

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092450.D
 Acq On : 25 Jan 2017 1:03
 Operator : UM/SJ
 Sample : I1351-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(0-15)

Quant Time: Jan 25 04:59:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

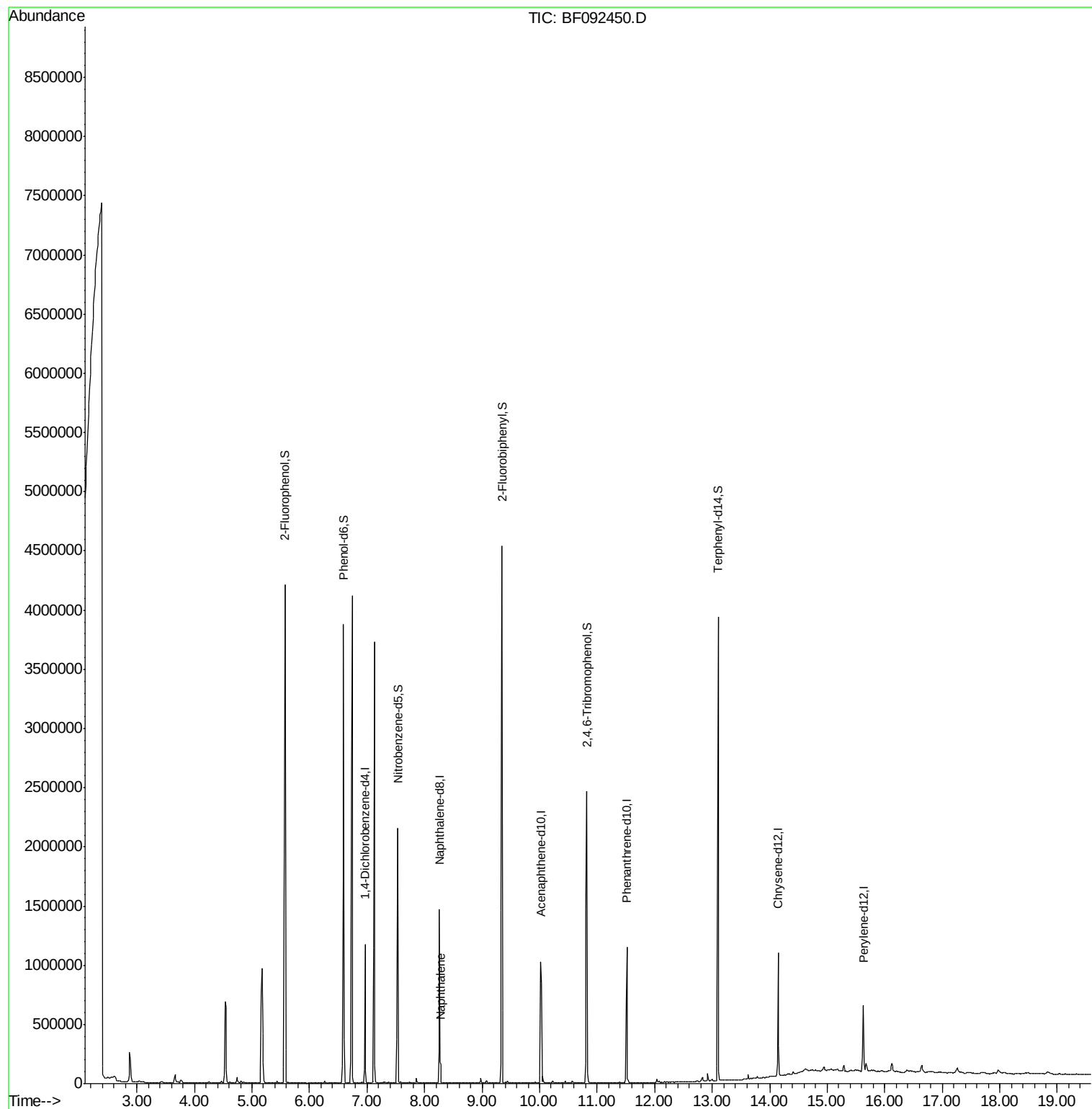
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151410	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	613204	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	312724	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	511032	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	343465	20.00	ng	-0.02
86) Perylene-d12	15.63	264	310021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1202976	123.61	ng	0.02
7) Phenol-d6	6.59	99	1437197	115.94	ng	0.00
23) Nitrobenzene-d5	7.54	82	1073022	95.59	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	313355	147.04	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1540624	91.10	ng	-0.01
78) Terphenyl-d14	13.11	244	1362817	105.66	ng	-0.01
Target Compounds						
31) Naphthalene	8.28	128	65446	2.09	ng	Qvalue 99

