

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110116\
 Data File : BF090951.D
 Acq On : 1 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5479-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TULLY-ONSITEMISC-SOIL

Quant Time: Nov 01 23:52:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

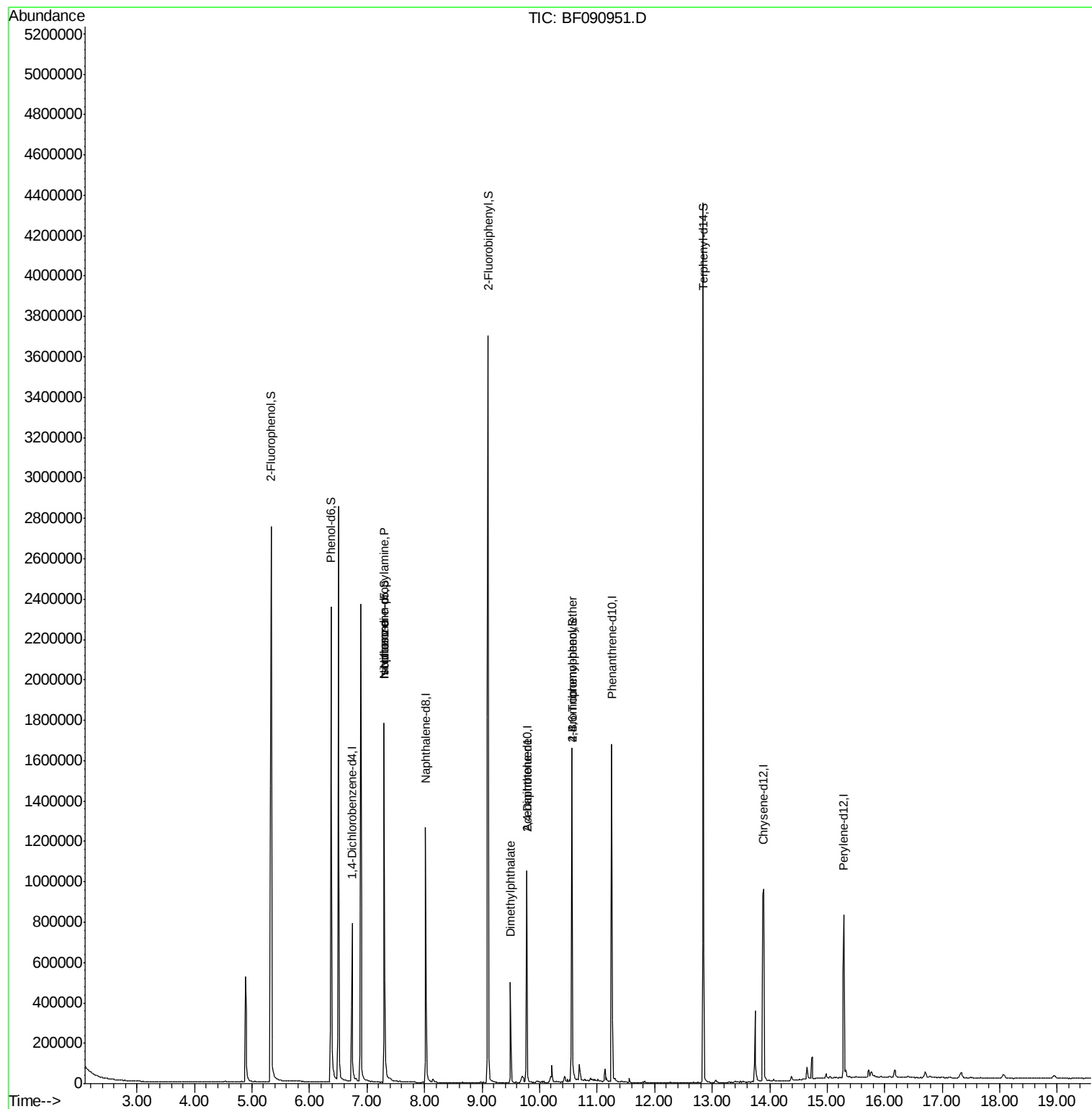
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	148436	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	620639	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	339097	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	583914	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	484542	20.00	ng	-0.01
86) Perylene-d12	15.29	264	363710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	913253	107.57	ng	0.00
7) Phenol-d6	6.37	99	1141507	99.66	ng	-0.02
23) Nitrobenzene-d5	7.30	82	709227	74.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	300733	86.30	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1342794	69.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1301774	67.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	96148	14.52	ng	# 55
25) Isophorone	7.30	82	635710	33.04	ng	# 58
49) Dimethylphthalate	9.49	163	213766	9.44	ng	# 97
56) 2,4-Dinitrotoluene	9.78	165	43241	6.96	ng	# 32
66) 4-Bromophenyl-phenylether	10.57	248	19016	2.97	ng	# 1

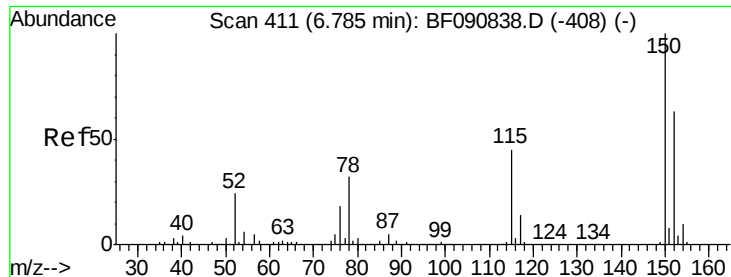
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 23:52:22 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

