

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095291.D
 Acq On : 20 May 2017 7:47
 Operator : SJ/MA
 Sample : I3207-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:54:47 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

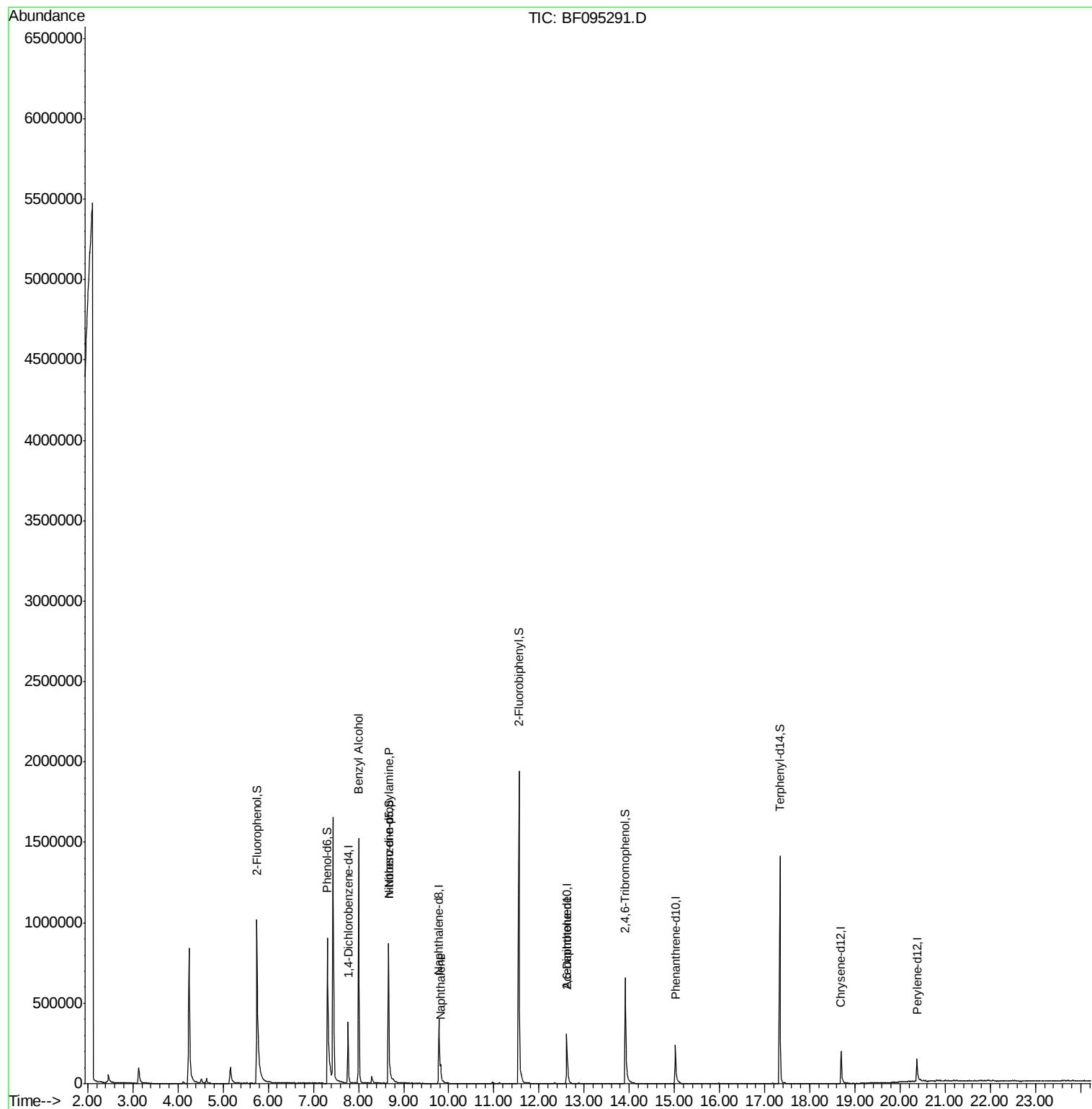
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	86234	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353194	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	119687	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	175565	20.00	ng	0.00
75) Chrysene-d12	18.69	240	131587	20.00	ng	0.00
86) Perylene-d12	20.37	264	77436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	719589	139.12	ng	0.01
7) Phenol-d6	7.31	99	735755	118.56	ng	0.00
23) Nitrobenzene-d5	8.67	82	520800	92.98	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	151047	154.10	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1051327	126.43	ng	0.00
78) Terphenyl-d14	17.34	244	601577	100.69	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.00	79	8347	2.09	ng	# 41
19) n-Nitroso-di-n-propylamine	8.67	70	61644	14.69	ng	# 78
31) Naphthalene	9.82	128	65735	3.70	ng	99
50) 2,6-Dinitrotoluene	12.61	165	11911	5.94	ng	# 31

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

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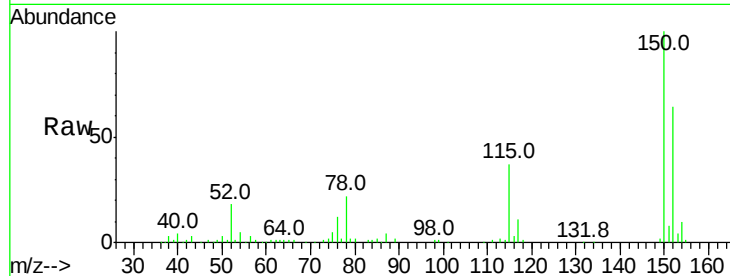


