

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095381.D
 Acq On : 24 May 2017 9:38
 Operator : SJ/MA
 Sample : I3269-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 11:48:15 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

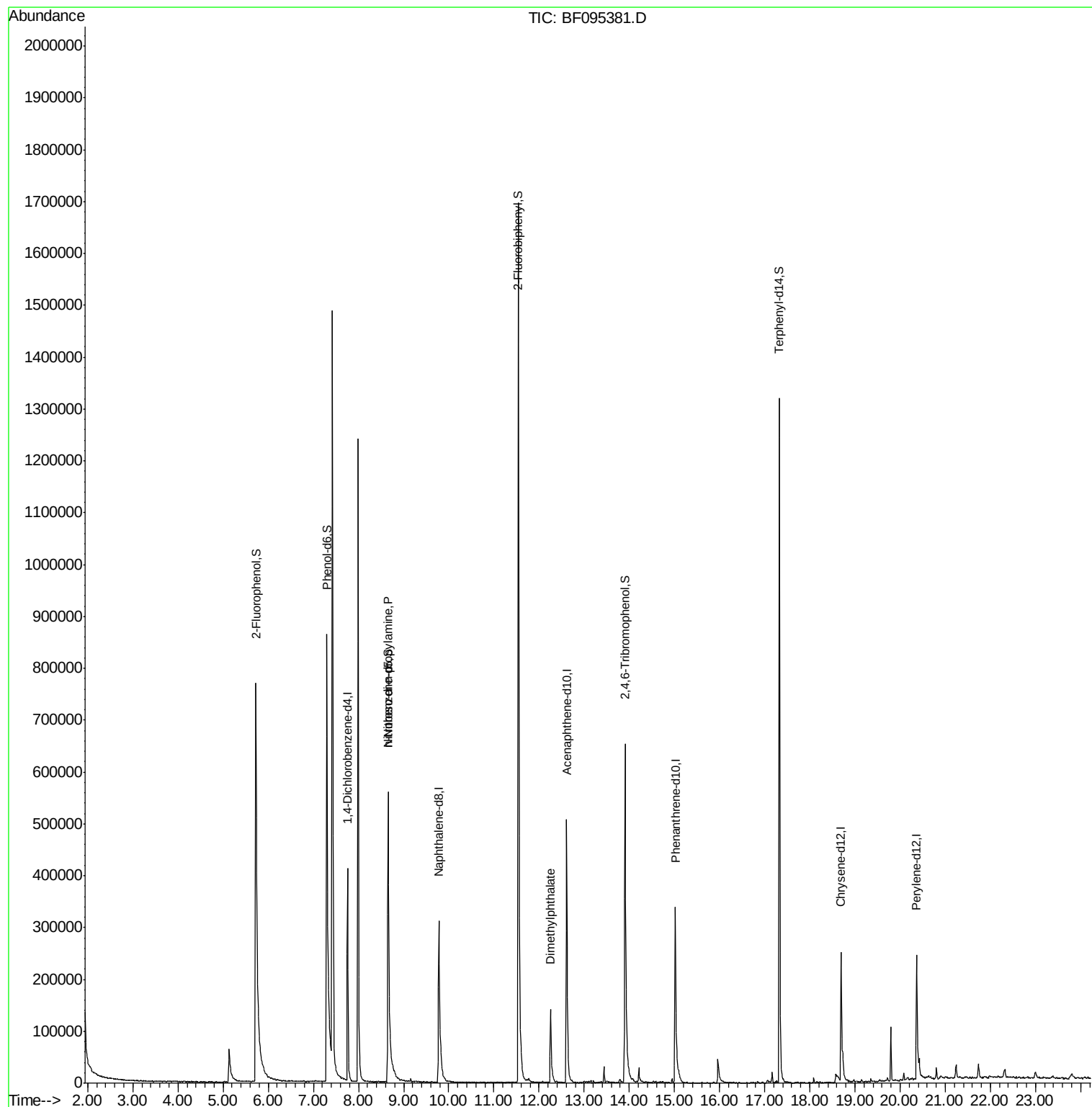
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	100306	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	398367	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	196345	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	308312	20.00	ng	0.00
75) Chrysene-d12	18.69	240	181580	20.00	ng	0.00
86) Perylene-d12	20.37	264	176299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	676028	112.36	ng	-0.01
7) Phenol-d6	7.30	99	779983	108.05	ng	-0.02
23) Nitrobenzene-d5	8.65	82	465078	73.62	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	162990	101.36	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	995864	73.00	ng	-0.02
78) Terphenyl-d14	17.32	244	589108	71.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	51393	10.53	ng	Qvalue # 80
49) Dimethylphthalate	12.25	163	145070	9.00	ng	99

