

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092587.D
 Acq On : 27 Jan 2017 20:31
 Operator : SJ/MA
 Sample : I1529-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-02-13-15

Quant Time: Jan 27 22:15:13 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

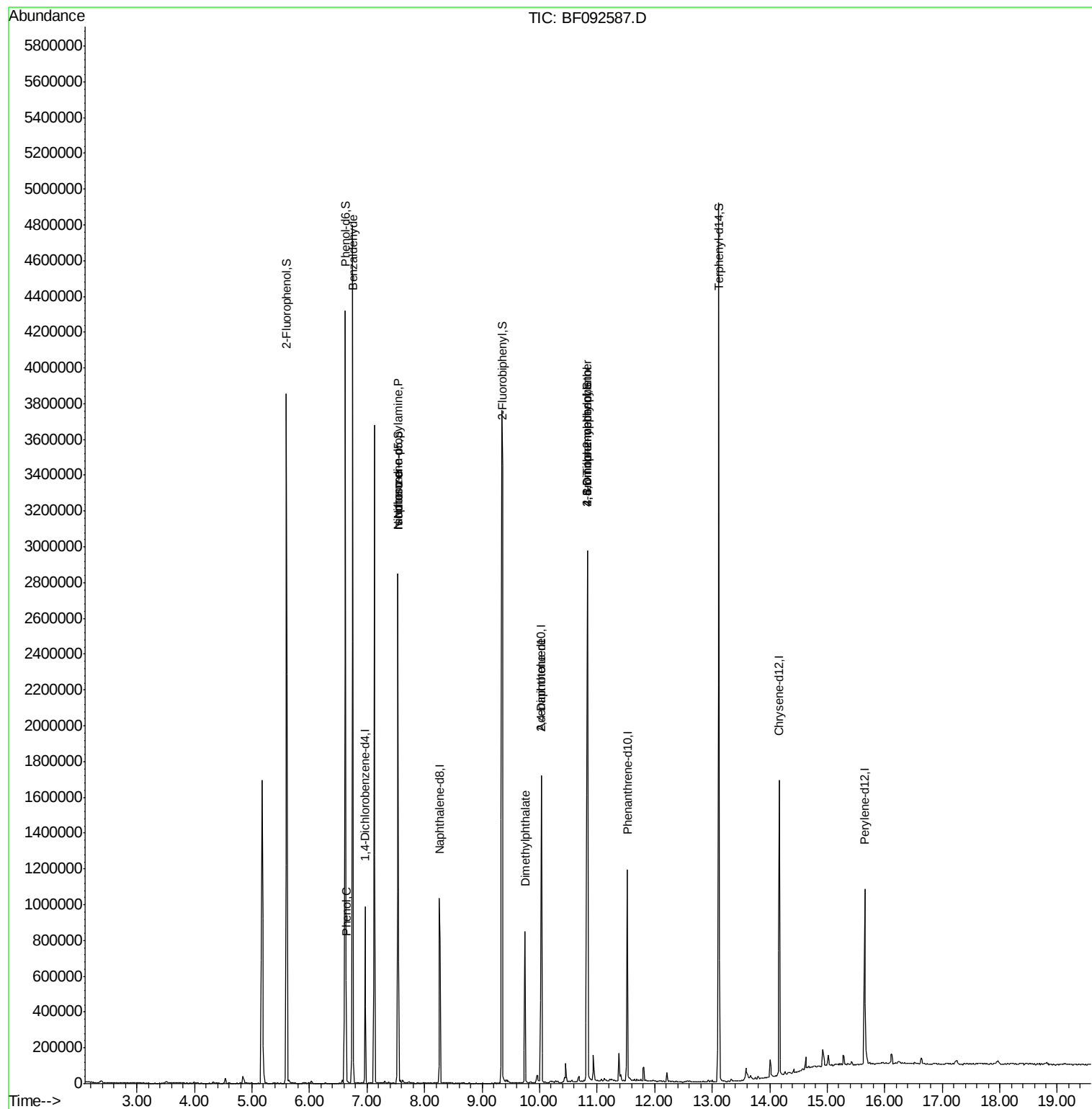
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160377	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663733	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	378855	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	668958	20.00	ng	0.00
75) Chrysene-d12	14.17	240	625096	20.00	ng	0.00
86) Perylene-d12	15.65	264	478062	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1460271	141.66	ng	0.05
7) Phenol-d6	6.62	99	1684730	128.31	ng	0.03
23) Nitrobenzene-d5	7.54	82	1075833	88.54	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	387725	150.18	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2127631	103.85	ng	0.00
78) Terphenyl-d14	13.12	244	1786971	76.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	30786	3.30	ng	Qvalue 82
10) Phenol	6.64	94	103984	6.56	ng	# 69
19) n-Nitroso-di-n-propylamine	7.54	70	142669	15.96	ng	# 83
25) Isophorone	7.54	82	1062972	44.39	ng	# 65
49) Dimethylphthalate	9.74	163	353671	14.68	ng	99
56) 2,4-Dinitrotoluene	10.03	165	47897	7.33	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.83	198	1145	5.24	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	30455	4.51	ng	# 1

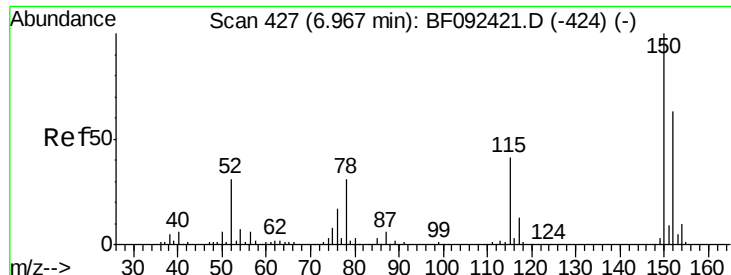
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092587.D
Acq On : 27 Jan 2017 20:31
Operator : SJ/MA
Sample : I1529-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELT-SB-02-13-15

Quant Time: Jan 27 22:15:13 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