#1

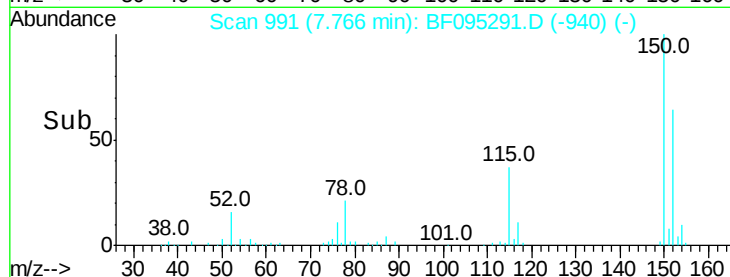
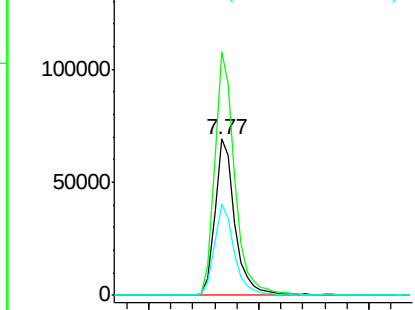
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 86234
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.1 52.2 78.2



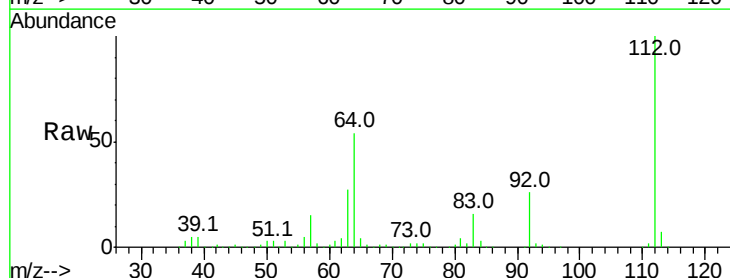
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



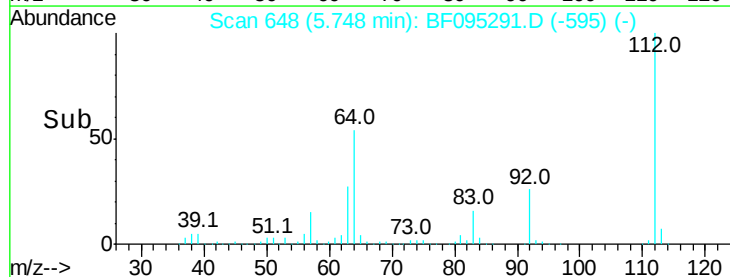
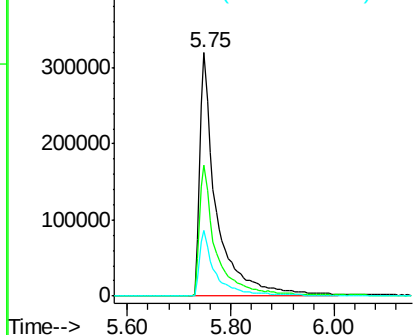
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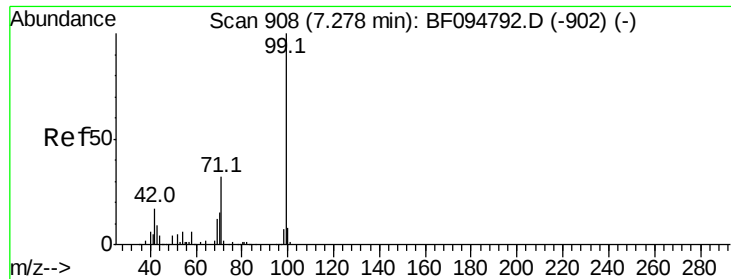
2-Fluorophenol
Concen: 139.12 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Tgt Ion:112 Resp: 719589
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 27.0 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: 118.56 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

Instrument :

BNA_F

ClientSampled :

