

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092589.D
 Acq On : 27 Jan 2017 21:26
 Operator : SJ/MA
 Sample : I1529-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-BL-0-2

Quant Time: Jan 27 22:15:52 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

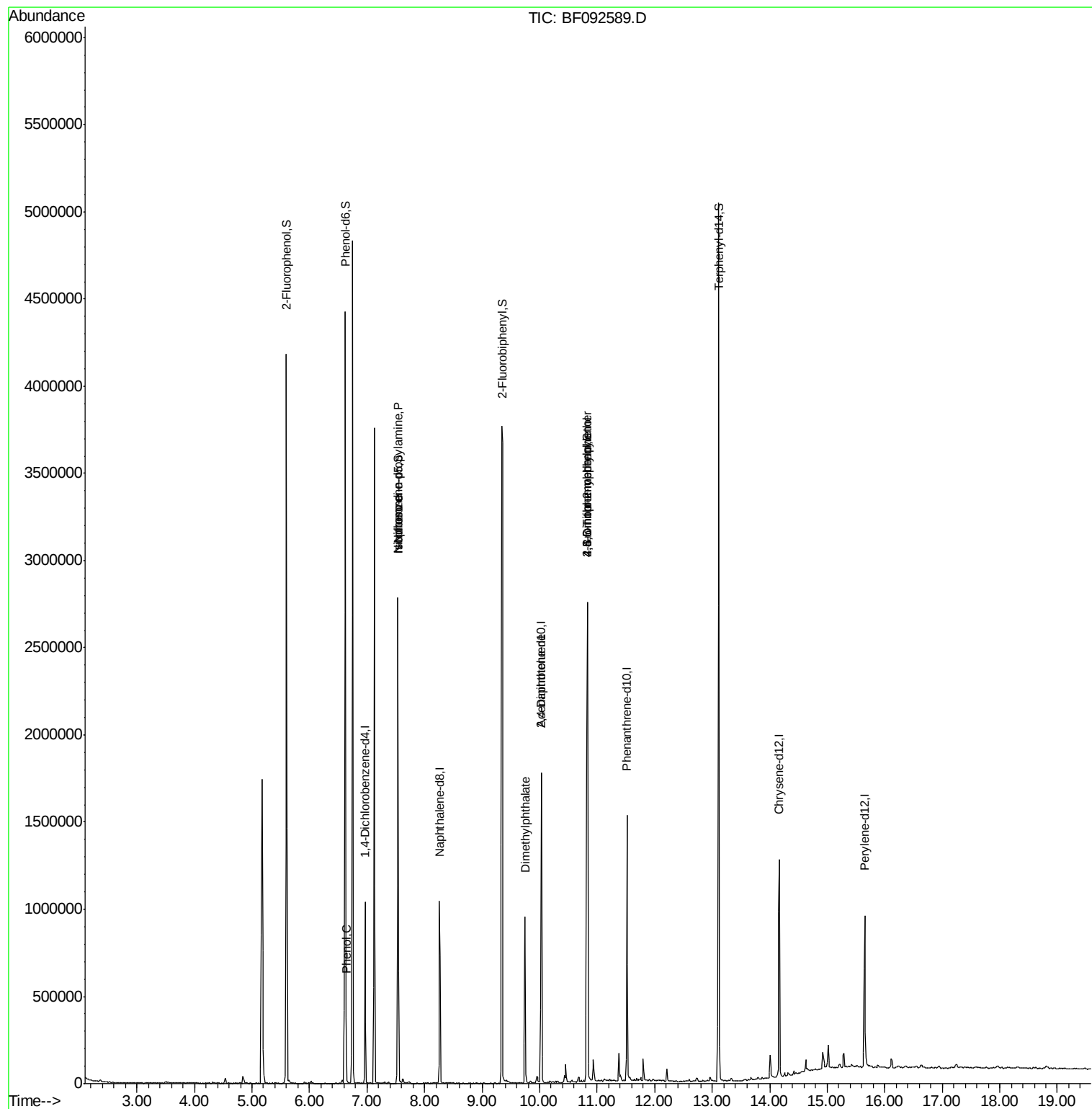
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159906	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	644482	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	385715	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	639090	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	576511	20.00	ng	0.00
86) Perylene-d12	15.65	264	433591	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1379327	134.20	ng	0.05
7) Phenol-d6	6.62	99	1792095	136.89	ng	0.03
23) Nitrobenzene-d5	7.54	82	1068417	90.56	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	411862	156.69	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2143350	102.75	ng	0.00
78) Terphenyl-d14	13.12	244	1833882	84.71	ng	0.00
Target Compounds						
10) Phenol	6.64	94	82504	5.22	ng	# 65
19) n-Nitroso-di-n-propylamine	7.54	70	141442	15.87	ng	# 83
25) Isophorone	7.54	82	1058106	45.51	ng	# 65
49) Dimethylphthalate	9.74	163	403844	16.46	ng	99
56) 2,4-Dinitrotoluene	10.03	165	49830	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.83	198	1112	5.24	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	32462	5.03	ng	# 1

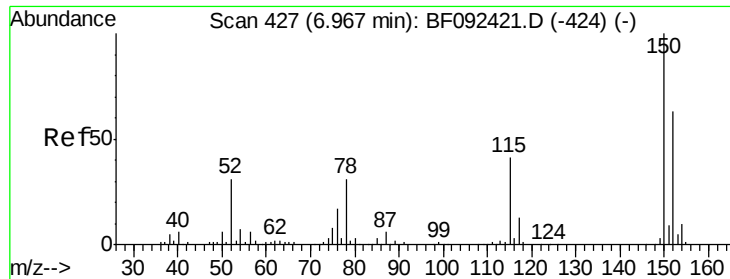
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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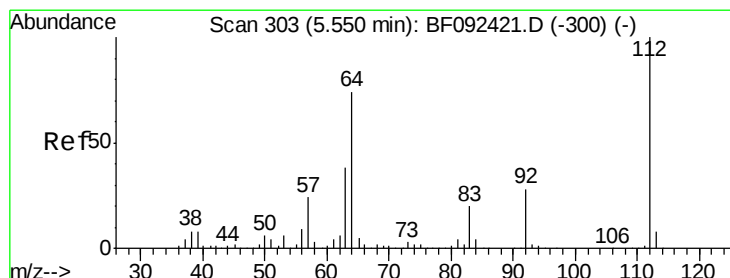
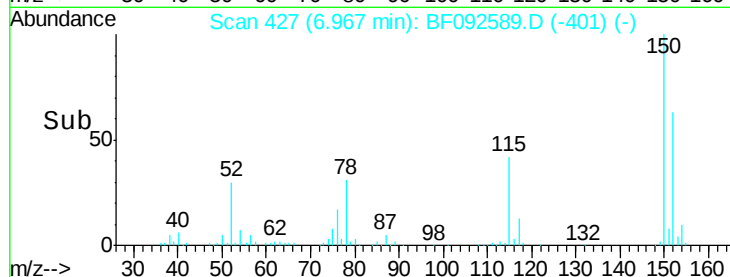
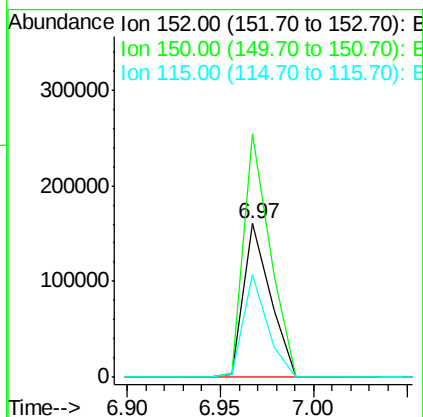
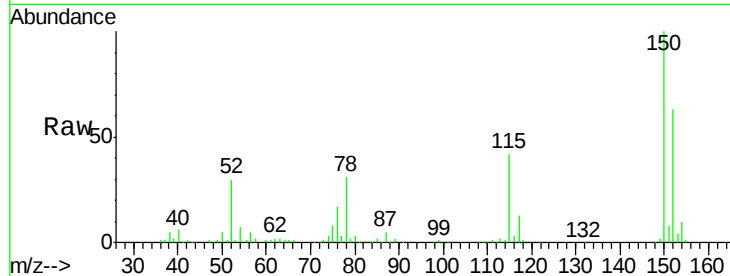


