

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098789.D
 Acq On : 25 Sep 2017 18:13
 Operator : SJ/JU
 Sample : PB102556BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:17:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

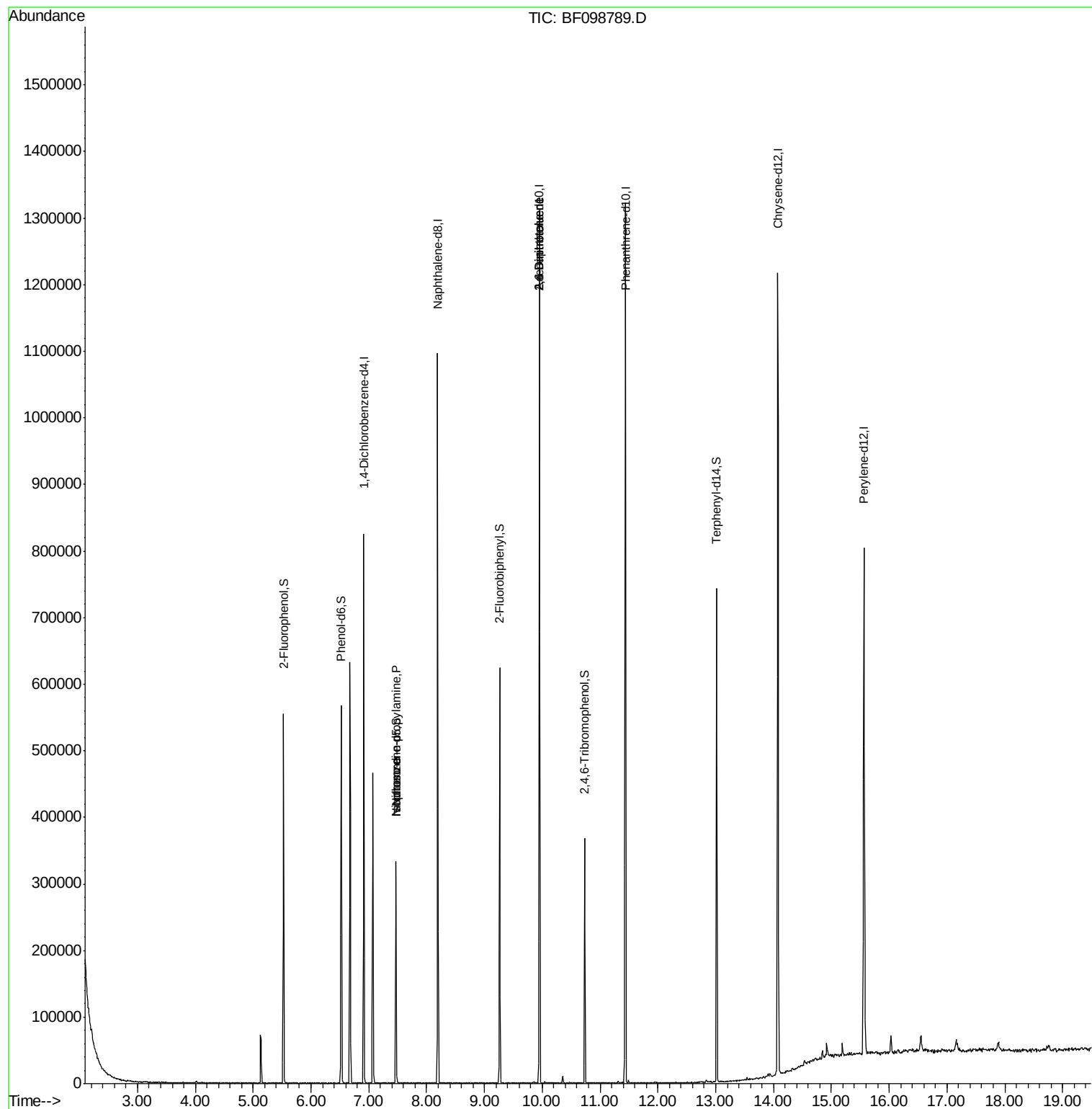
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121560	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	511348	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	234991	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	439855	20.00	ng	0.00
75) Chrysene-d12	14.07	240	379472	20.00	ng	-0.01
86) Perylene-d12	15.57	264	325068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	138252	18.10	ng	-0.02
7) Phenol-d6	6.52	99	165391	17.56	ng	-0.02
23) Nitrobenzene-d5	7.47	82	94621	11.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	31873	16.58	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	196118	13.93	ng	-0.01
78) Terphenyl-d14	13.02	244	200067	11.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	12427	2.066	ng	# 78
25) Isophorone	7.47	82	94621	5.740	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	28853	7.473	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	28853	5.758	ng	# 24

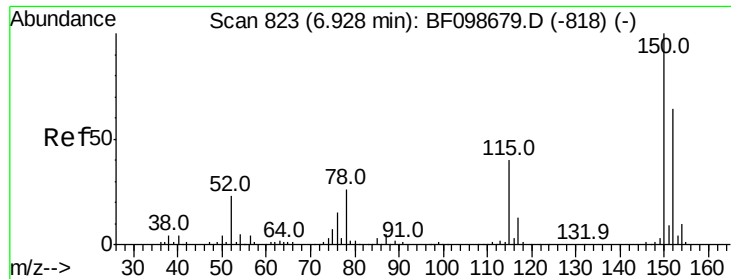
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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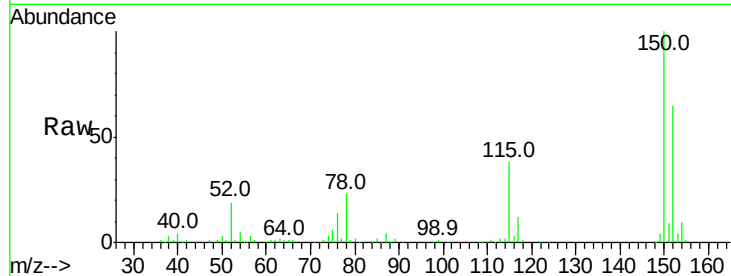