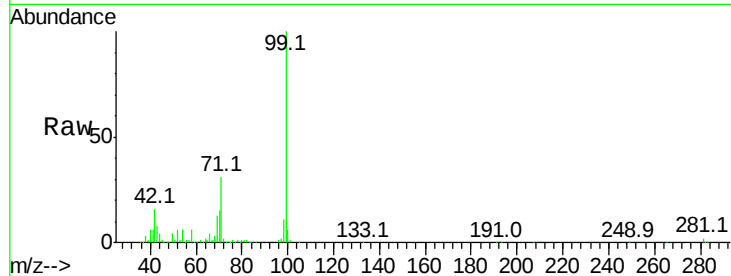
Tot Ion: 99 Resp: 735755

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

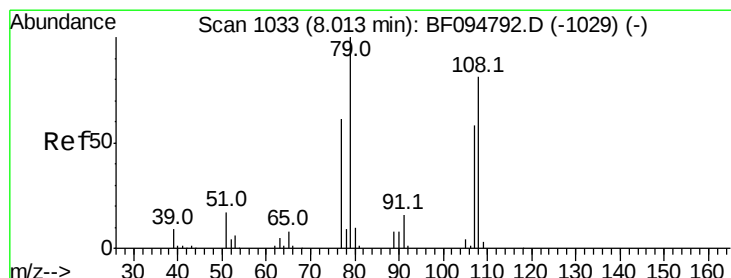
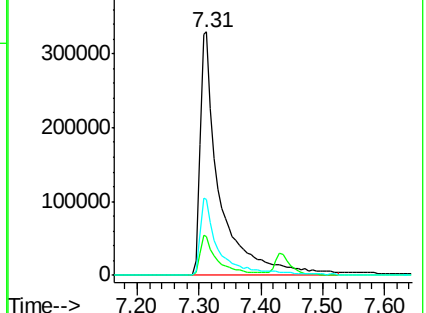
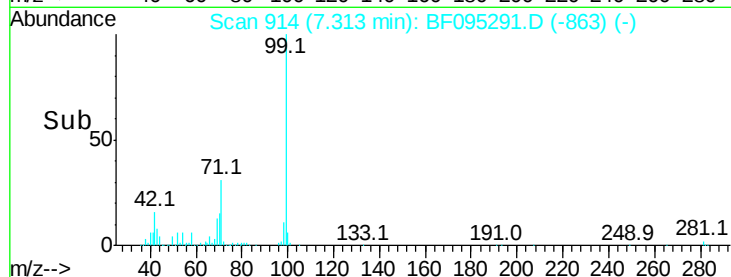
71 31.4 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

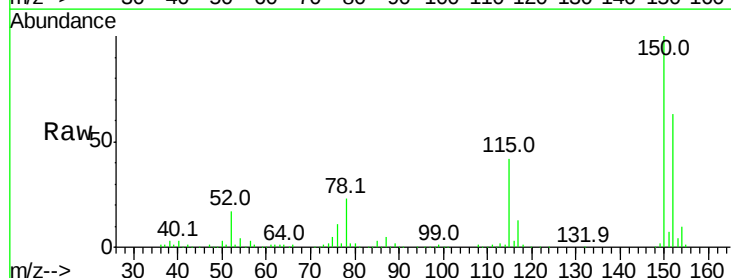
Tgt Ion: 79 Resp: 8347

Ion Ratio Lower Upper

79 100

108 33.1 63.4 95.0#

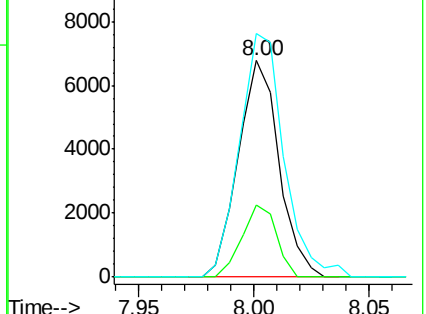
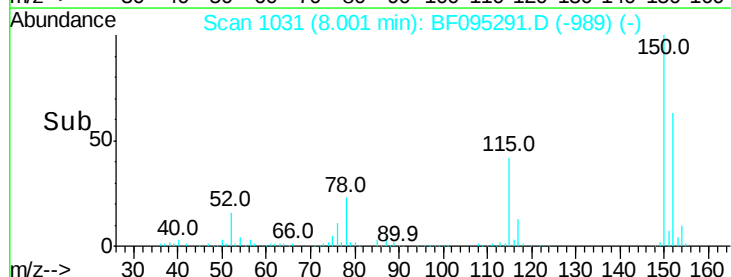
77 112.6 49.2 73.8#

