

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099095.D
 Acq On : 5 Oct 2017 10:39
 Operator : SJ/JU
 Sample : I5275-01
 Misc : LOD 1 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:12:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 09:04:50 2017
 Response via : Initial Calibration

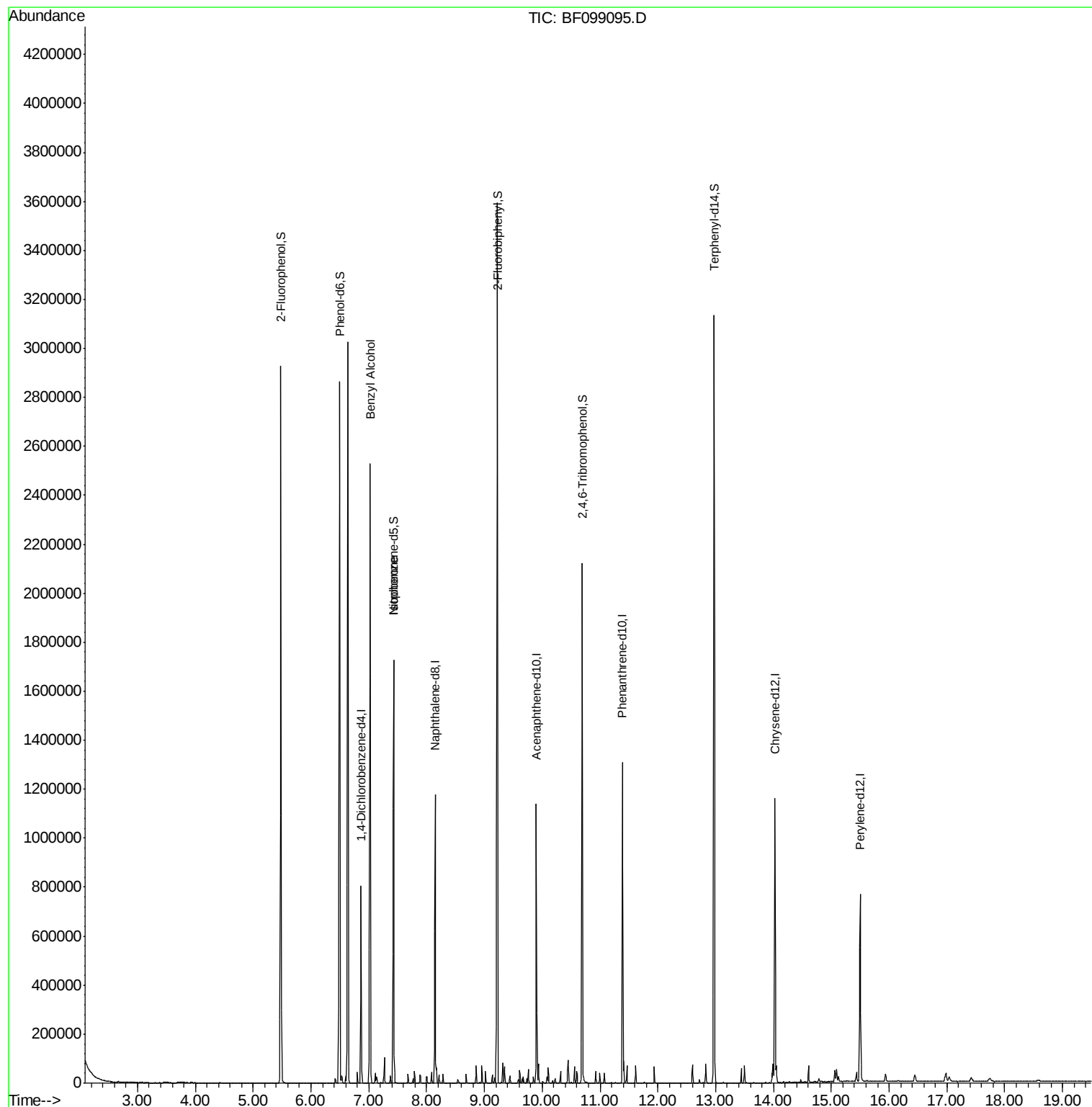
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114006	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	480960	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	229489	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	422329	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	353996	20.00	ng	-0.06
86) Perylene-d12	15.50	264	319544	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1013181	141.47	ng	-0.06
7) Phenol-d6	6.50	99	1219804	138.07	ng	-0.05
23) Nitrobenzene-d5	7.43	82	622138	82.95	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	274796	146.34	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1157479	84.20	ng	-0.06
78) Terphenyl-d14	12.97	244	1046739	67.25	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.02	79	15455	2.385	ng	# 46
25) Isophorone	7.43	82	620395	40.011	ng	# 64

