

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095607.D
 Acq On : 1 Jun 2017 21:48
 Operator : SJ/MA
 Sample : I3384-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 01:26:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

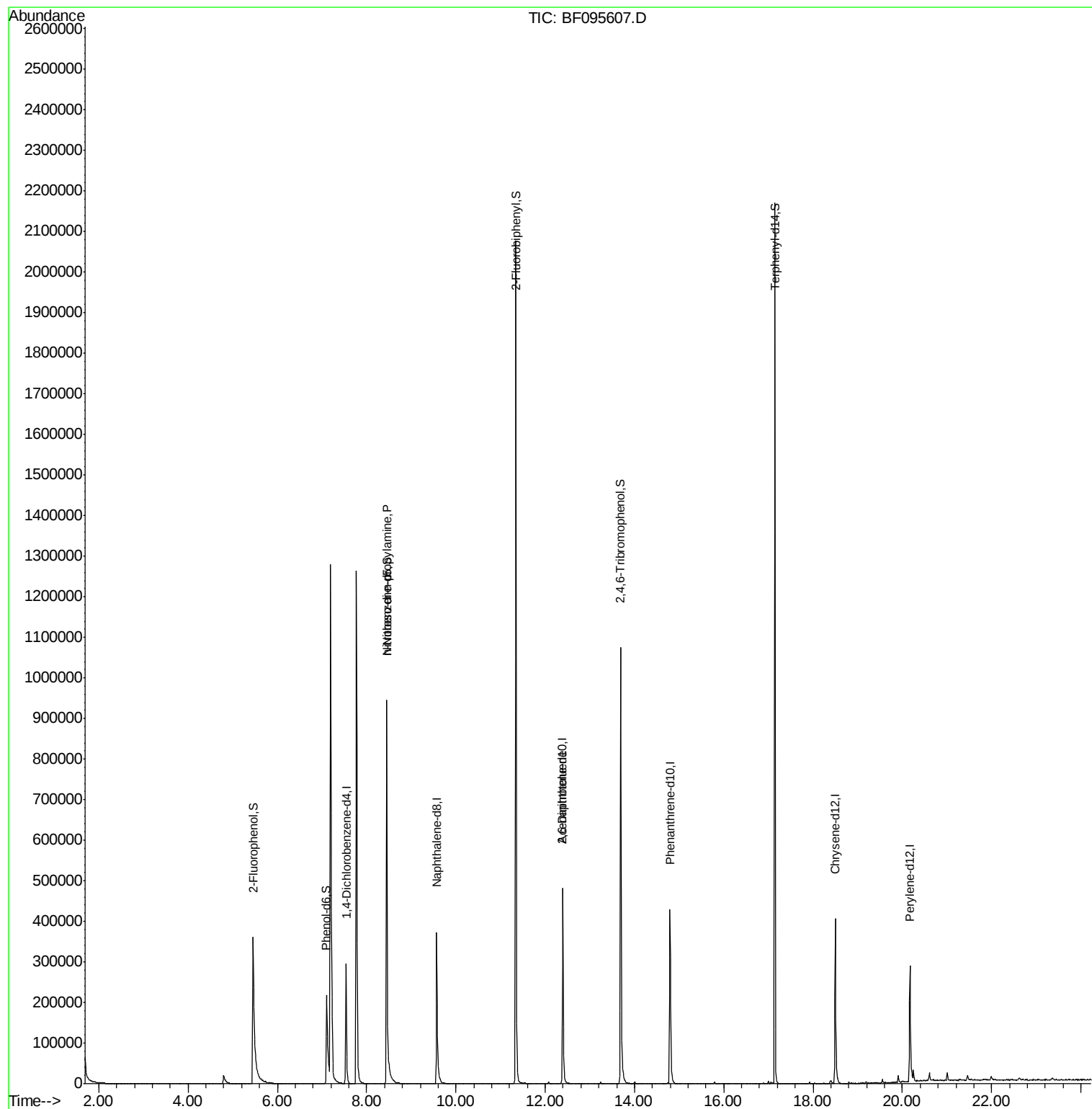
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	78356	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	322625	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	153684	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	292772	20.00	ng	0.00
75) Chrysene-d12	18.50	240	242654	20.00	ng	0.00
86) Perylene-d12	20.17	264	163868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	324711	69.09	ng	0.01
7) Phenol-d6	7.10	99	250554	44.43	ng	0.00
23) Nitrobenzene-d5	8.45	82	504670	98.64	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	202426	160.83	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1021502	95.67	ng	0.00
78) Terphenyl-d14	17.15	244	906073	82.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	61375	16.09	ng	# 75
50) 2,6-Dinitrotoluene	12.39	165	18386	7.14	ng	# 31

