

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092544.D
 Acq On : 27 Jan 2017 00:10
 Operator : SJ/MA
 Sample : I1451-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Jan 27 01:41:45 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

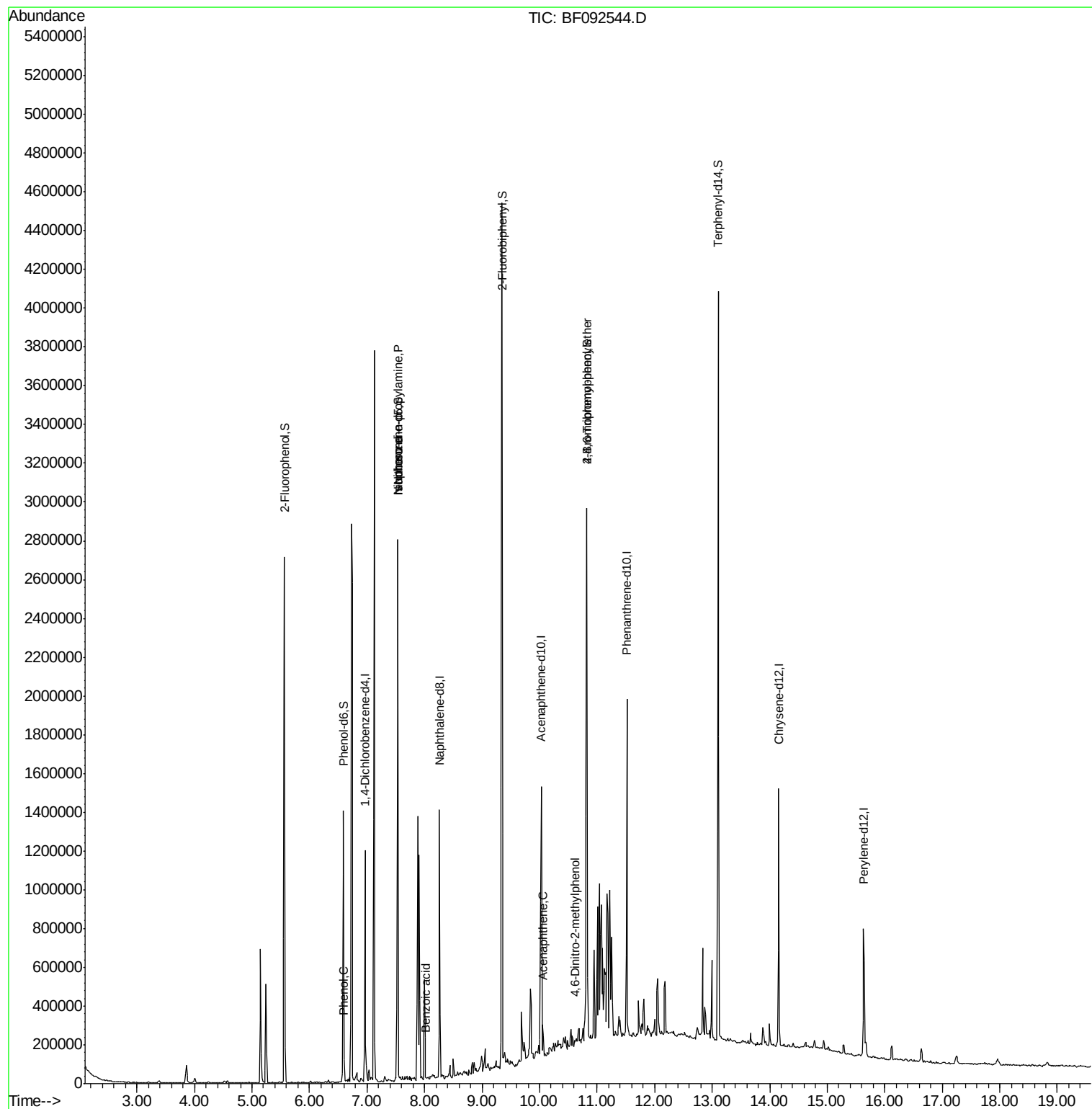
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162441	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	646114	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	373708	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	625951	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	495321	20.00	ng	-0.01
86) Perylene-d12	15.63	264	352857	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	681546	65.28	ng	0.01
7) Phenol-d6	6.59	99	620625	46.67	ng	0.00
23) Nitrobenzene-d5	7.54	82	1187850	100.43	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	323599	127.07	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1722917	85.25	ng	-0.01
78) Terphenyl-d14	13.10	244	1531986	82.36	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	34794	2.17	ng	# 63
19) n-Nitroso-di-n-propylamine	7.54	70	161425	17.82	ng	# 78
25) Isophorone	7.54	82	1100463	47.21	ng	# 65
32) Benzoic acid	8.02	122	759	4.78	ng	# 27
51) Acenaphthene	10.05	154	45528	2.26	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	697	5.14	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	24796	3.92	ng	# 1

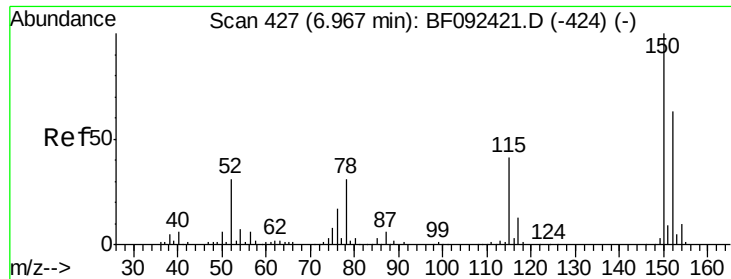
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
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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: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampled :