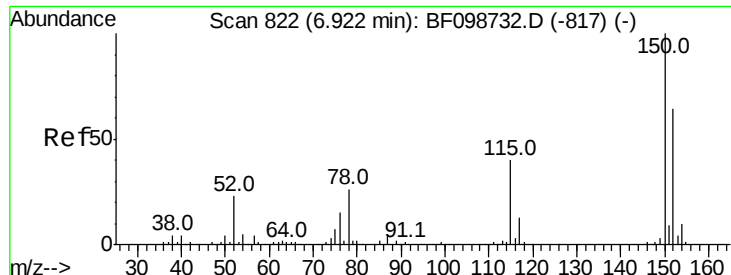
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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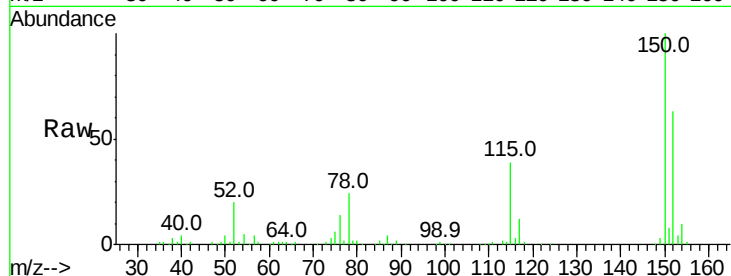


#1

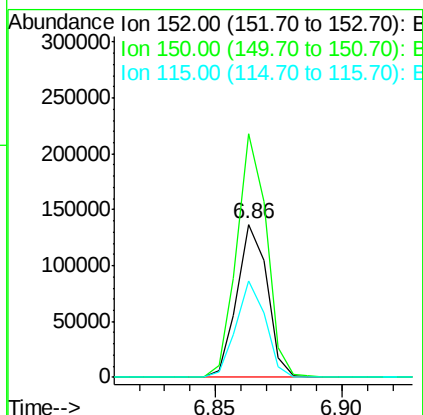
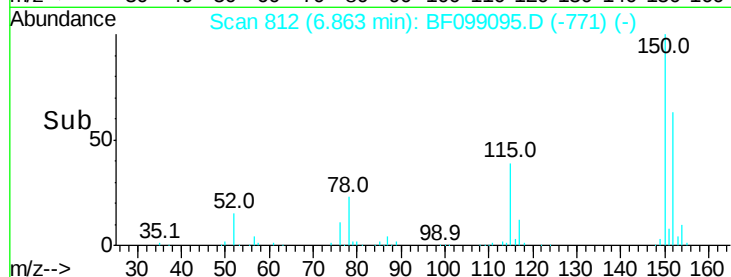
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099095.D
Acq: 5 Oct 2017 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114006
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 62.8 50.1 75.1



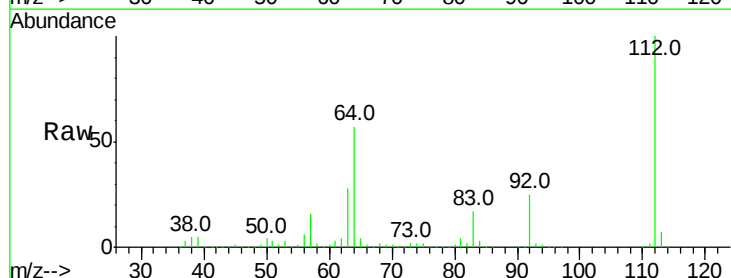
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



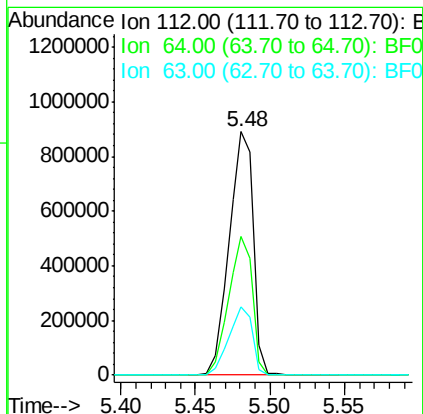
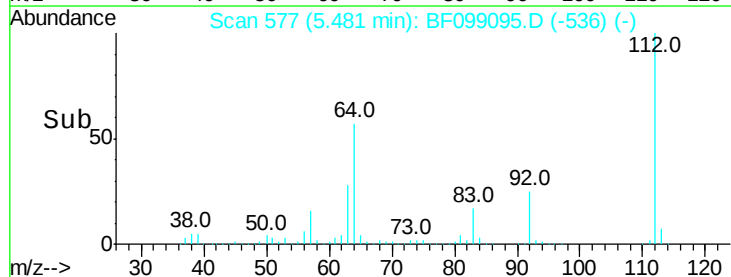
#5

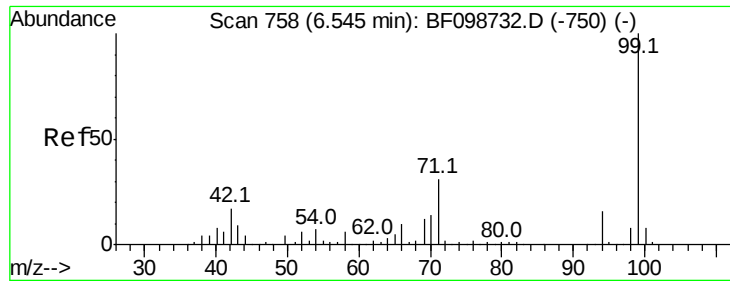
2-Fluorophenol
Concen: 141.474 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099095.D
Acq: 5 Oct 2017 10:39