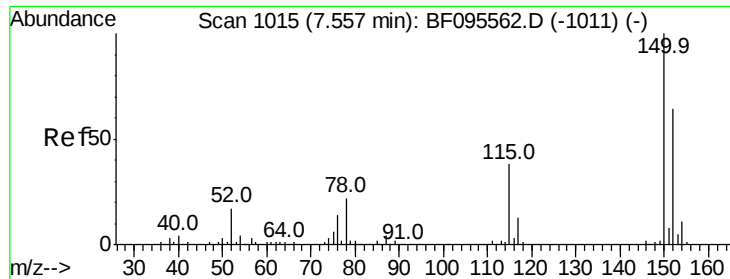
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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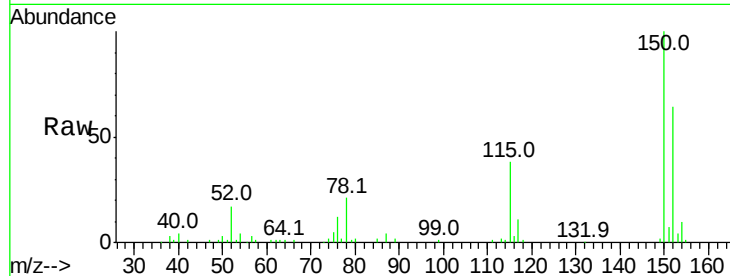


#1

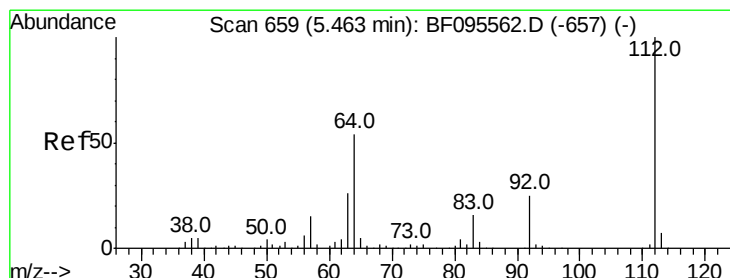
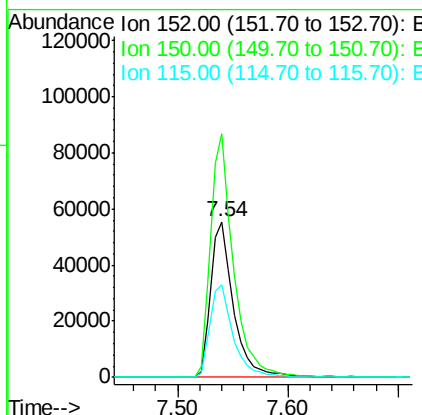
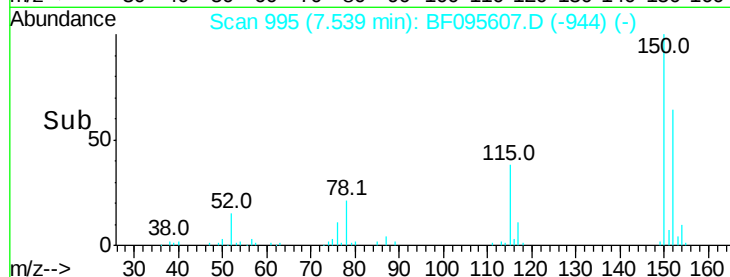
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095607.D
 Acq: 1 Jun 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	59.4	52.2	78.2



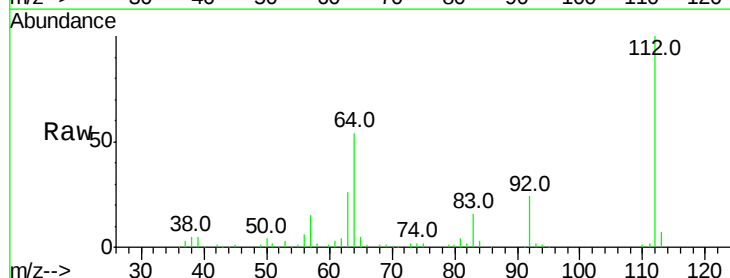
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



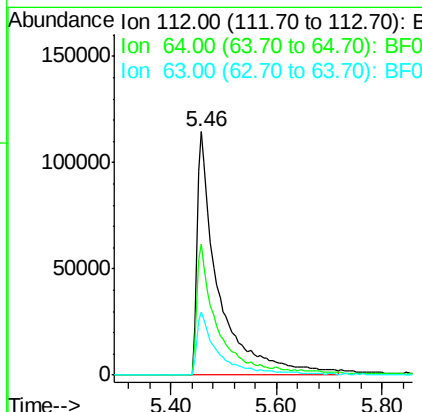
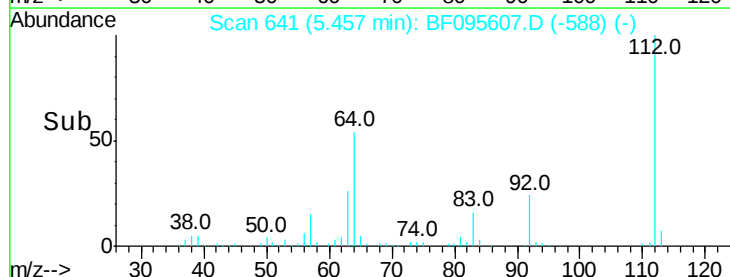
#5

