

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080225.D
 Acq On : 30 Jun 2015 2:15
 Operator : TP/IZ
 Sample : G2819-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Quant Time: Jun 30 04:39:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

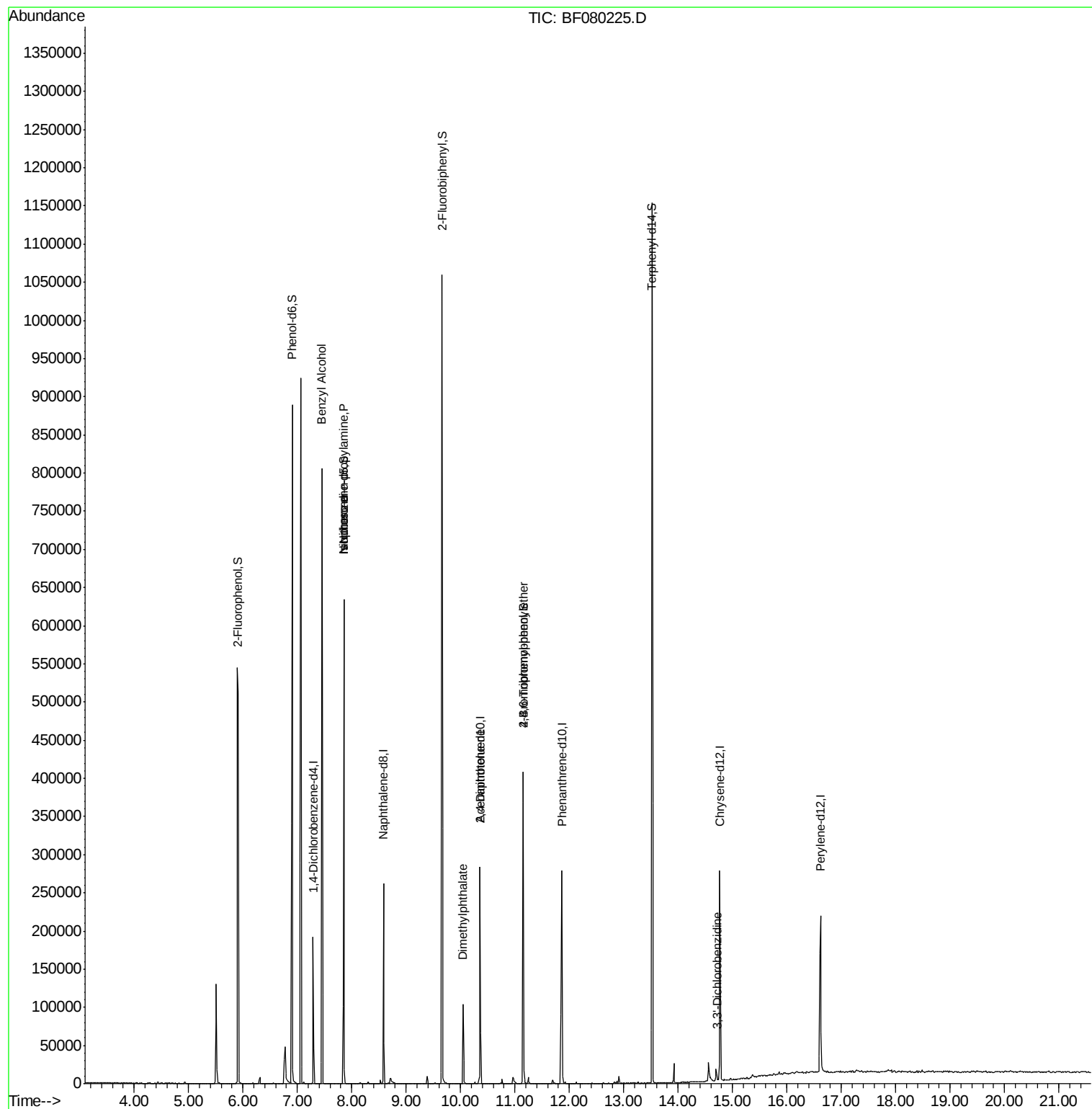
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	27101	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	109975	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	55644	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	110905	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	120041	20.00	ng	-0.23
86) Perylene-d12	16.62	264	124202	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	217454	142.04	ng	-0.02
7) Phenol-d6	6.90	99	323325	158.70	ng	-0.02
23) Nitrobenzene-d5	7.85	82	181886	96.28	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	68066	125.10	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	345020	88.42	ng	-0.03
78) Terphenyl-d14	13.52	244	394943	76.84	ng	-0.15
Target Compounds						Qvalue
15) Benzyl Alcohol	7.45	79	3463	2.08	ng	# 28
19) n-Nitroso-di-n-propylamine	7.85	70	22529	15.93	ng	# 60
25) Isophorone	7.85	82	181876	47.84	ng	# 58
49) Dimethylphthalate	10.05	163	46004	11.00	ng	# 97
56) 2,4-Dinitrotoluene	10.36	165	7011	6.59	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	4650	3.94	ng	# 1
81) 3,3'-Dichlorobenzidine	14.71	252	5413	2.15	ng	# 88

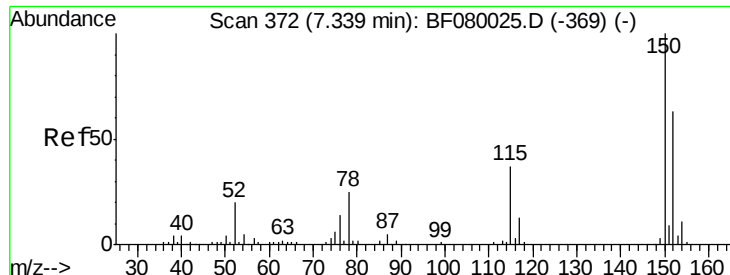
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SOIL

