

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092590.D
 Acq On : 27 Jan 2017 21:54
 Operator : SJ/MA
 Sample : I1448-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4

Quant Time: Jan 27 22:30:10 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

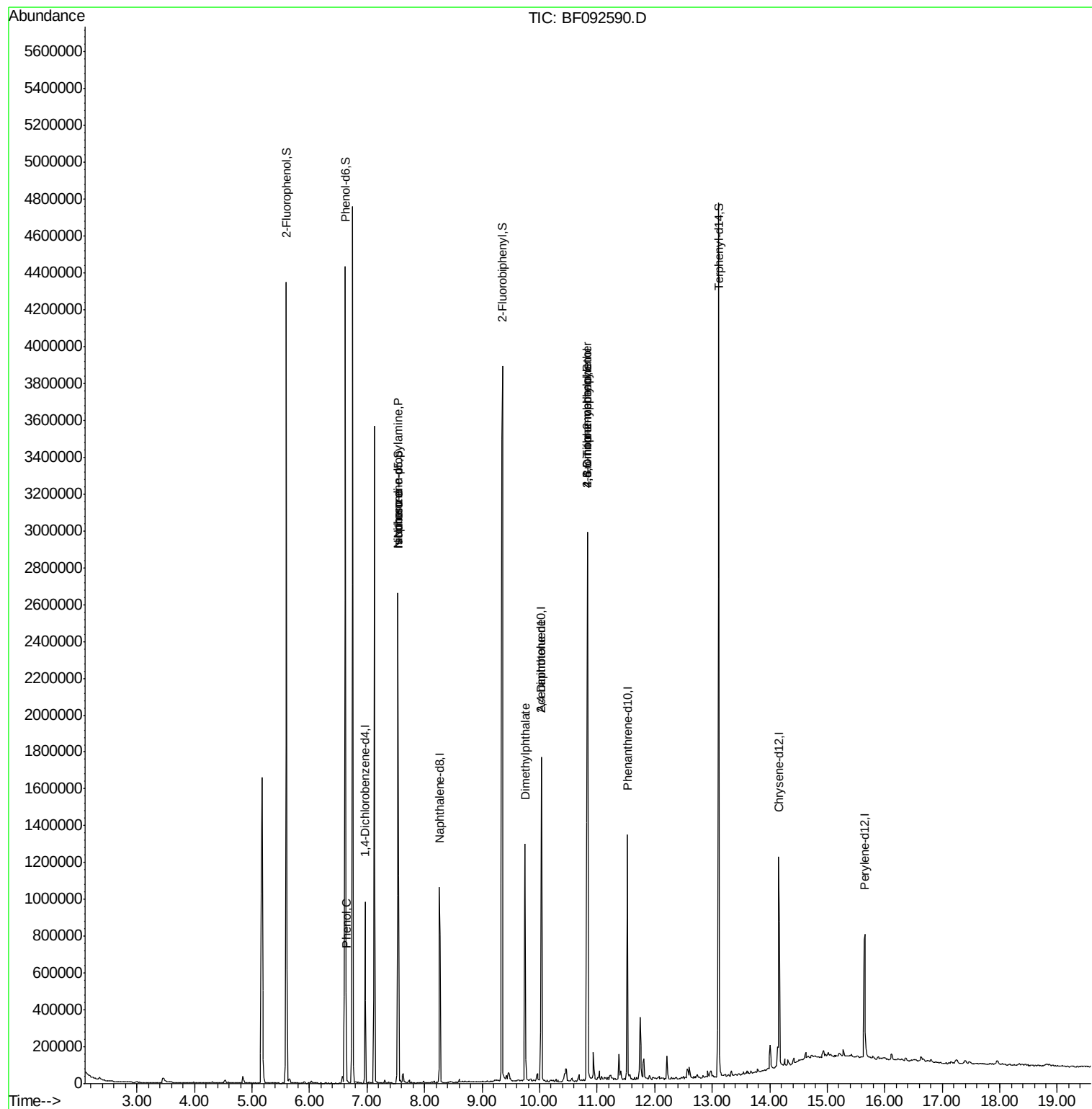
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160305	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663338	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	386751	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	667996	20.00	ng	0.00
75) Chrysene-d12	14.16	240	511938	20.00	ng	-0.01
86) Perylene-d12	15.65	264	389025	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1309273	127.07	ng	0.05
7) Phenol-d6	6.62	99	1791989	136.54	ng	0.03
23) Nitrobenzene-d5	7.54	82	1124566	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	373787	141.83	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2036471	97.37	ng	0.00
78) Terphenyl-d14	13.12	244	1746724	90.86	ng	0.00
Target Compounds						
10) Phenol	6.64	94	112151	7.08	ng	# 64
19) n-Nitroso-di-n-propylamine	7.54	70	147202	16.47	ng	# 83
25) Isophorone	7.54	82	1109661	46.37	ng	# 65
49) Dimethylphthalate	9.74	163	509262	20.71	ng	99
56) 2,4-Dinitrotoluene	10.03	165	50321	7.54	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.83	198	1001	5.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	29661	4.40	ng	# 1

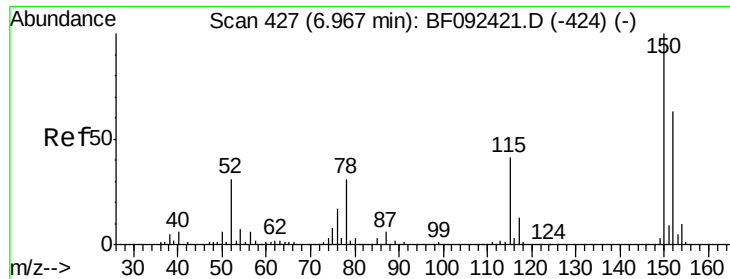
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092590.D
Acq On : 27 Jan 2017 21:54
Operator : SJ/MA
Sample : I1448-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
CHA-SB-02-2-4

Quant Time: Jan 27 22:30:10 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