W-29

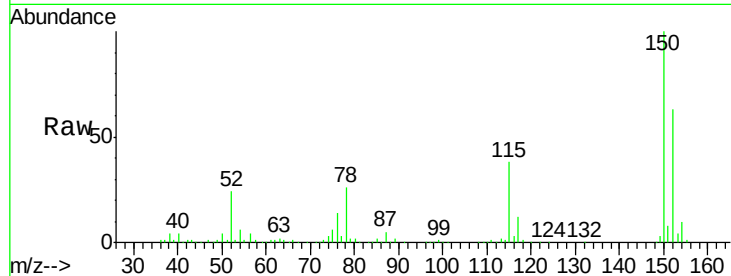
Tgt Ion:152 Resp: 162441

Ion Ratio Lower Upper

152 100

150 159.7 124.9 187.3

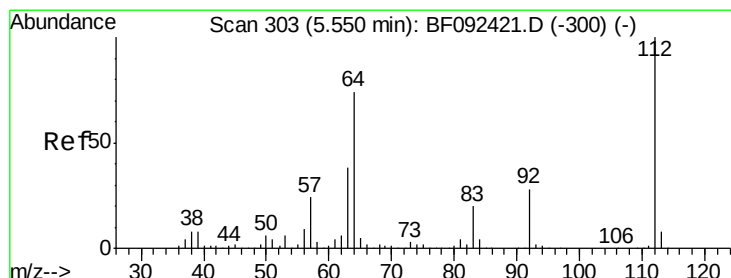
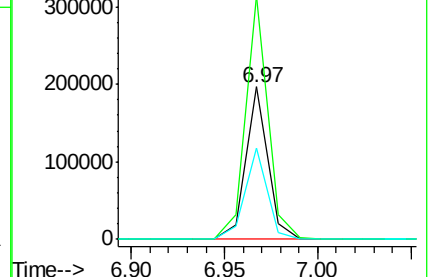
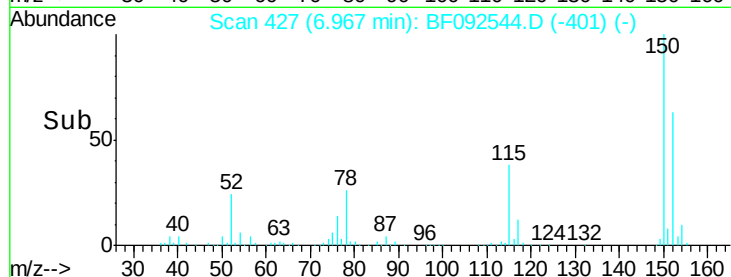
115 60.1 46.0 69.0



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: 65.28 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

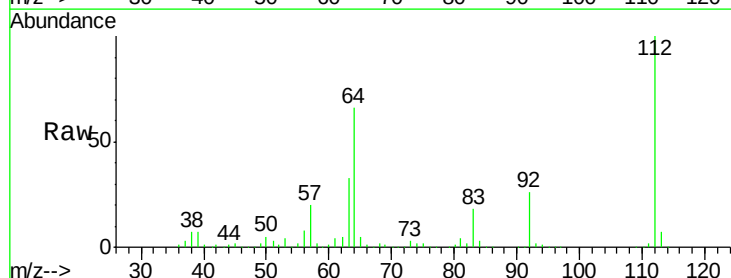
Tgt Ion:112 Resp: 681546

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

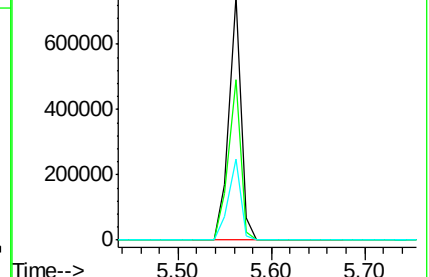
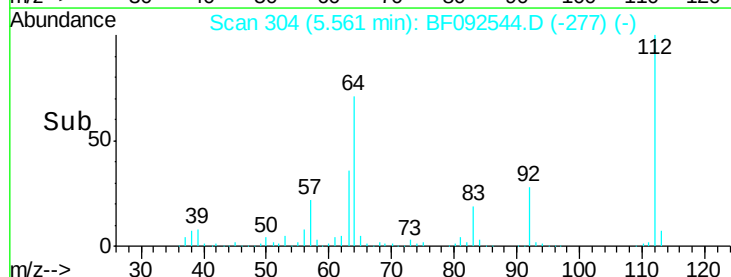
63 33.2 23.8 35.6

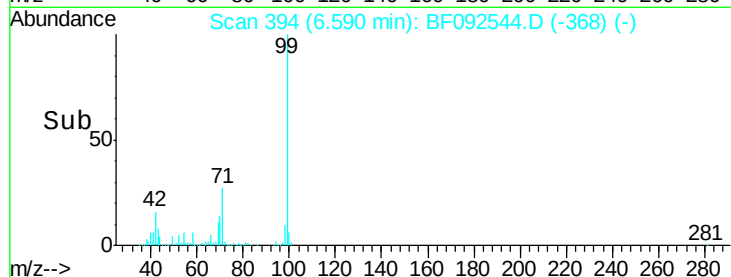
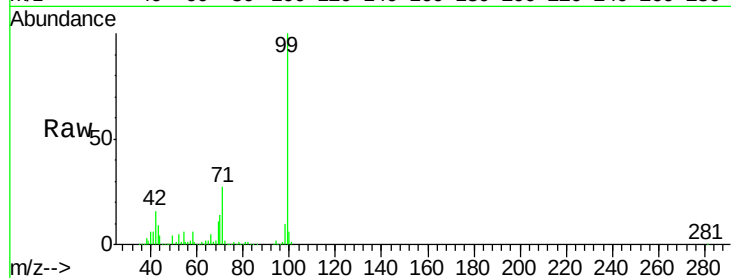
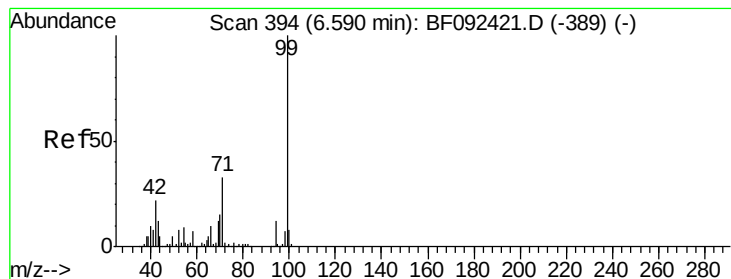


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.67 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampleId :

W-29

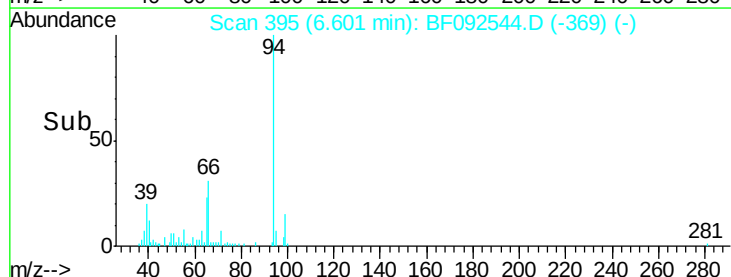
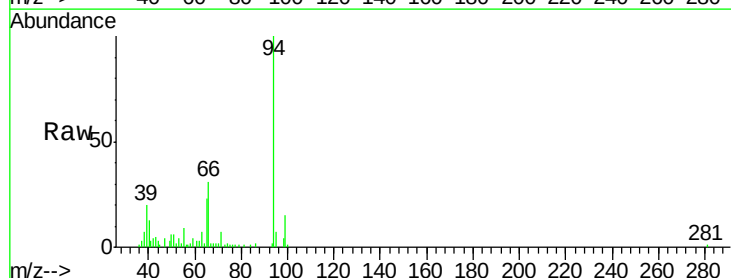
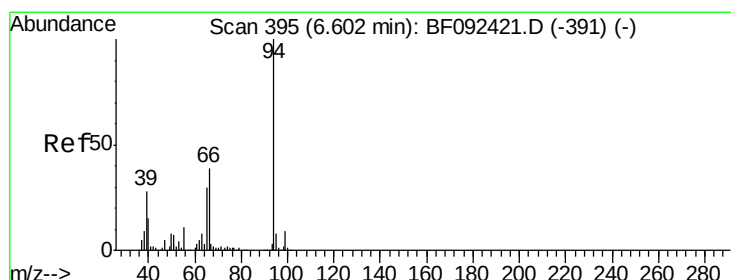
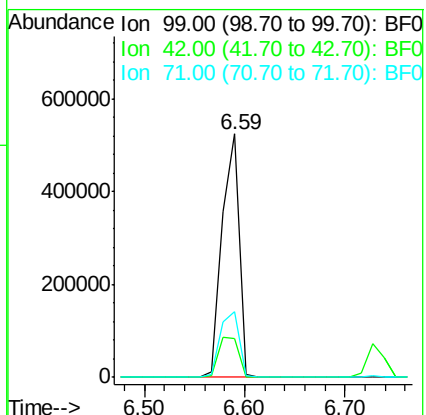
Tgt Ion: 99 Resp: 620625

