

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098875.D
 Acq On : 27 Sep 2017 21:03
 Operator : SJ/JU
 Sample : I5444-04 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-092617

Quant Time: Sep 28 04:56:09 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

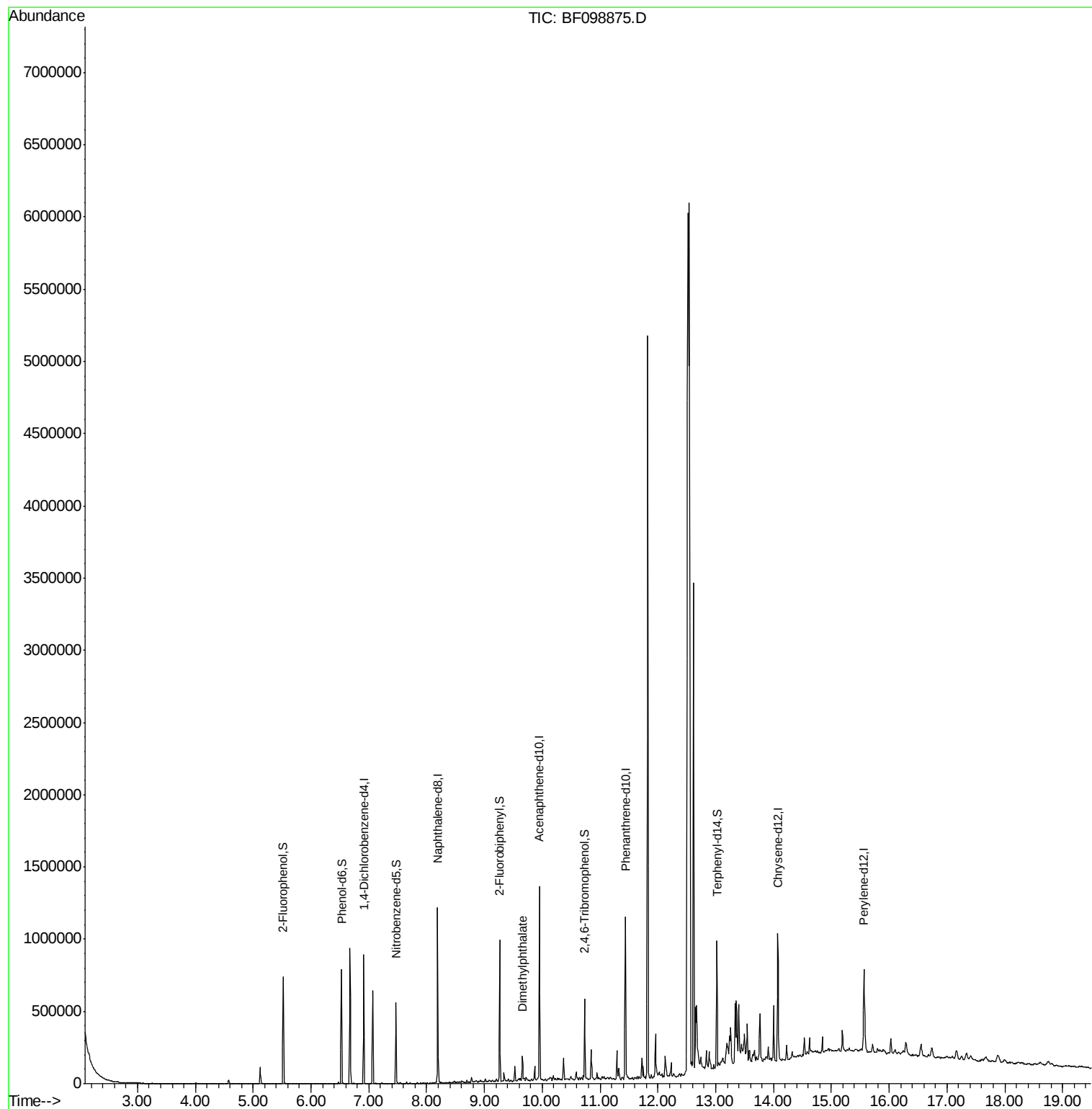
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	123316	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	514242	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	230534	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	382158	20.00	ng	0.00
75) Chrysene-d12	14.07	240	279073	20.00	ng	-0.01
86) Perylene-d12	15.57	264	243966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	201368	25.99	ng	-0.02
7) Phenol-d6	6.53	99	250608	26.22	ng	-0.02
23) Nitrobenzene-d5	7.47	82	147190	18.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	45984	24.38	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	292401	21.17	ng	-0.01
78) Terphenyl-d14	13.02	244	223920	18.25	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	44277	2.545	ng	99