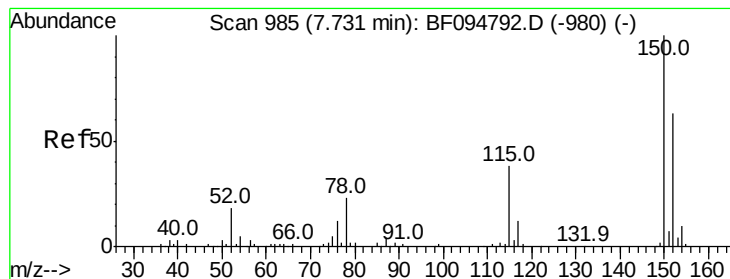
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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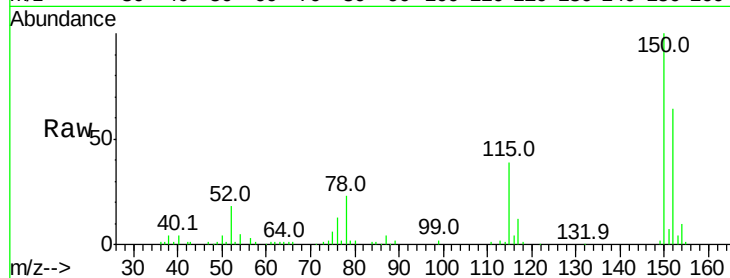


#1

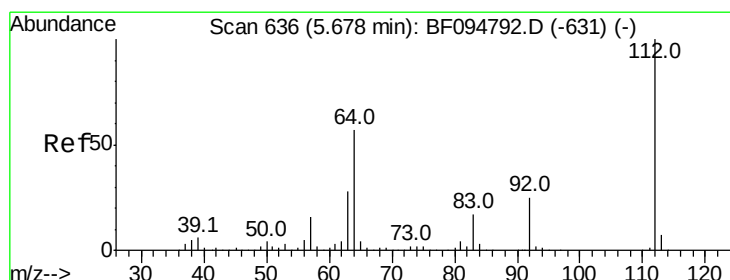
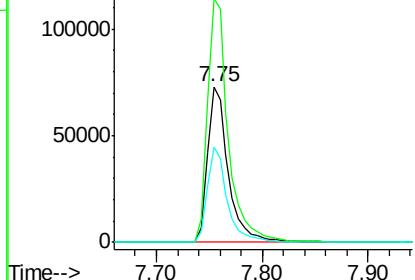
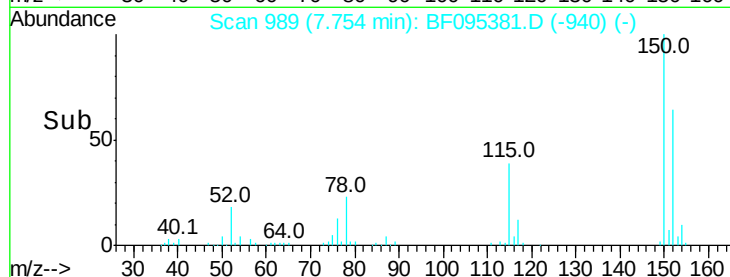
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095381.D
Acq: 24 May 2017 9:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100306
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.0 52.2 78.2



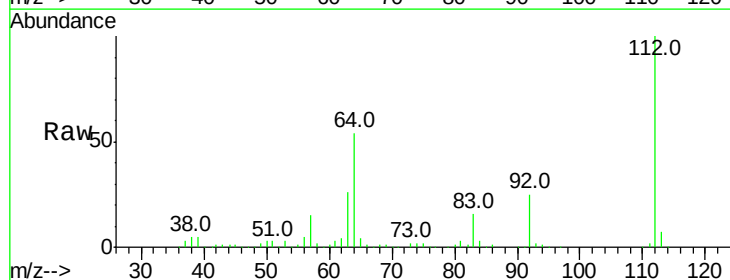
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



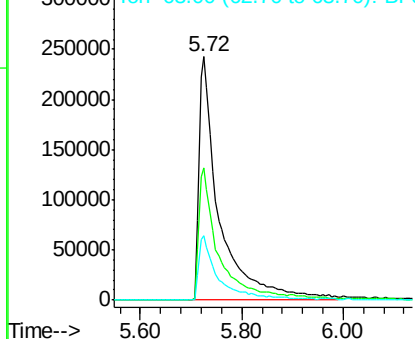
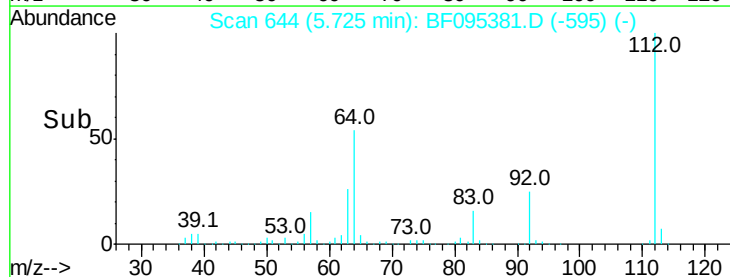
#5

