

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095315.D
 Acq On : 22 May 2017 15:46
 Operator : SJ/MA
 Sample : I3157-02
 Misc : Double internal std added
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:14:52 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

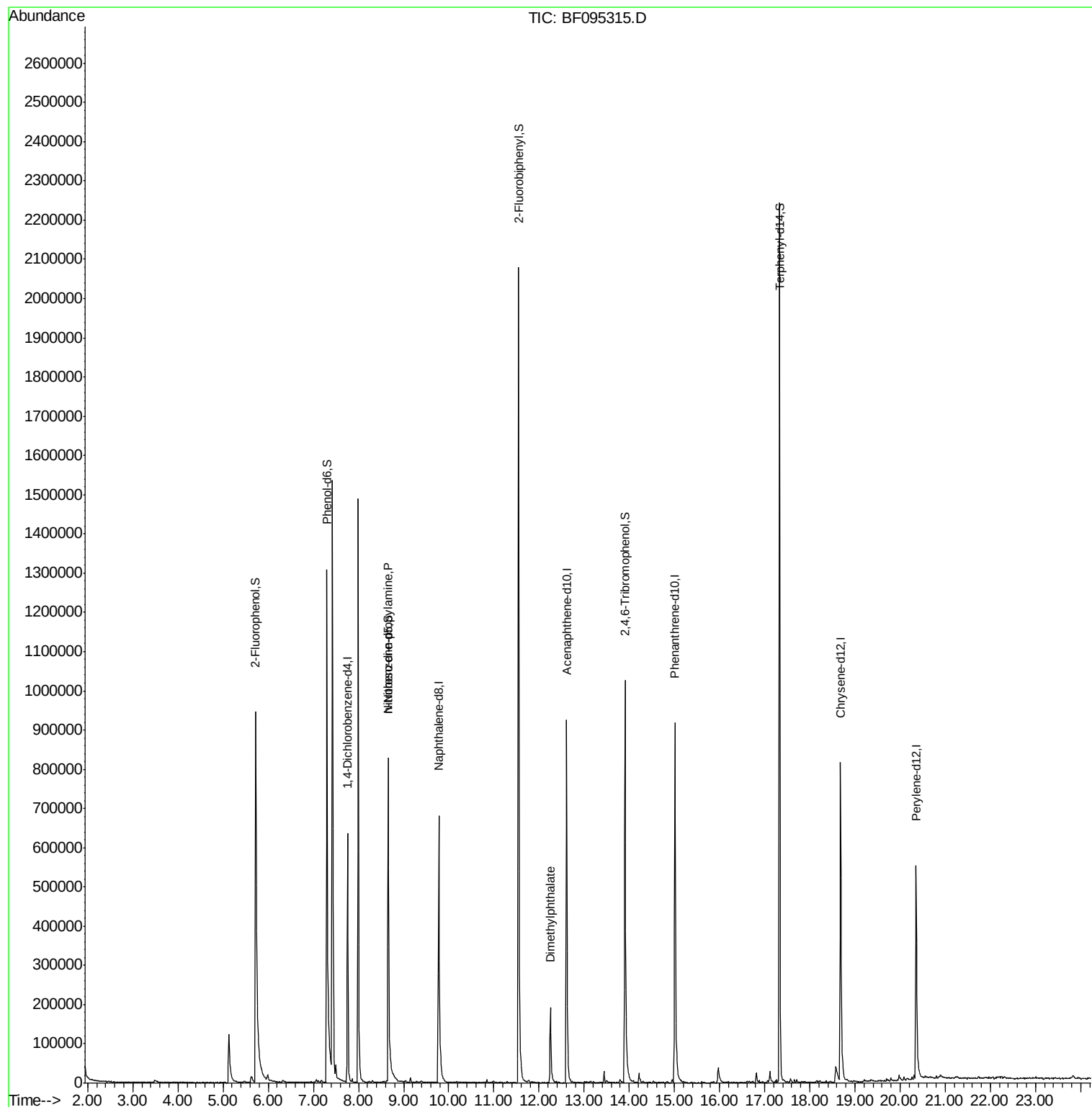
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	146995	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	631784	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	319647	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	600097	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	453948	20.00	ng	-0.01
86) Perylene-d12	20.36	264	328795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	708262	80.33	ng	-0.02
7) Phenol-d6	7.30	99	890291	84.16	ng	-0.01
23) Nitrobenzene-d5	8.66	82	504390	50.34	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	214546	81.96	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	1096629	49.38	ng	-0.01
78) Terphenyl-d14	17.33	244	955728	46.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	59775	8.35	ng	Qvalue # 79
49) Dimethylphthalate	12.25	163	161293	6.15	ng	98

