

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097861.D
 Acq On : 19 Aug 2017 4:36
 Operator : SJ/JU
 Sample : I4820-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J7-BASE

Quant Time: Aug 19 05:20:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

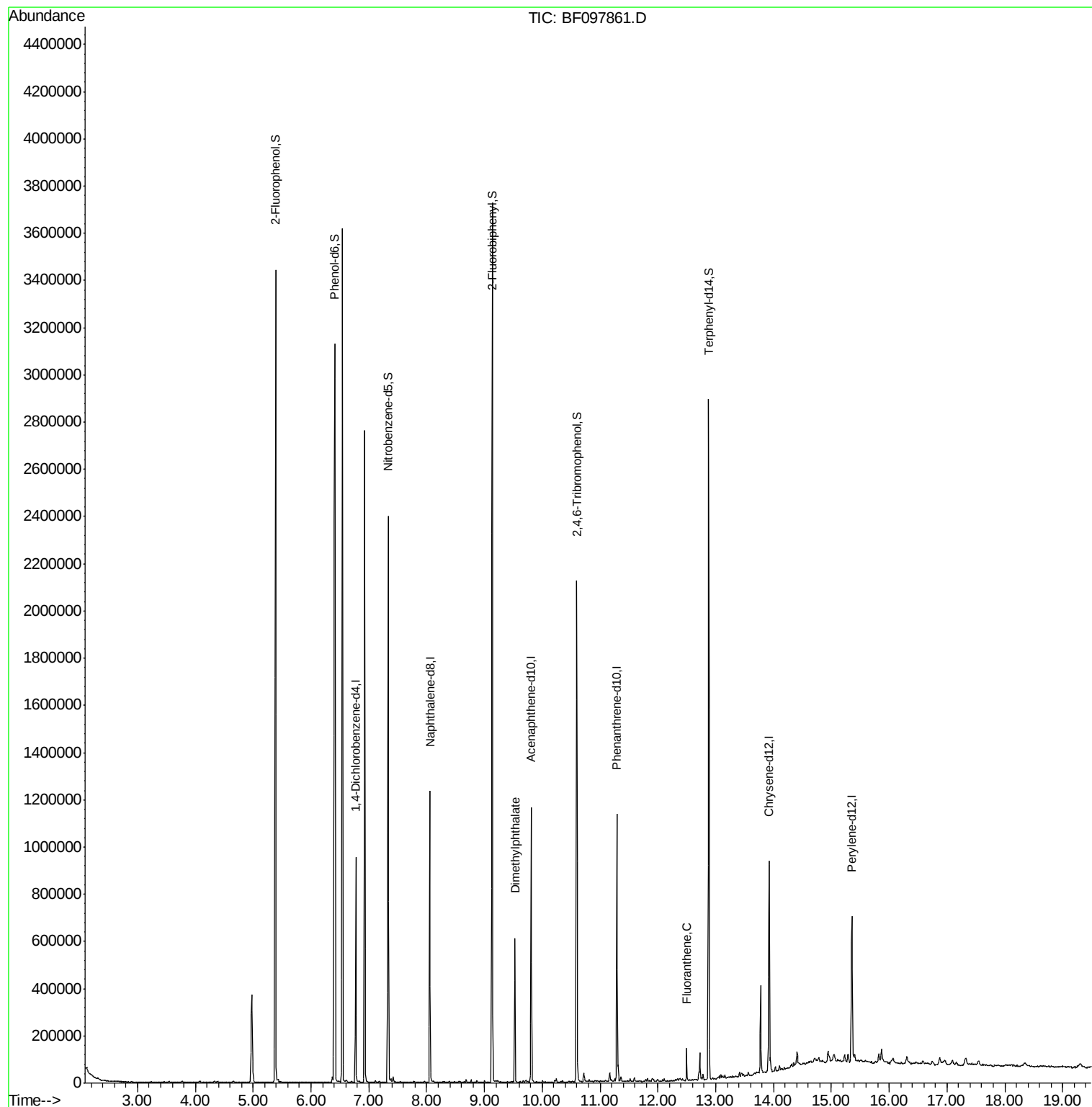
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124912	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	485207	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	209977	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	370685	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	300177	20.00	ng	-0.01
86) Perylene-d12	15.36	264	257376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1061184	129.22	ng	0.00
7) Phenol-d6	6.41	99	1447330	129.71	ng	0.00
23) Nitrobenzene-d5	7.34	82	867873	97.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	238834	131.09	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1186615	83.03	ng	-0.01
78) Terphenyl-d14	12.88	244	870909	60.50	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	199922	13.025	ng	99
74) Fluoranthene	12.50	202	45297	2.197	ng	99