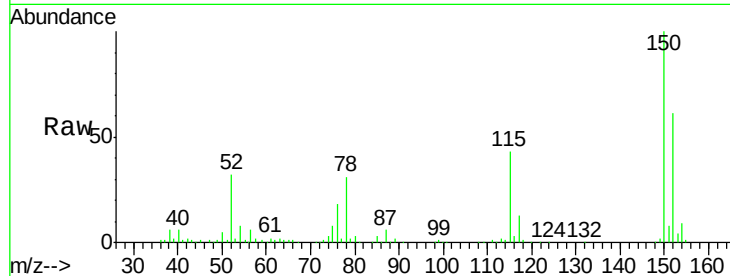


#1

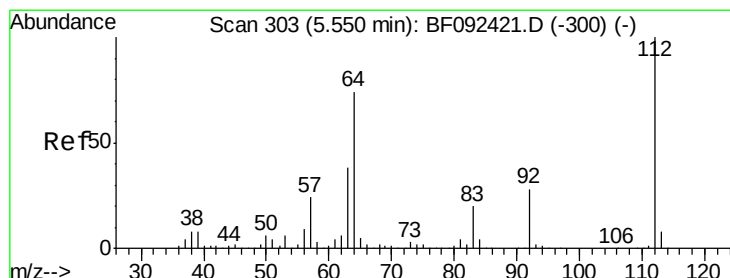
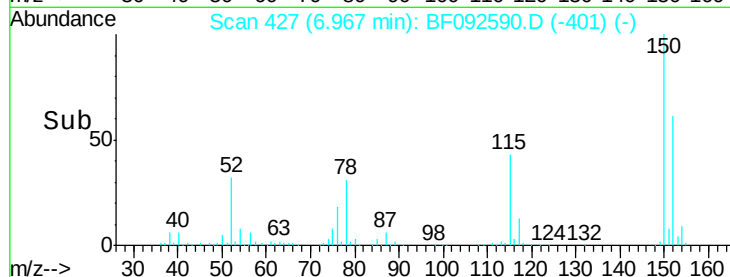
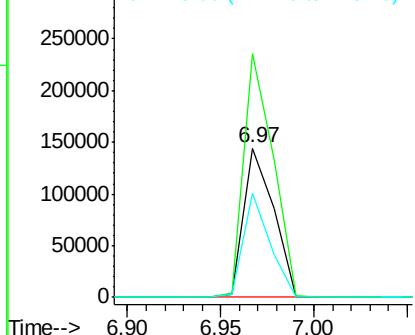
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:152 Resp: 160305
Ion Ratio Lower Upper
152 100
150 162.9 124.9 187.3
115 69.7 46.0 69.0#



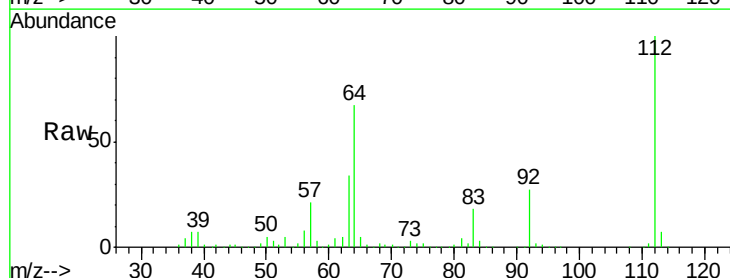
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



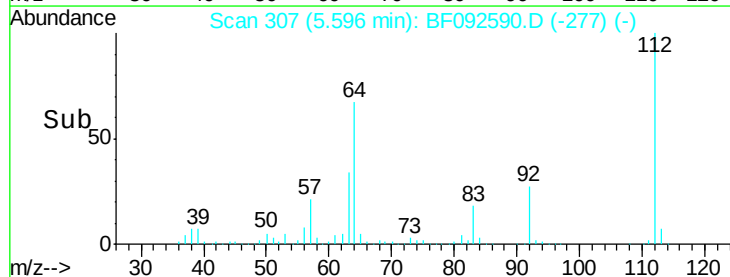
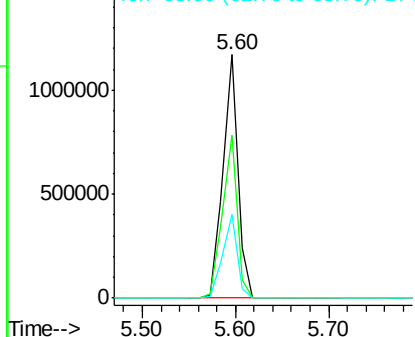
#5

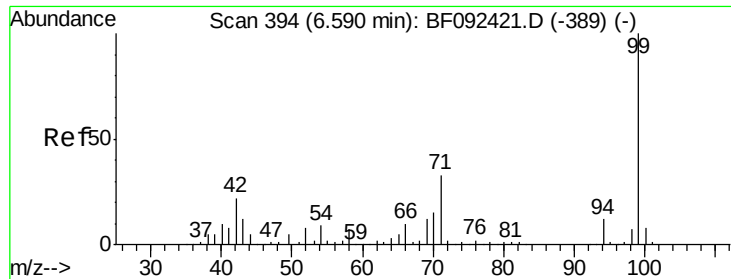
2-Fluorophenol
Concen: 127.07 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:112 Resp: 1309273
Ion Ratio Lower Upper
112 100
64 67.2 46.1 69.1
63 34.3 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: 136.54 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092590.D

Acq: 27 Jan 2017 21:54

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4

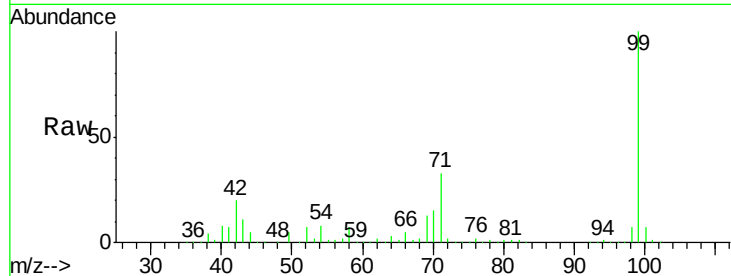
Tgt Ion: 99 Resp: 1791989

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

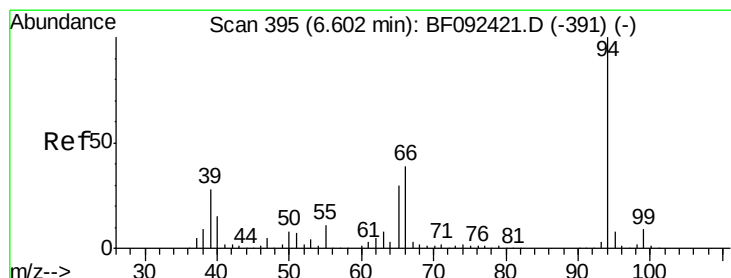
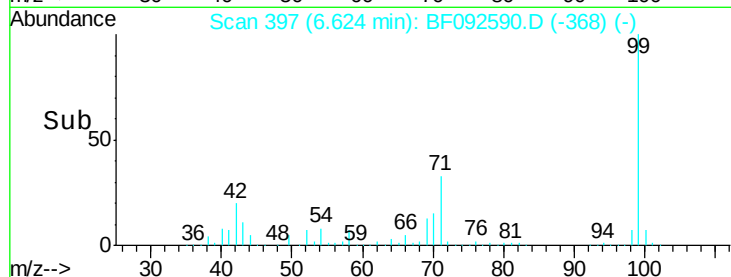
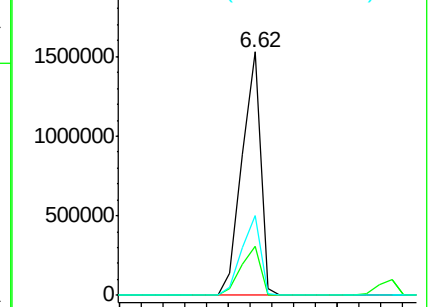
71 32.8 27.5 41.3