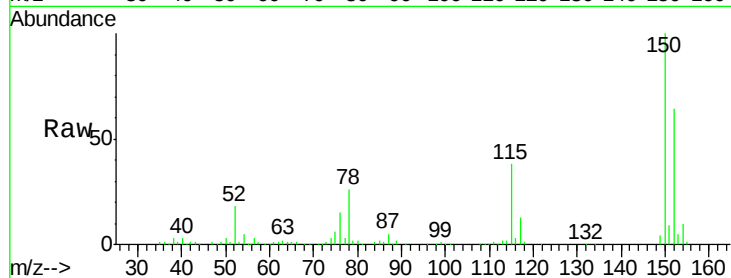
Tgt Ion:152 Resp: 148436

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

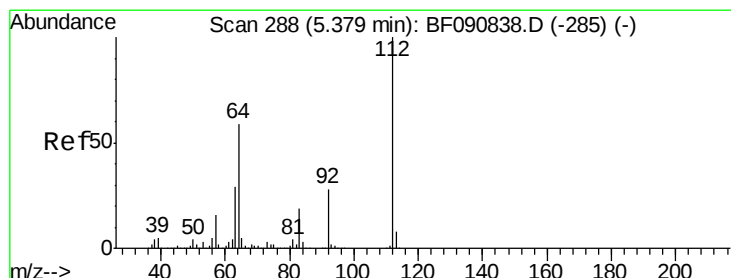
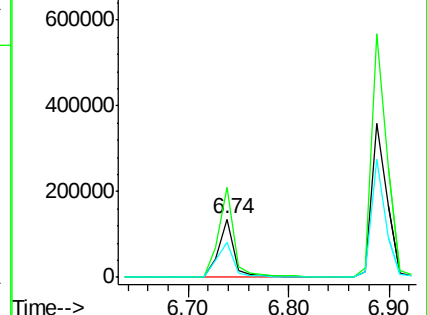
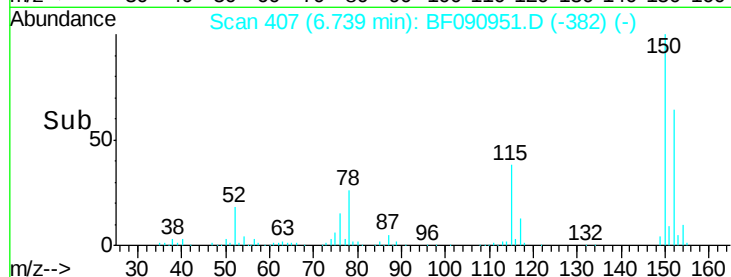
115 59.5 39.0 58.4#



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: 107.57 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

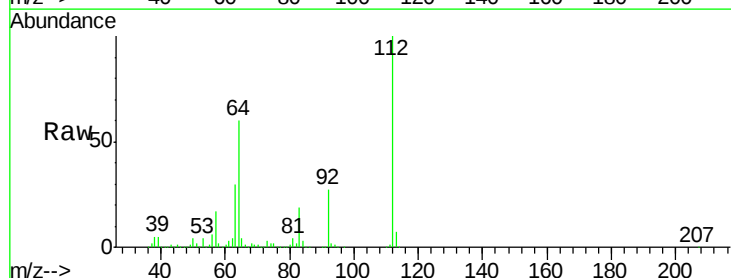
Tgt Ion:112 Resp: 913253

Ion Ratio Lower Upper

112 100

64 60.2 39.7 59.5#

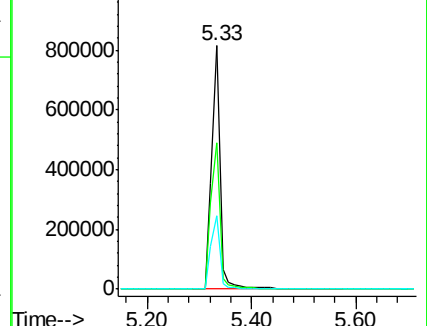
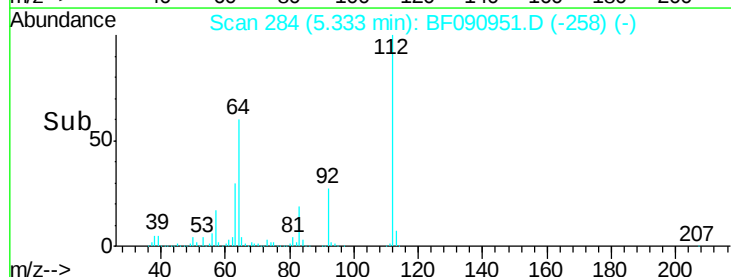
63 29.9 17.4 26.0#



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: 99.66 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