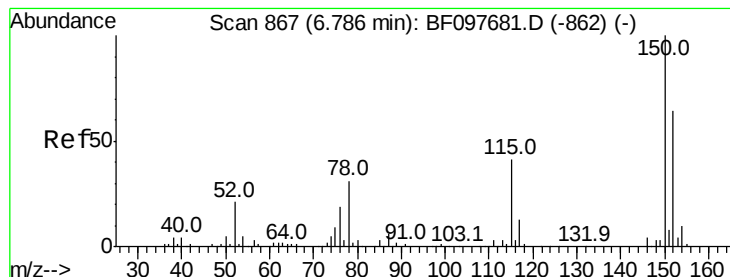
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF097861.D

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Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

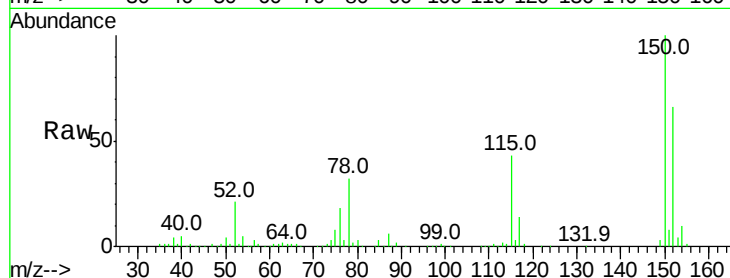
Tot Ion:152 Resp: 124912

Ion Ratio Lower Upper

152 100

150 152.5 126.2 189.2

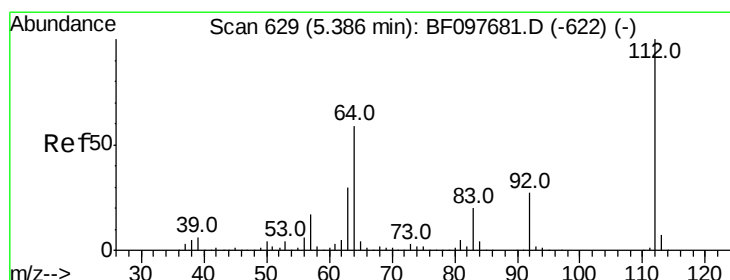
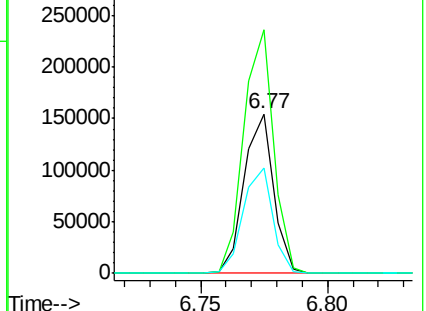
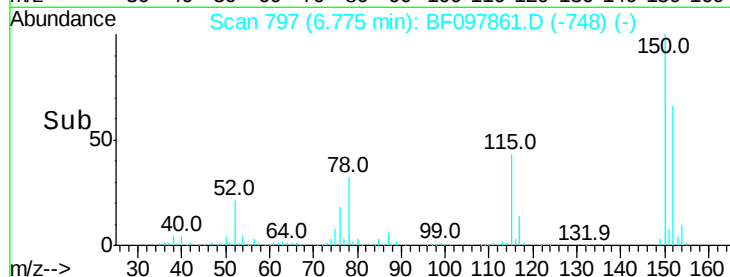
115 65.9 52.2 78.2



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: 129.222 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

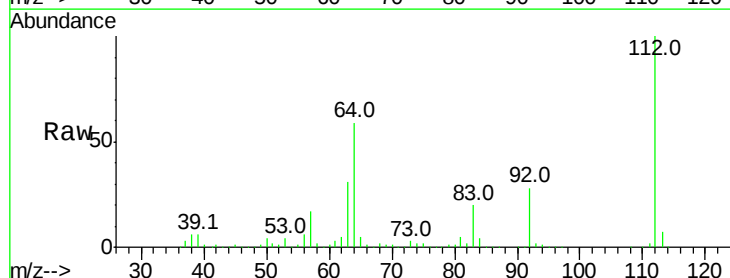
Tgt Ion:112 Resp: 1061184

Ion Ratio Lower Upper

112 100

64 59.1 46.0 69.0

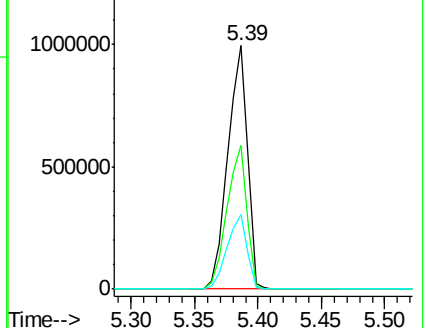
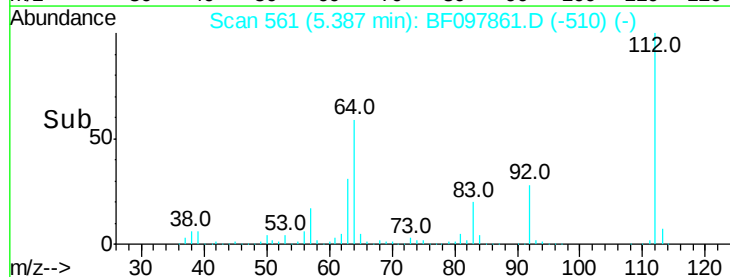
63 30.5 23.4 35.0