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

71 27.2 27.5 41.3#



#10

Phenol

Concen: 2.17 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

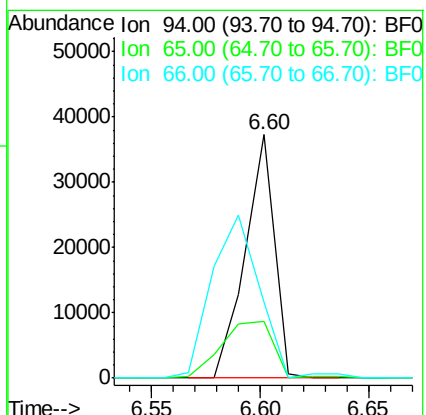
Tgt Ion: 94 Resp: 34794

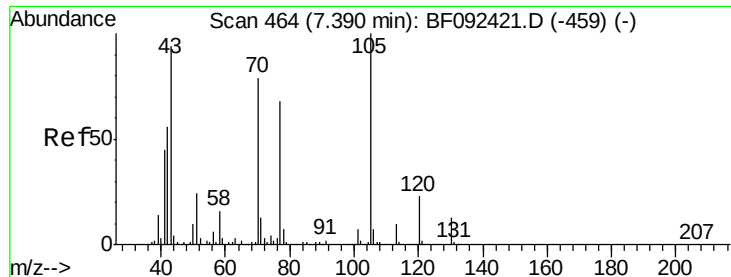
Ion Ratio Lower Upper

94 100

65 23.2 21.4 61.4

66 31.2 44.0 84.0#

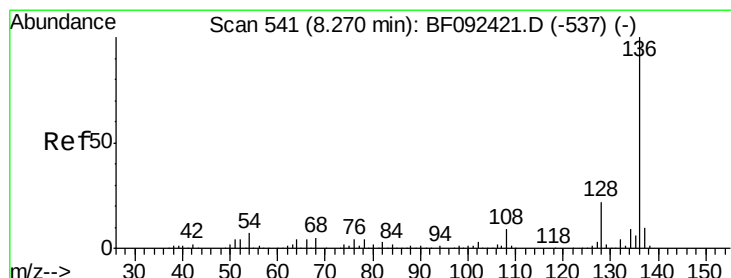
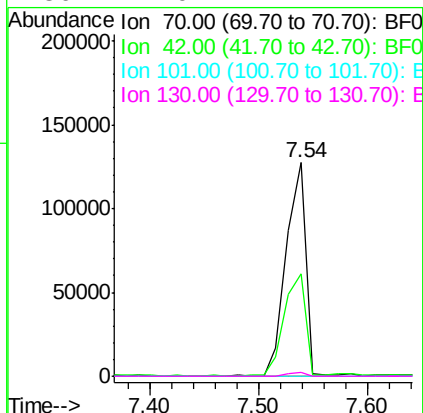
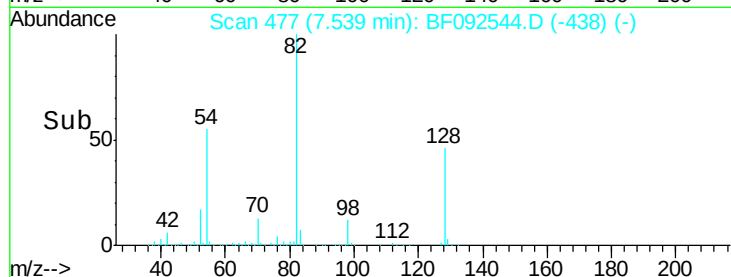
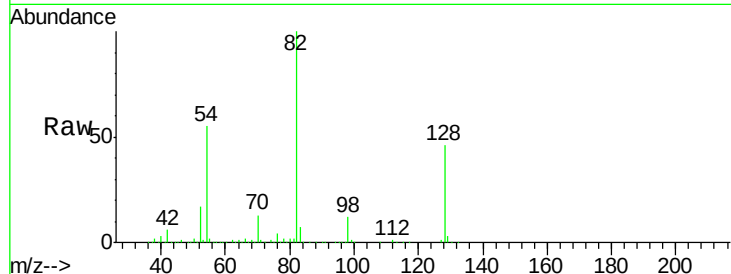




#19
n-Nitroso-di-n-propylamine
Concen: 17.82 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

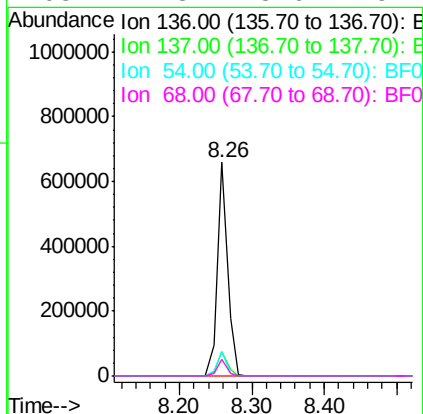
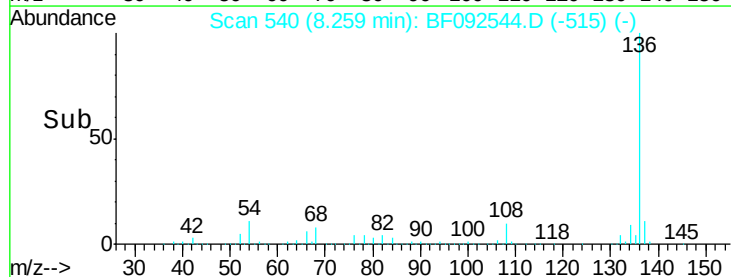
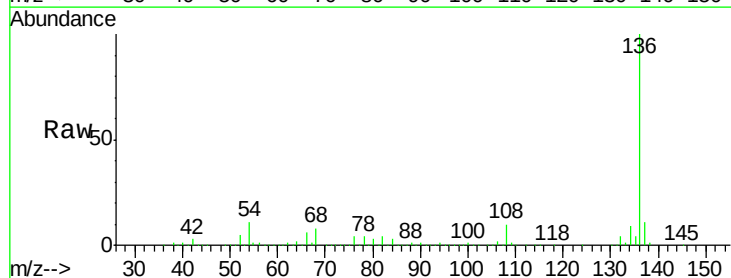
Instrument :
BNA_F
ClientSampleId :
W-29