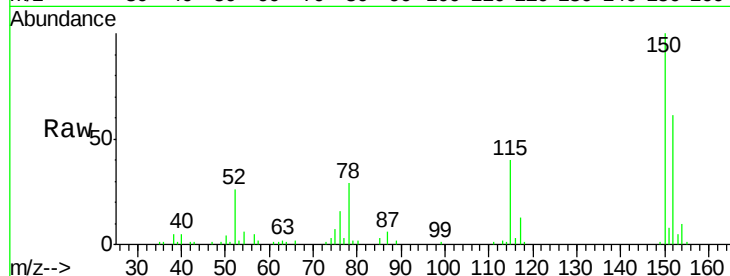
Tgt Ion:152 Resp: 27101

Ion Ratio Lower Upper

152 100

150 164.2 124.7 187.1

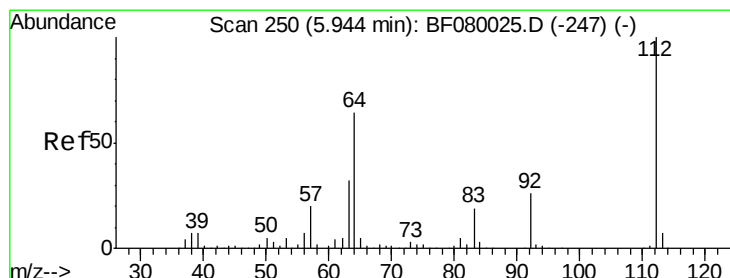
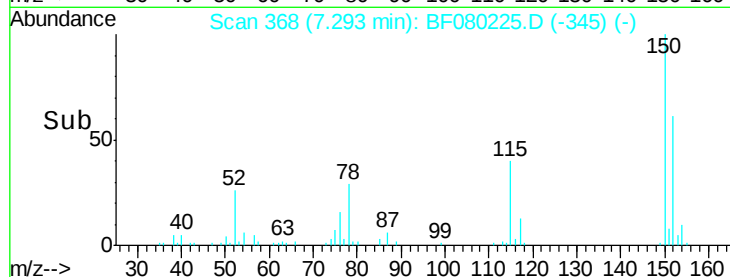
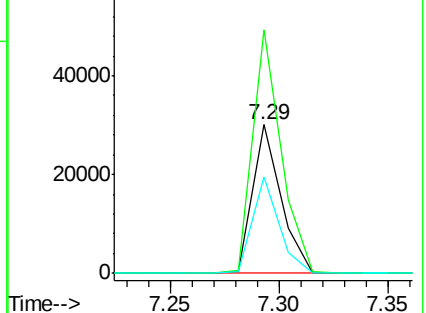
115 65.4 39.0 58.4#



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: 142.04 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

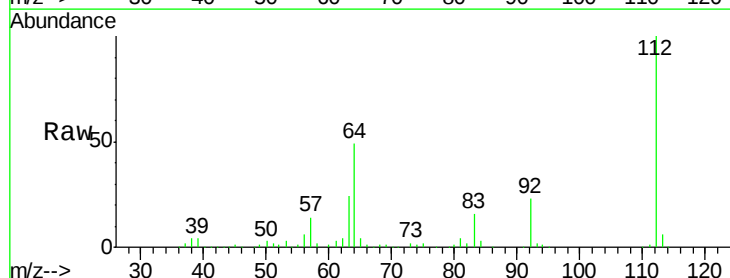
Tgt Ion:112 Resp: 217454

Ion Ratio Lower Upper

112 100

64 49.3 39.7 59.5

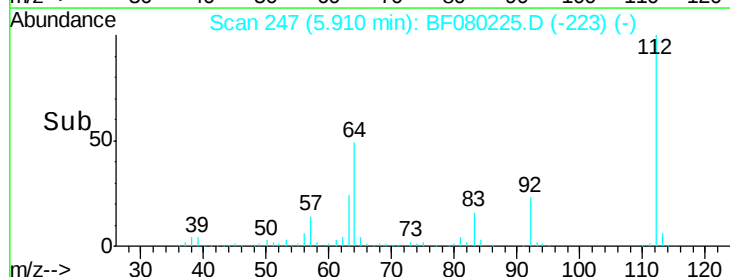
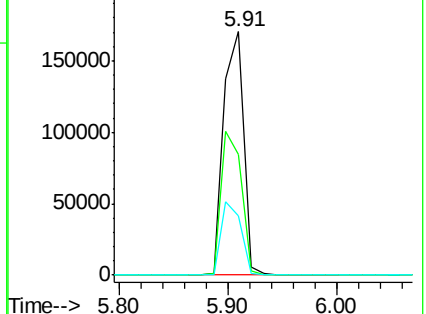
63 24.3 17.4 26.0



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: 158.70 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

Instrument :

BNA_F

ClientSampleId :

SOIL

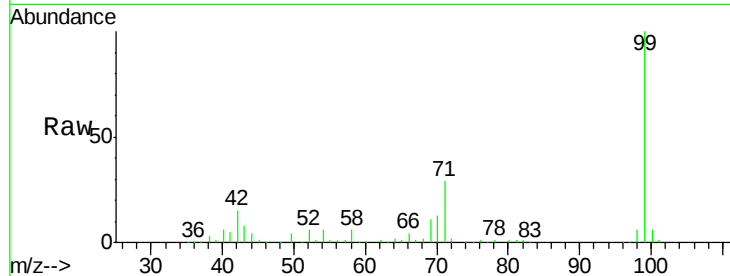
Tgt Ion: 99 Resp: 323325

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

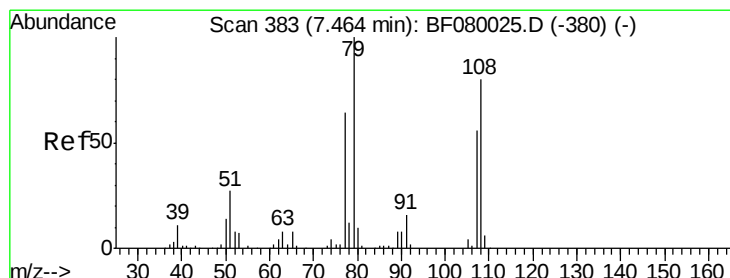
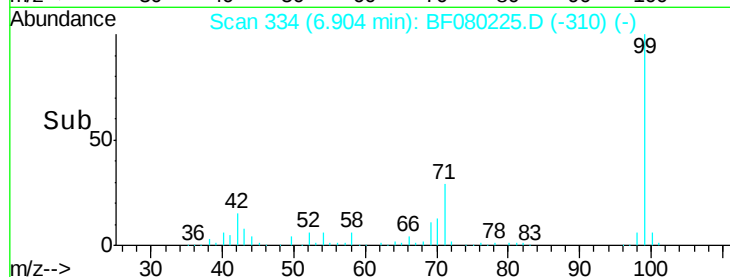
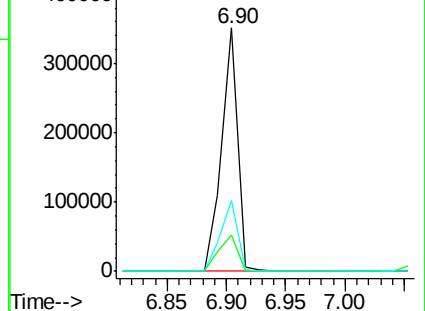
71 28.9 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF080225.D

Acq: 30 Jun 2015 2:15

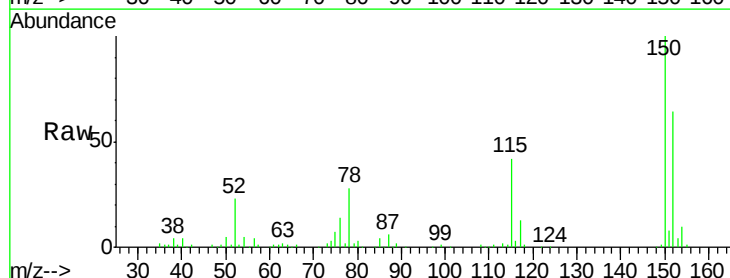
Tgt Ion: 79 Resp: 3463

Ion Ratio Lower Upper

79 100

108 27.0 88.6 132.8#

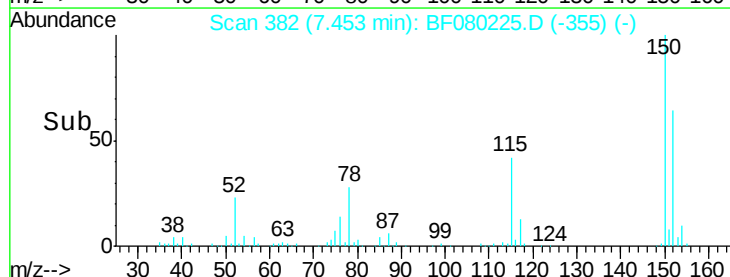
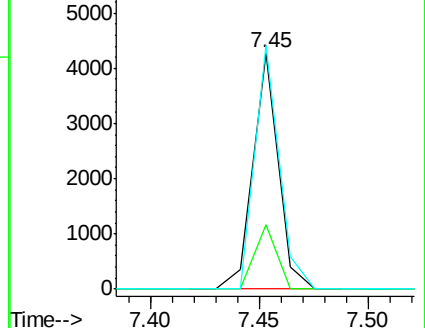
77 103.0 47.0 70.4#