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: 129.714 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

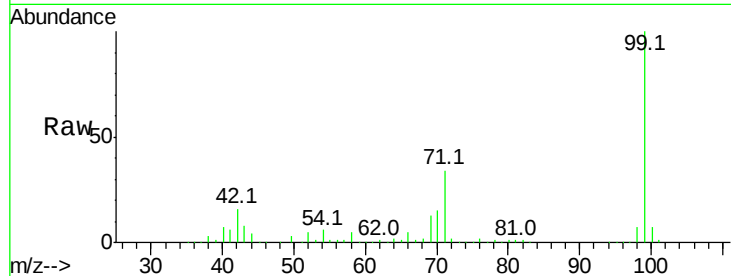
Tot Ion: 99 Resp: 1447330

Ion Ratio Lower Upper

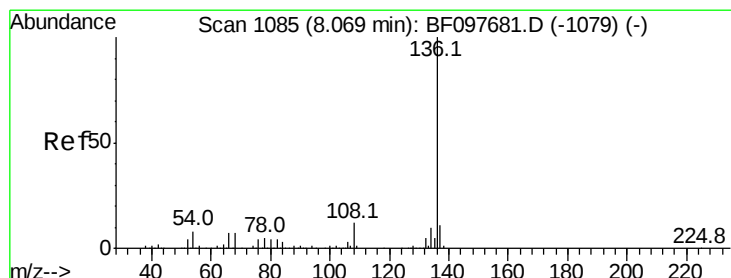
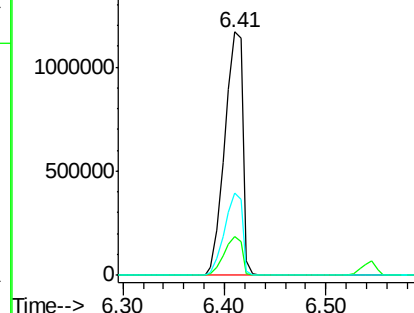
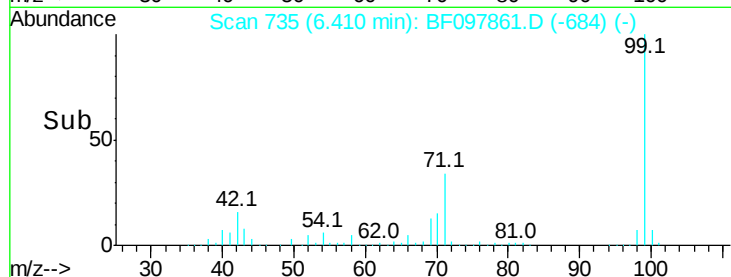
99 100

42 16.2 13.5 20.3

71 34.0 24.5 36.7



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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097861.D

Acq: 19 Aug 2017 4:36

Tgt Ion: 136 Resp: 485207

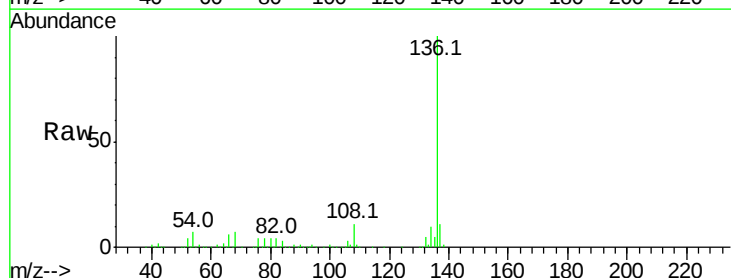
Ion Ratio Lower Upper

136 100

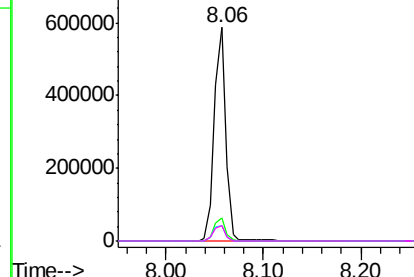
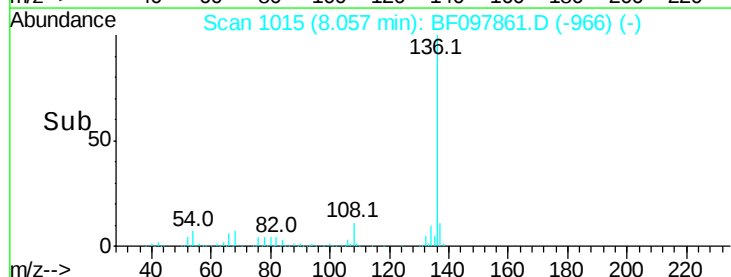
137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 7.1 4.1 6.1#