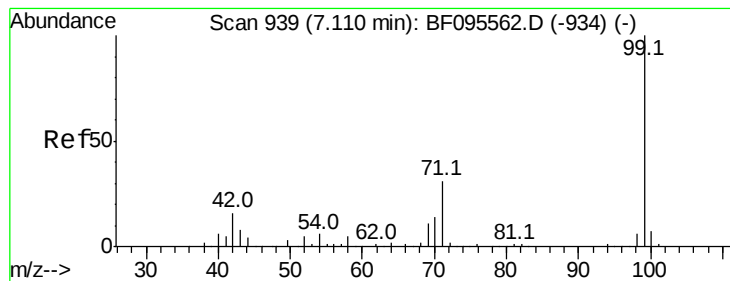
2-Fluorophenol
 Concen: 69.09 ng
 RT: 5.46 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF095607.D
 Acq: 1 Jun 2017 21:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.7	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: 44.43 ng

RT: 7.10 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF095607.D

Acq: 1 Jun 2017 21:48

Instrument :

BNA_F

ClientSampled :

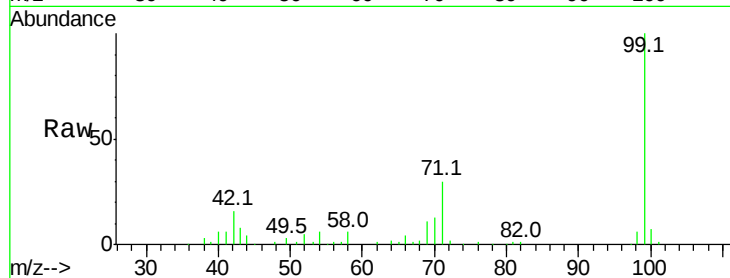
Tot Ion: 99 Resp: 250554

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

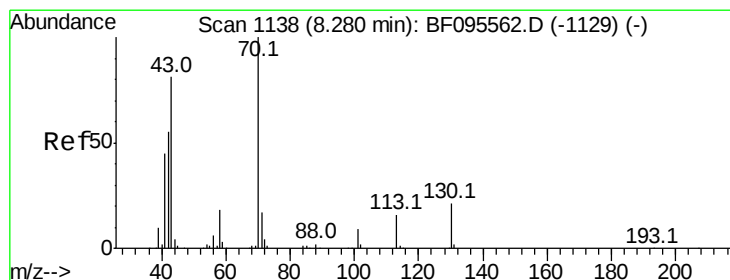
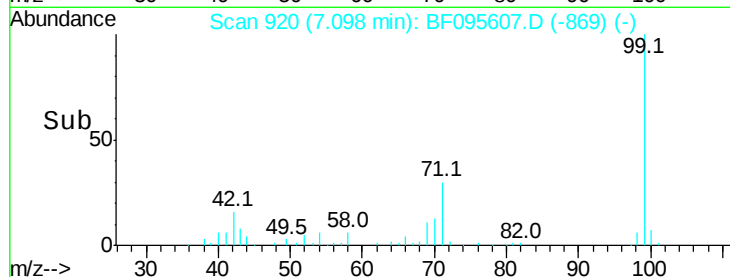
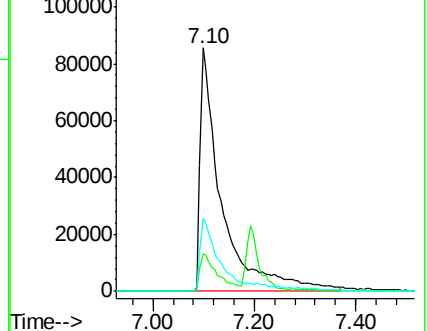
71 29.9 24.5 36.7



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: 16.09 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095607.D

Acq: 1 Jun 2017 21:48

Tgt Ion: 70 Resp: 61375

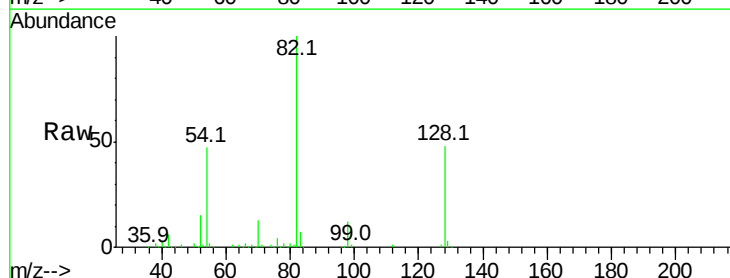
Ion Ratio Lower Upper

70 100

42 44.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

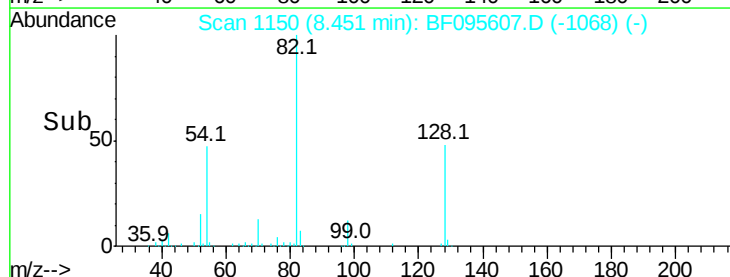
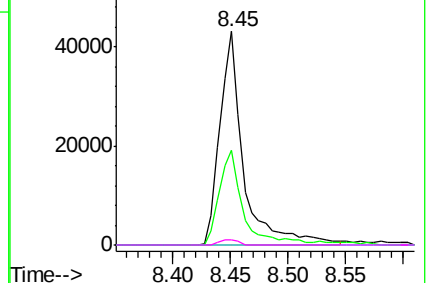