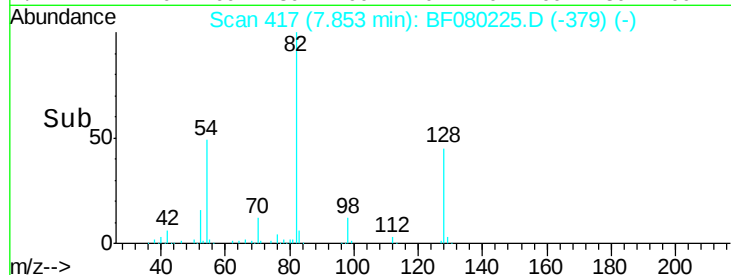
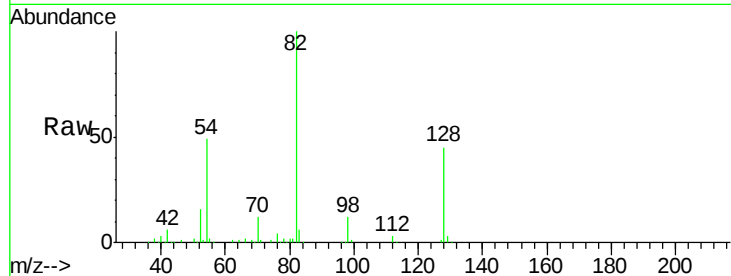
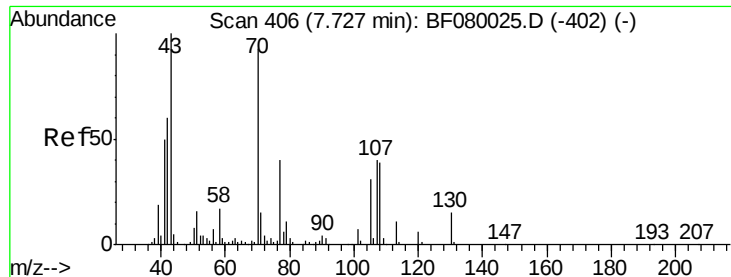


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

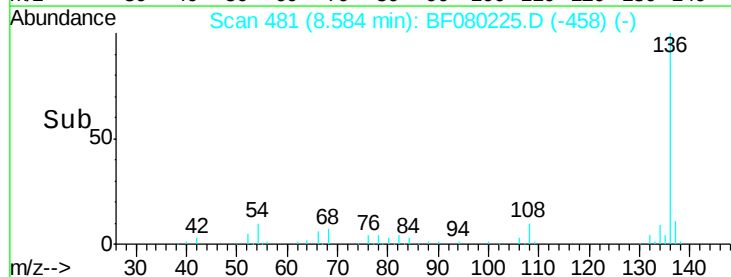
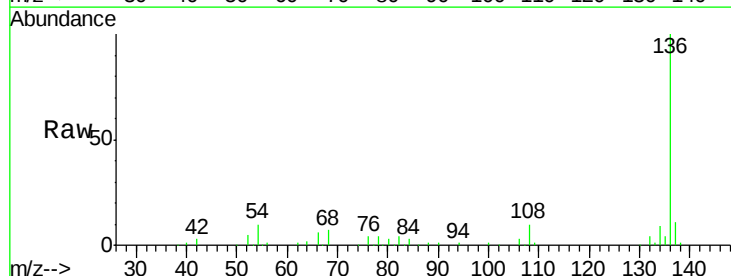
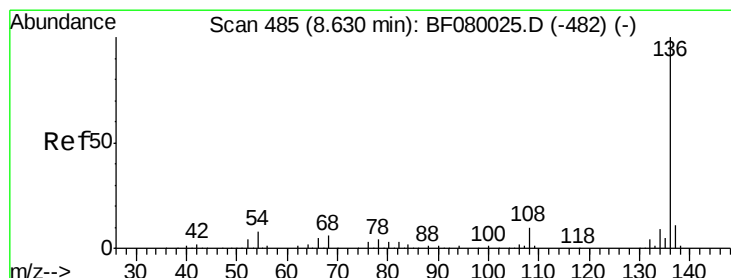
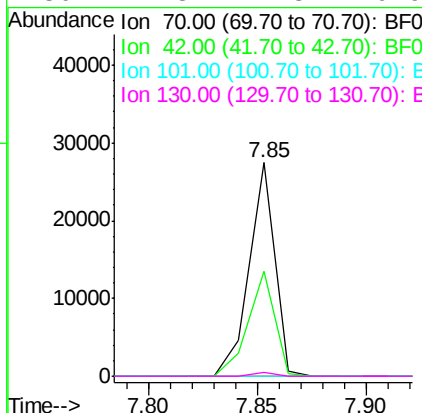




#19
n-Nitroso-di-n-propylamine
Concen: 15.93 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

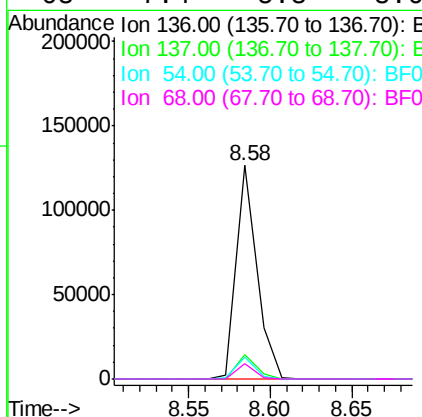
Instrument :
BNA_F
ClientSampleId :
SOIL

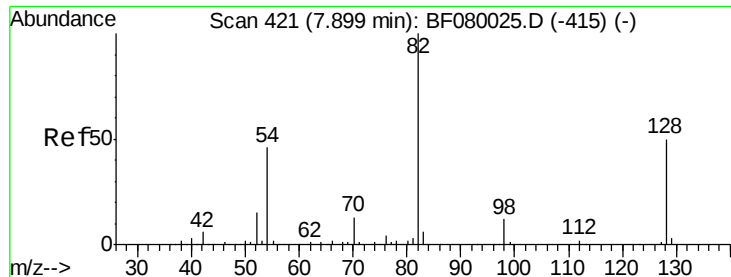
Tgt Ion: 70 Resp: 22529
Ion Ratio Lower Upper
70 100
42 49.0 63.8 95.6#
101 0.0 9.2 13.8#
130 1.8 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