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

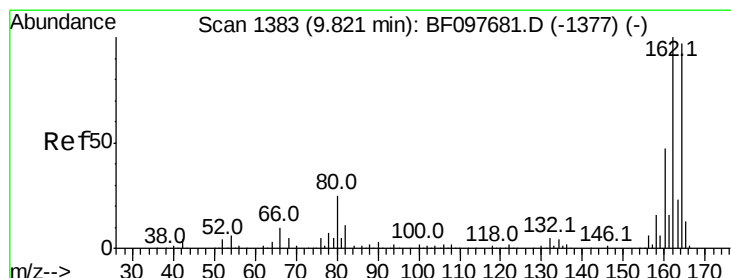
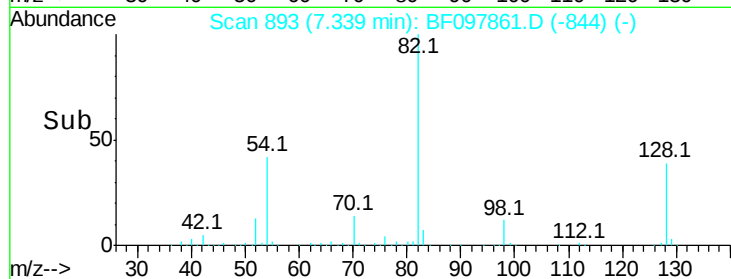
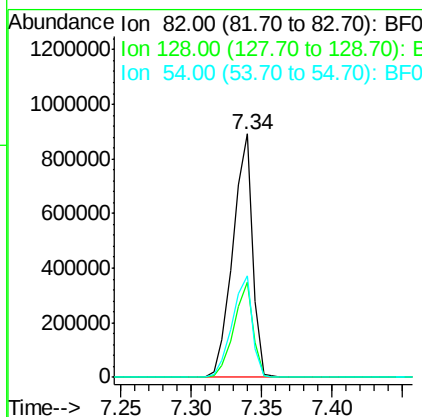
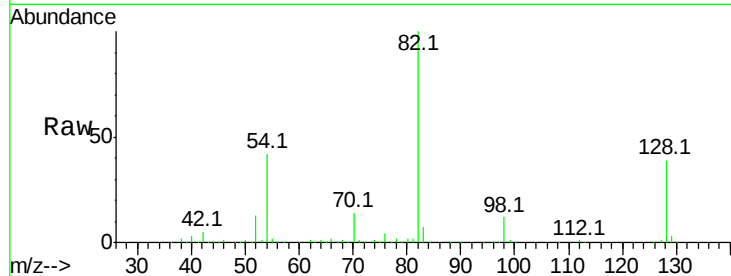




#23
Nitrobenzene-d5
Concen: 97.169 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

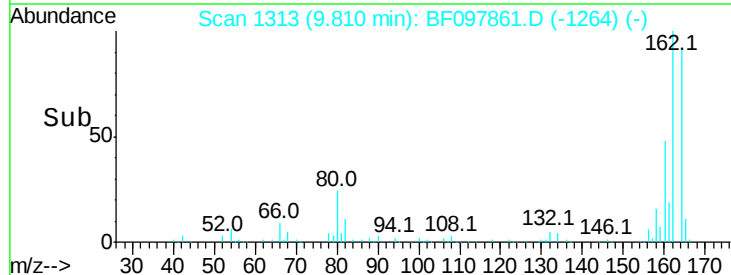
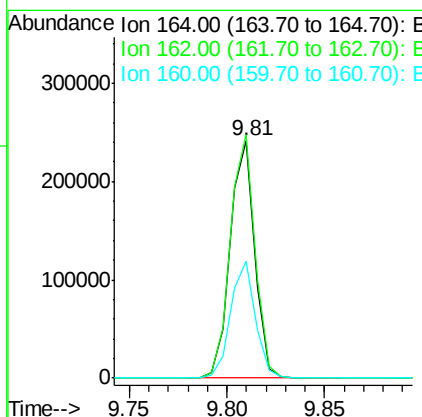
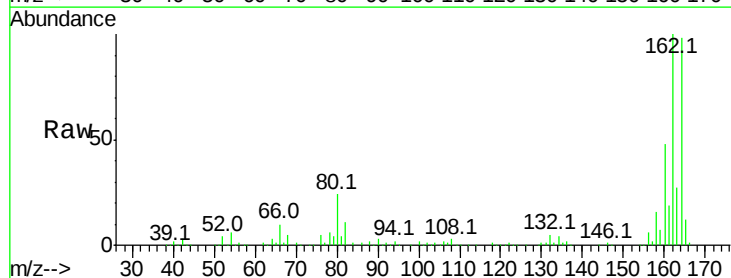
Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

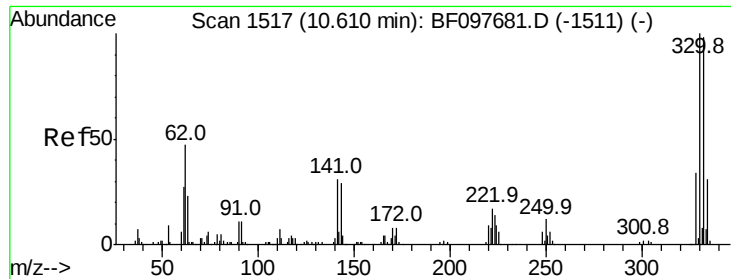
Tot Ion: 82 Resp: 867873
Ion Ratio Lower Upper
82 100
128 39.3 34.0 51.0
54 41.7 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion:164 Resp: 209977
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 49.0 36.2 54.2