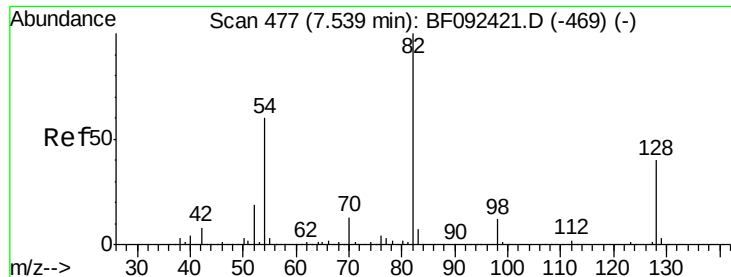
Tgt Ion: 70 Resp: 161425
Ion Ratio Lower Upper
70 100
42 47.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

Tgt Ion: 136 Resp: 646114
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 11.2 4.5 6.7#
68 7.8 3.6 5.4#

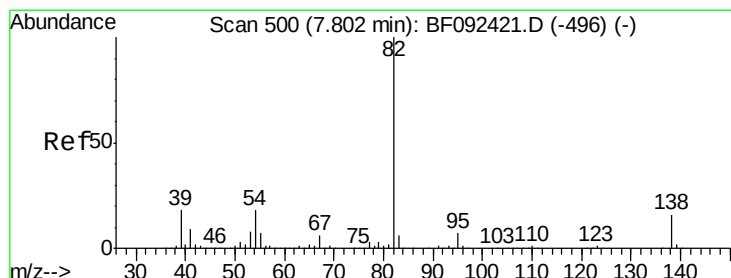
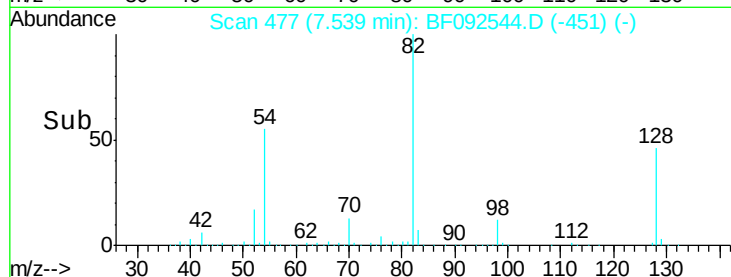
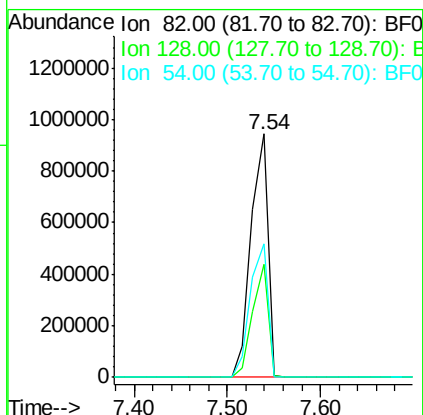
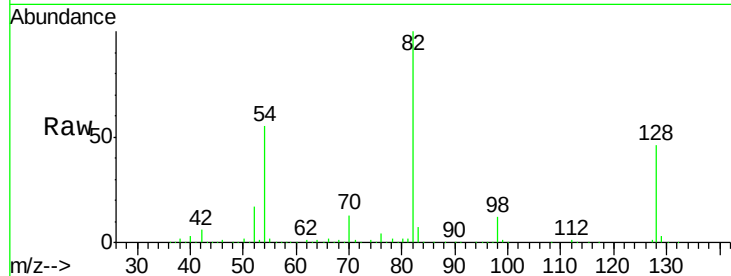




#23
 Nitrobenzene-d5
 Concen: 100.43 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

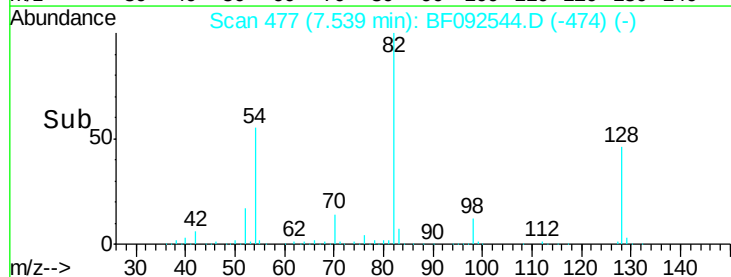
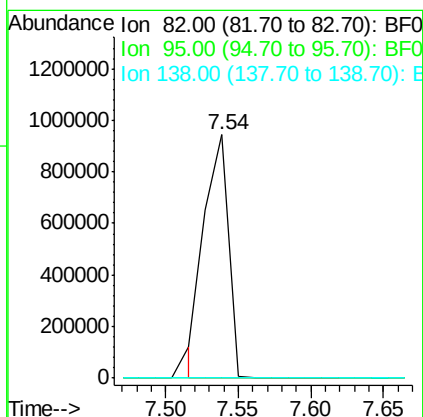
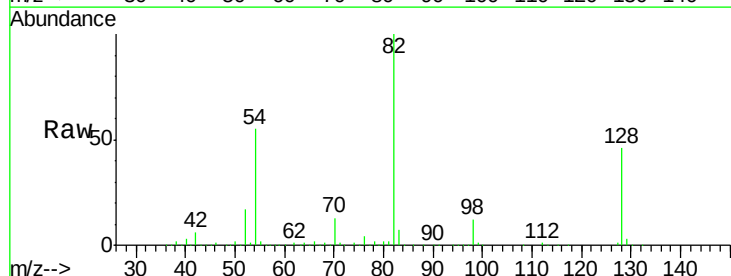
Instrument :
 BNA_F
 ClientSampleID :
 W-29

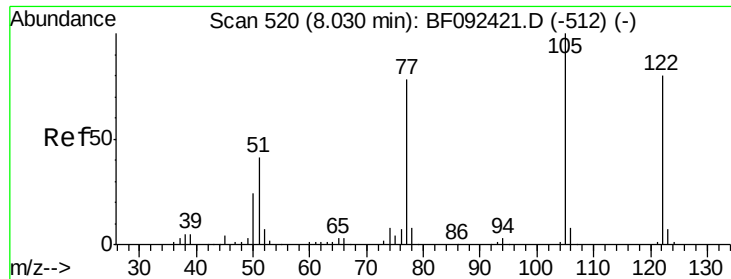
Tgt Ion: 82 Resp: 1187850
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.6 52.0
 54 55.0 39.5 59.3