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



#10

Phenol

Concen: 7.08 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092590.D

Acq: 27 Jan 2017 21:54

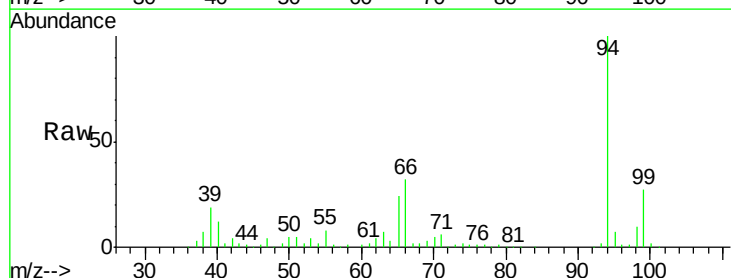
Tgt Ion: 94 Resp: 112151

Ion Ratio Lower Upper

94 100

65 24.3 21.4 61.4

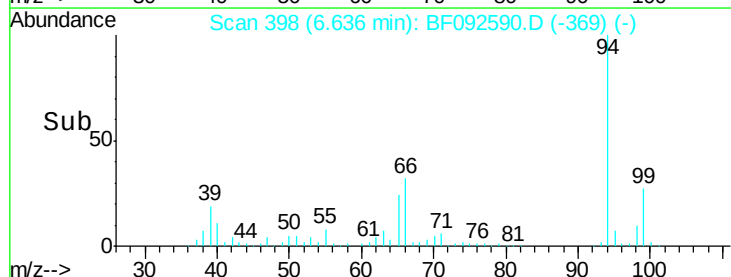
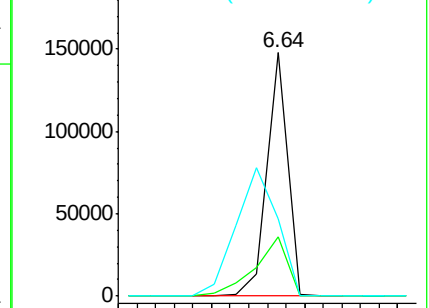
66 31.7 44.0 84.0#

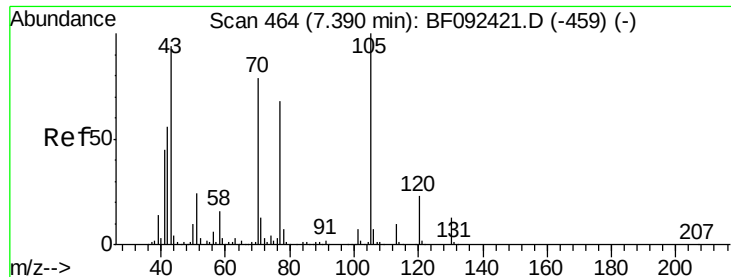


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

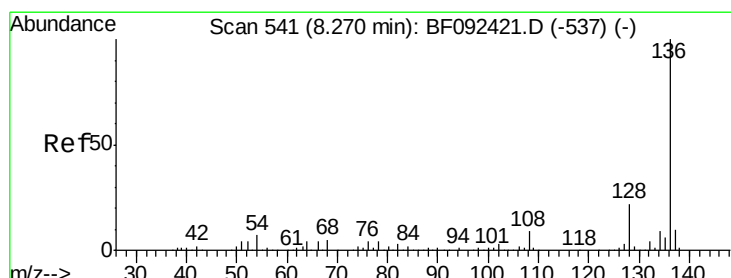
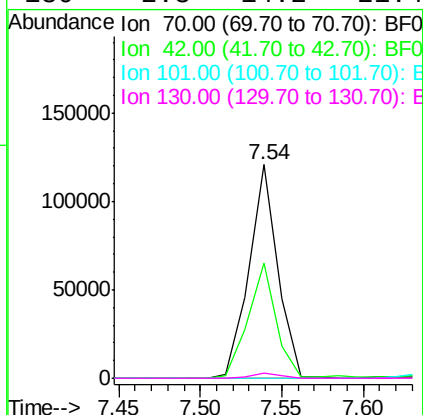
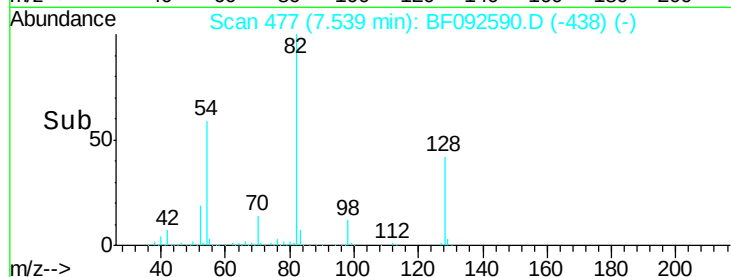
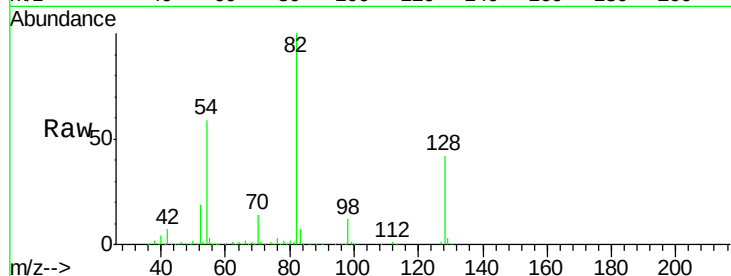




#19
n-Nitroso-di-n-propylamine
Concen: 16.47 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

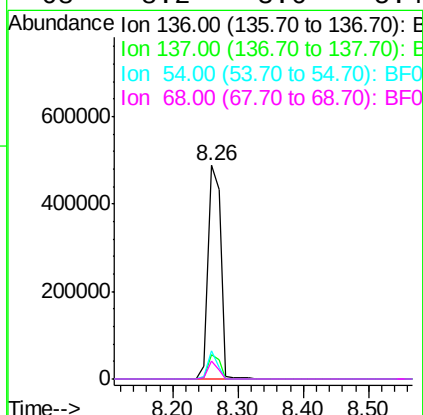
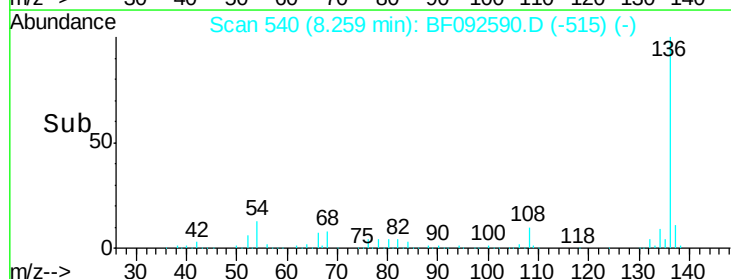
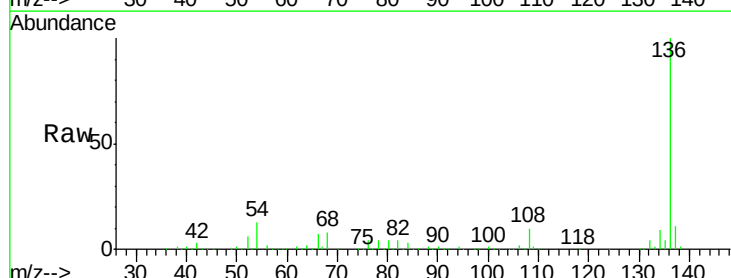
Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