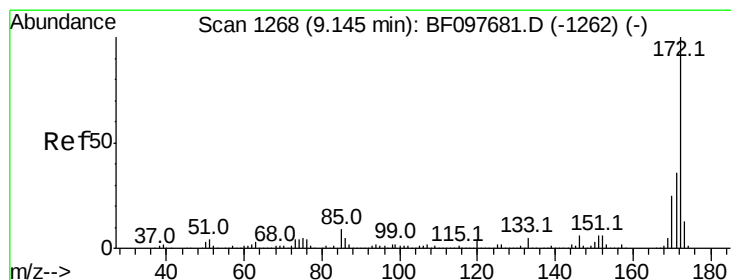
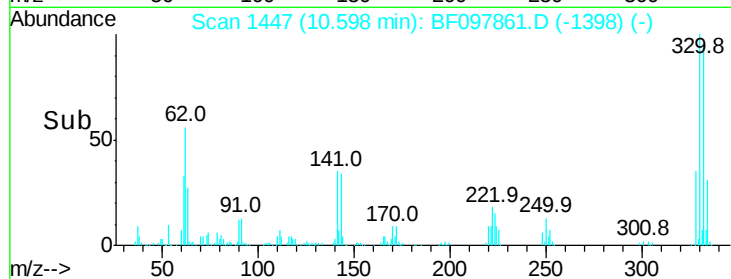
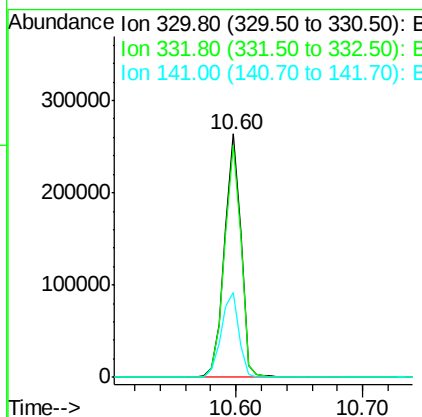
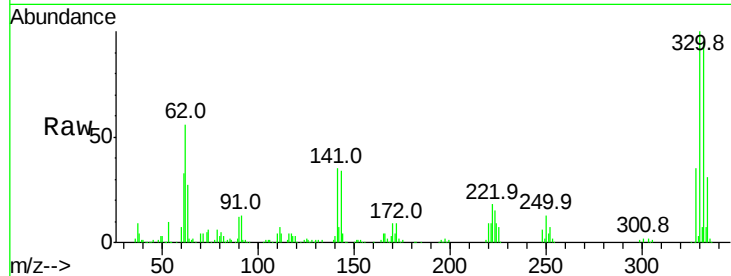




#41
 2,4,6-Tribromophenol
 Concen: 131.091 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

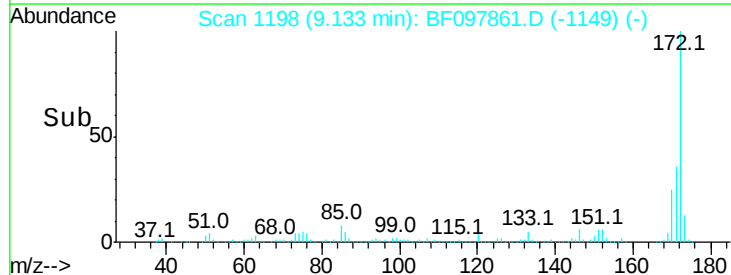
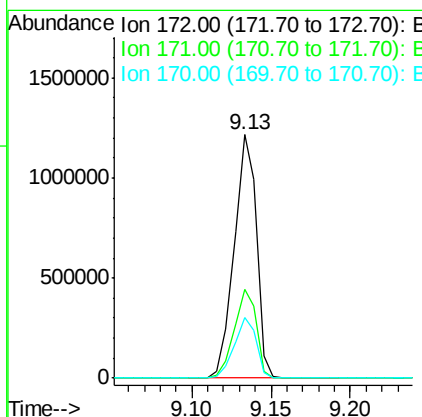
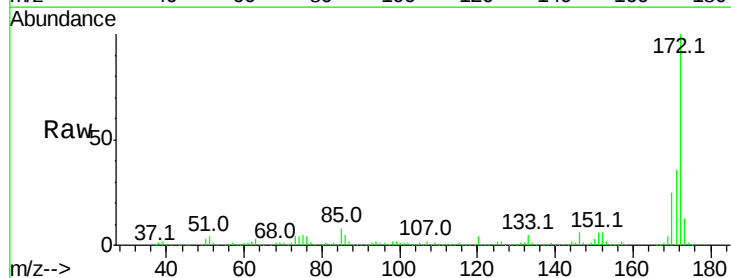
Instrument :
 BNA_F
 ClientSampleId :
 E2-J7-BASE

