

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083293.D
 Acq On : 26 Nov 2015 00:45
 Operator : UM/IZ
 Sample : G4569-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-001

Quant Time: Nov 26 03:13:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

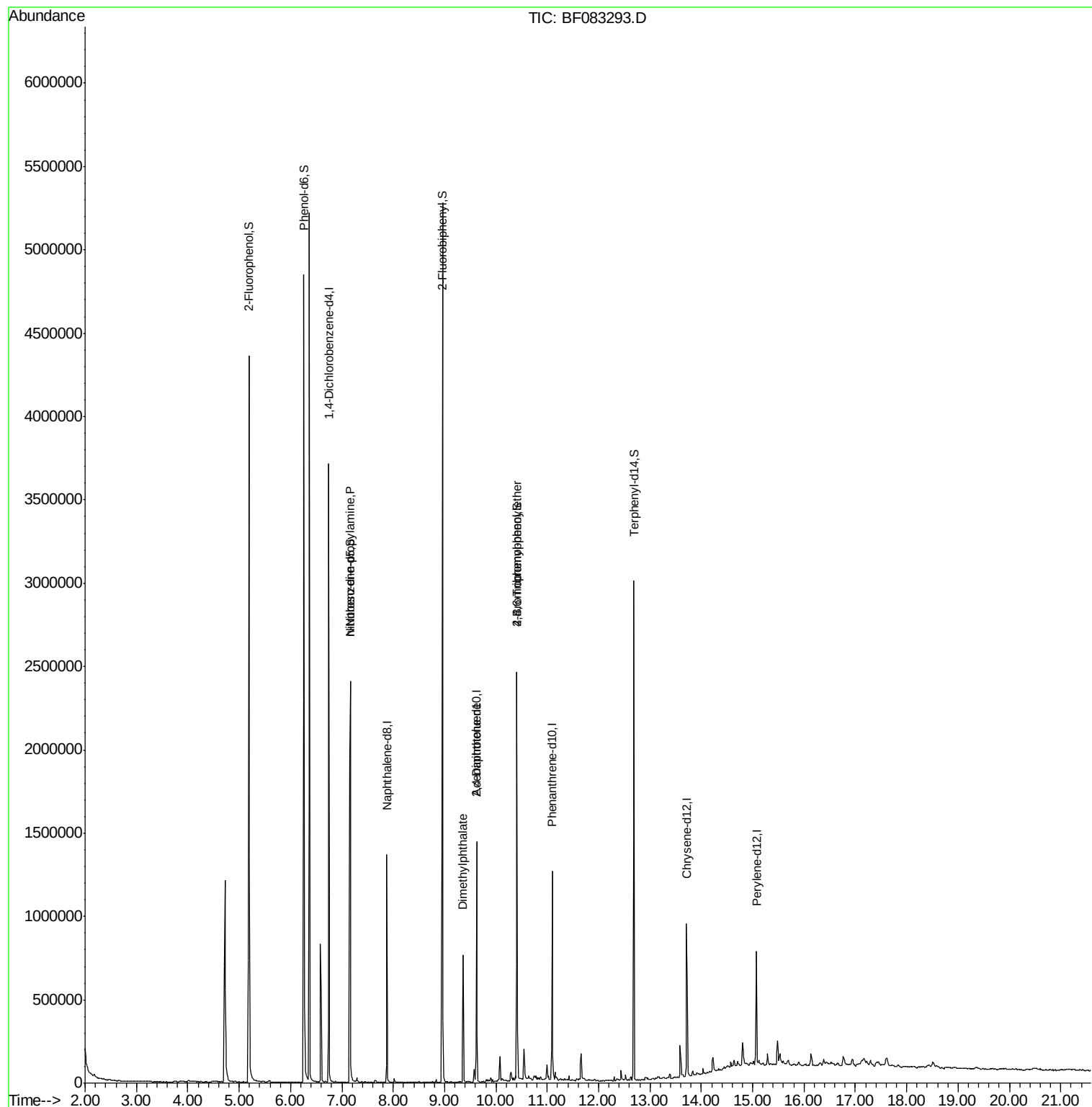
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	568169	20.00	ng	0.08
21) Naphthalene-d8	7.87	136	585596	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	272685	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	435313	20.00	ng	-0.08
75) Chrysene-d12	13.71	240	384402	20.00	ng	-0.09
86) Perylene-d12	15.07	264	361312	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1264166	33.64	ng	-0.09
7) Phenol-d6	6.26	99	1835429	37.75	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1141877	89.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	251807	90.26	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1580138	80.80	ng	-0.07
78) Terphenyl-d14	12.68	244	1046574	64.11	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.26	77	3087	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	152011	4.49 ng	#	72
49) Dimethylphthalate	9.36	163	294949	14.05 ng		98
56) 2,4-Dinitrotoluene	9.62	165	35909	6.02 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	18895	3.91 ng	#	1

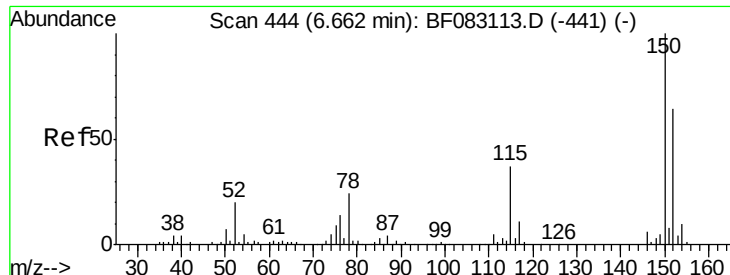
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Quant Time: Nov 26 03:13:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 416

