

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092541.D
 Acq On : 26 Jan 2017 22:48
 Operator : SJ/MA
 Sample : I1448-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012417-1(0-4)

Quant Time: Jan 27 02:09:16 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

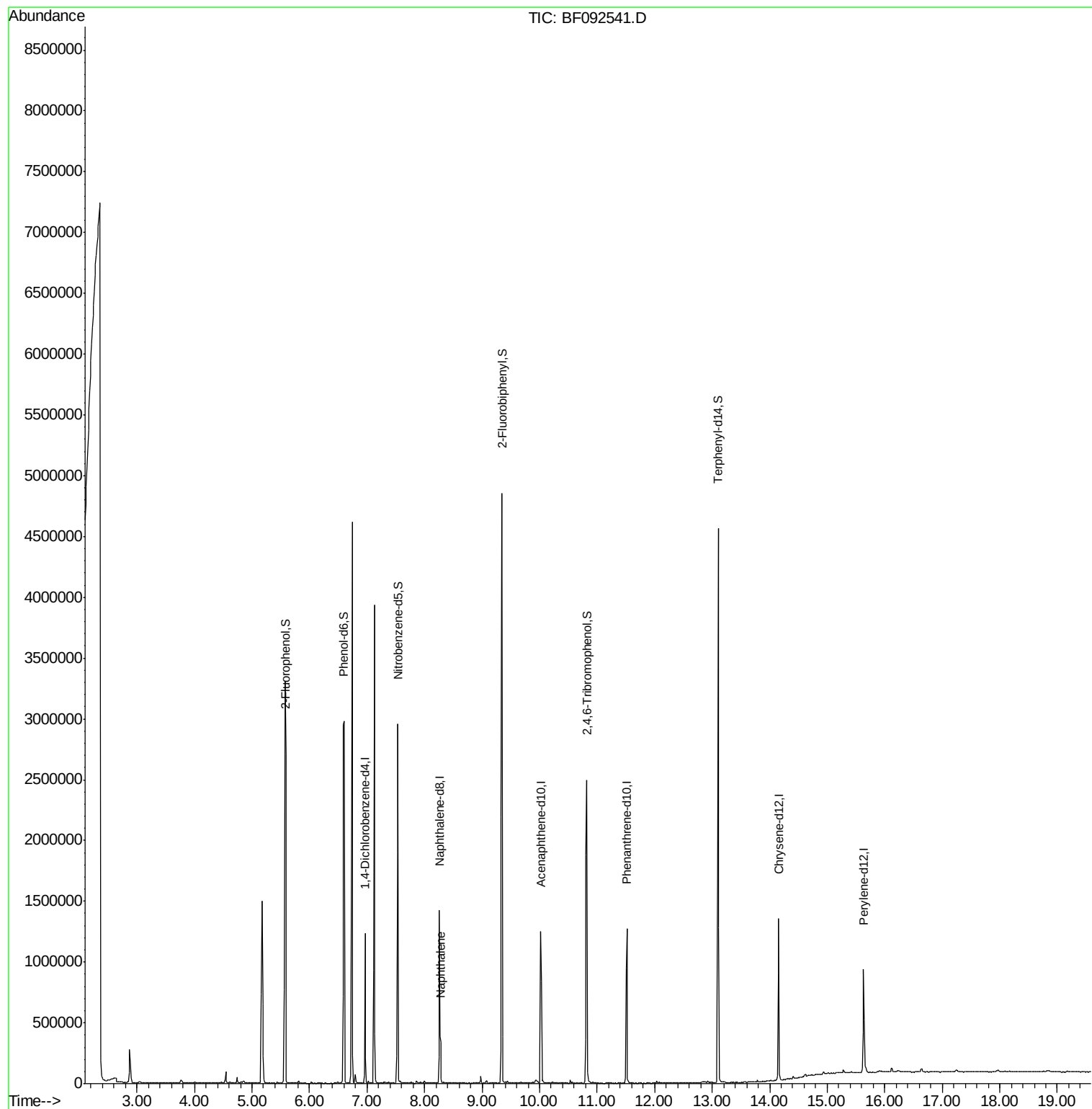
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166692	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	660197	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	369725	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	633599	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	587865	20.00	ng	-0.01
86) Perylene-d12	15.63	264	428662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1337422	124.83	ng	0.03
7) Phenol-d6	6.60	99	1642084	120.32	ng	0.01
23) Nitrobenzene-d5	7.54	82	1188343	98.32	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	390464	154.98	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1777715	88.91	ng	-0.01
78) Terphenyl-d14	13.11	244	1733727	78.53	ng	-0.01
Target Compounds						
31) Naphthalene	8.28	128	134566	3.98	ng	Qvalue 98