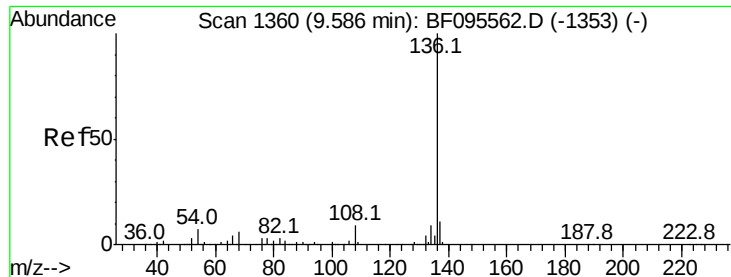
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095607.D

Acq: 1 Jun 2017 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 322625

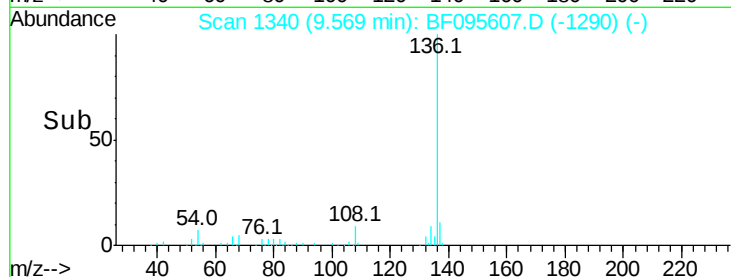
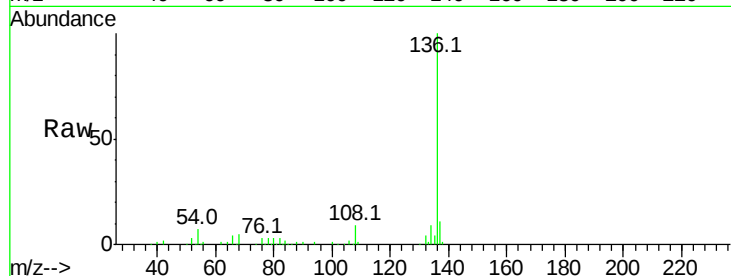
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.9 4.9 7.3

68 5.2 4.1 6.1

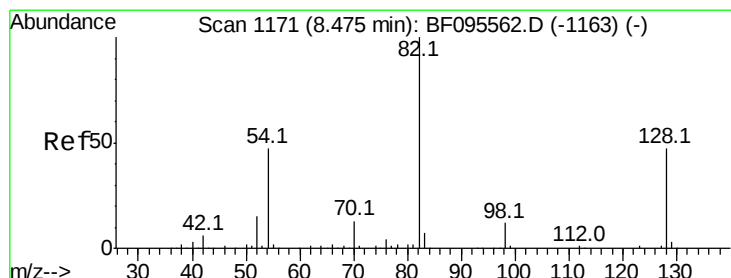
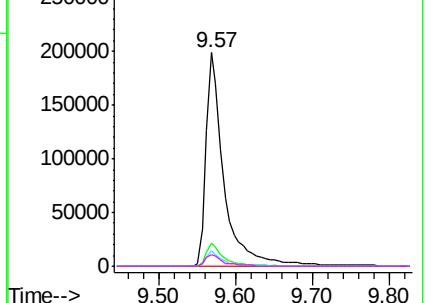


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.64 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095607.D

Acq: 1 Jun 2017 21:48

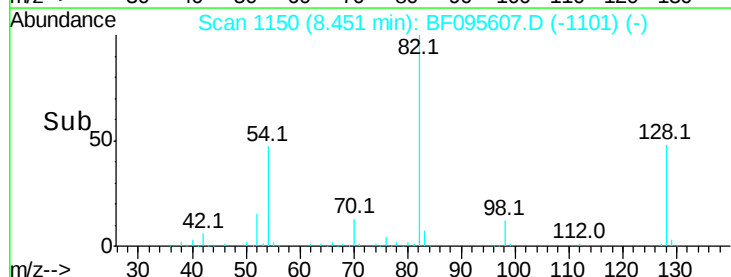
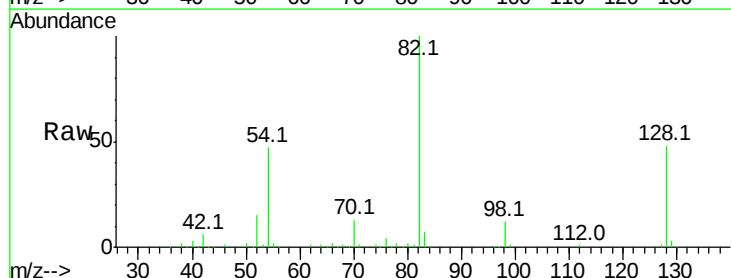
Tgt Ion: 82 Resp: 504670