#1

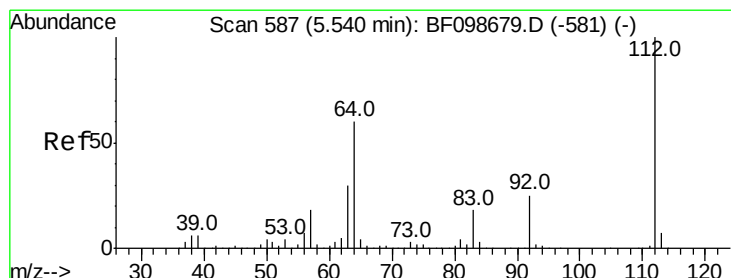
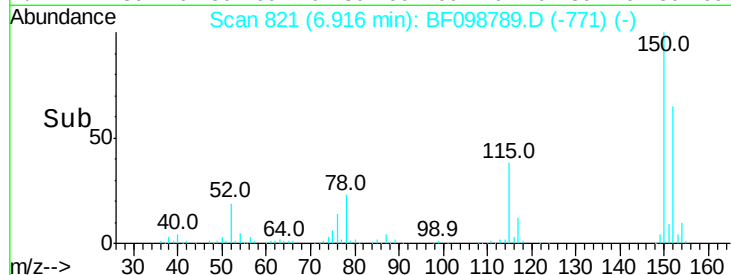
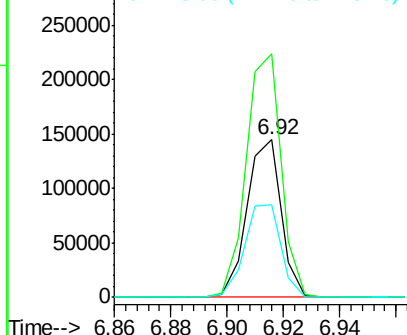
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121560
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 59.0 50.1 75.1



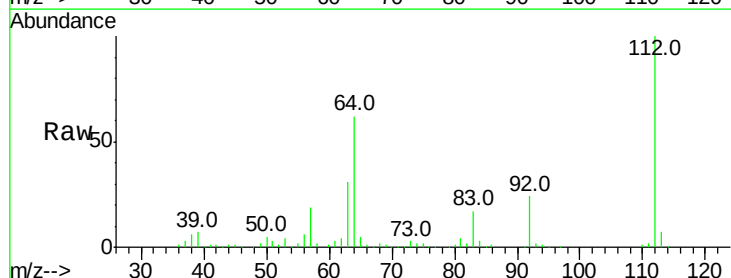
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



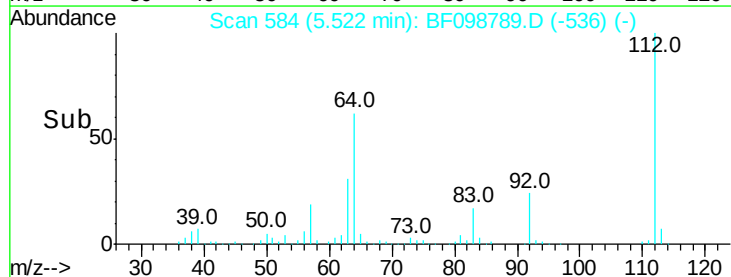
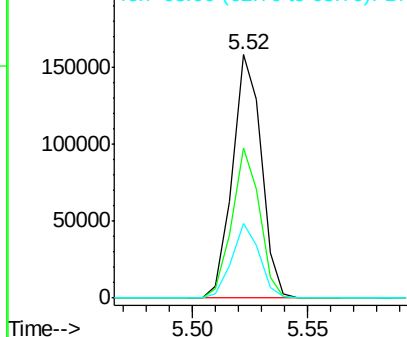
#5

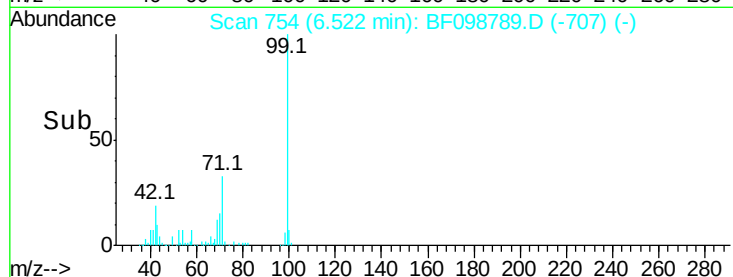
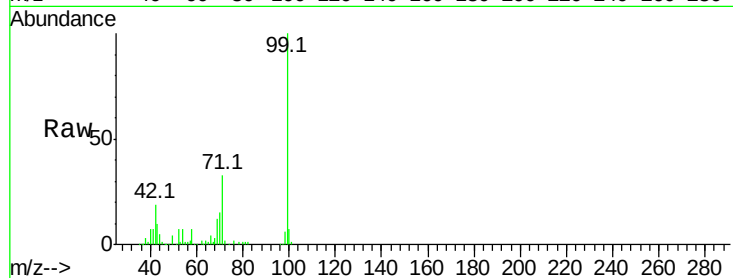
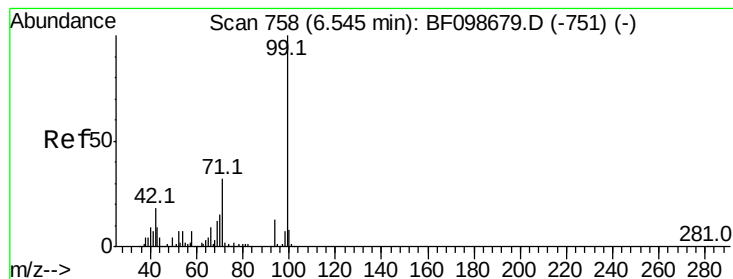
2-Fluorophenol
Concen: 18.105 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Tgt Ion:112 Resp: 138252
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 30.9 23.7 35.5