Delta R.T. 0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-001

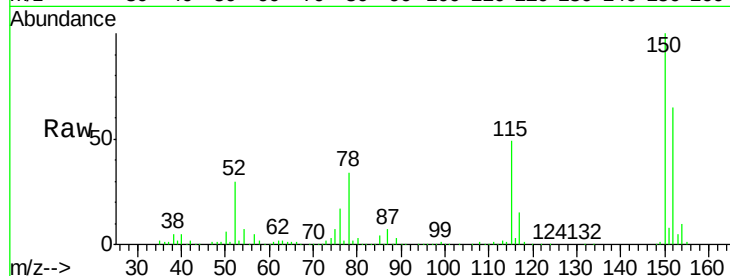
Tgt Ion:152 Resp: 568169

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.8

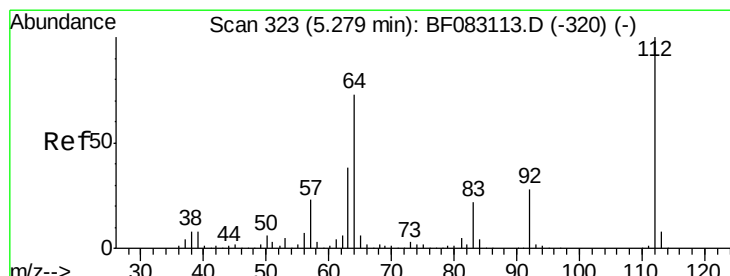
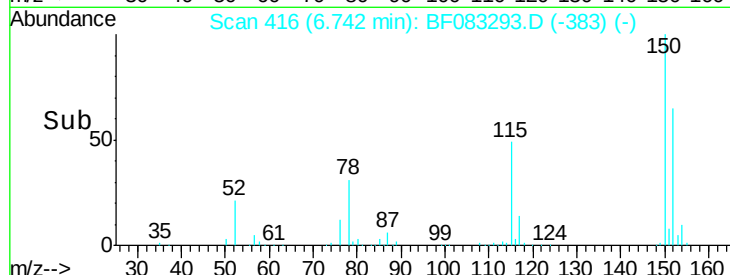
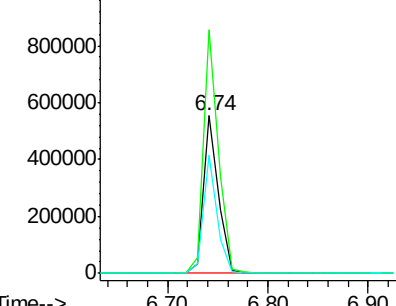
115 75.3 46.9 70.3#



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: 33.64 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.09 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

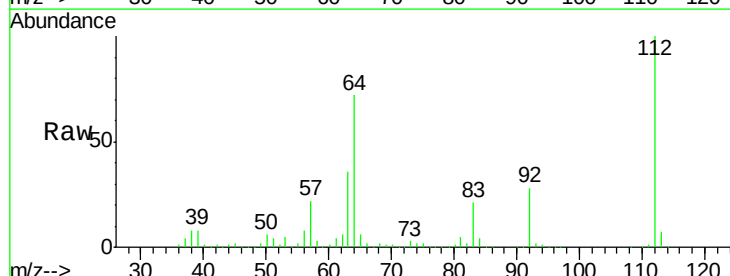
Tgt Ion:112 Resp: 1264166

Ion Ratio Lower Upper

112 100

64 72.1 58.4 87.6

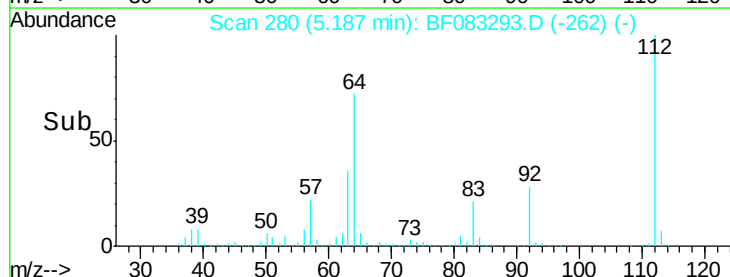
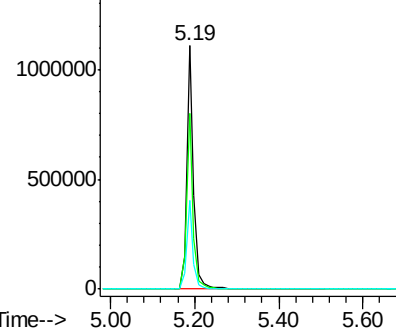
63 36.2 30.0 45.0

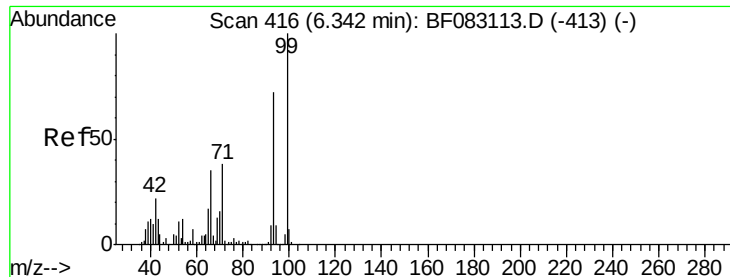


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.75 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-001