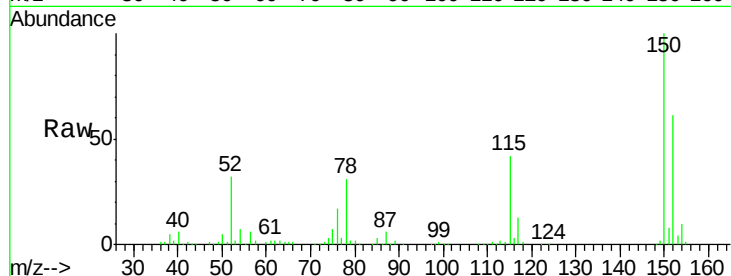


#1

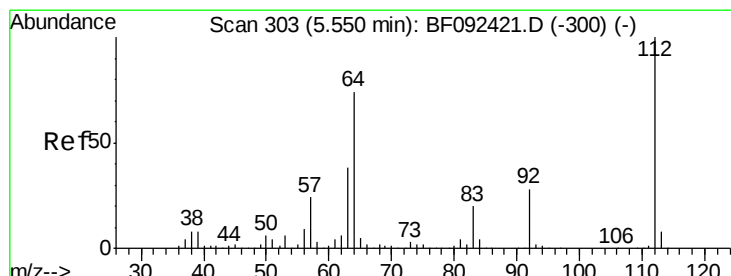
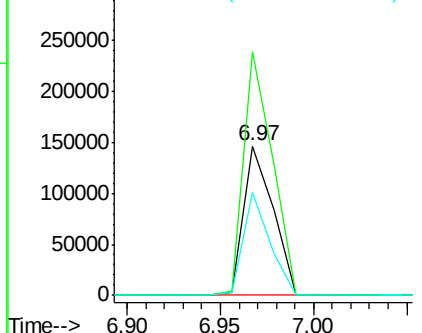
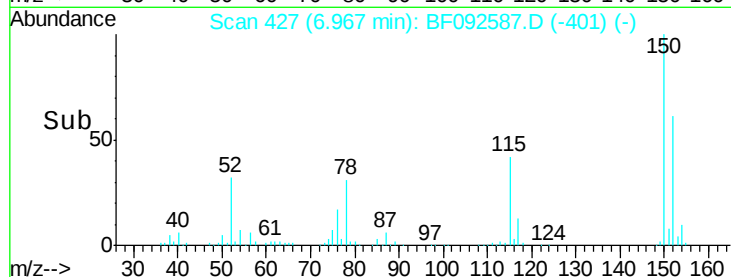
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
ELT-SB-02-13-15

Tgt Ion:152 Resp: 160377
Ion Ratio Lower Upper
152 100
150 162.9 124.9 187.3
115 68.4 46.0 69.0



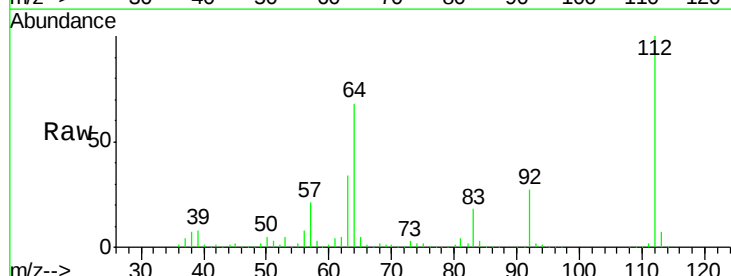
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



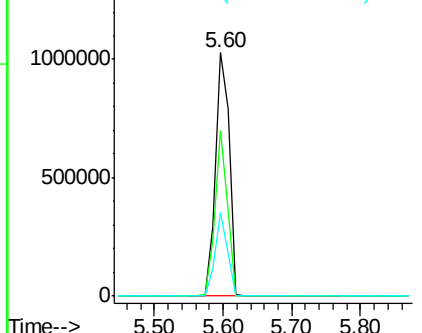
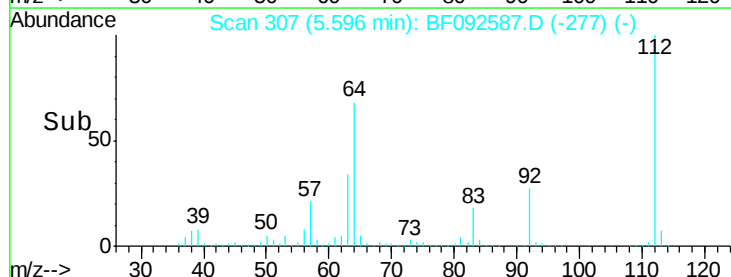
#5

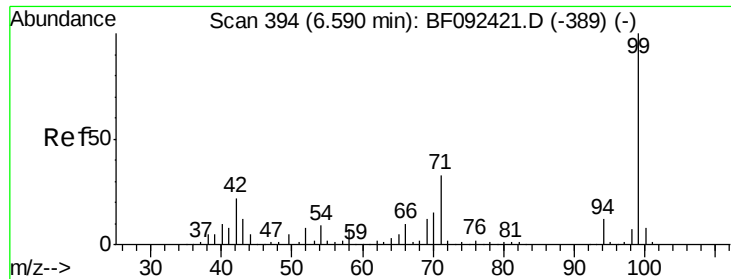
2-Fluorophenol
Concen: 141.66 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

Tgt Ion:112 Resp: 1460271
Ion Ratio Lower Upper
112 100
64 67.9 46.1 69.1
63 34.1 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: 128.31 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

ELT-SB-02-13-15

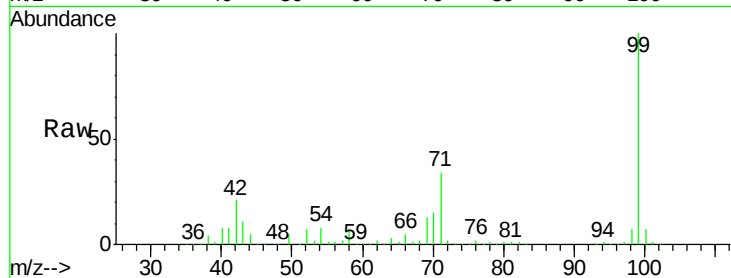
Tgt Ion: 99 Resp: 1684730

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

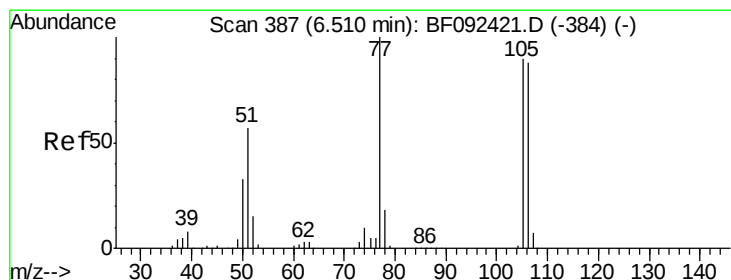
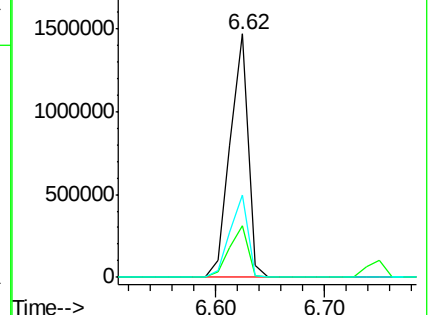
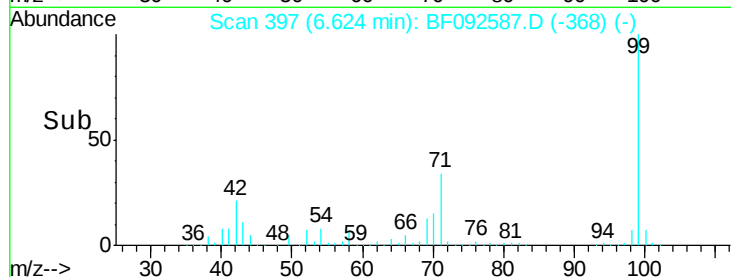
71 33.8 27.5 41.3



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



#9

Benzaldehyde

Concen: 3.30 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.24 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