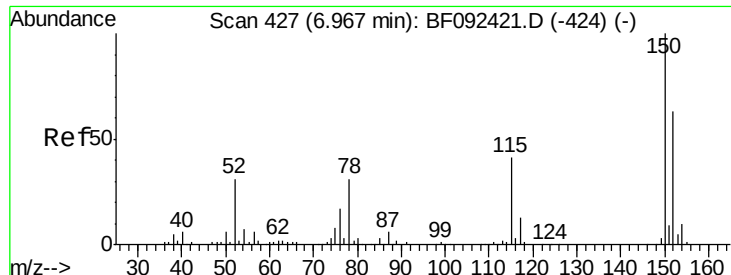
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092541.D

Acq: 26 Jan 2017 22:48

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012417-1(0-4)

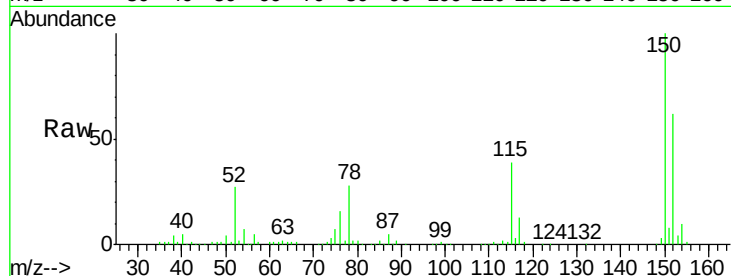
Tot Ion:152 Resp: 166692

Ion Ratio Lower Upper

152 100

150 160.8 124.9 187.3

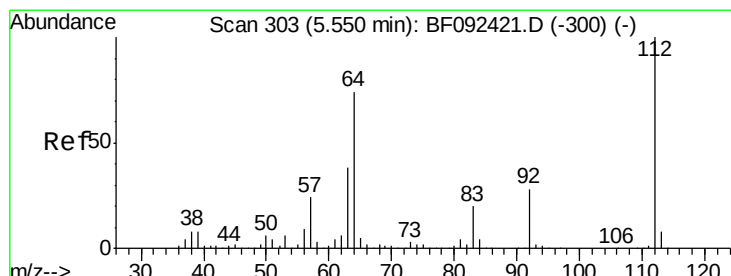
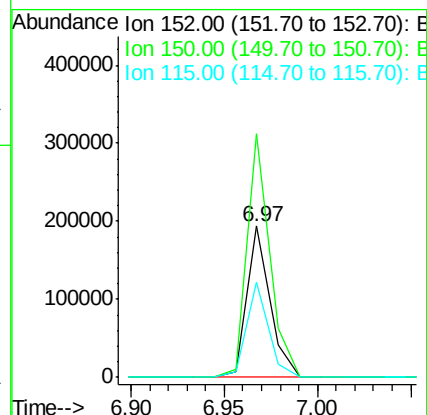
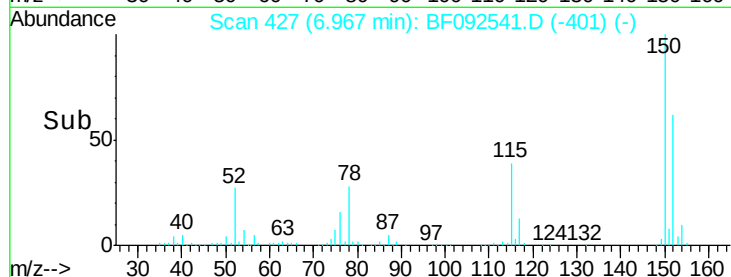
115 63.1 46.0 69.0



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: 124.83 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092541.D