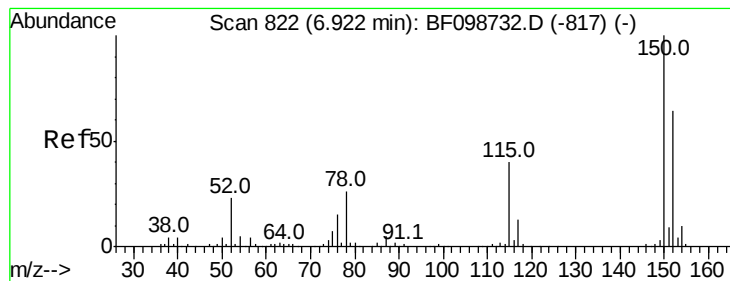
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

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BU-03-092617

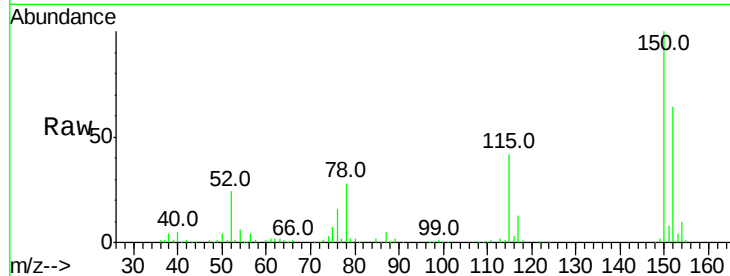
Tot Ion:152 Resp: 123316

Ion Ratio Lower Upper

152 100

150 155.8 124.6 186.8

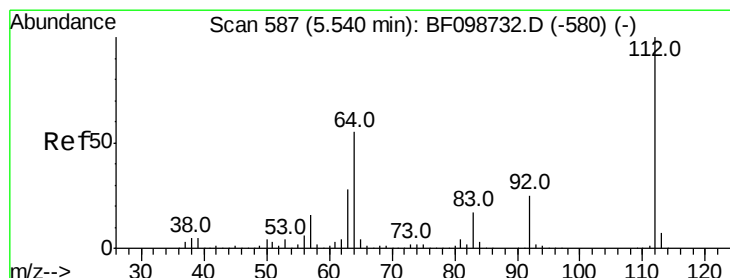
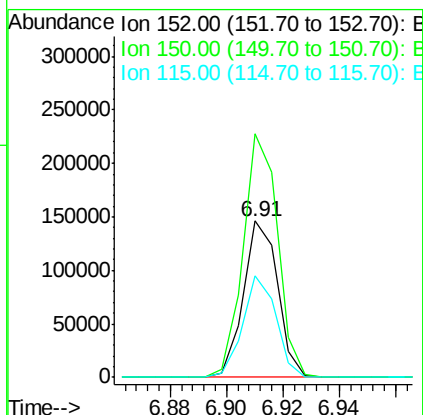
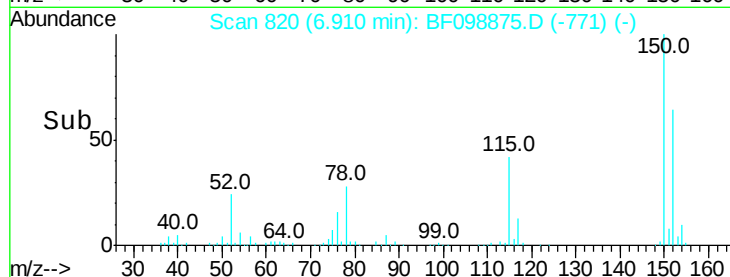
115 65.3 50.1 75.1



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: 25.995 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF098875.D