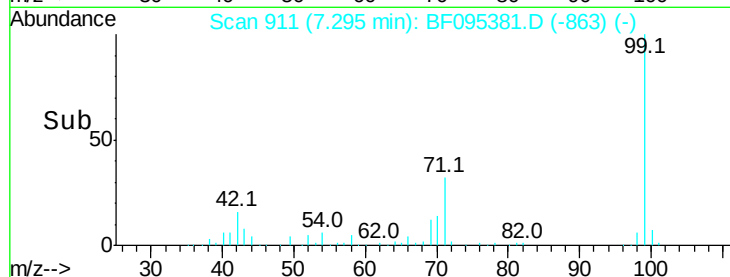
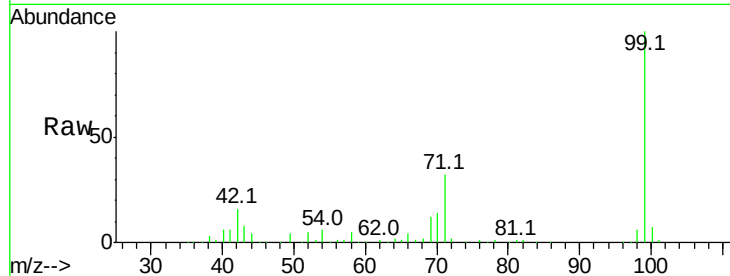
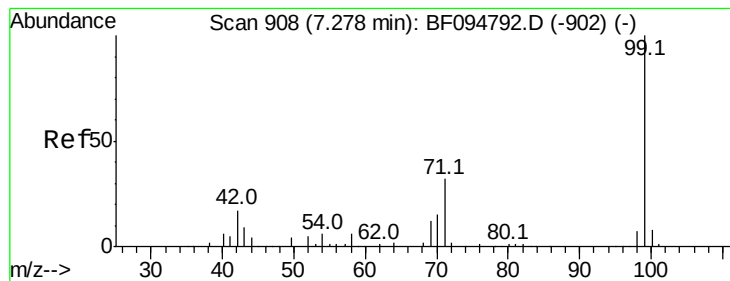
2-Fluorophenol
Concen: 112.36 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095381.D
Acq: 24 May 2017 9:38

Tgt Ion:112 Resp: 676028
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.2 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: 108.05 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

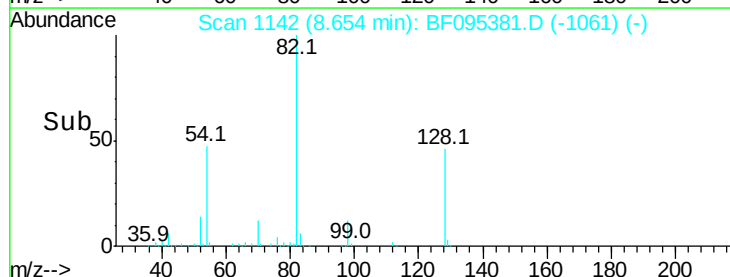
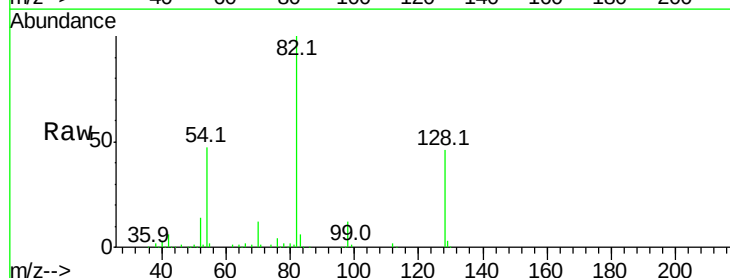
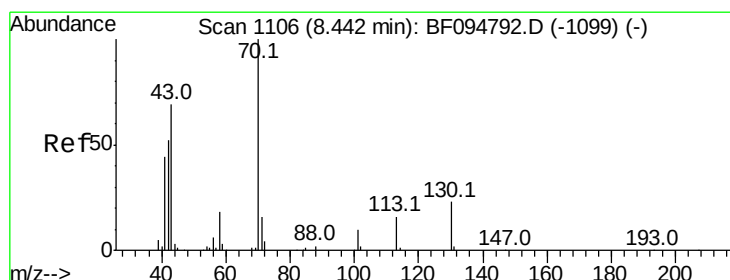
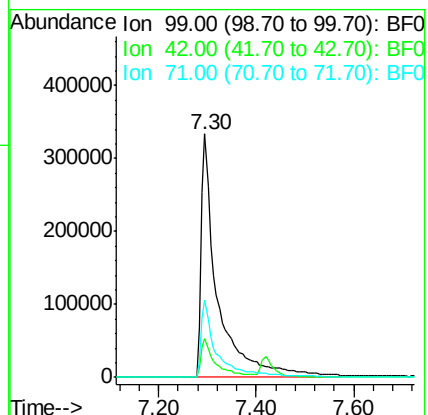
Tot Ion: 99 Resp: 779983

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 32.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.53 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

