

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098858.D
 Acq On : 27 Sep 2017 12:53
 Operator : SJ/JU
 Sample : I5396-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-A

Quant Time: Sep 28 02:35:54 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

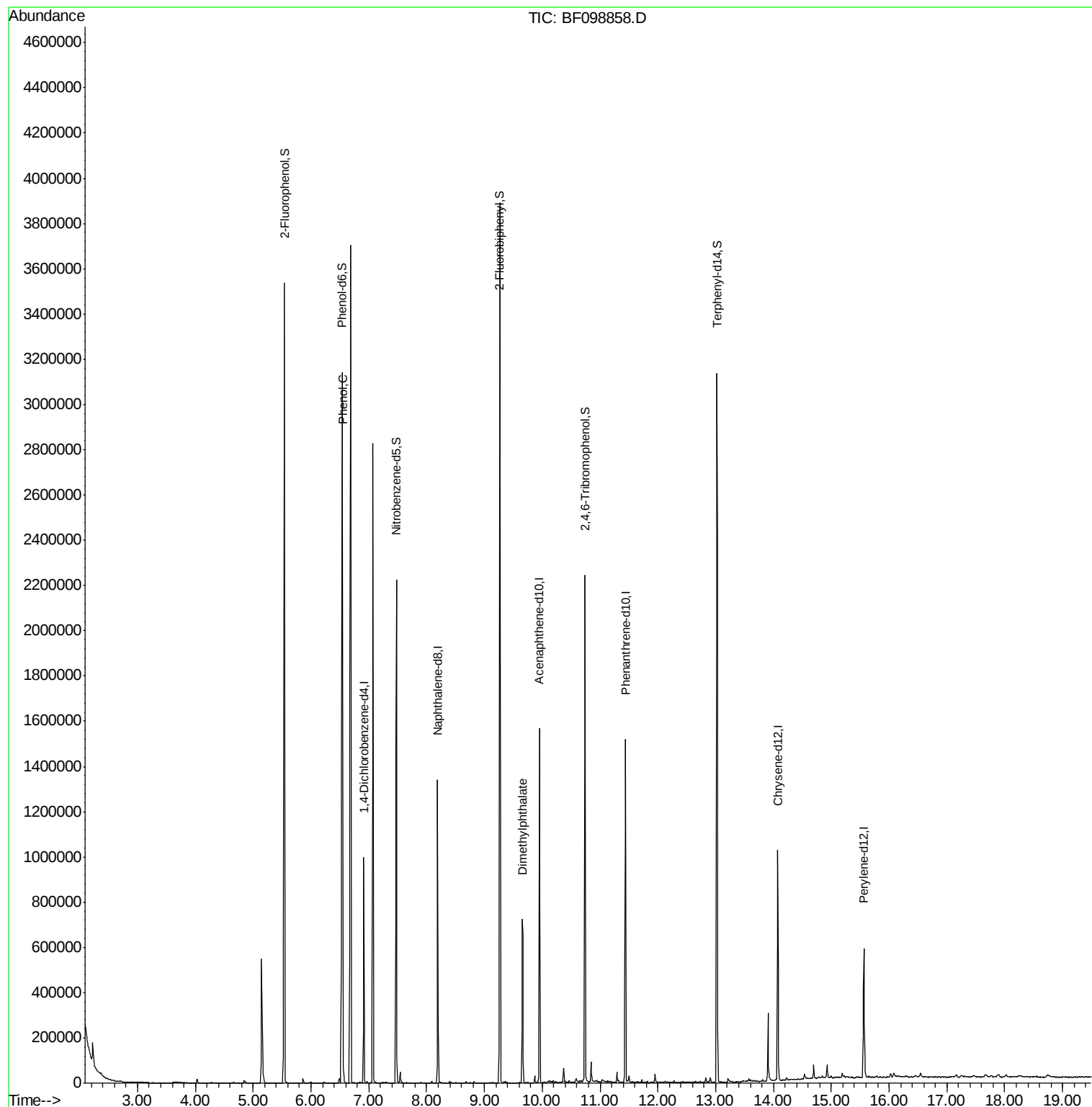
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	144568	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	597964	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	280125	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	484387	20.00	ng	0.00
75) Chrysene-d12	14.07	240	288177	20.00	ng	-0.01
86) Perylene-d12	15.56	264	252003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1100383	121.17	ng	0.00
7) Phenol-d6	6.54	99	1366487	121.97	ng	0.00
23) Nitrobenzene-d5	7.47	82	782441	83.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	275483	120.18	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1219520	72.68	ng	-0.01
78) Terphenyl-d14	13.02	244	1005957	79.39	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	38671	3.086	ng	99
49) Dimethylphthalate	9.66	163	291755	13.800	ng	98

