

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090044.D
 Acq On : 9 Sep 2016 00:33
 Operator : UM/SJ
 Sample : H4688-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-SOILPILES-UST16

Quant Time: Sep 09 04:40:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

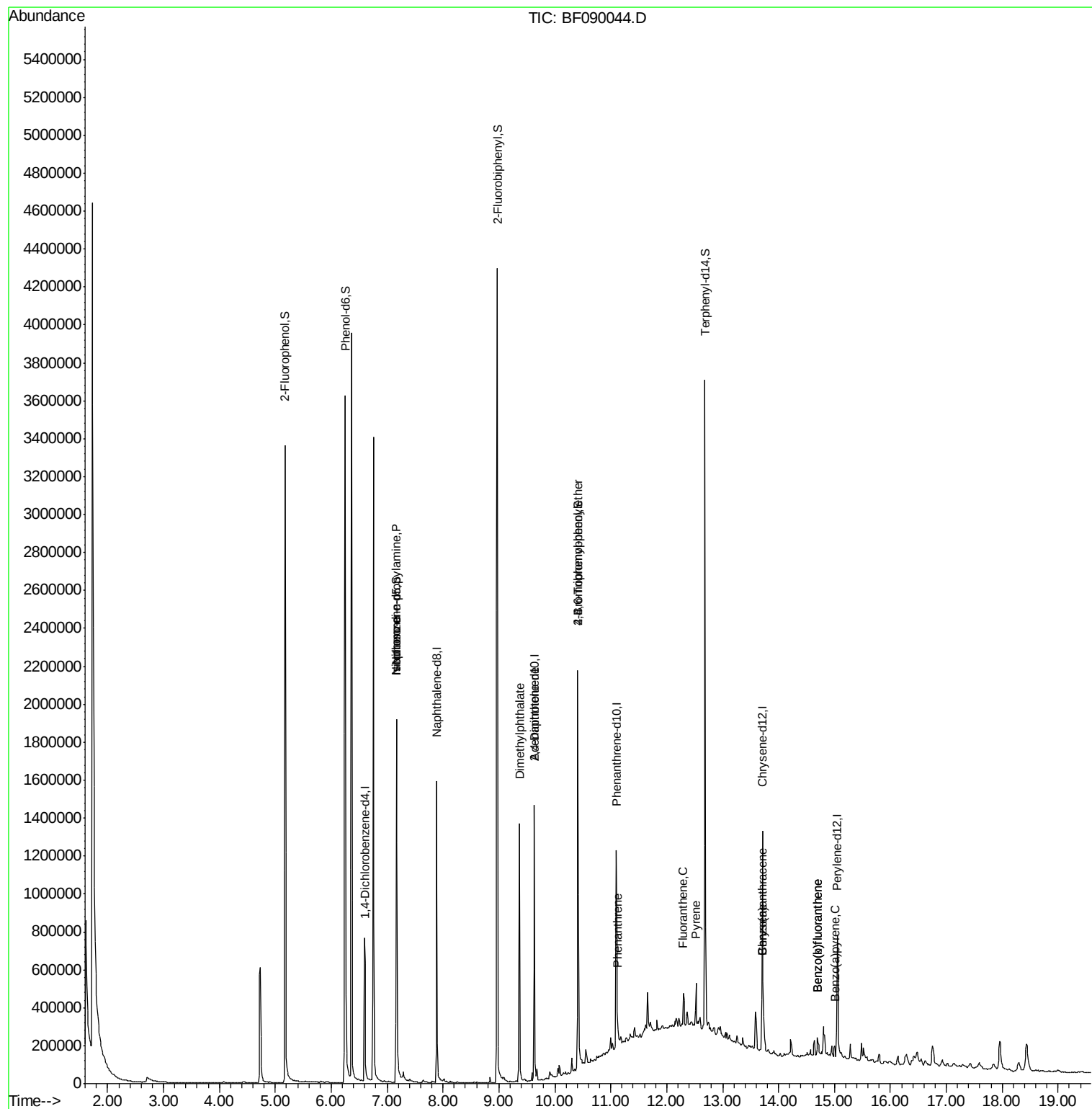
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	184479	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	764602	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	348205	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	549451	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	444770	20.00	ng	-0.01
86) Perylene-d12	15.05	264	328771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1268017	110.02	ng	0.01
7) Phenol-d6	6.25	99	1575511	112.50	ng	0.00
23) Nitrobenzene-d5	7.16	82	928684	70.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	337227	98.17	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1833866	86.45	ng	0.00
78) Terphenyl-d14	12.69	244	1242113	68.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	117501	12.88	ng	# 84
25) Isophorone	7.16	82	858160	32.01	ng	# 65
49) Dimethylphthalate	9.37	163	941795	37.42	ng	98
56) 2,4-Dinitrotoluene	9.63	165	43390	6.11	ng	# 29
66) 4-Bromophenyl-phenylether	10.41	248	19994	3.61	ng	# 1
70) Phenanthrene	11.12	178	56048	2.05	ng	97
74) Fluoranthene	12.30	202	105146	3.67	ng	90
77) Pyrene	12.53	202	111175	3.55	ng	99
80) Benzo(a)anthracene	13.70	228	58491	2.15	ng	# 96
82) Chrysene	13.70	228	58491	2.30	ng	93
87) Benzo(b)fluoranthene	14.70	252	76635	3.72	ng	# 95
88) Benzo(k)fluoranthene	14.70	252	76635	4.38	ng	# 96
89) Benzo(a)pyrene	15.01	252	35726	2.02	ng	# 88