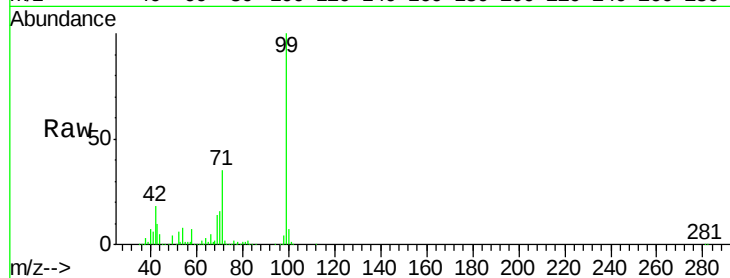
Tgt Ion: 99 Resp: 1141507

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

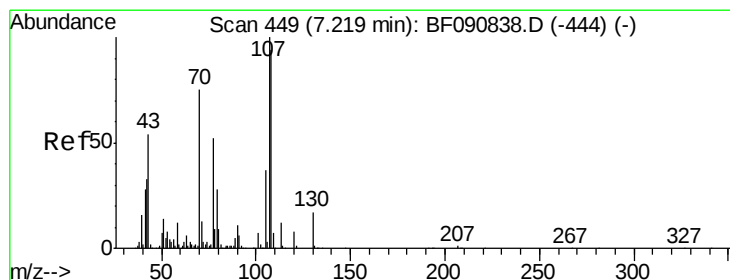
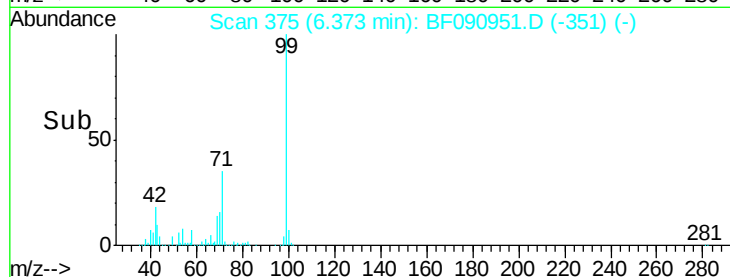
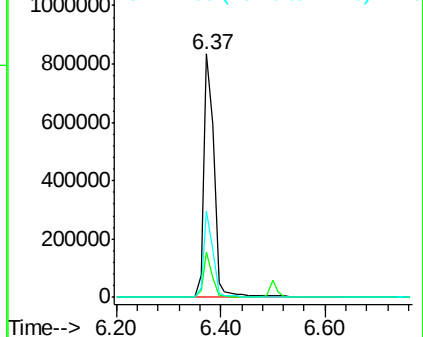
71 35.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.52 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.13 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Tgt Ion: 70 Resp: 96148

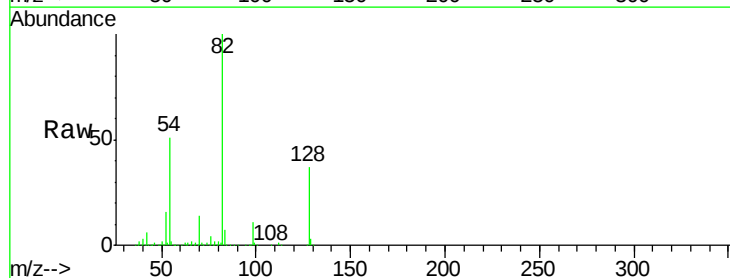
Ion Ratio Lower Upper

70 100

42 42.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

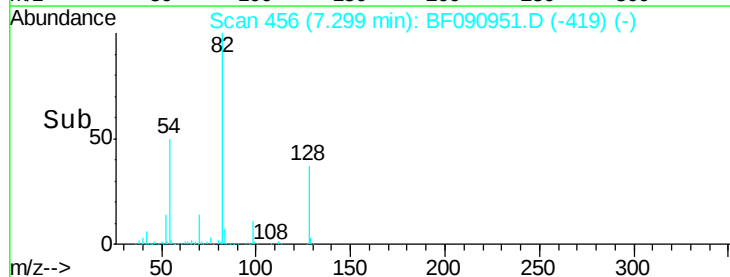
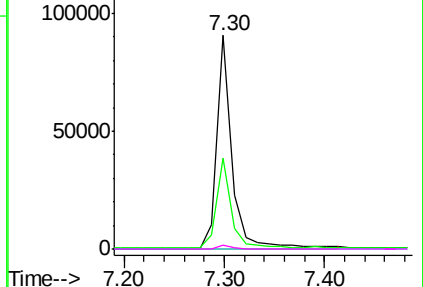


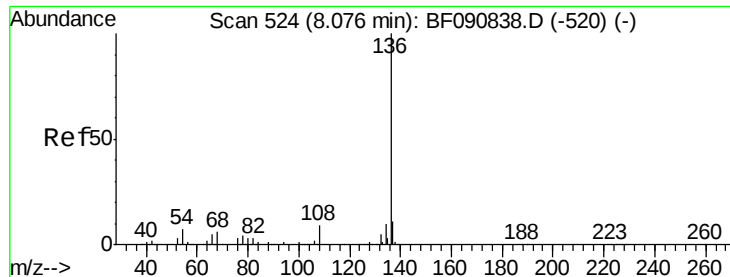
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

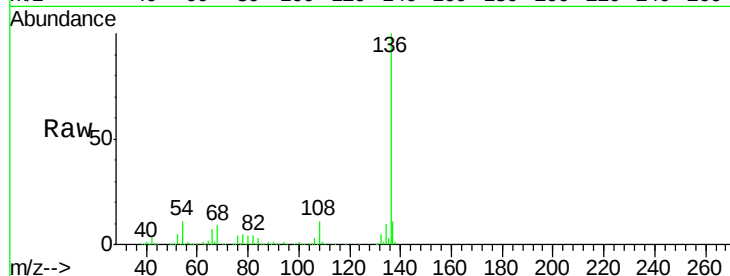
Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

Tgt Ion:	136	Resp:	620639
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	11.0	8.2	12.2
68	9.1	5.8	8.6#