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

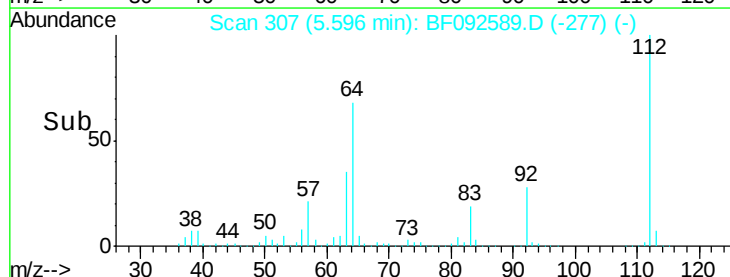
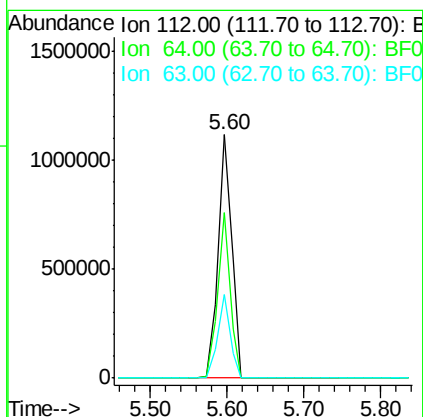
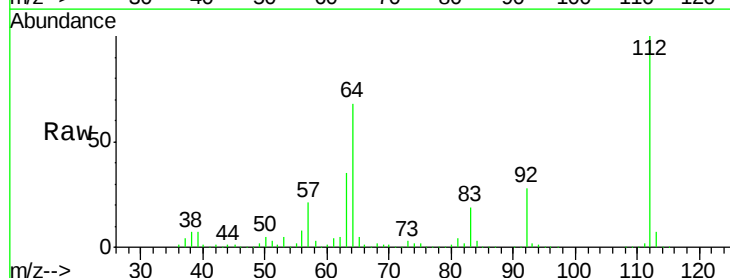
Tgt Ion:152 Resp: 159906
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 66.6 46.0 69.0

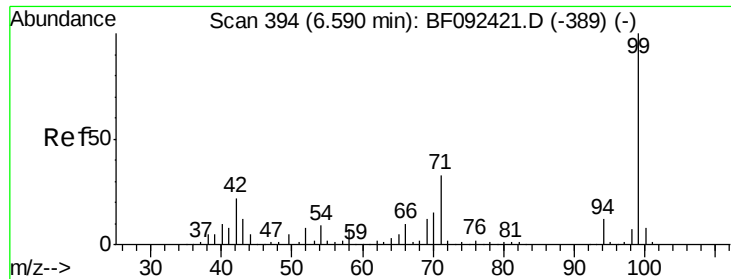


#5

2-Fluorophenol
Concen: 134.20 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:112 Resp: 1379327
Ion Ratio Lower Upper
112 100
64 67.7 46.1 69.1
63 34.6 23.8 35.6





#7

Phenol-d6

Concen: 136.89 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

ELT-BL-0-2

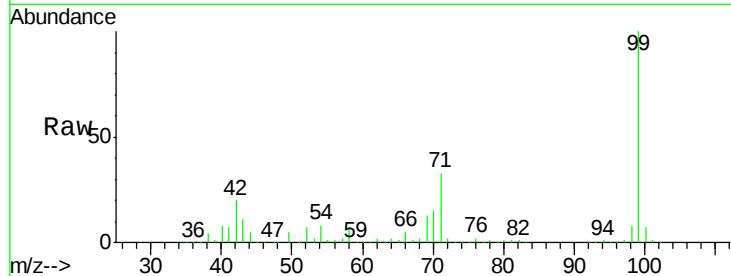
Tgt Ion: 99 Resp: 1792095

Ion Ratio Lower Upper

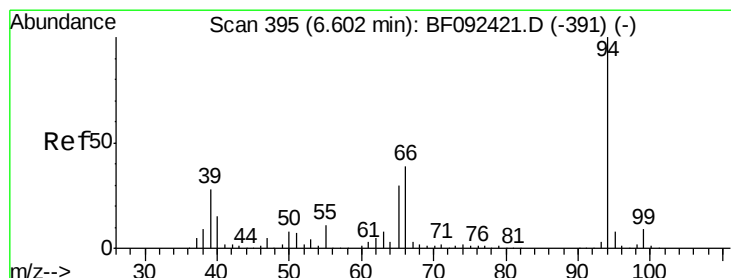
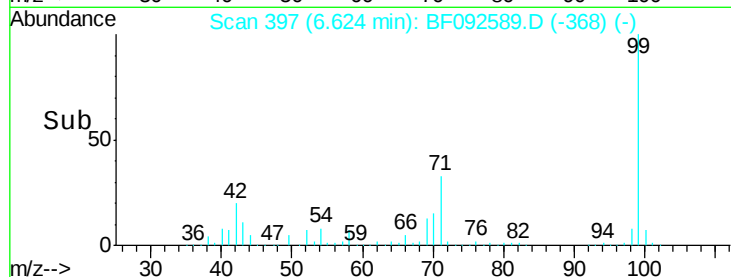
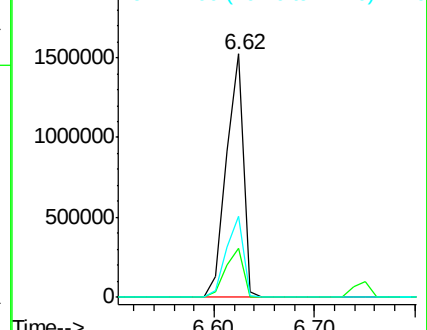
99 100