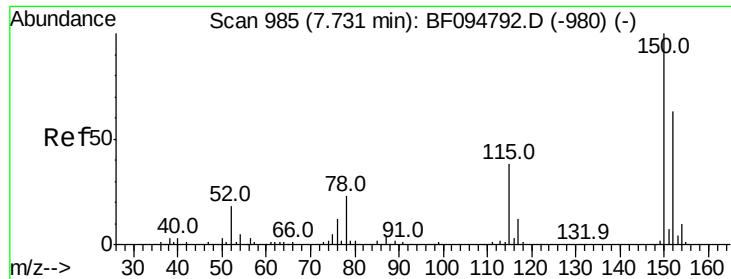
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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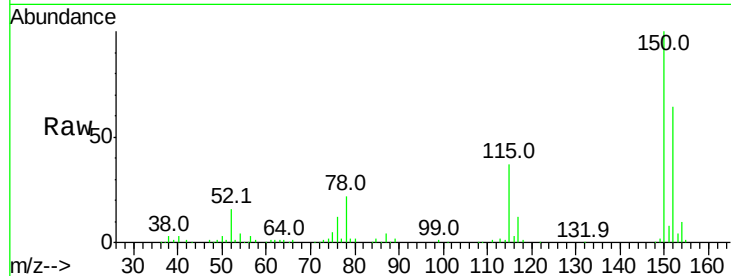


#1

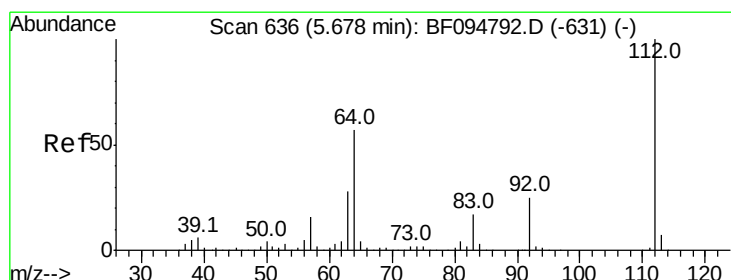
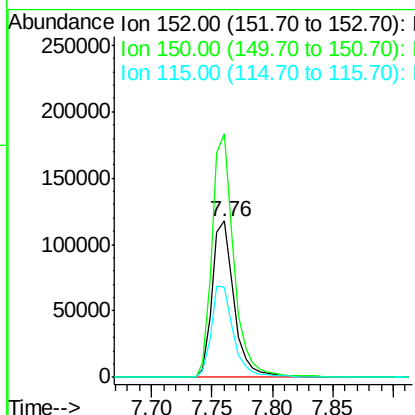
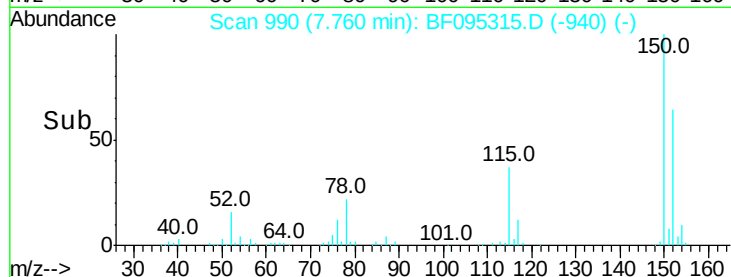
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 146995
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 57.8 52.2 78.2



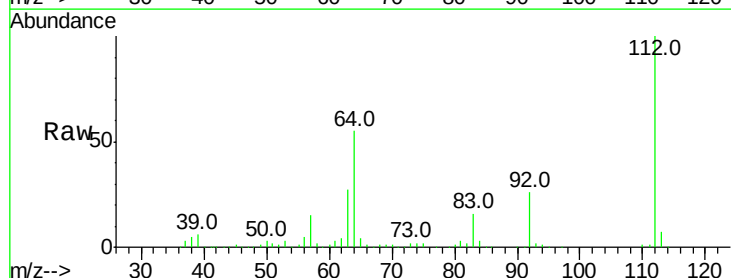
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



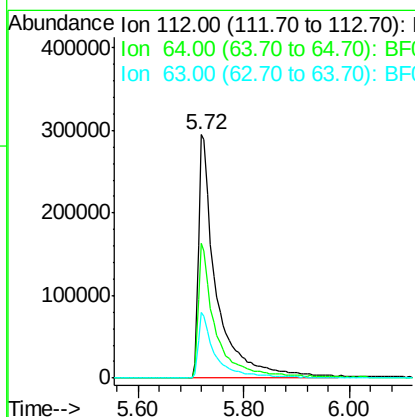
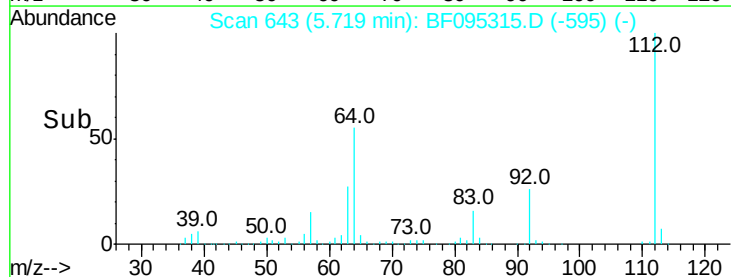
#5