Acq: 27 Sep 2017 21:03

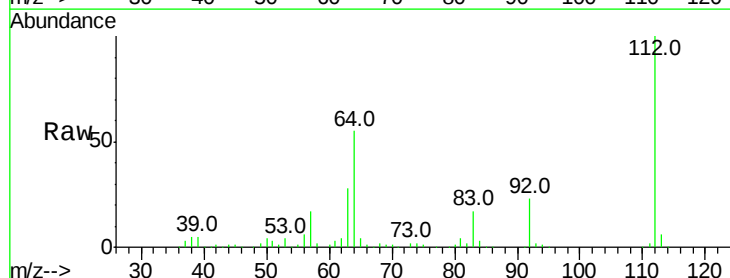
Tgt Ion:112 Resp: 201368

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

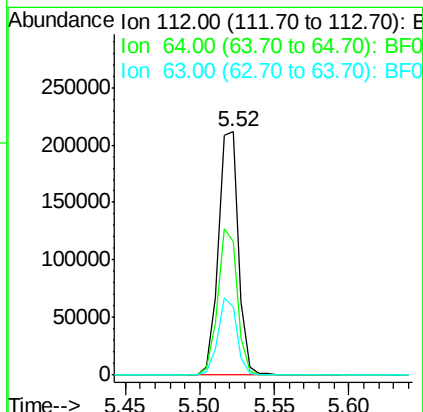
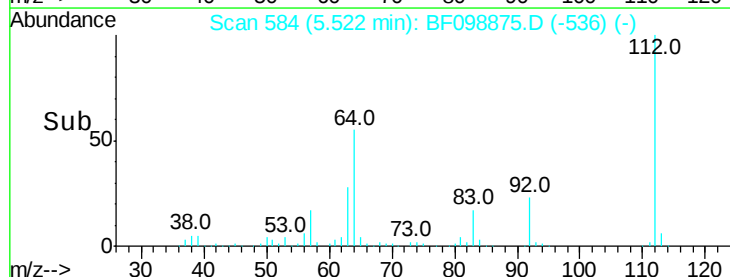
63 27.8 23.7 35.5

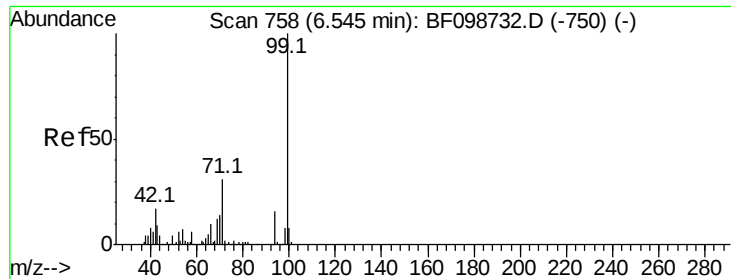


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.225 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098875.D

Acq: 27 Sep 2017 21:03

Instrument :

BNA_F

ClientSampleId :

BU-03-092617

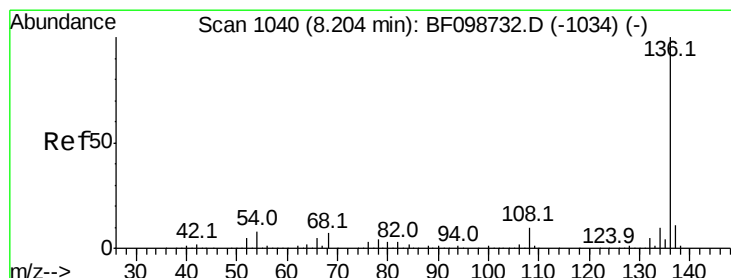
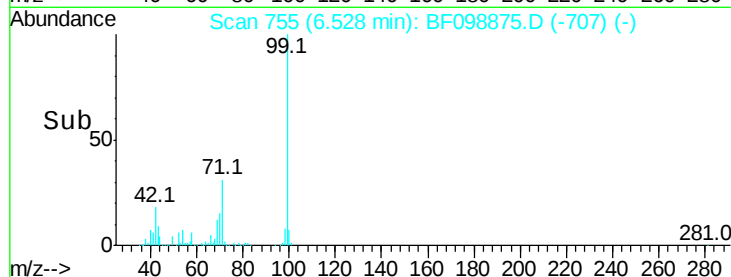
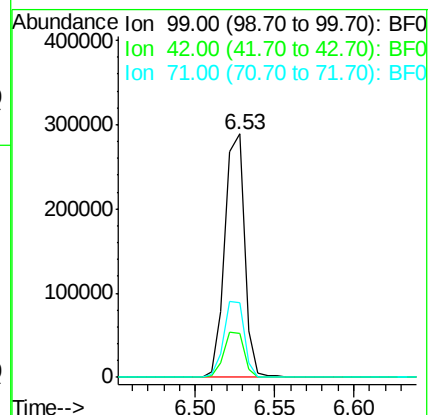
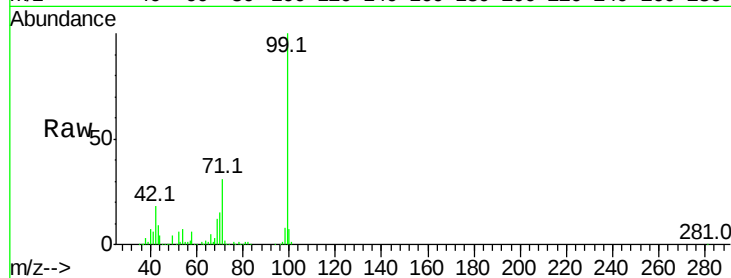
Tot Ion: 99 Resp: 250608

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 30.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098875.D