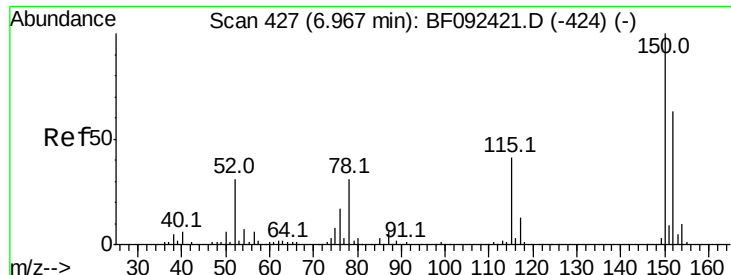
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

Instrument :

BNA_F

ClientSampleId :

CAS-WCS-011917(0-15)

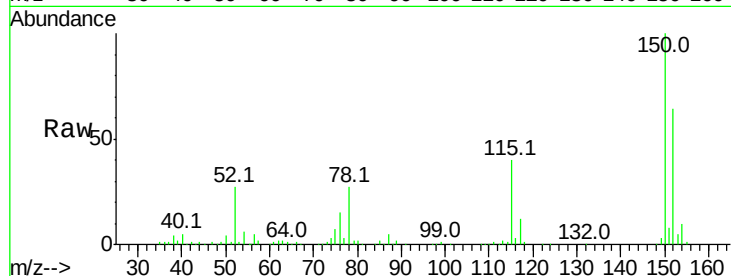
Tot Ion:152 Resp: 151410

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

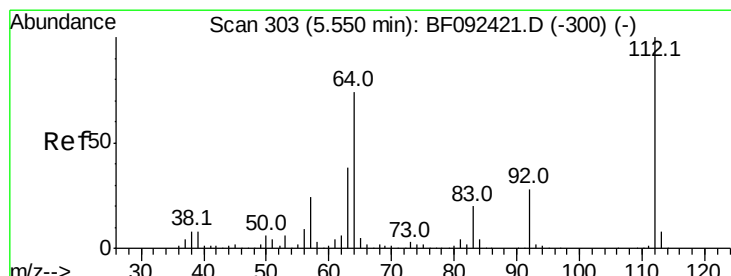
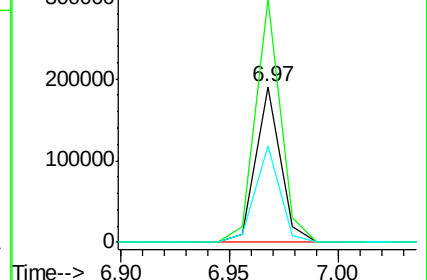
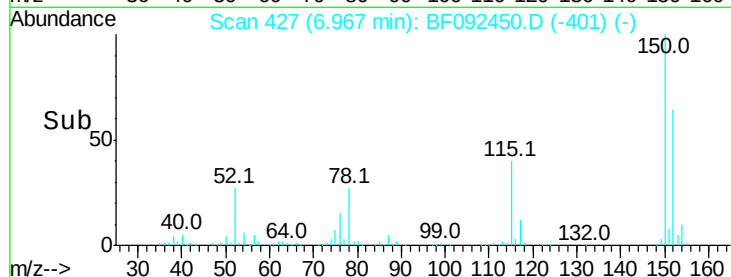
115 62.1 46.0 69.0



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: 123.61 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

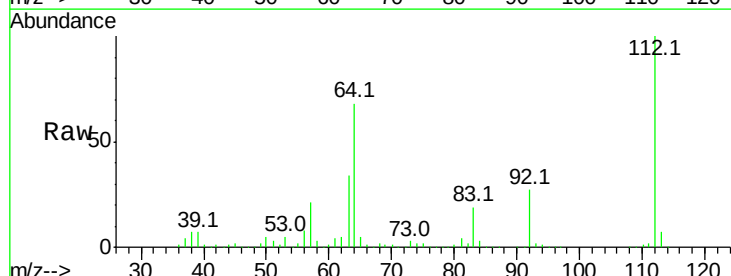
Tgt Ion:112 Resp: 1202976

Ion Ratio Lower Upper

112 100

64 68.2 46.1 69.1

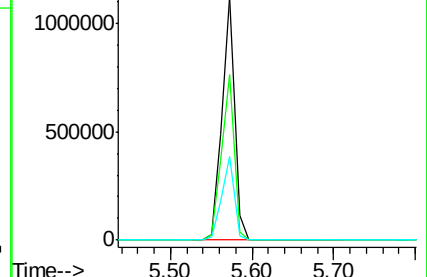
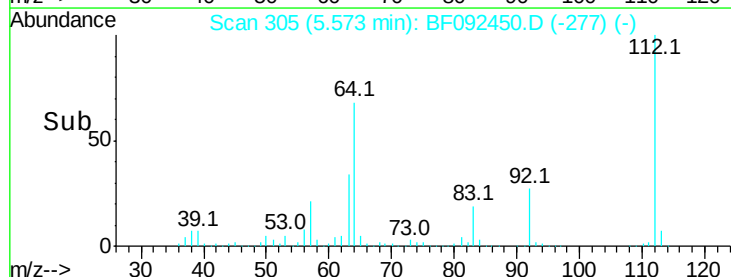
63 34.2 23.8 35.6