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

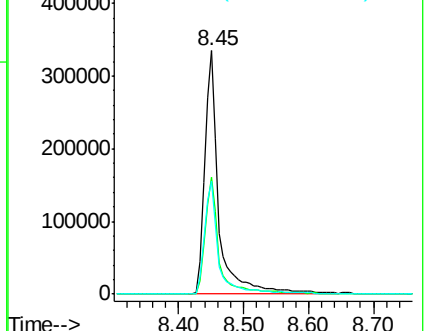
54 46.5 42.2 63.2

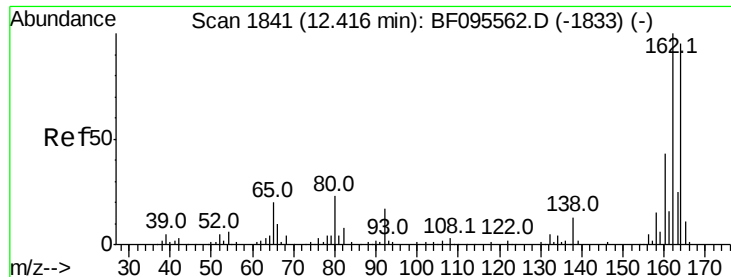


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

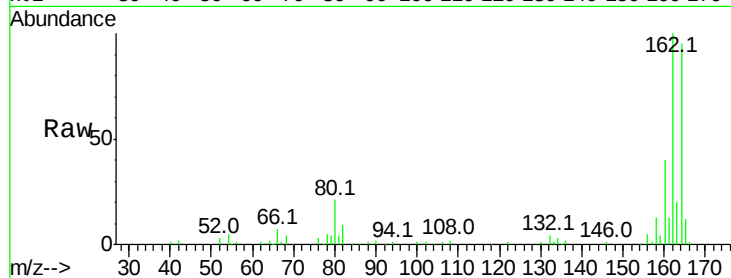




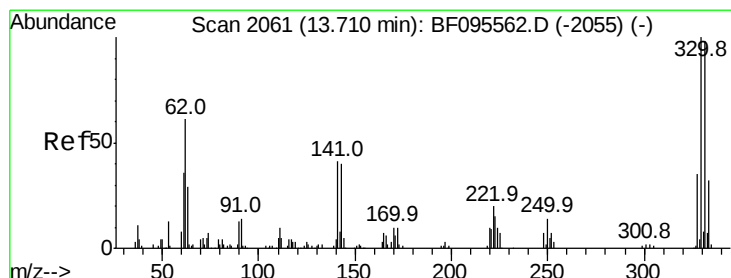
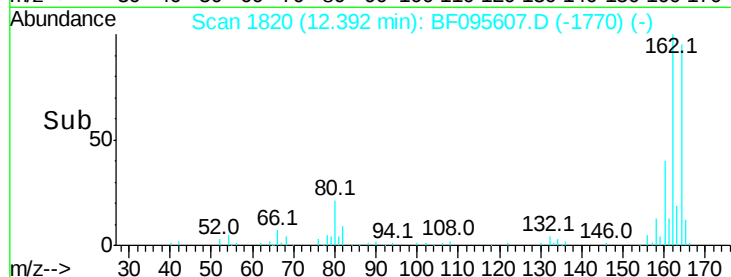
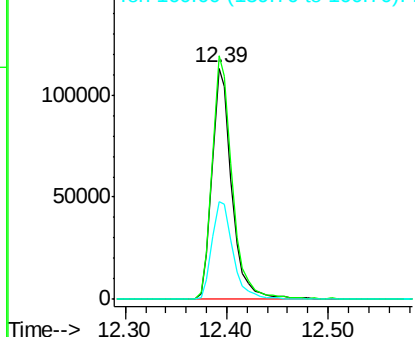
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 153684
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 42.2 36.2 54.2