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: 17.557 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

BNA_F

ClientSampled :

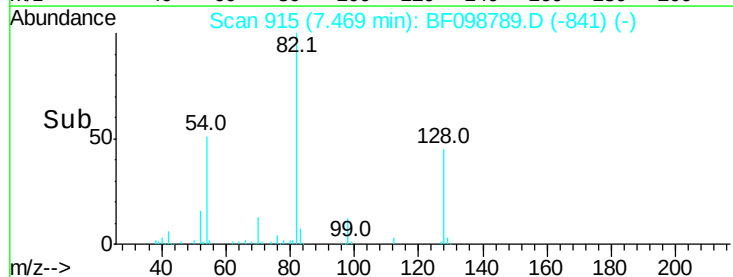
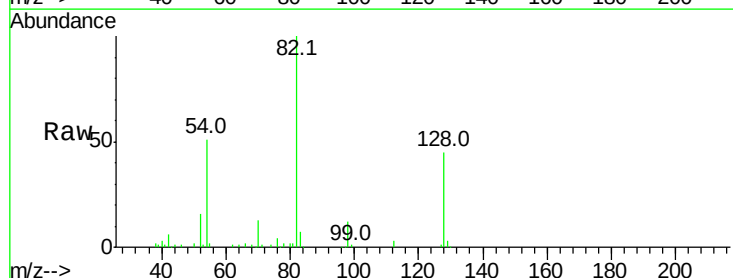
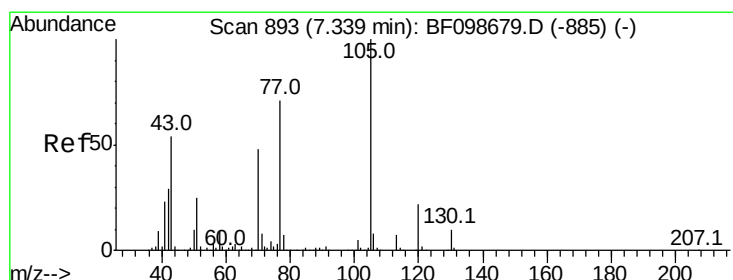
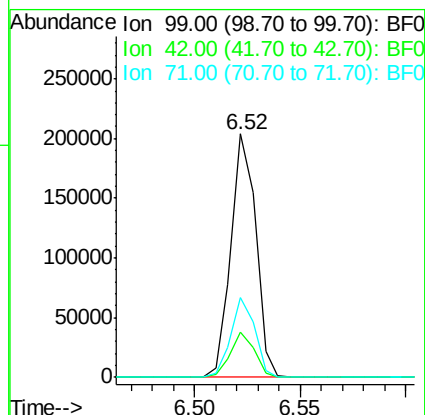
Tot Ion: 99 Resp: 165391

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.066 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.14 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Tgt Ion: 70 Resp: 12427