Acq: 26 Jan 2017 22:48

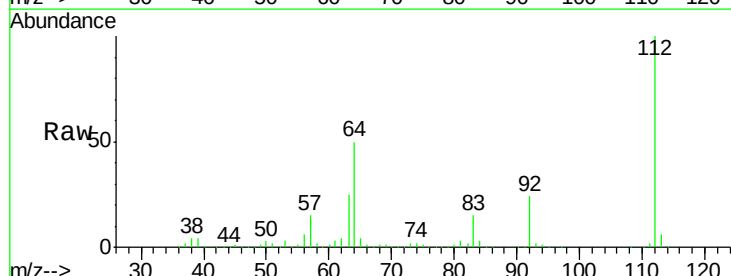
Tgt Ion:112 Resp: 1337422

Ion Ratio Lower Upper

112 100

64 49.5 46.1 69.1

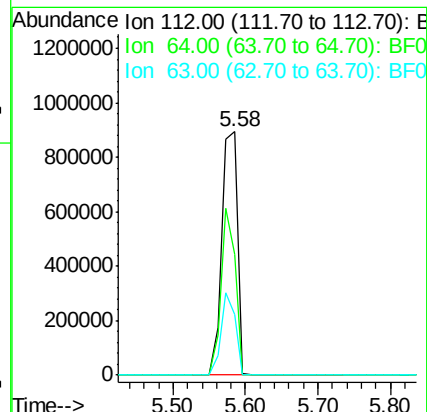
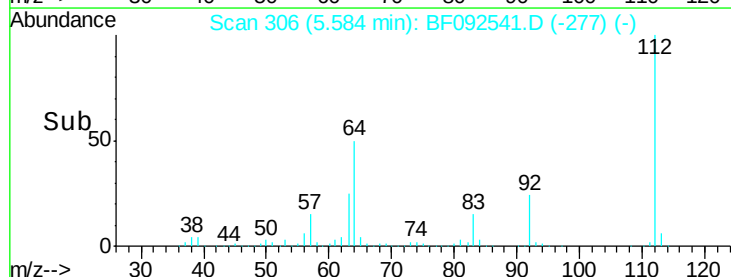
63 24.7 23.8 35.6

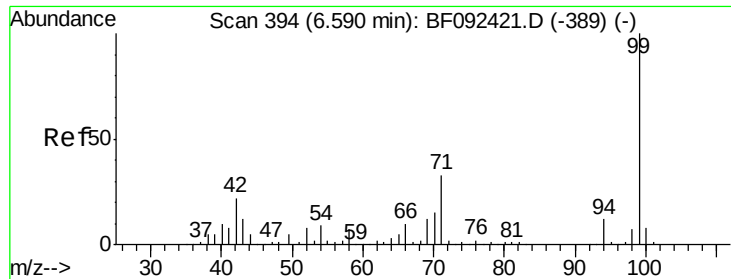


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.32 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092541.D

Acq: 26 Jan 2017 22:48

Instrument :

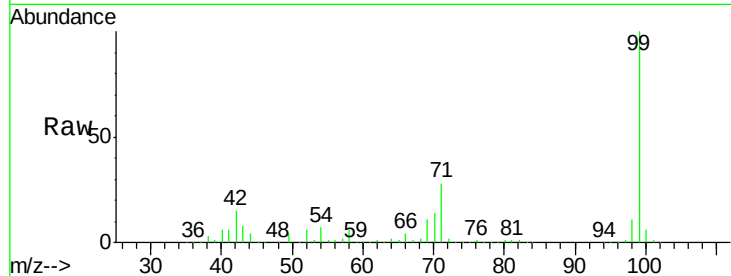
BNA_F

ClientSampleId :

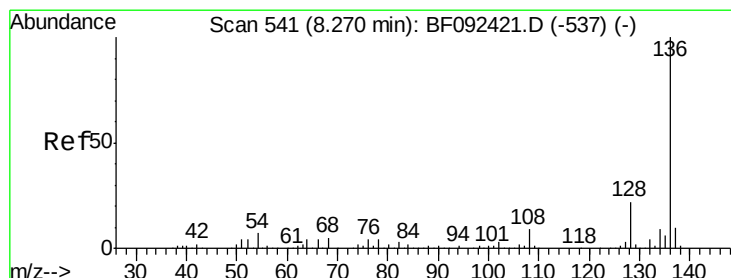
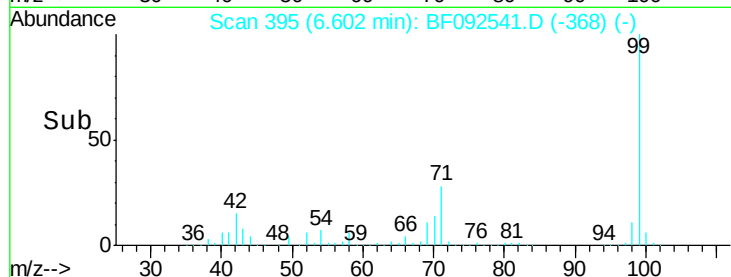
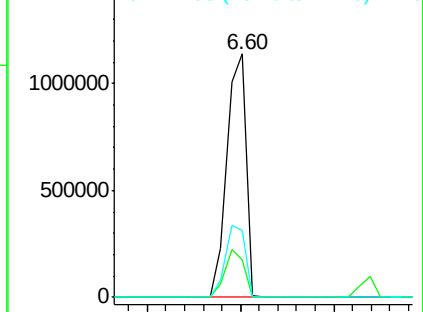
CHA-WCS-012417-1(0-4)

Tot Ion: 99 Resp: 1642084

Ion	Ratio	Lower	Upper
99	100		
42	15.3	15.6	23.4#
71	27.7	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