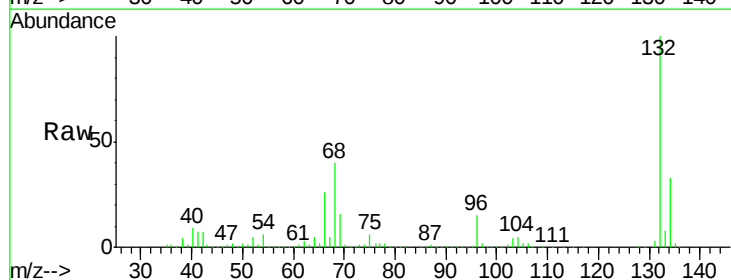
Tgt Ion: 77 Resp: 30786

Ion Ratio Lower Upper

77 100

105 84.5 83.9 123.9

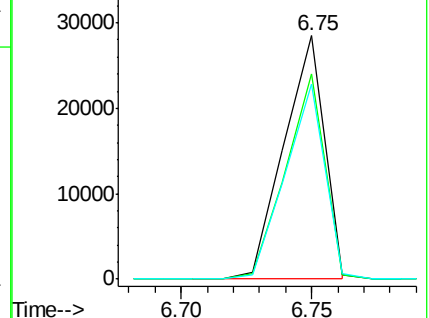
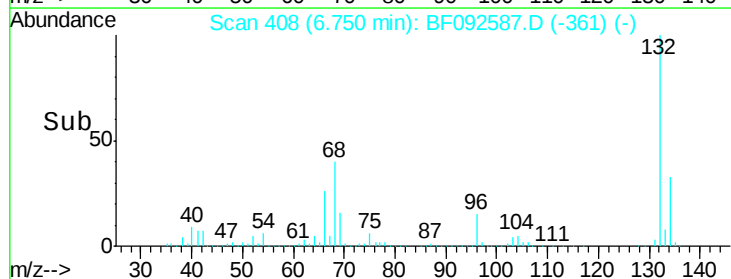
106 80.1 77.6 117.6

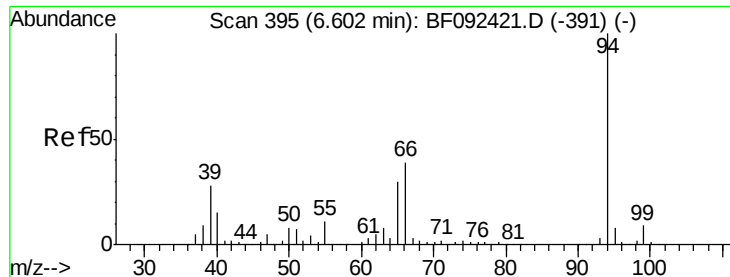


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.56 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

ELT-SB-02-13-15

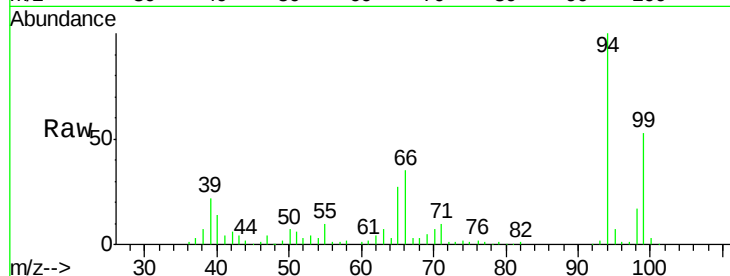
Tgt Ion: 94 Resp: 103984

Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

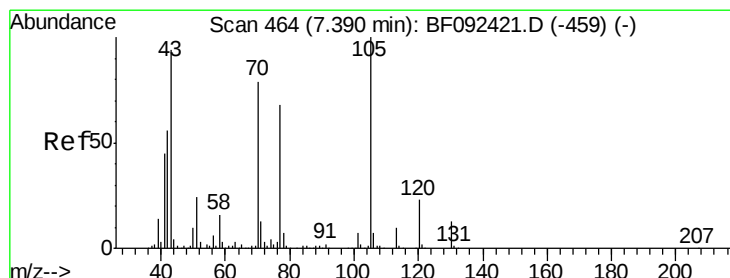
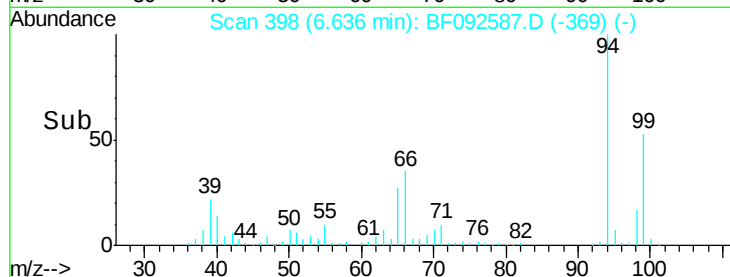
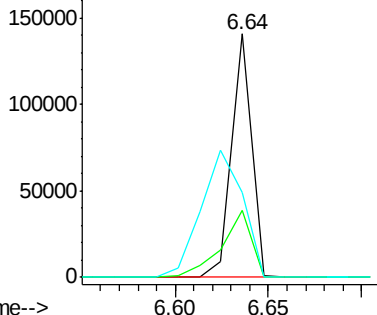
66 34.9 44.0 84.0#



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: 15.96 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Tgt Ion: 70 Resp: 142669

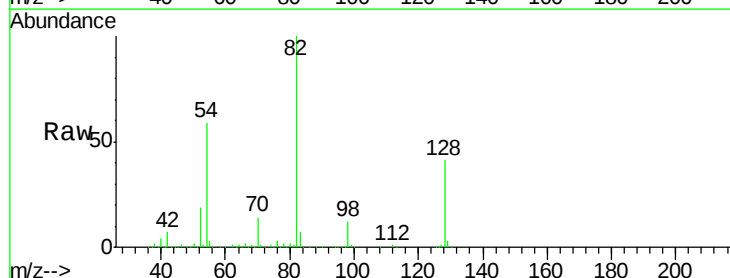
Ion Ratio Lower Upper

70 100

42 54.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

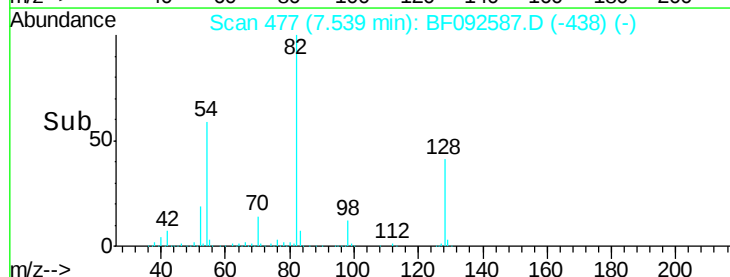
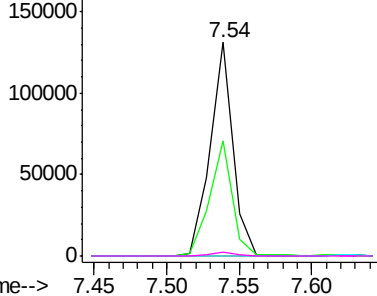


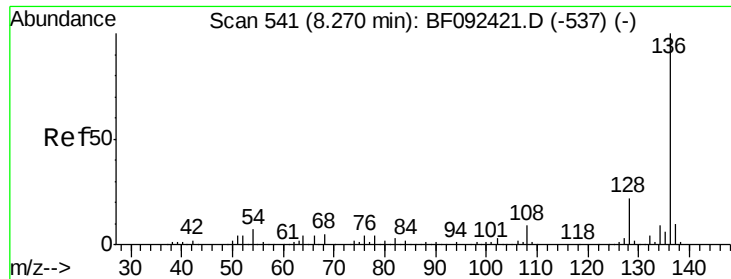
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