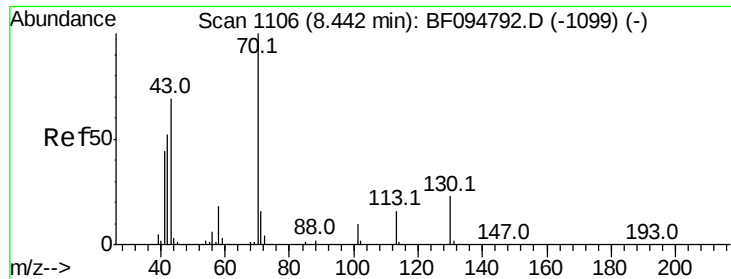


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

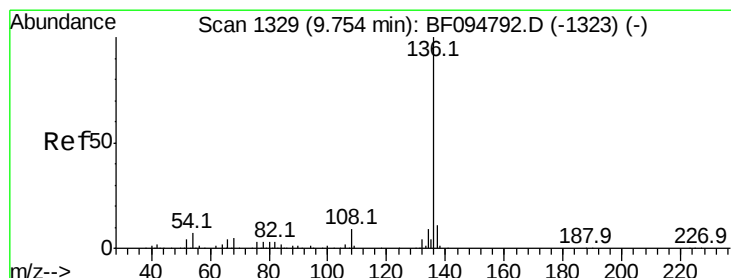
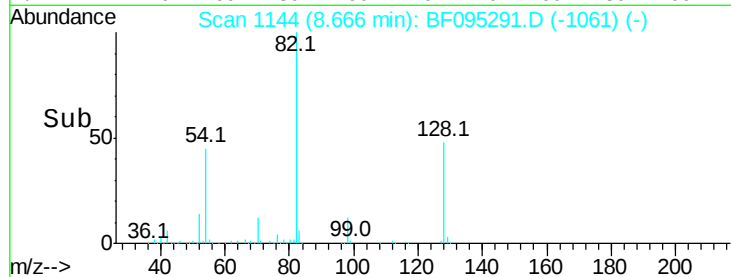
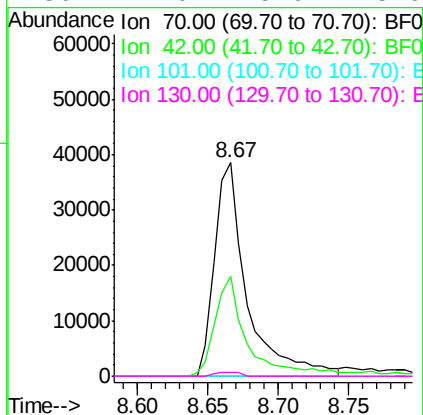
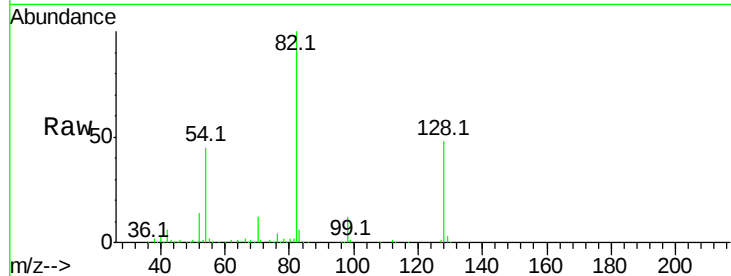




#19
n-Nitroso-di-n-propylamine
Concen: 14.69 ng
RT: 8.67 min Scan# 1144
Delta R.T. 0.19 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

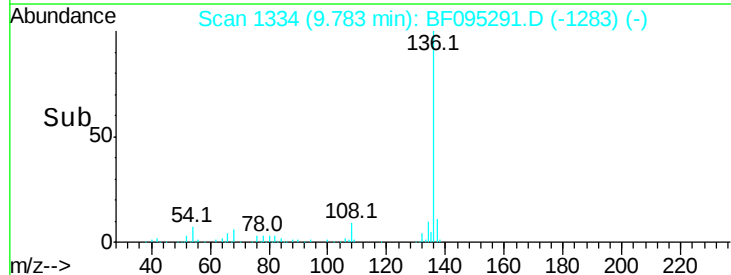
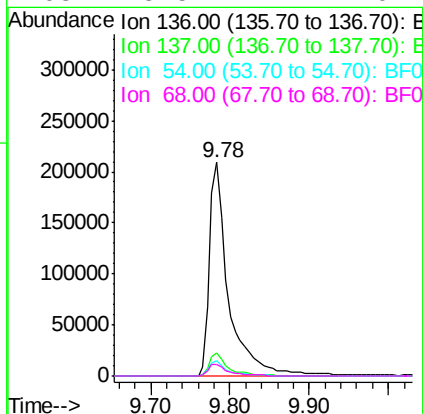
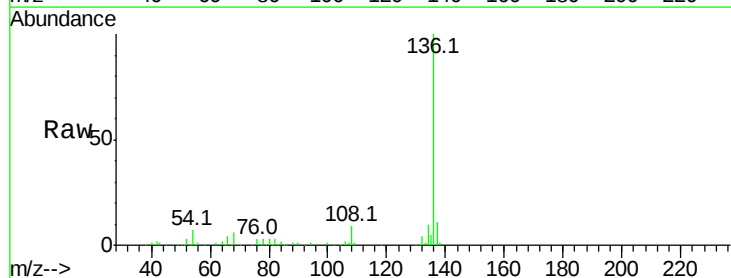
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 61644
Ion Ratio Lower Upper
70 100
42 47.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095291.D
Acq: 20 May 2017 7:47

Tgt Ion:136 Resp: 353194
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.1 4.9 7.3
68 5.5 4.1 6.1

