

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098871.D
 Acq On : 27 Sep 2017 19:10
 Operator : SJ/JU
 Sample : PB102662BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BL

Quant Time: Sep 28 04:02:56 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	134953	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	556565	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	259651	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	485934	20.00	ng	0.00
75) Chrysene-d12	14.07	240	440260	20.00	ng	-0.01
86) Perylene-d12	15.57	264	396680	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	725404	85.57	ng	0.00
7) Phenol-d6	6.53	99	849537	81.23	ng	-0.01
23) Nitrobenzene-d5	7.47	82	729991	84.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	174747	82.25	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1376480	88.50	ng	-0.01
78) Terphenyl-d14	13.03	244	1308940	67.61	ng	0.00

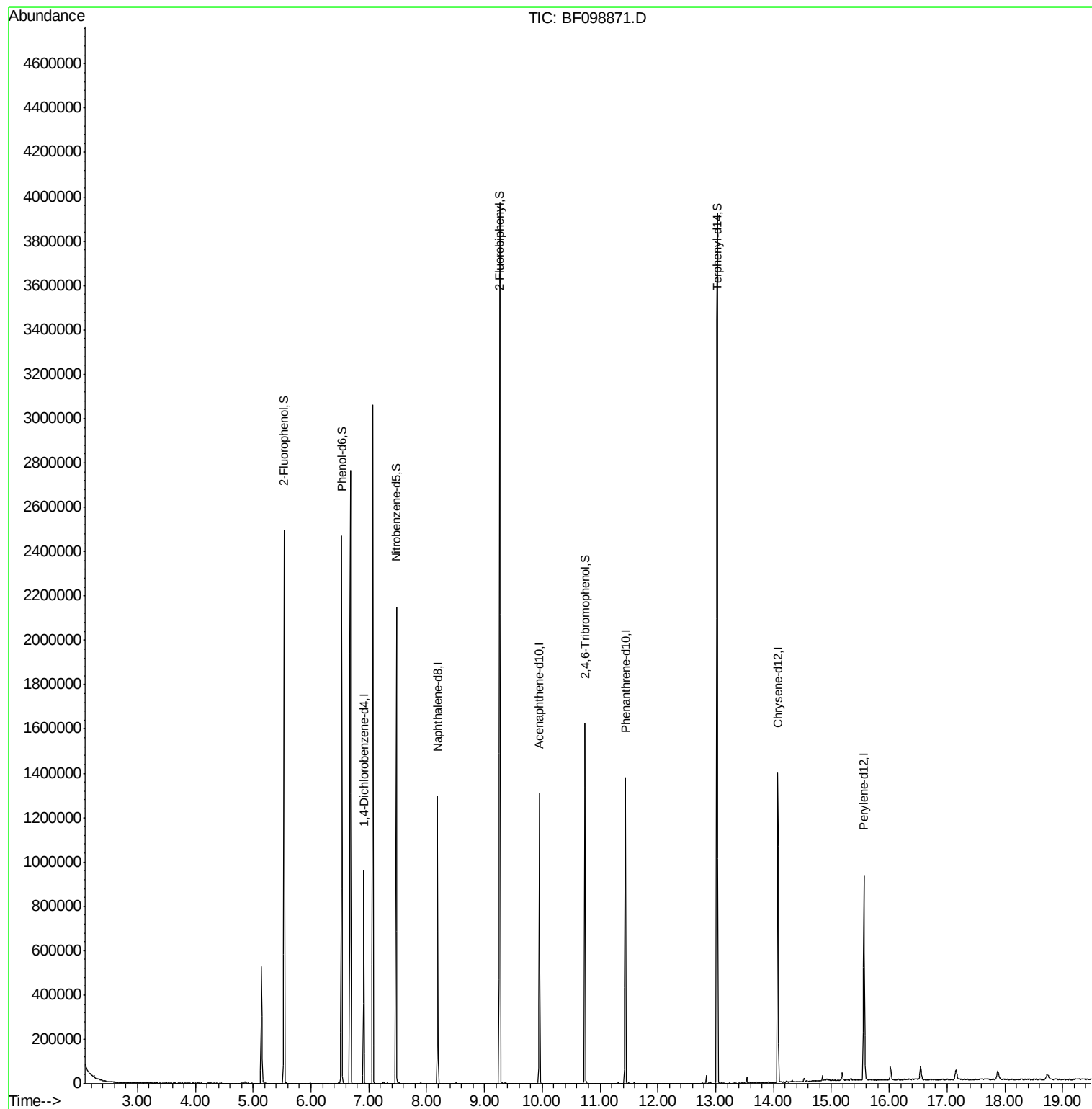
Target Compounds Qvalue

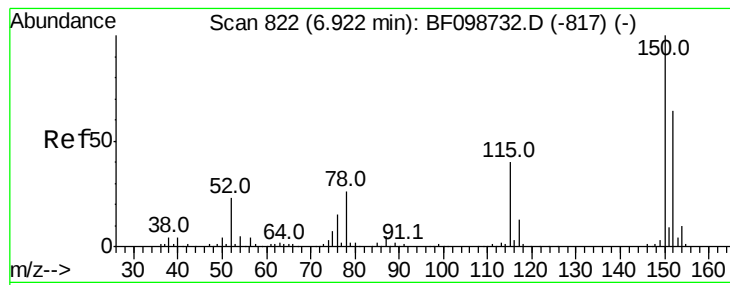
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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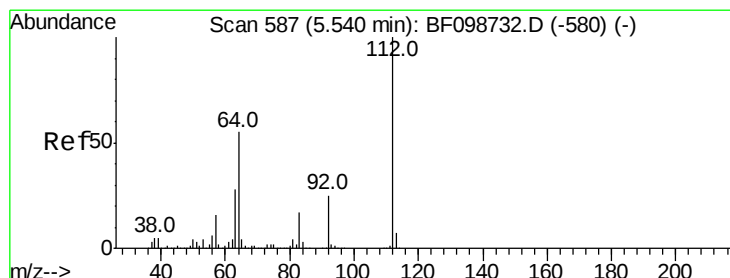
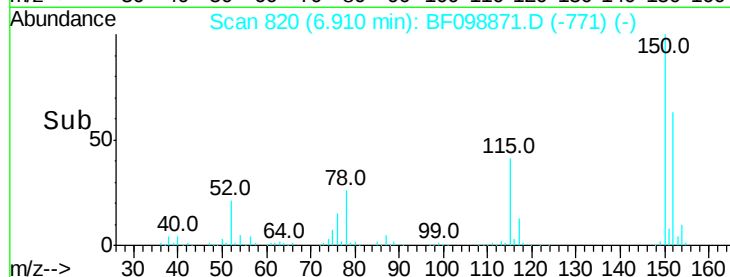
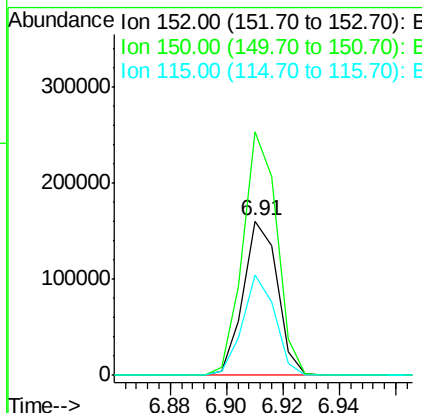
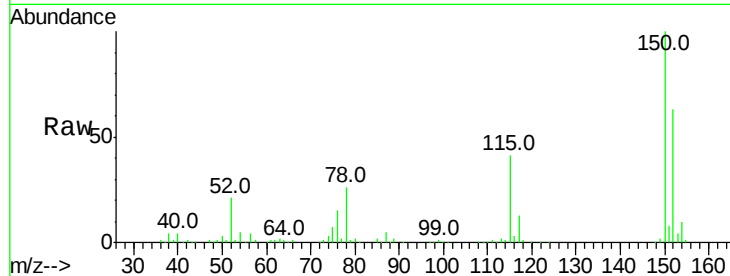