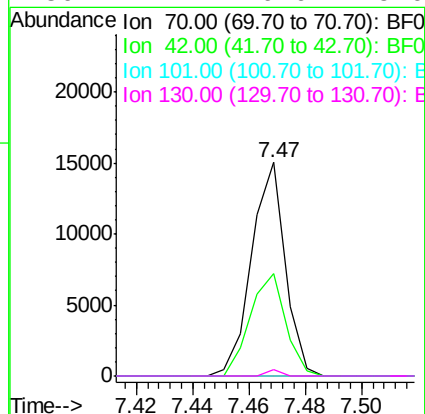
Ion Ratio Lower Upper

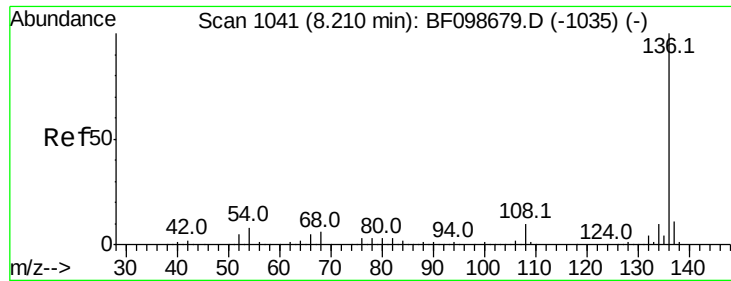
70 100

42 47.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

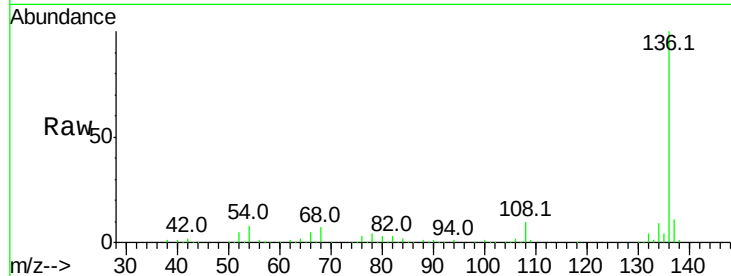




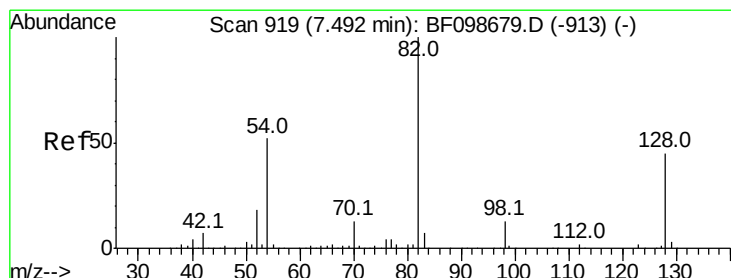
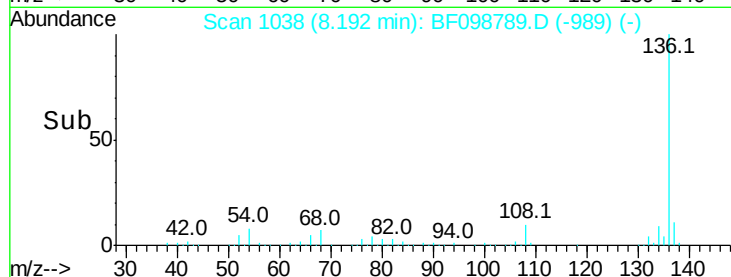
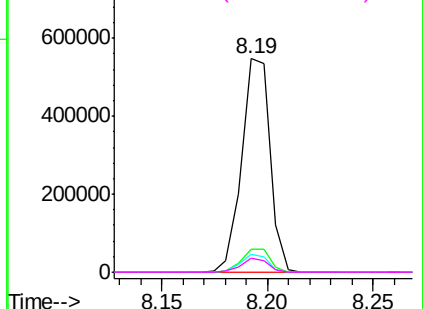
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	511348
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	8.3	6.6 9.8
68	6.9	5.0 7.4

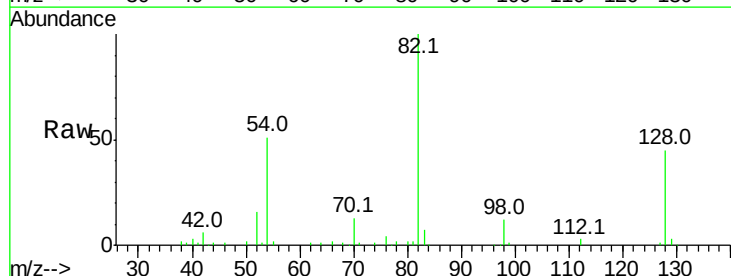


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

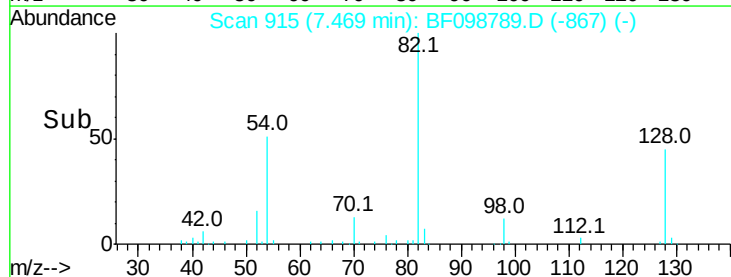
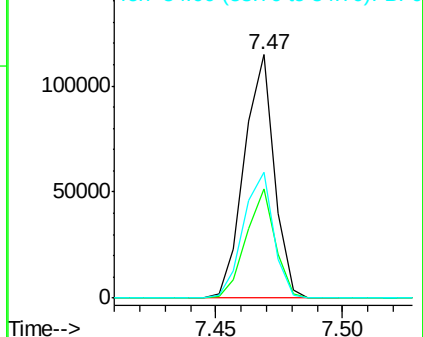


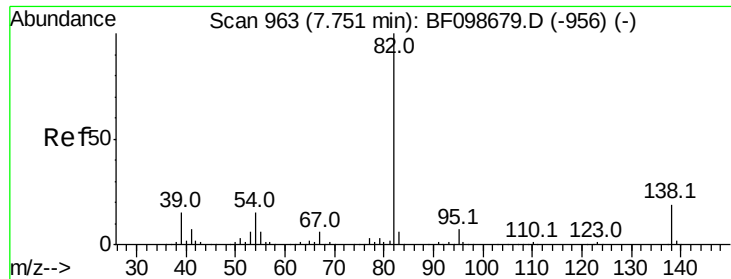
#23
Nitrobenzene-d5
Concen: 11.867 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Tgt Ion: 82	Resp:	94621
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	51.5	41.4 62.2



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





#25

Isophorone

Concen: 5.740 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

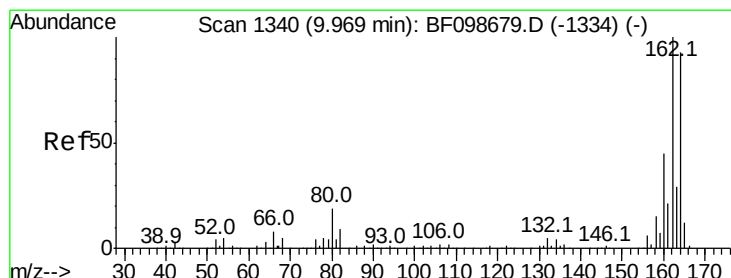
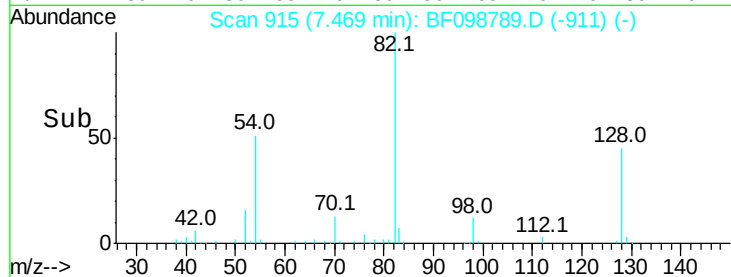
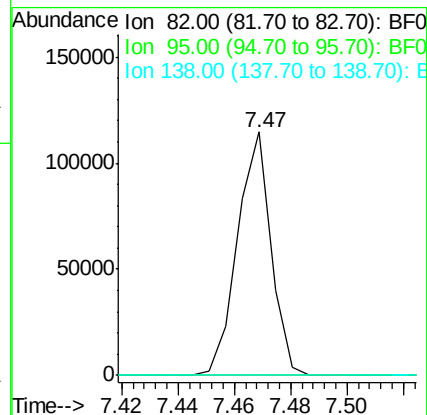
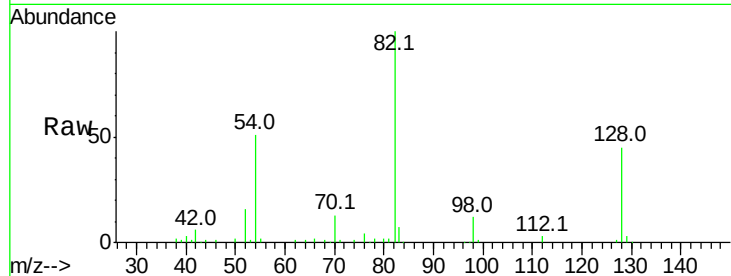
Tot Ion: 82 Resp: 94621