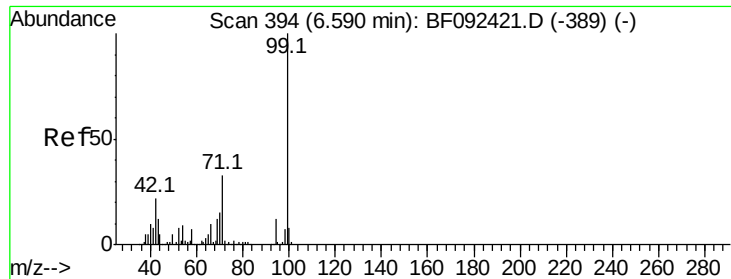


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.94 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

Instrument :

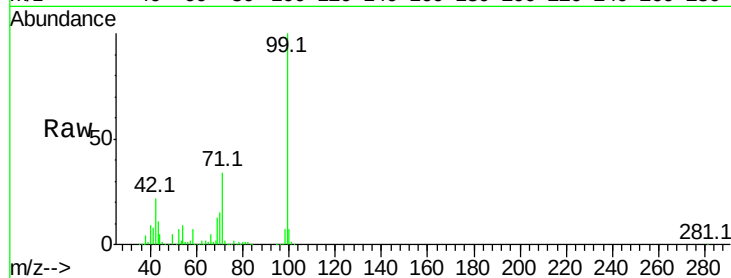
BNA_F

ClientSampleId :

CAS-WCS-011917(0-15)

Tot Ion: 99 Resp: 1437197

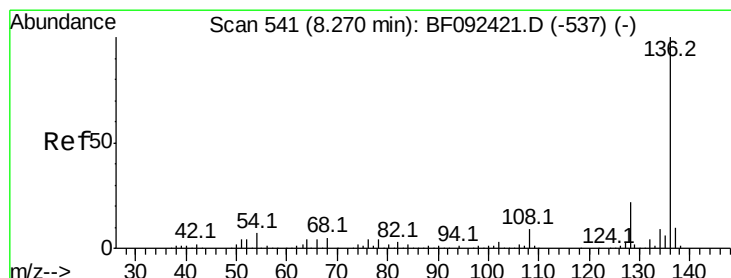
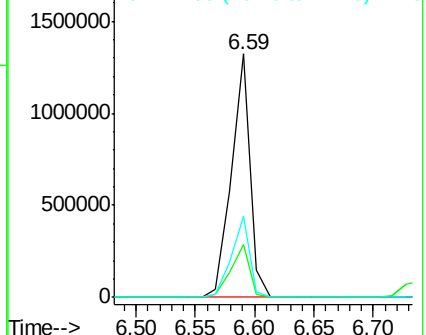
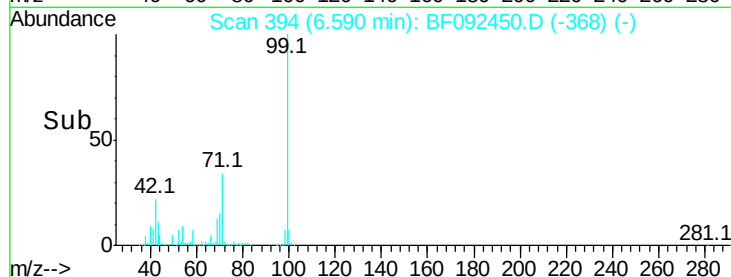
Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.5	27.5	41.3



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: 20.00 ng

RT: 8.26 min Scan# 540

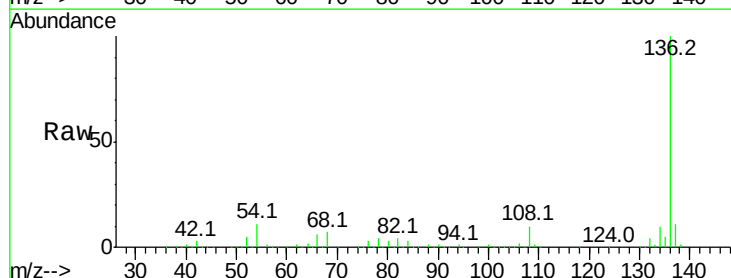
Delta R.T. -0.01 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