Tgt Ion:112 Resp: 1013181
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 27.9 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: 138.070 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

Instrument :

BNA_F

ClientSampled :

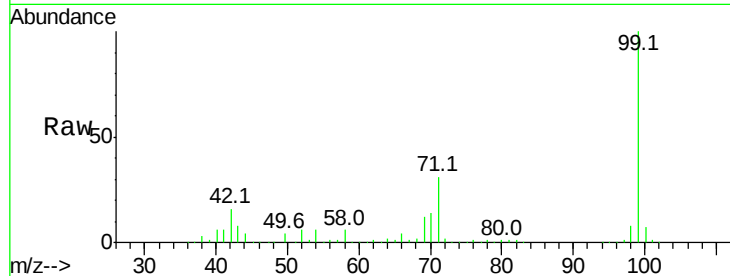
Tot Ion: 99 Resp: 1219804

Ion Ratio Lower Upper

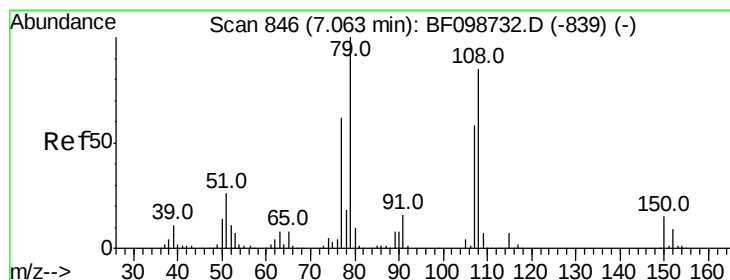
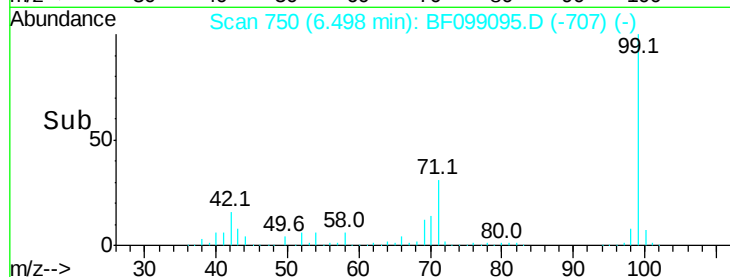
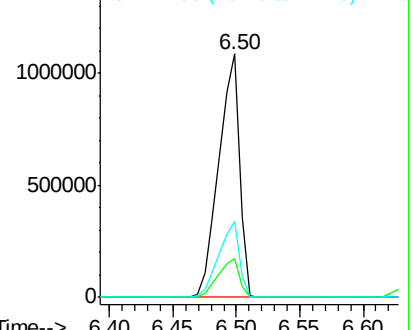
99 100

42 15.8 14.5 21.7

71 31.4 25.4 38.0



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: 2.385 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.04 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

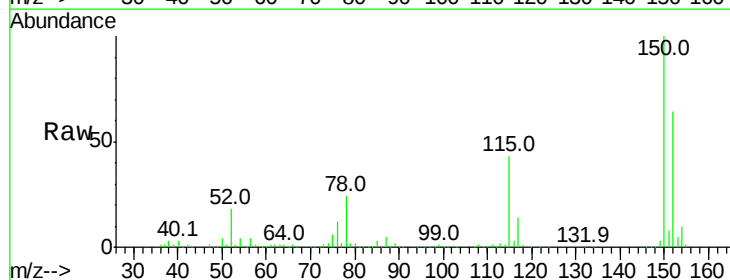
Tgt Ion: 79 Resp: 15455

Ion Ratio Lower Upper

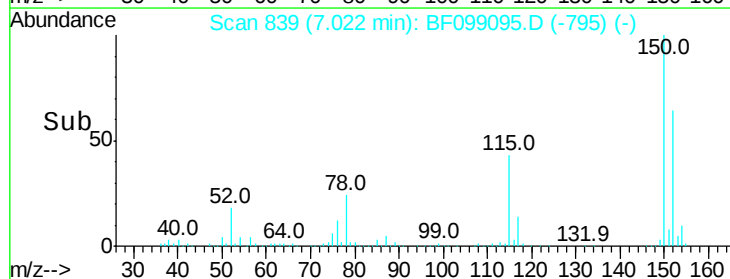
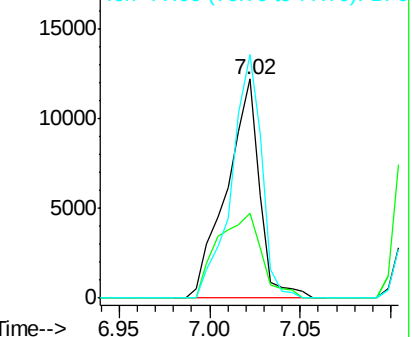
79 100