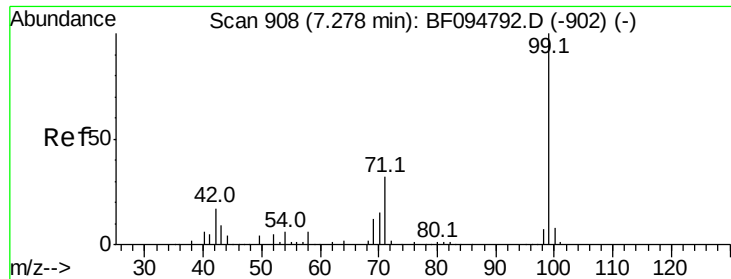
2-Fluorophenol
 Concen: 80.33 ng
 RT: 5.72 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Tgt Ion:112 Resp: 708262
 Ion Ratio Lower Upper
 112 100
 64 55.3 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: 84.16 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampleId :

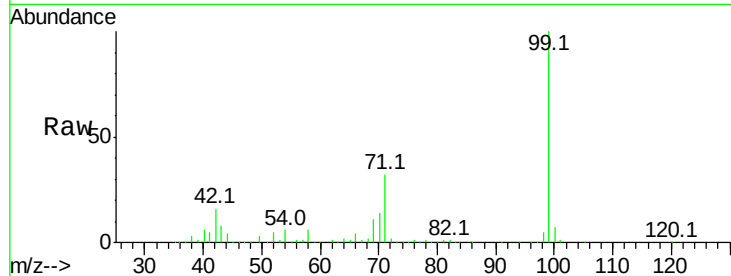
Tot Ion: 99 Resp: 890291

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

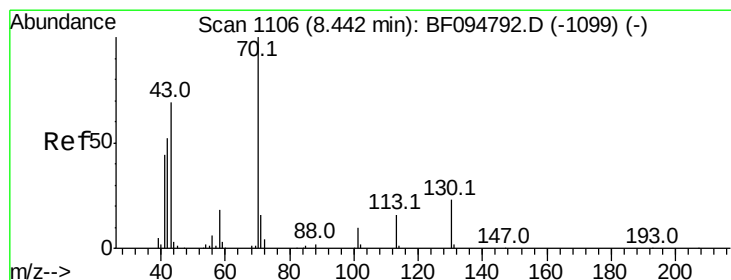
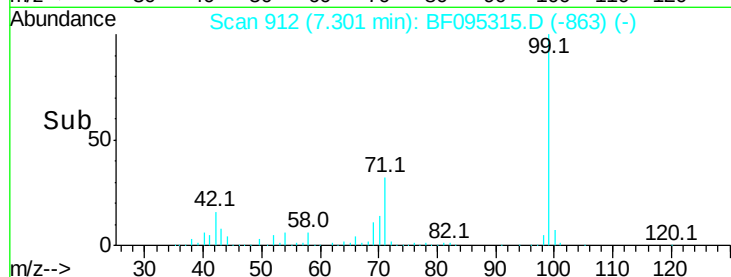
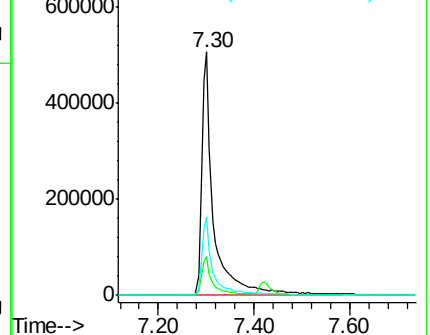
71 32.4 24.5 36.7



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: 8.35 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

Tgt Ion: 70 Resp: 59775

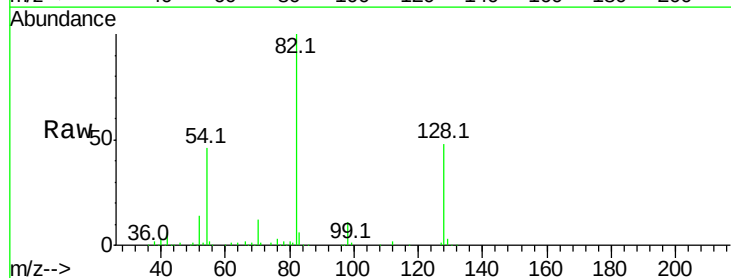
Ion Ratio Lower Upper

70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

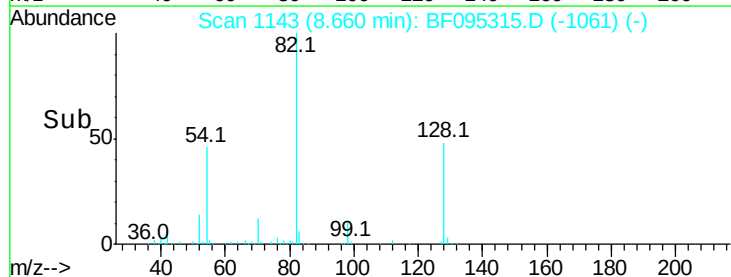
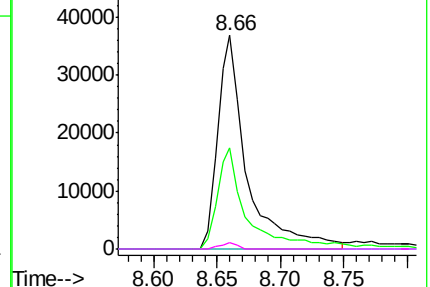