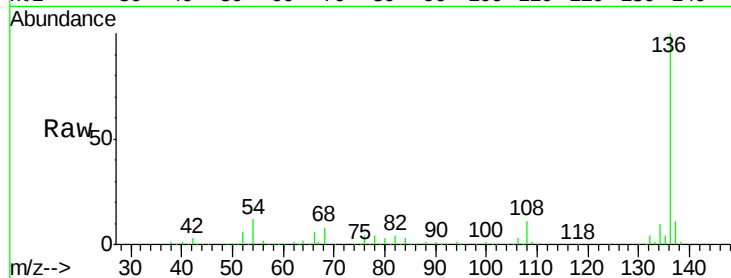




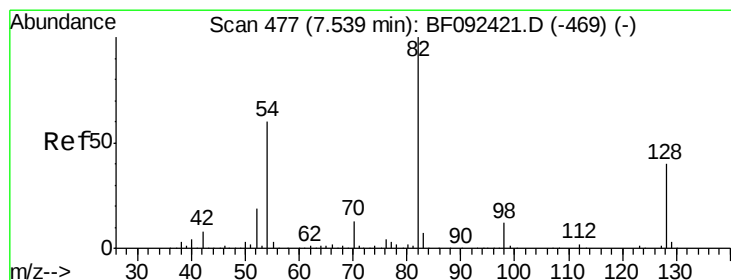
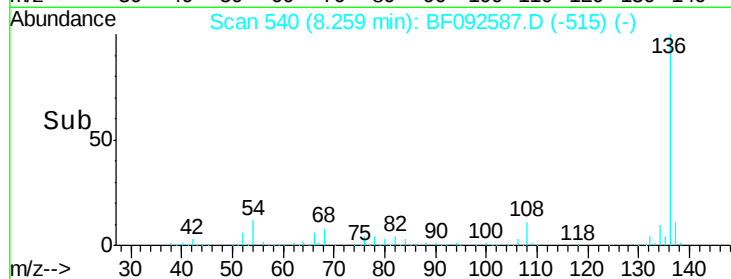
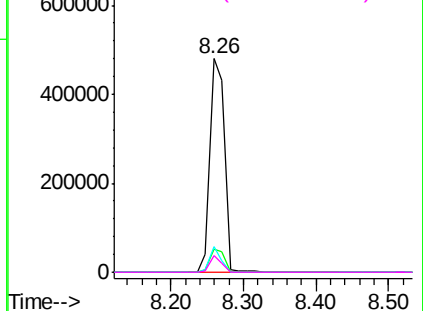
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

Instrument :
BNA_F
ClientSampleId :
ELT-SB-02-13-15

Tgt Ion: 136 Resp: 663733
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 12.3 4.5 6.7#
68 8.0 3.6 5.4#

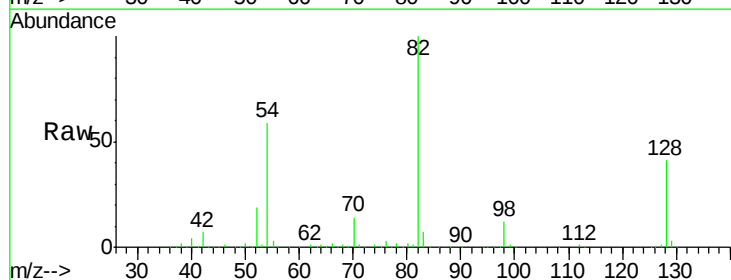


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

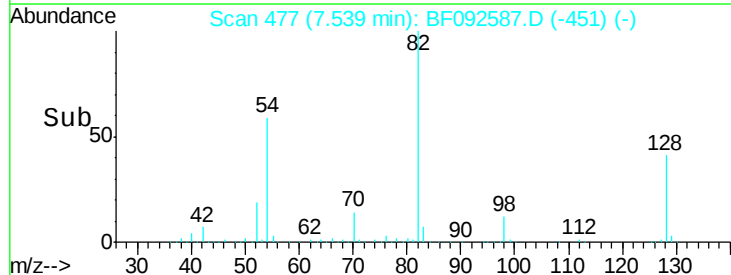
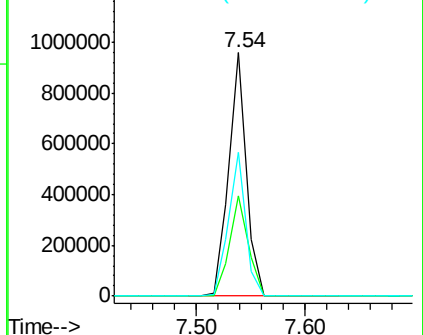


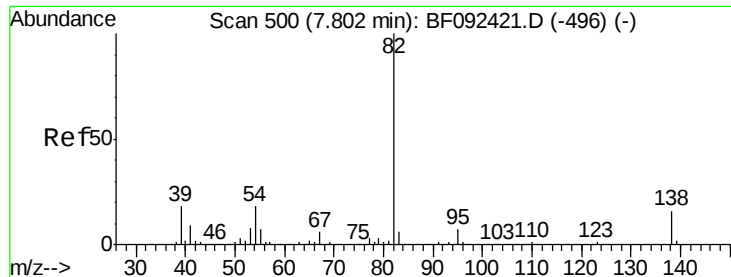
#23
Nitrobenzene-d5
Concen: 88.54 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

Tgt Ion: 82 Resp: 1075833
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 58.9 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