Tgt Ion: 136 Resp: 109975
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.2 8.2 12.2
68 7.4 5.8 8.6

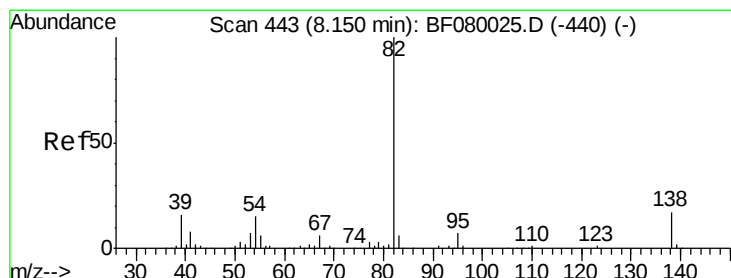
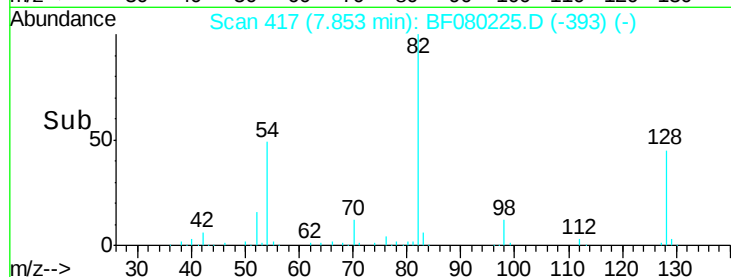
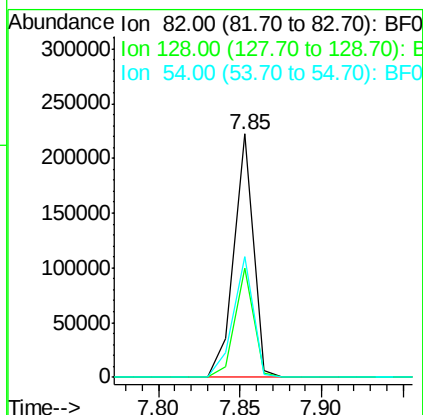
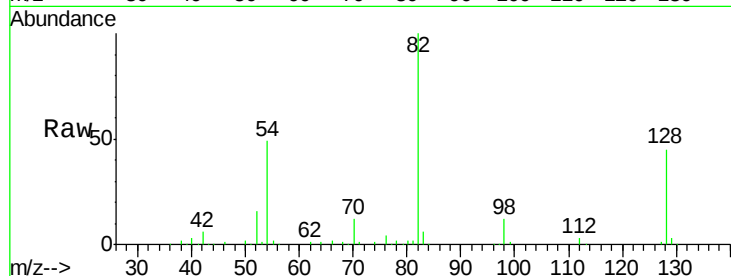




#23
Nitrobenzene-d5
Concen: 96.28 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

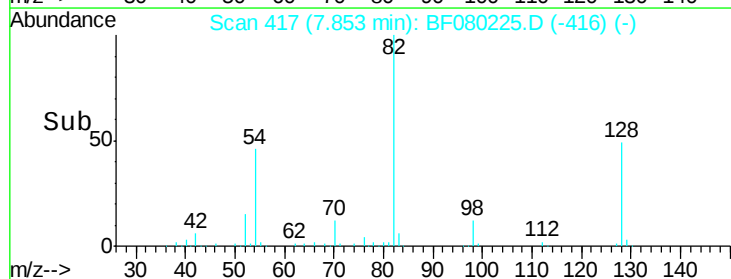
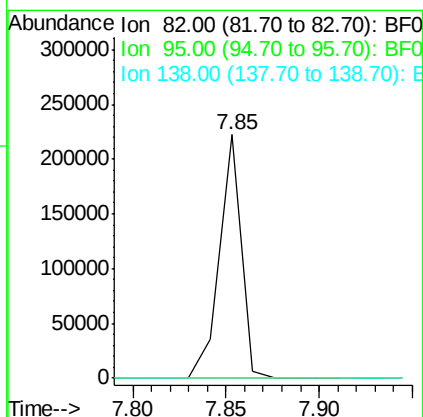
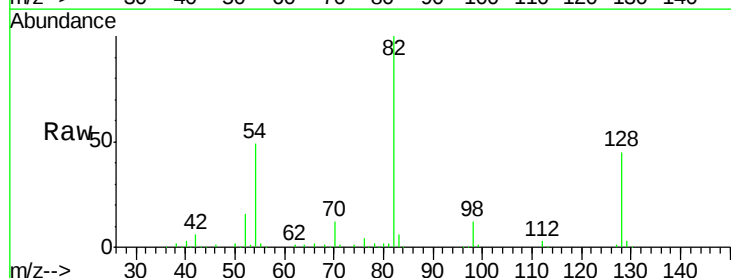
Instrument :
BNA_F
ClientSampled :
SOIL

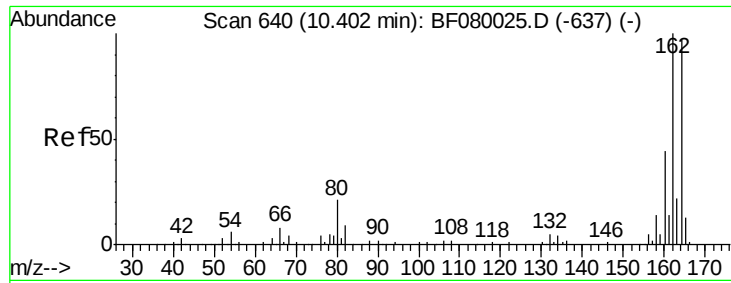
Tgt Ion: 82 Resp: 181886
Ion Ratio Lower Upper
82 100
128 45.0 51.0 76.6#
54 49.4 47.5 71.3



#25
Isophorone
Concen: 47.84 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.29 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