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BL

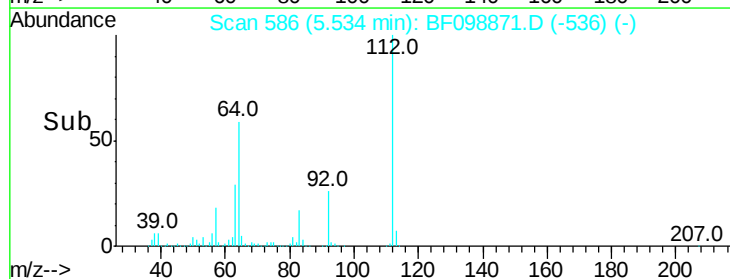
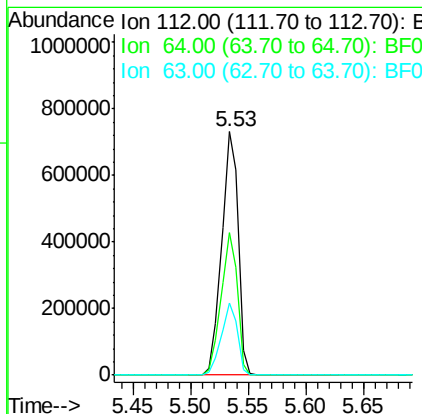
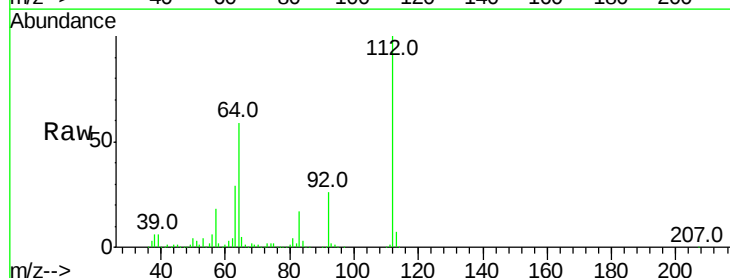
Tot Ion:152 Resp: 134953
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 65.3 50.1 75.1

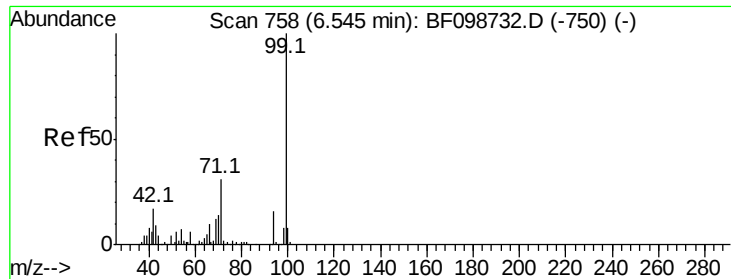


#5

2-Fluorophenol
 Concen: 85.568 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Tgt Ion:112 Resp: 725404
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 81.234 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

PB102662BL

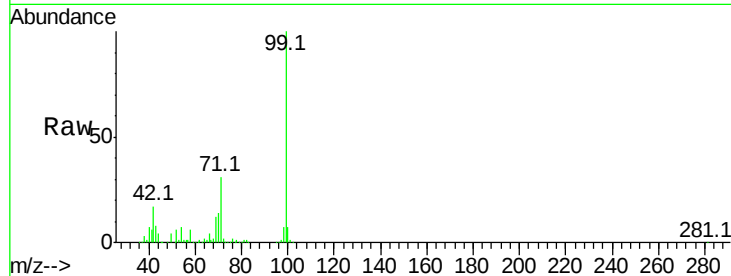
Tot Ion: 99 Resp: 849537

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

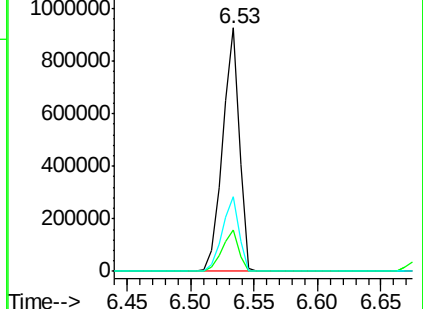
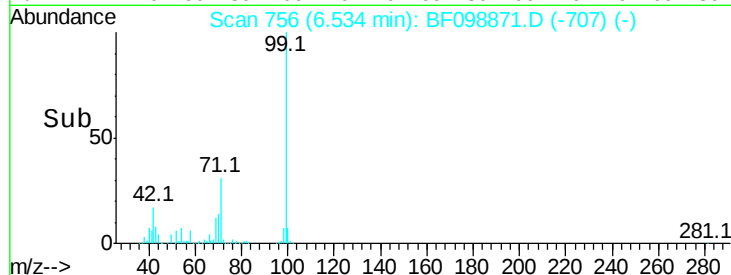
71 30.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