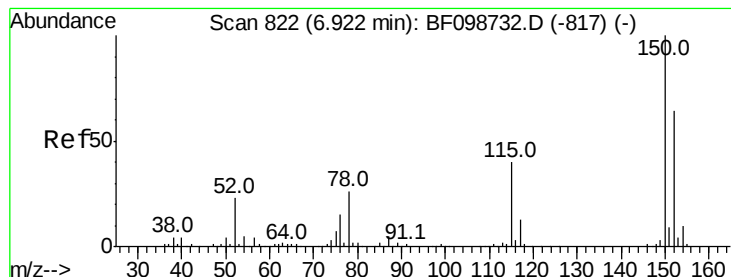
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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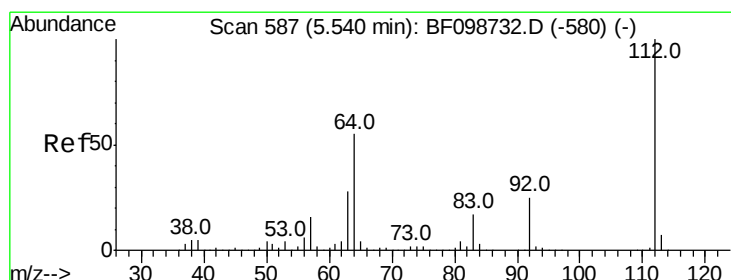
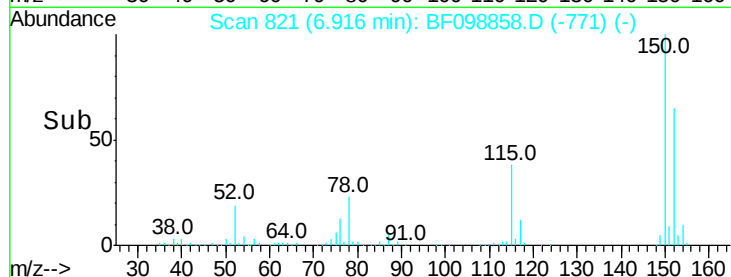
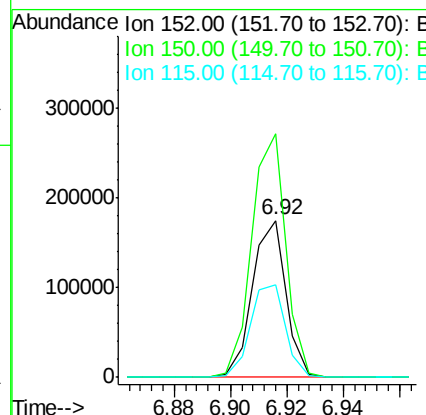
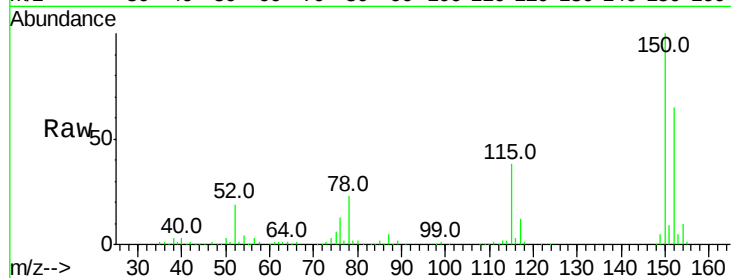


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098858.D
 Acq: 27 Sep 2017 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-A

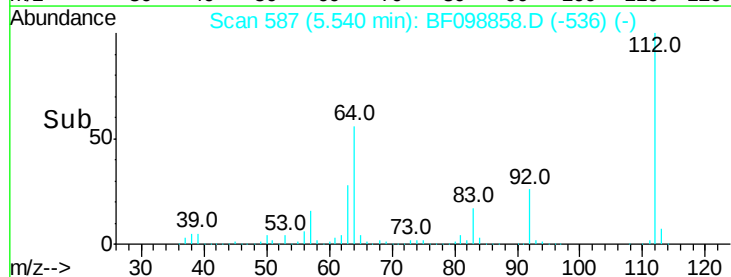
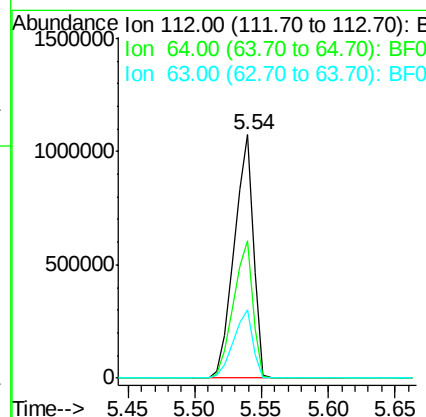
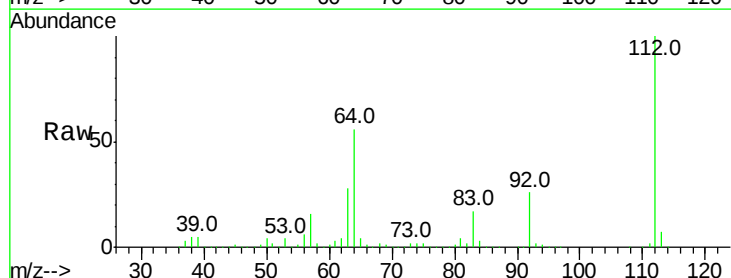
Tot Ion:152 Resp: 144568
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 59.1 50.1 75.1

