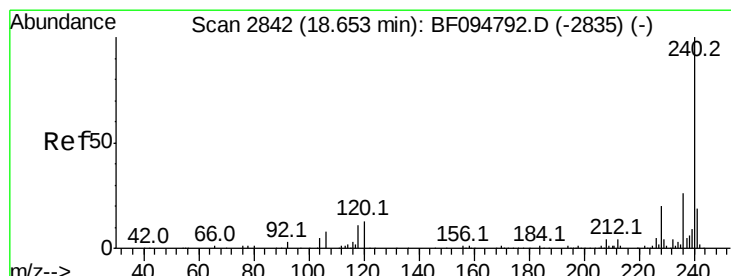
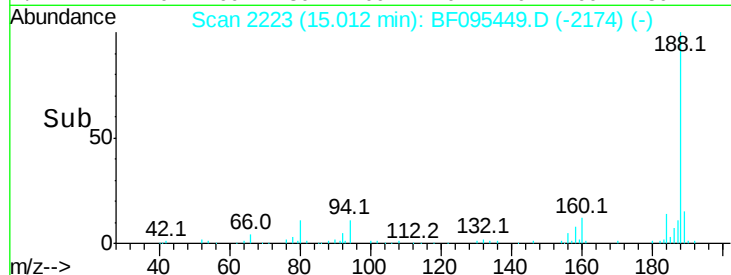
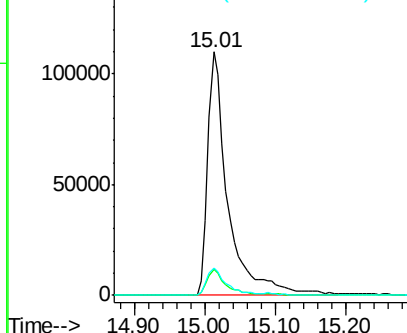
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095449.D
 Acq: 26 May 2017 6:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 220768
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.4 10.2 15.2

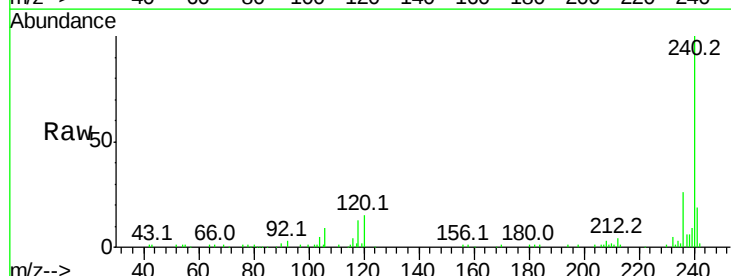


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

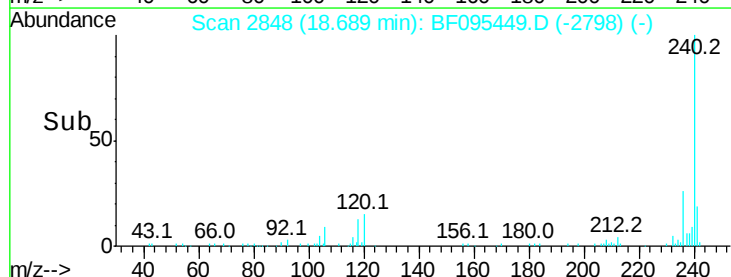
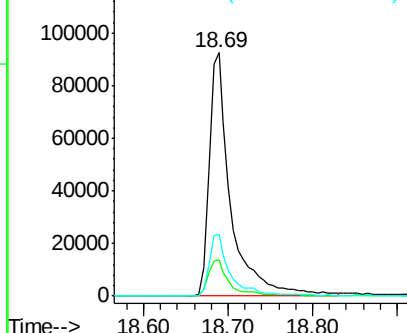


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095449.D
 Acq: 26 May 2017 6:42

Tgt Ion:240 Resp: 166039
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 25.6 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

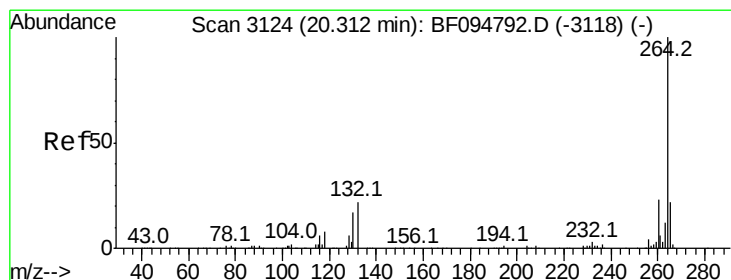
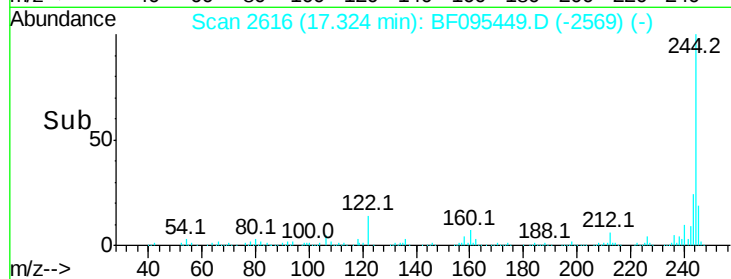
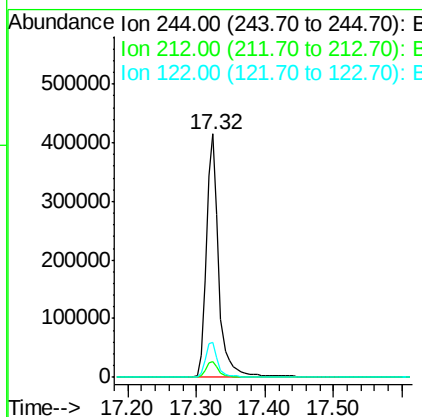
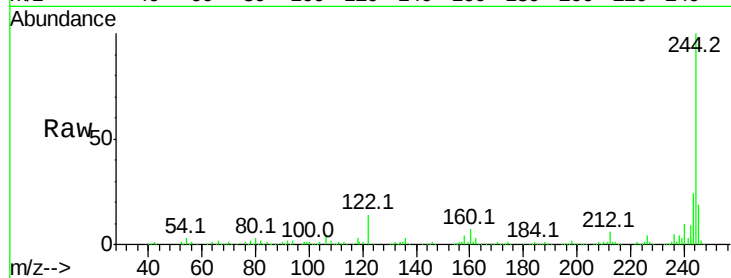




#78
 Terphenyl-d14
 Concen: 70.92 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095449.D
 Acq: 26 May 2017 6:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 534608
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 14.4 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: BF095449.D
 Acq: 26 May 2017 6:42

Tgt Ion:264 Resp: 112837
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 23.0 17.2 25.8