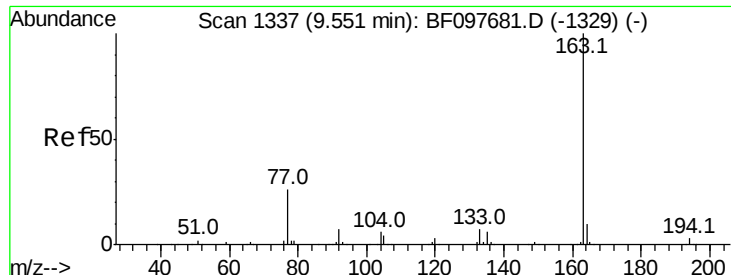
Tot Ion:330 Resp: 238834
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.027 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097861.D
 Acq: 19 Aug 2017 4:36

Tgt Ion:172 Resp: 1186615
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.6 19.8 29.8

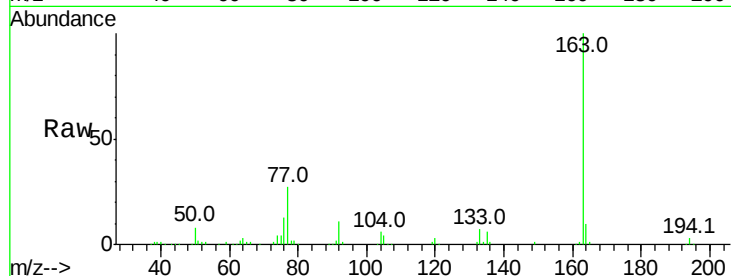




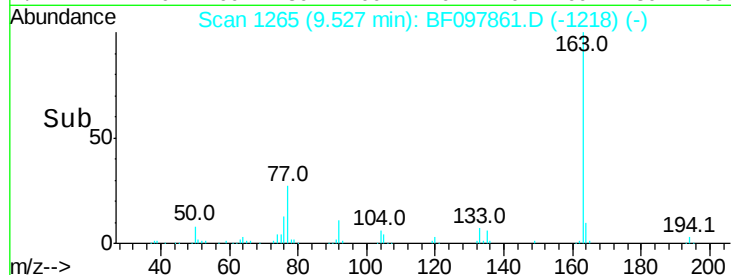
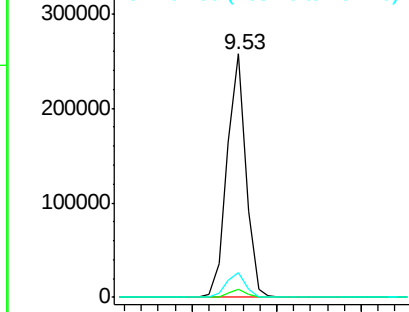
#49
Dimethylphthalate
Concen: 13.025 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Instrument :
BNA_F
ClientSampleId :
E2-J7-BASE

Tot Ion:163 Resp: 199922
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6

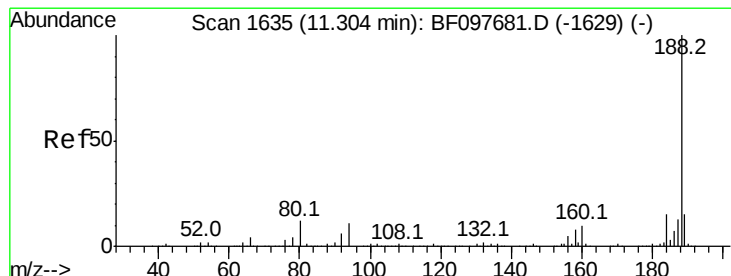


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

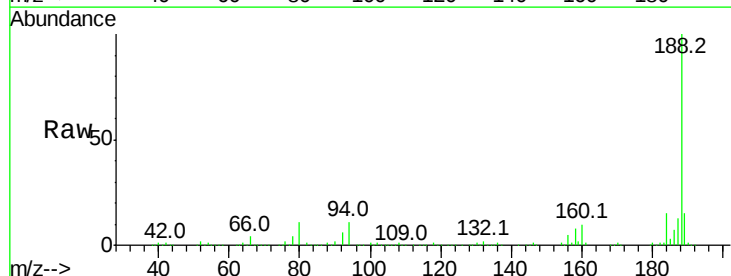
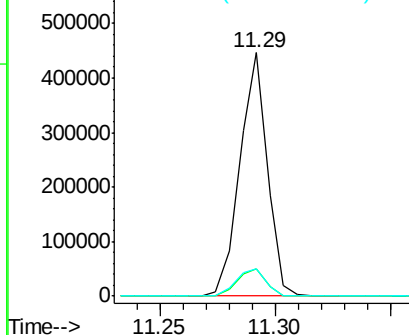