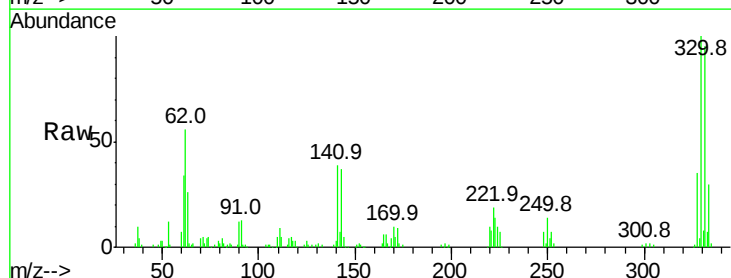


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

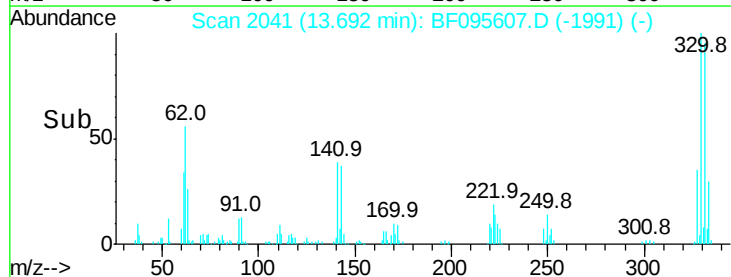
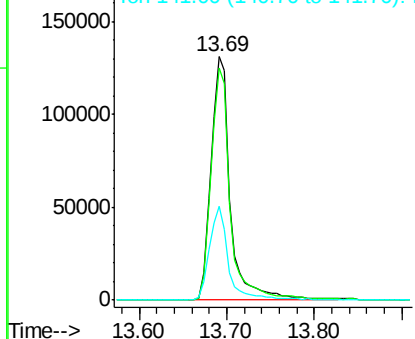


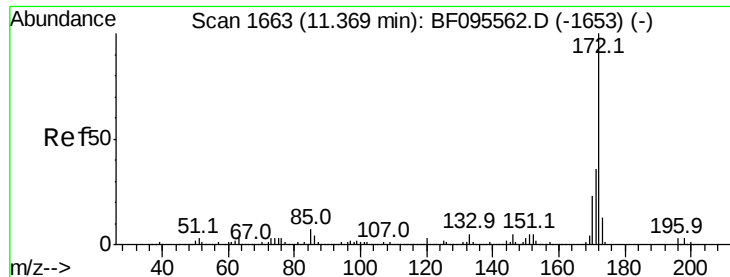
#41
2,4,6-Tribromophenol
Concen: 160.83 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:330 Resp: 202426
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 37.7 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

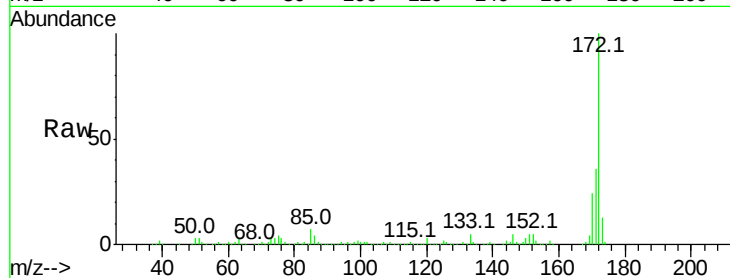




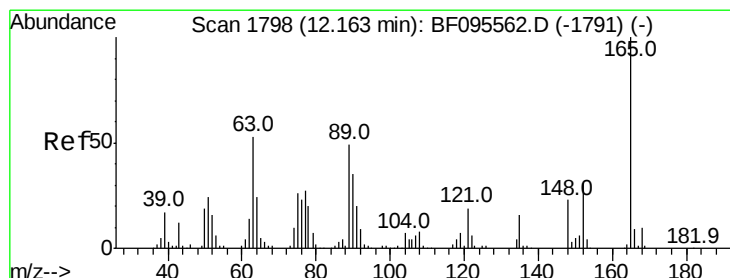
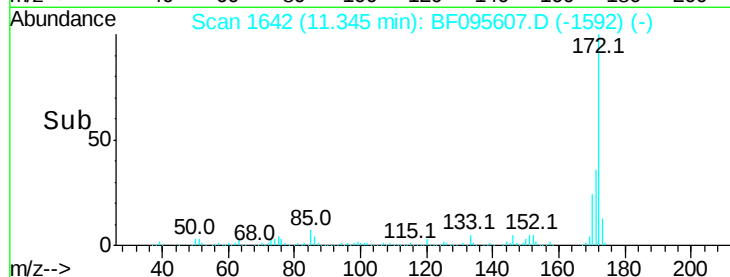
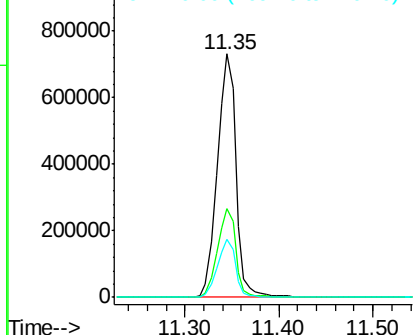
#44
2-Fluorobiphenyl
Concen: 95.67 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1021502
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.7 19.8 29.8