42 20.3 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



#10

Phenol

Concen: 5.22 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

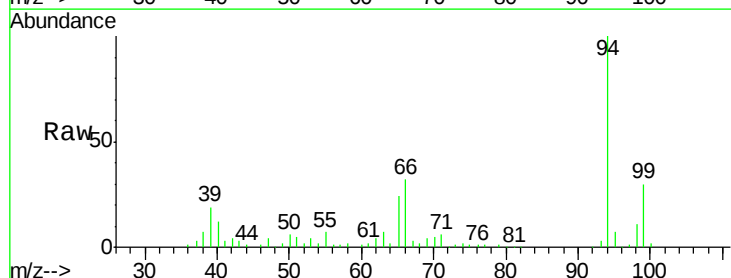
Tgt Ion: 94 Resp: 82504

Ion Ratio Lower Upper

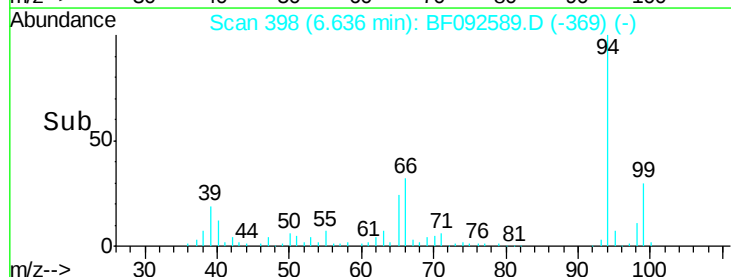
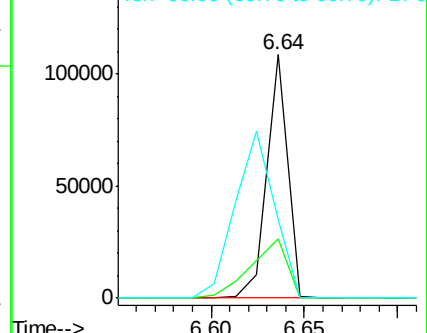
94 100

65 24.3 21.4 61.4

66 32.1 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

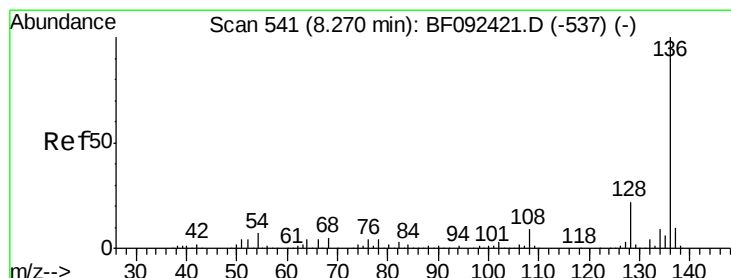
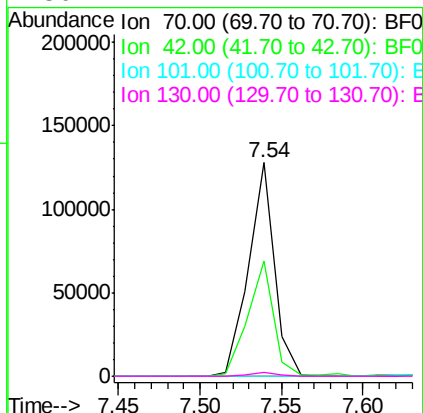
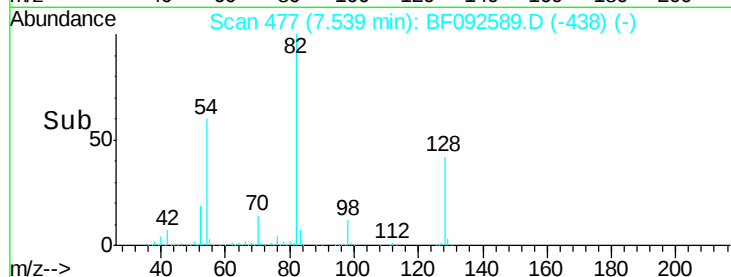
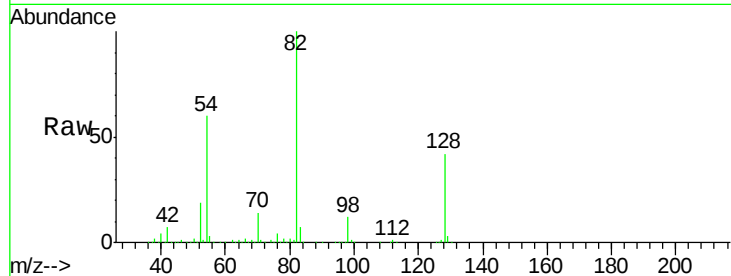




#19
n-Nitroso-di-n-propylamine
Concen: 15.87 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

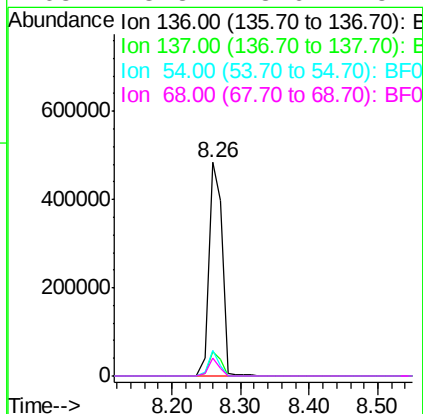
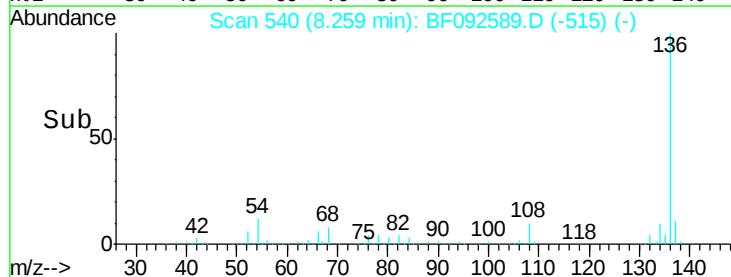
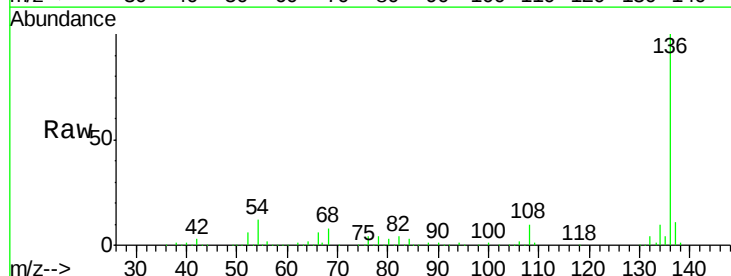
Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