Tgt Ion: 136 Resp: 613204

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.6	4.5	6.7#
68	7.3	3.6	5.4#

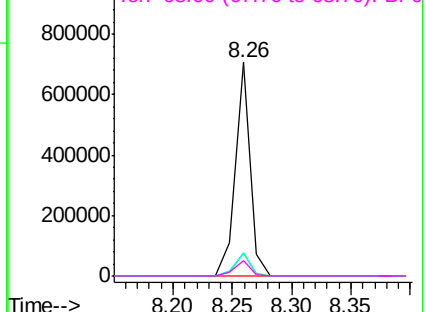
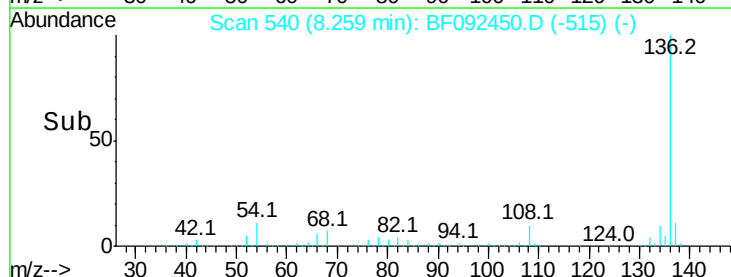


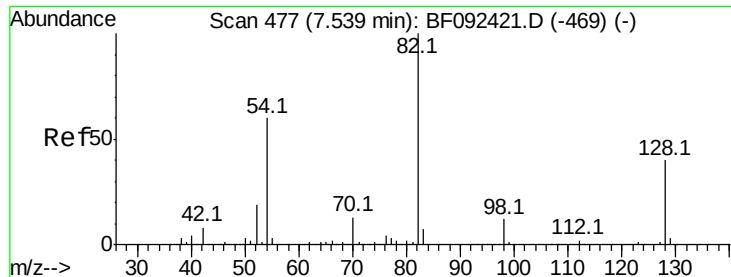
Abundance Ion 136.00 (135.70 to 136.70): E

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

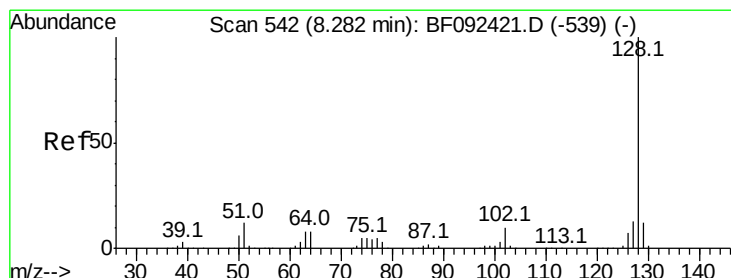
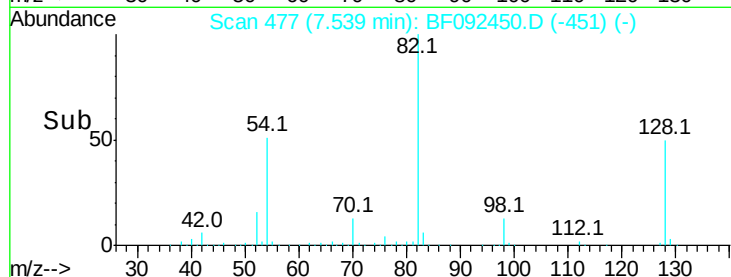
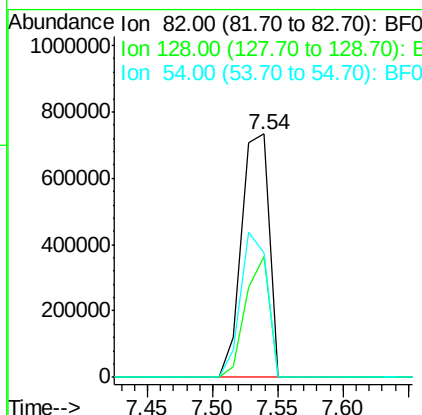
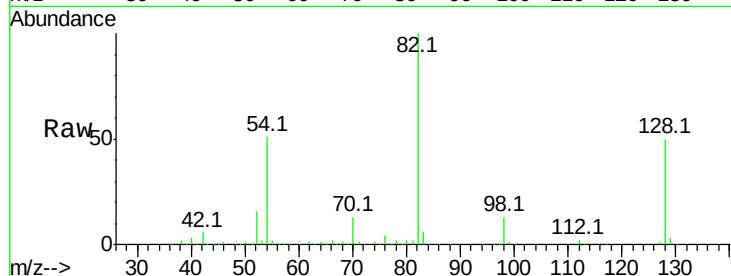




#23
Nitrobenzene-d5
Concen: 95.59 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092450.D
Acq: 25 Jan 2017 1:03