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

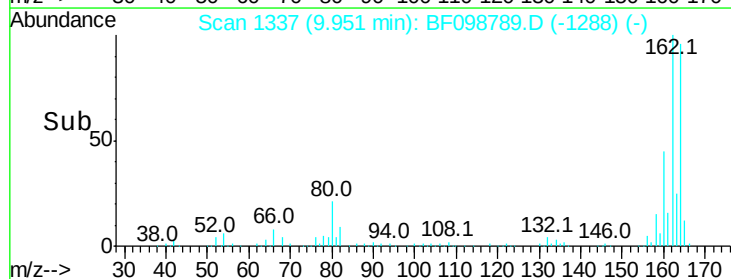
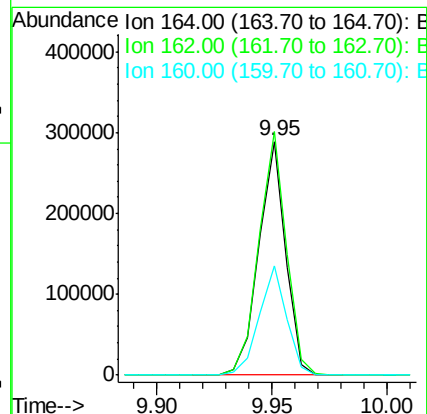
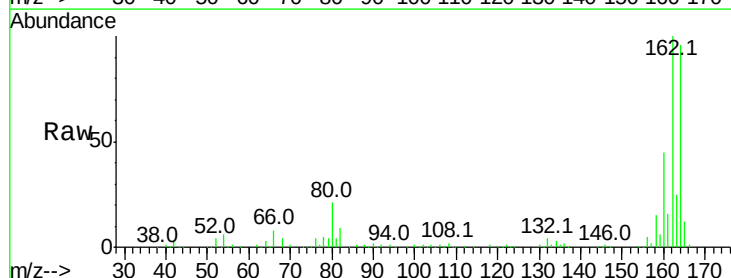
Tgt Ion: 164 Resp: 234991

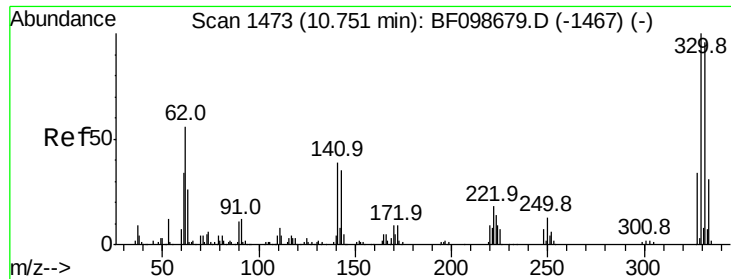
Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

160 46.8 38.3 57.5

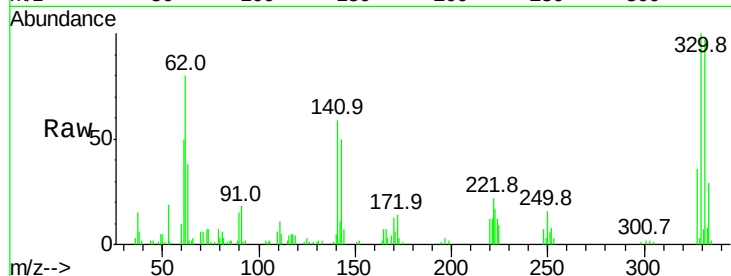




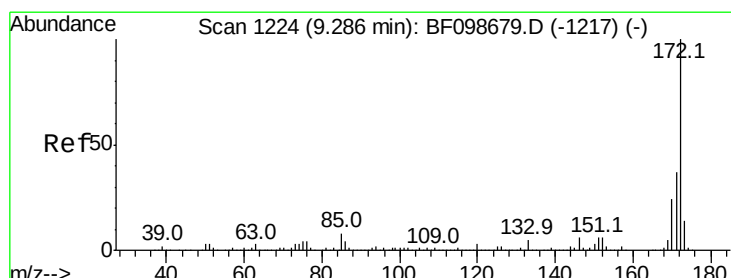
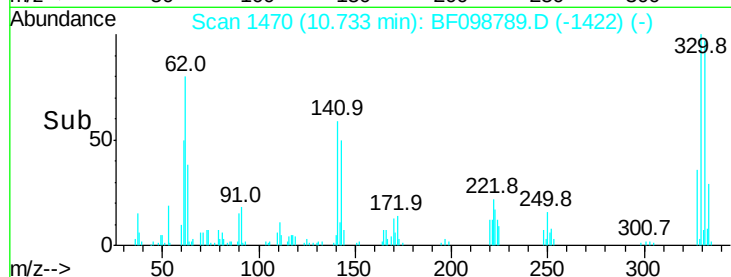
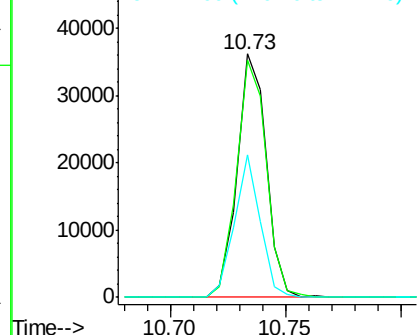
#41
 2,4,6-Tribromophenol
 Concen: 16.576 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	51.4	29.9	44.9