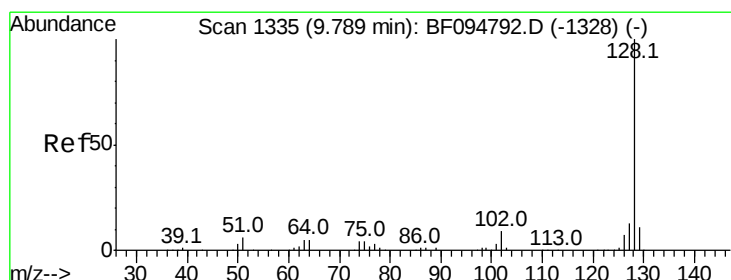
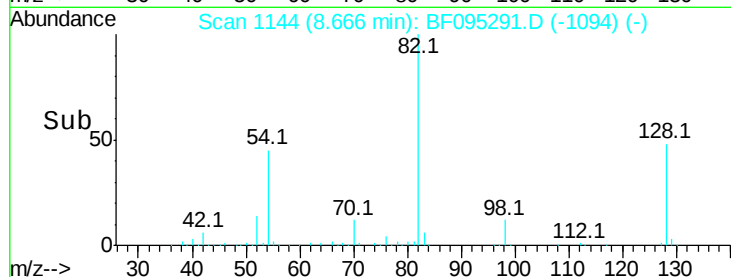
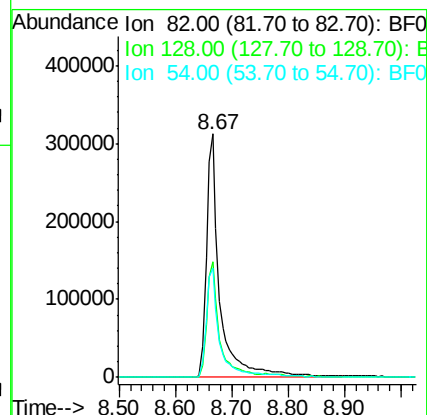
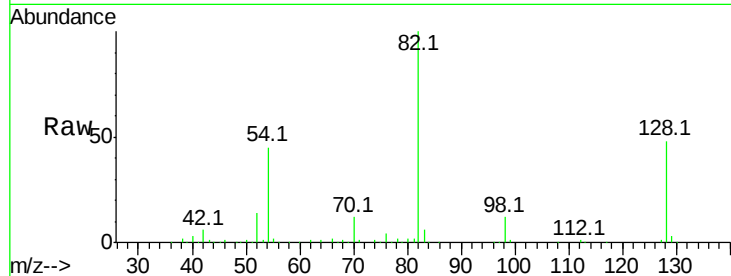




#23
 Nitrobenzene-d5
 Concen: 92.98 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

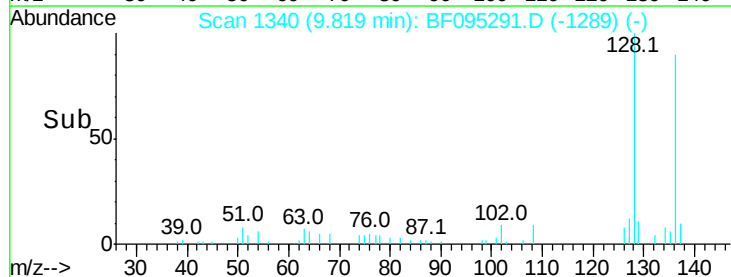
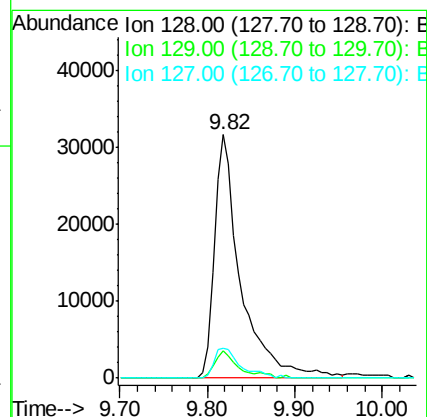
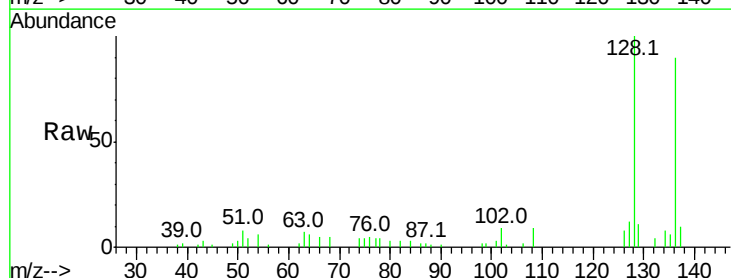
Instrument :
 BNA_F
 ClientSampleId :

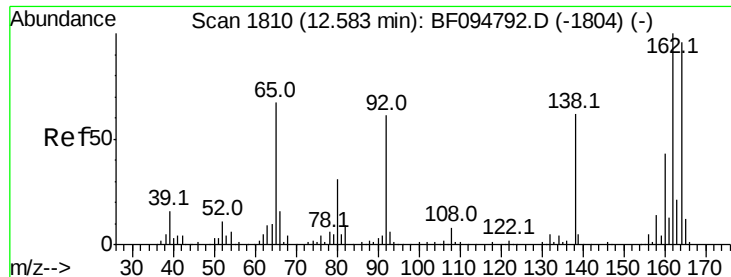
Tot Ion: 82 Resp: 520800
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 45.1 42.2 63.2



#31
 Naphthalene
 Concen: 3.70 ng
 RT: 9.82 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion:128 Resp: 65735
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 12.4 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

Instrument :

BNA_F

ClientSampled :