Tgt Ion: 70 Resp: 51393

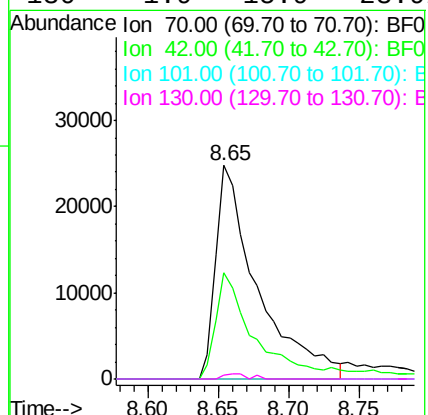
Ion Ratio Lower Upper

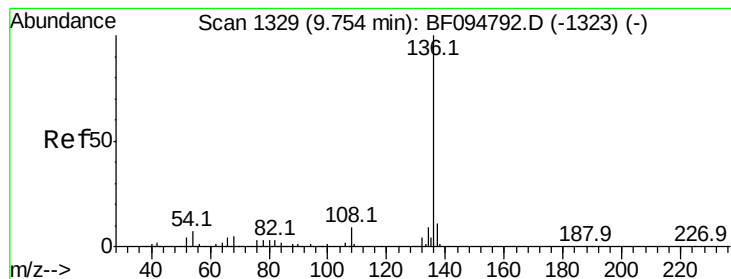
70 100

42 49.6 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398367

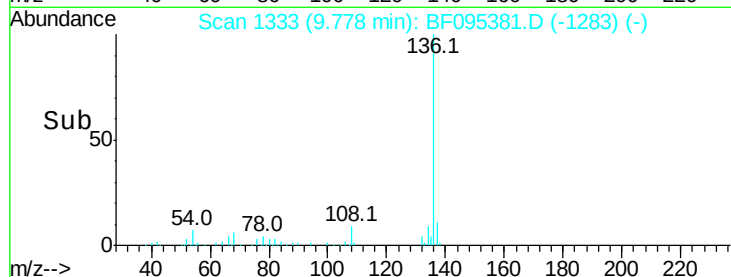
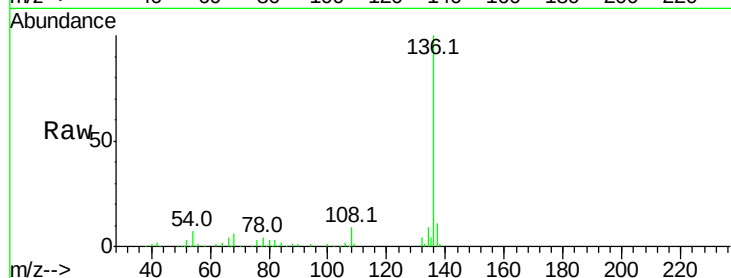
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

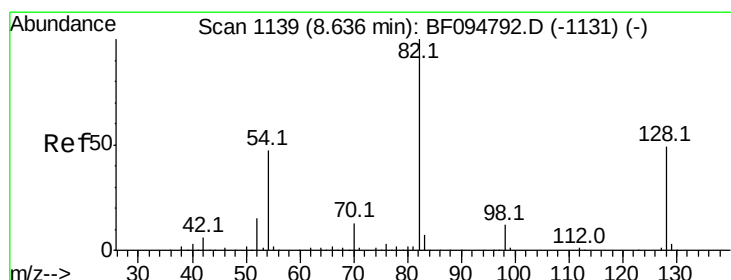
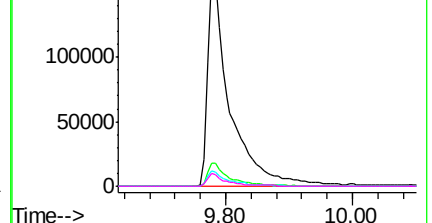


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.62 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

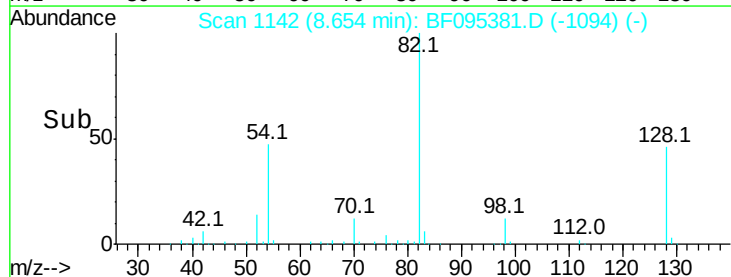
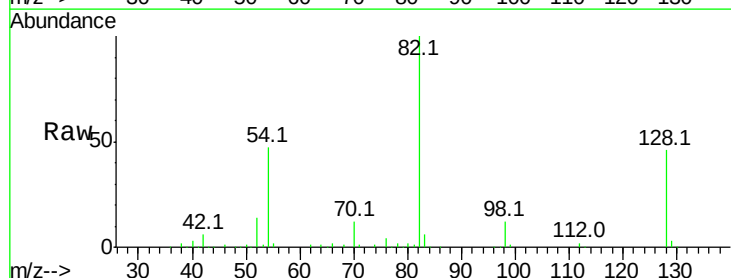
Tgt Ion: 82 Resp: 465078