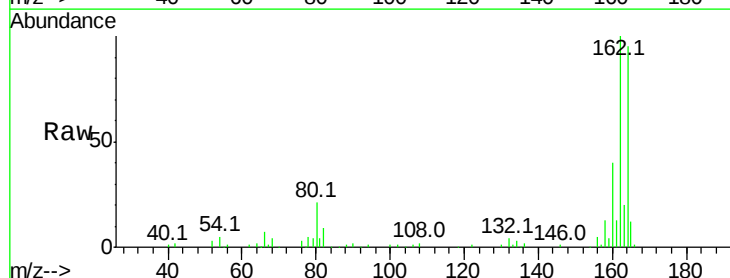


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

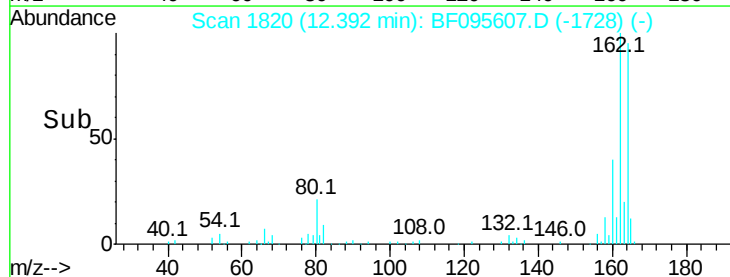
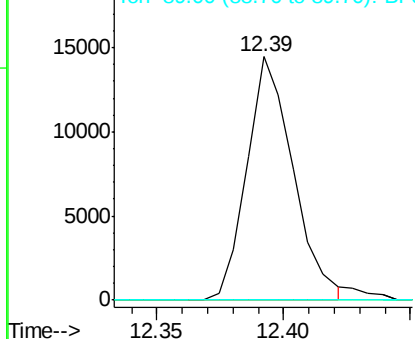


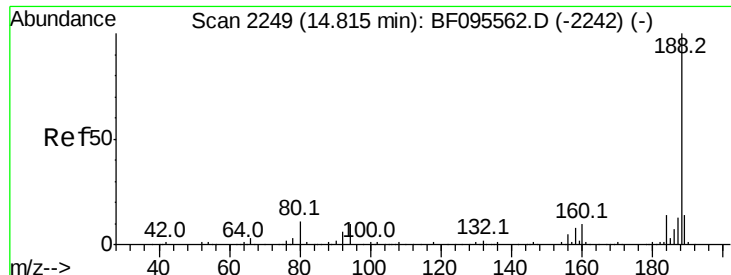
#50
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:165 Resp: 18386
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

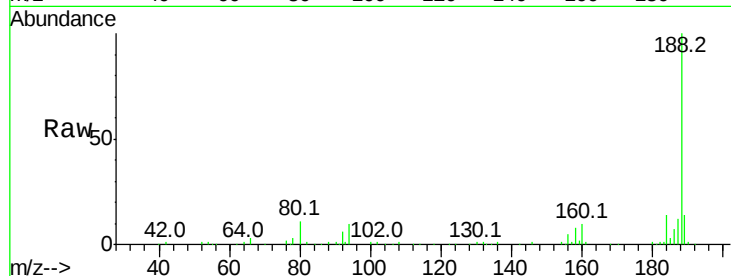




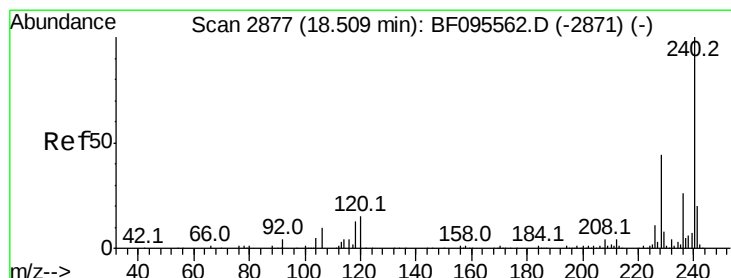
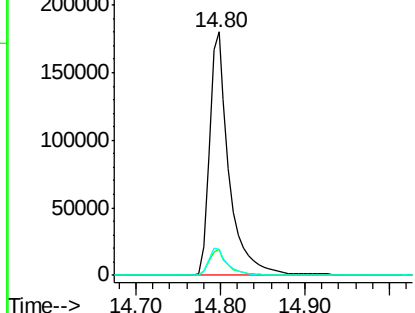
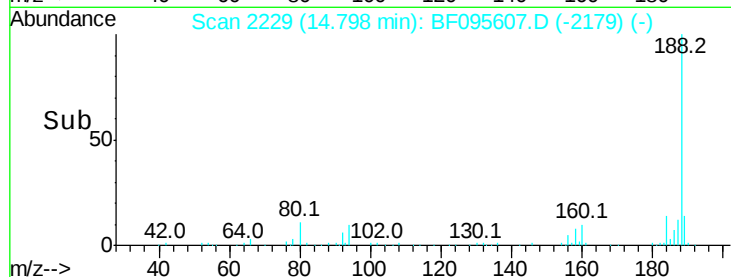
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 292772
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2