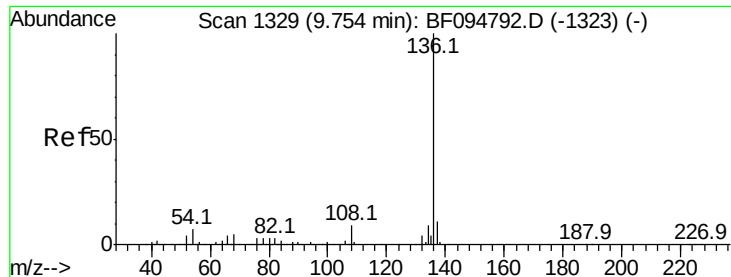
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

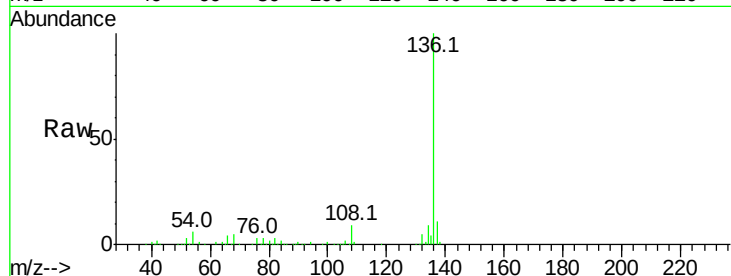




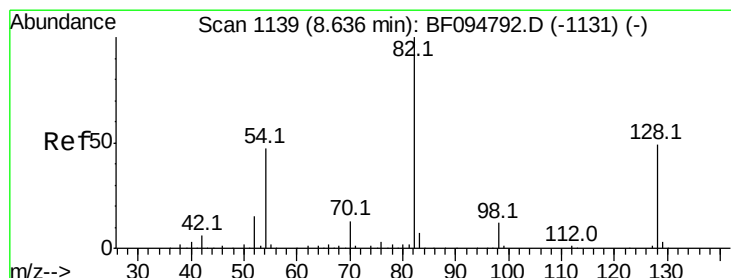
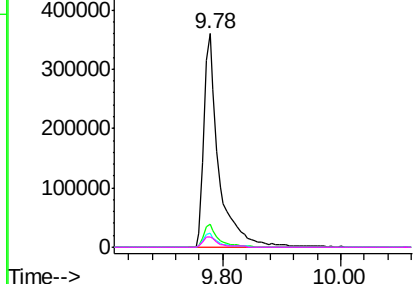
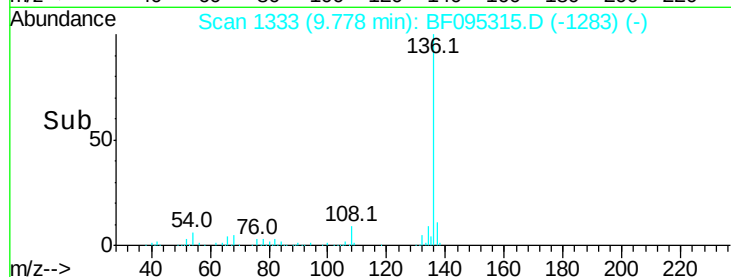
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	631784
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.5 12.7
54	6.4	4.9 7.3
68	5.1	4.1 6.1

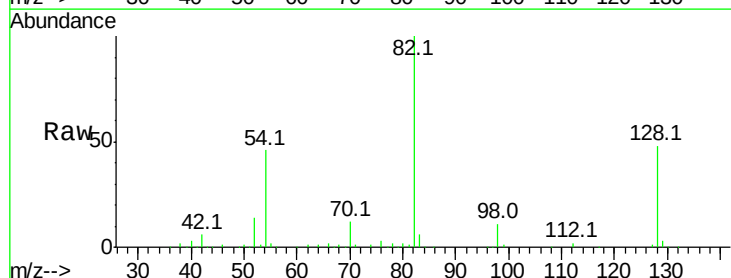


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

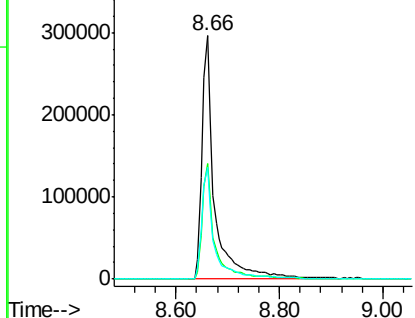
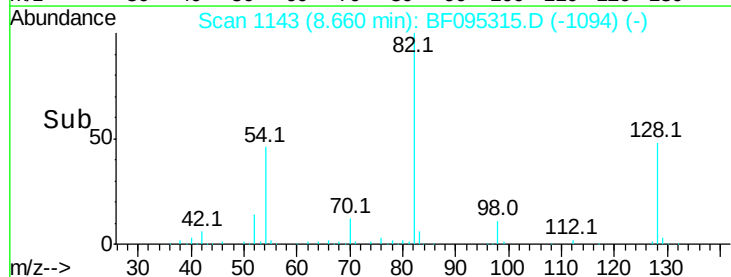