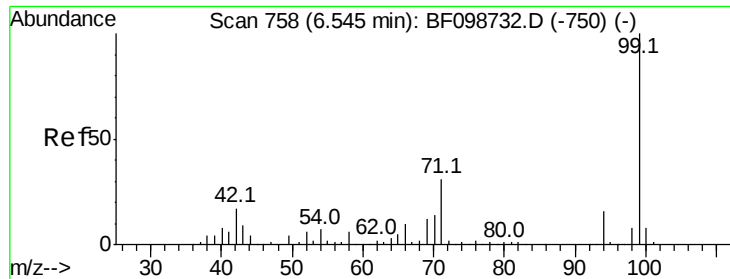


#5

2-Fluorophenol
 Concen: 121.168 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF098858.D
 Acq: 27 Sep 2017 12:53

Tgt Ion:112 Resp: 1100383
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 121.975 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098858.D

Acq: 27 Sep 2017 12:53

Instrument :

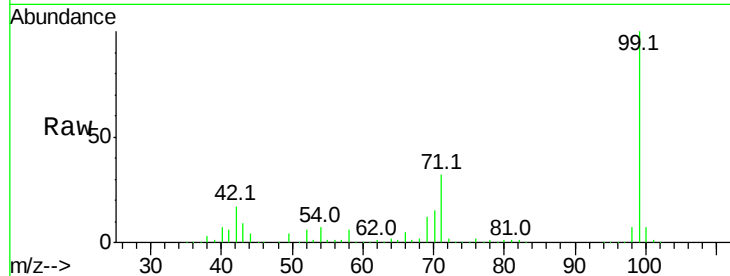
BNA_F

ClientSampleId :

PAMT-COMP-A

Tot Ion: 99 Resp: 1366487

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	32.0	25.4	38.0

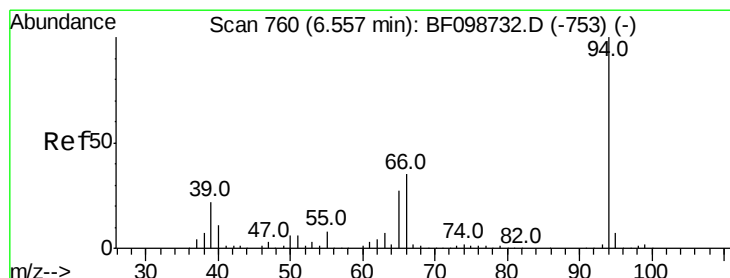
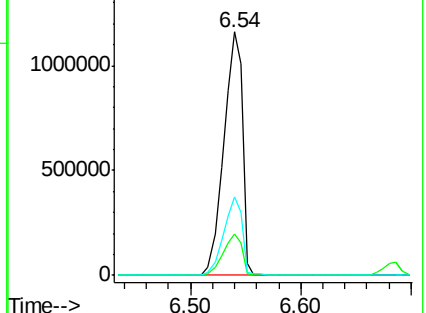
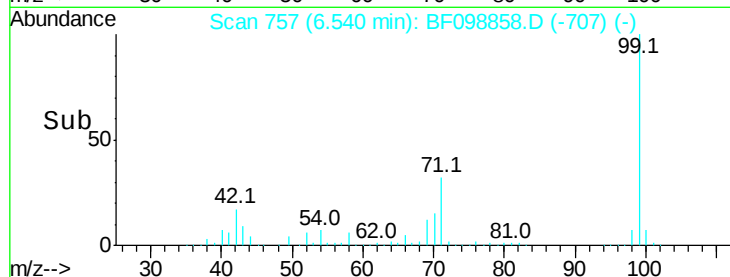