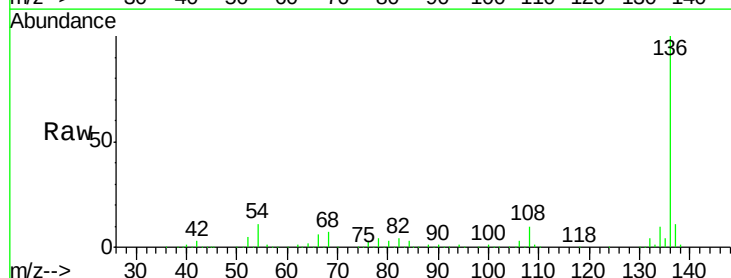
Delta R.T. -0.01 min

Lab File: BF092541.D

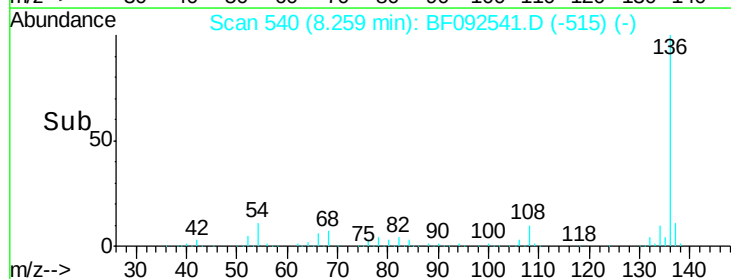
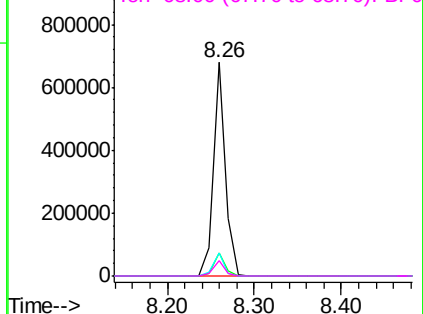
Acq: 26 Jan 2017 22:48

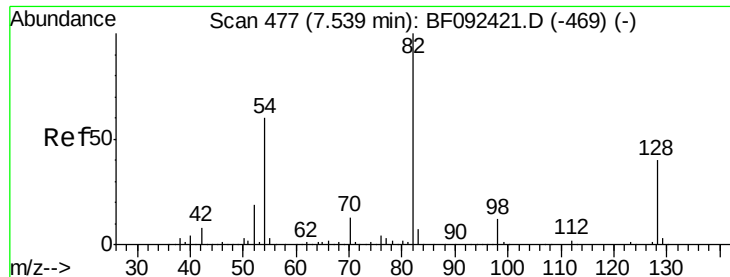
Tgt Ion: 136 Resp: 660197

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	4.5	6.7#
68	7.4	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

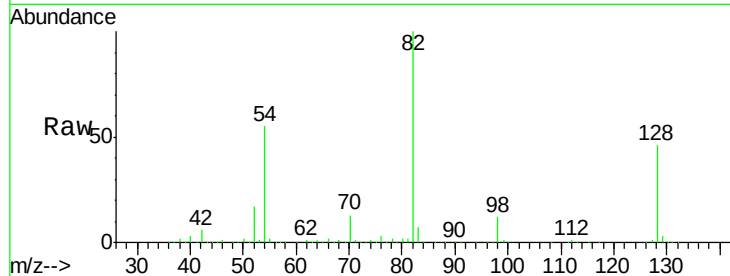




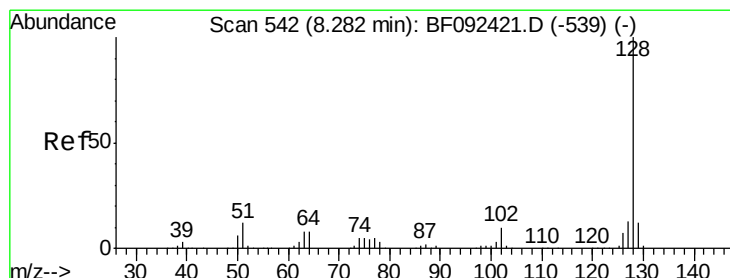
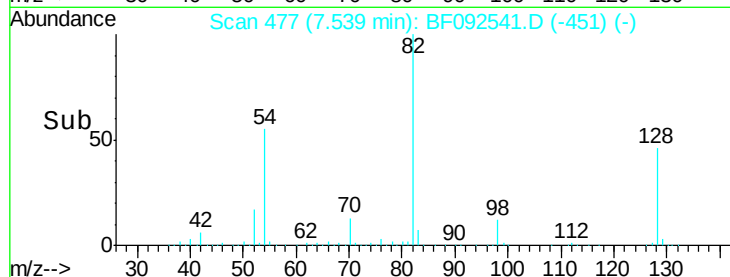
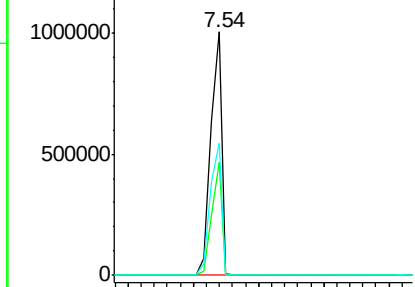
#23
Nitrobenzene-d5
Concen: 98.32 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092541.D
Acq: 26 Jan 2017 22:48

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012417-1(0-4)