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

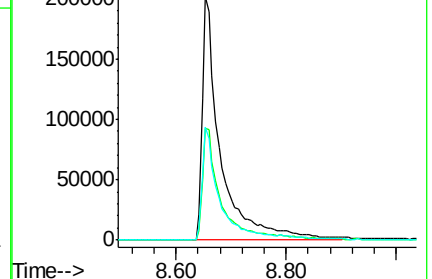
54 46.5 42.2 63.2

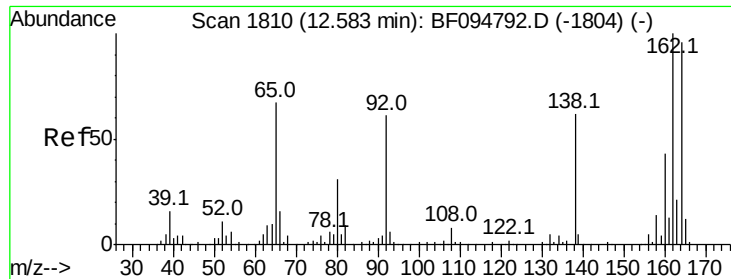


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1815

Delta R.T. -0.01 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

Instrument :

BNA_F

ClientSampleId :

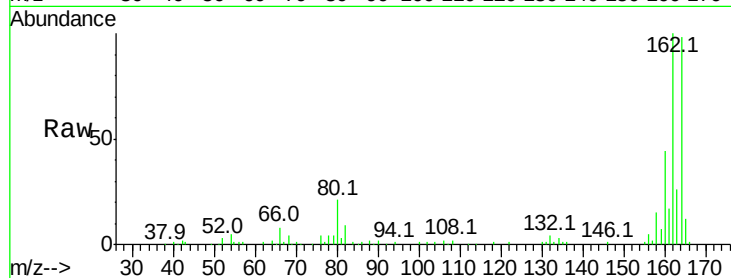
Tot Ion:164 Resp: 196345

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

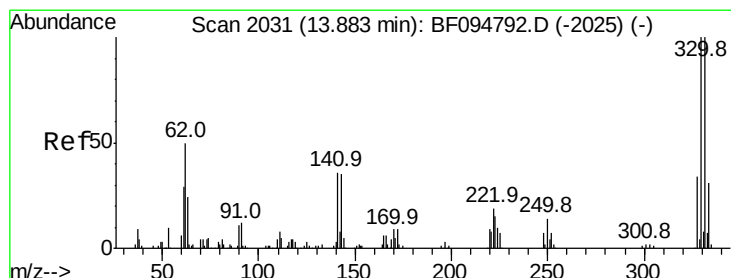
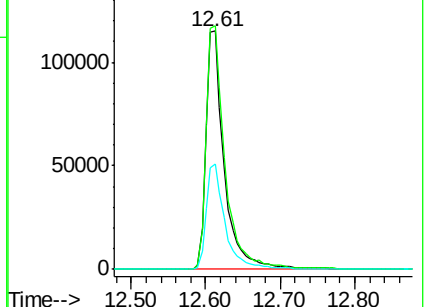
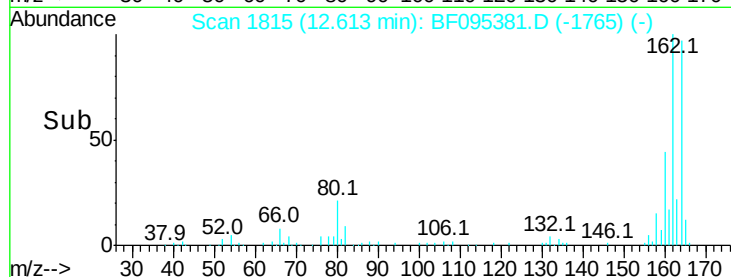
160 44.5 36.2 54.2



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: 101.36 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

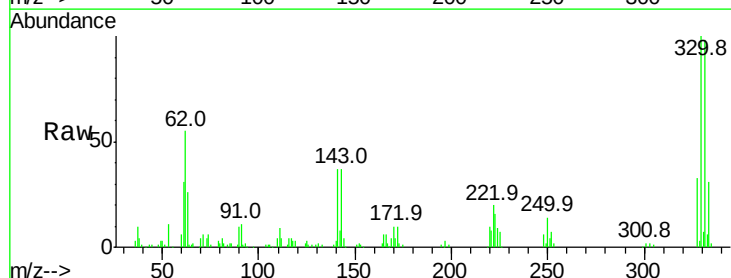
Tgt Ion:330 Resp: 162990

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

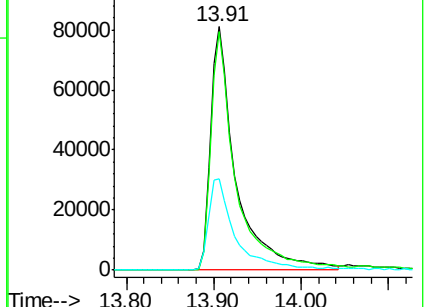
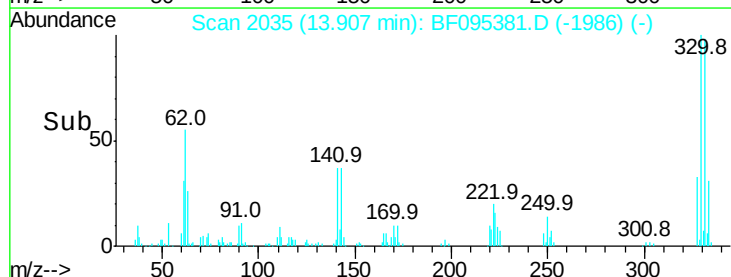
141 39.6 31.4 47.2