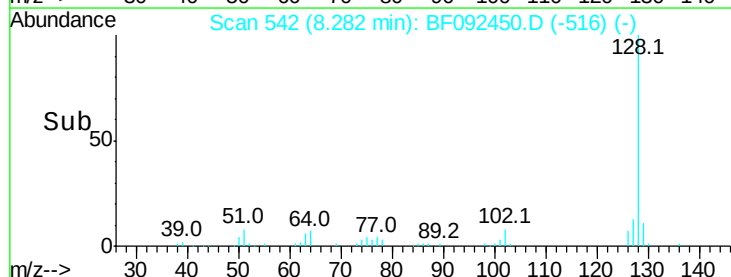
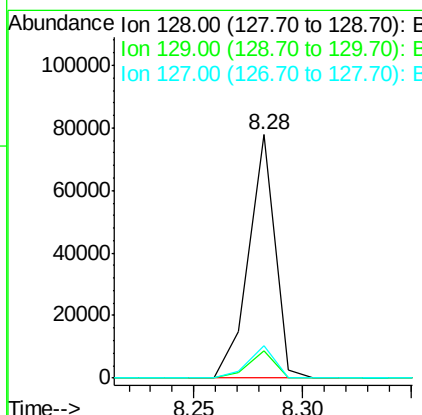
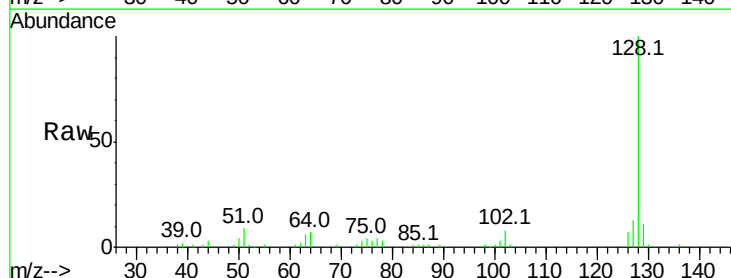
Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(0-15)

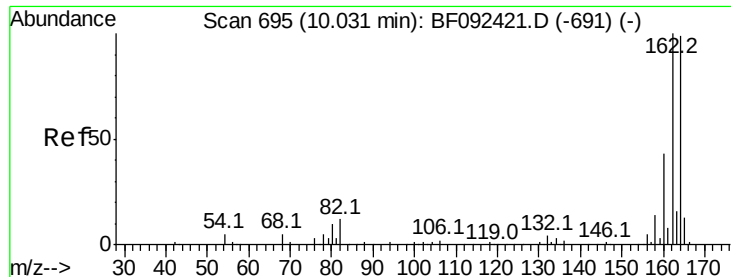
Tot Ion: 82 Resp: 1073022
Ion Ratio Lower Upper
82 100
128 49.5 34.6 52.0
54 51.1 39.5 59.3



#31
Naphthalene
Concen: 2.09 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092450.D
Acq: 25 Jan 2017 1:03

Tgt Ion: 128 Resp: 65446
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 10.8 16.2

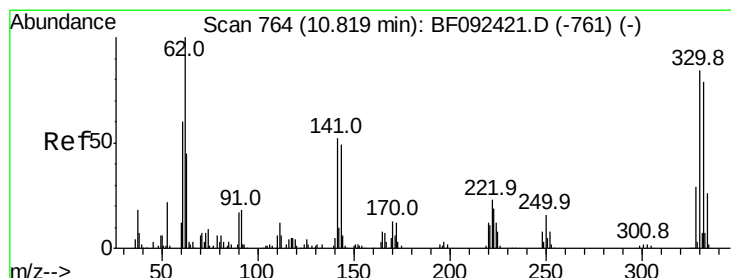
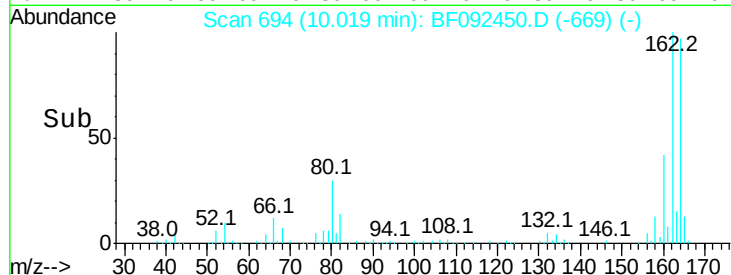
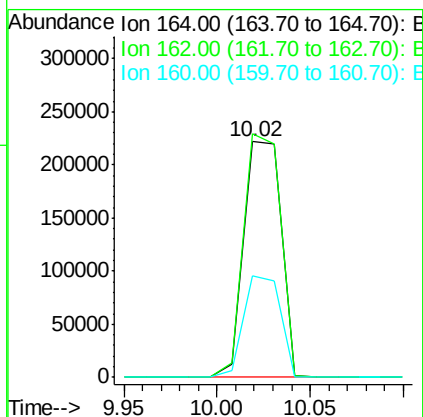
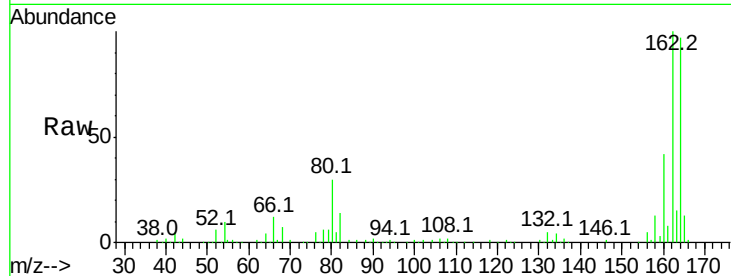