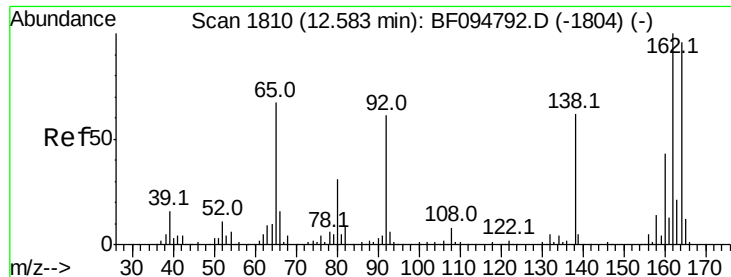
#23
Nitrobenzene-d5
Concen: 50.34 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095315.D
Acq: 22 May 2017 15:46

Tgt Ion: 82	Resp:	504390
Ion	Ratio	Lower Upper
82	100	
128	47.5	34.0 51.0
54	45.9	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: BF095315.D

Acq: 22 May 2017 15:46

Instrument :

BNA_F

ClientSampleId :

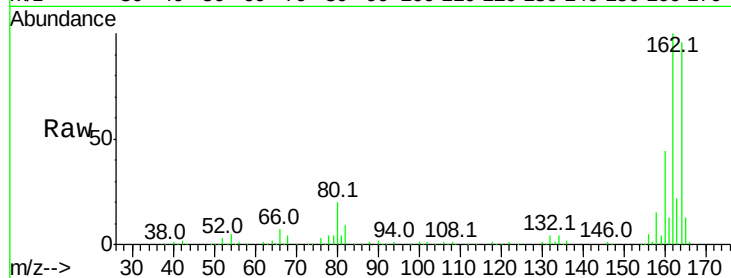
Tot Ion:164 Resp: 319647

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

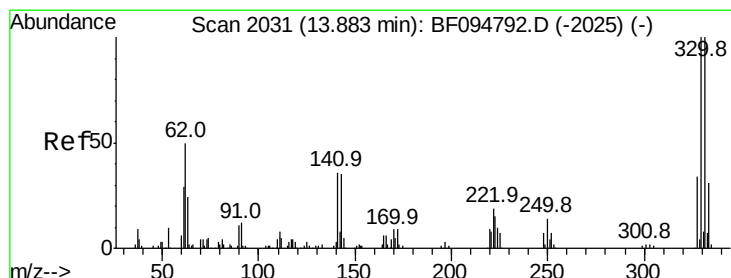
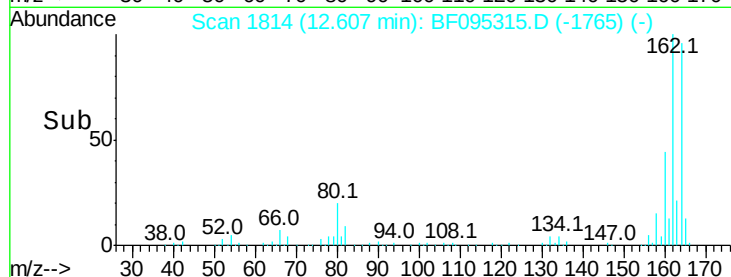
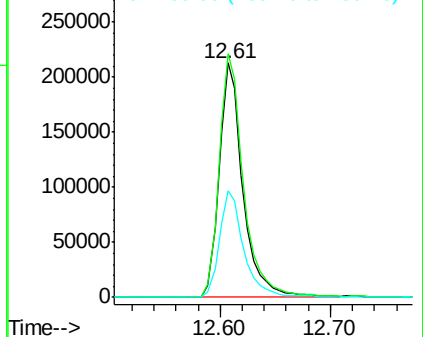
160 45.3 36.2 54.2



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: 81.96 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095315.D