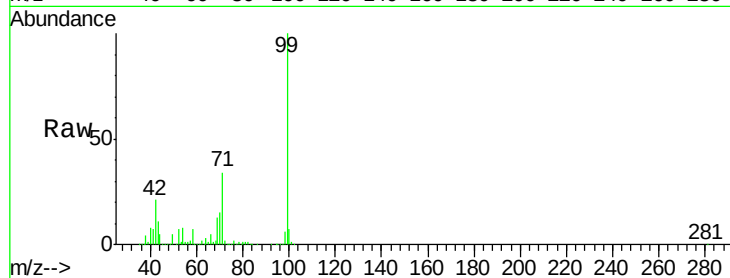
Tgt Ion: 99 Resp: 1835429

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

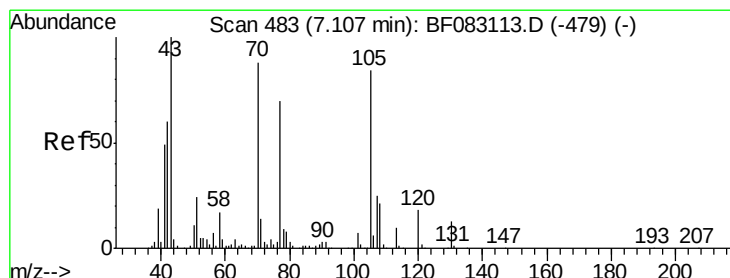
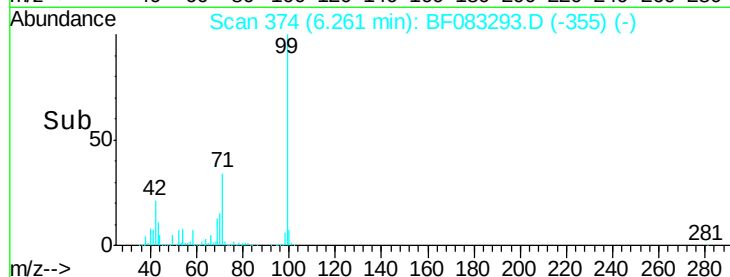
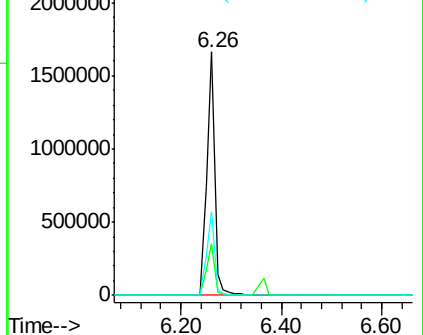
71 34.2 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.49 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Tgt Ion: 70 Resp: 152011

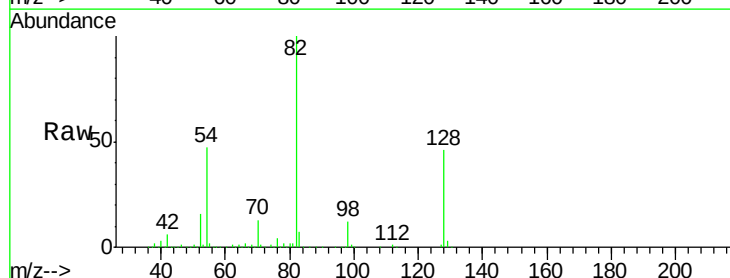
Ion Ratio Lower Upper

70 100

42 44.9 54.5 81.7#

101 0.0 6.6 9.8#

130 2.4 11.5 17.3#

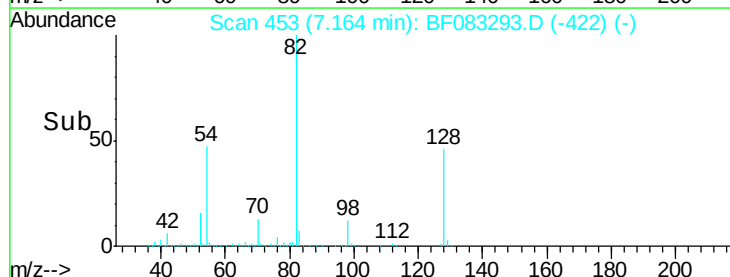
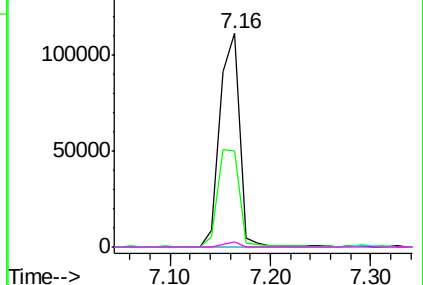


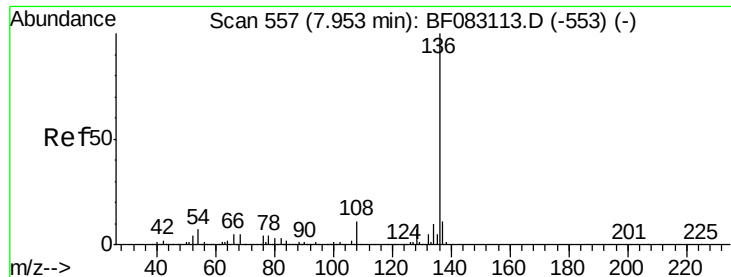
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

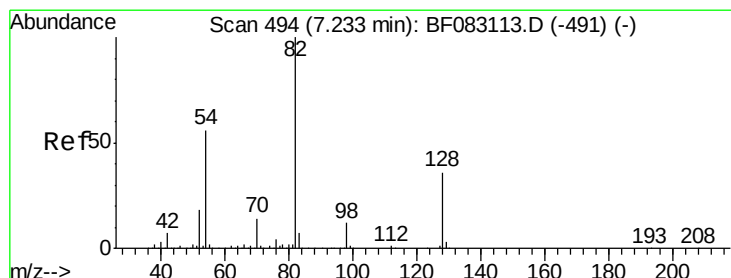
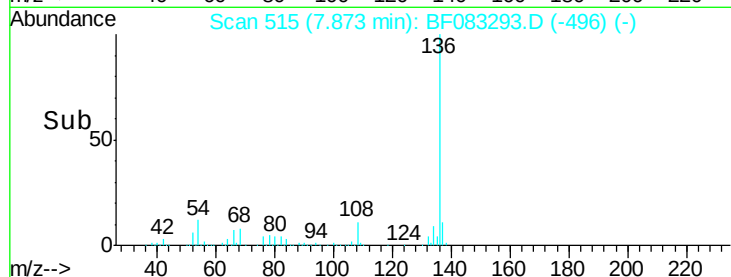
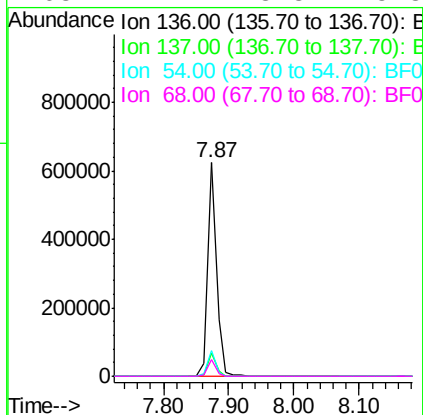
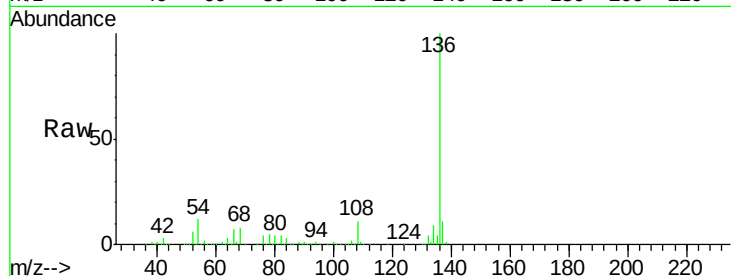