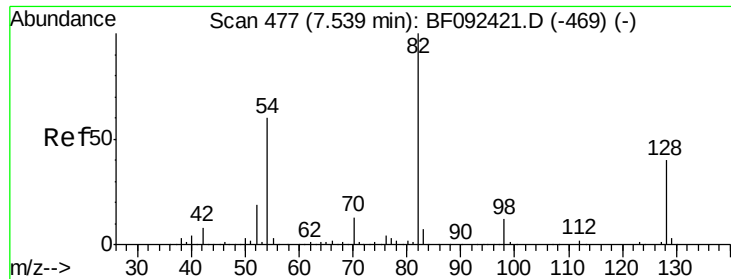
Tgt Ion: 70 Resp: 147202
Ion Ratio Lower Upper
70 100
42 53.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion: 136 Resp: 663338
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 13.1 4.5 6.7#
68 8.2 3.6 5.4#

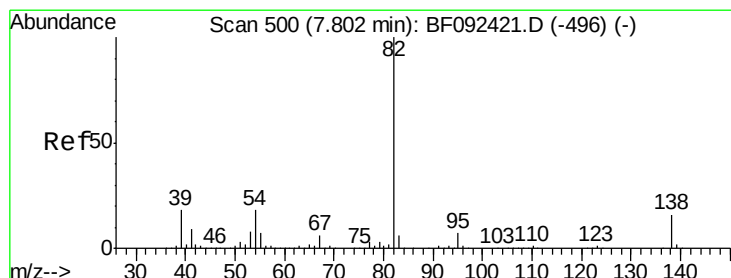
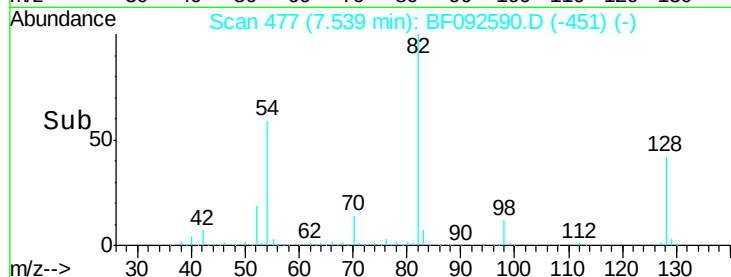
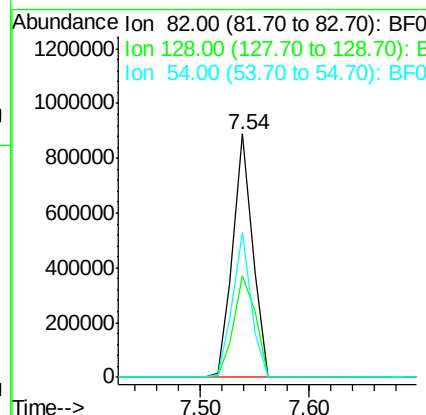
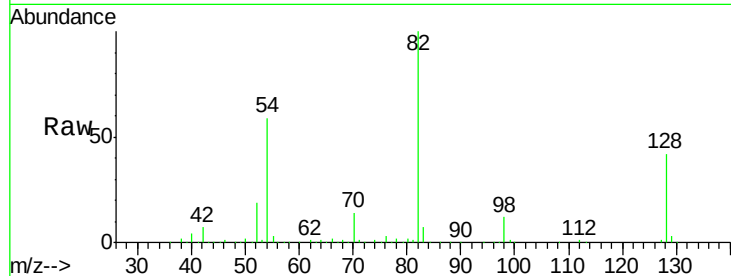




#23
 Nitrobenzene-d5
 Concen: 92.61 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

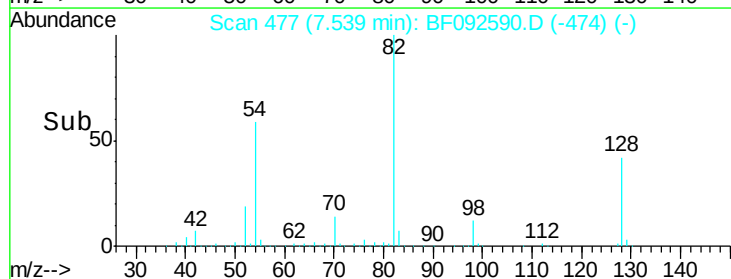
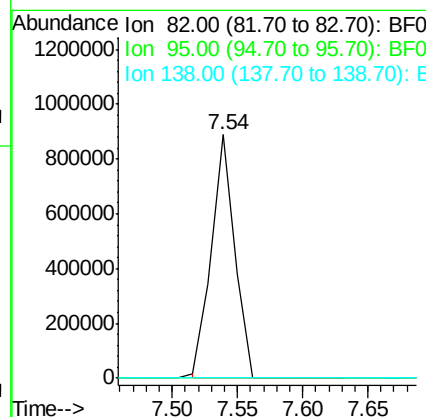
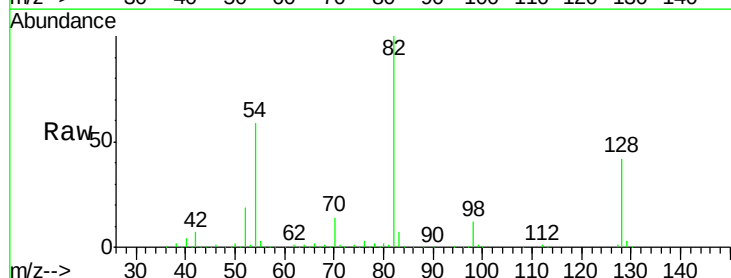
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4