Acq: 22 May 2017 15:46

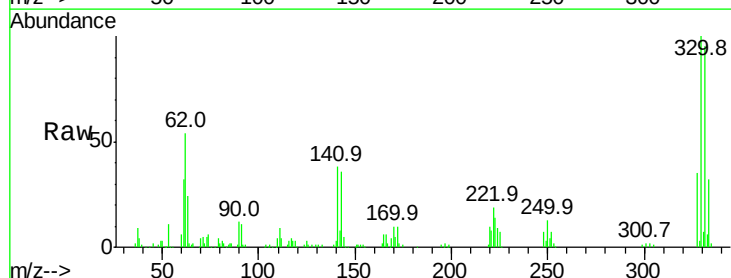
Tgt Ion:330 Resp: 214546

Ion Ratio Lower Upper

330 100

332 94.0 76.6 115.0

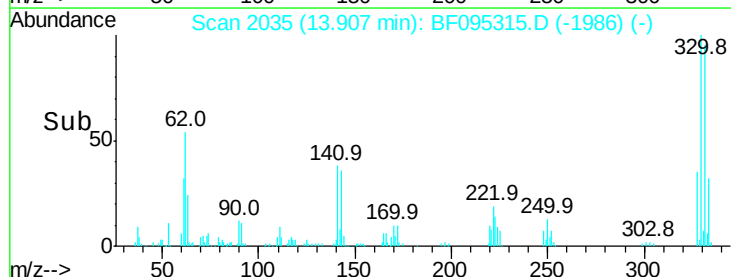
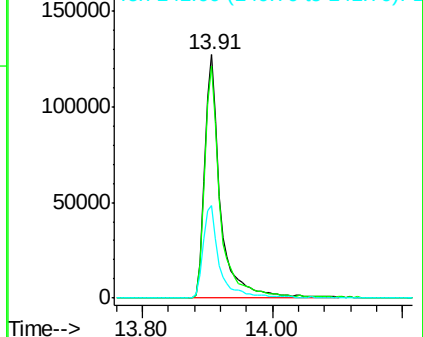
141 38.9 31.4 47.2

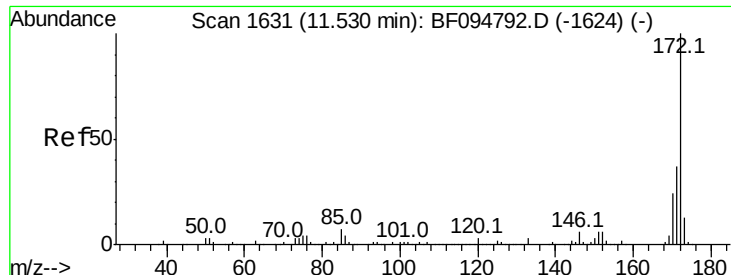


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



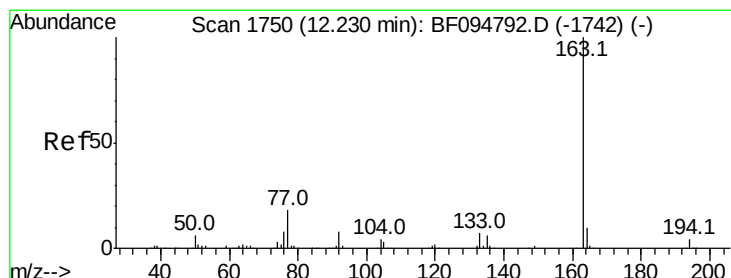
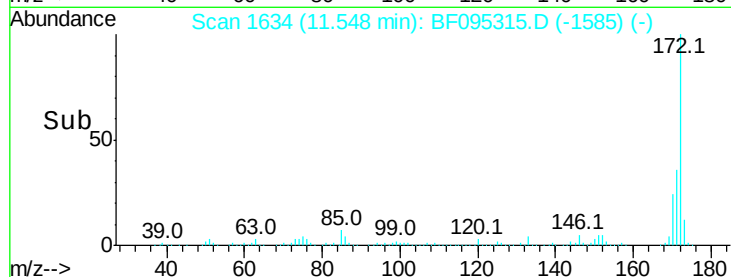
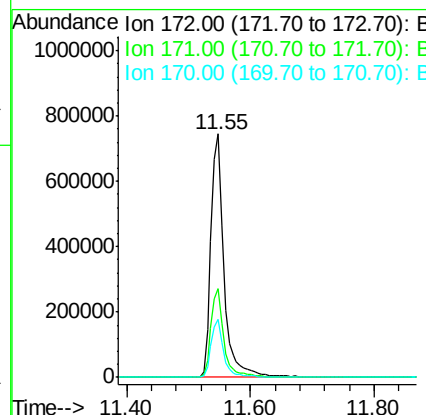
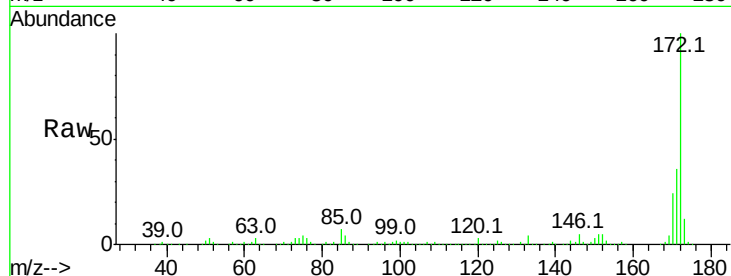


#44
 2-Fluorobiphenyl
 Concen: 49.38 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1096629