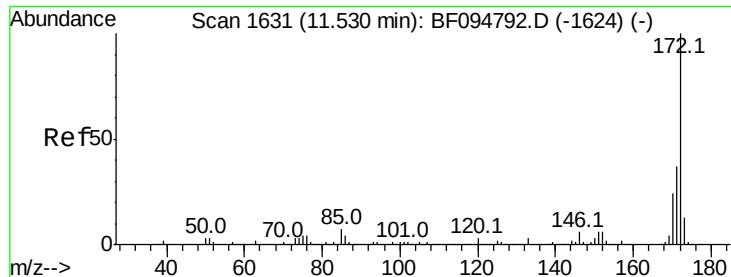


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

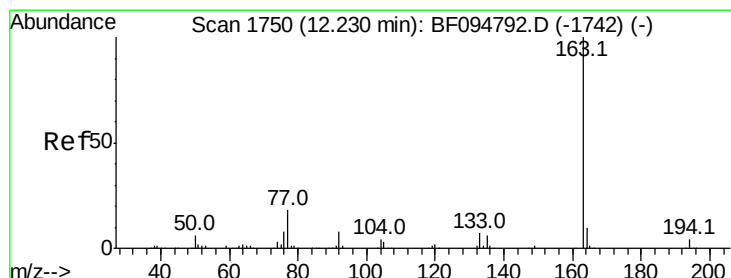
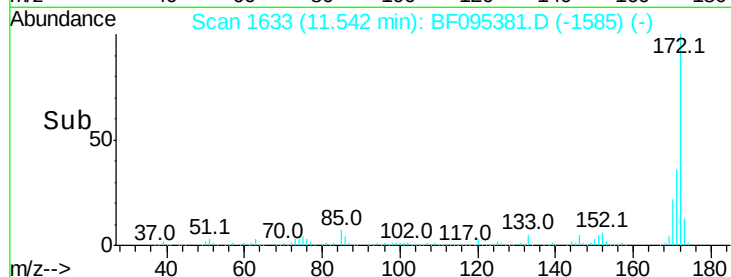
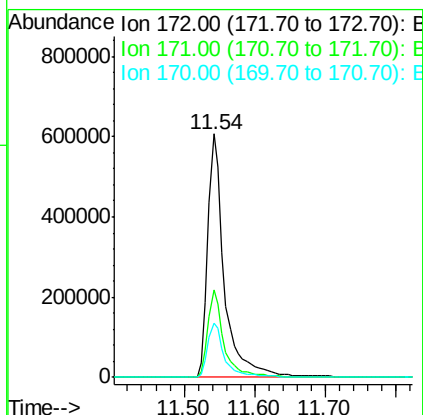
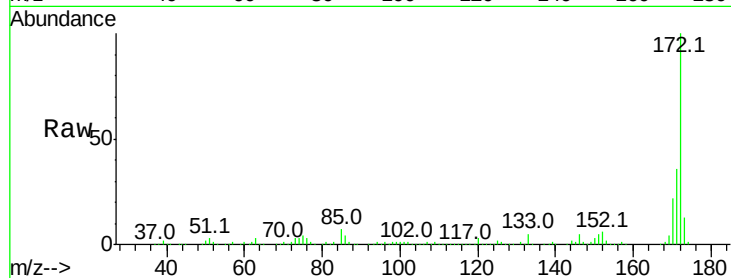




#44
2-Fluorobiphenyl
Concen: 73.00 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095381.D
Acq: 24 May 2017 9:38

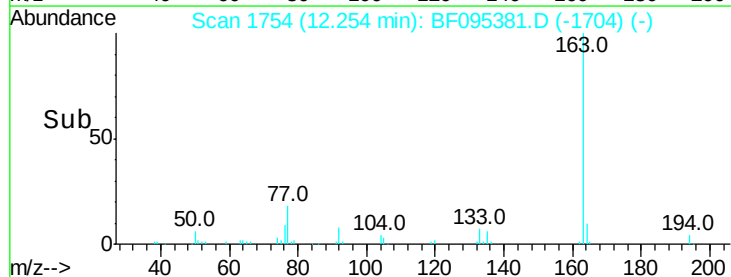
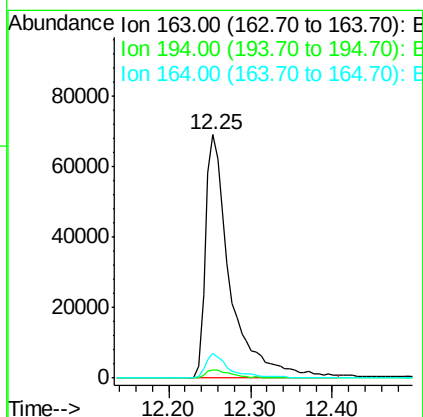
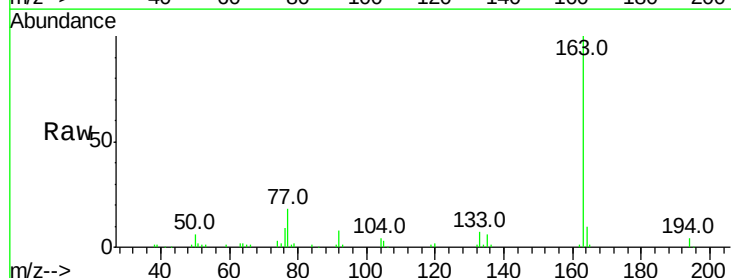
Instrument :
BNA_F
ClientSampleId :