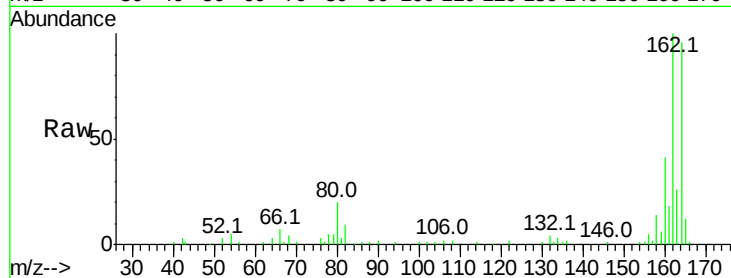
Tot Ion:164 Resp: 119687

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

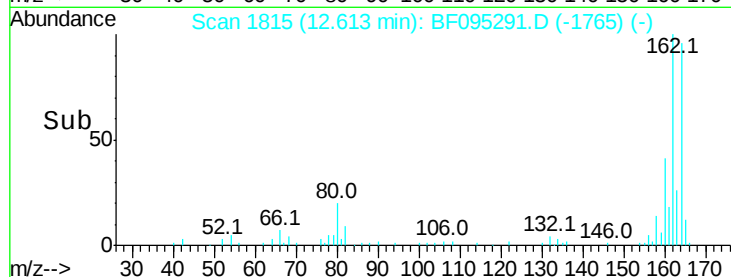
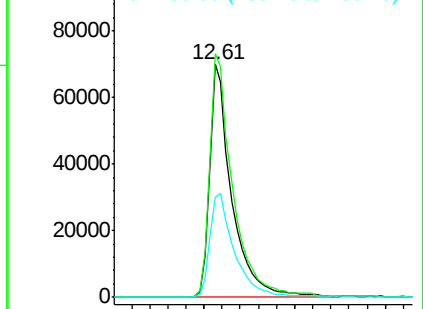
160 43.2 36.2 54.2



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: 154.10 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095291.D

Acq: 20 May 2017 7:47

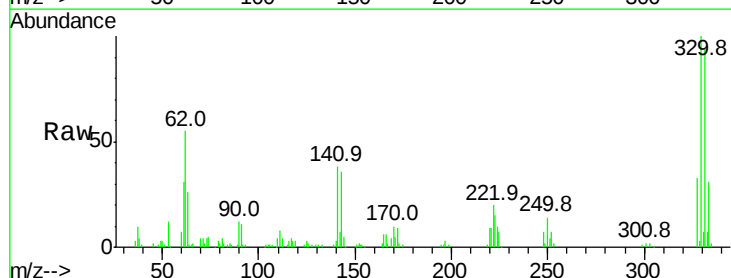
Tgt Ion:330 Resp: 151047

Ion Ratio Lower Upper

330 100

332 94.7 76.6 115.0

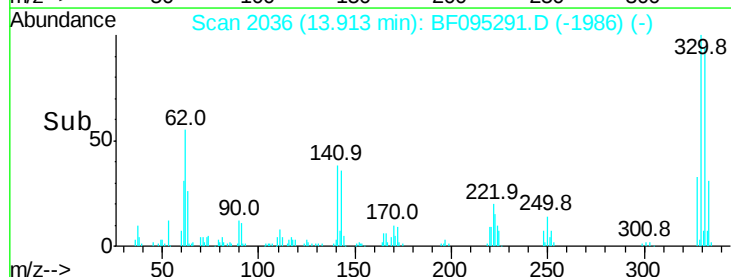
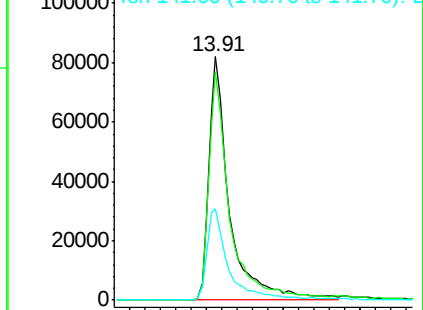
141 38.8 31.4 47.2



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



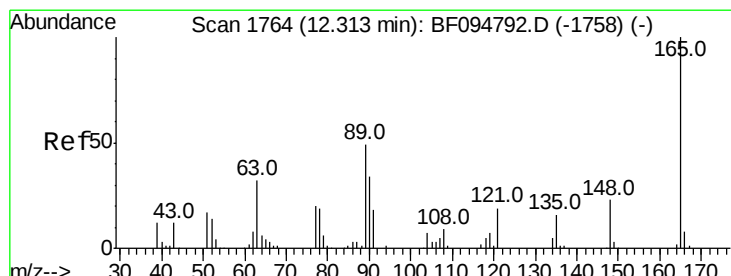
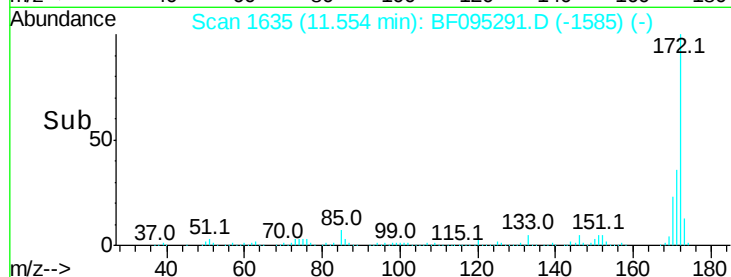
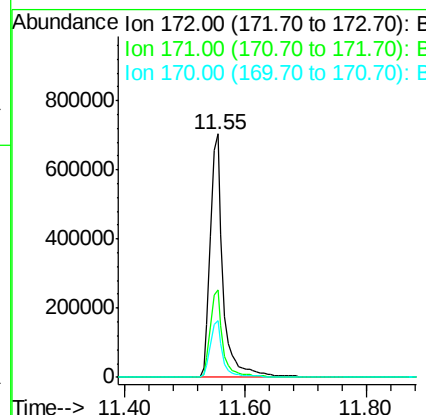
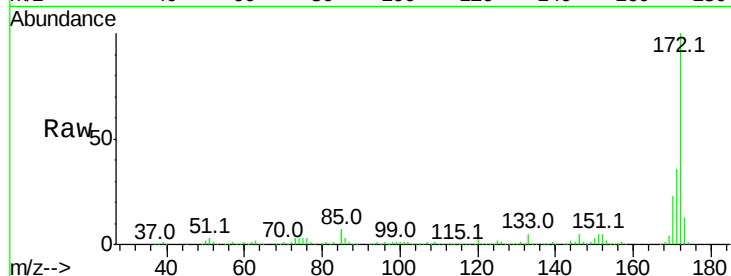