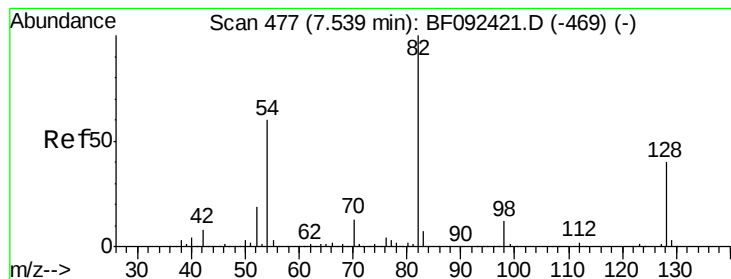
Tgt Ion: 70 Resp: 141442
Ion Ratio Lower Upper
70 100
42 54.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion: 136 Resp: 644482
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 12.3 4.5 6.7#
68 8.3 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 90.56 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

ELT-BL-0-2

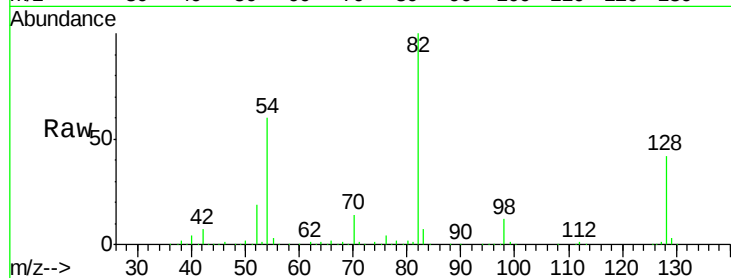
Tgt Ion: 82 Resp: 1068417

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

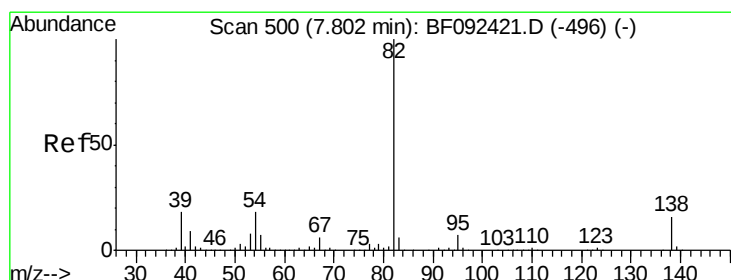
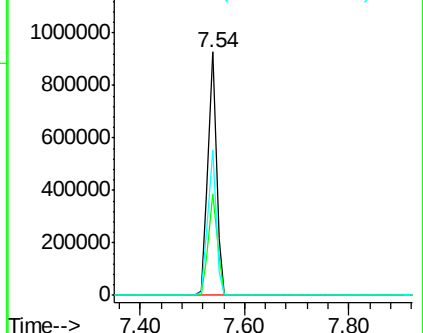
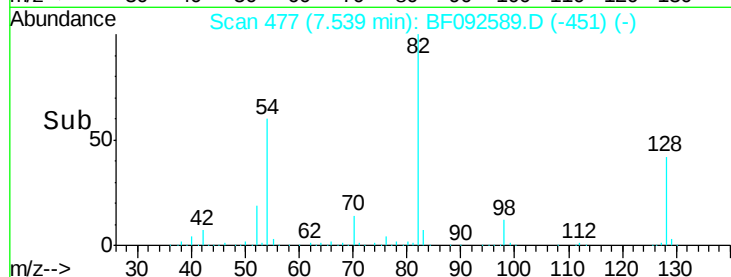
54 59.7 39.5 59.3#



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



#25

Isophorone

Concen: 45.51 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

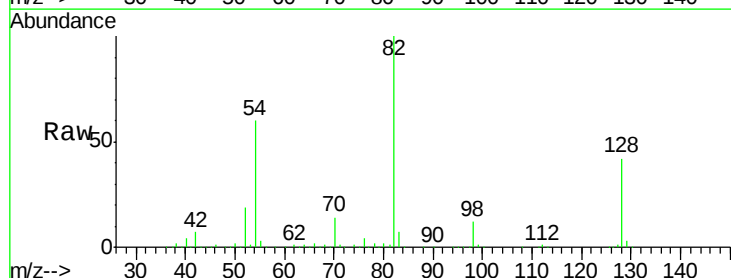
Tgt Ion: 82 Resp: 1058106

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

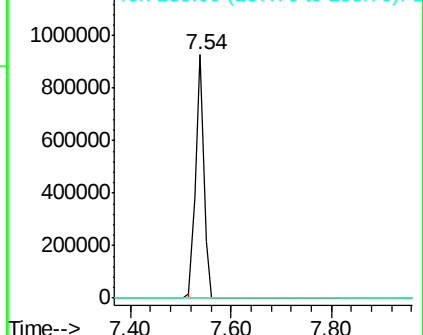
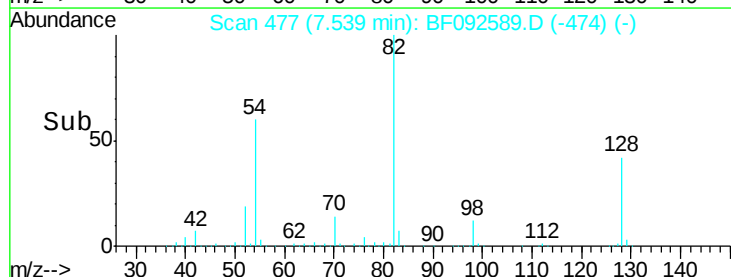
138 0.0 14.6 22.0#