Tot Ion: 82 Resp: 1188343
Ion Ratio Lower Upper
82 100
128 46.4 34.6 52.0
54 54.6 39.5 59.3

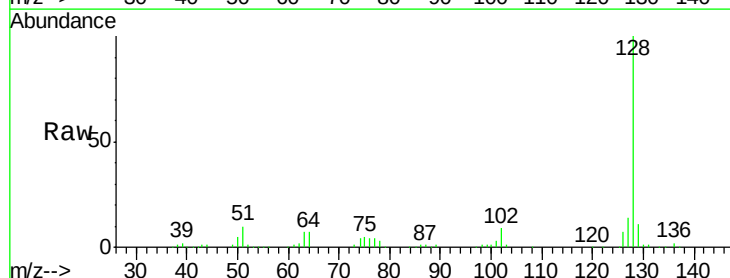


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

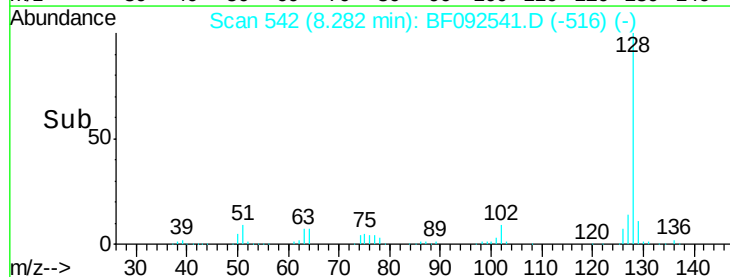
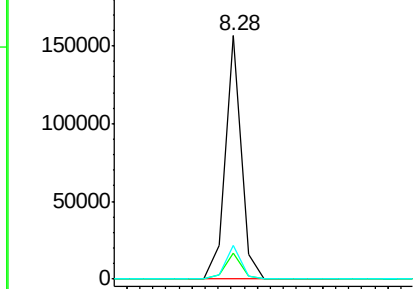


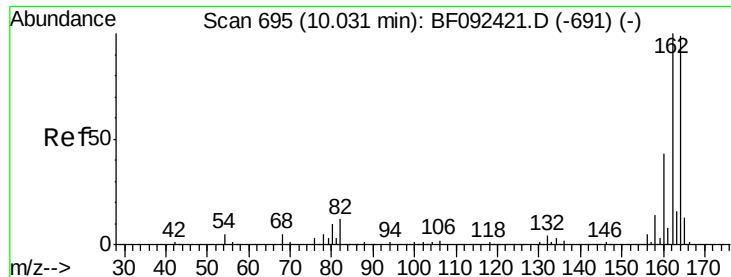
#31
Naphthalene
Concen: 3.98 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092541.D
Acq: 26 Jan 2017 22:48

Tgt Ion: 128 Resp: 134566
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

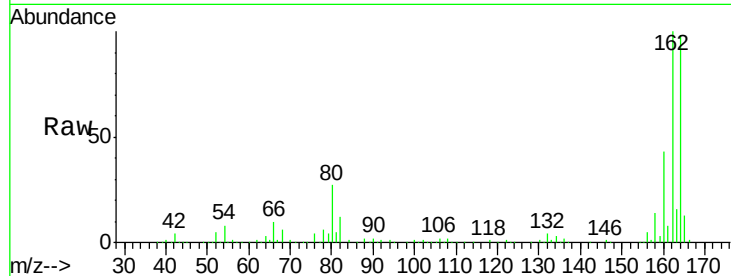




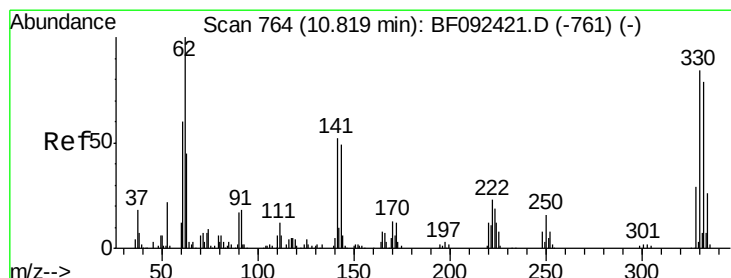
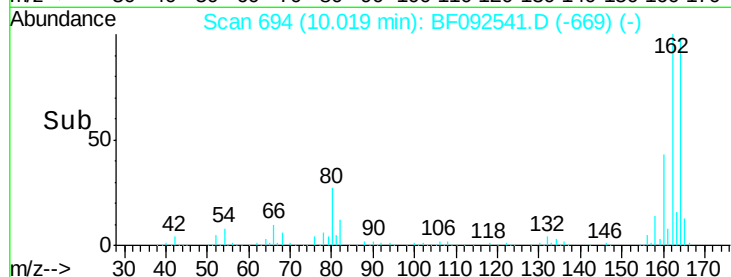
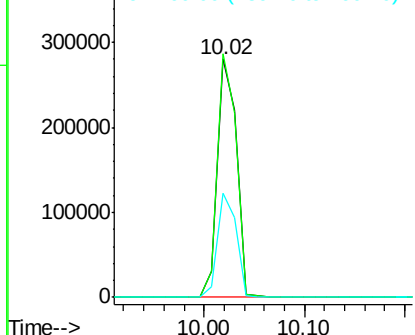
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092541.D
Acq: 26 Jan 2017 22:48