Abundance

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



#10

Phenol

Concen: 3.086 ng

RT: 6.55 min Scan# 759

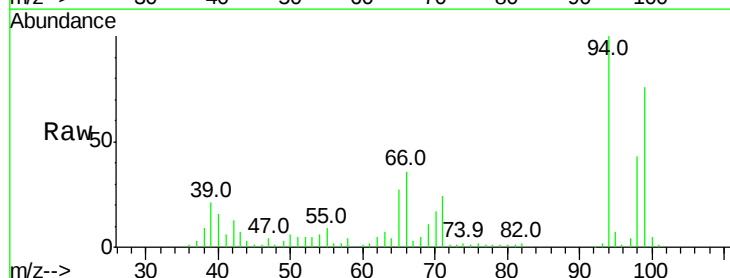
Delta R.T. -0.01 min

Lab File: BF098858.D

Acq: 27 Sep 2017 12:53

Tgt Ion: 94 Resp: 38671

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	36.4	16.2	56.2

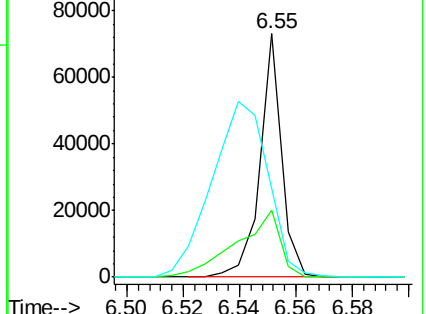
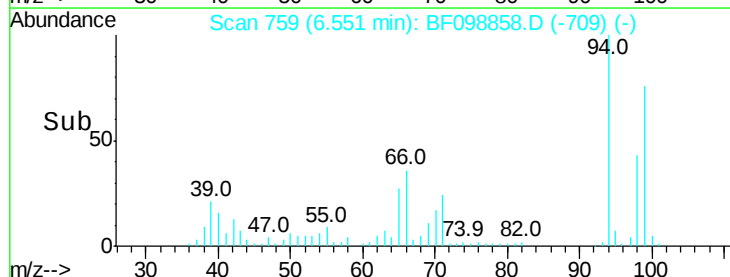


Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

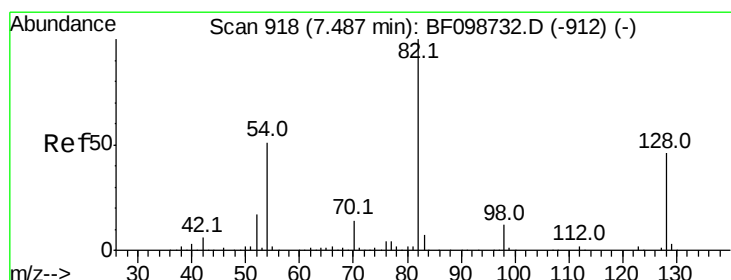
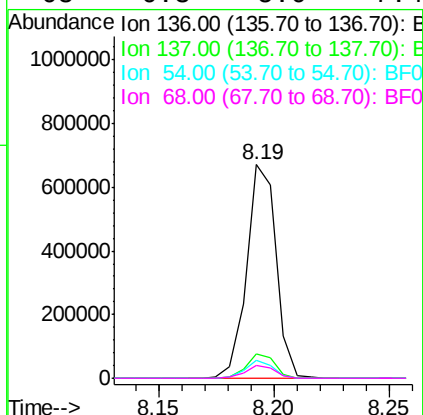
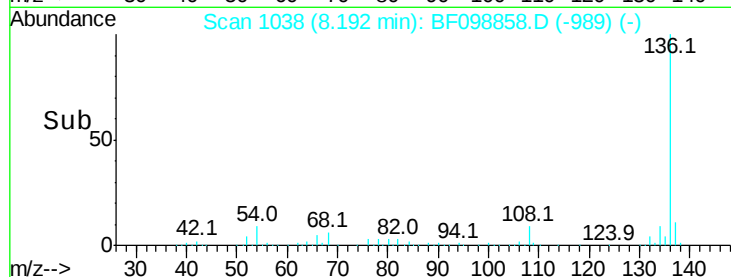
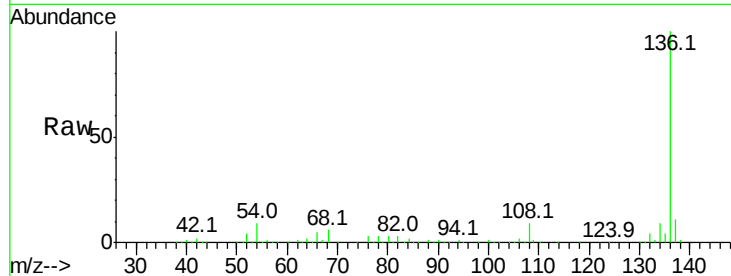




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

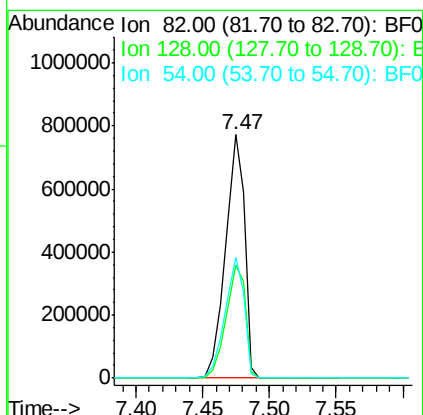
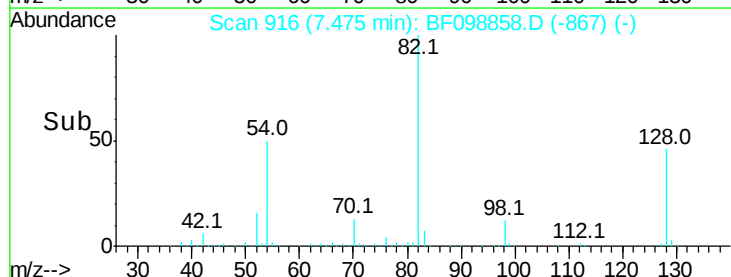
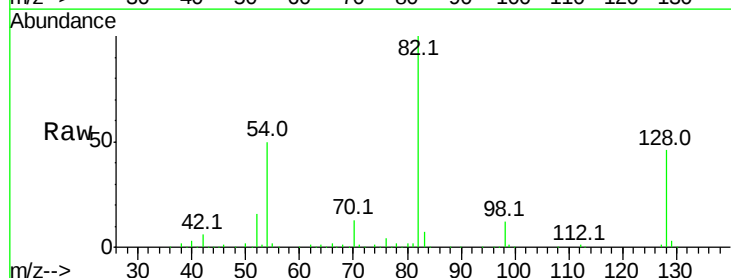
Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-A