#25
 Isophorone
 Concen: 47.21 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Tgt Ion: 82 Resp: 1100463
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 4.78 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampleId :

W-29

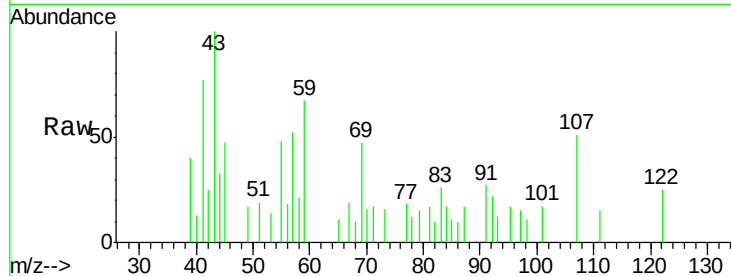
Tgt Ion:122 Resp: 759

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

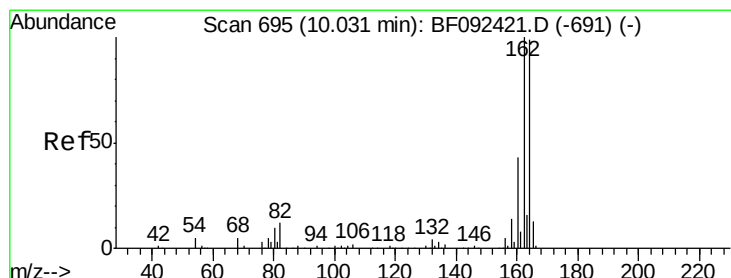
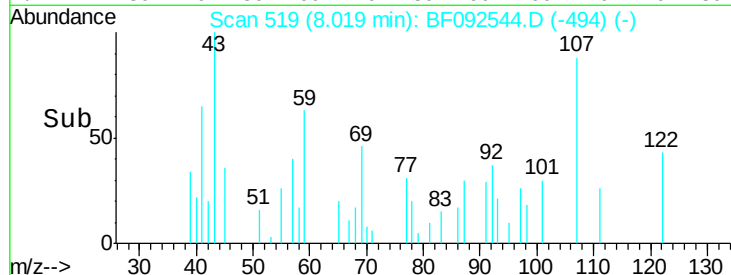
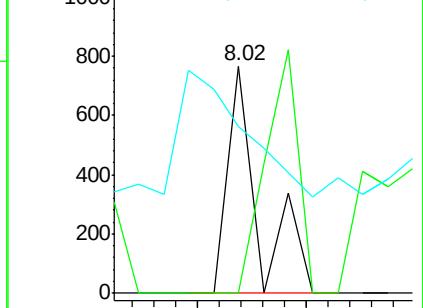
77 73.2 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

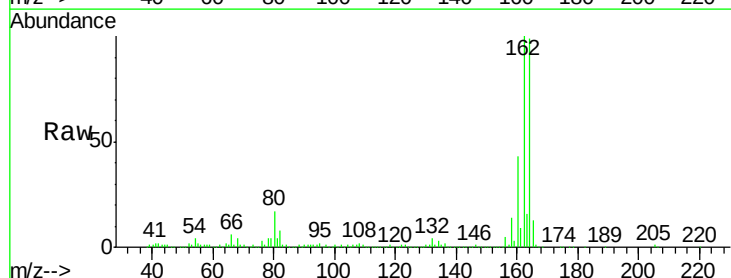
Tgt Ion:164 Resp: 373708

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

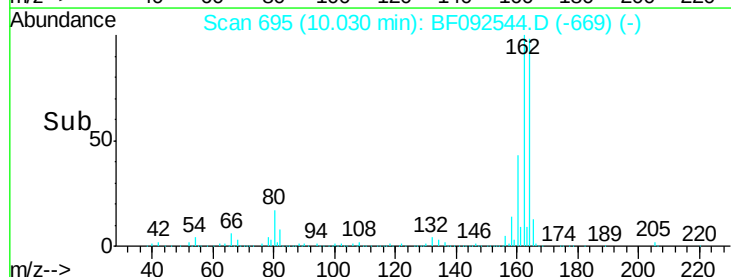
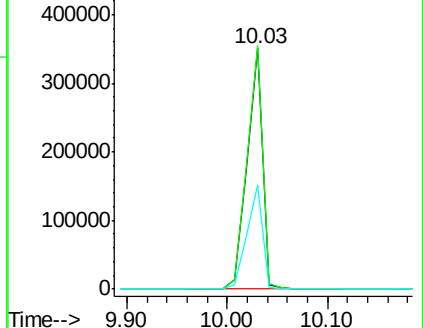
160 43.1 36.9 55.3

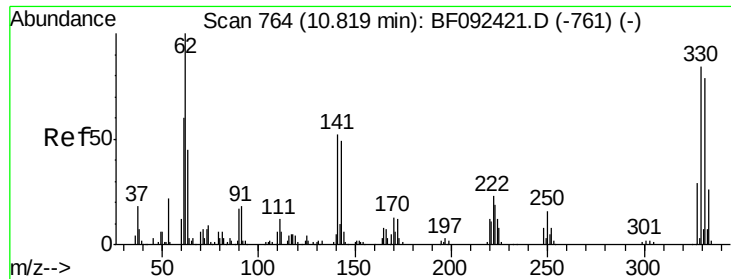


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

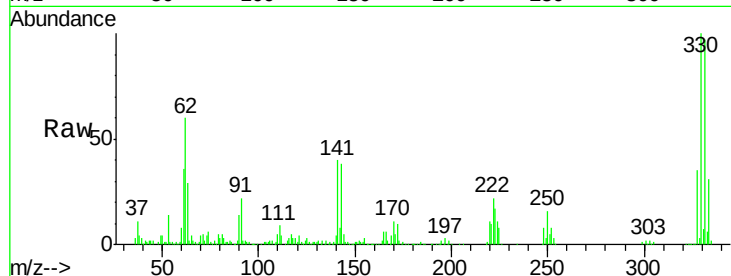




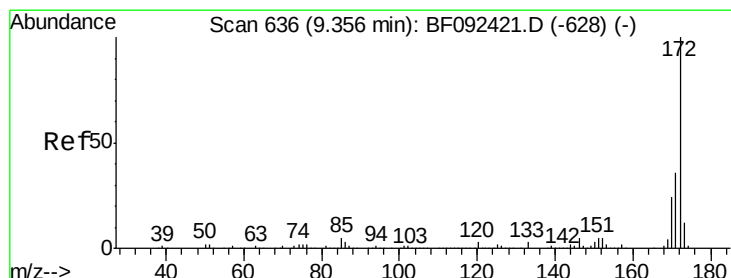
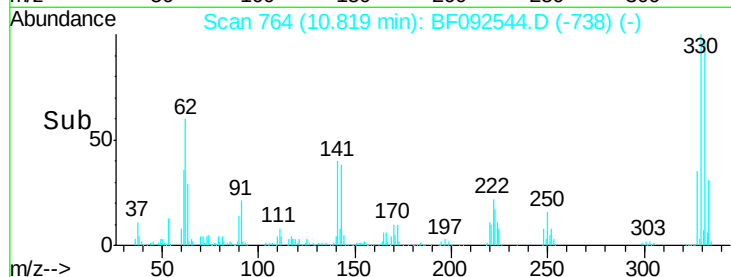
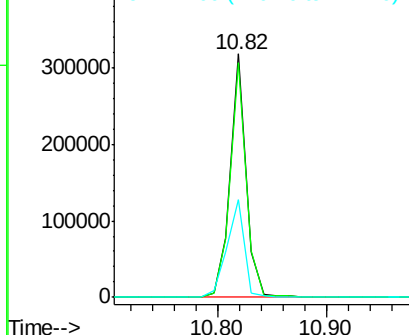
#41
 2,4,6-Tribromophenol
 Concen: 127.07 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 323599
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 42.9 34.1 51.1