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092450.D
Acq: 25 Jan 2017 1:03

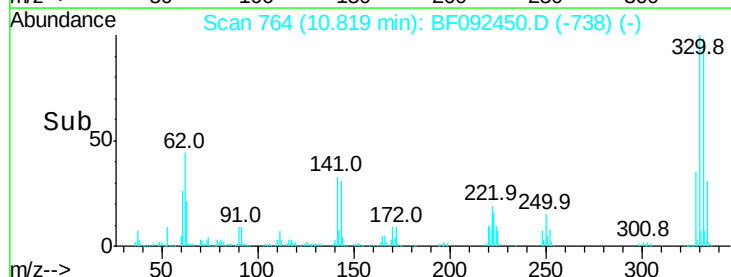
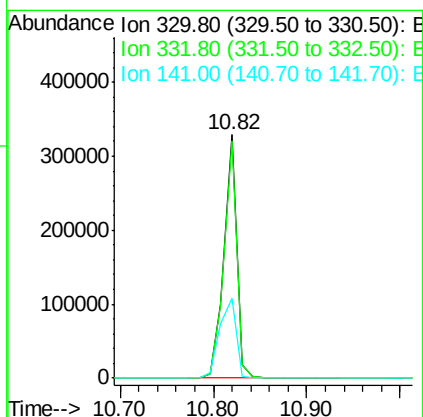
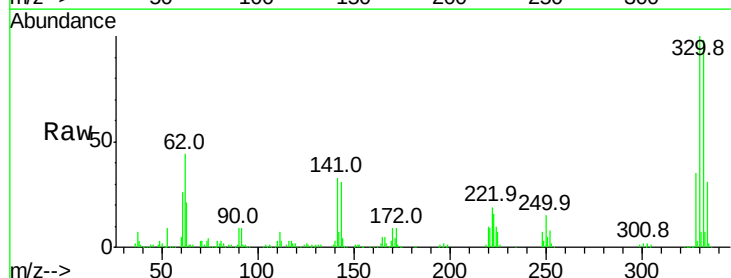
Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(0-15)

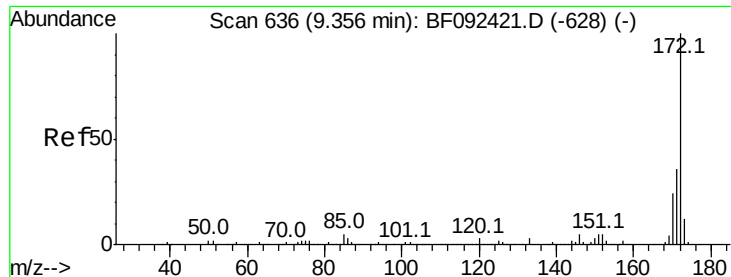
Tot Ion:164 Resp: 312724
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 43.0 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 147.04 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092450.D
Acq: 25 Jan 2017 1:03

Tgt Ion:330 Resp: 313355
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 41.9 34.1 51.1



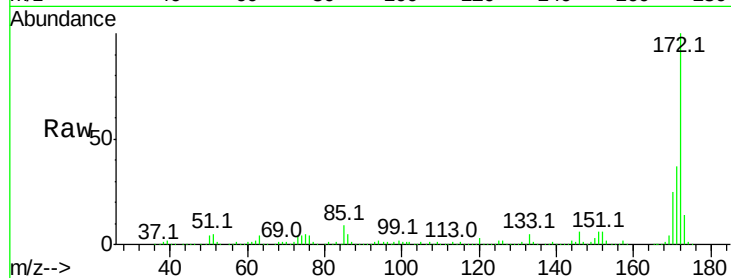


#44
 2-Fluorobiphenyl
 Concen: 91.10 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092450.D
 Acq: 25 Jan 2017 1:03