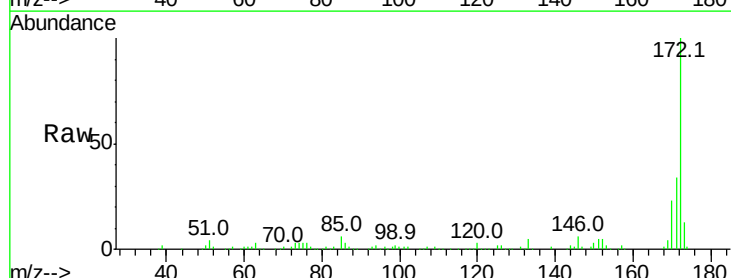


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

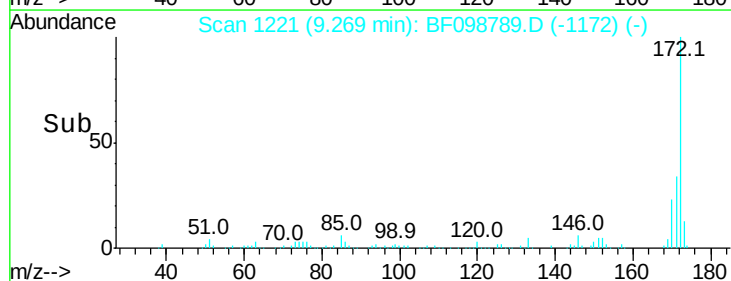
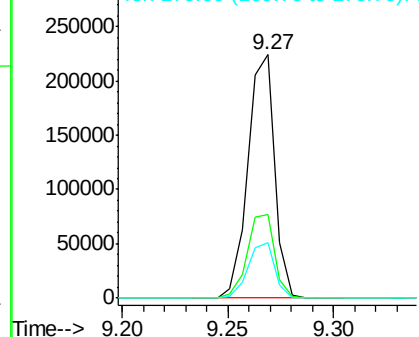


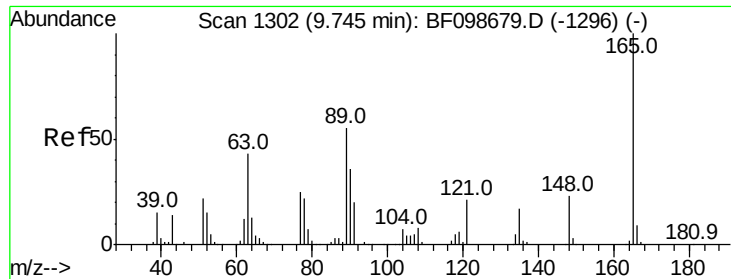
#44
 2-Fluorobiphenyl
 Concen: 13.933 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.0	19.6	29.4



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

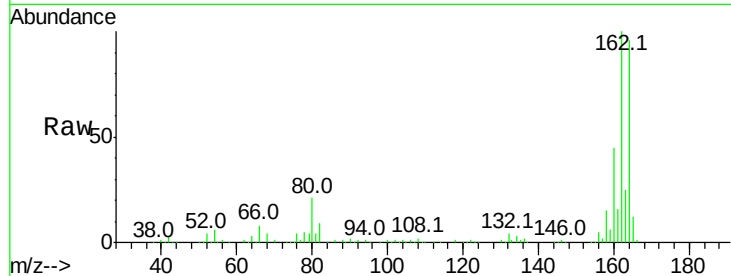




#50
 2,6-Dinitrotoluene
 Concen: 7.473 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

Instrument :
 BNA_F
 ClientSampleId :

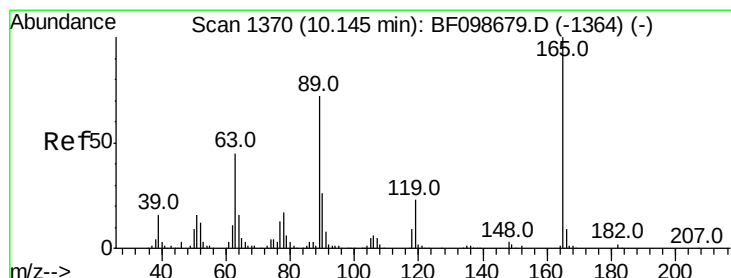
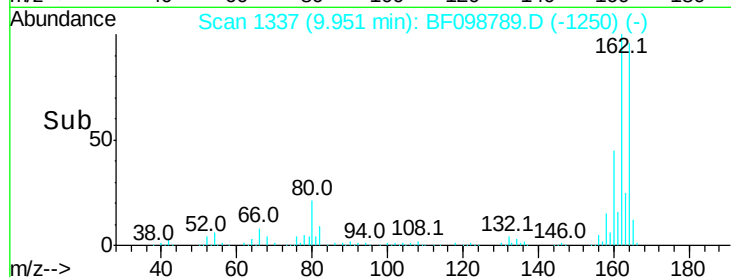
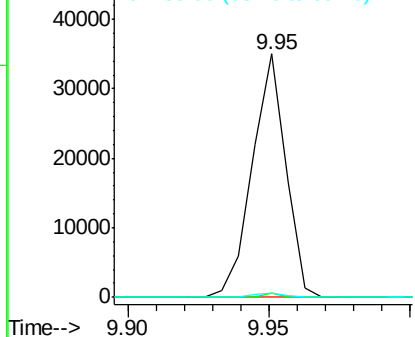
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.758 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098789.D
 Acq: 25 Sep 2017 18:13