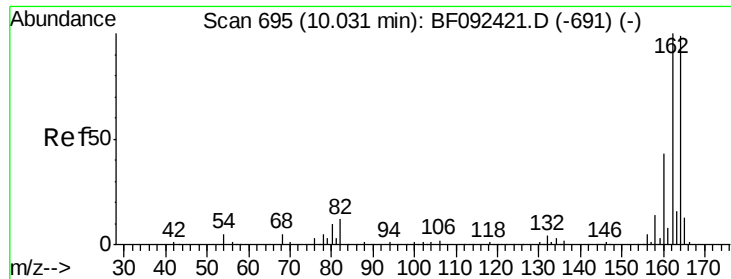


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

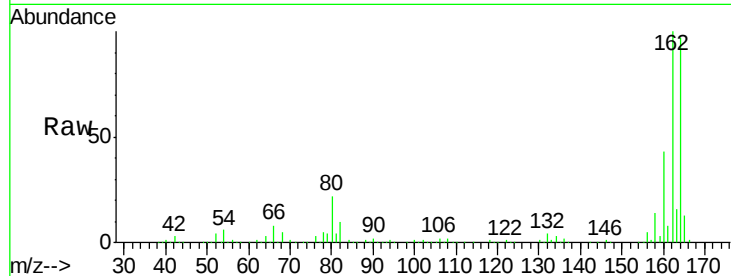




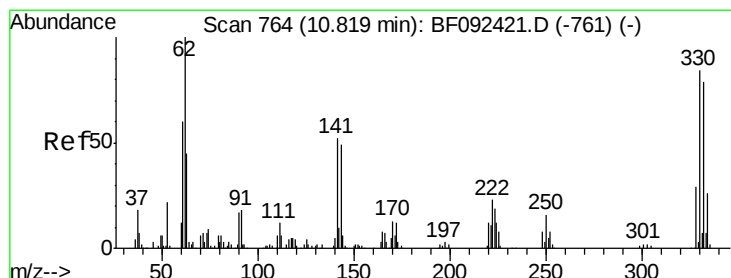
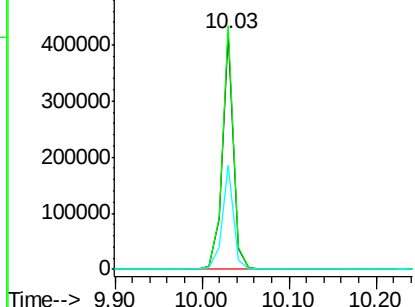
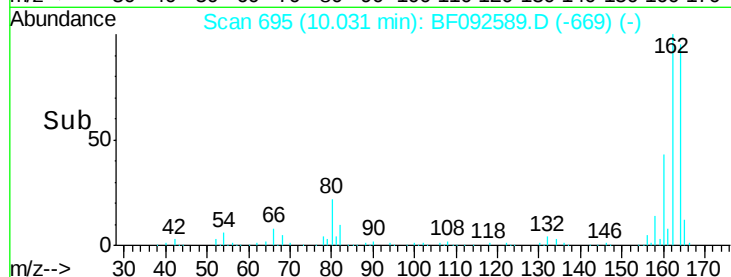
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092589.D
 Acq: 27 Jan 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ELT-BL-0-2

Tgt Ion:164 Resp: 385715
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.2 120.2
 160 44.1 36.9 55.3

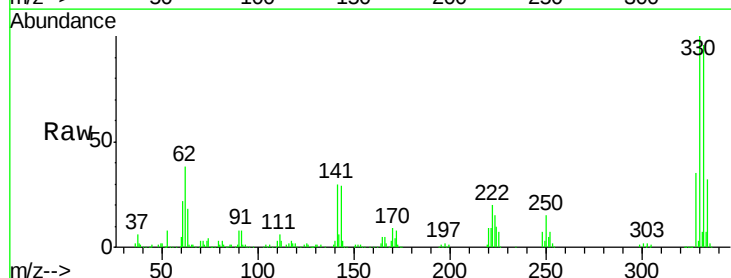


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

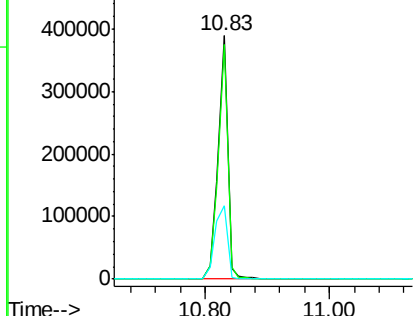
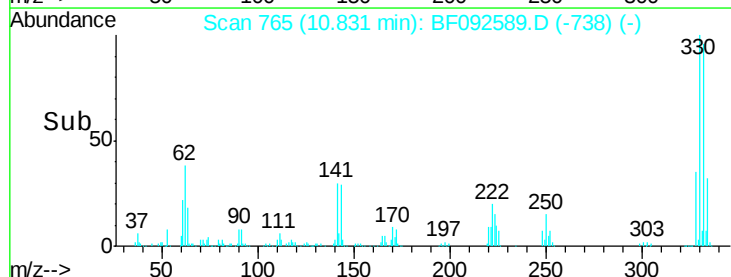


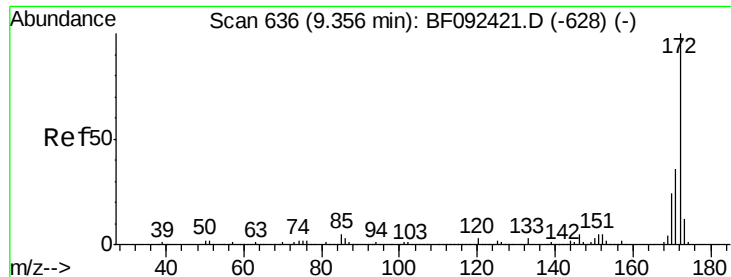
#41
 2,4,6-Tribromophenol
 Concen: 156.69 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092589.D
 Acq: 27 Jan 2017 21:26

Tgt Ion:330 Resp: 411862
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 39.6 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

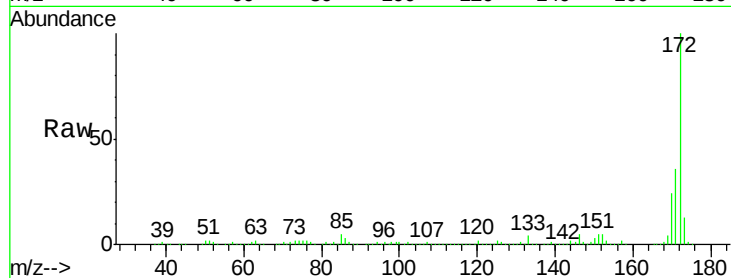




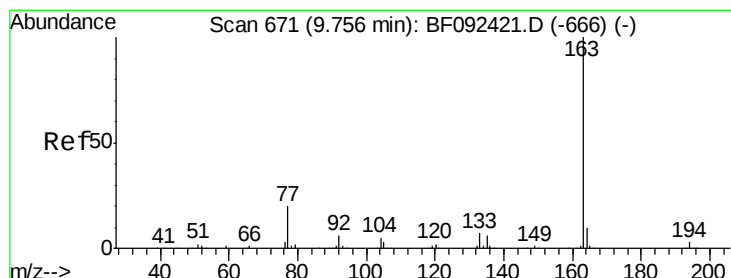
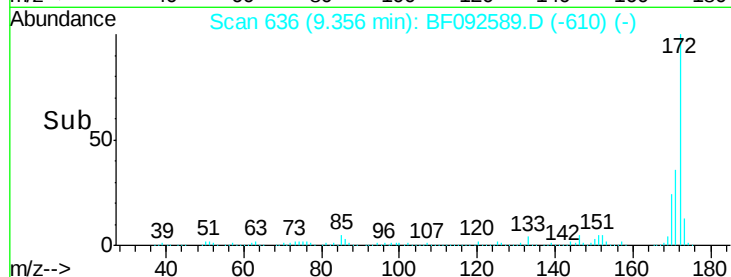
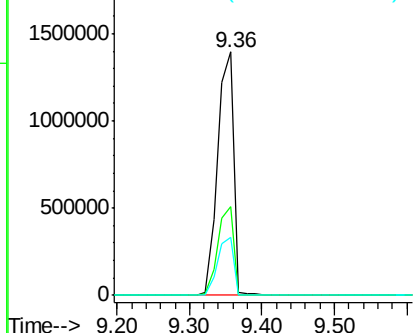
#44
 2-Fluorobiphenyl
 Concen: 102.75 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092589.D
 Acq: 27 Jan 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ELT-BL-0-2