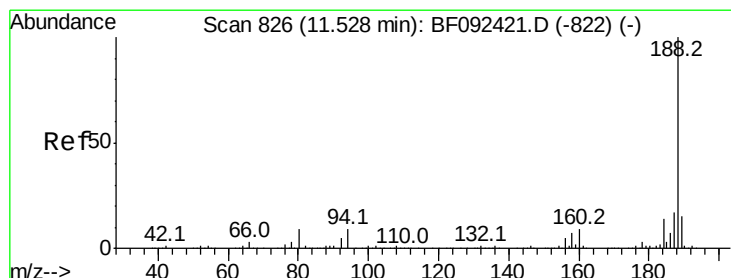
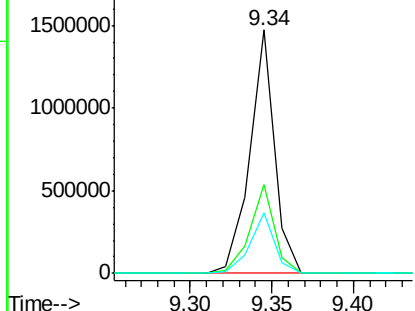
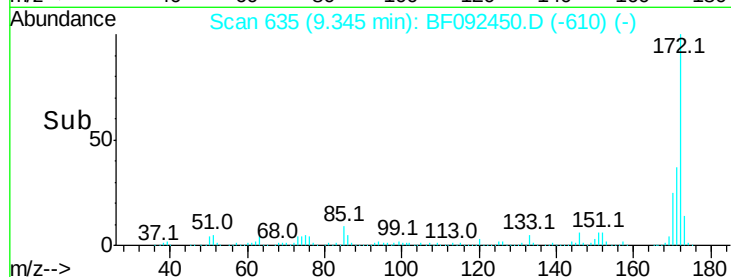
Instrument :
 BNA_F
 ClientSampleId :
 CAS-WCS-011917(0-15)

Tot Ion:172 Resp: 1540624

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.9	20.2	30.4



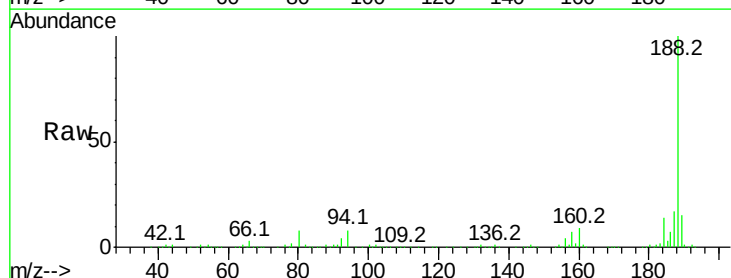
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



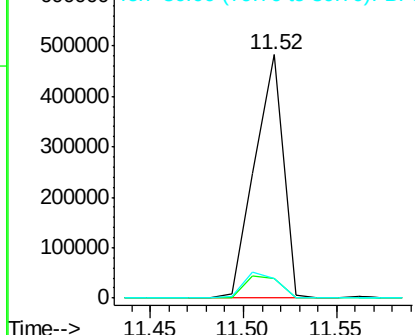
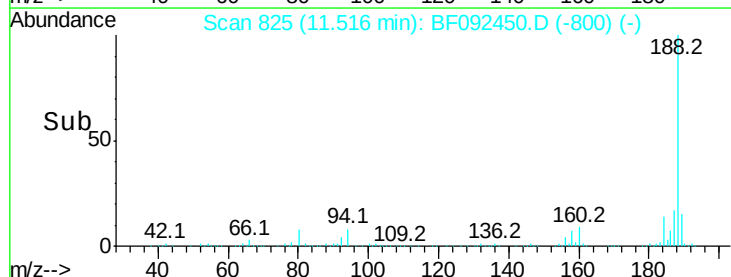
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092450.D
 Acq: 25 Jan 2017 1:03

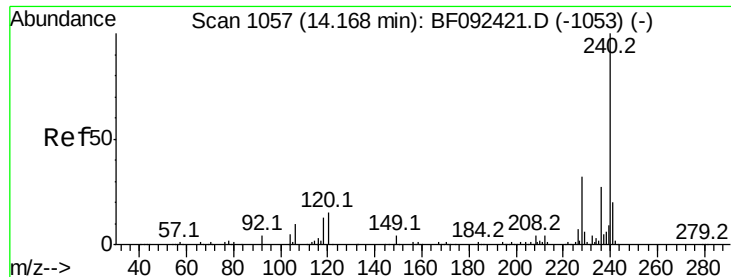
Tgt Ion:188 Resp: 511032

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	8.0	11.2	16.8#



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: 20.00 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

Instrument :

BNA_F

ClientSampleId :

CAS-WCS-011917(0-15)