#25

Isophorone

Concen: 44.39 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

ELT-SB-02-13-15

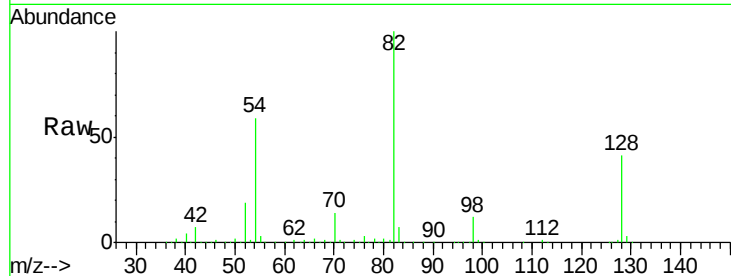
Tgt Ion: 82 Resp: 1062972

Ion Ratio Lower Upper

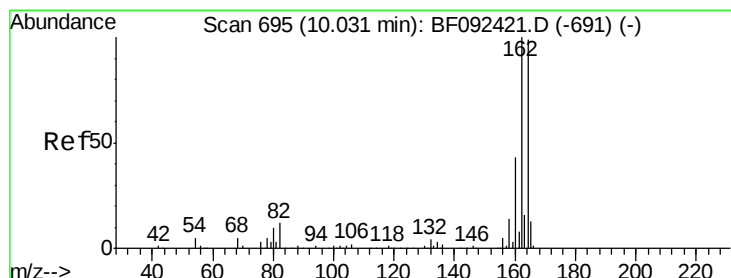
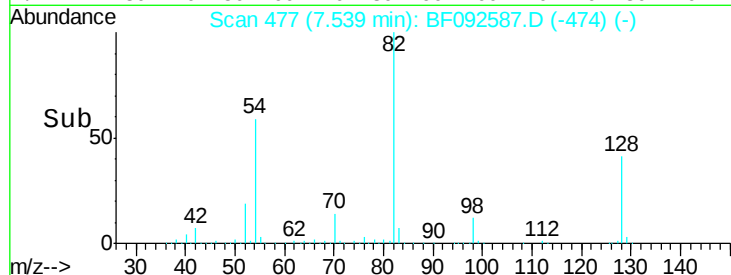
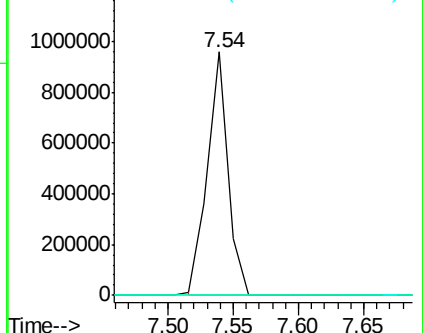
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

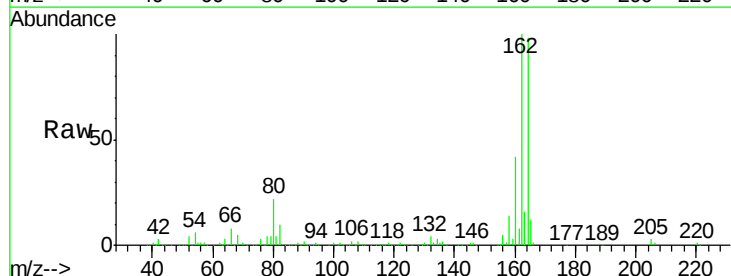
Tgt Ion: 164 Resp: 378855

Ion Ratio Lower Upper

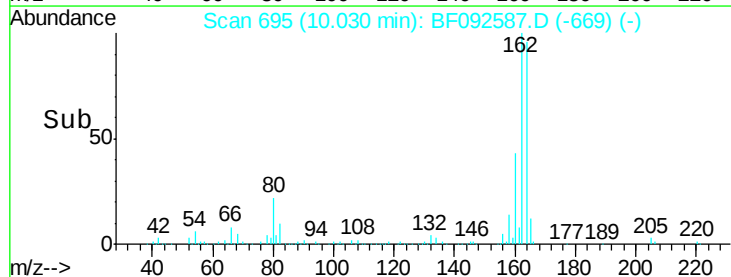
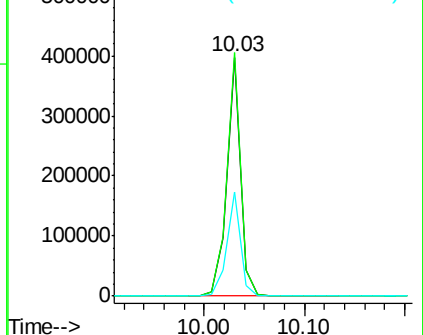
164 100

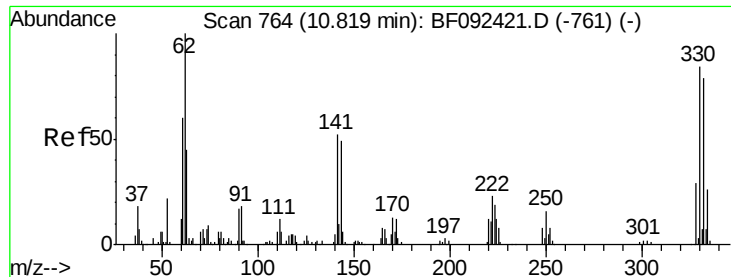
162 101.9 80.2 120.2

160 43.3 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: 150.18 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

ELT-SB-02-13-15

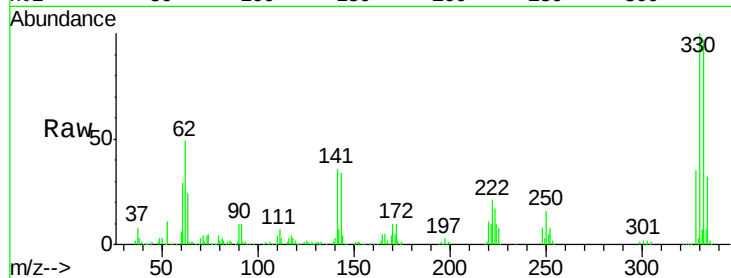
Tgt Ion:330 Resp: 387725

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

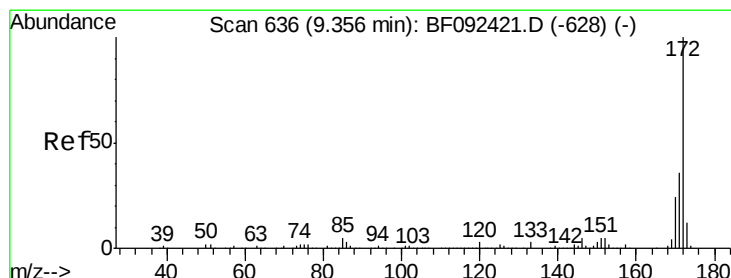
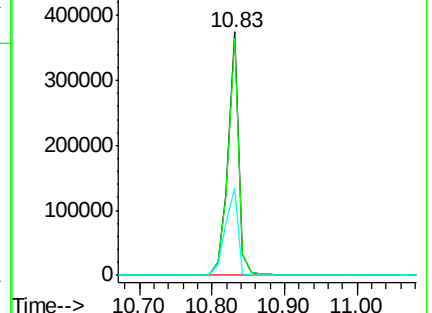
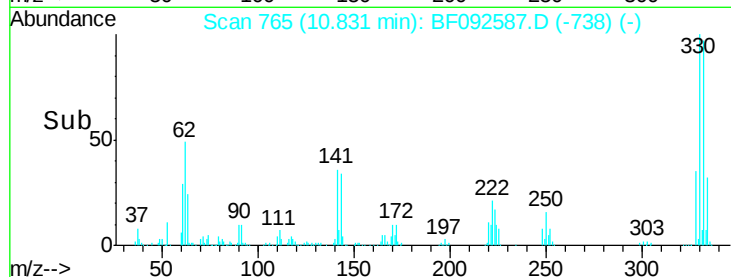
141 42.0 34.1 51.1



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: 103.85 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