Acq: 27 Sep 2017 21:03

Tgt Ion: 136 Resp: 514242

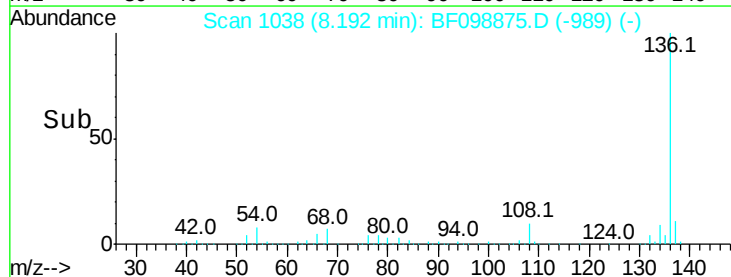
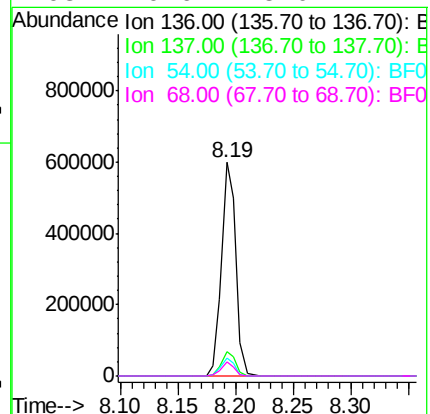
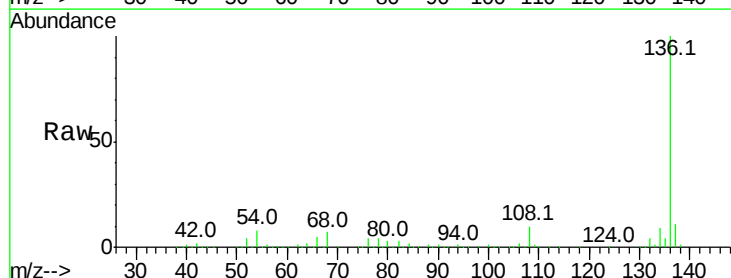
Ion Ratio Lower Upper

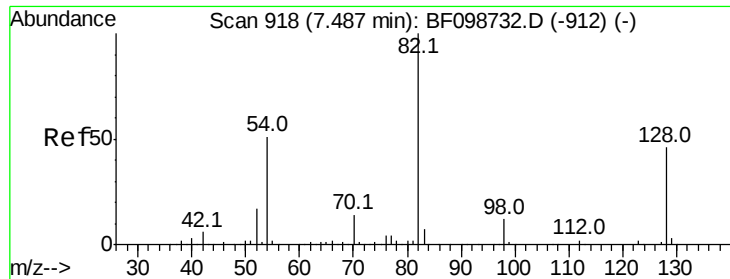
136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.6 5.0 7.4

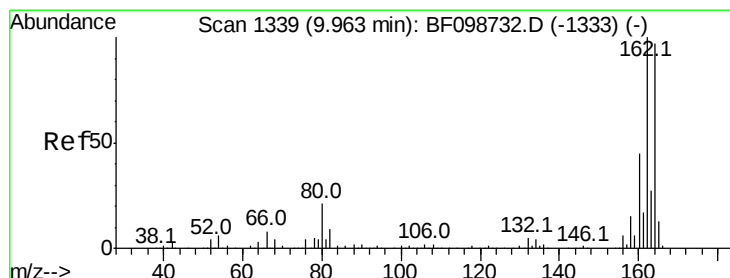
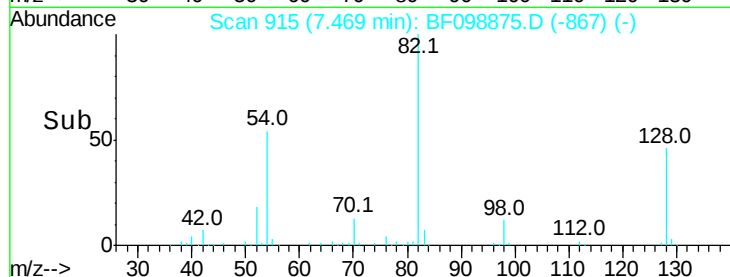
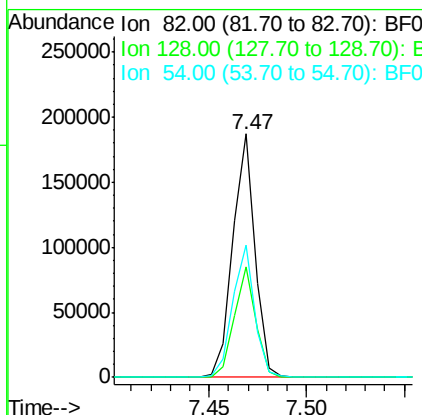
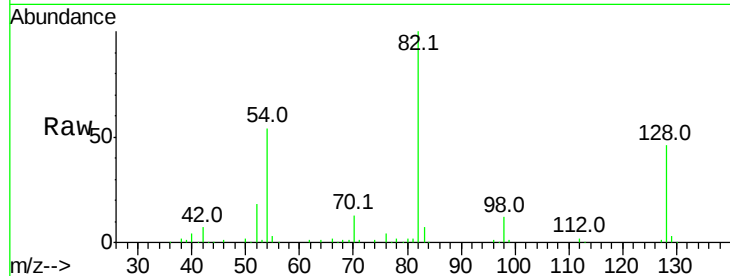