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012417-1(0-4)

Tot Ion:164 Resp: 369725
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 43.5 36.9 55.3

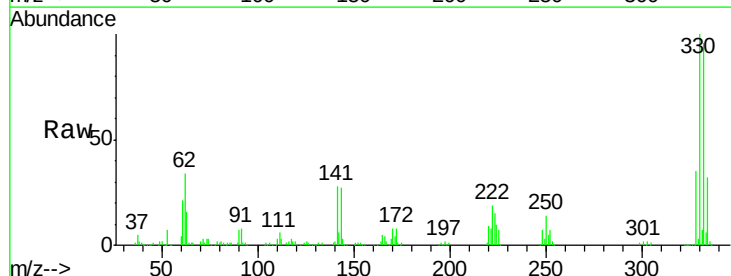


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

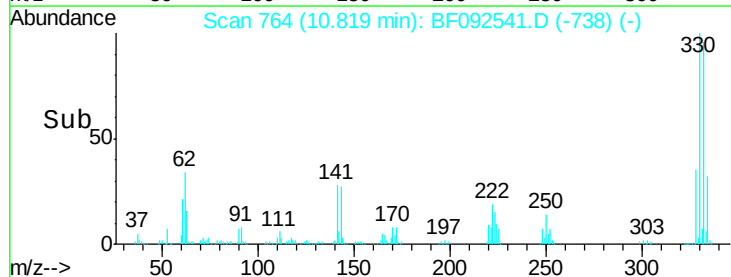
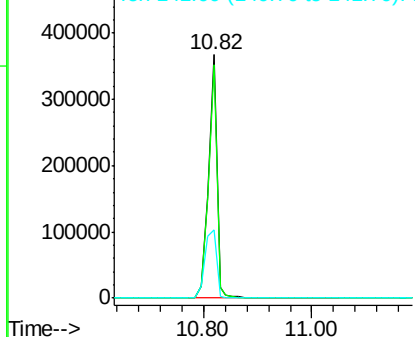


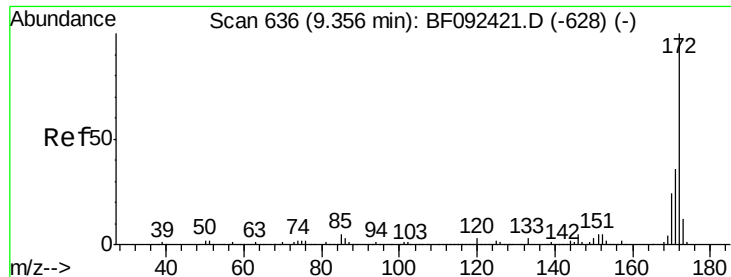
#41
2,4,6-Tribromophenol
Concen: 154.98 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092541.D
Acq: 26 Jan 2017 22:48

Tgt Ion:330 Resp: 390464
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 38.7 34.1 51.1



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



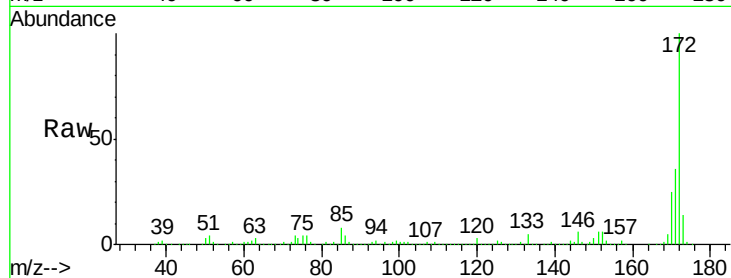


#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092541.D
 Acq: 26 Jan 2017 22:48