Tgt Ion:172 Resp: 2143350
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 20.2 30.4

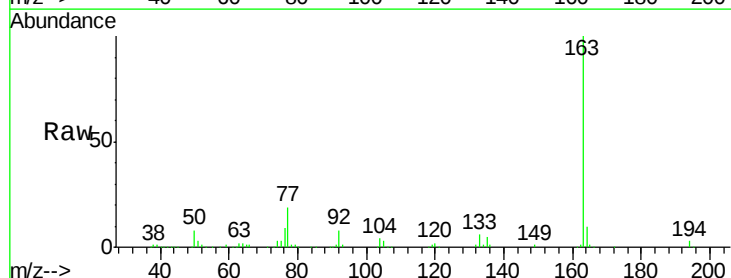


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

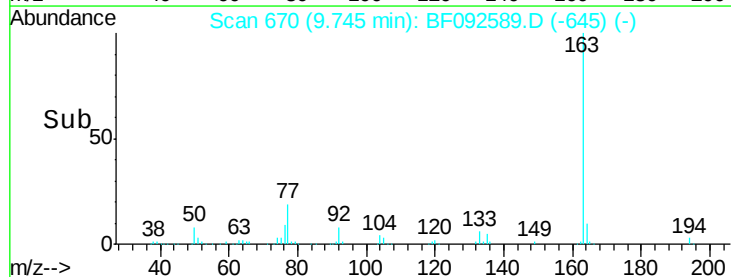
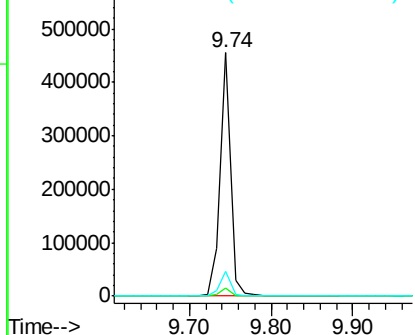


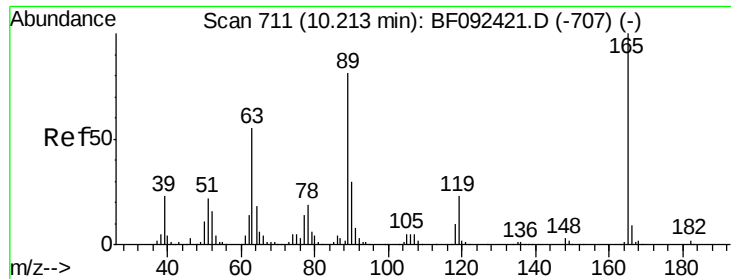
#49
 Dimethylphthalate
 Concen: 16.46 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092589.D
 Acq: 27 Jan 2017 21:26

Tgt Ion:163 Resp: 403844
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.2 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

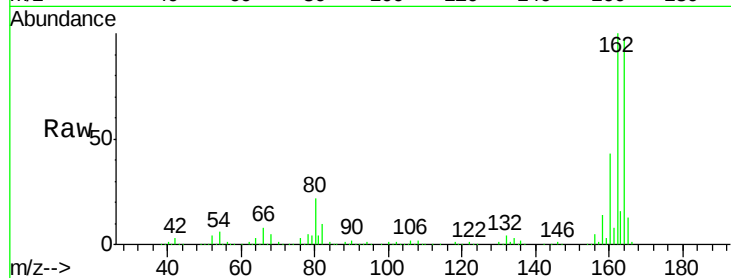




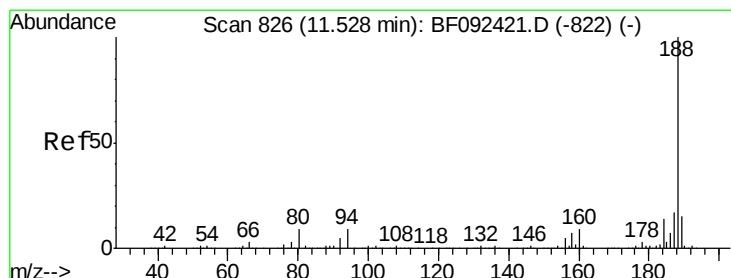
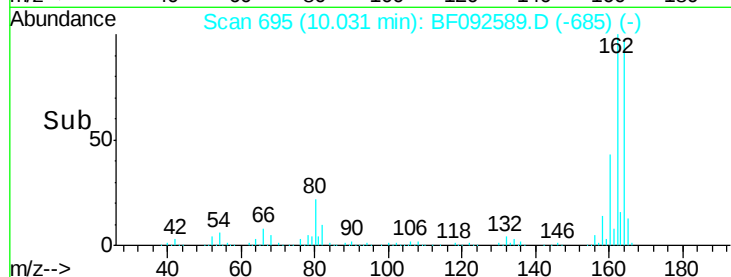
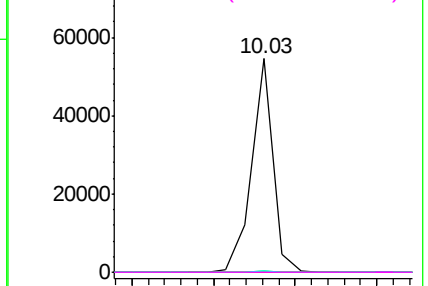
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion:	165	Resp:	49830
Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