108 38.6 65.1 97.7#

77 111.3 50.6 75.8#



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

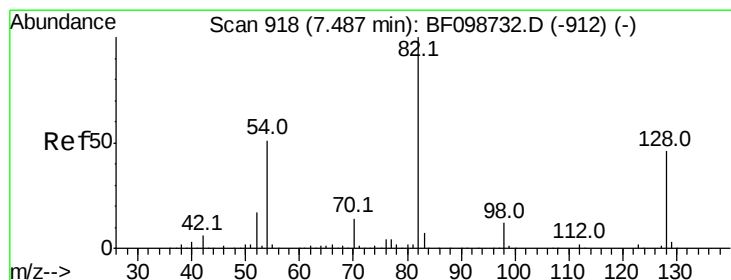
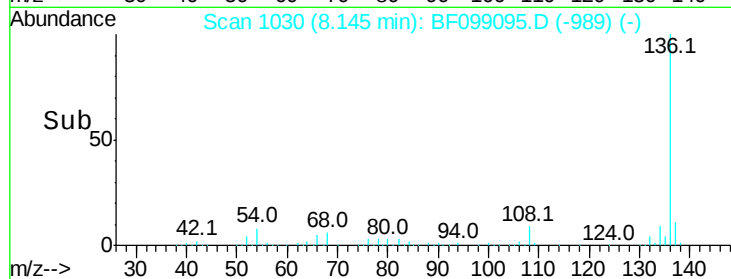
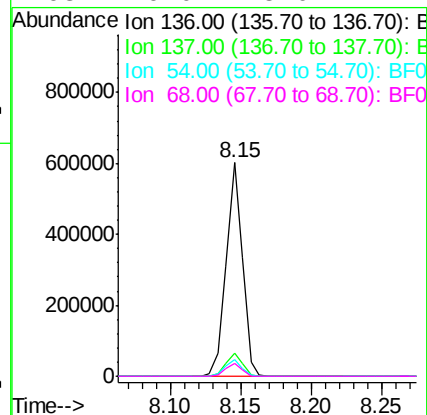
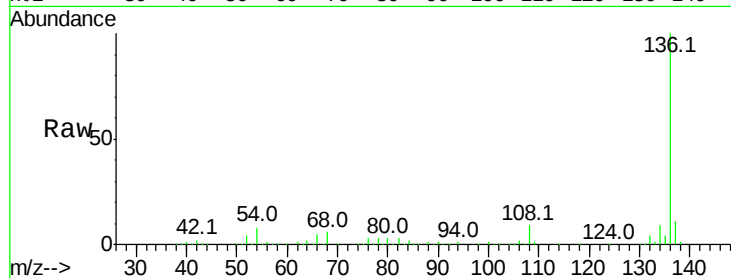




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099095.D
Acq: 5 Oct 2017 10:39

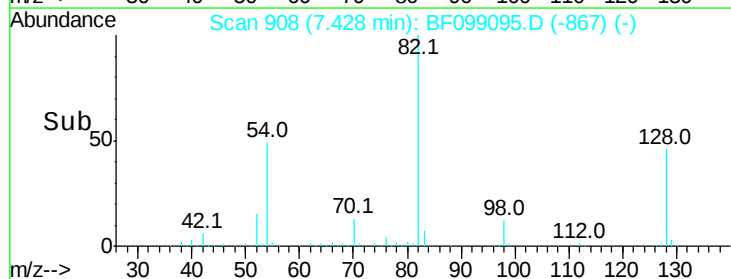
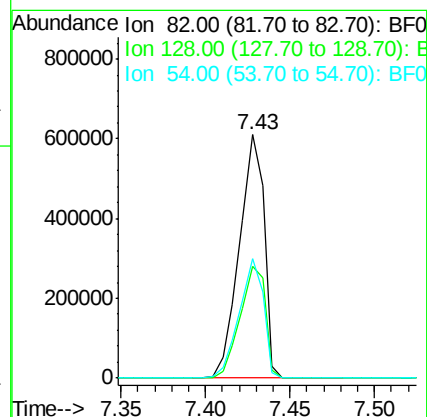
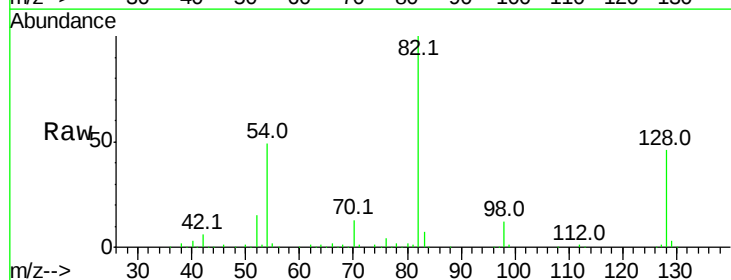
Instrument :
BNA_F
ClientSampleId :

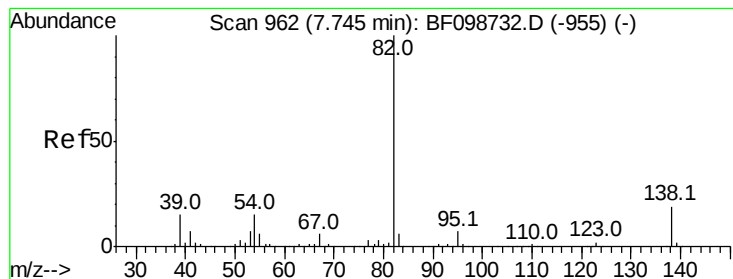
Tot Ion:	136	Resp:	480960
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.6	9.8
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 82.955 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099095.D
Acq: 5 Oct 2017 10:39