#23
 Nitrobenzene-d5
 Concen: 18.356 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

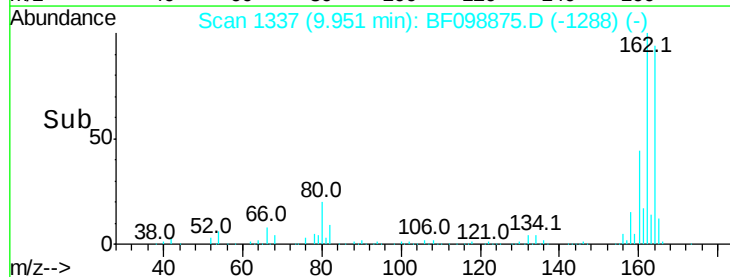
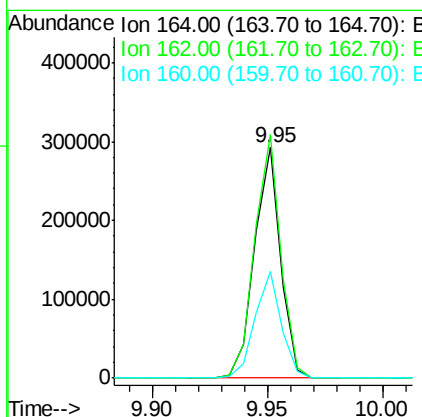
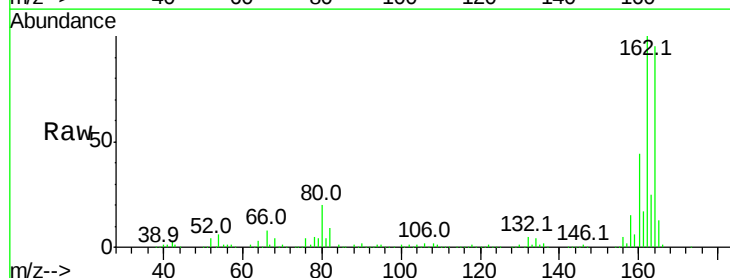
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-092617

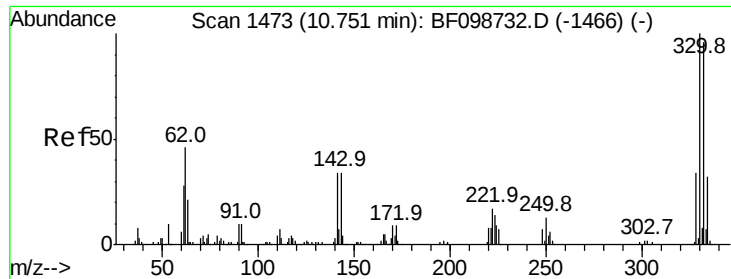
Tot Ion	82	Resp	147190
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.1	54.1
54	54.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

Tgt Ion	164	Resp	230534
Ion Ratio	Lower	Upper	
164	100		
162	105.6	86.1	129.1
160	46.5	38.3	57.5

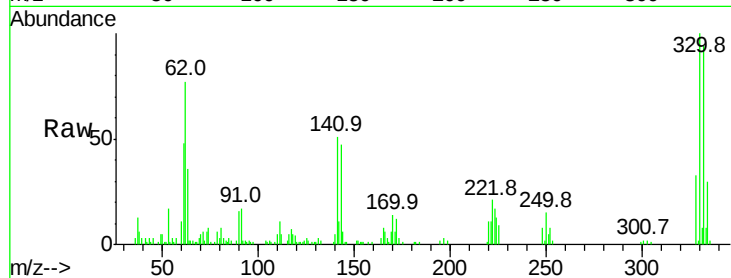




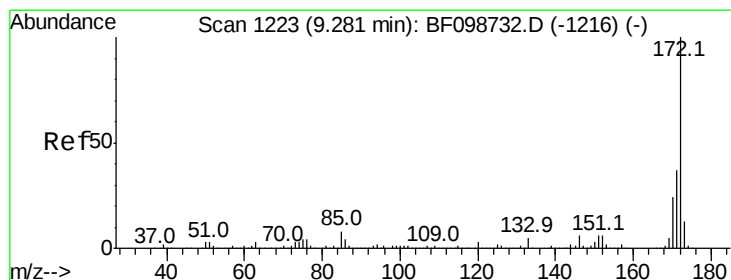
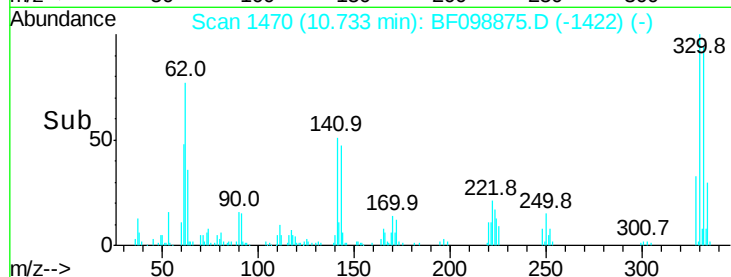
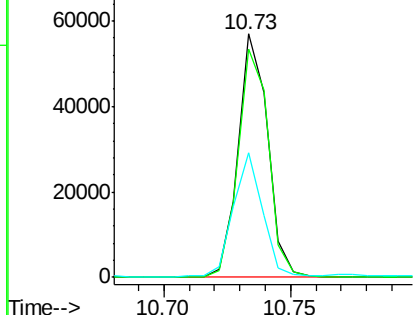
#41
 2,4,6-Tribromophenol
 Concen: 24.377 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-092617