Tgt Ion: 82 Resp: 181876
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#

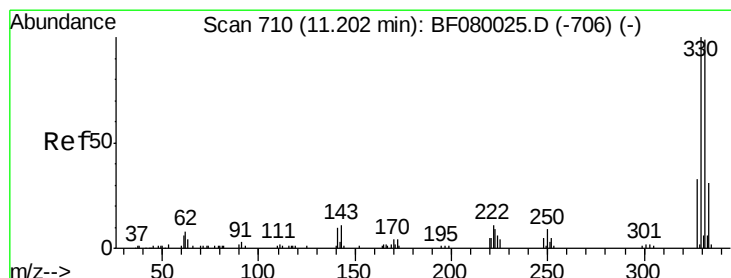
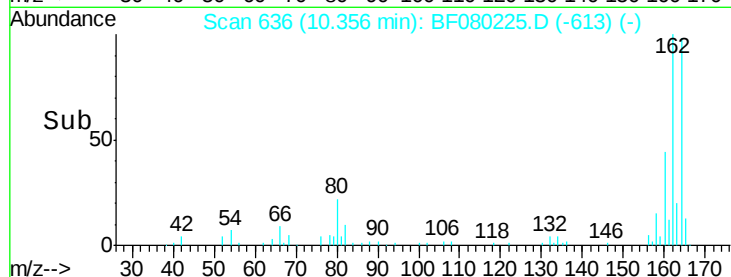
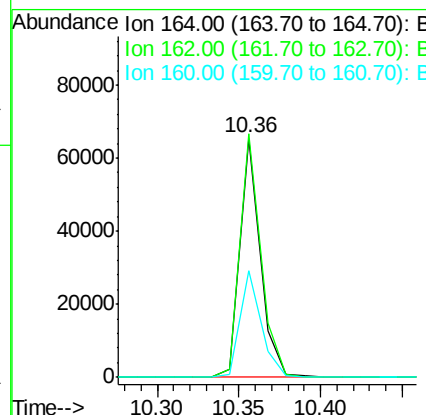
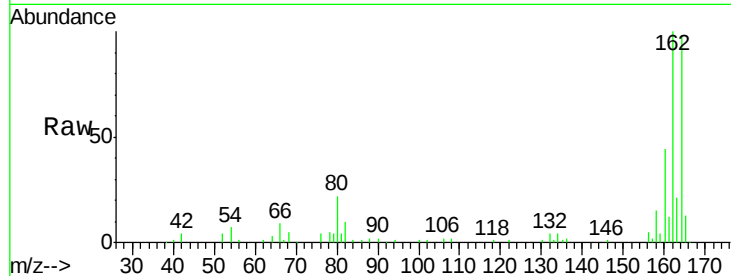




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

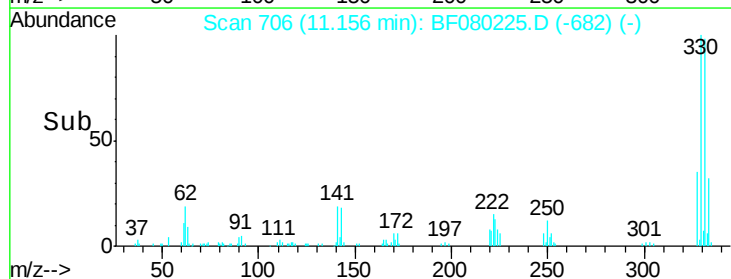
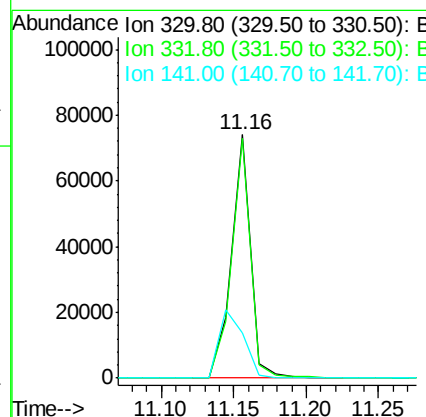
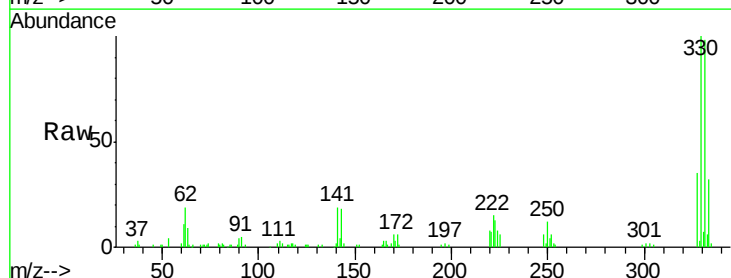
Instrument :
 BNA_F
 ClientSampleId :
 SOIL

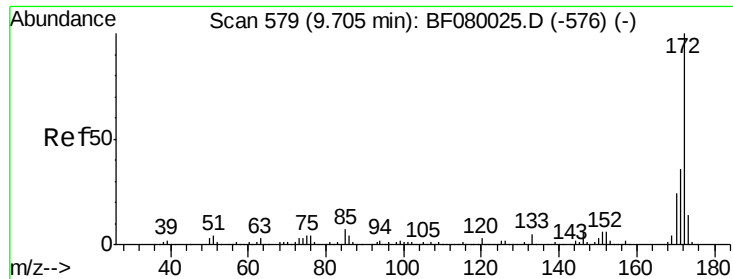
Tgt Ion:164 Resp: 55644
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 44.6 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 125.10 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion:330 Resp: 68066
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.1 29.7 44.5

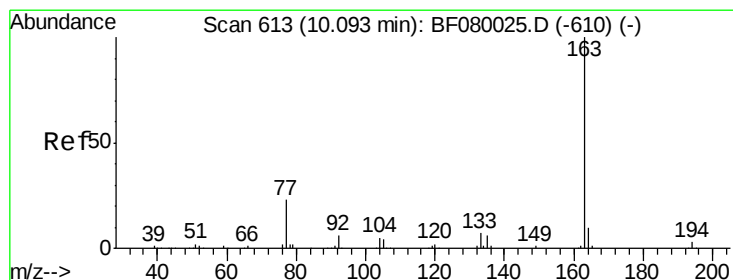
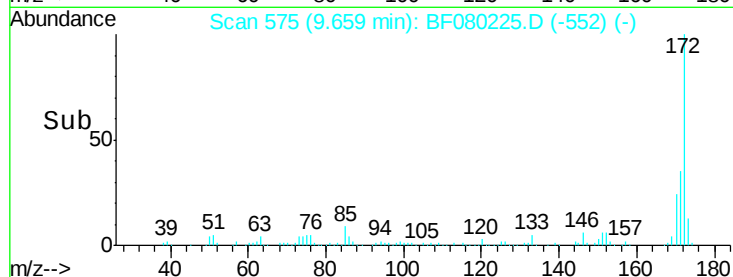
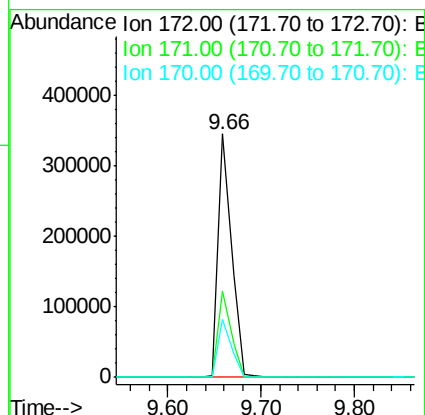
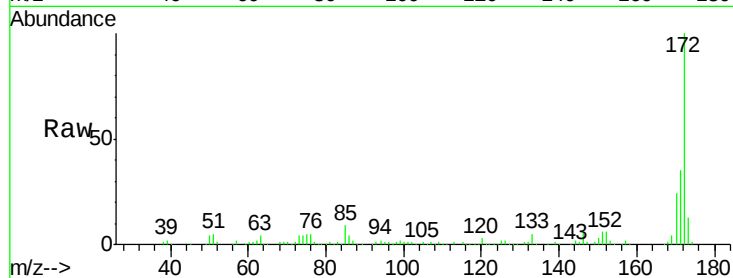




#44
2-Fluorobiphenyl
Concen: 88.42 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