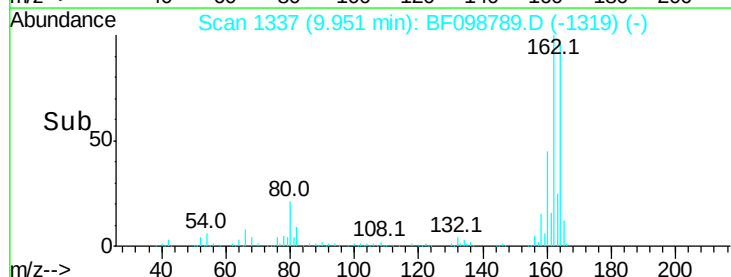
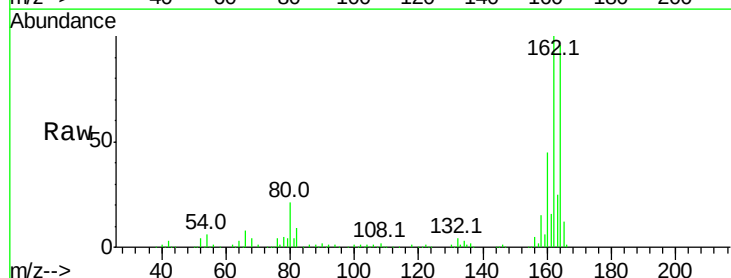
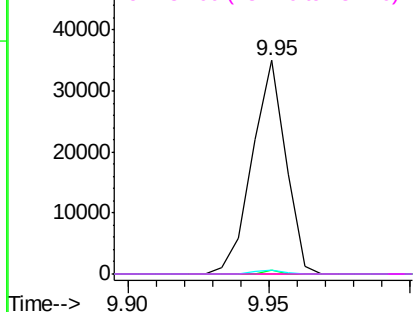
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

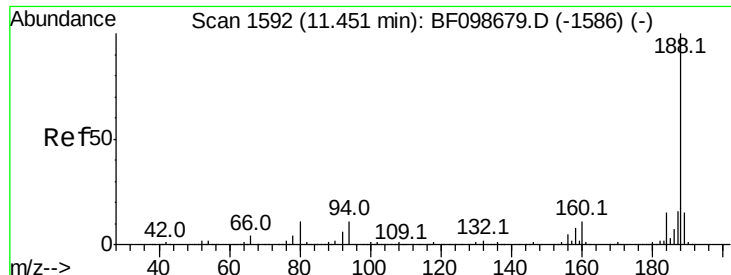
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

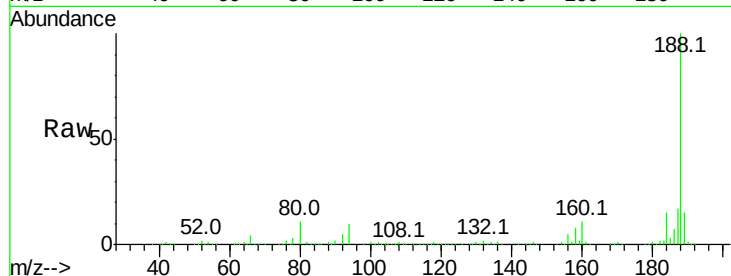




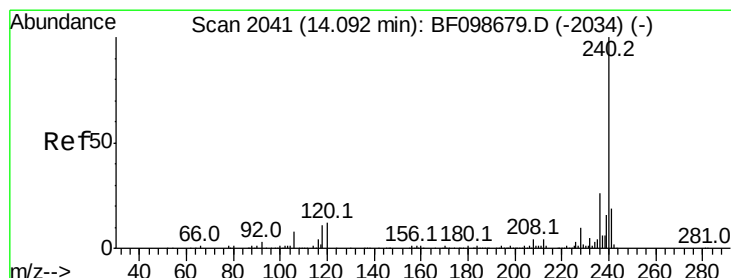
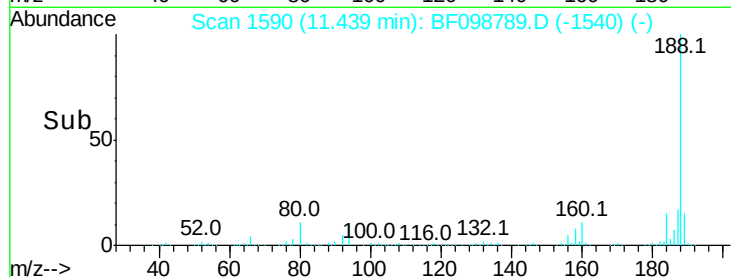
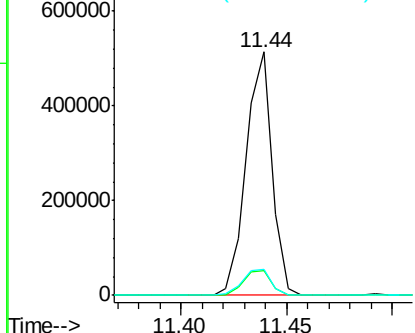
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.9	9.2	13.8