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	51.8	29.9	44.9#

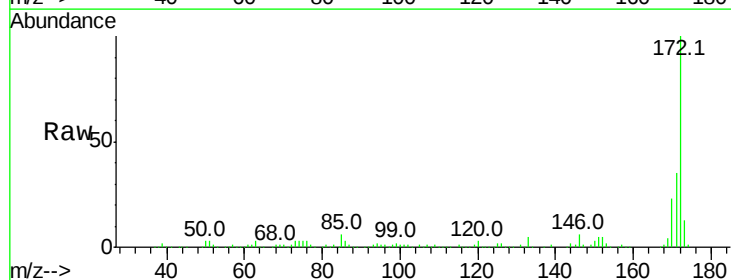


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

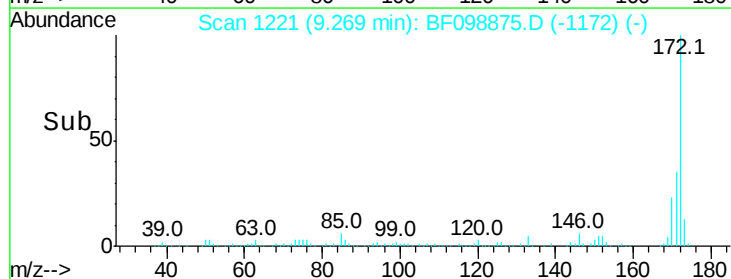
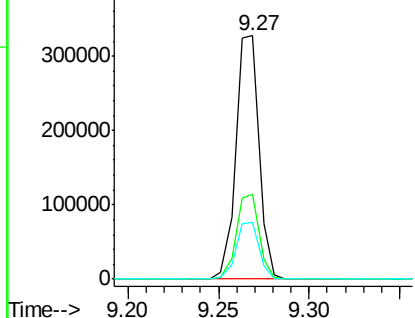


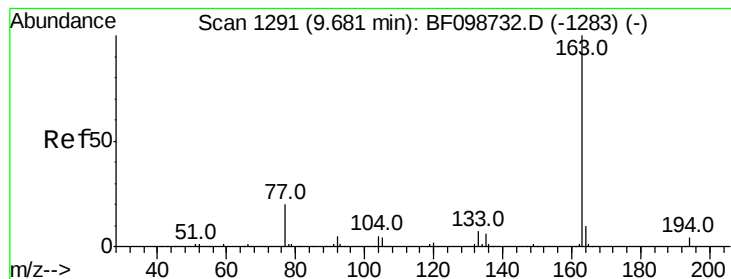
#44
 2-Fluorobiphenyl
 Concen: 21.174 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.2	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





#49

Dimethylphthalate

Concen: 2.545 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098875.D

Acq: 27 Sep 2017 21:03

Instrument :

BNA_F

ClientSampleId :