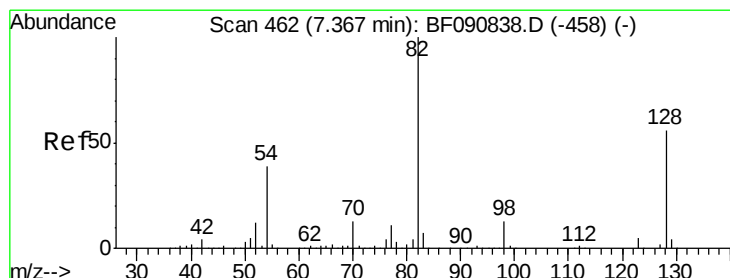
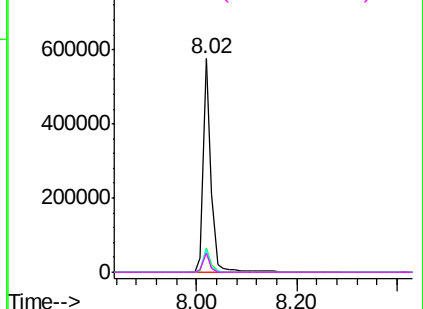
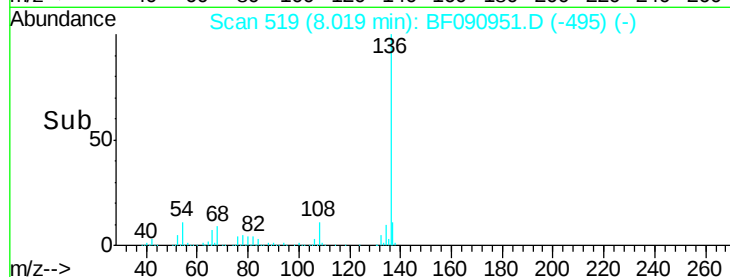


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.81 ng

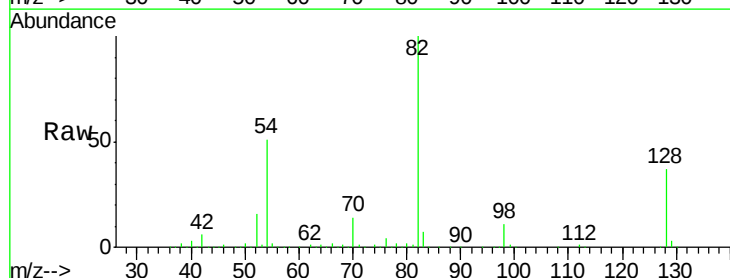
RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

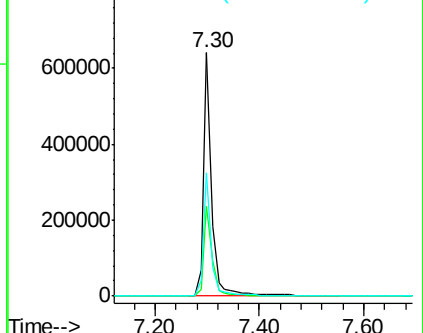
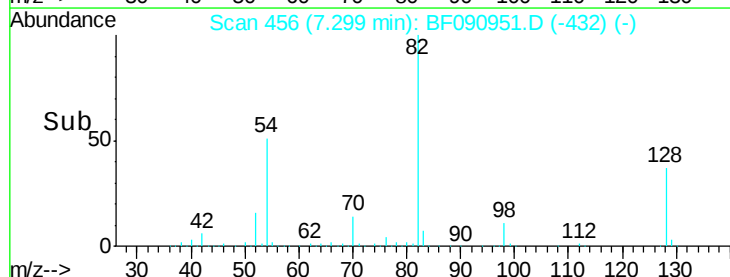
Tgt Ion:	82	Resp:	709227
Ion Ratio	Lower	Upper	
82	100		
128	36.8	51.0	76.6#
54	50.7	47.5	71.3

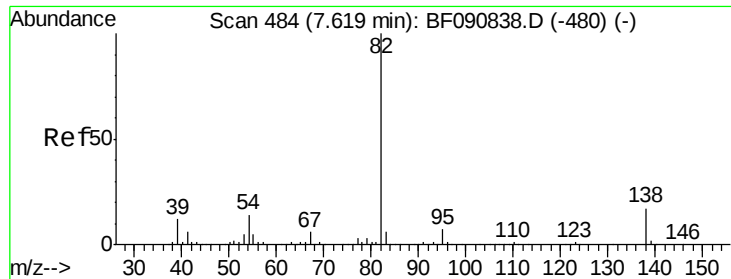


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.04 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

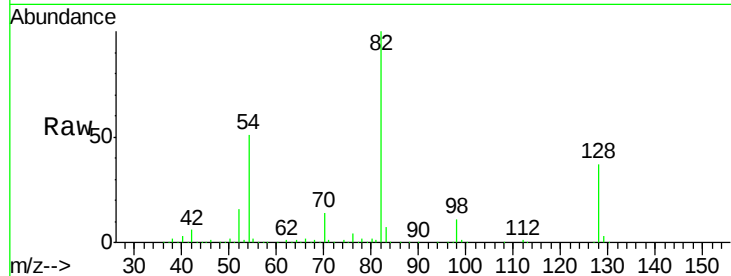
Tgt Ion: 82 Resp: 635710

Ion Ratio Lower Upper

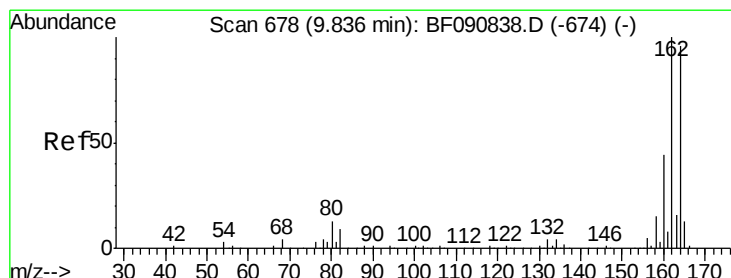
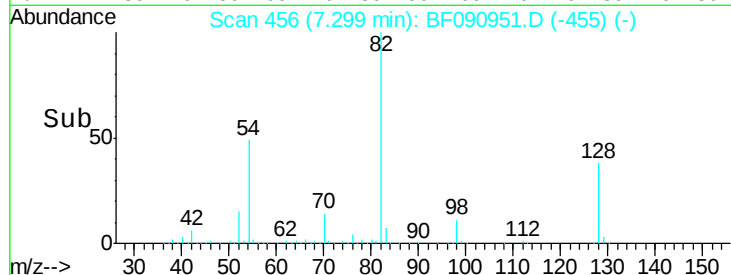
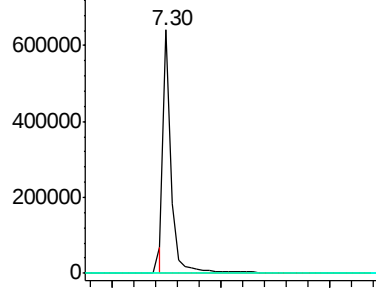
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