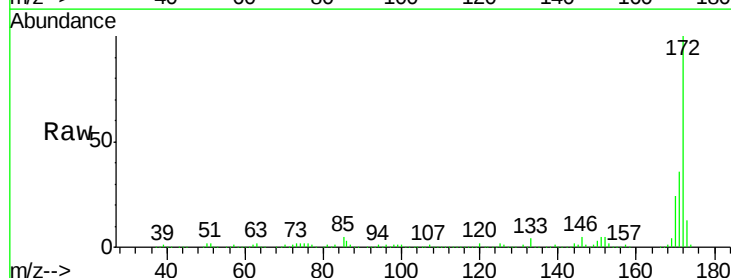
Tgt Ion:172 Resp: 2127631

Ion Ratio Lower Upper

172 100

171 36.3 29.4 44.0

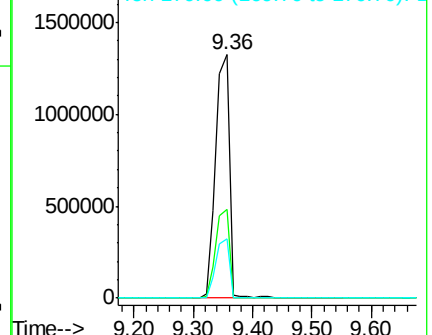
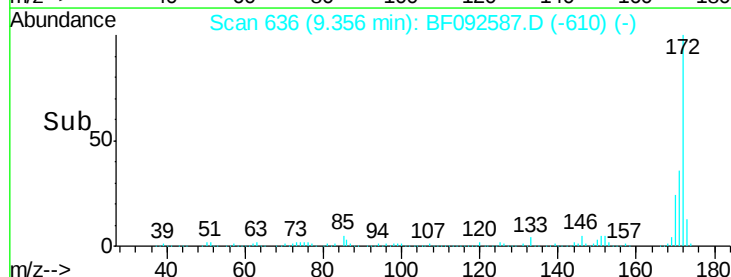
170 24.5 20.2 30.4

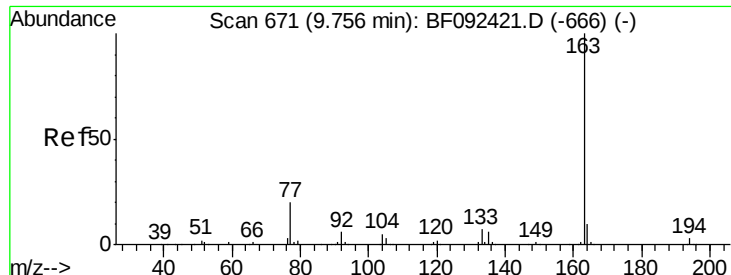


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

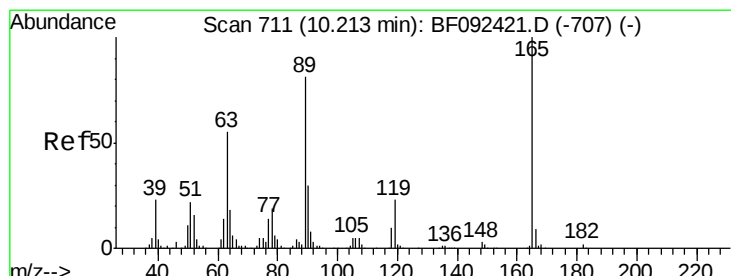
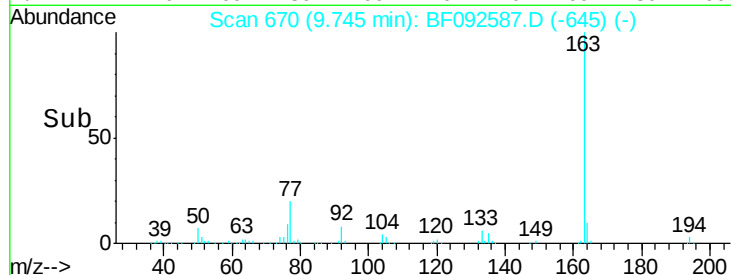
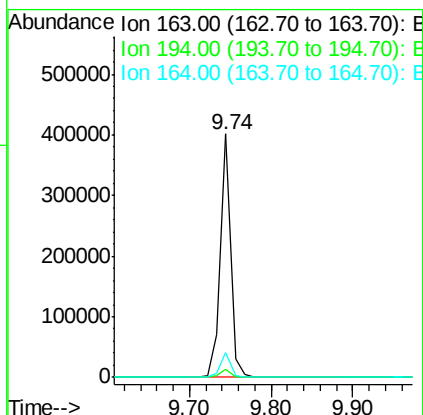
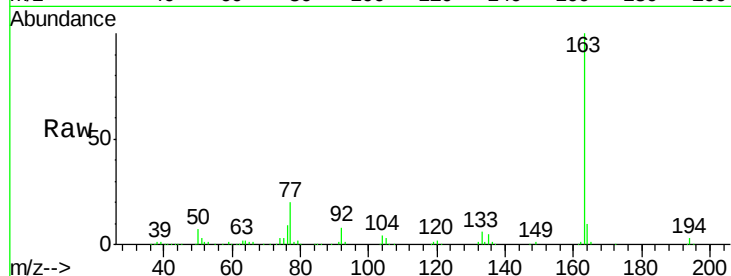




#49
Dimethylphthalate
Concen: 14.68 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

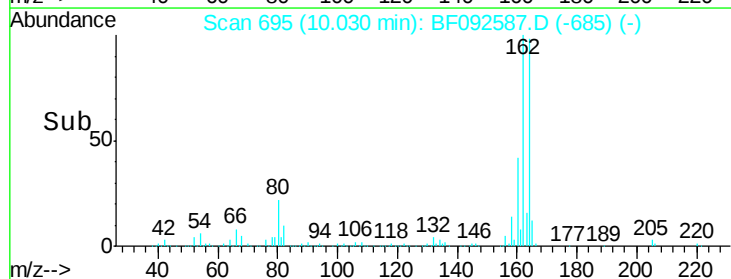
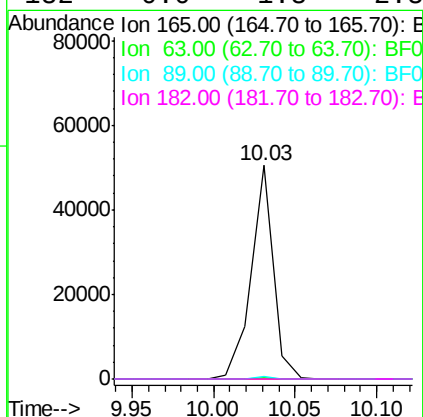
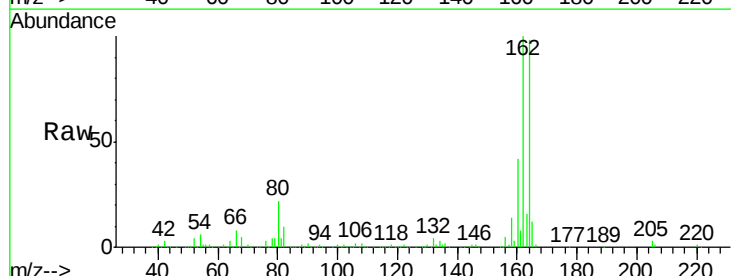
Instrument :
BNA_F
ClientSampleId :
ELT-SB-02-13-15

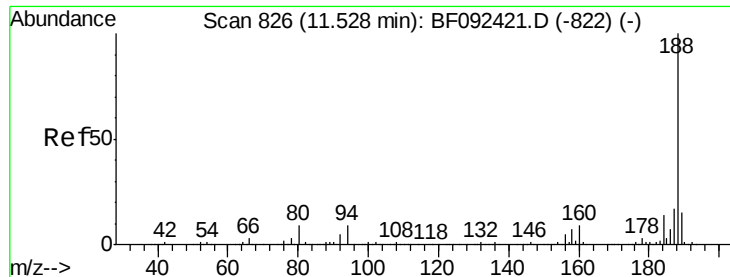
Tgt Ion:163 Resp: 353671
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092587.D
Acq: 27 Jan 2017 20:31