#44
 2-Fluorobiphenyl
 Concen: 126.43 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1051327

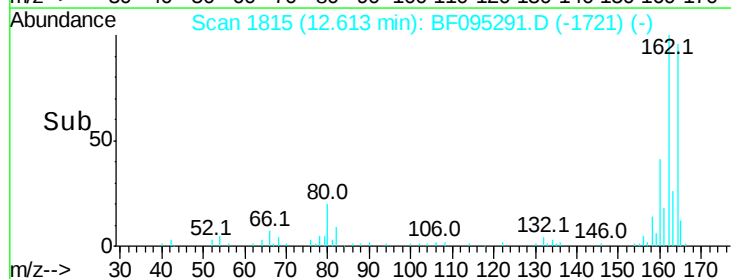
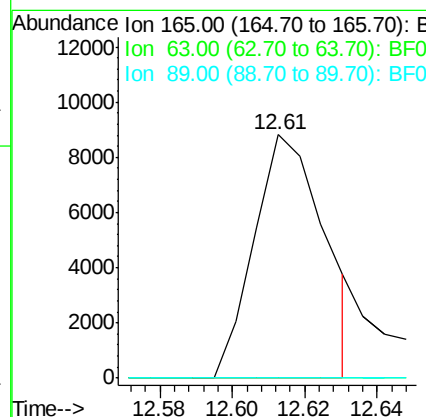
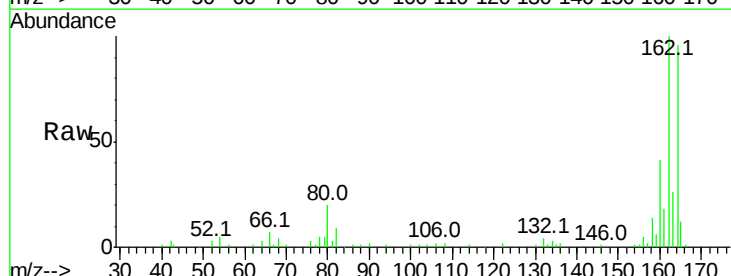
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.1	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.94 ng
 RT: 12.61 min Scan# 1815
 Delta R.T. 0.25 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion:165 Resp: 11911

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

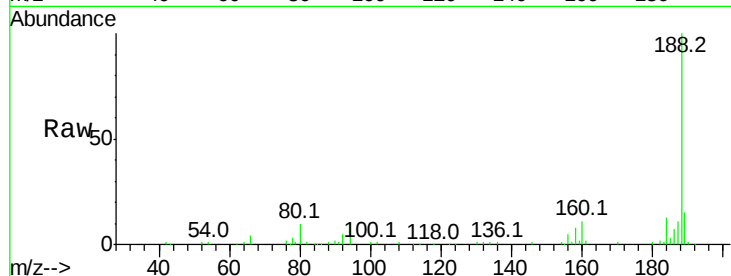




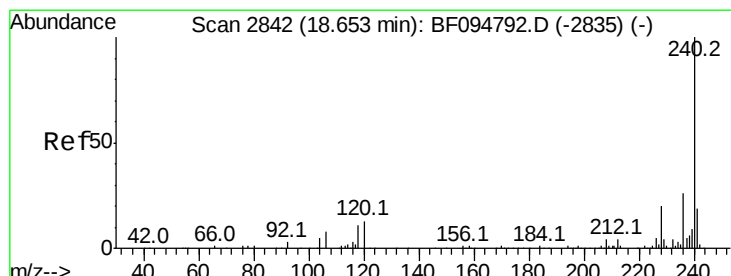
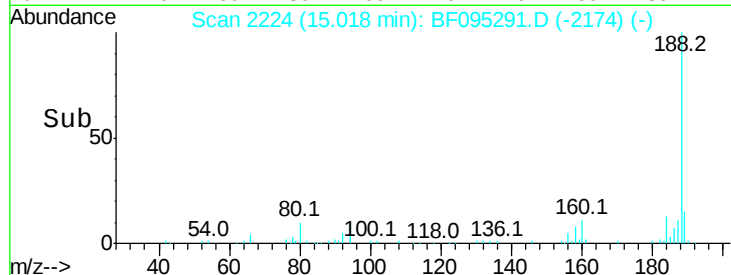
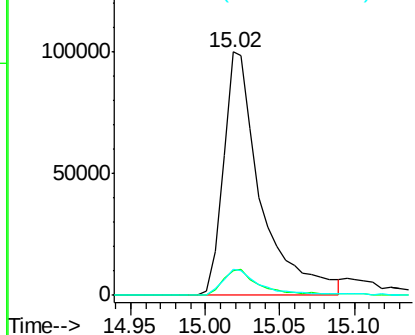
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.5	10.2	15.2