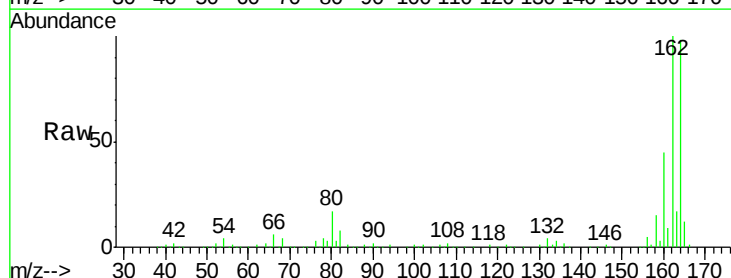
Tgt Ion: 164 Resp: 339097

Ion Ratio Lower Upper

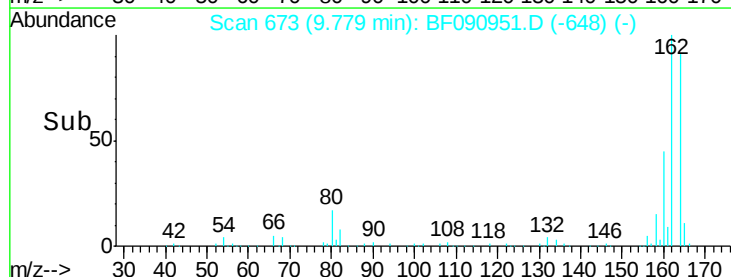
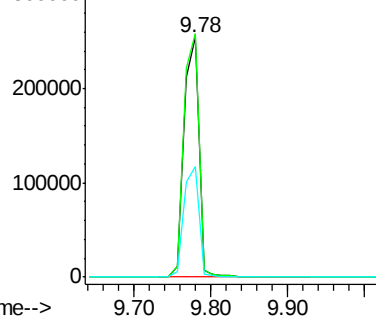
164 100

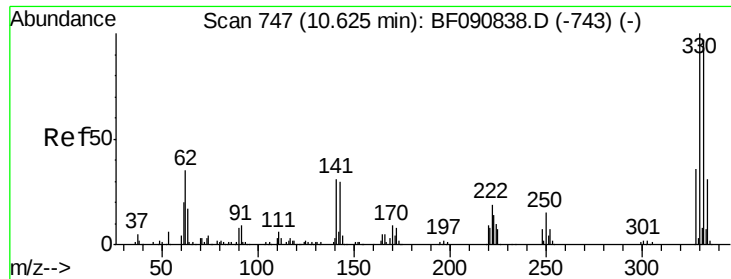
162 101.7 75.2 112.8

160 46.0 31.5 47.3



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

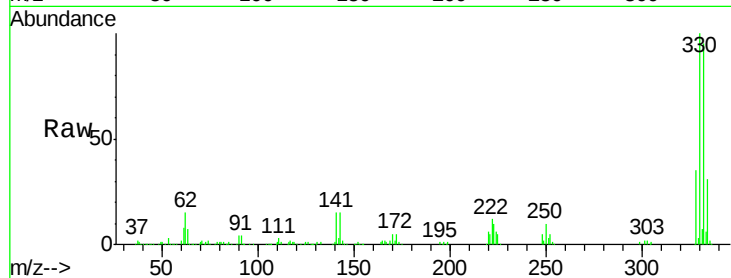




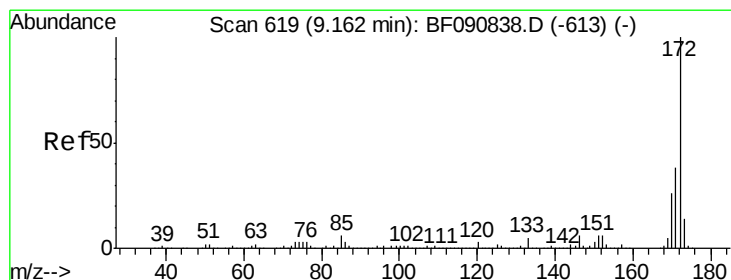
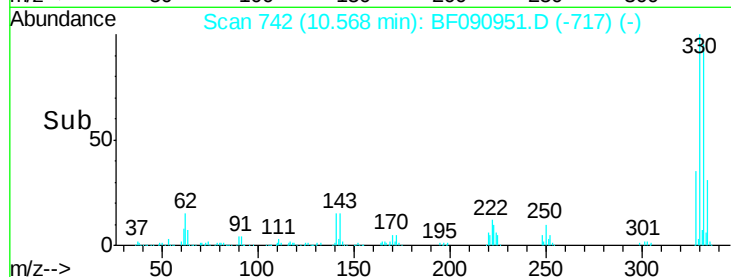
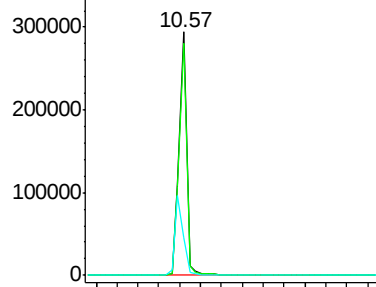
#41
 2,4,6-Tribromophenol
 Concen: 86.30 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090951.D
 Acq: 1 Nov 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 TULLY-ONSITEMISC-SOIL