Tgt Ion: 136 Resp: 556565

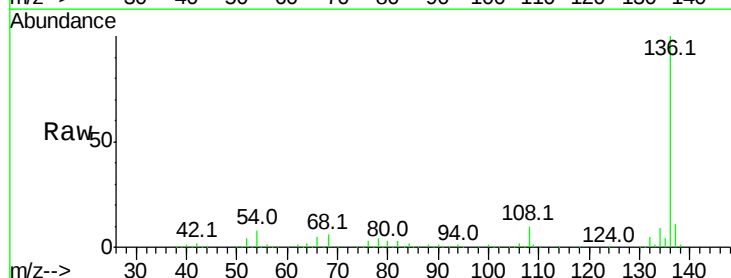
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 6.2 5.0 7.4

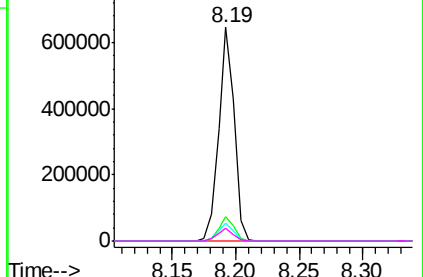
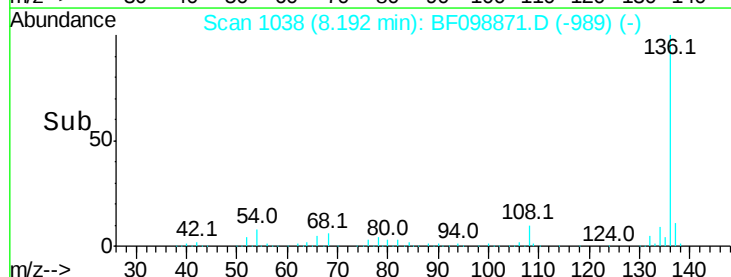


Abundance Ion 136.00 (135.70 to 136.70): E

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

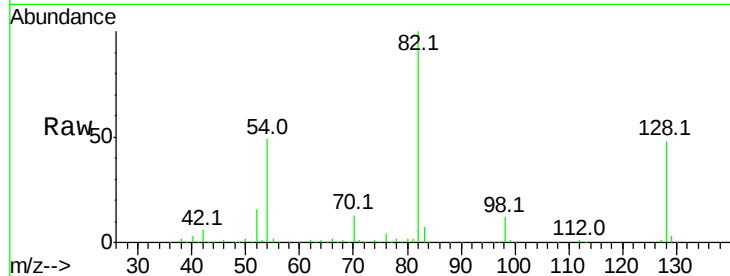




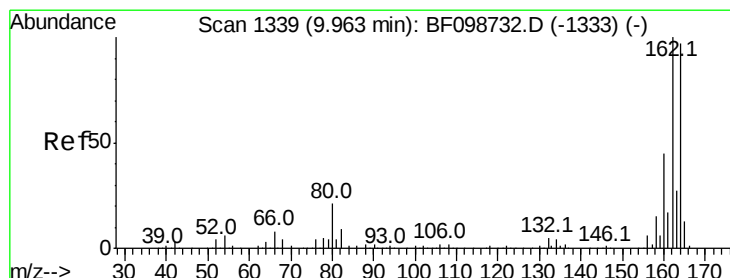
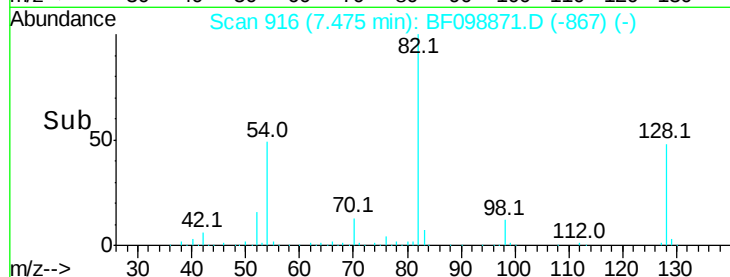
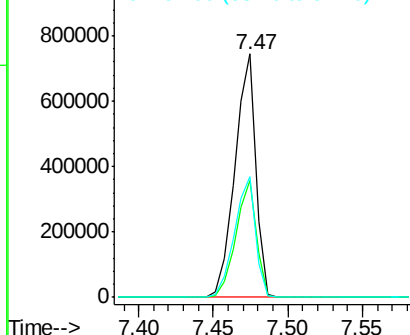
#23
Nitrobenzene-d5
Concen: 84.113 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :
PB102662BL