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

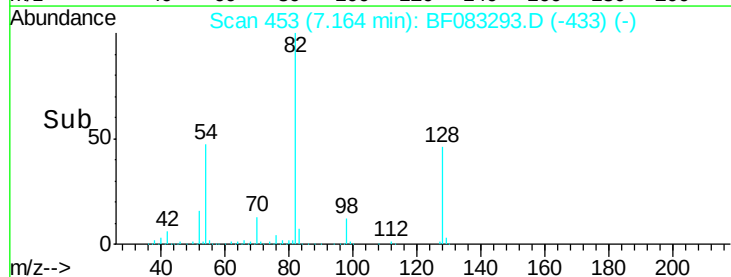
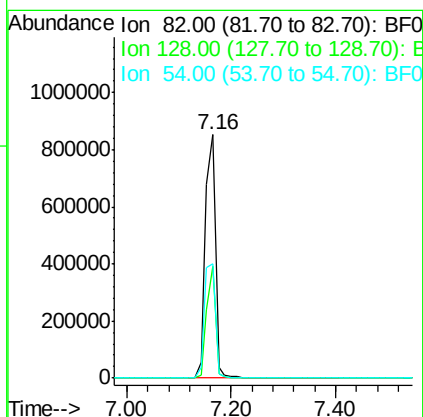
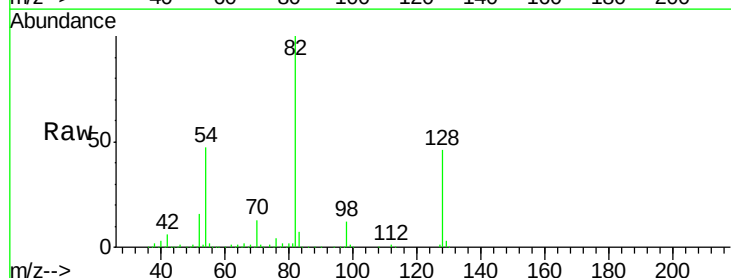
Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-001

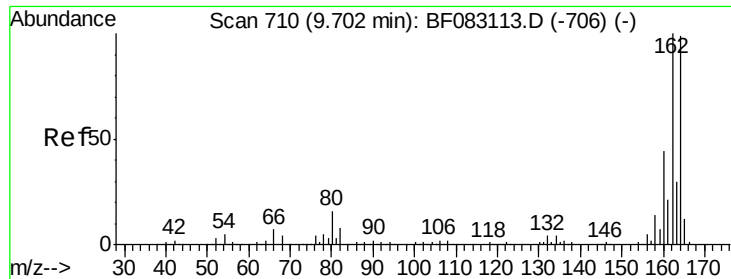
Tgt Ion:	136	Resp:	585596
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.8	5.8	8.6#
68	7.7	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 89.10 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Tgt Ion:	82	Resp:	1141877
Ion	Ratio	Lower	Upper
82	100		
128	46.1	28.5	42.7#
54	47.1	44.6	67.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-001

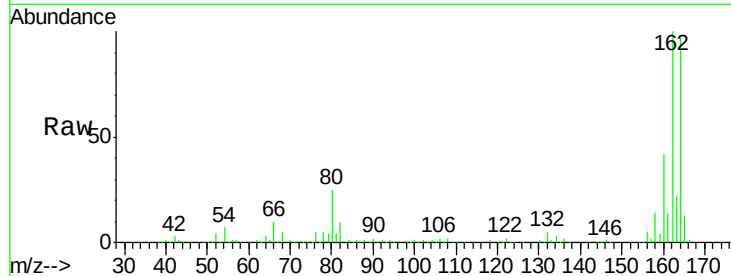
Tgt Ion:164 Resp: 272685

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

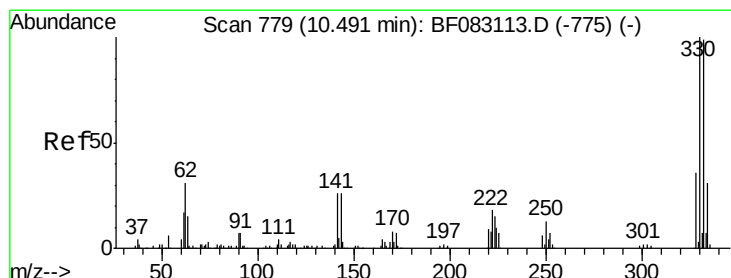
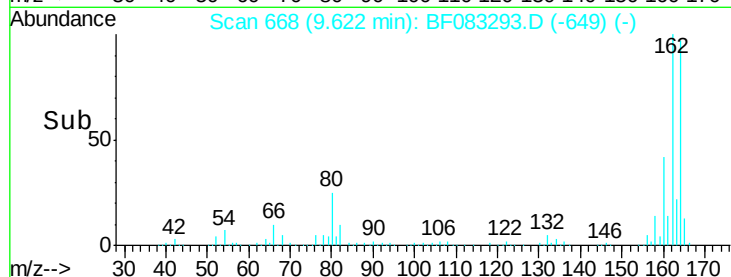
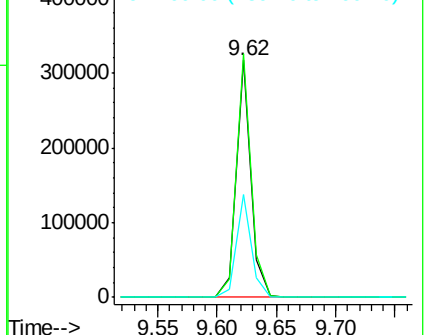
160 43.6 35.6 53.4