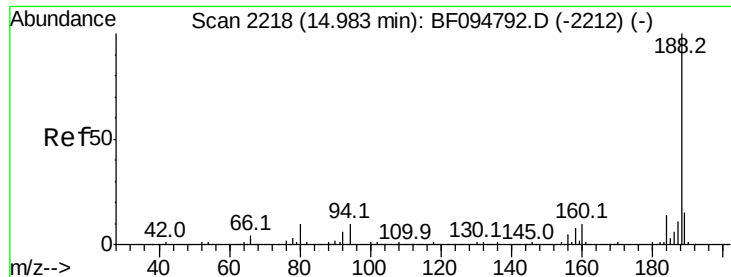
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.4	19.8	29.8



#49
Dimethylphthalate
Concen: 9.00 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095381.D
Acq: 24 May 2017 9:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF095381.D

Acq: 24 May 2017 9:38

Instrument :

BNA_F

ClientSampleId :

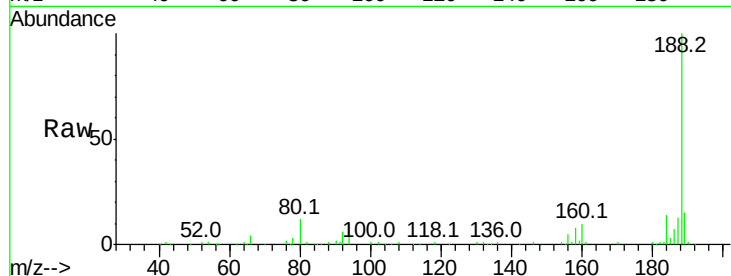
Tot Ion:188 Resp: 308312

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

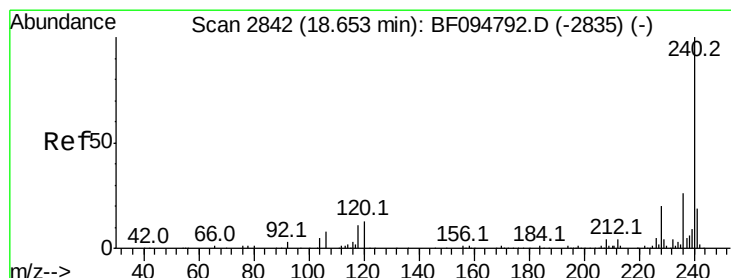
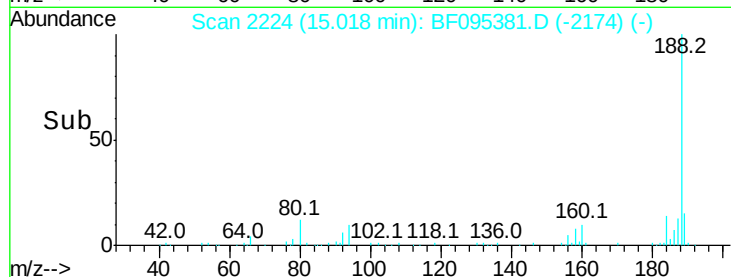
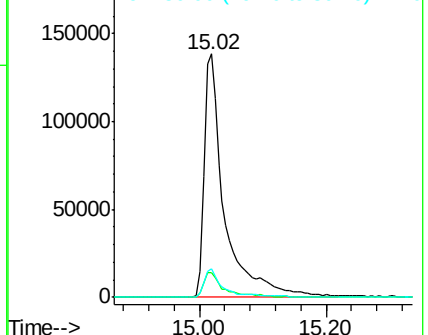
80 11.5 10.2 15.2