Tot Ion: 82 Resp: 729991
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 49.4 41.4 62.2

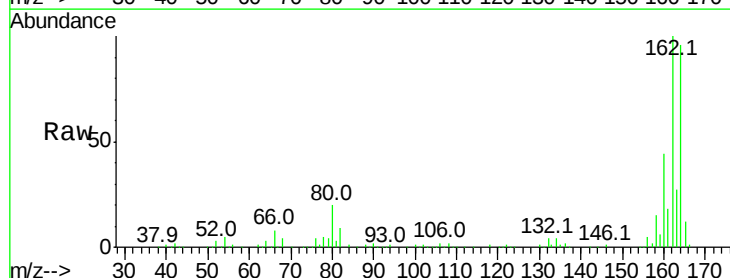


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

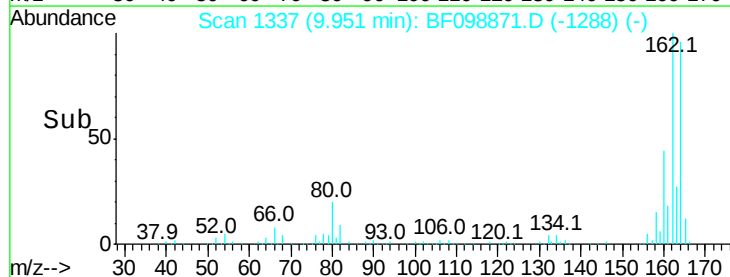
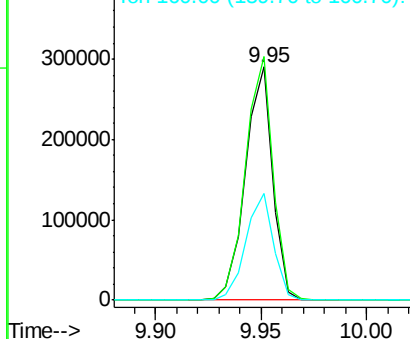


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Tgt Ion:164 Resp: 259651
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.9 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