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: 90.26 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

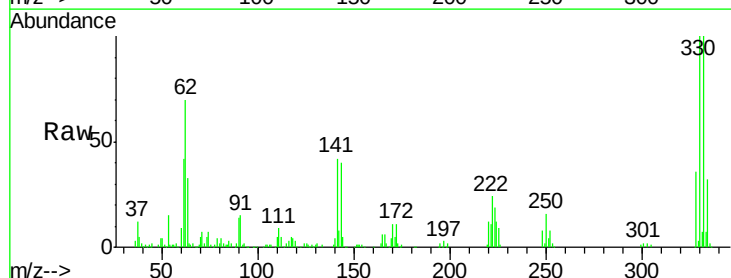
Tgt Ion:330 Resp: 251807

Ion Ratio Lower Upper

330 100

332 98.7 77.7 116.5

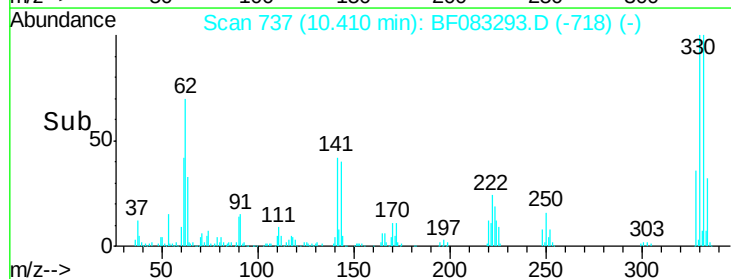
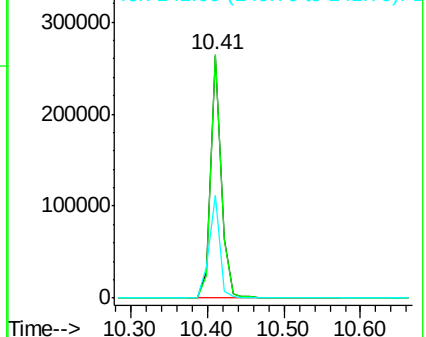
141 42.7 29.7 44.5

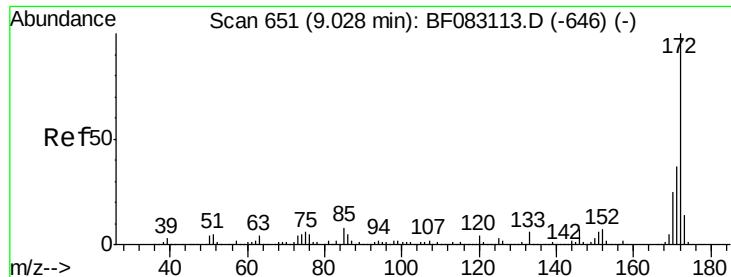


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

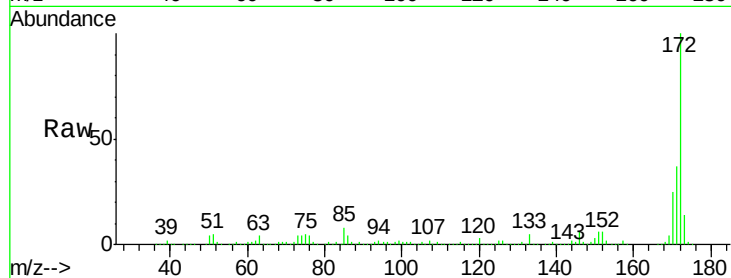




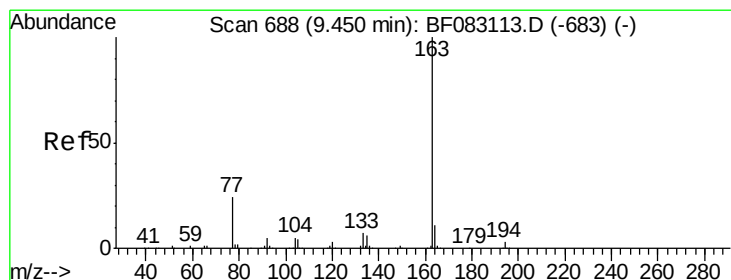
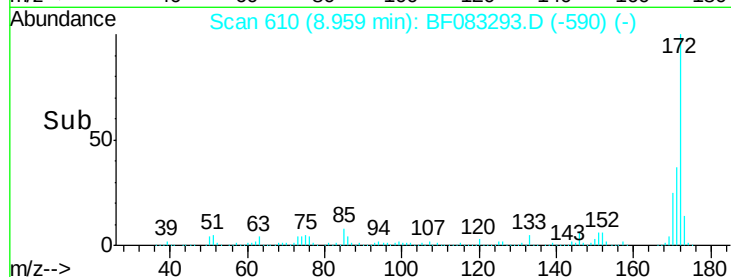
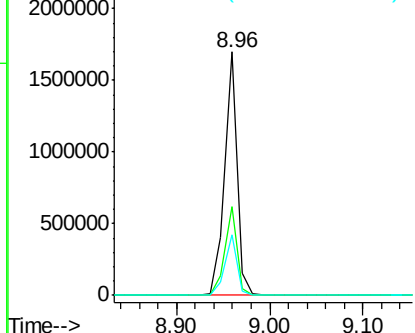
#44
 2-Fluorobiphenyl
 Concen: 80.80 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Instrument :
 BNA_F
 ClientSampleId :
 IM-TOPSOIL-001