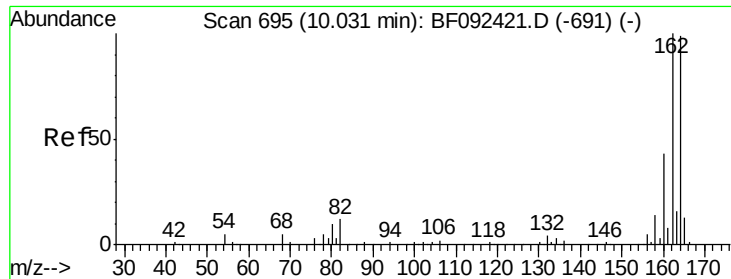
Tgt Ion: 82 Resp: 1124566
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 59.4 39.5 59.3#



#25
 Isophorone
 Concen: 46.37 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

Tgt Ion: 82 Resp: 1109661
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

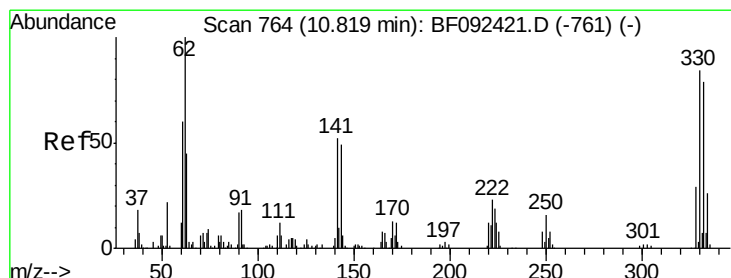
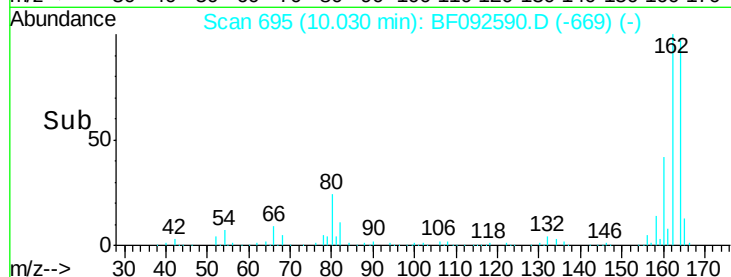
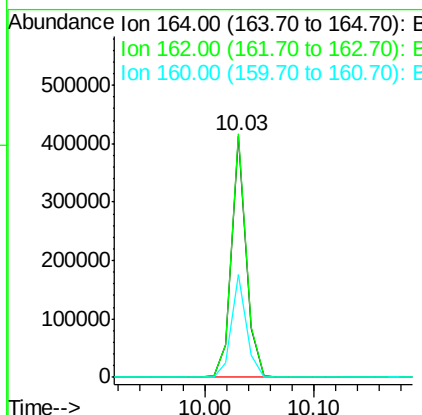
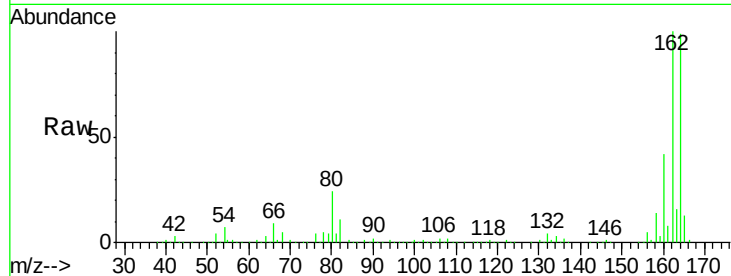




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

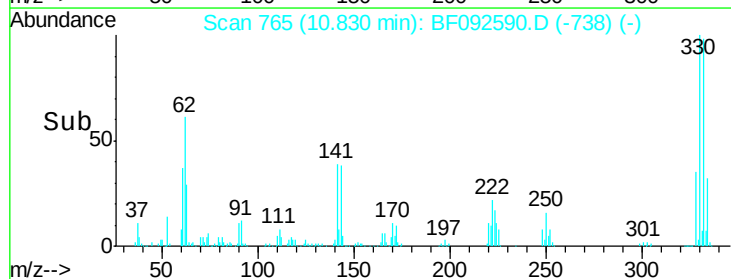
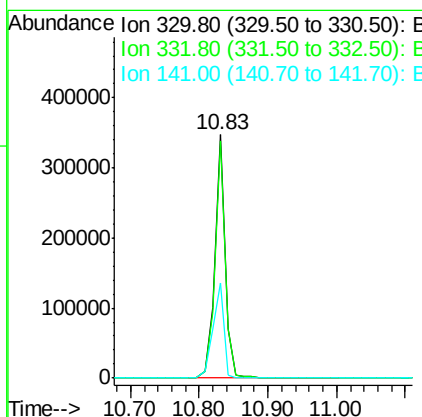
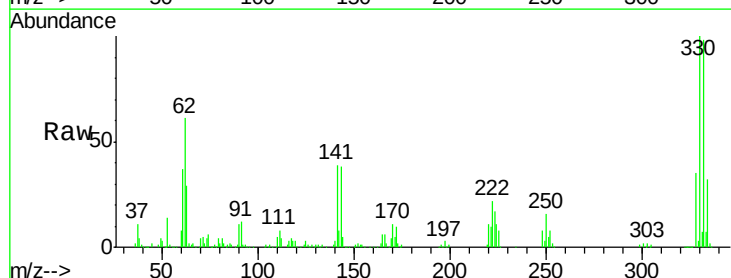
Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4

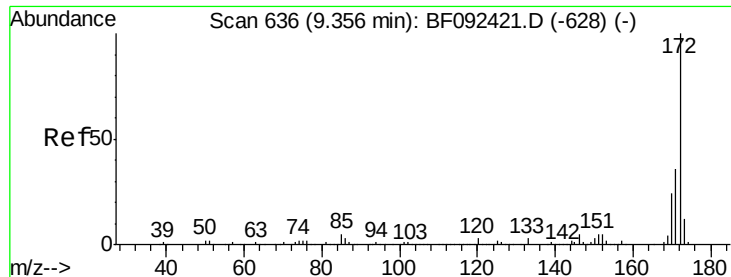
Tgt Ion:164 Resp: 386751
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 42.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 141.83 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

Tgt Ion:330 Resp: 373787
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 41.5 34.1 51.1