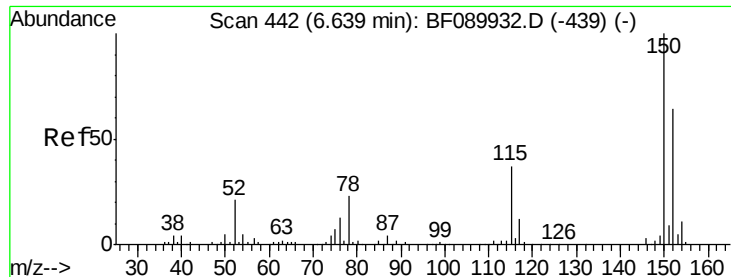
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF090044.D

Acq: 9 Sep 2016 00:33

Instrument :

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SS-SOILPILES-UST16

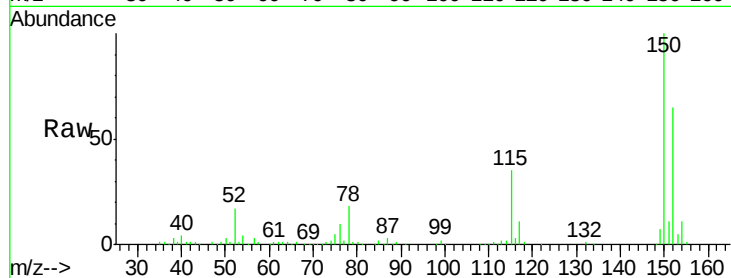
Tgt Ion:152 Resp: 184479

Ion Ratio Lower Upper

152 100

150 153.4 127.4 191.2

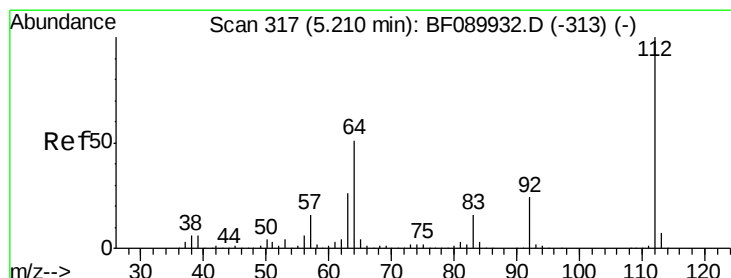
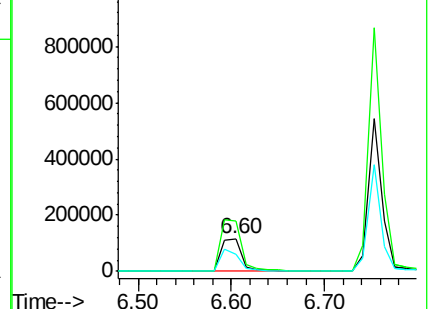
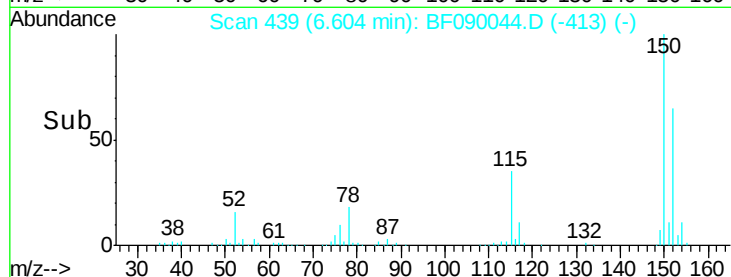
115 53.0 46.3 69.5