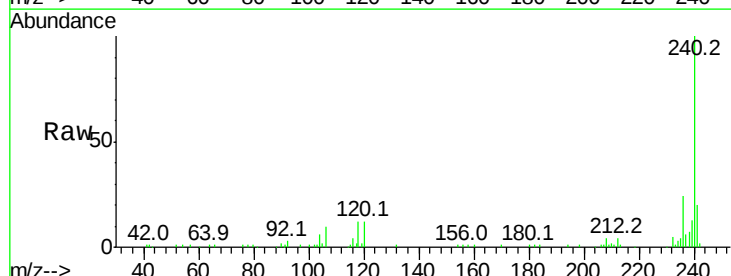


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

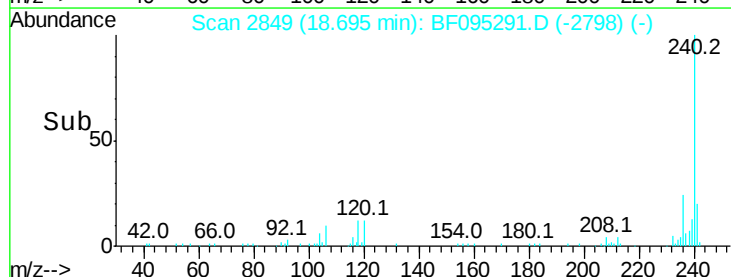
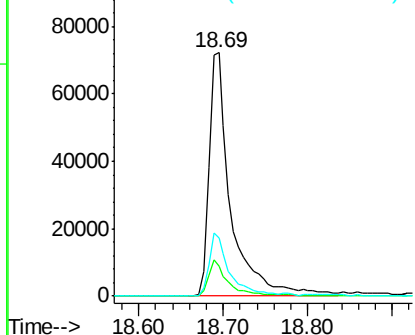


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	24.1	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

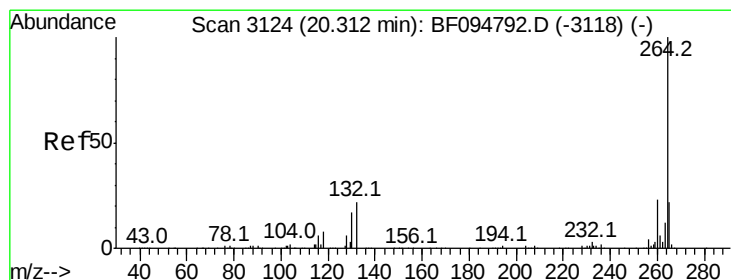
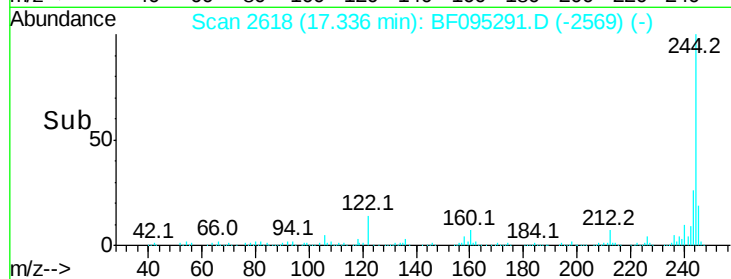
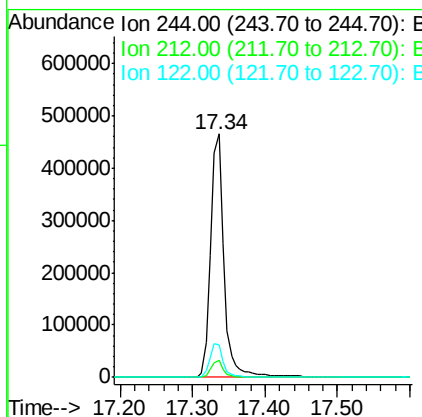
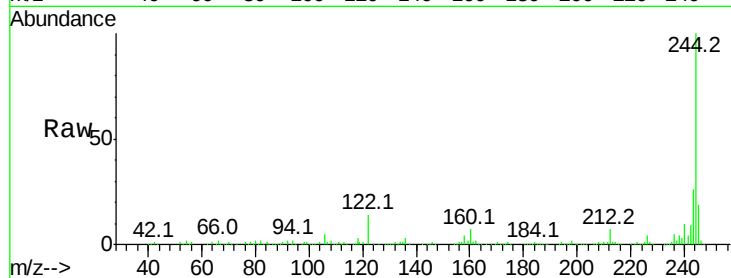




#78
 Terphenyl-d14
 Concen: 100.69 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 601577
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095291.D
 Acq: 20 May 2017 7:47

Tgt Ion:264 Resp: 77436
 Ion Ratio Lower Upper
 264 100
 260 27.1 19.5 29.3
 265 21.1 17.2 25.8