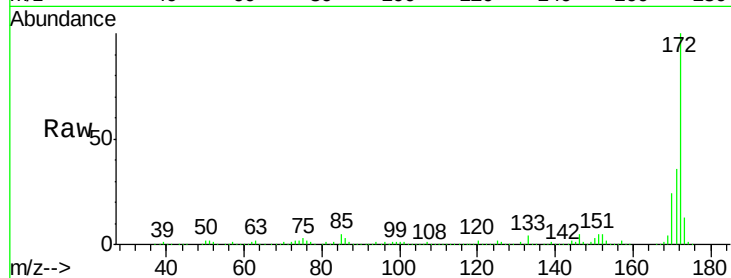




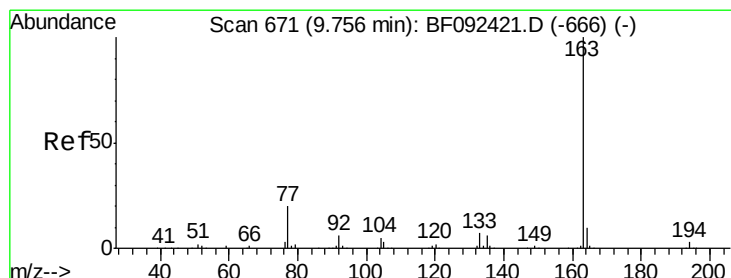
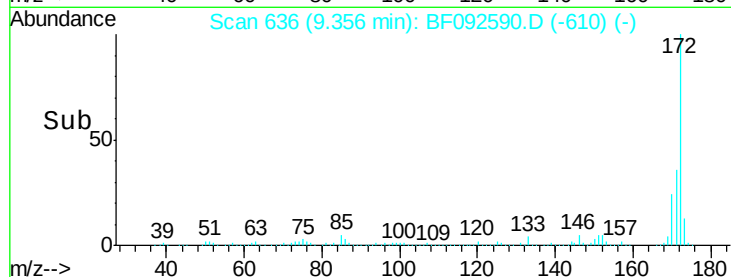
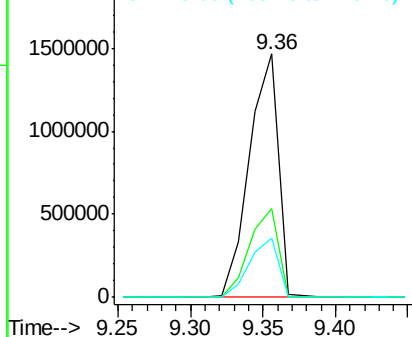
#44
2-Fluorobiphenyl
Concen: 97.37 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion:172 Resp: 2036471
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.2 20.2 30.4

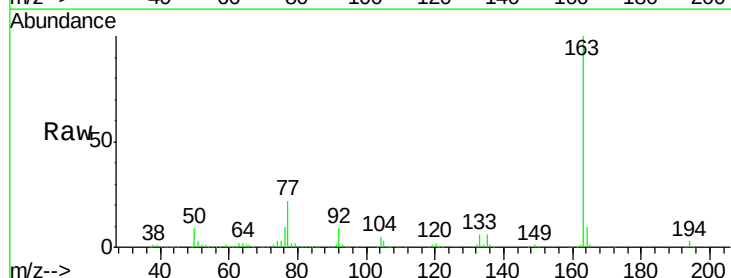


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

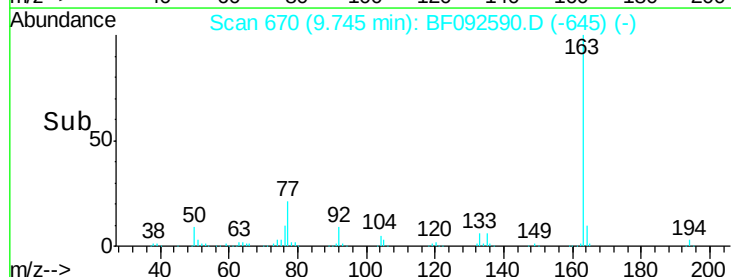
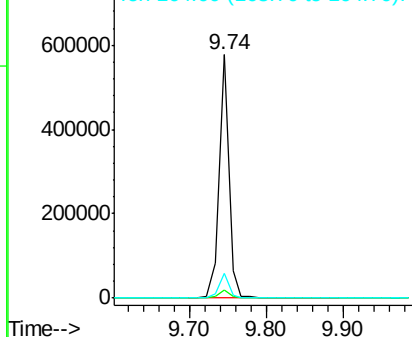


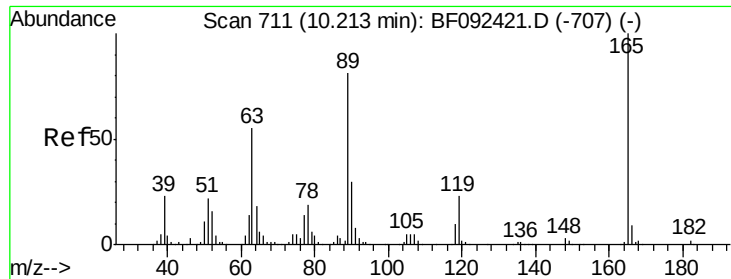
#49
Dimethylphthalate
Concen: 20.71 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Tgt Ion:163 Resp: 509262
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 8.0 12.0



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

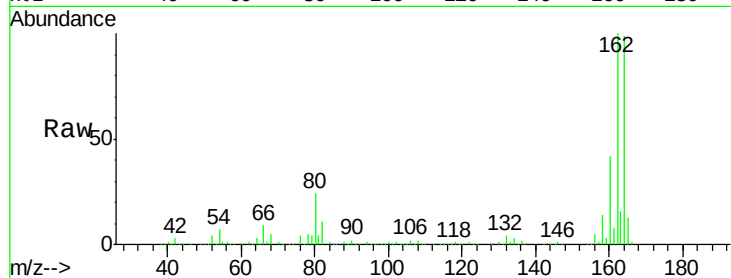




#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

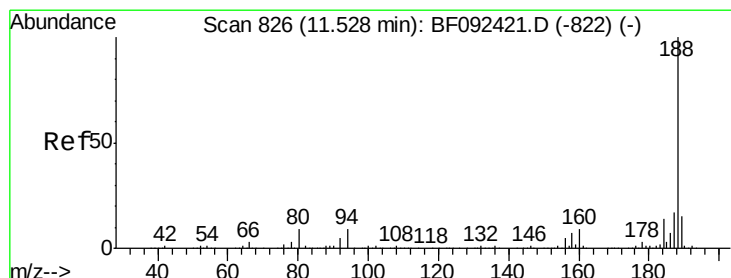
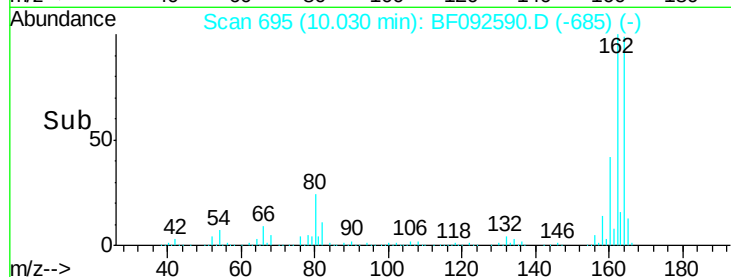
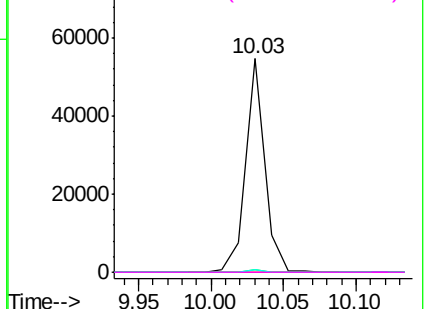