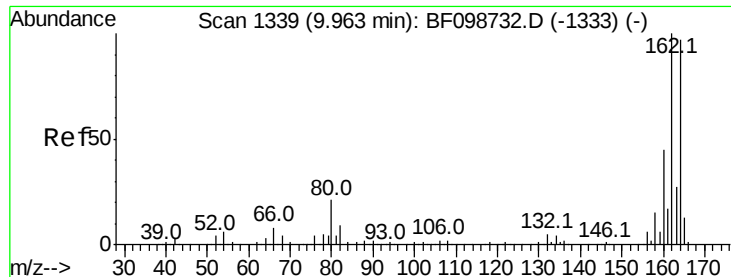
Tot Ion:	136	Resp:	597964
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.915 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

Tgt Ion:	82	Resp:	782441
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	49.5	41.4	62.2

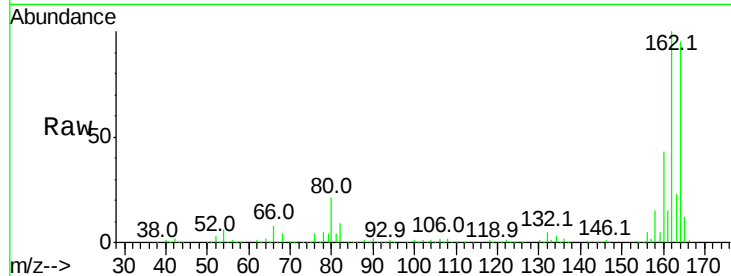




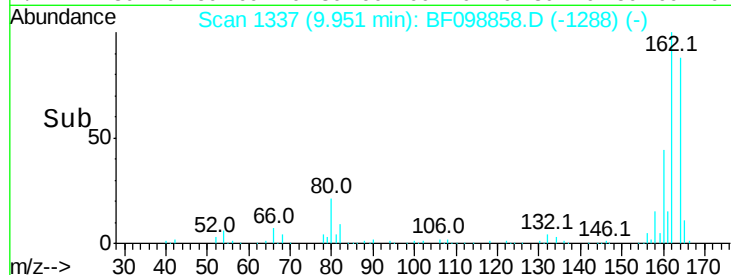
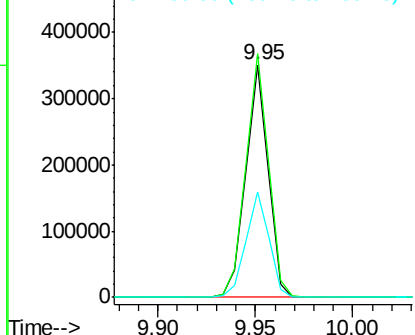
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.4	38.3	57.5

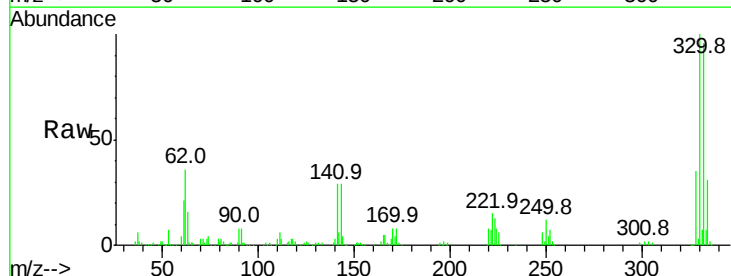


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

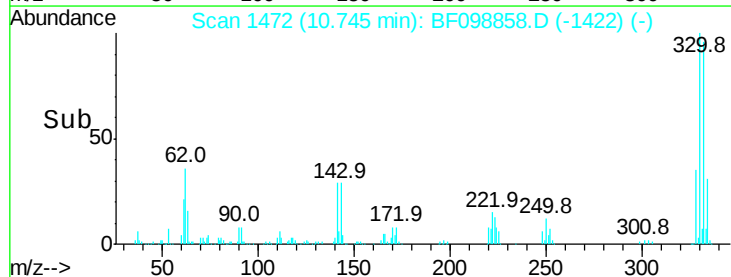
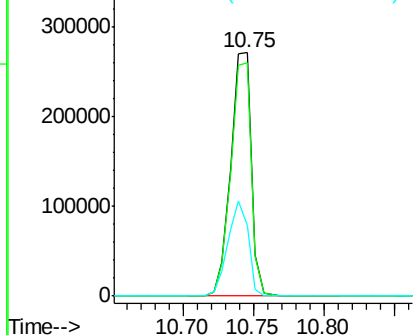