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: 110.02 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090044.D

Acq: 9 Sep 2016 00:33

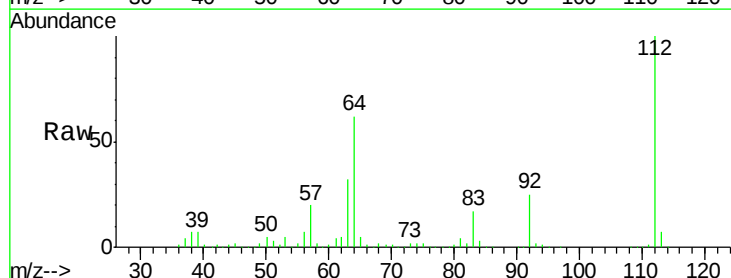
Tgt Ion:112 Resp: 1268017

Ion Ratio Lower Upper

112 100

64 61.9 41.1 61.7#

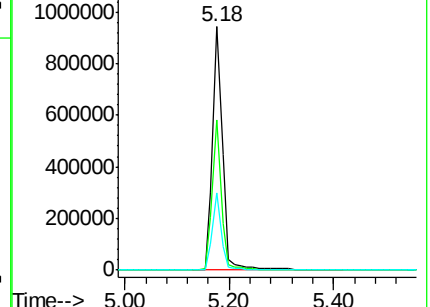
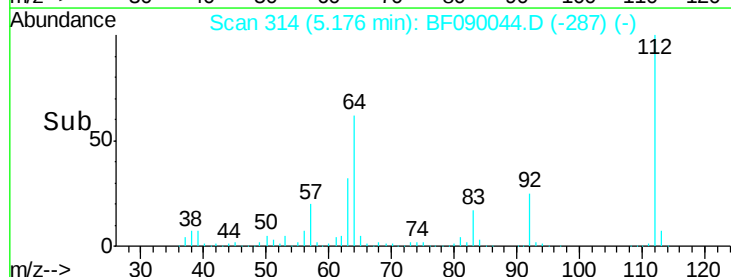
63 31.7 21.2 31.8

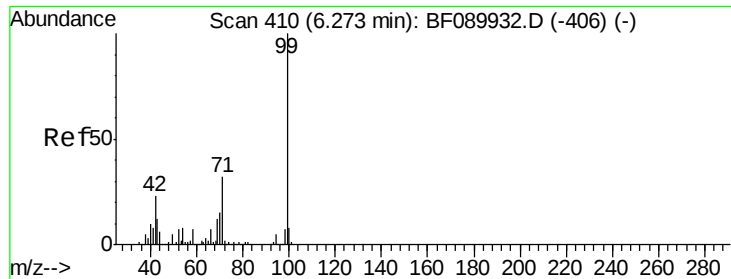


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.50 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090044.D

Acq: 9 Sep 2016 00:33

Instrument :

BNA_F

ClientSampleId :