Tgt Ion:	82	Resp:	622138
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.8	41.4	62.2





#25

Isophorone

Concen: 40.011 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

Instrument :

BNA_F

ClientSampleId :

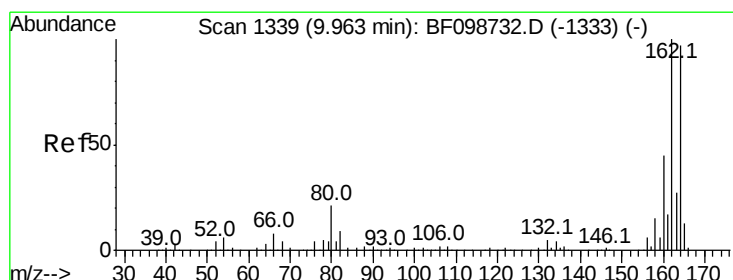
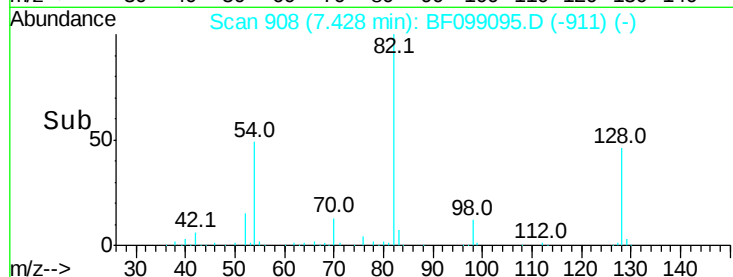
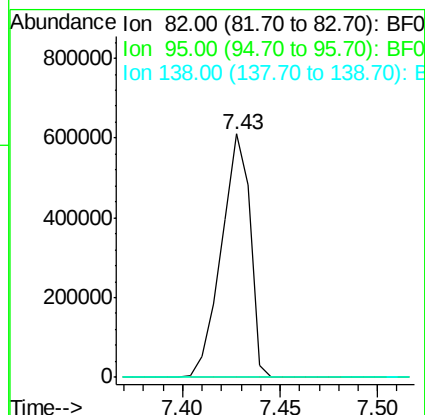
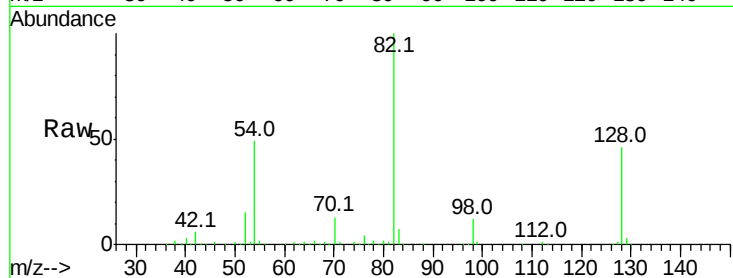
Tot Ion: 82 Resp: 620395

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: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

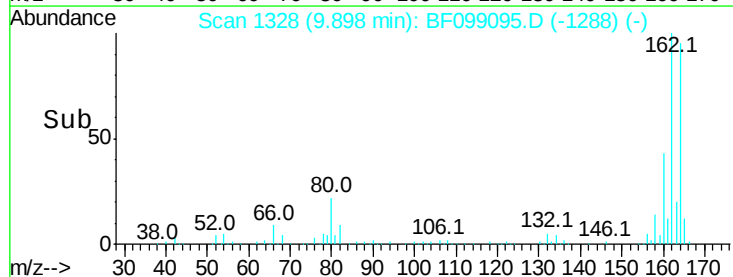
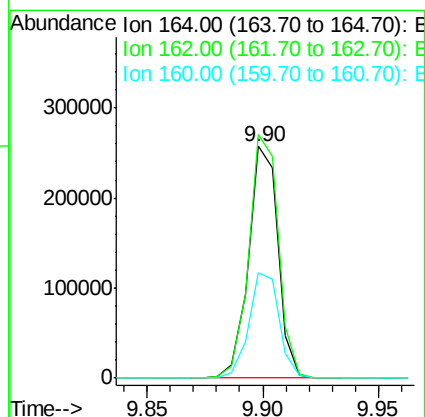
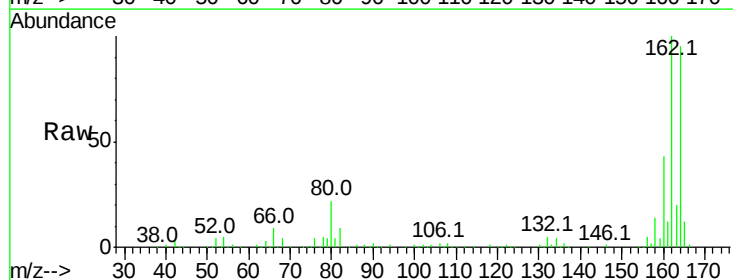
Tgt Ion:164 Resp: 229489