BU-03-092617

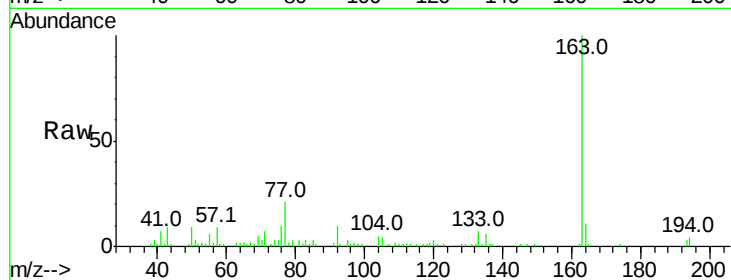
Tot Ion:163 Resp: 44277

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

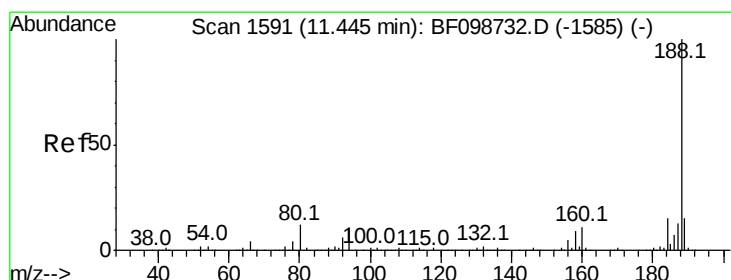
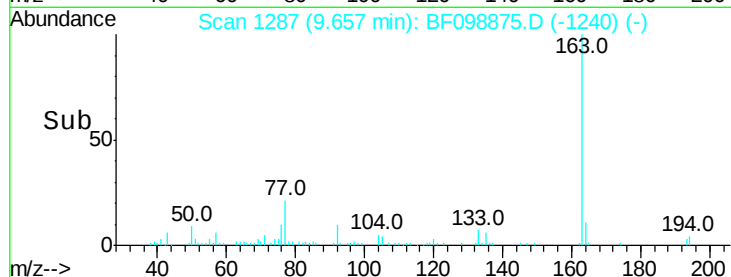
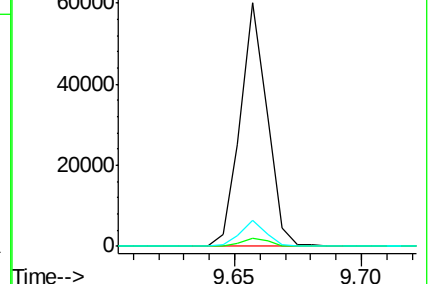
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098875.D

Acq: 27 Sep 2017 21:03

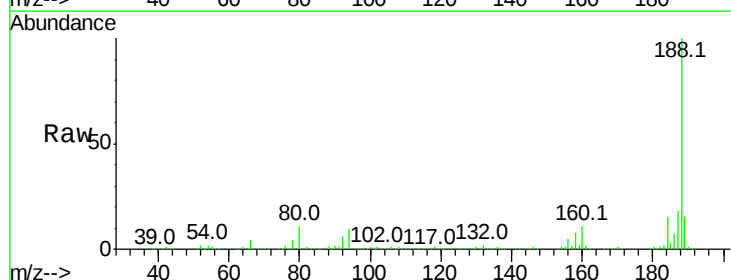
Tgt Ion:188 Resp: 382158

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

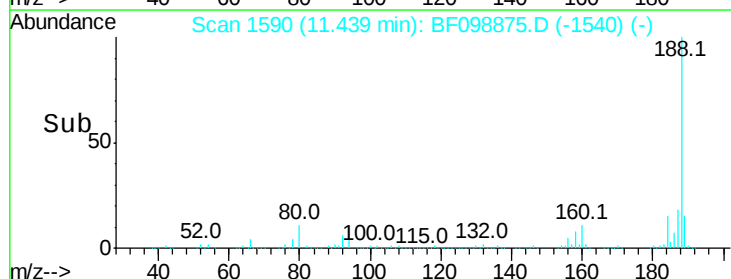
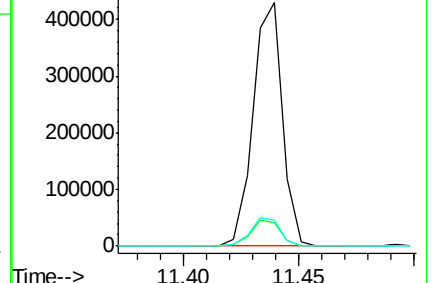
80 10.8 9.2 13.8