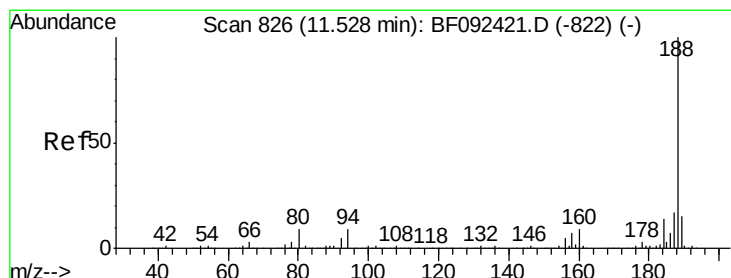
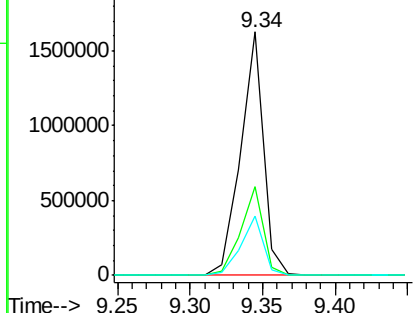
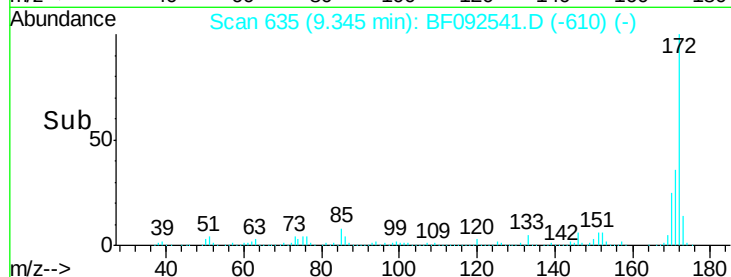
Instrument :
 BNA_F
 ClientSampleId :
 CHA-WCS-012417-1(0-4)

Tot Ion:172 Resp: 1777715

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	20.2	30.4



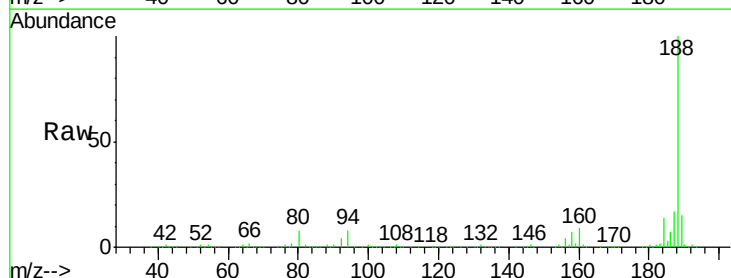
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



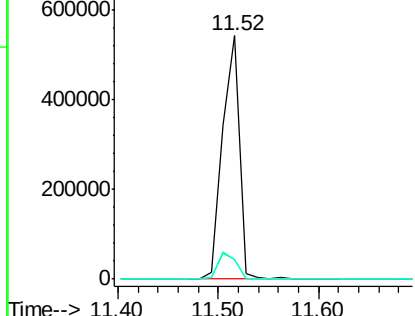
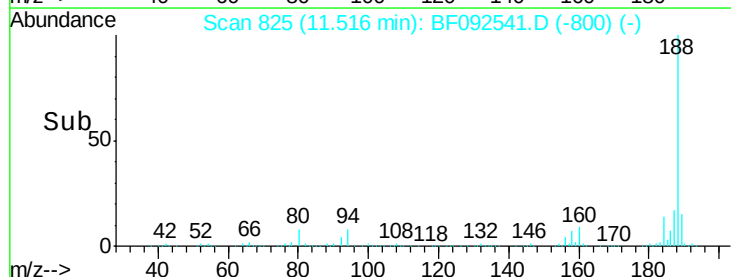
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092541.D
 Acq: 26 Jan 2017 22:48

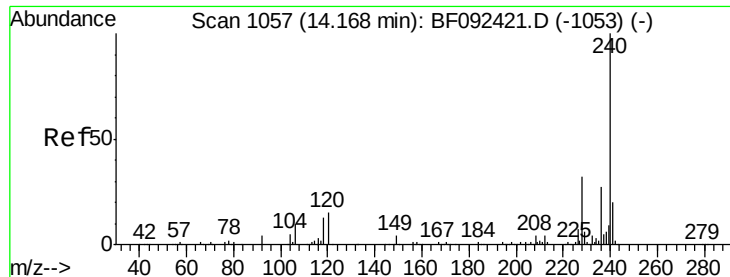
Tgt Ion:188 Resp: 633599

Ion	Ratio	Lower	Upper
188	100		
94	7.9	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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092541.D

Acq: 26 Jan 2017 22:48

Instrument :

BNA_F

ClientSampleId :

CHA-WCS-012417-1(0-4)