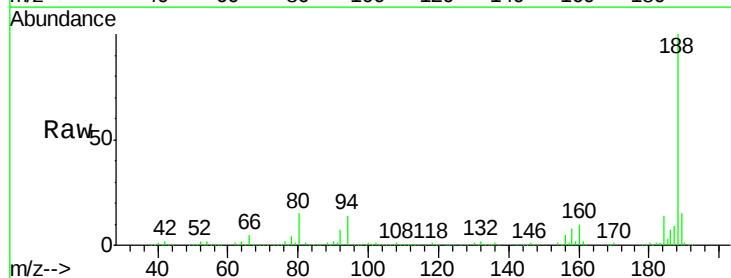


Abundance Ion 165.00 (164.70 to 165.70): E

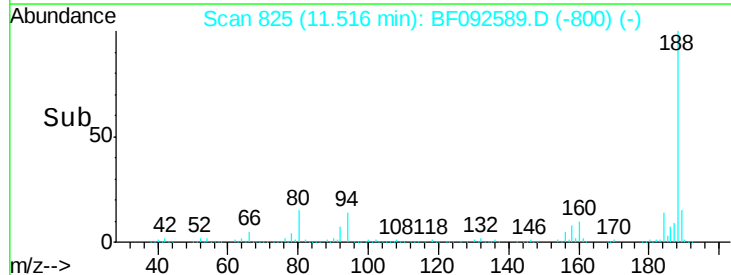
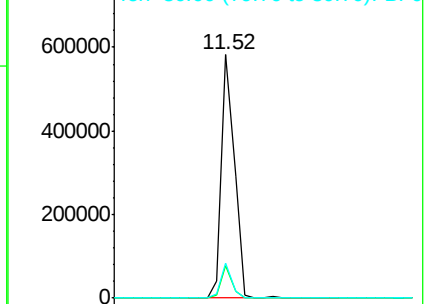


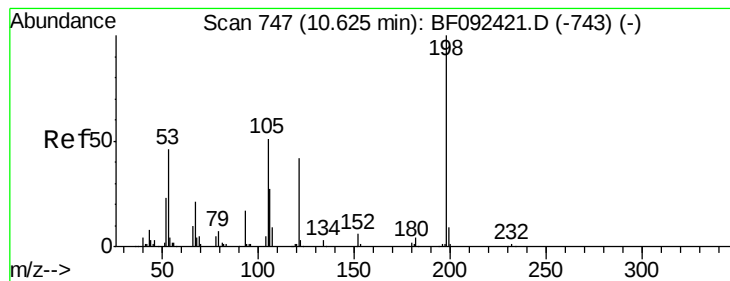
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Tgt Ion:	188	Resp:	639090
Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.0	15.0
80	14.6	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 5.24 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

ELT-BL-0-2

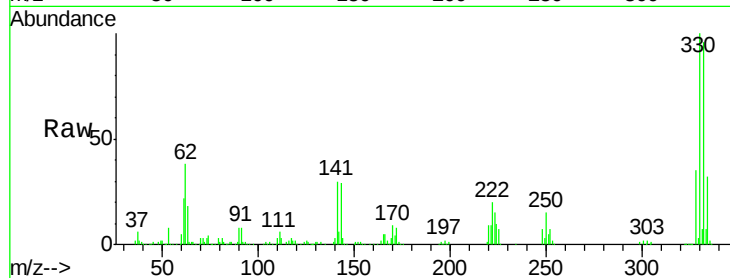
Tgt Ion:198 Resp: 1112

Ion Ratio Lower Upper

198 100

51 104.2 6.7 46.7#

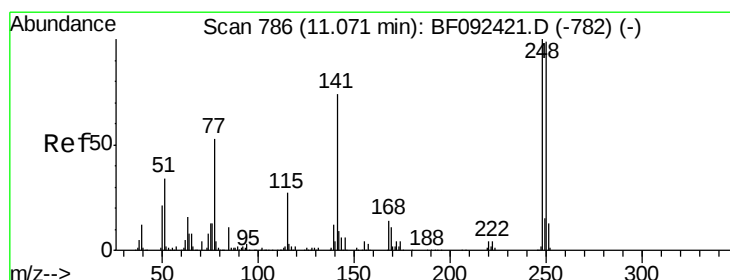
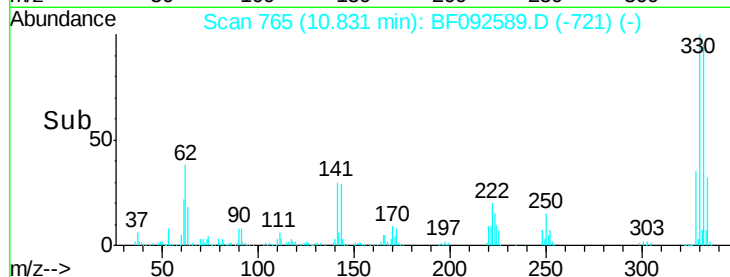
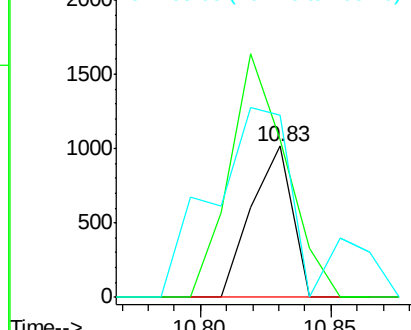
105 120.4 16.6 56.6#



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: 5.03 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

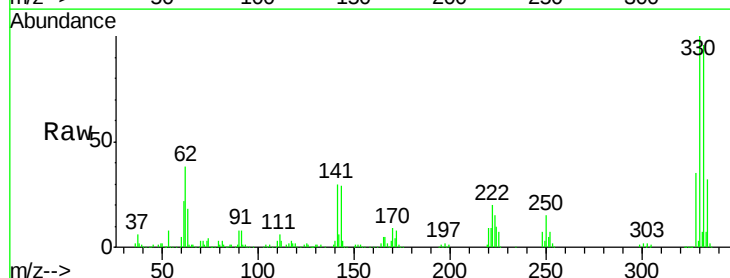
Tgt Ion:248 Resp: 32462

Ion Ratio Lower Upper

248 100

250 194.6 76.9 115.3#

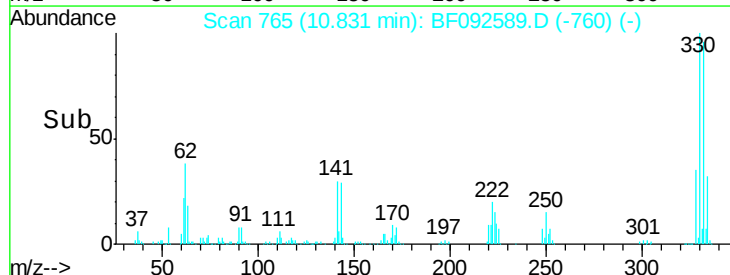
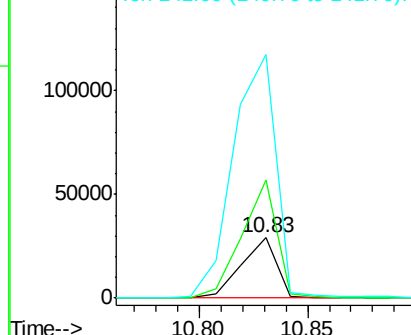
141 402.9 68.2 102.4#