SS-SOILPILES-UST16

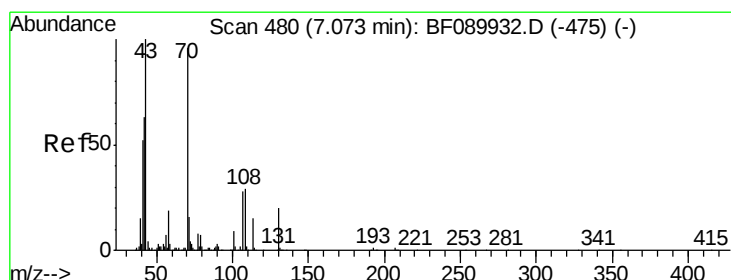
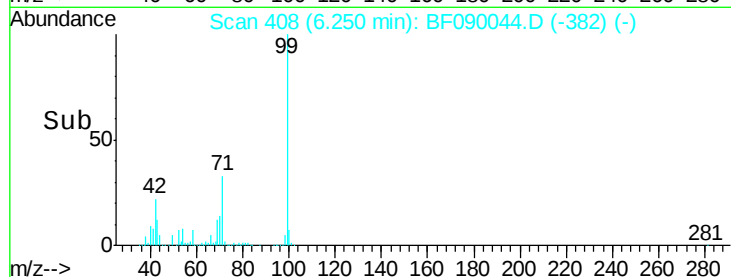
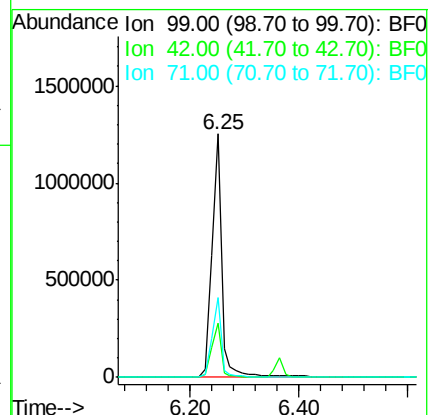
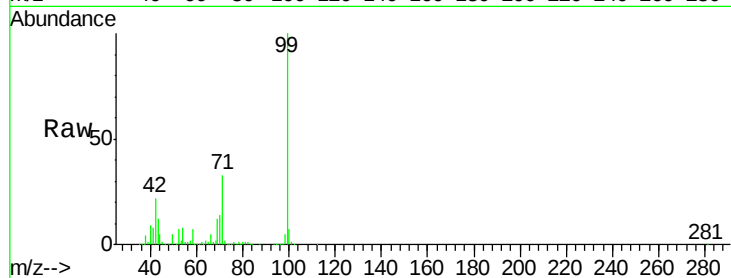
Tgt Ion: 99 Resp: 157511

Ion Ratio Lower Upper

99 100

42 22.4 18.6 27.8

71 32.7 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.88 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090044.D

Acq: 9 Sep 2016 00:33

Tgt Ion: 70 Resp: 117501

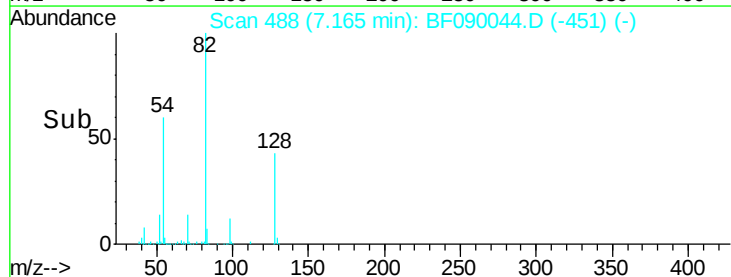
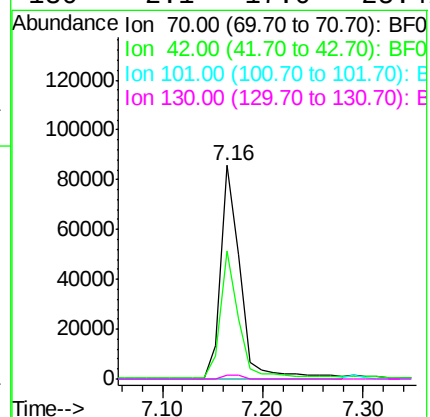
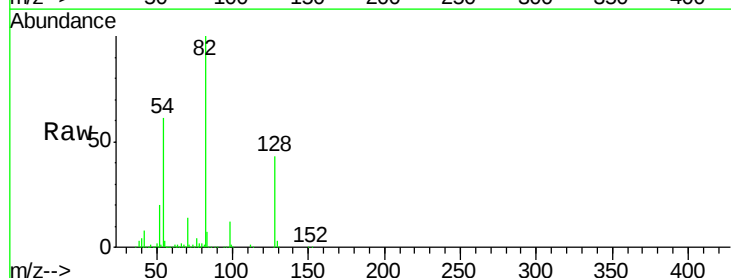
Ion Ratio Lower Upper