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: BF095381.D

Acq: 24 May 2017 9:38

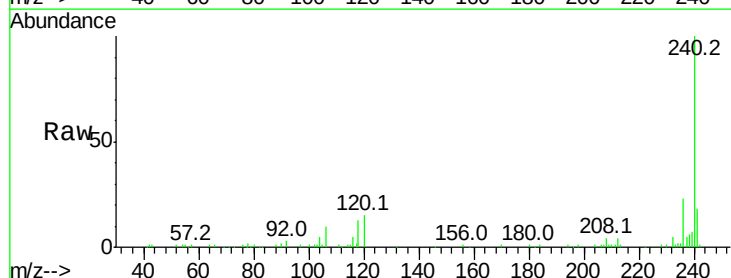
Tgt Ion:240 Resp: 181580

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

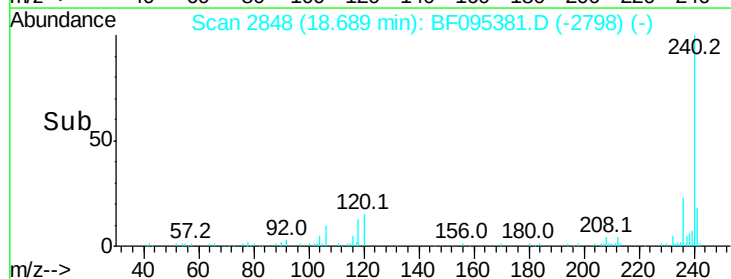
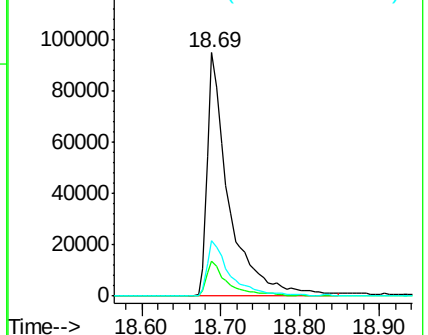
236 22.9 20.5 30.7

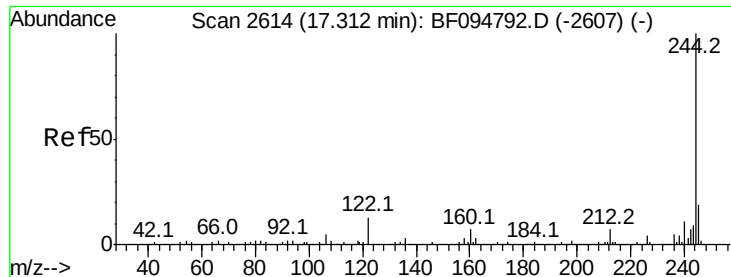


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

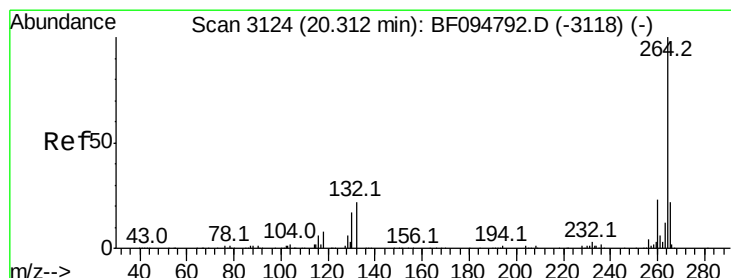
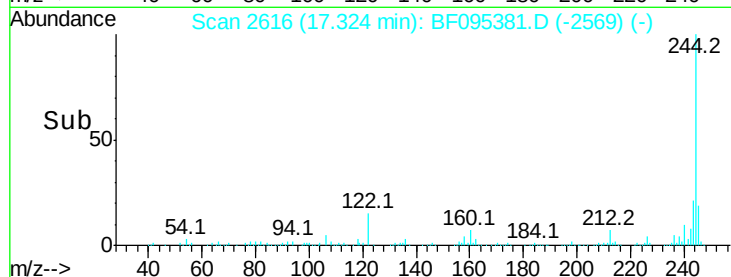
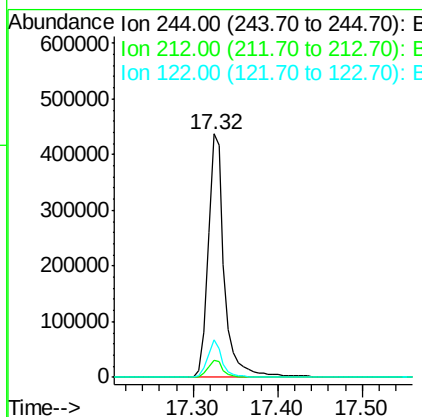
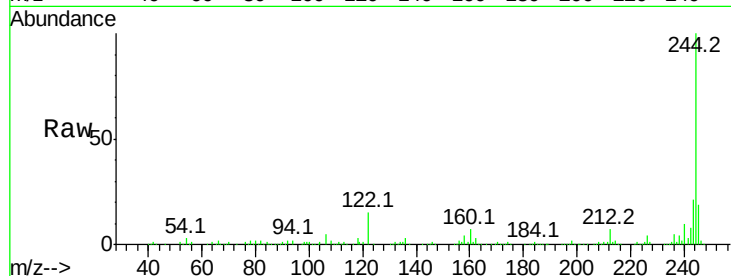




#78
 Terphenyl-d14
 Concen: 71.46 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095381.D
 Acq: 24 May 2017 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 589108
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 15.2 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: BF095381.D
 Acq: 24 May 2017 9:38

Tgt Ion:264 Resp: 176299
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 17.2 25.8