#41
2,4,6-Tribromophenol
Concen: 120.184 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.8	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

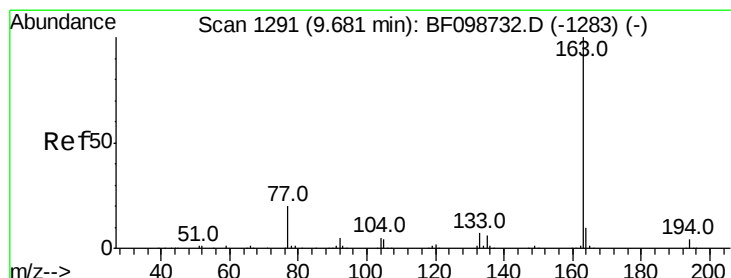
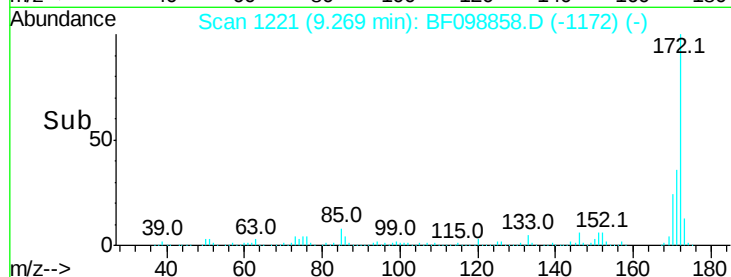
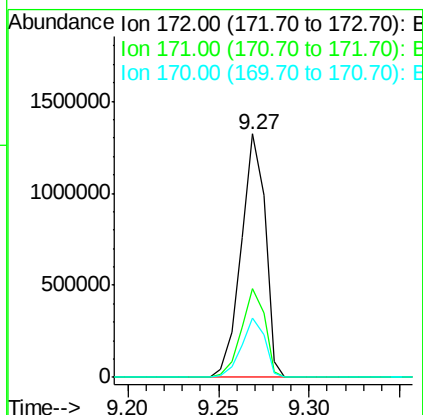
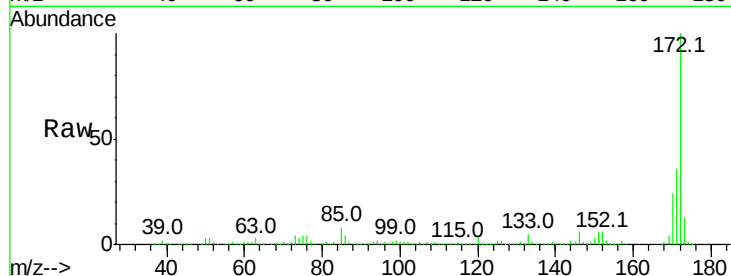




#44
2-Fluorobiphenyl
Concen: 72.678 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

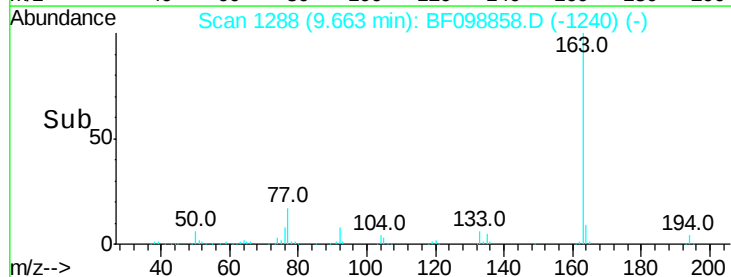
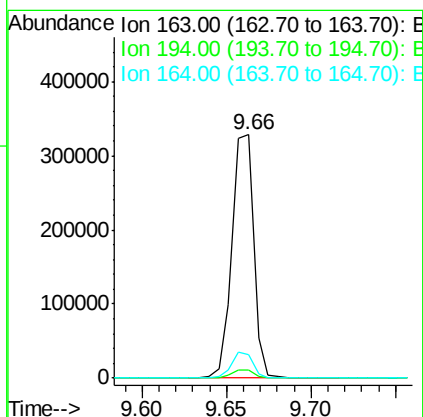
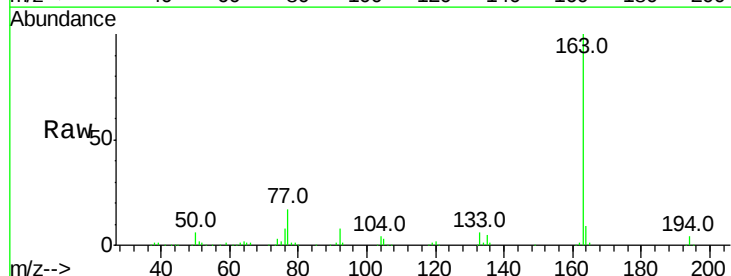
Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-A