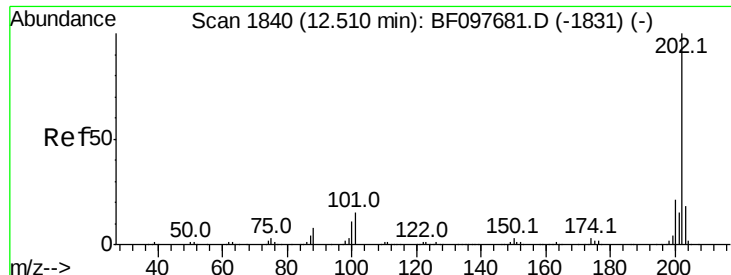
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion:188 Resp: 370685
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.3 10.2 15.2



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

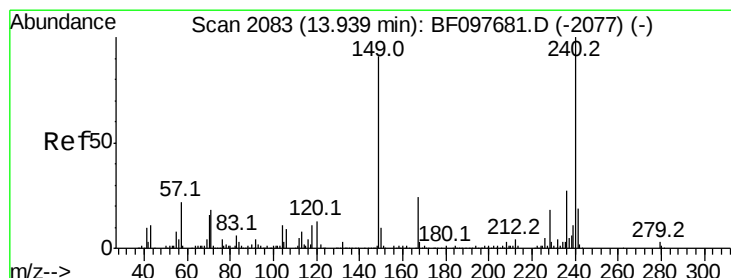
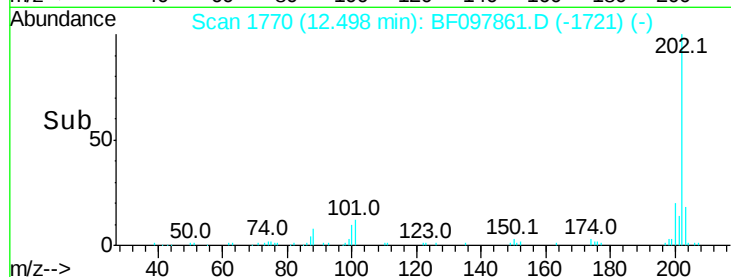
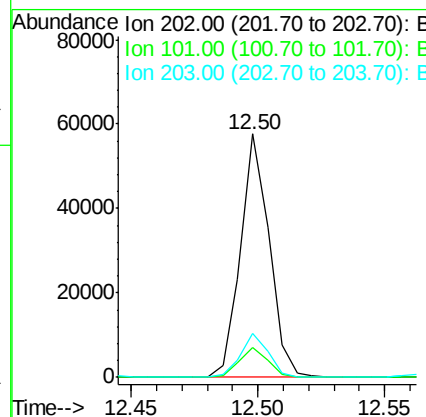
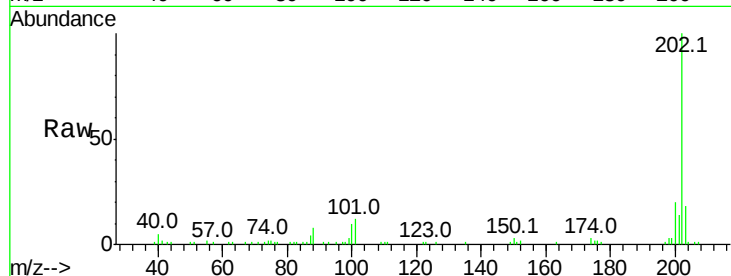




#74
Fluoranthene
Concen: 2.197 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

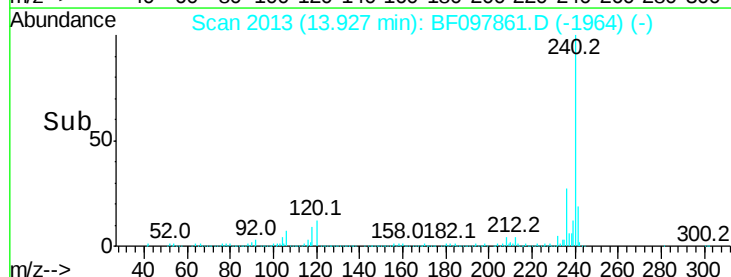
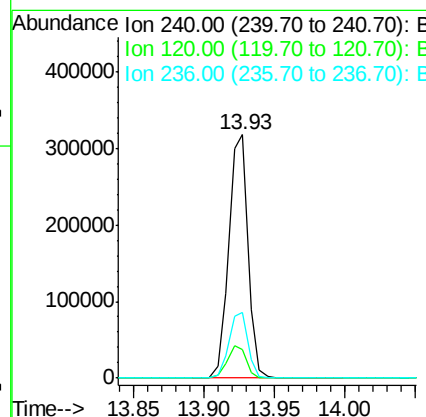
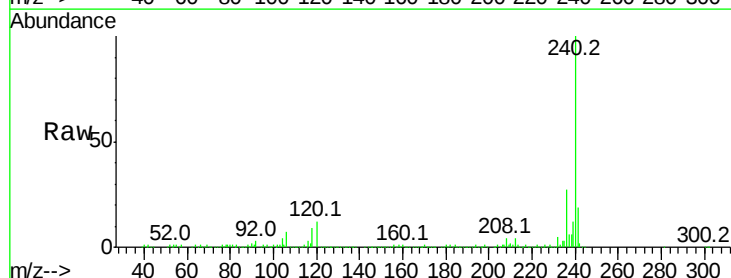
Instrument :
BNA_F
ClientSampleId :
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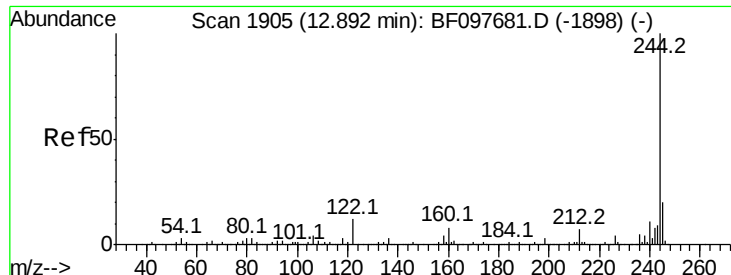
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.8	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097861.D
Acq: 19 Aug 2017 4:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.8	8.8#
236	26.8	20.5	30.7