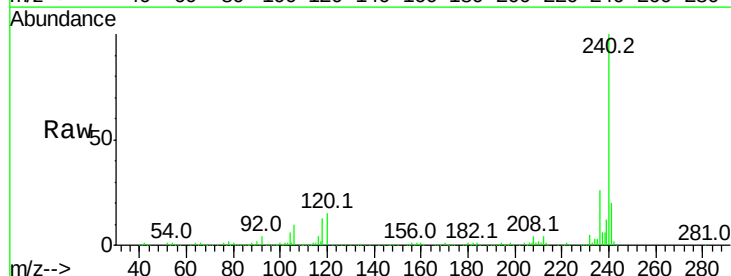


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

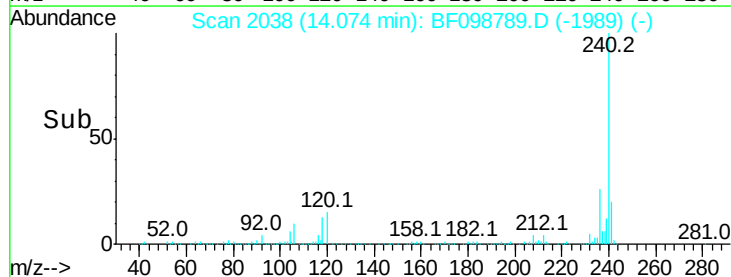
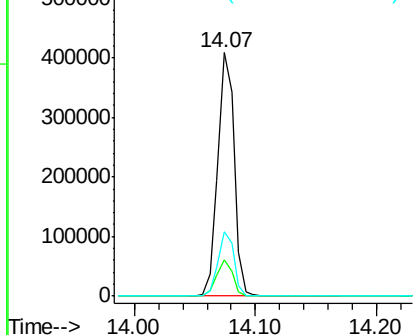


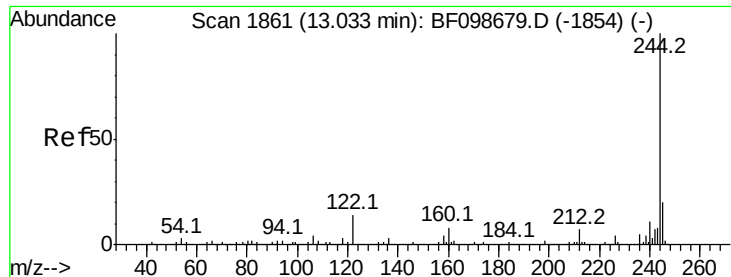
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098789.D
Acq: 25 Sep 2017 18:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.2	20.7	31.1



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: 11.990 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

Instrument :

BNA_F

ClientSampleId :

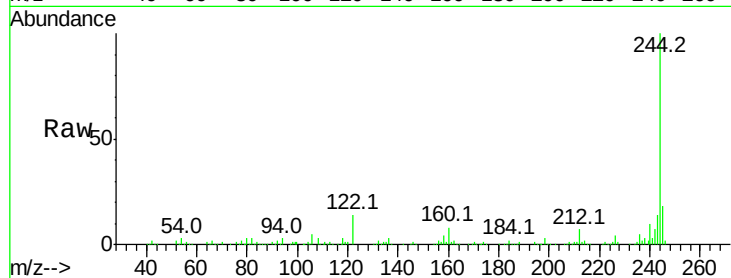
Tot Ion:244 Resp: 200067

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

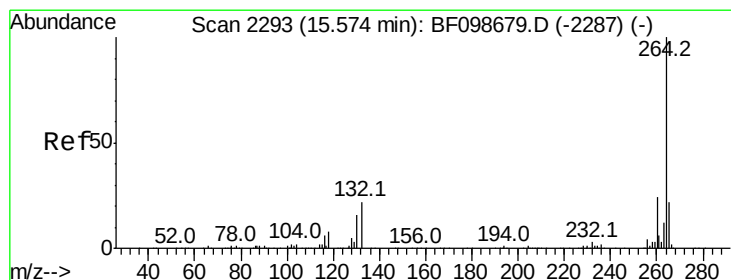
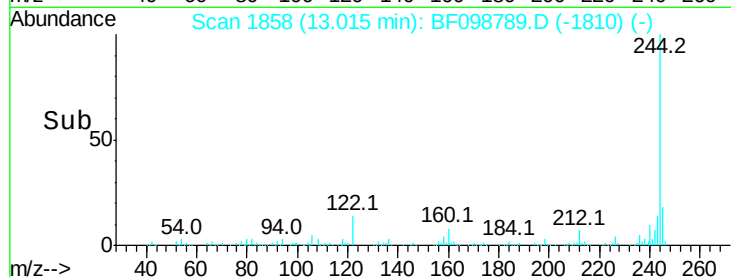
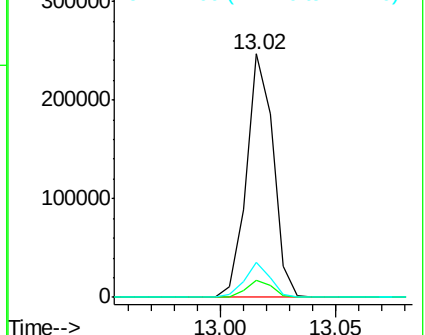
122 14.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098789.D

Acq: 25 Sep 2017 18:13

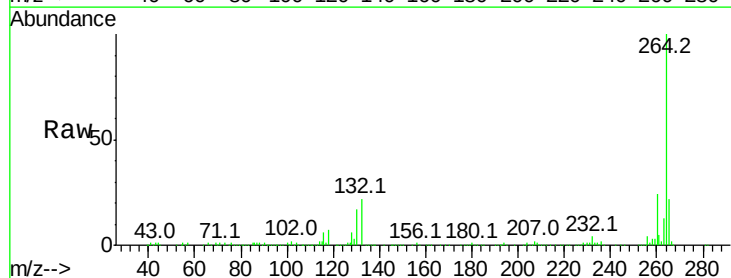
Tgt Ion:264 Resp: 325068

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