Tgt Ion:330 Resp: 300733
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 36.2 29.7 44.5

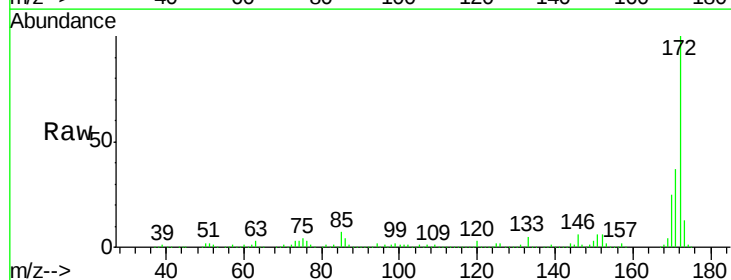


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

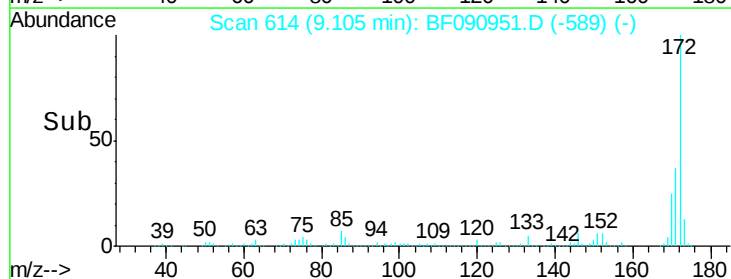
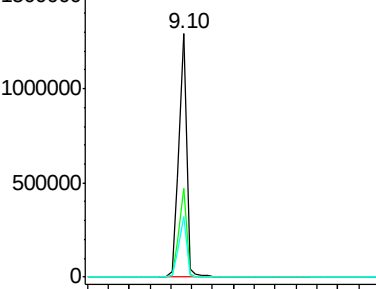


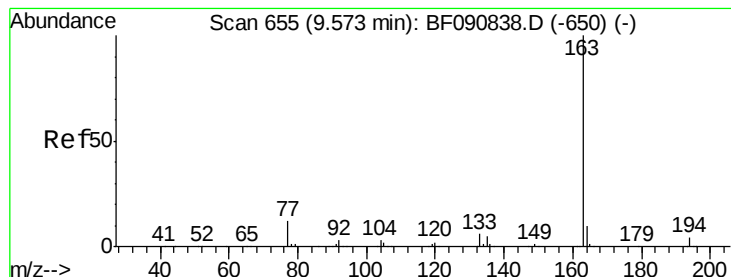
#44
 2-Fluorobiphenyl
 Concen: 69.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090951.D
 Acq: 1 Nov 2016 15:26

Tgt Ion:172 Resp: 1342794
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.9 17.4 26.2



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: 9.44 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

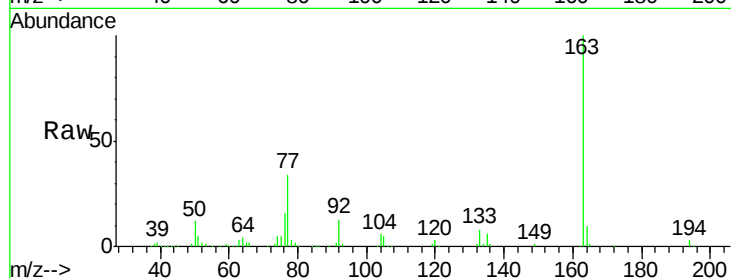
Tgt Ion:163 Resp: 213766

Ion Ratio Lower Upper

163 100

194 2.5 4.4 6.6#

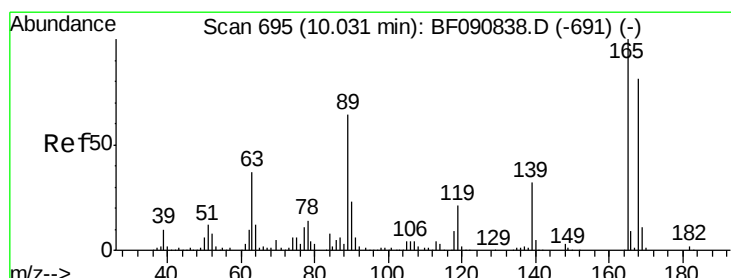
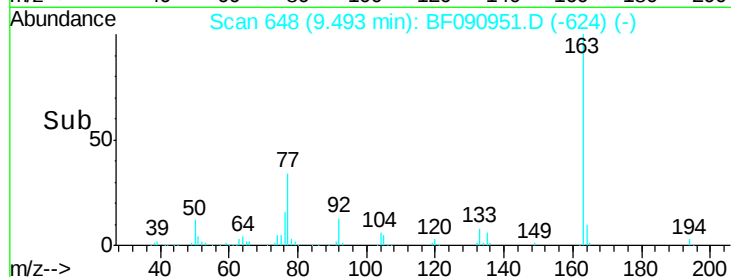
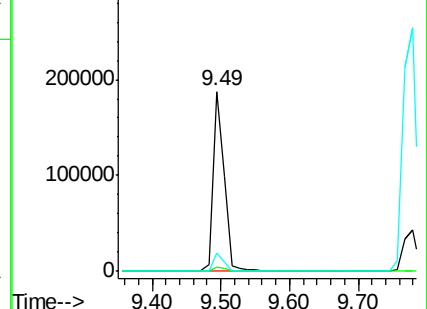
164 10.4 8.3 12.5



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: 6.96 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.21 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Tgt Ion:165 Resp: 43241