#78

Terphenyl-d14

Concen: 60.502 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097681.D

Acq: 19 Aug 2017 4:36

Instrument :

BNA_F

ClientSampleId :

E2-J7-BASE

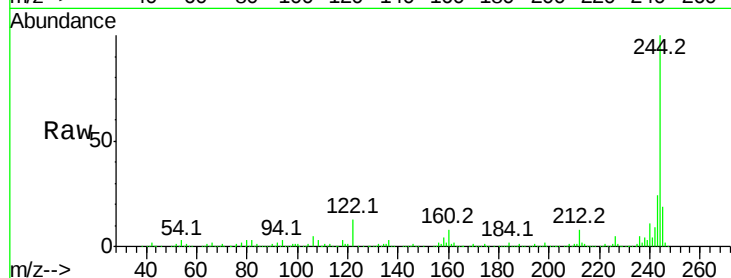
Tot Ion:244 Resp: 870909

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

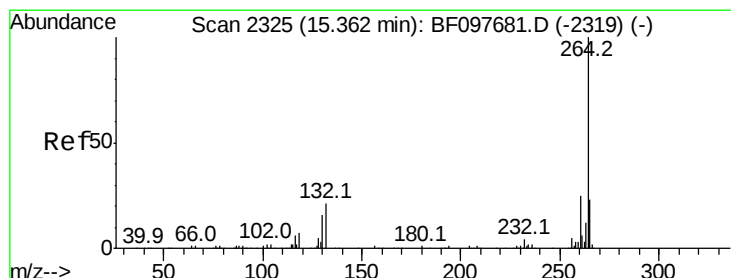
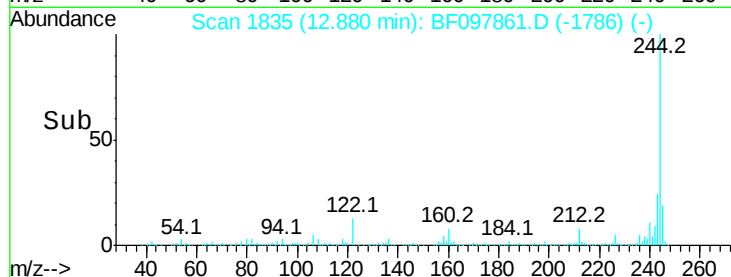
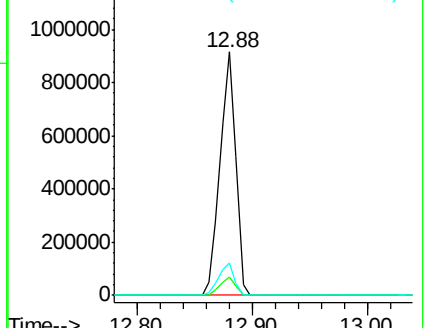
122 13.4 10.3 15.5



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097681.D

Acq: 19 Aug 2017 4:36

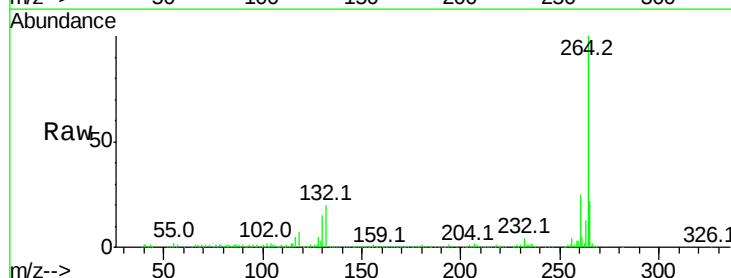
Tgt Ion:264 Resp: 257376

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.2 17.2 25.8



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