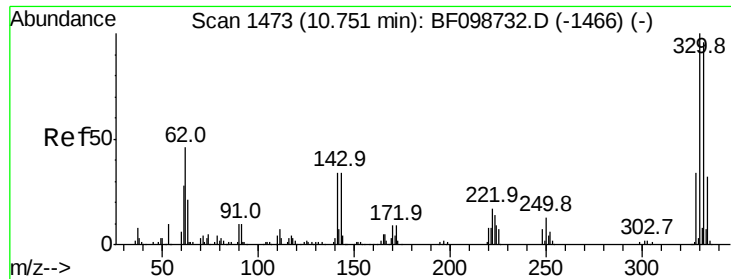
Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

160 45.7 38.3 57.5

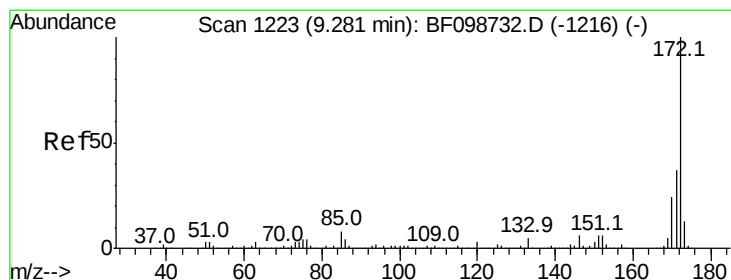
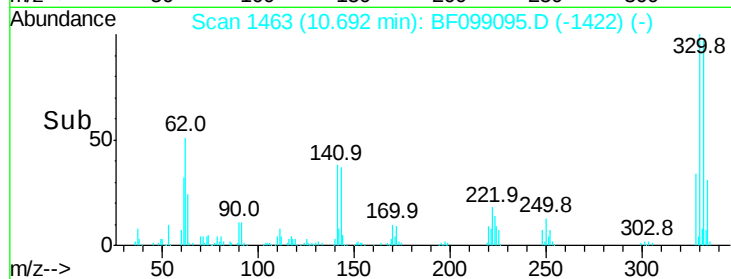
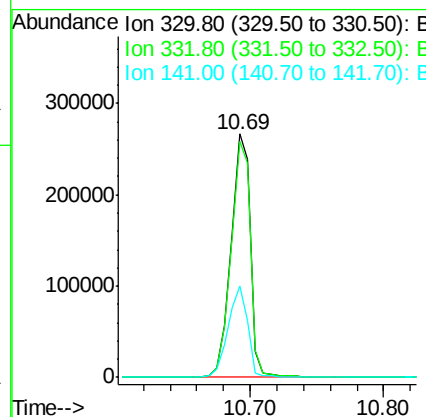
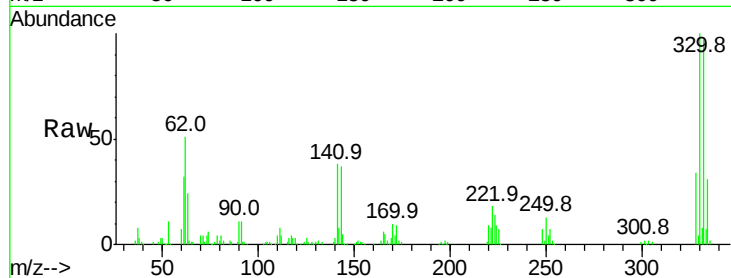




#41
 2,4,6-Tribromophenol
 Concen: 146.336 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099095.D
 Acq: 5 Oct 2017 10:39

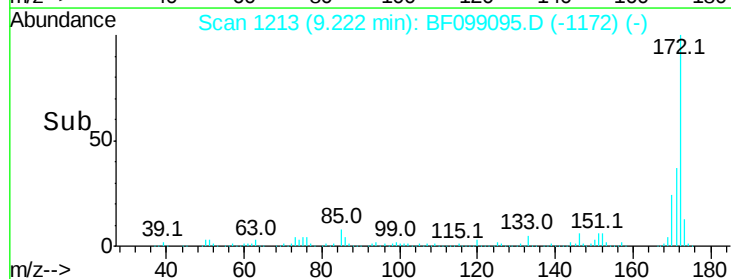
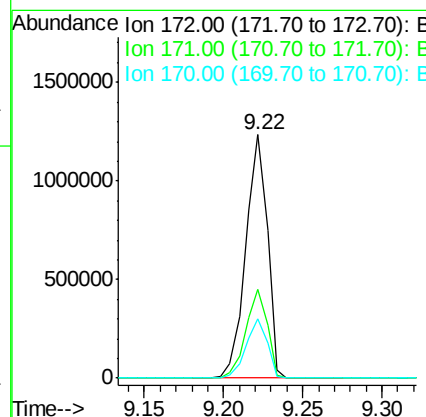
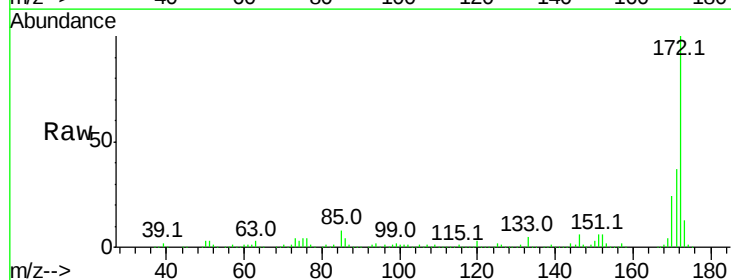
Instrument :
 BNA_F
 ClientSampleId :