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

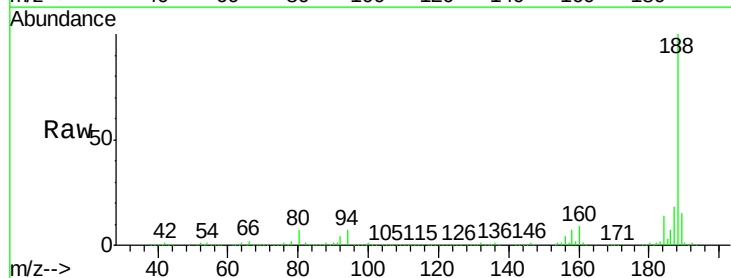
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

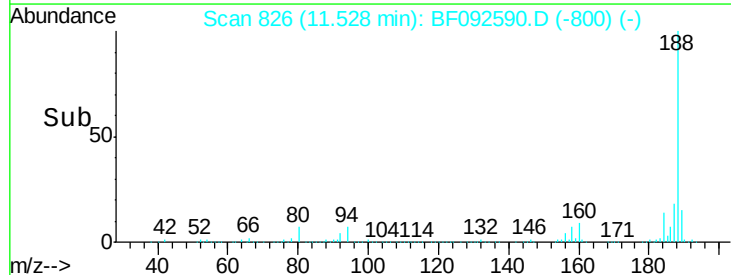
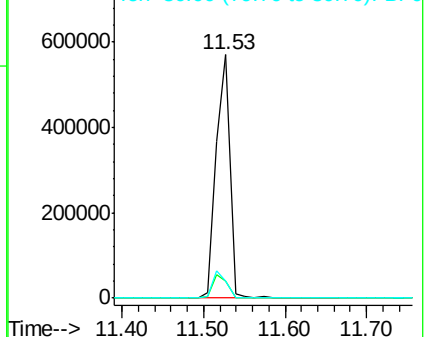
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.1	11.2	16.8#

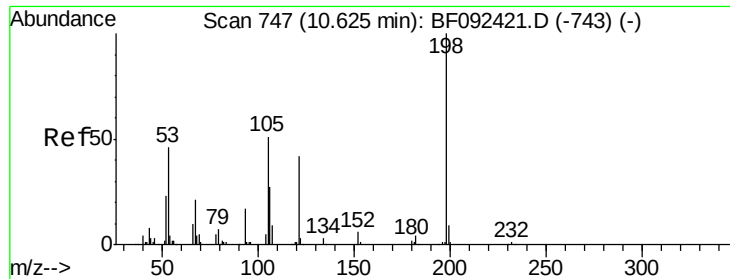


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

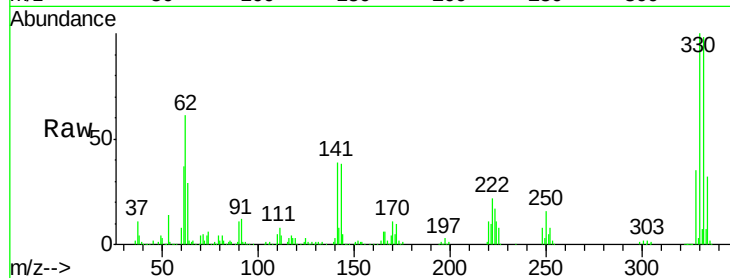




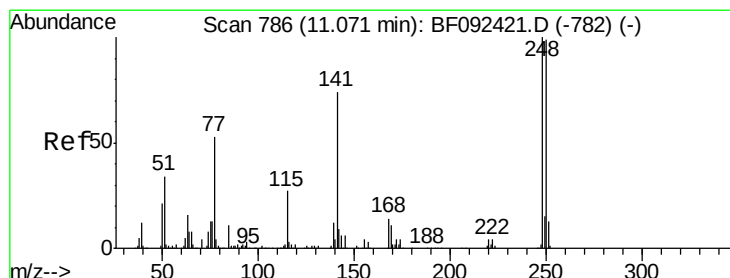
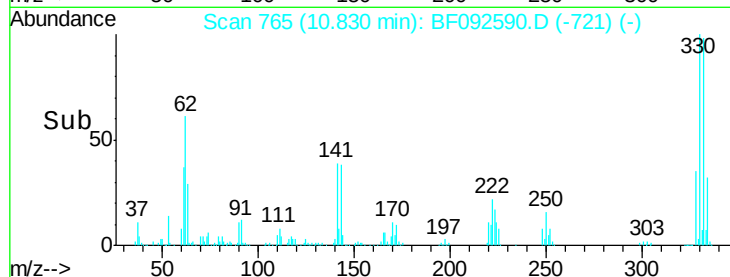
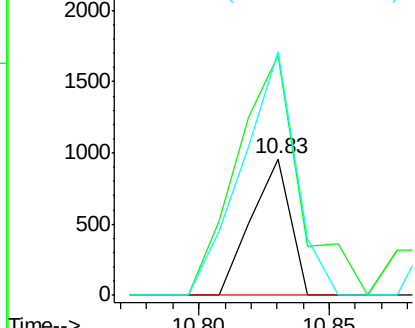
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.20 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.21 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4

Tgt Ion:198 Resp: 1001
 Ion Ratio Lower Upper
 198 100
 51 175.4 6.7 46.7#
 105 178.6 16.6 56.6#

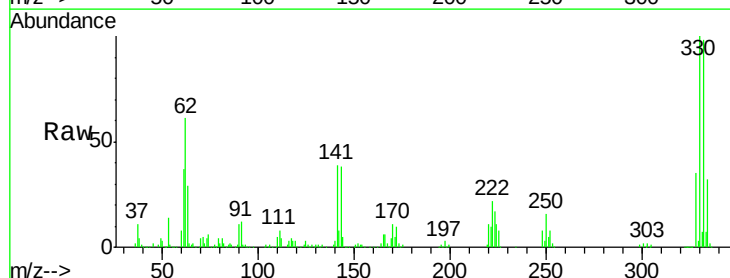


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

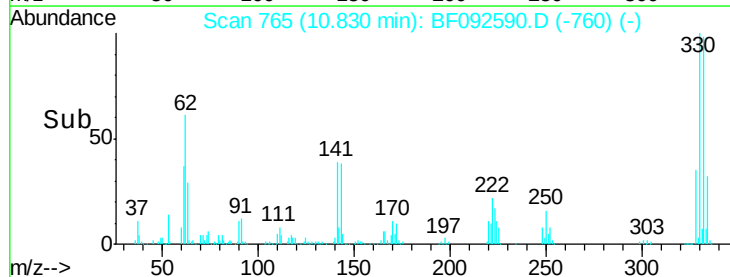
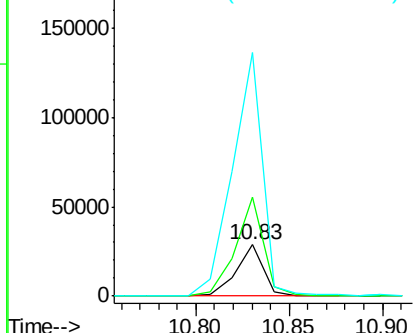