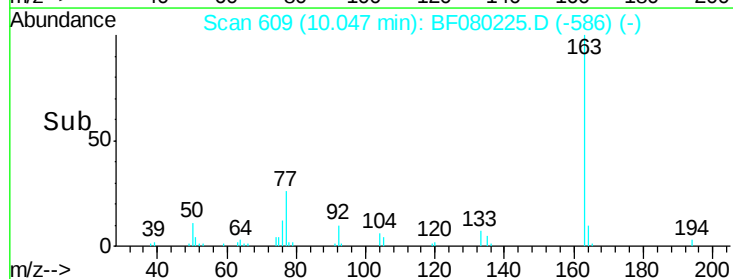
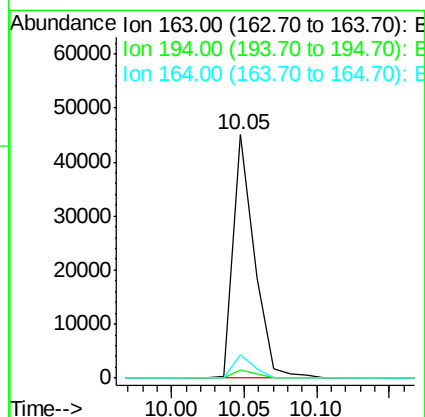
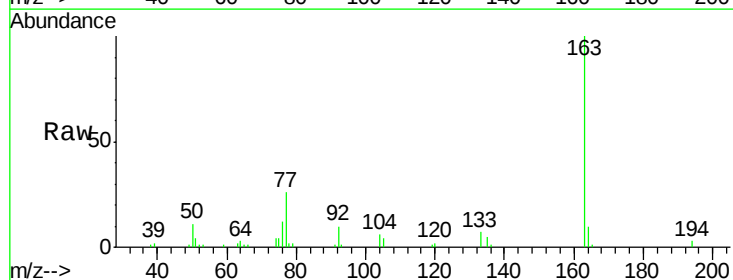
Instrument :
BNA_F
ClientSampled :
SOIL

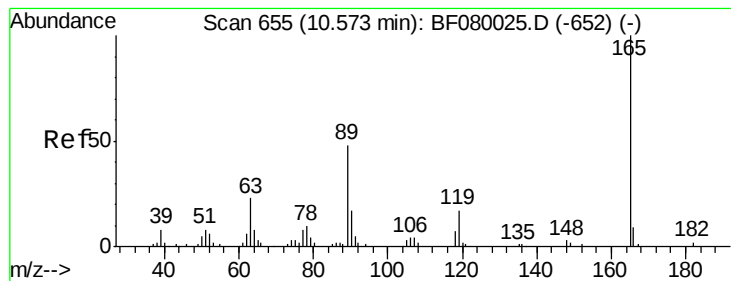
Tgt Ion:172 Resp: 345020
Ion Ratio Lower Upper
172 100
171 35.5 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 11.00 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

Tgt Ion:163 Resp: 46004
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.9 8.3 12.5

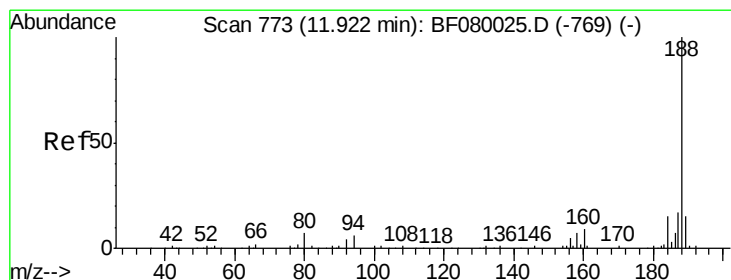
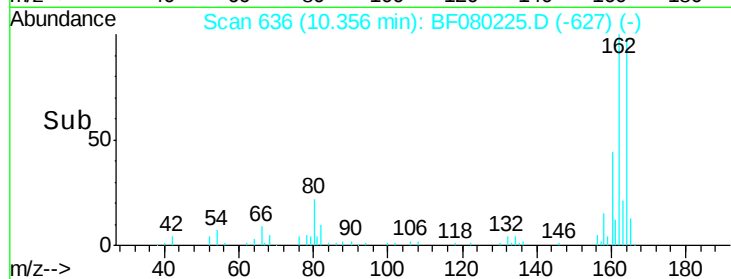
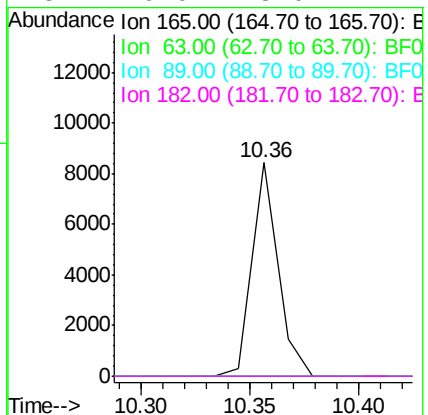
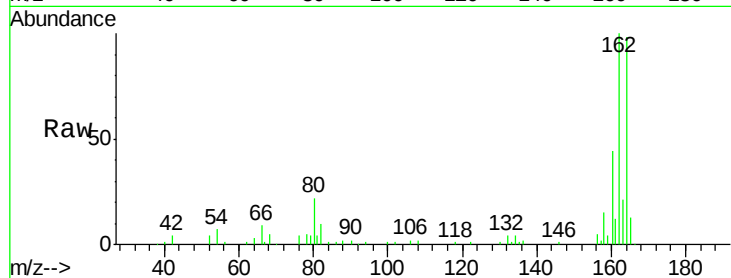




#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

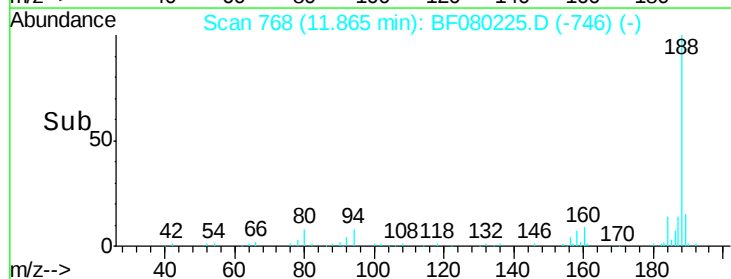
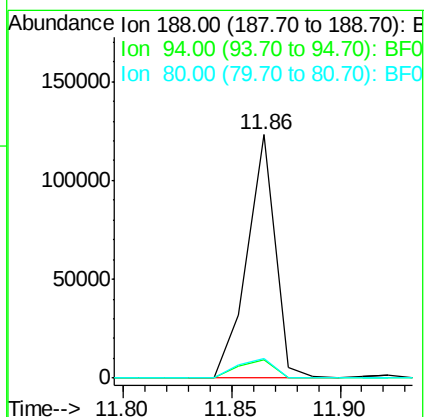
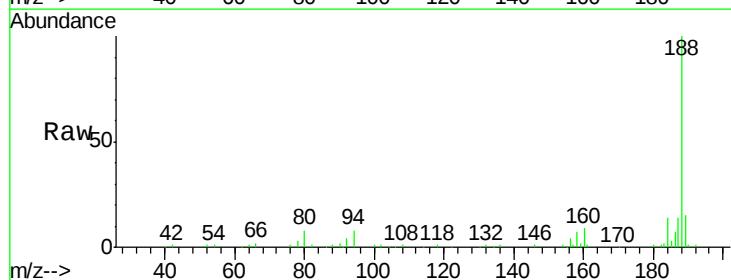
Instrument :
 BNA_F
 ClientSampleId :
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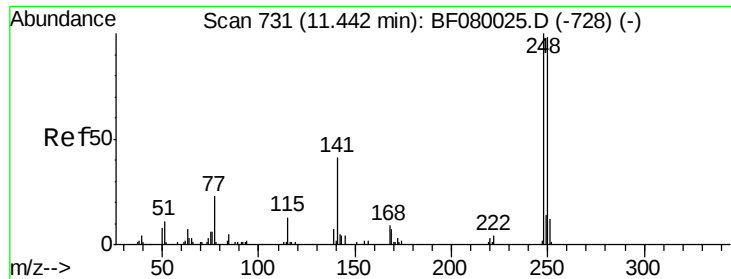
Tgt Ion:165 Resp: 7011
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion:188 Resp: 110905
 Ion Ratio Lower Upper
 188 100
 94 7.6 11.1 16.7#
 80 7.9 11.0 16.4#