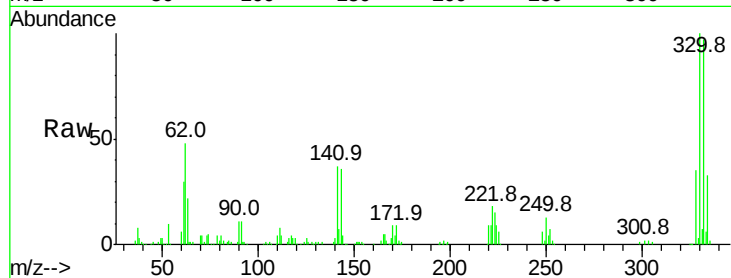




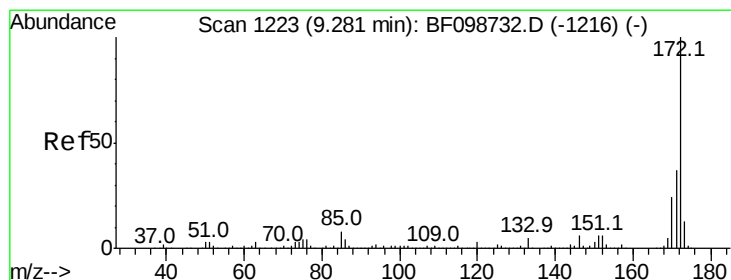
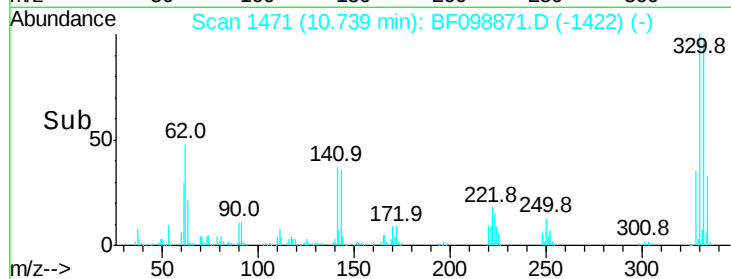
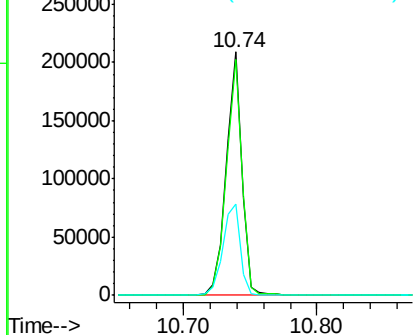
#41
 2,4,6-Tribromophenol
 Concen: 82.247 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB102662BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	41.8	29.9	44.9

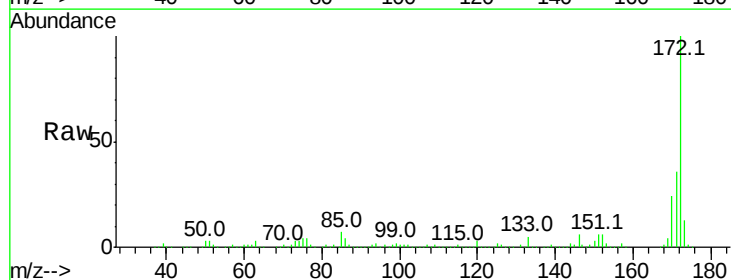


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

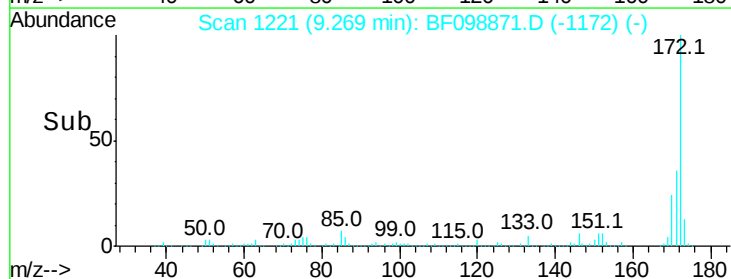
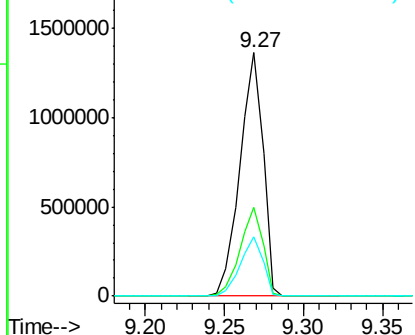


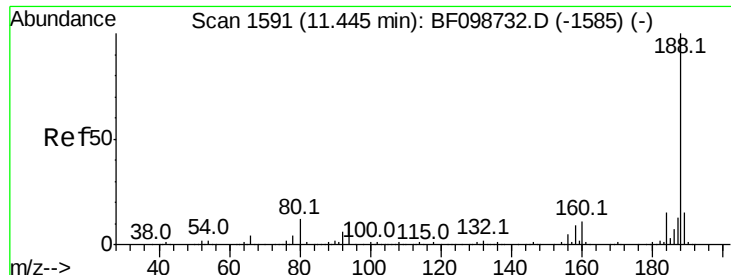
#44
 2-Fluorobiphenyl
 Concen: 88.500 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098871.D
 Acq: 27 Sep 2017 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	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