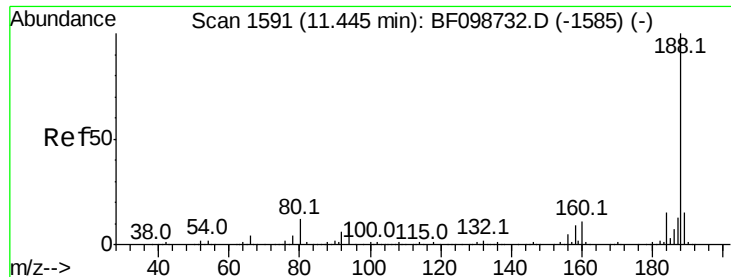
Tot Ion:172 Resp: 1219520
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 13.800 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098858.D
Acq: 27 Sep 2017 12:53

Tgt Ion:163 Resp: 291755
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098858.D

Acq: 27 Sep 2017 12:53

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-A

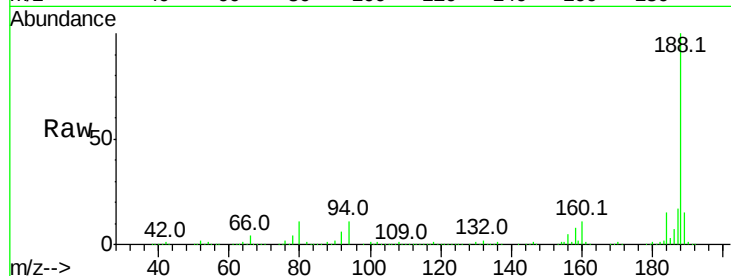
Tot Ion:188 Resp: 484387

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

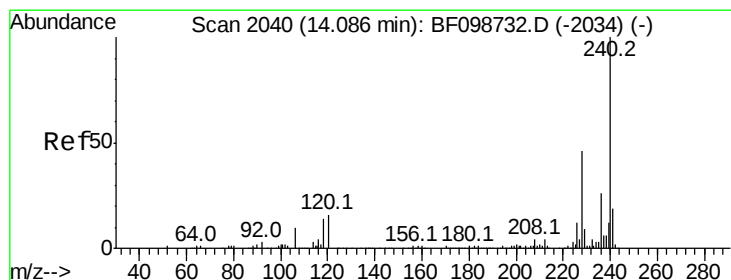
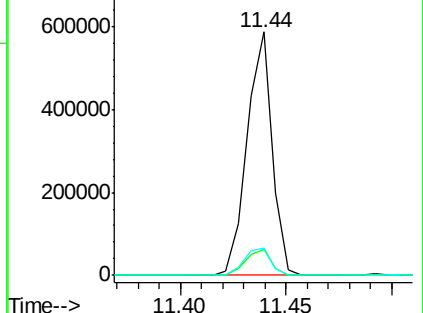
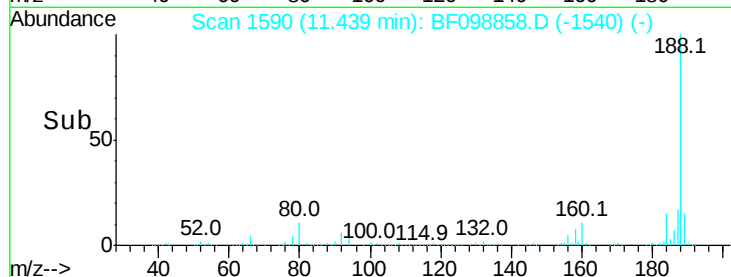
80 11.4 9.2 13.8