Tgt Ion:172 Resp: 1580138
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 24.9 19.9 29.9

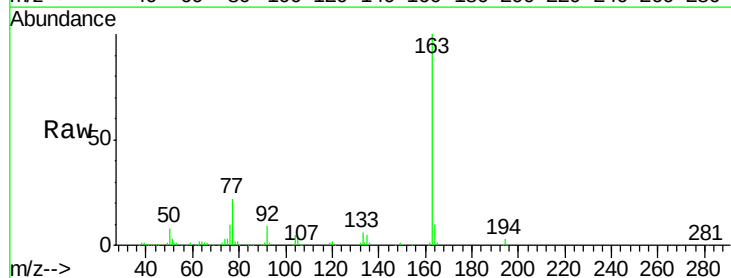


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

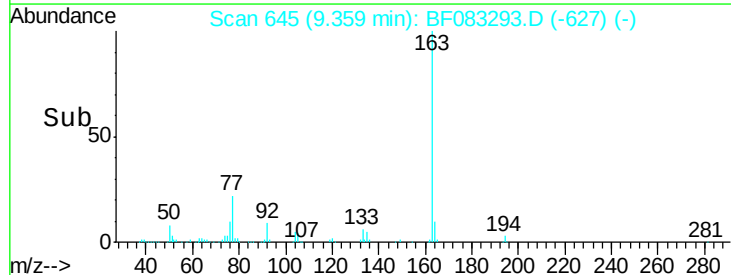
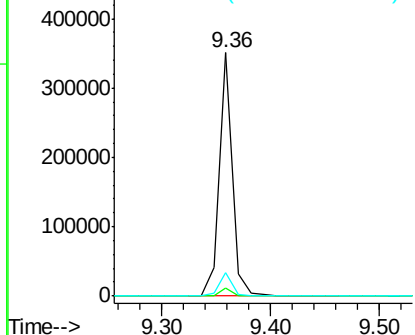


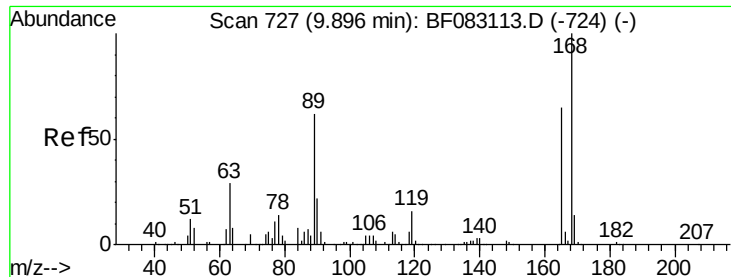
#49
 Dimethylphthalate
 Concen: 14.05 ng
 RT: 9.36 min Scan# 645
 Delta R.T. -0.09 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Tgt Ion:163 Resp: 294949
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 9.9 8.6 12.8



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

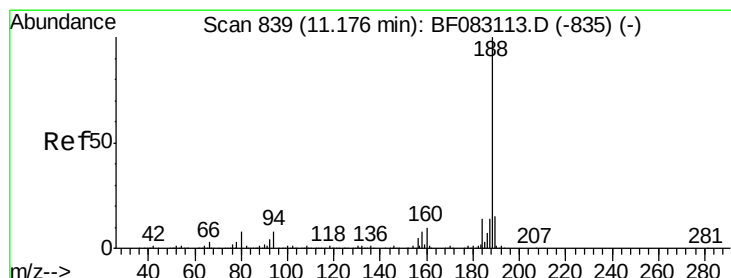
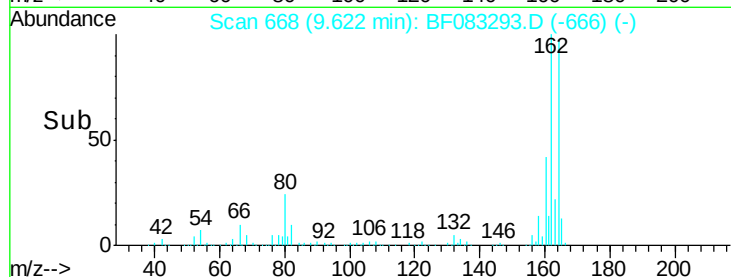
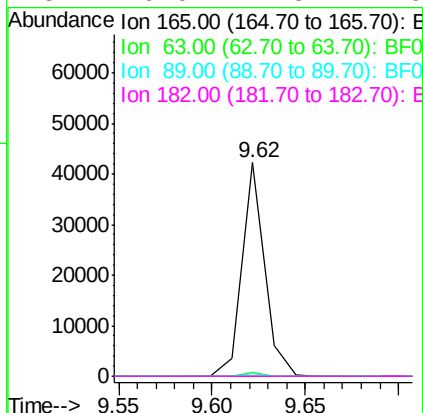
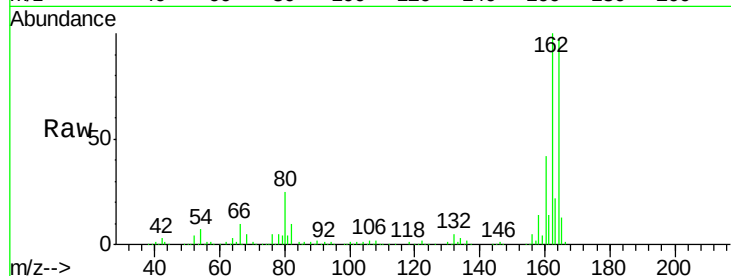