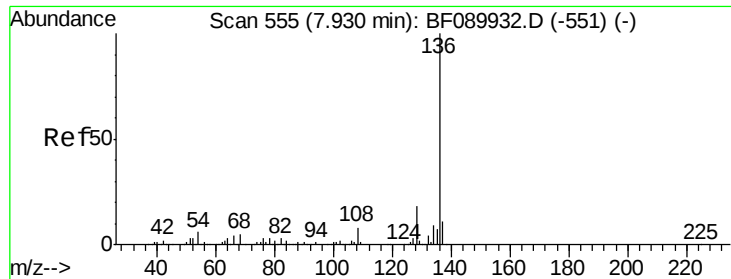
70 100

42 60.1 52.1 78.1

101 0.0 7.4 11.2#

130 2.1 17.0 25.4#

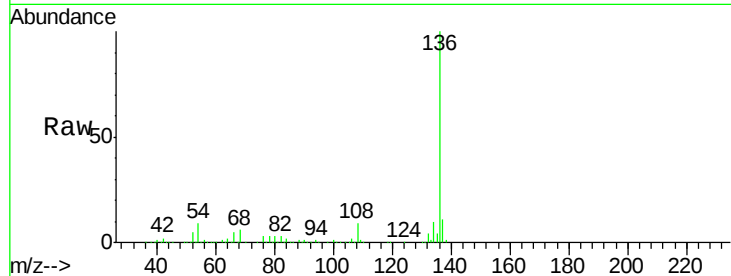




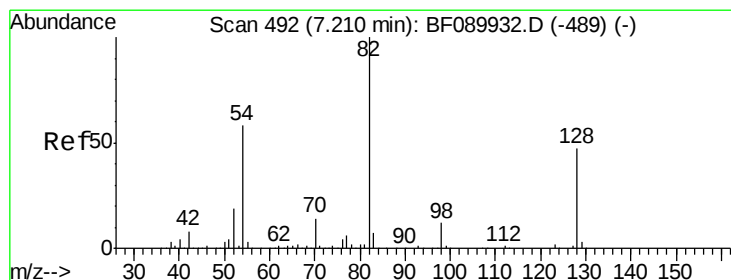
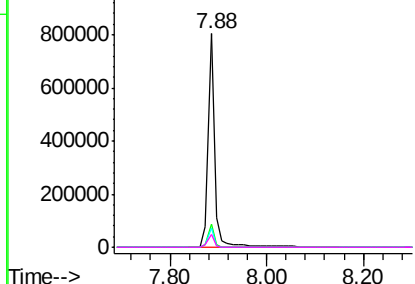
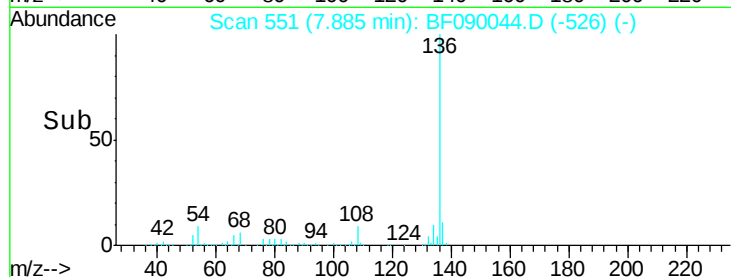
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090044.D
Acq: 9 Sep 2016 00:33

Instrument :
BNA_F
ClientSampleId :
SS-SOILPILES-UST16

Tgt Ion:	136	Resp:	764602
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.3	12.5
54	8.8	4.8	7.2#
68	5.8	3.7	5.5#

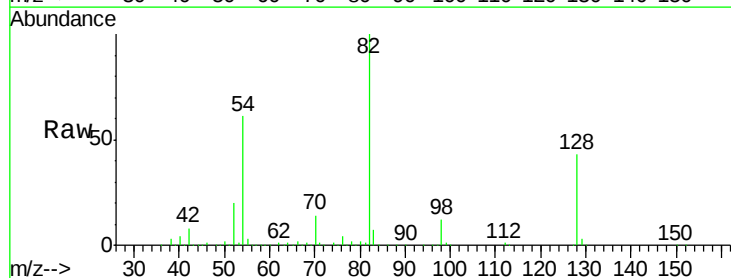


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 70.44 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090044.D
Acq: 9 Sep 2016 00:33

Tgt Ion:	82	Resp:	928684
Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.8	56.8
54	61.1	46.9	70.3



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