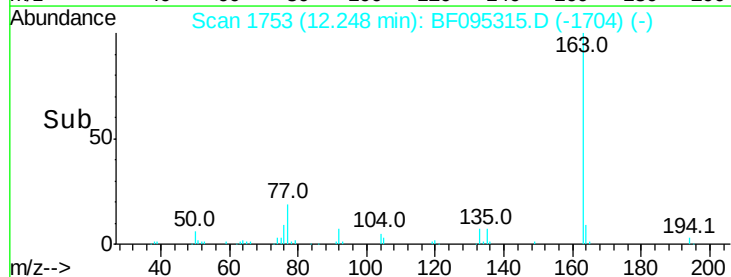
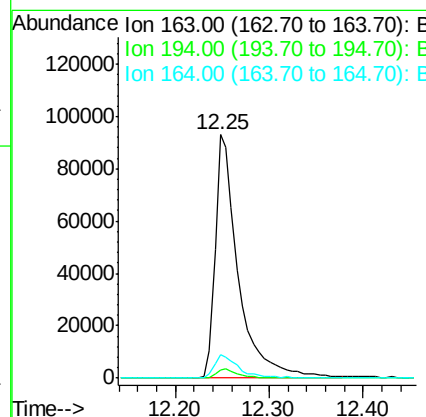
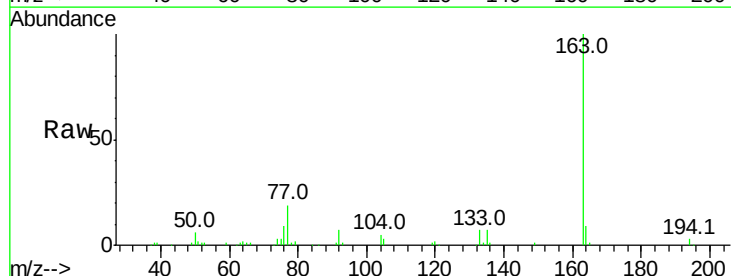
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	19.8	29.8

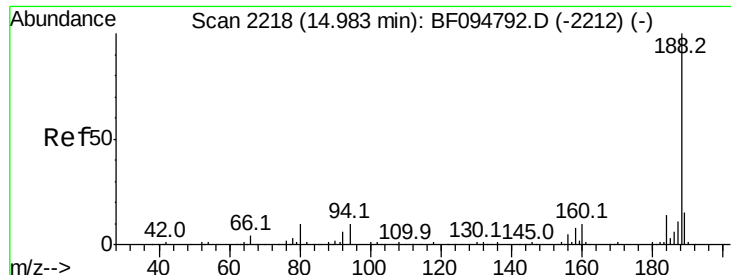


#49
 Dimethylphthalate
 Concen: 6.15 ng
 RT: 12.25 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Tgt Ion:163 Resp: 161293

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.5	8.4	12.6

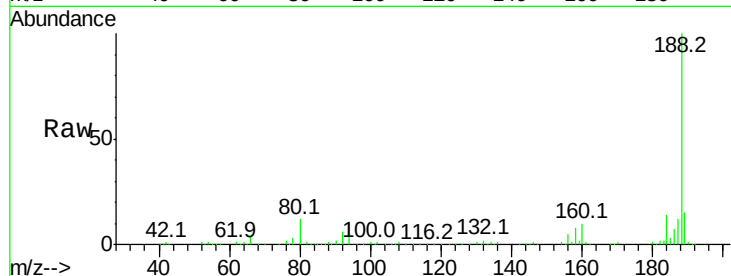




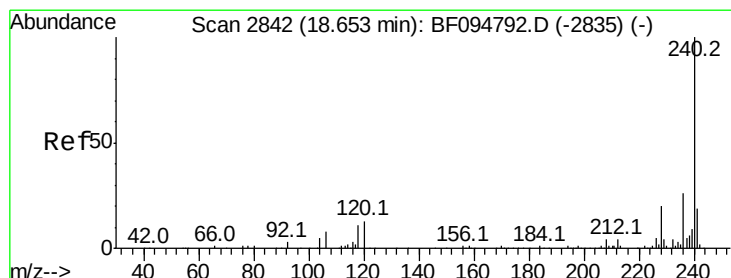
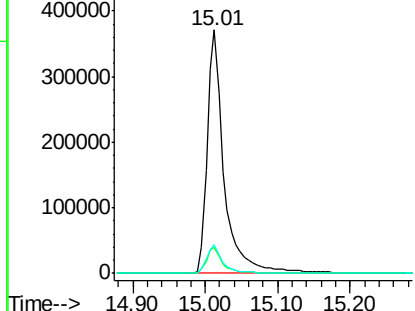
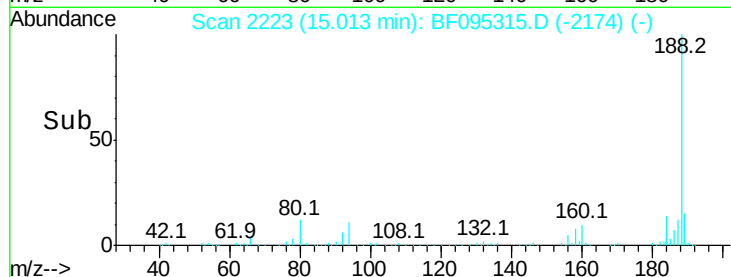
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 600097
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 10.2 15.2