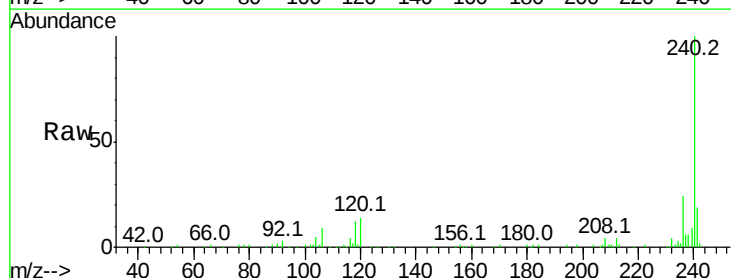


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

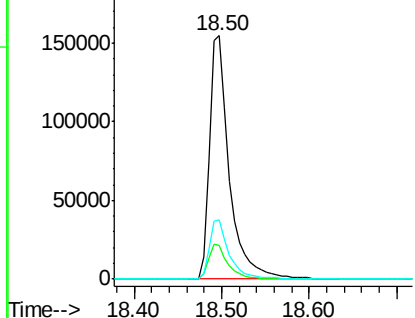
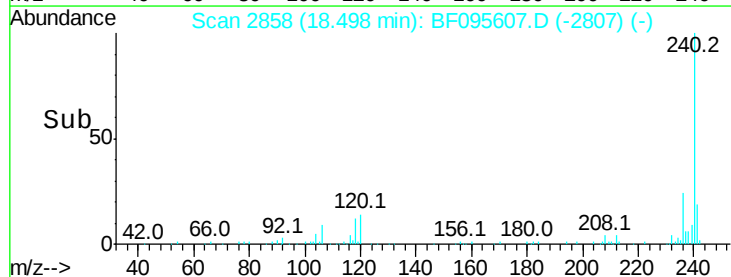


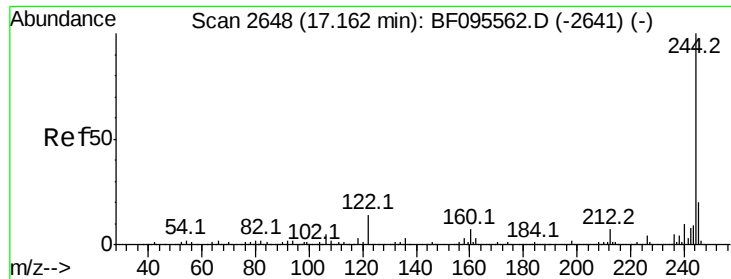
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:240 Resp: 242654
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.2 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

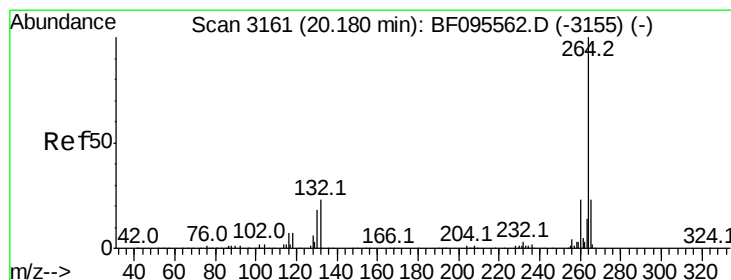
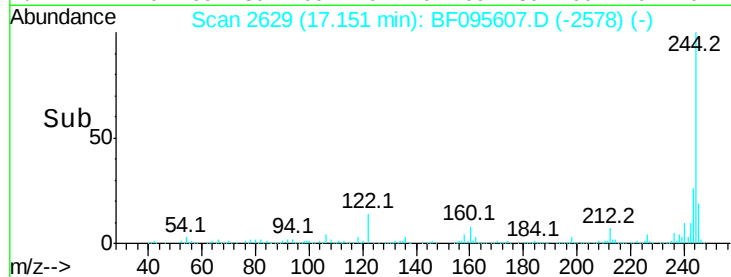
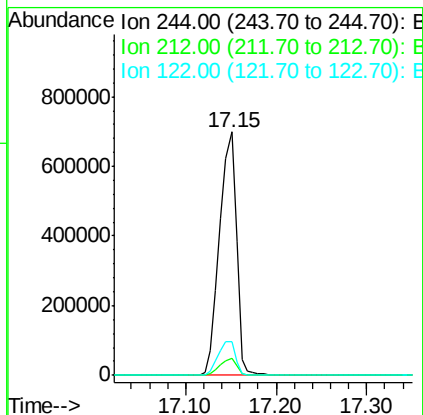
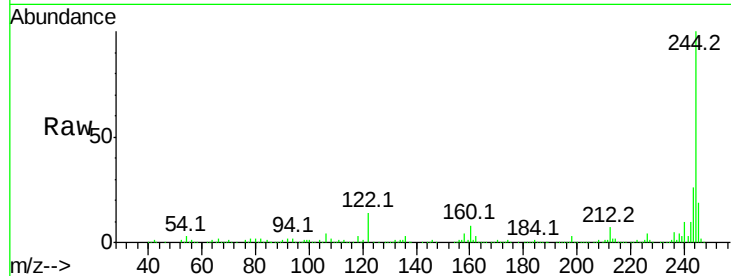




#78
 Terphenyl-d14
 Concen: 82.24 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095607.D
 Acq: 1 Jun 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 906073
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095607.D
 Acq: 1 Jun 2017 21:48

Tgt Ion:264 Resp: 163868
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 20.5 17.2 25.8