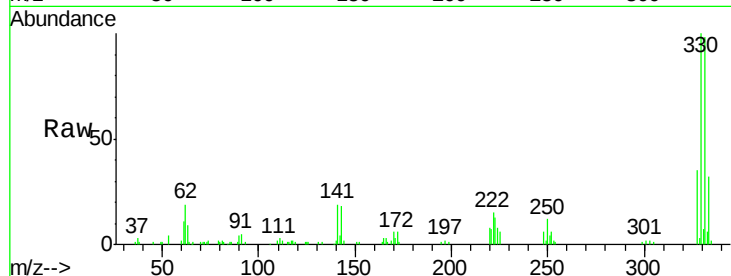




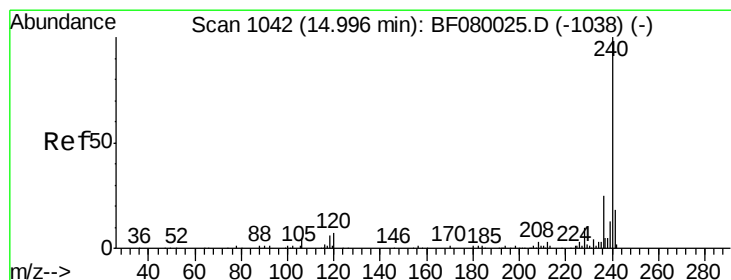
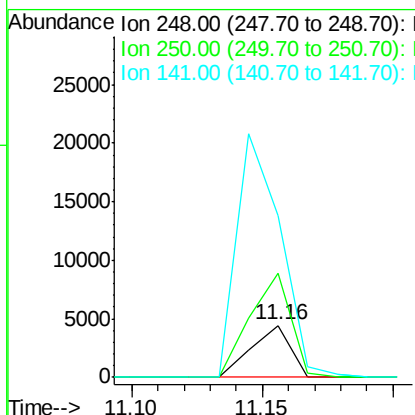
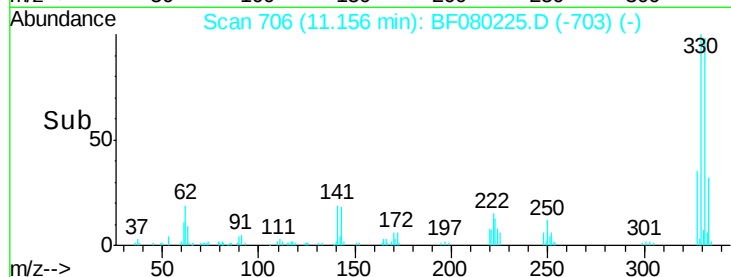
#66
 4-Bromophenyl-phenylether
 Concen: 3.94 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.26 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Instrument :
 BNA_F
 ClientSampled :
 SOIL

Tgt Ion:248 Resp: 4650
 Ion Ratio Lower Upper
 248 100
 250 199.3 78.5 117.7#
 141 312.1 59.0 88.6#

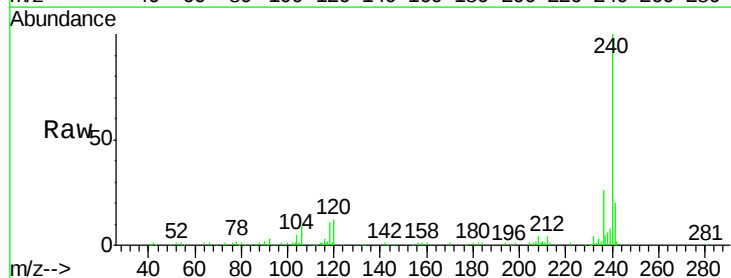


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

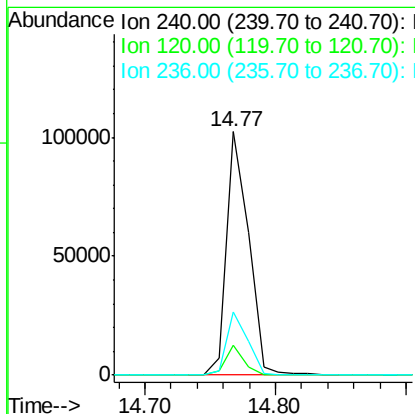
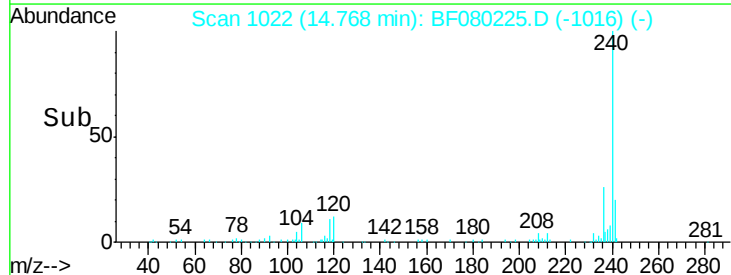


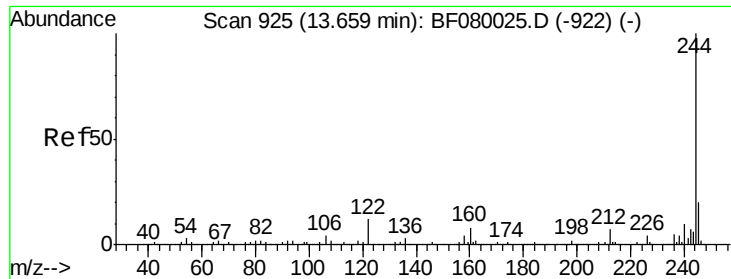
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.23 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion:240 Resp: 120041
 Ion Ratio Lower Upper
 240 100
 120 12.1 16.2 24.2#
 236 25.7 18.4 27.6