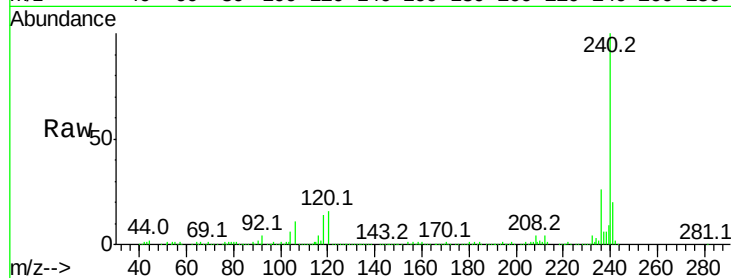
Tot Ion:240 Resp: 343465

Ion Ratio Lower Upper

240 100

120 15.6 12.9 19.3

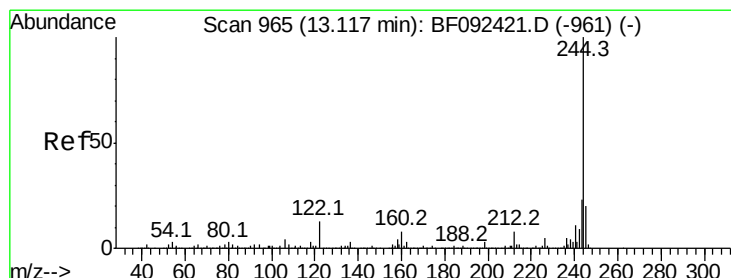
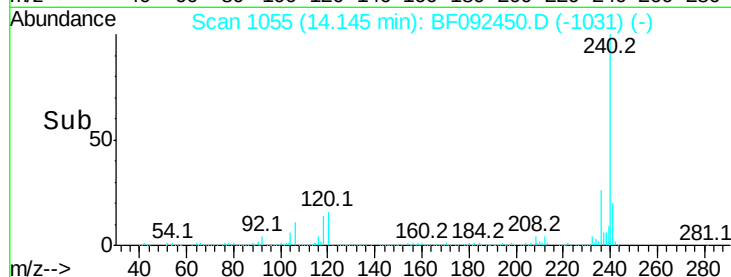
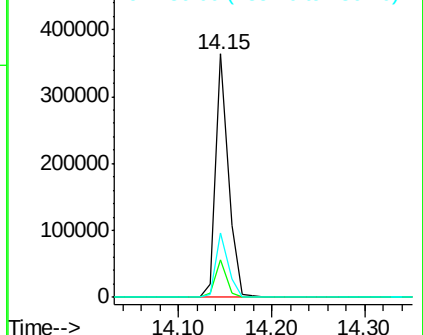
236 26.5 20.9 31.3



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: 105.66 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092450.D

Acq: 25 Jan 2017 1:03

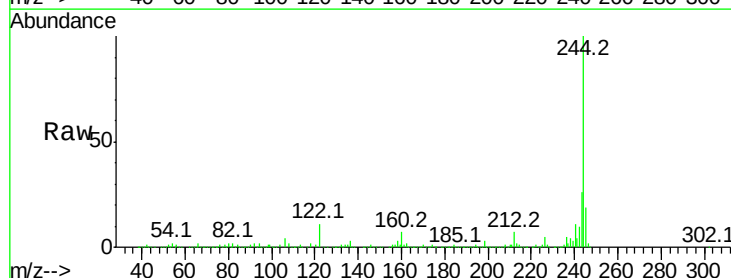
Tgt Ion:244 Resp: 1362817

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

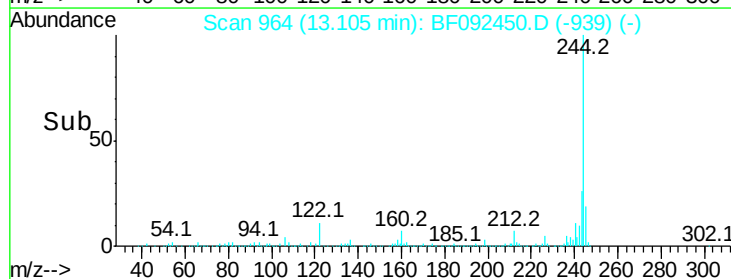
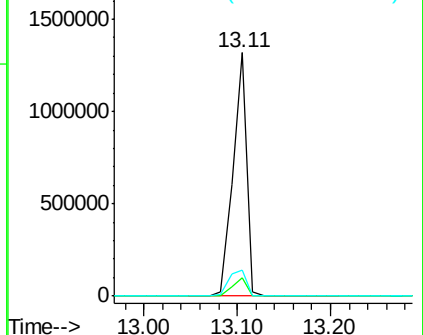
122 10.7 11.4 17.2#

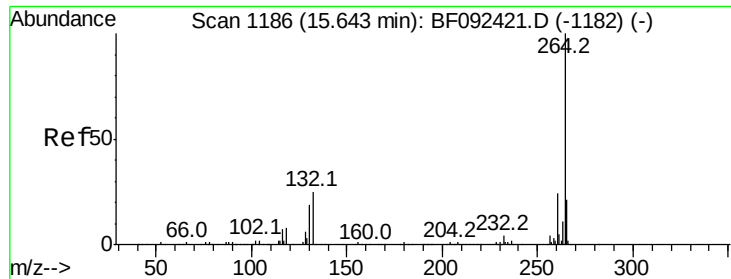


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092450.D
Acq: 25 Jan 2017 1:03

Instrument :
BNA_F
ClientSampleId :
CAS-WCS-011917(0-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.4	26.0