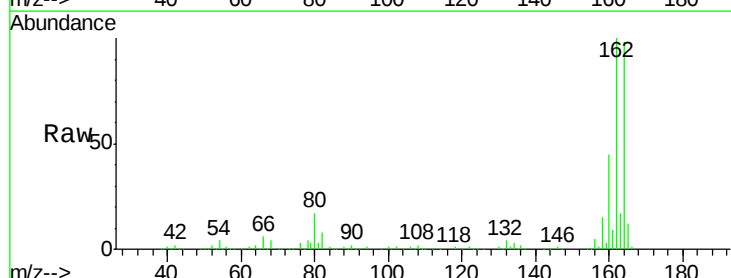
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 1.0 44.5 66.7#

182 0.0 3.0 4.4#

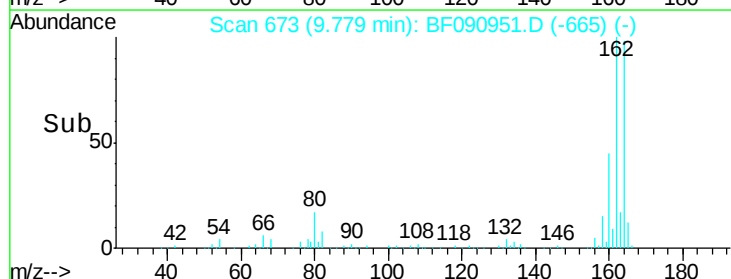
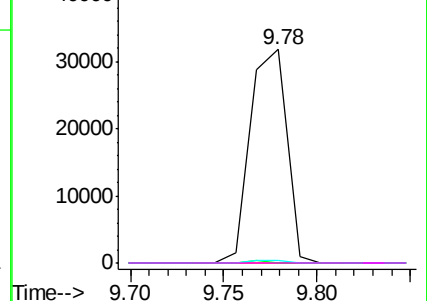


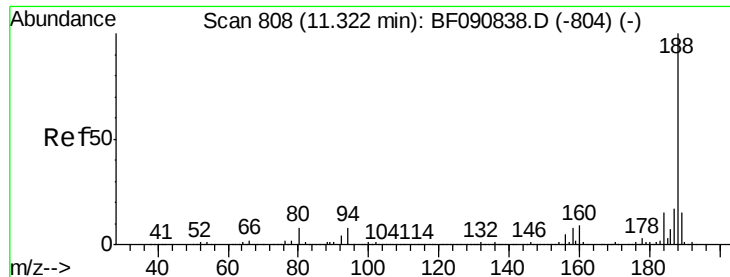
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

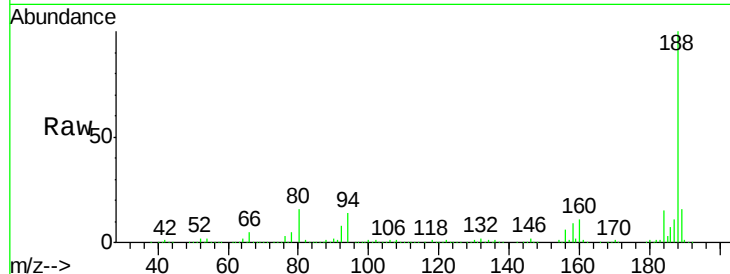




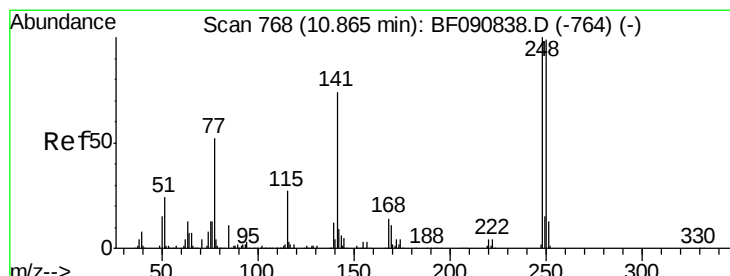
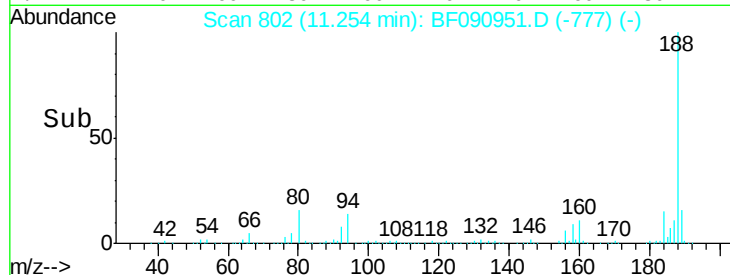
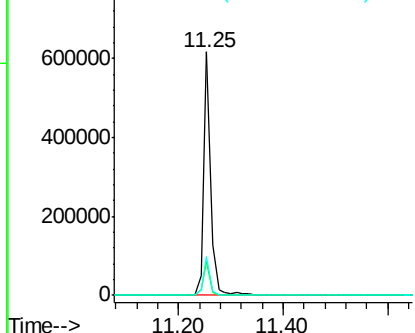
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090951.D
Acq: 1 Nov 2016 15:26

Instrument :
BNA_F
ClientSampleId :
TULLY-ONSITEMISC-SOIL

Tgt Ion:188 Resp: 583914
Ion Ratio Lower Upper
188 100
94 13.7 11.1 16.7
80 15.8 11.0 16.4