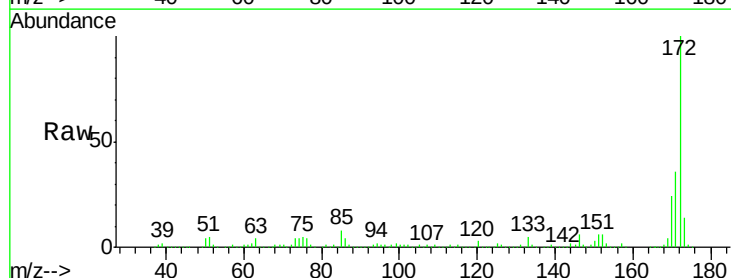


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

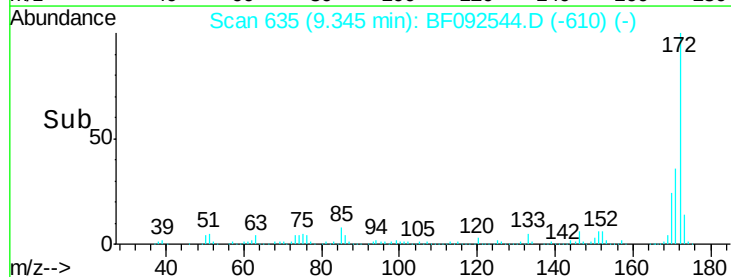
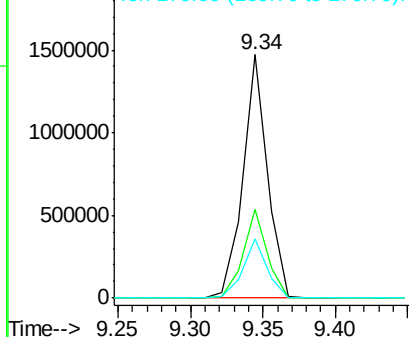


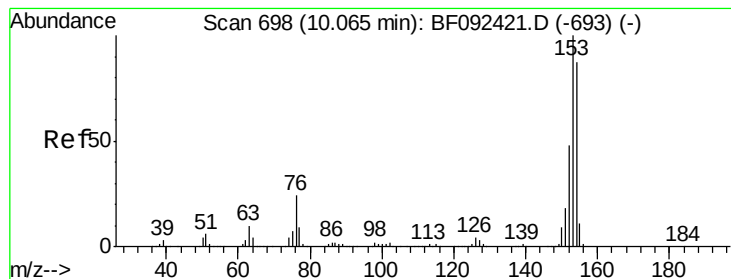
#44
 2-Fluorobiphenyl
 Concen: 85.25 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Tgt Ion:172 Resp: 1722917
 Ion Ratio Lower Upper
 172 100
 171 36.5 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





#51

Acenaphthene

Concen: 2.26 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampled :

W-29

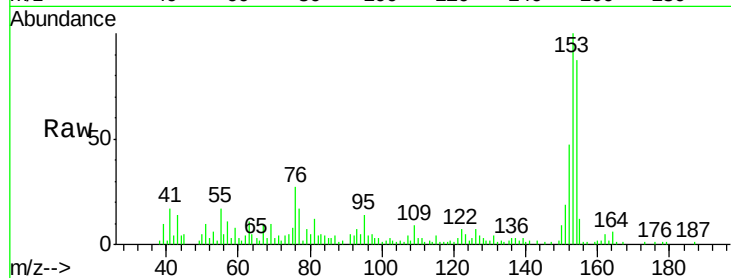
Tgt Ion:154 Resp: 45528

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

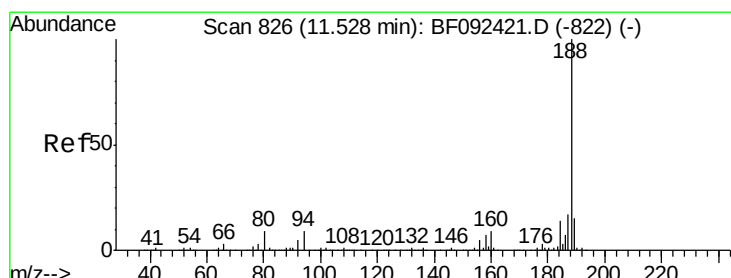
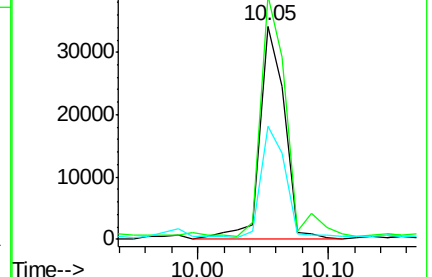
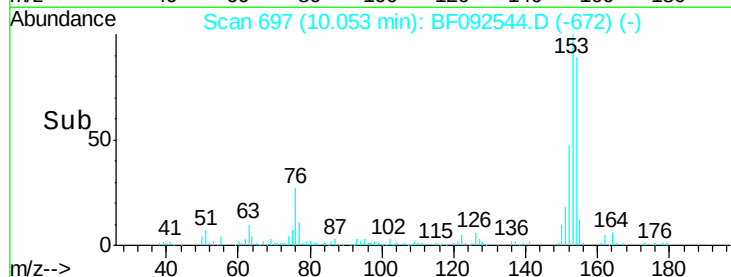
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