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: BF098858.D

Acq: 27 Sep 2017 12:53

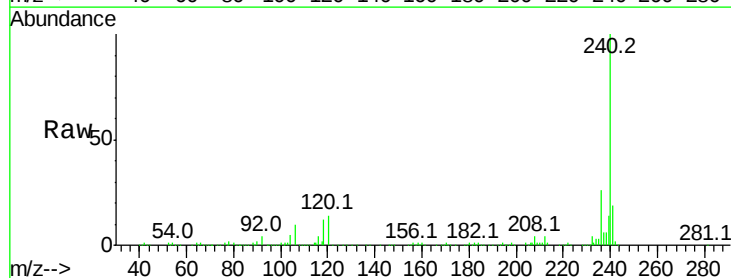
Tgt Ion:240 Resp: 288177

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

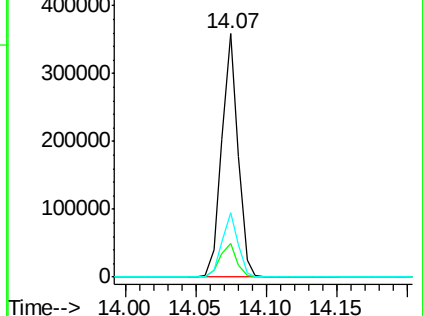
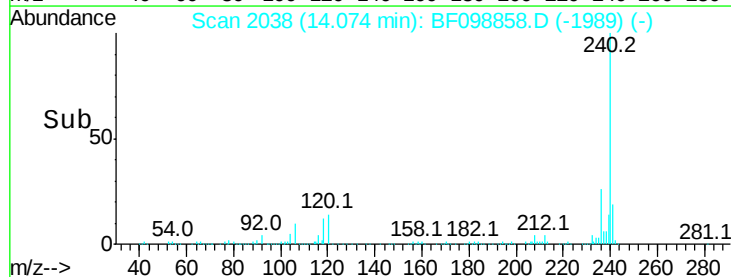
236 26.2 20.7 31.1

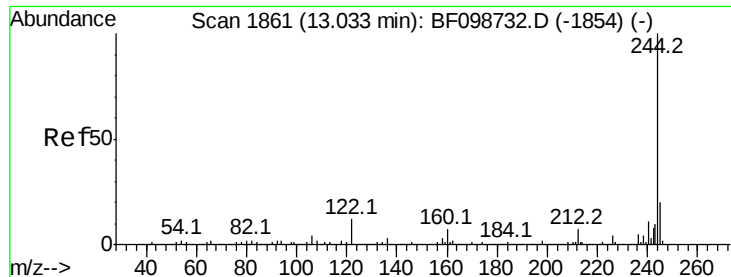


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.387 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098858.D

Acq: 27 Sep 2017 12:53

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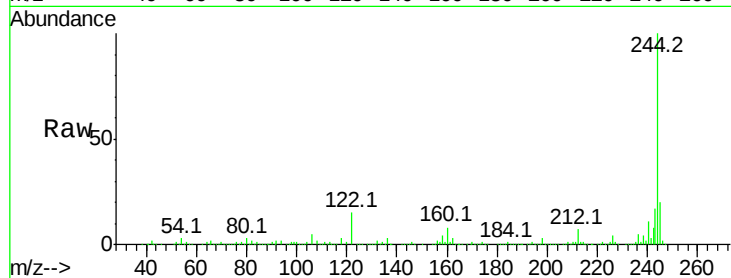
Tot Ion:244 Resp: 1005957

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

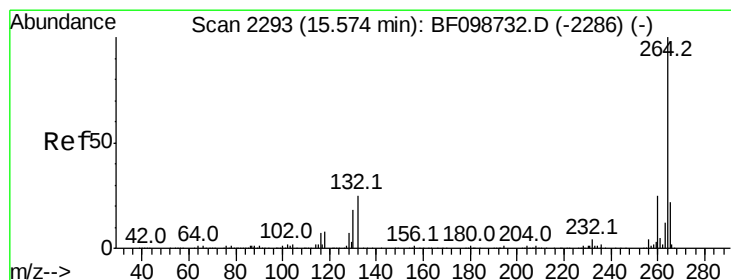
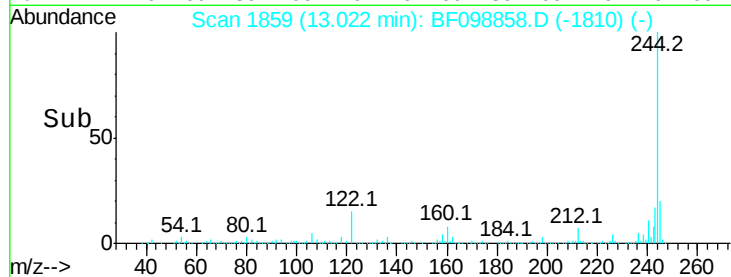
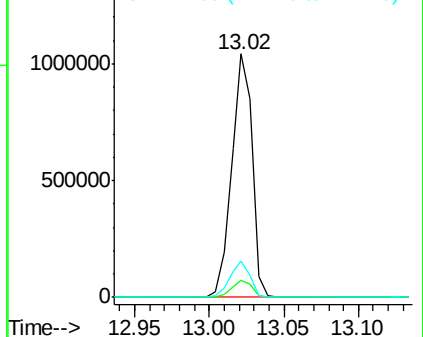
122 14.8 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098858.D

Acq: 27 Sep 2017 12:53

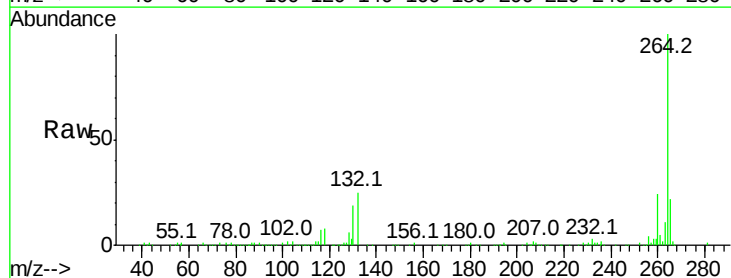
Tgt Ion:264 Resp: 252003

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