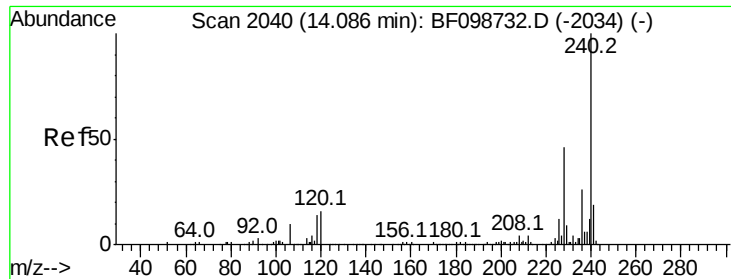


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

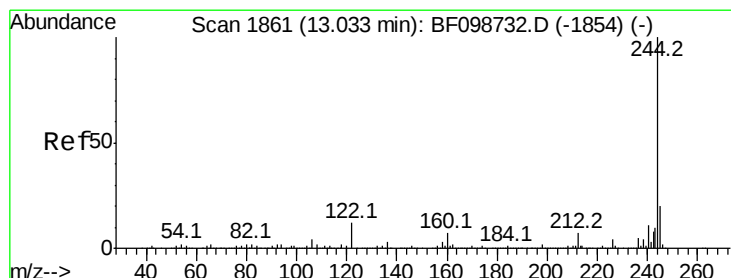
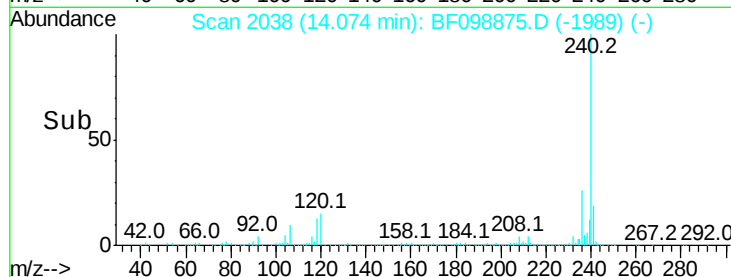
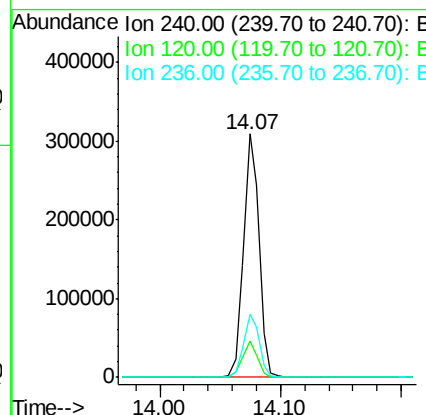
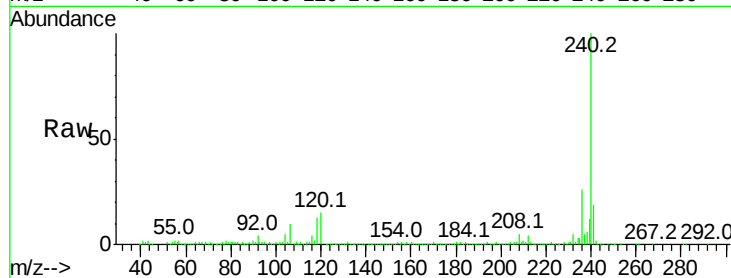




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

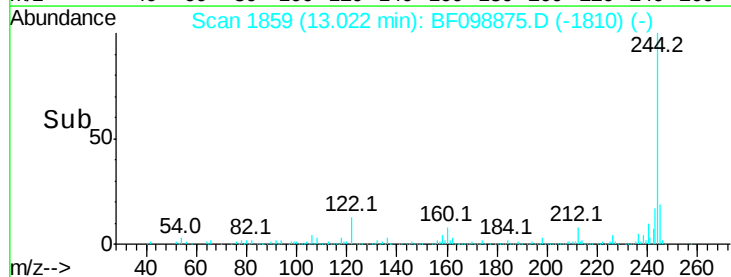
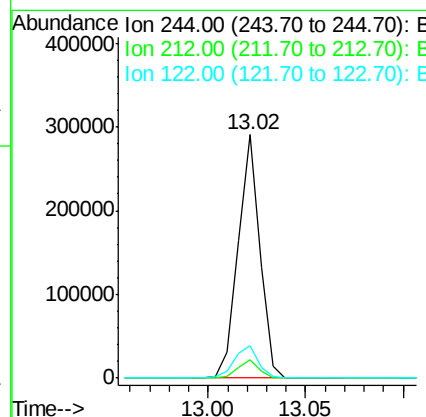
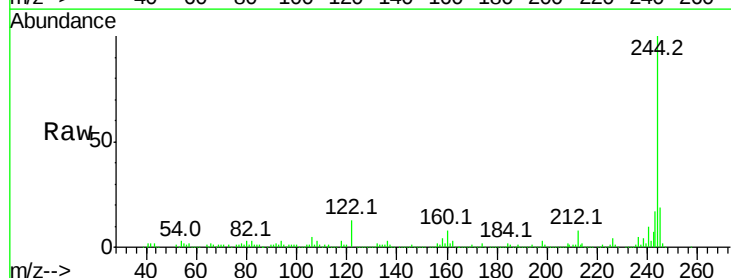
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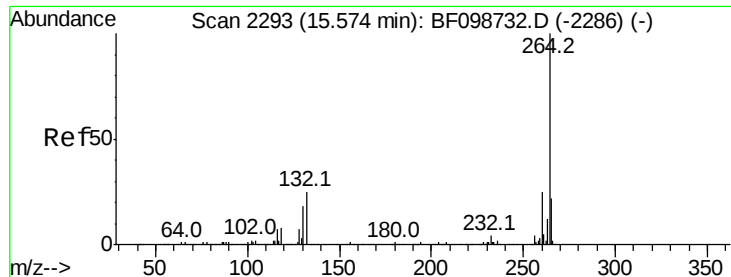
Tot Ion:240 Resp: 279073
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 26.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 18.248 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF098875.D
 Acq: 27 Sep 2017 21:03

Tgt Ion:244 Resp: 223920
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 13.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098875.D
Acq: 27 Sep 2017 21:03

Instrument :
BNA_F
ClientSampleId :
BU-03-092617

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