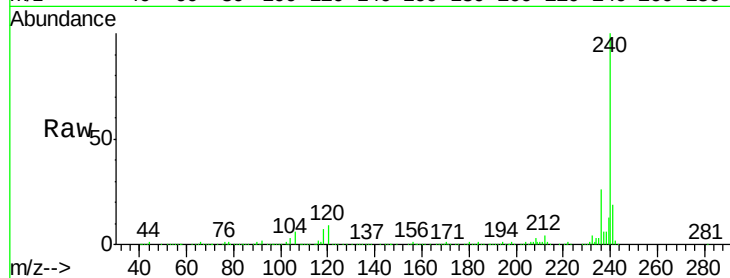
Tot Ion:240 Resp: 587865

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

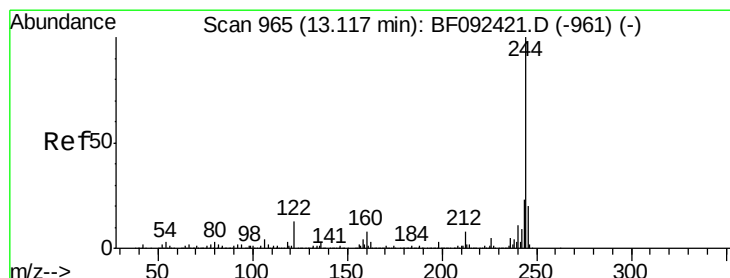
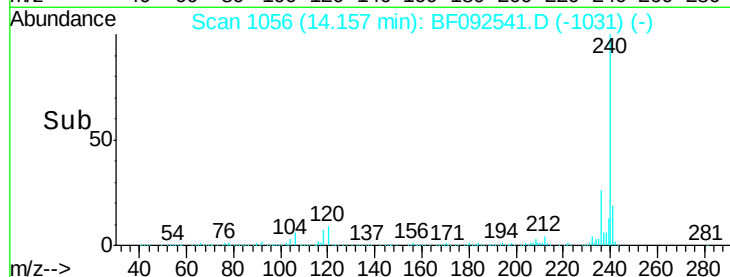
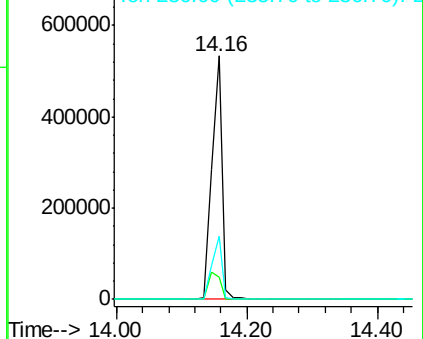
236 25.9 20.9 31.3



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: 78.53 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092541.D

Acq: 26 Jan 2017 22:48

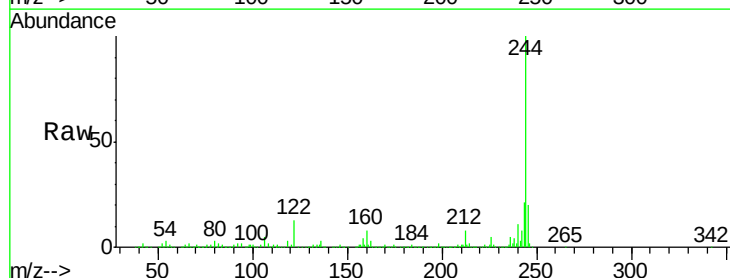
Tgt Ion:244 Resp: 1733727

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

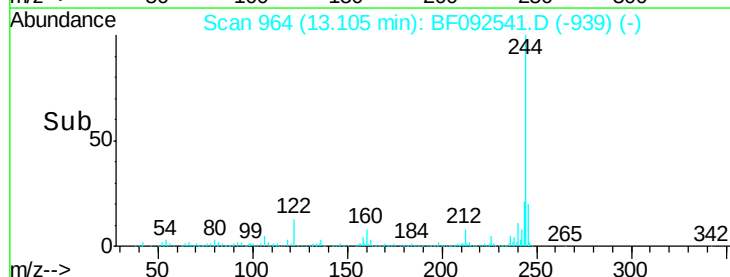
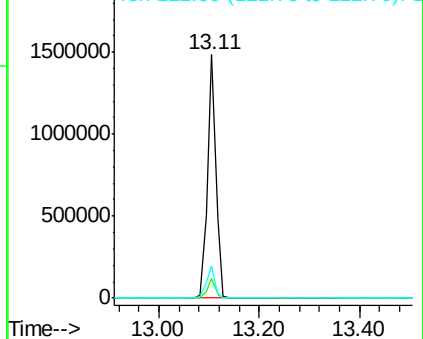
122 13.2 11.4 17.2

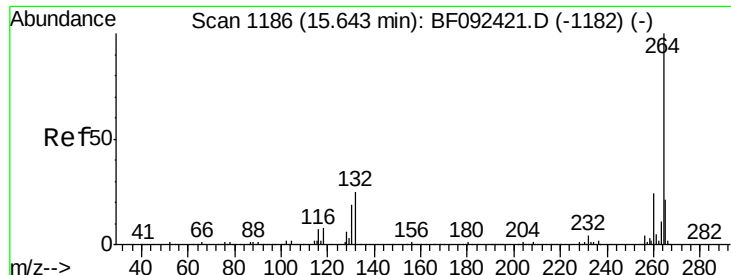


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092541.D
Acq: 26 Jan 2017 22:48

Instrument :
BNA_F
ClientSampleId :
CHA-WCS-012417-1(0-4)

Tot Ion:	264	Resp:	428662
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.4	26.0