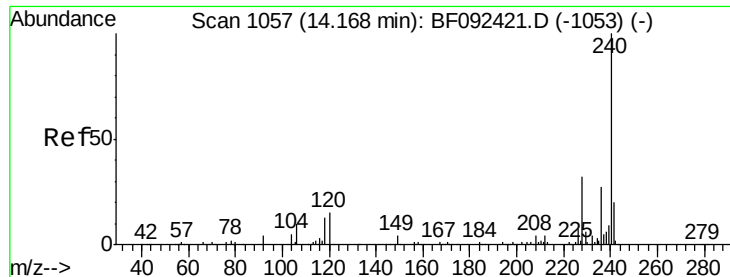
#66
 4-Bromophenyl-phenylether
 Concen: 4.40 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.24 min
 Lab File: BF092590.D
 Acq: 27 Jan 2017 21:54

Tgt Ion:248 Resp: 29661
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.9 115.3#
 141 473.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092590.D

Acq: 27 Jan 2017 21:54

Instrument :

BNA_F

ClientSampleId :

CHA-SB-02-2-4

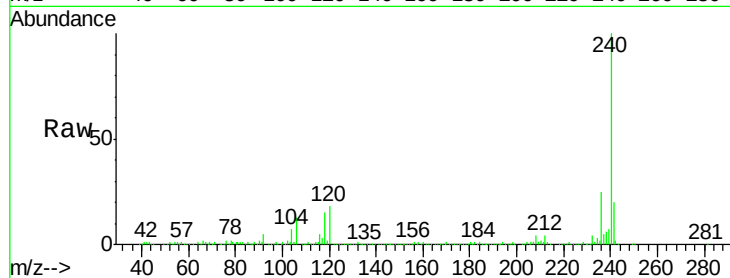
Tgt Ion:240 Resp: 511938

Ion Ratio Lower Upper

240 100

120 17.9 12.9 19.3

236 25.3 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

14.16

400000

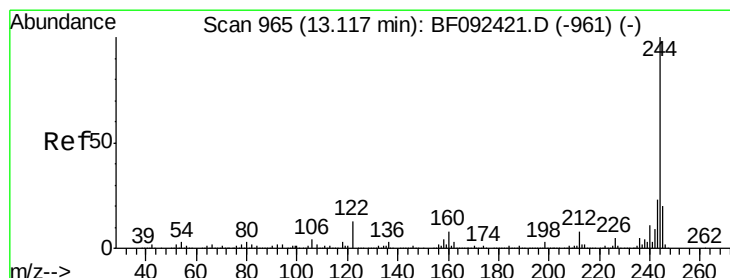
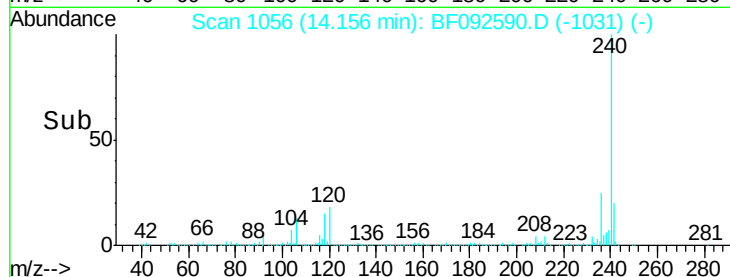
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 90.86 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092590.D

Acq: 27 Jan 2017 21:54

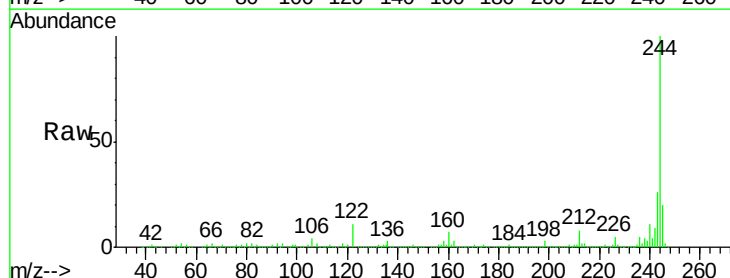
Tgt Ion:244 Resp: 1746724

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 11.2 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

13.12

2000000

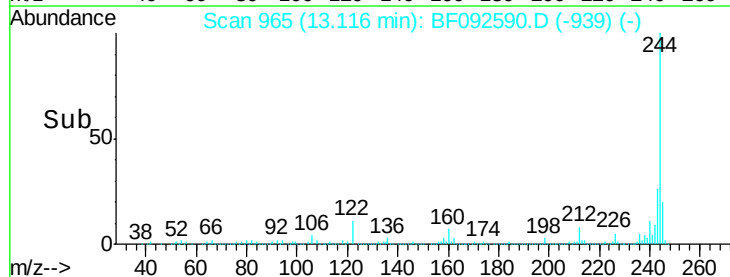
1500000

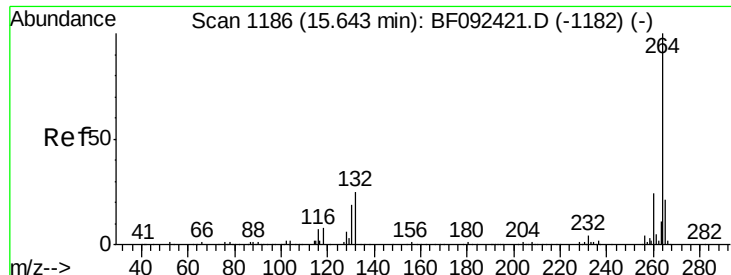
1000000

500000

0

Time-->

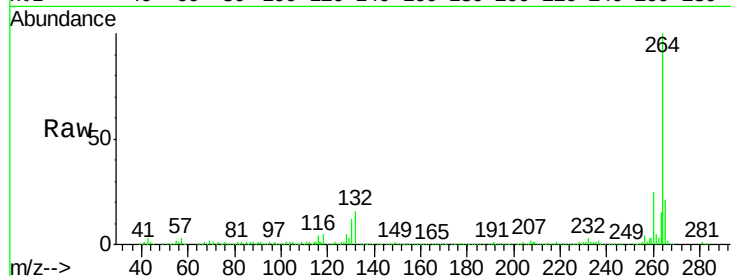




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092590.D
Acq: 27 Jan 2017 21:54

Instrument :
BNA_F
ClientSampleId :
CHA-SB-02-2-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.4	26.0



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