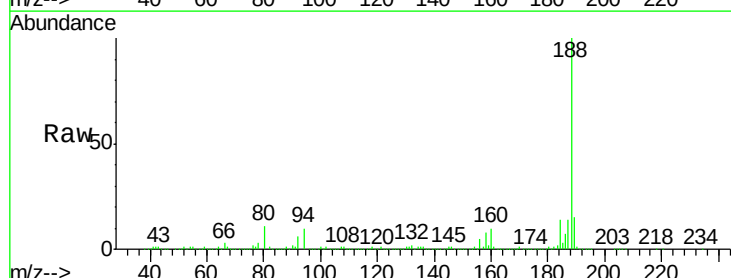
Tgt Ion:188 Resp: 625951

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

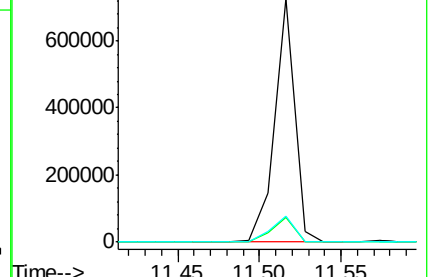
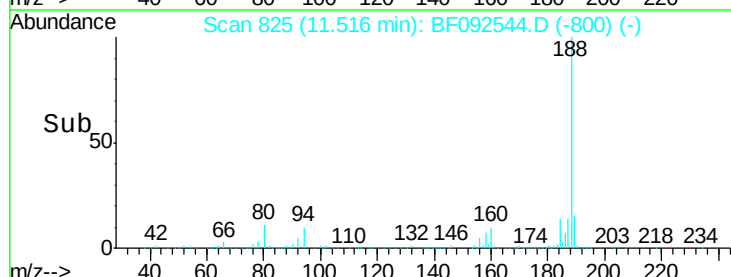
80 10.8 11.2 16.8#

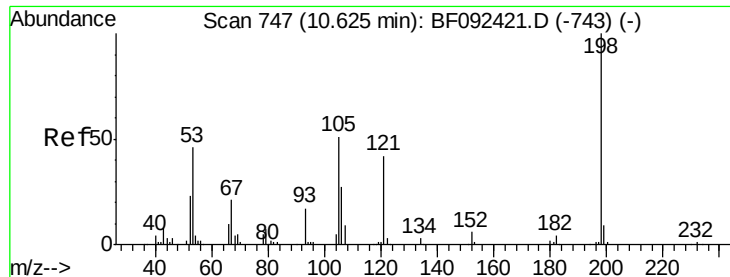


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

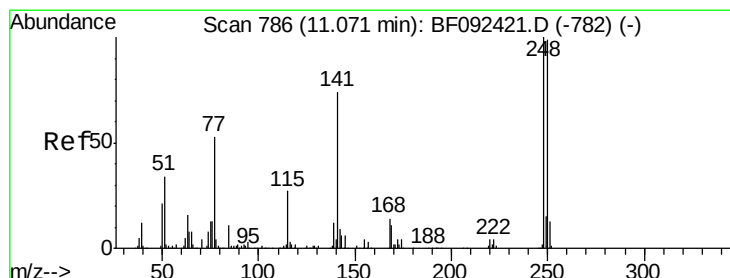
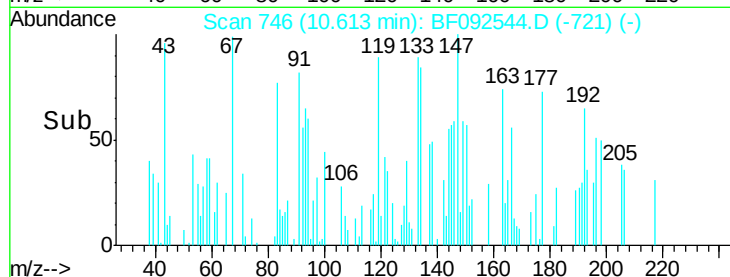
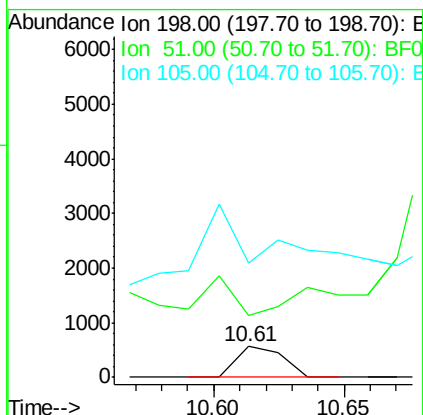
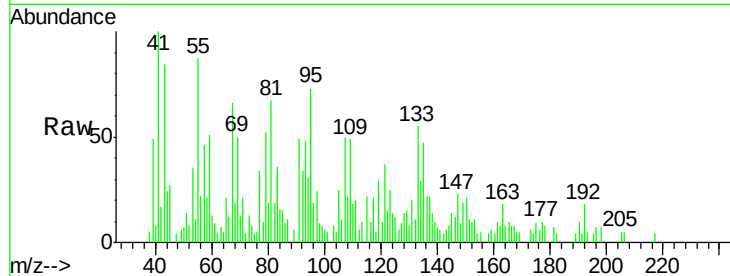




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.14 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

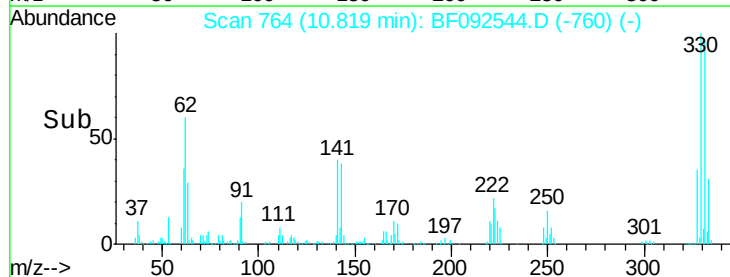
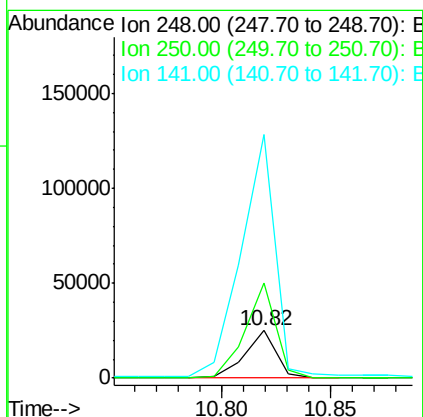
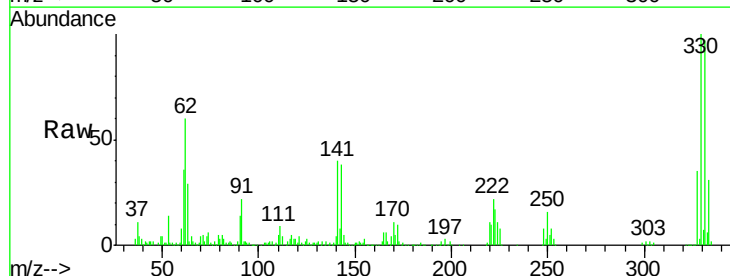
Instrument :
 BNA_F
 ClientSampleId :
 W-29