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

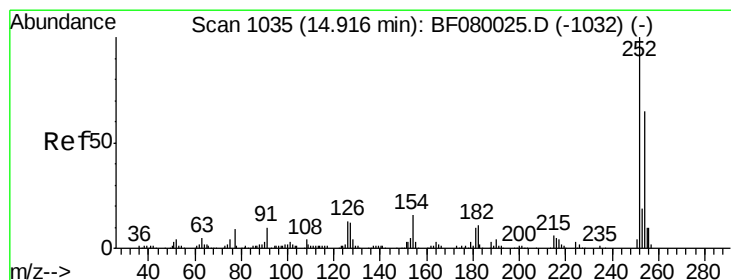
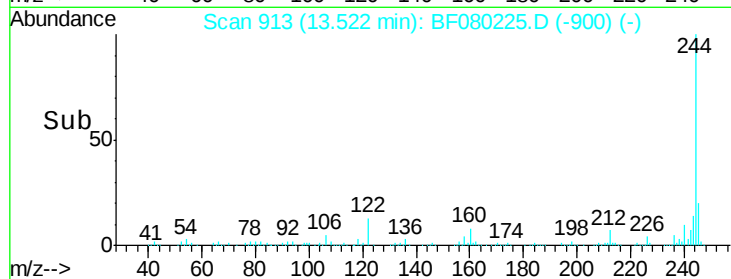
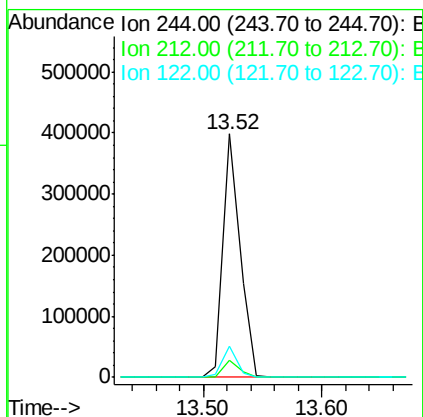
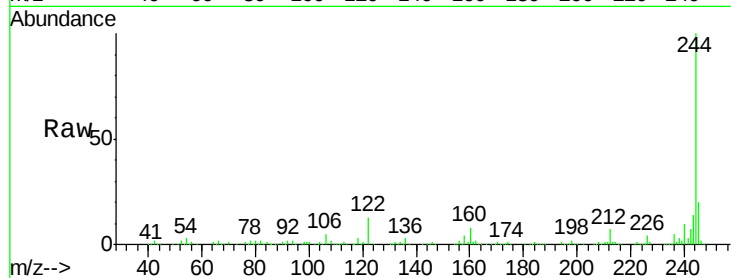




#78
 Terphenyl-d14
 Concen: 76.84 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

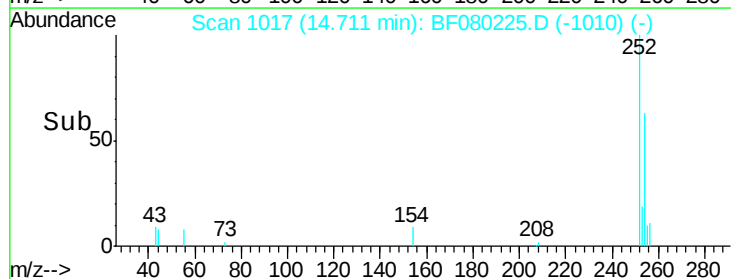
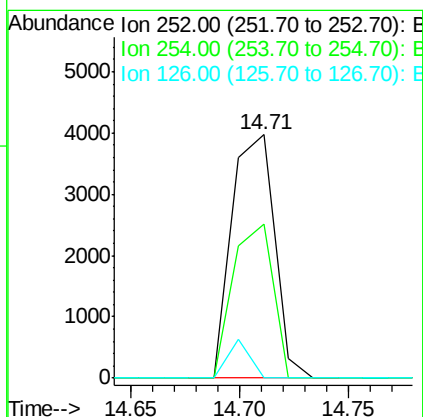
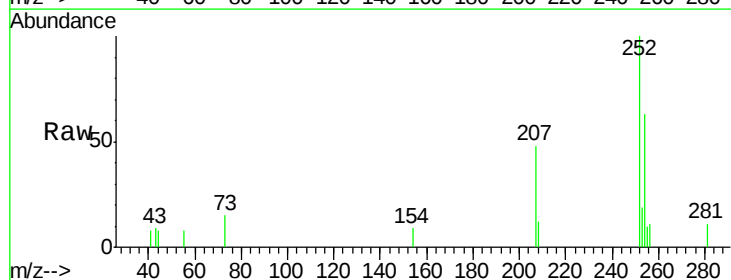
Instrument :
 BNA_F
 ClientSampled :
 SOIL

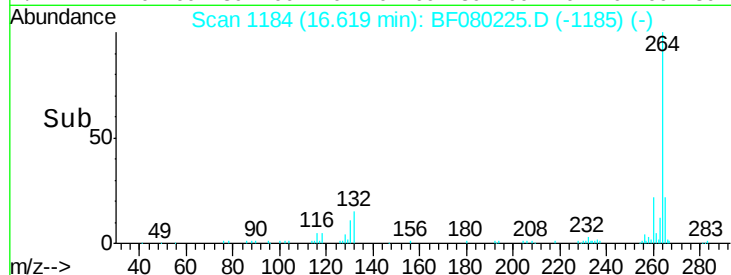
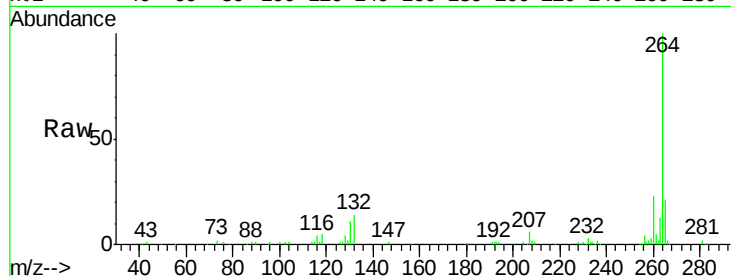
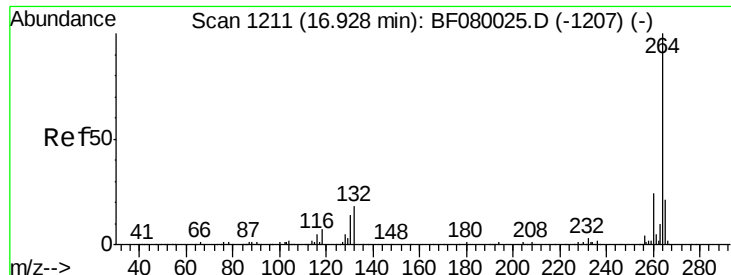
Tgt Ion:244 Resp: 394943
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 13.0 17.4 26.2#



#81
 3,3'-Dichlorobenzidine
 Concen: 2.15 ng
 RT: 14.71 min Scan# 1017
 Delta R.T. -0.22 min
 Lab File: BF080225.D
 Acq: 30 Jun 2015 2:15

Tgt Ion:252 Resp: 5413
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.4 77.2
 126 0.0 16.4 24.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.62 min Scan# 1184
Delta R.T. -0.31 min
Lab File: BF080225.D
Acq: 30 Jun 2015 2:15

Instrument :
BNA_F
ClientSampleId :
SOIL

Tgt Ion:	264	Resp:	124202
Ion Ratio	Lower	Upper	
264	100		
260	22.6	16.7	25.1
265	21.3	17.2	25.8