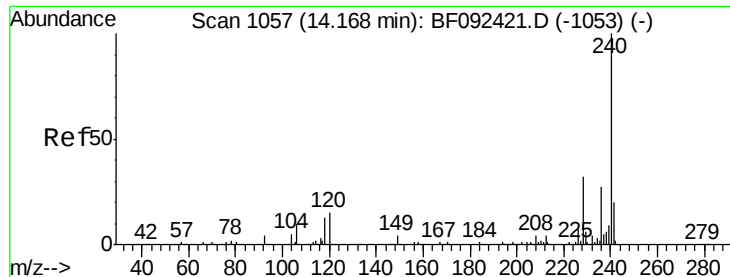


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

Instrument :

BNA_F

ClientSampleId :

ELT-BL-0-2

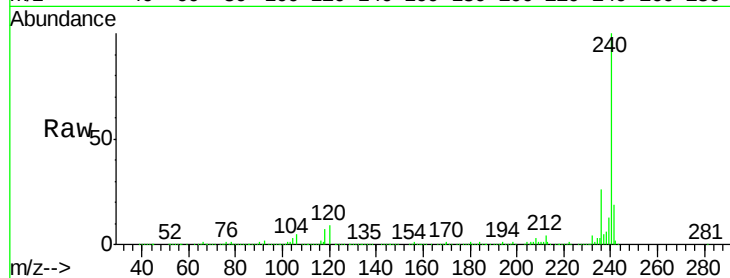
Tgt Ion:240 Resp: 576511

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

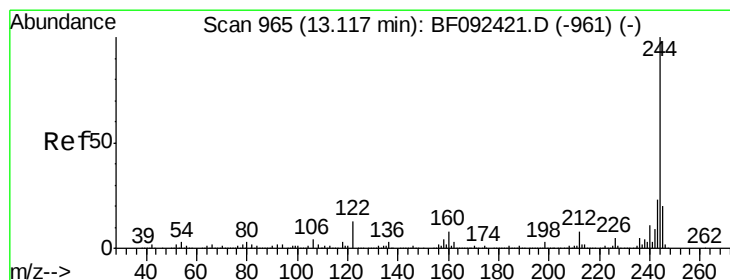
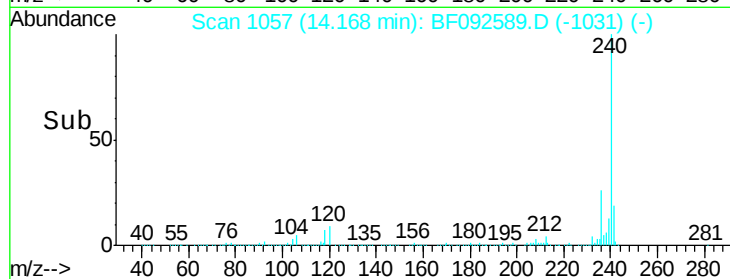
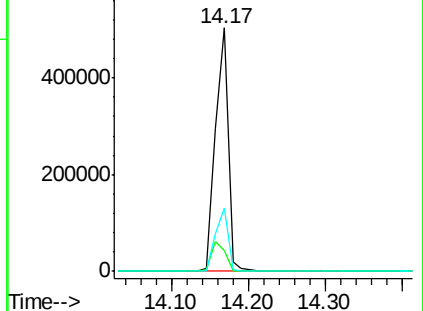
236 25.9 20.9 31.3



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: 84.71 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092589.D

Acq: 27 Jan 2017 21:26

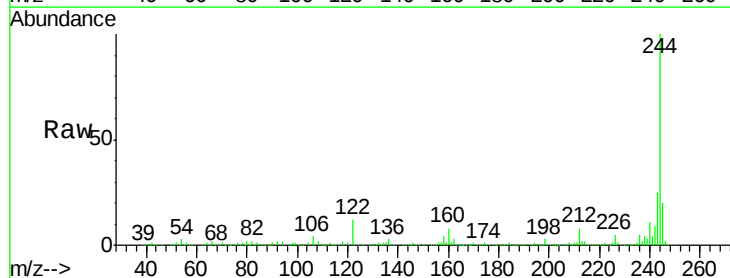
Tgt Ion:244 Resp: 1833882

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

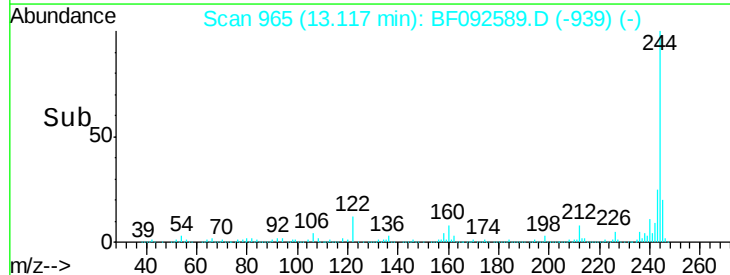
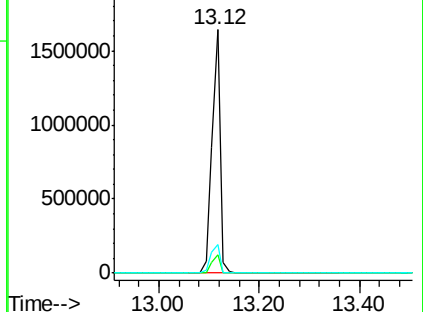
122 12.0 11.4 17.2

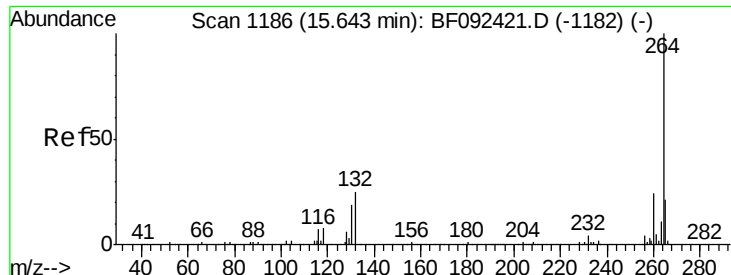


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

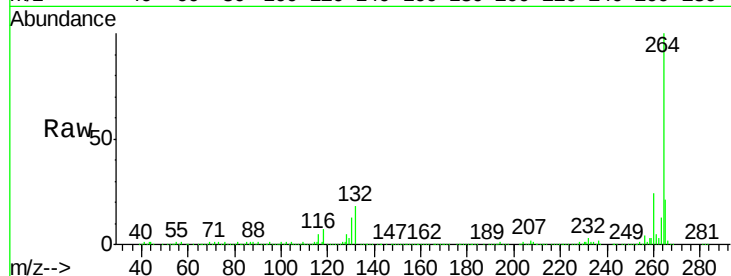




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092589.D
Acq: 27 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
ELT-BL-0-2

Tgt Ion: 264 Resp: 433591
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 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