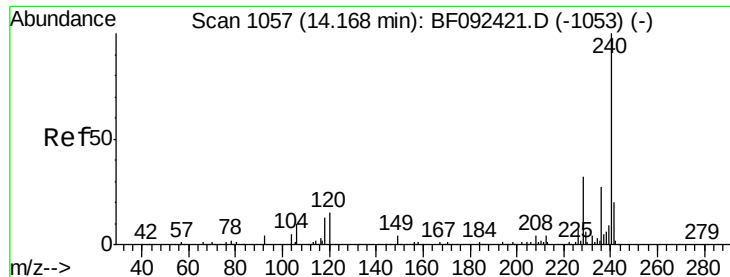
Tgt Ion:198 Resp: 697
 Ion Ratio Lower Upper
 198 100
 51 199.8 6.7 46.7#
 105 368.5 16.6 56.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092544.D
 Acq: 27 Jan 2017 00:10

Tgt Ion:248 Resp: 24796
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 511.5 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

Instrument :

BNA_F

ClientSampleId :

W-29

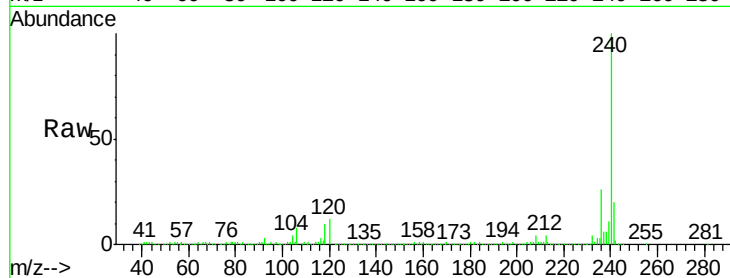
Tgt Ion:240 Resp: 495321

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

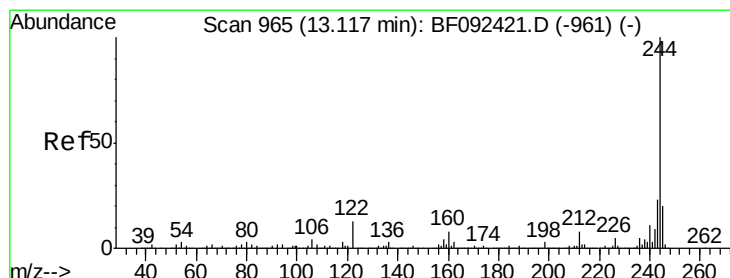
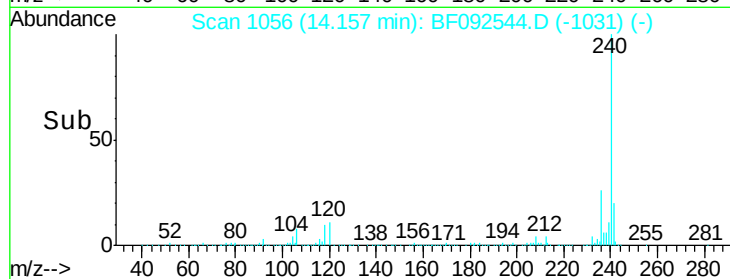
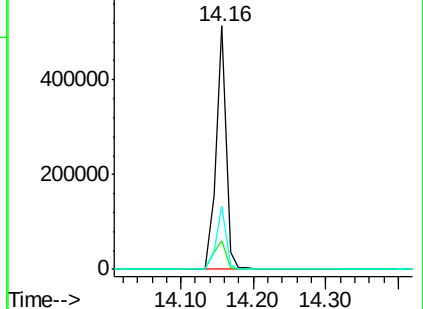
236 26.2 20.9 31.3



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: 82.36 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092544.D

Acq: 27 Jan 2017 00:10

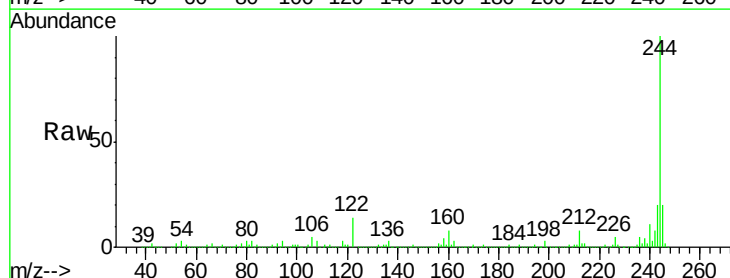
Tgt Ion:244 Resp: 1531986

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

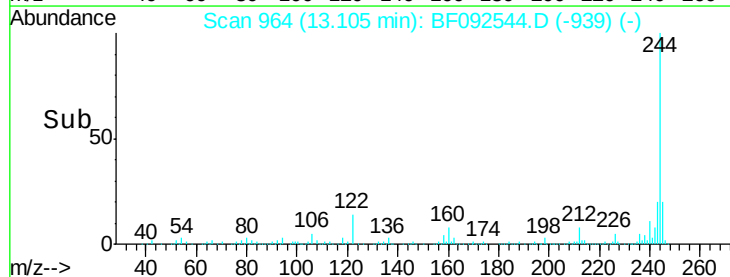
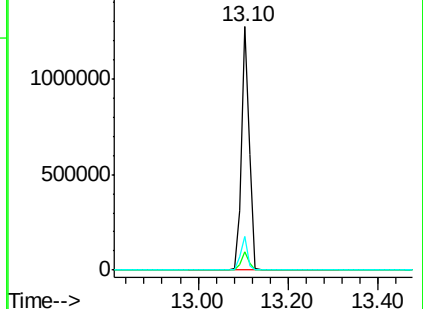
122 14.0 11.4 17.2

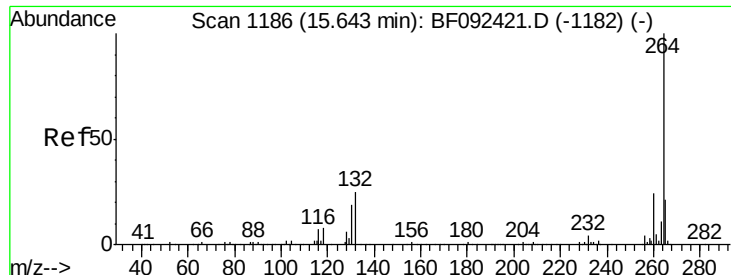


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

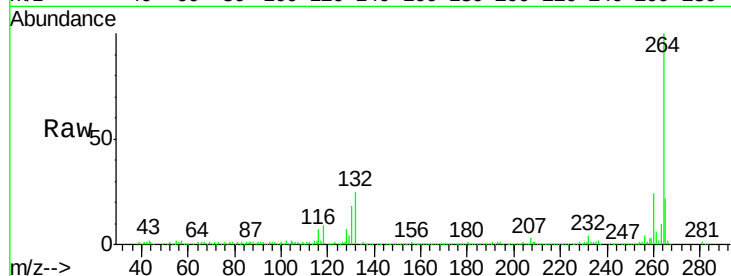




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092544.D
Acq: 27 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
W-29

Tgt Ion: 264 Resp: 352857
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.9 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