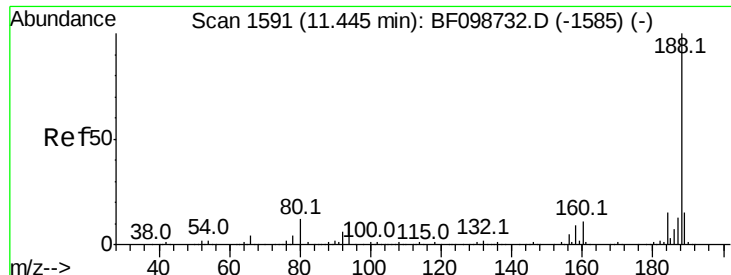
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	38.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.201 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099095.D
 Acq: 5 Oct 2017 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

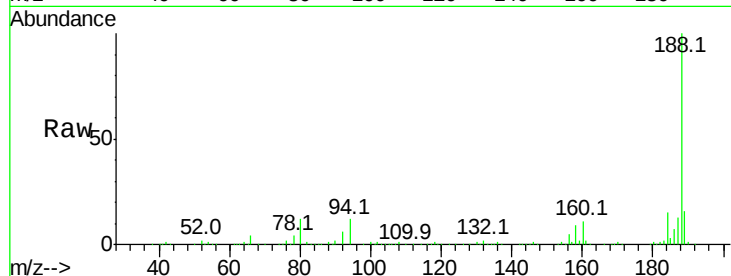




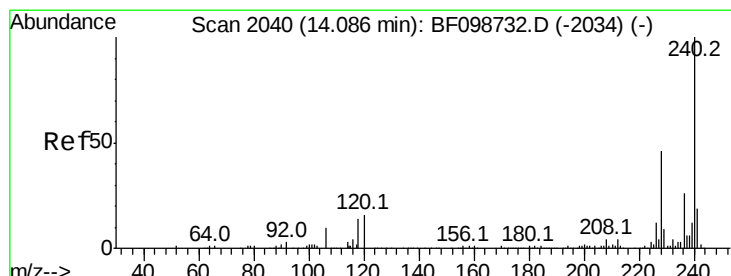
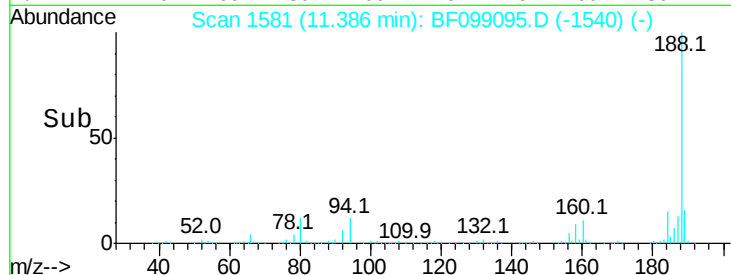
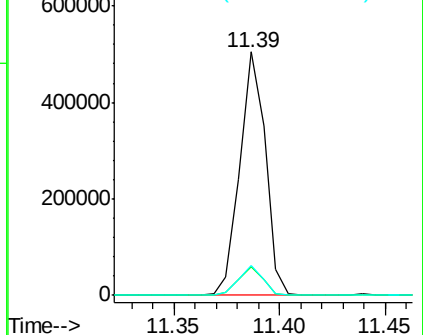
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.06 min
 Lab File: BF099095.D
 Acq: 5 Oct 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 422329
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 12.2 9.2 13.8

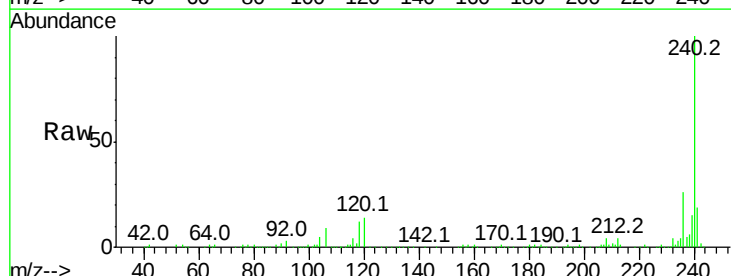


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

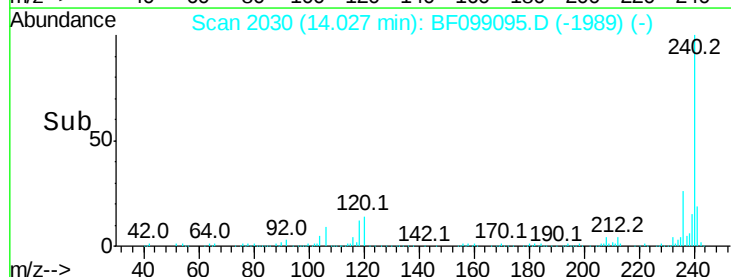
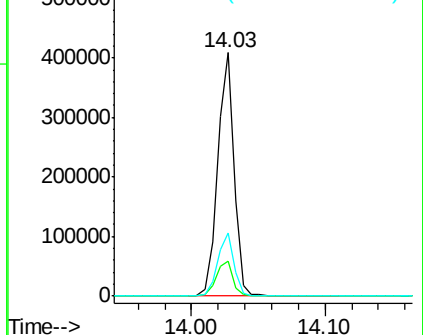