Tgt Ion:165 Resp: 47897
Ion Ratio Lower Upper
165 100
63 0.9 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#

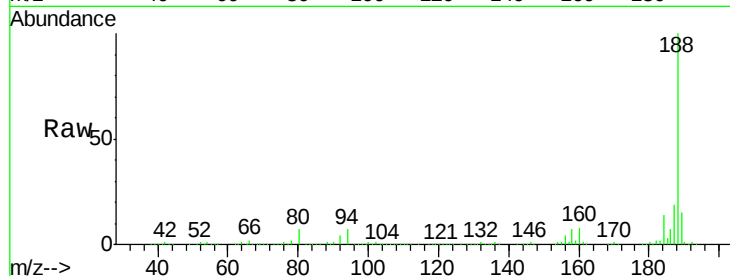




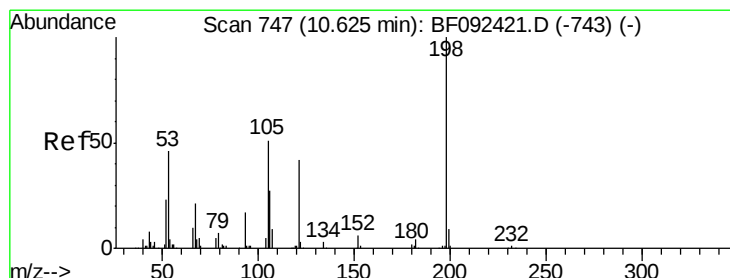
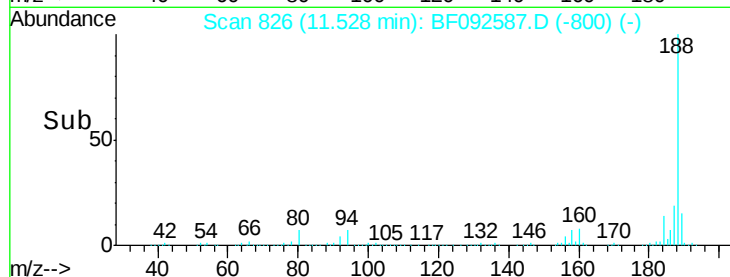
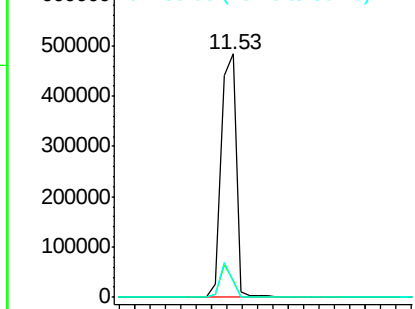
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092587.D
 Acq: 27 Jan 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-02-13-15

Tgt Ion:188 Resp: 668958
 Ion Ratio Lower Upper
 188 100
 94 7.1 10.0 15.0#
 80 6.7 11.2 16.8#

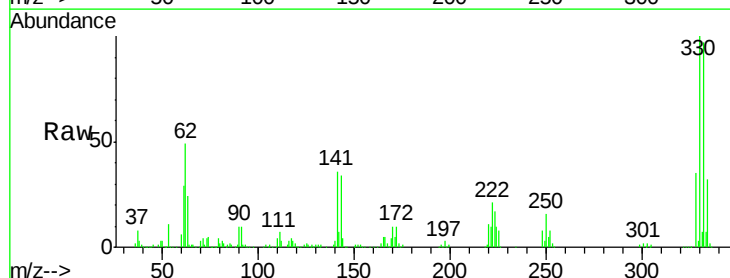


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

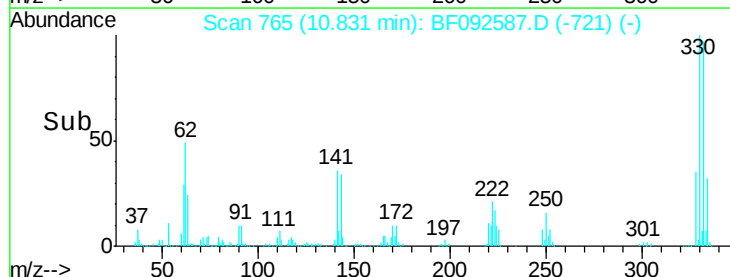
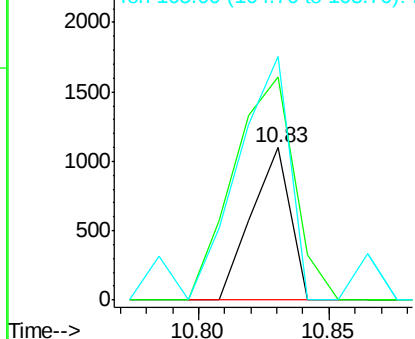


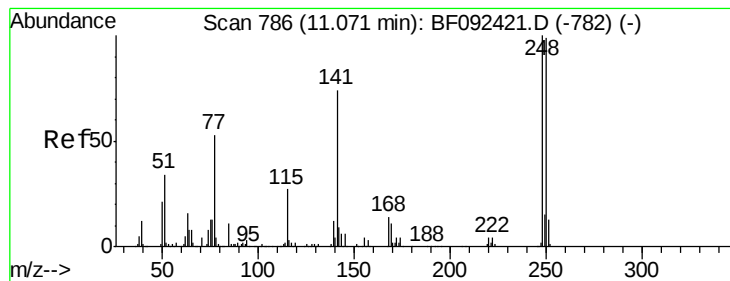
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.24 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.21 min
 Lab File: BF092587.D
 Acq: 27 Jan 2017 20:31

Tgt Ion:198 Resp: 1145
 Ion Ratio Lower Upper
 198 100
 51 146.8 6.7 46.7#
 105 159.9 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: 4.51 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.24 min

Lab File: BF092587.D

Acq: 27 Jan 2017 20:31

Instrument :

BNA_F

ClientSampleId :