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

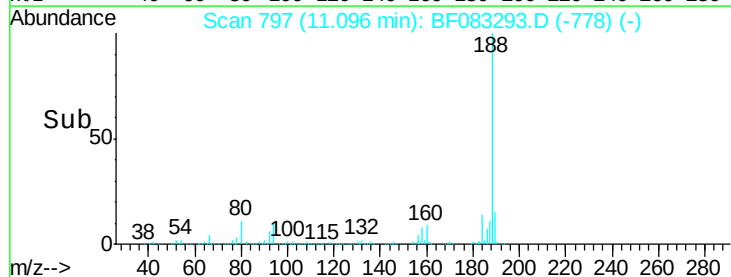
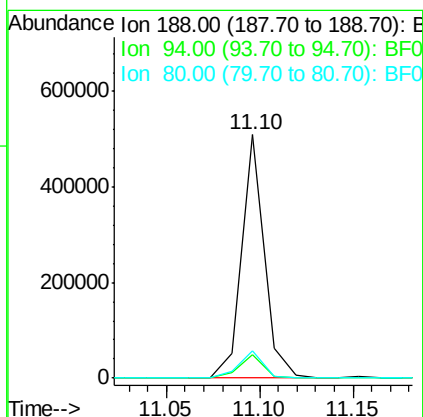
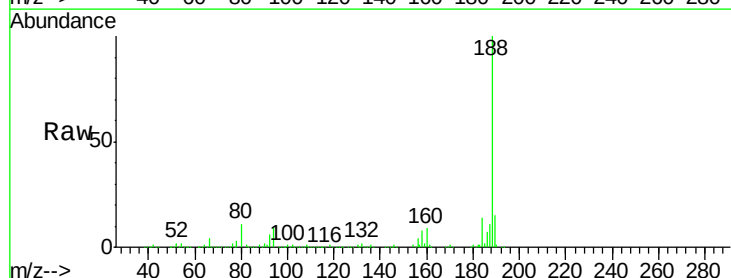
Instrument :
 BNA_F
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 IM-TOPSOIL-001

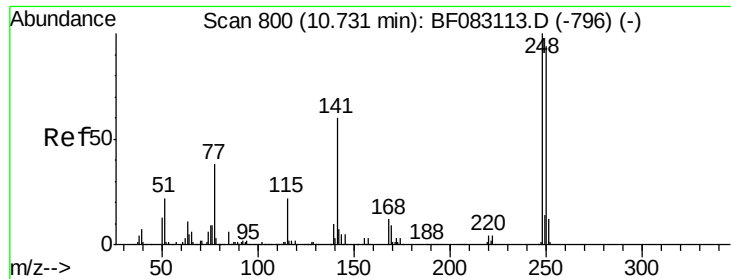
Tgt Ion:	165	Resp:	35909
Ion Ratio	Lower	Upper	
165	100		
63	1.8	54.5	81.7#
89	1.1	77.3	115.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083293.D
 Acq: 26 Nov 2015 00:45

Tgt Ion:	188	Resp:	435313
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.0	9.0#
80	11.4	6.7	10.1#

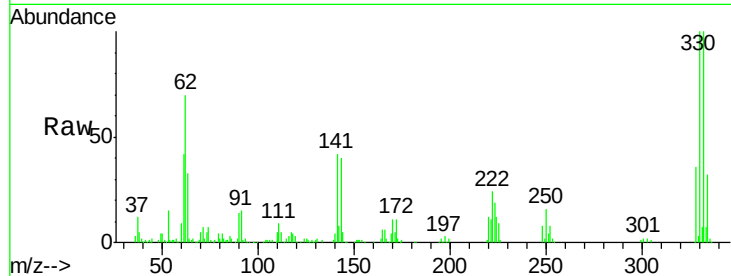




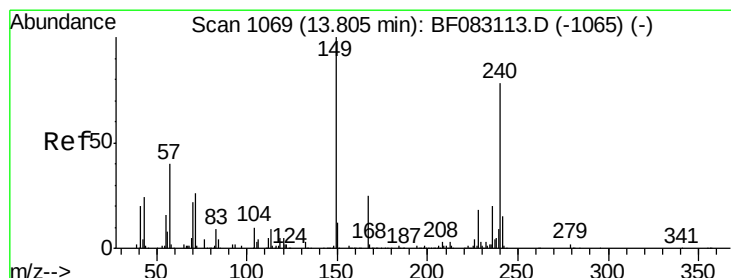
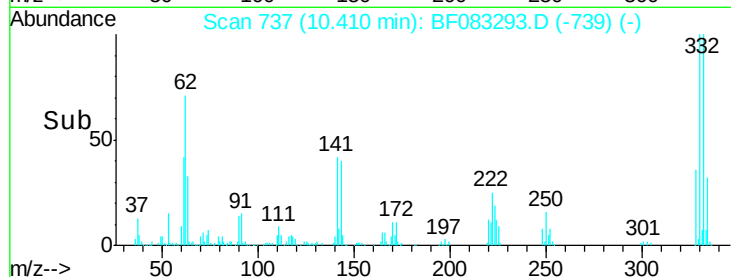
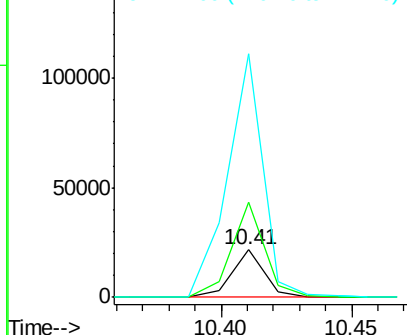
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.41 min Scan# 737
Delta R.T. -0.32 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Instrument :
BNA_F
ClientSampleId :
IM-TOPSOIL-001

Tgt Ion:248 Resp: 18895
Ion Ratio Lower Upper
248 100
250 200.8 75.4 113.2#
141 515.0 48.1 72.1#