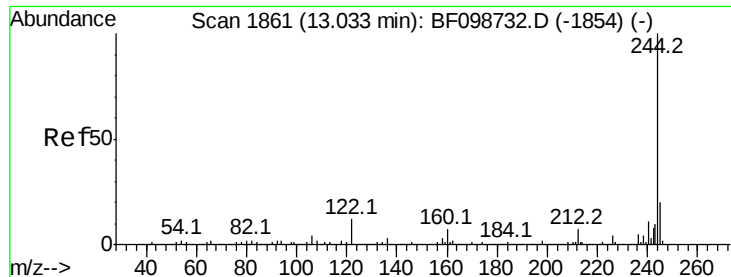
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BF099095.D
 Acq: 5 Oct 2017 10:39

Tgt Ion:240 Resp: 353996
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 26.1 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: 67.246 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

Instrument :

BNA_F

ClientSampleId :

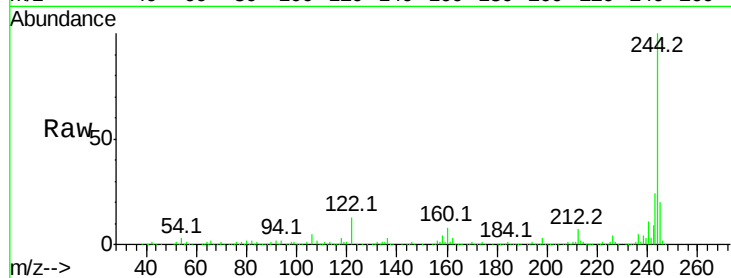
Tot Ion:244 Resp: 1046739

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

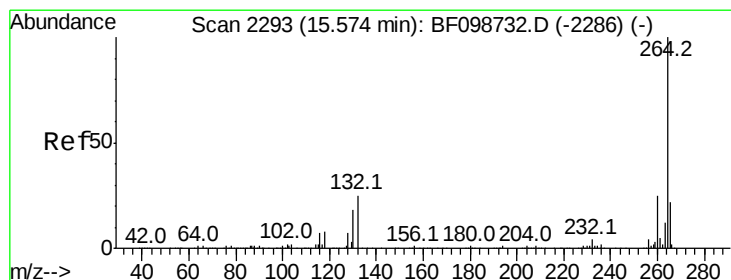
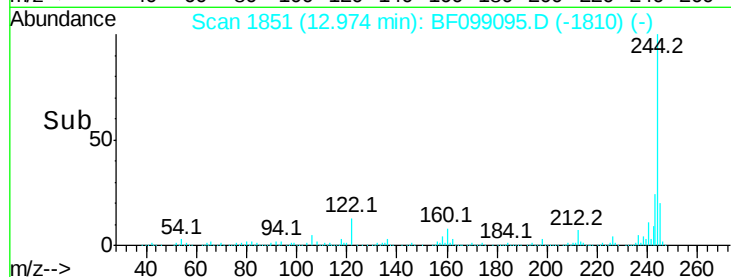
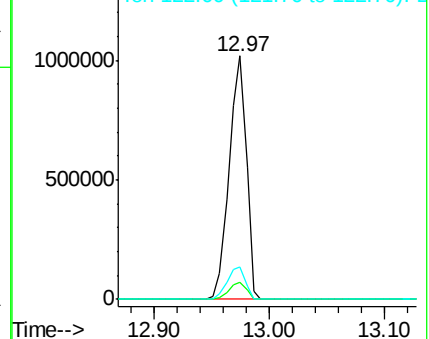
122 13.5 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.08 min

Lab File: BF099095.D

Acq: 5 Oct 2017 10:39

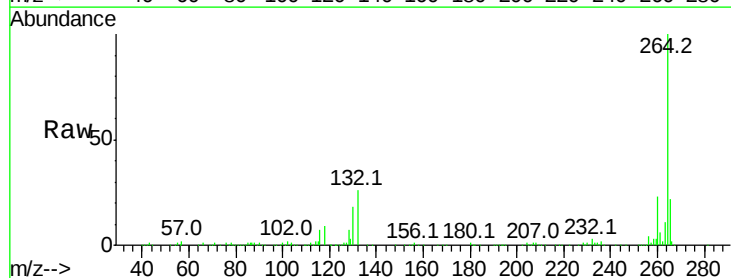
Tgt Ion:264 Resp: 319544

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 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