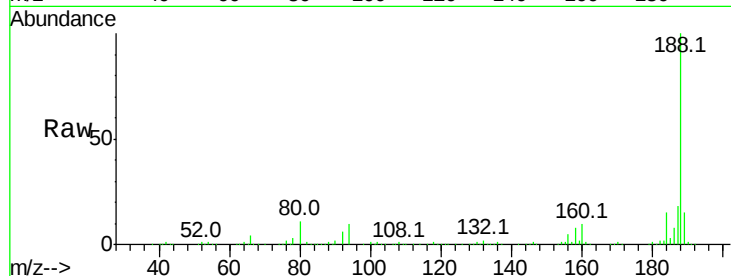




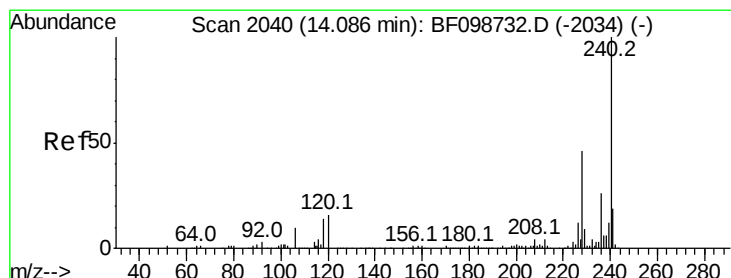
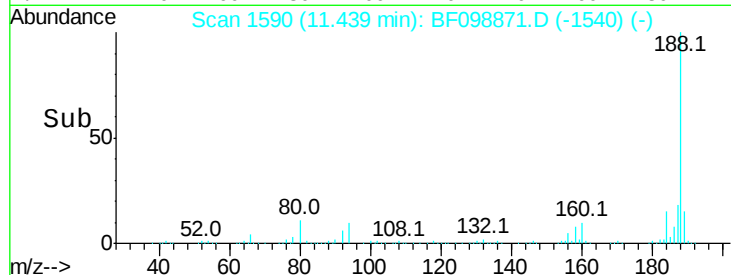
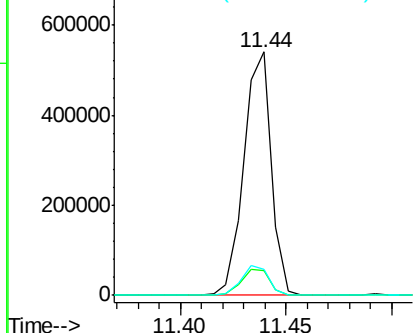
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Instrument :
BNA_F
ClientSampleId :
PB102662BL

Tot Ion:188 Resp: 485934
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.6 9.2 13.8

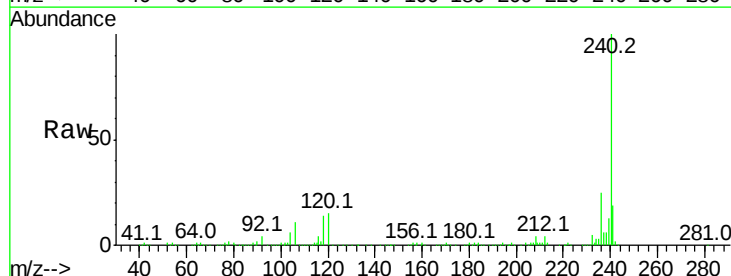


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

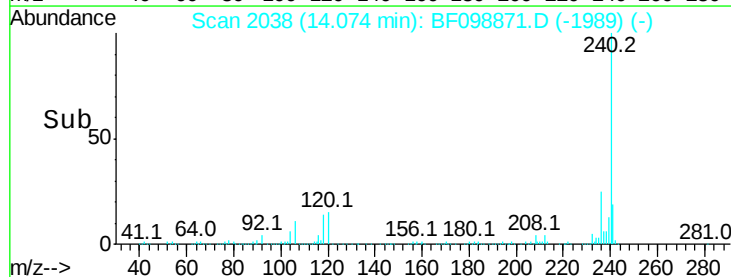
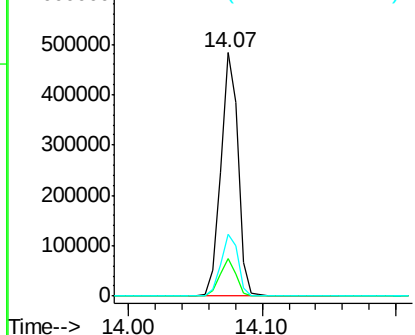