ELT-SB-02-13-15

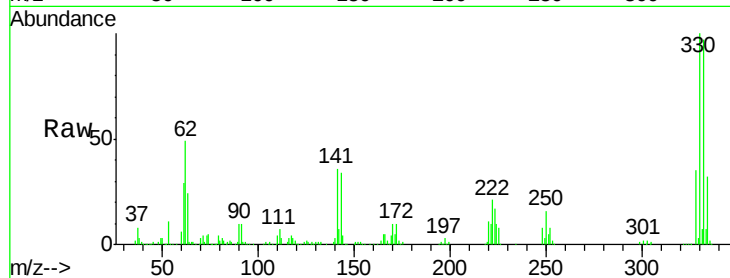
Tgt Ion:248 Resp: 30455

Ion Ratio Lower Upper

248 100

250 200.5 76.9 115.3#

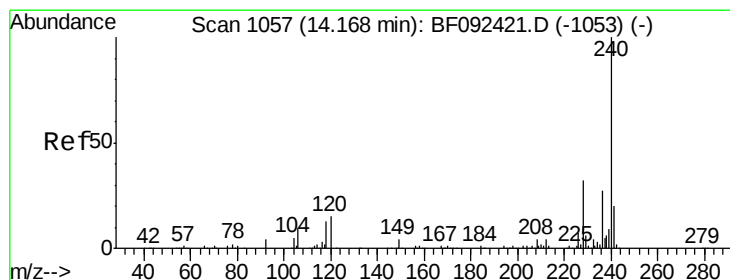
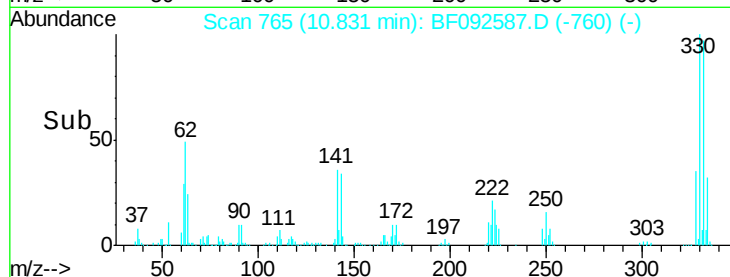
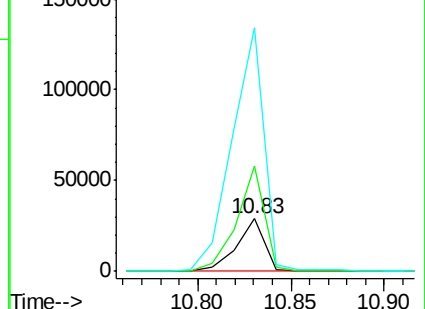
141 461.5 68.2 102.4#



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: BF092587.D

Acq: 27 Jan 2017 20:31

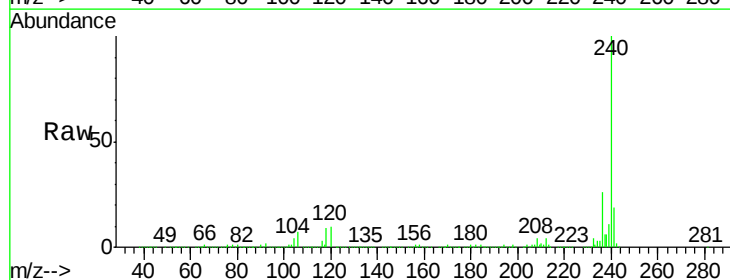
Tgt Ion:240 Resp: 625096

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

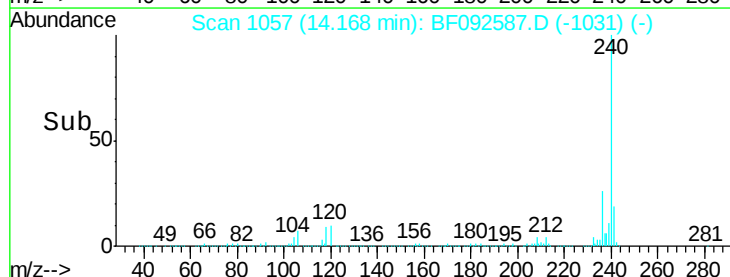
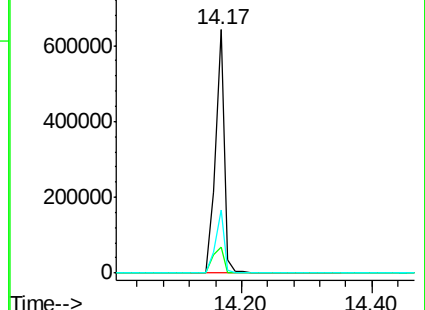
236 26.1 20.9 31.3

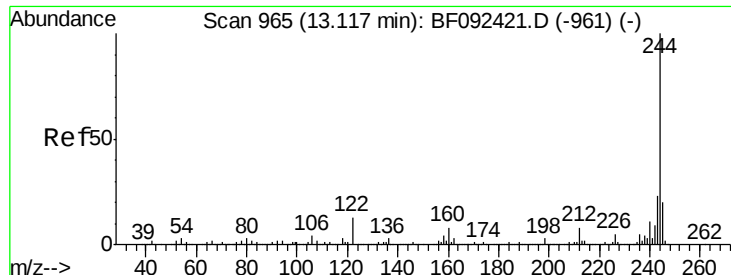


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

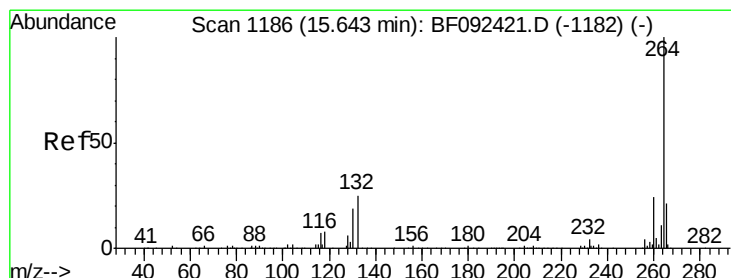
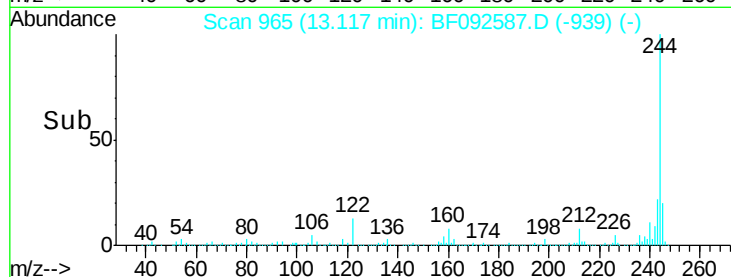
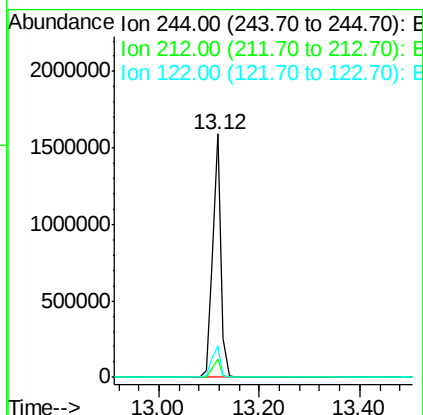
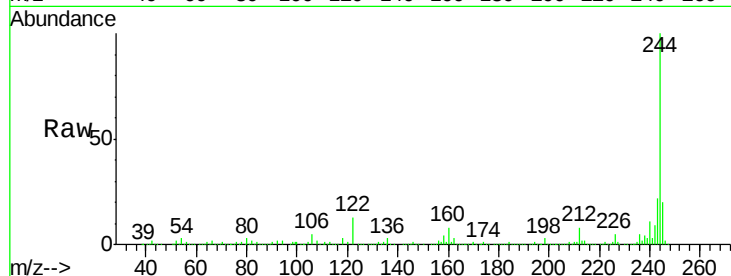




#78
 Terphenyl-d14
 Concen: 76.12 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF092587.D
 Acq: 27 Jan 2017 20:31

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-02-13-15

Tgt Ion:244 Resp: 1786971
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092587.D
 Acq: 27 Jan 2017 20:31

Tgt Ion:264 Resp: 478062
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.4 26.0