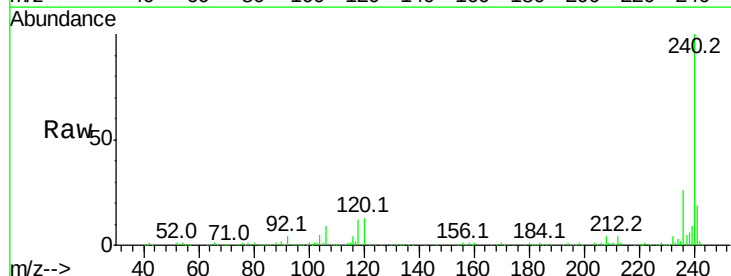


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

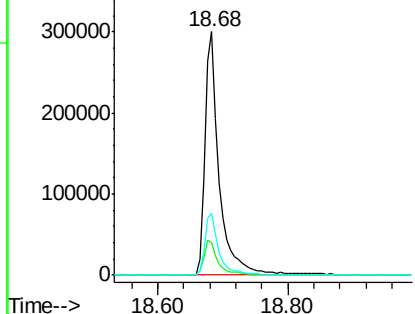
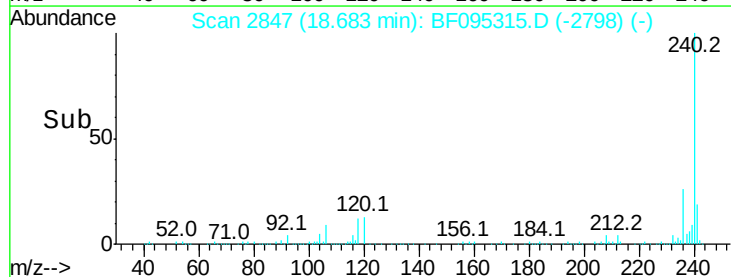


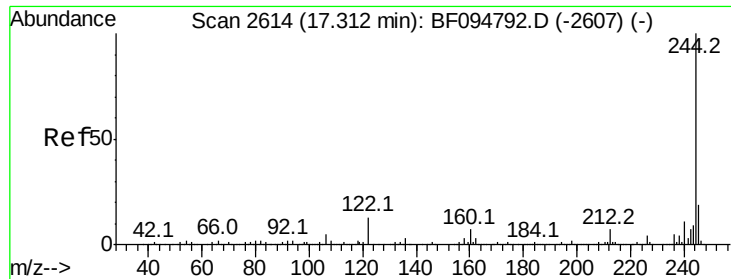
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Tgt Ion:240 Resp: 453948
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 25.5 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

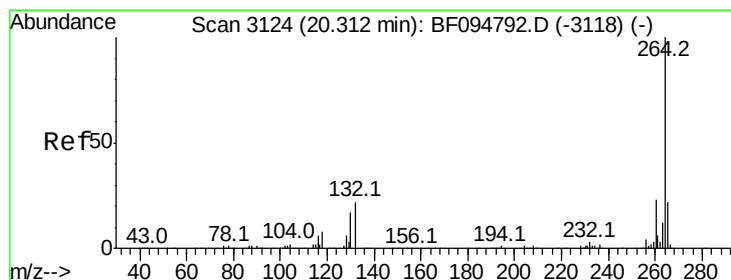
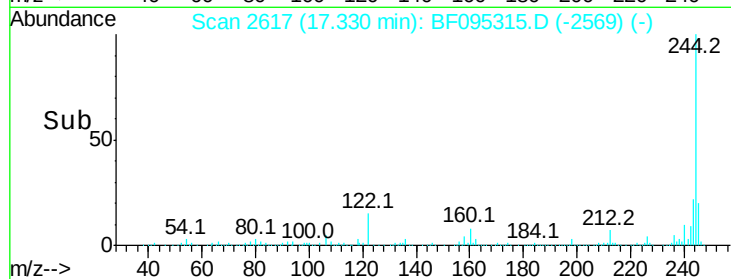
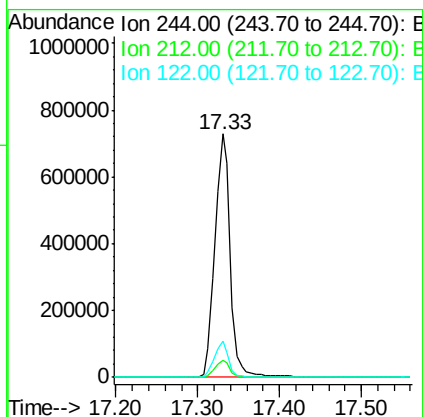
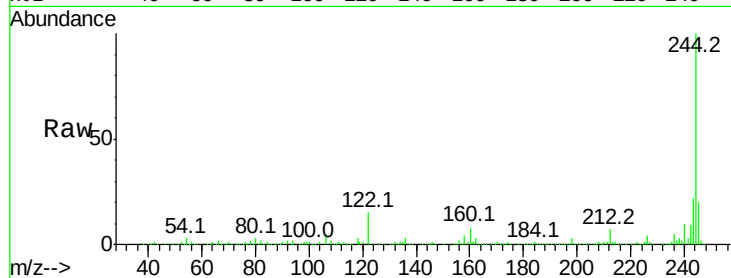




#78
 Terphenyl-d14
 Concen: 46.37 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 955728
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095315.D
 Acq: 22 May 2017 15:46

Tgt Ion:264 Resp: 328795
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.5 17.2 25.8