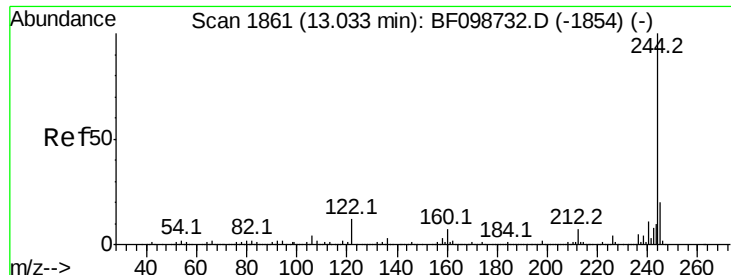
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098871.D
Acq: 27 Sep 2017 19:10

Tgt Ion:240 Resp: 440260
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.1 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: 67.614 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

Instrument :

BNA_F

ClientSampleId :

PB102662BL

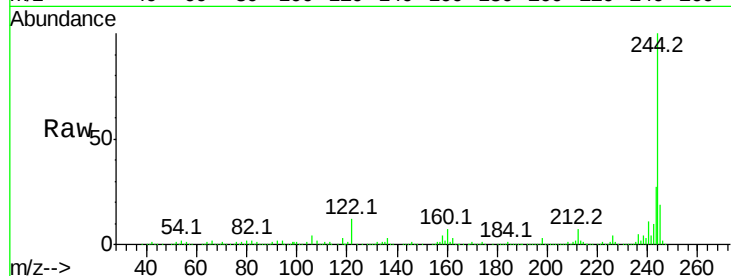
Tot Ion:244 Resp: 1308940

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

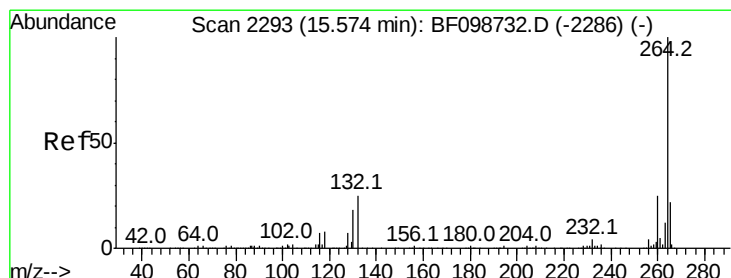
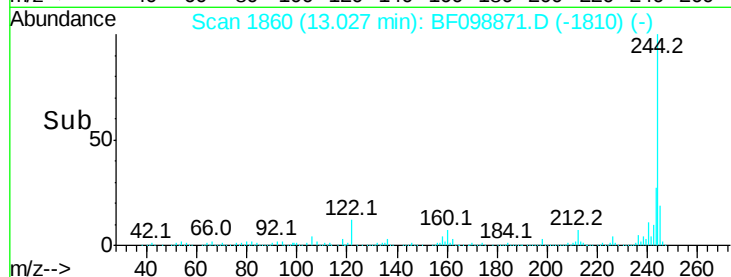
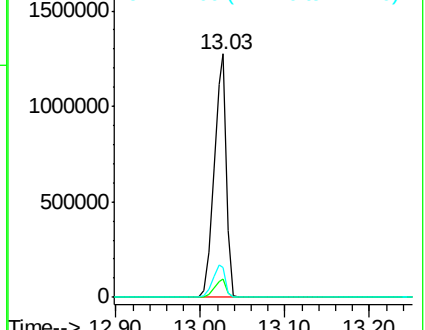
122 12.5 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098871.D

Acq: 27 Sep 2017 19:10

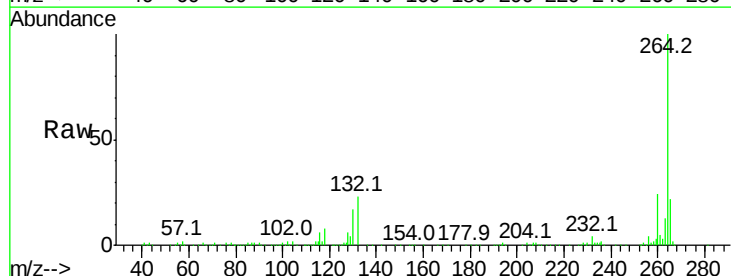
Tgt Ion:264 Resp: 396680

Ion Ratio Lower Upper

264 100

260 24.3 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