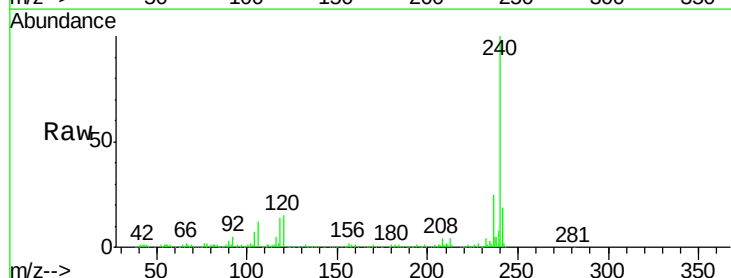


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

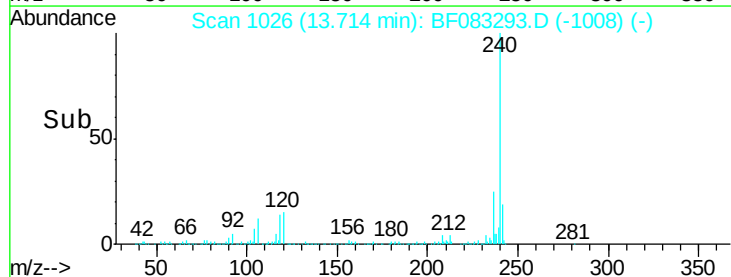
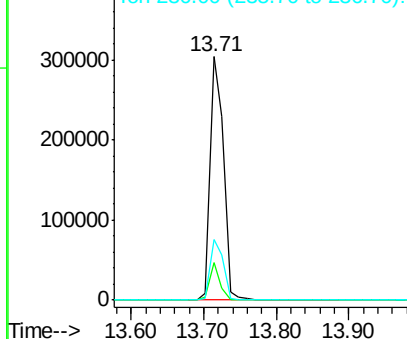


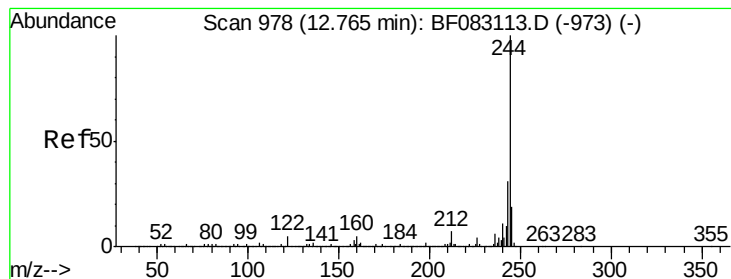
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF083293.D
Acq: 26 Nov 2015 00:45

Tgt Ion:240 Resp: 384402
Ion Ratio Lower Upper
240 100
120 15.2 5.4 8.2#
236 24.7 20.6 31.0



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: 64.11 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

Instrument :

BNA_F

ClientSampleId :

IM-TOPSOIL-001

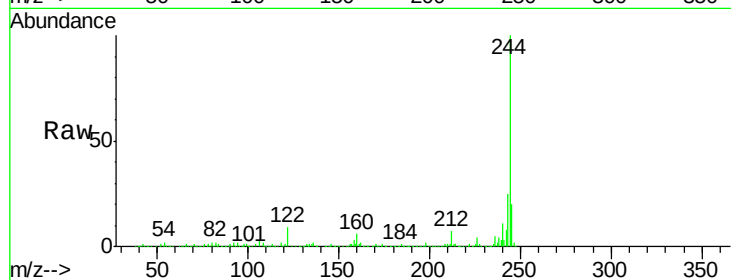
Tgt Ion:244 Resp: 1046574

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

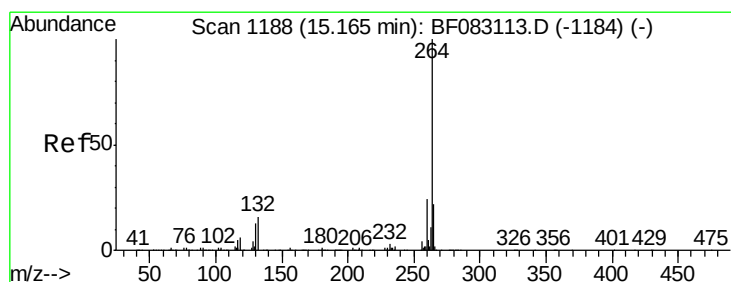
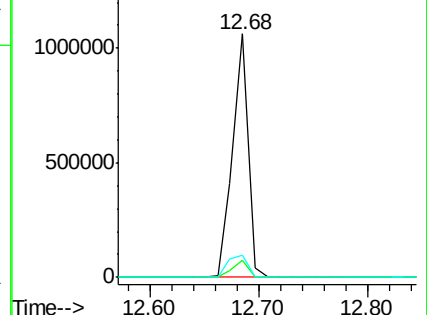
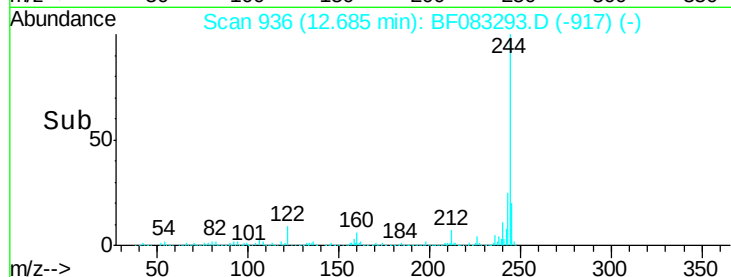
122 8.9 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083293.D

Acq: 26 Nov 2015 00:45

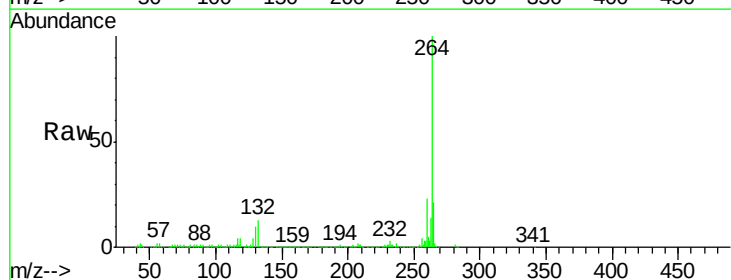
Tgt Ion:264 Resp: 361312

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 20.6 18.2 27.4



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