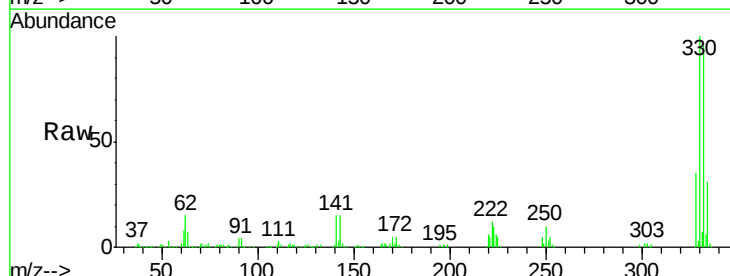


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

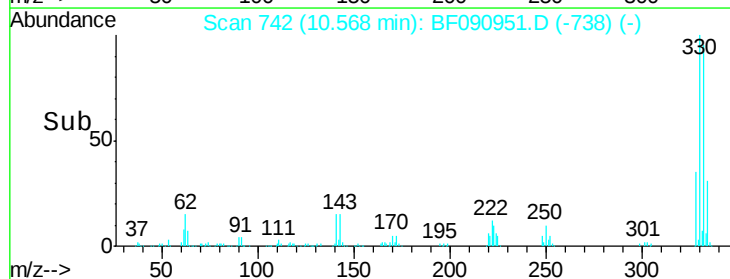
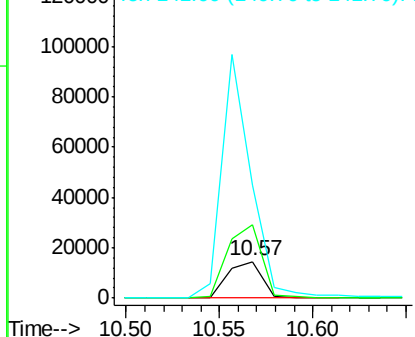


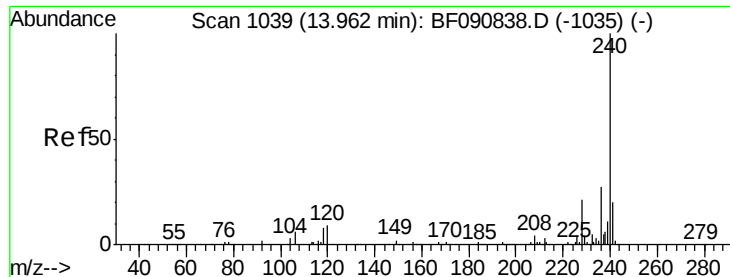
#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF090951.D
Acq: 1 Nov 2016 15:26

Tgt Ion:248 Resp: 19016
Ion Ratio Lower Upper
248 100
250 200.1 78.5 117.7#
141 309.2 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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

Instrument :

BNA_F

ClientSampleId :

TULLY-ONSITEMISC-SOIL

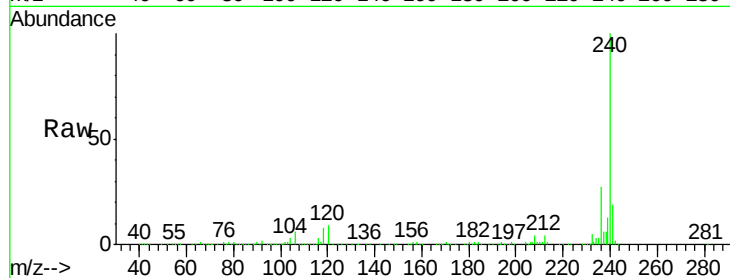
Tgt Ion:240 Resp: 484542

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

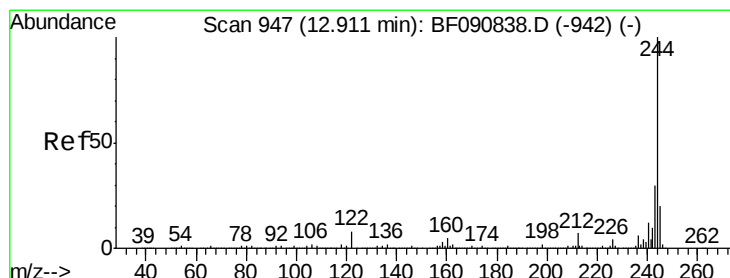
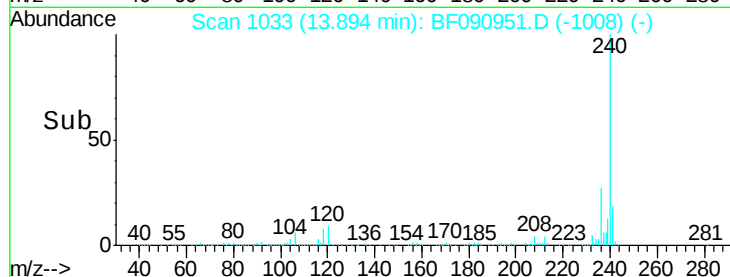
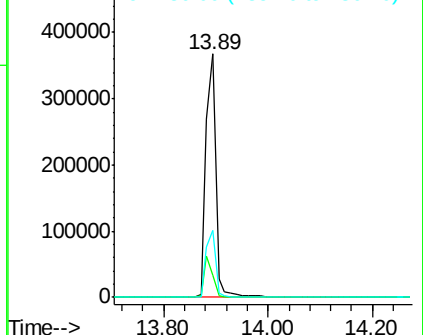
236 27.3 18.4 27.6



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: 67.69 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090951.D

Acq: 1 Nov 2016 15:26

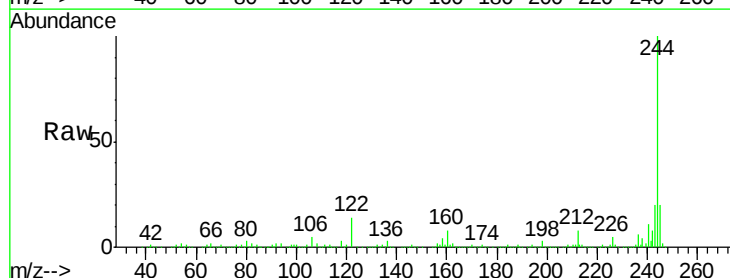
Tgt Ion:244 Resp: 1301774

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

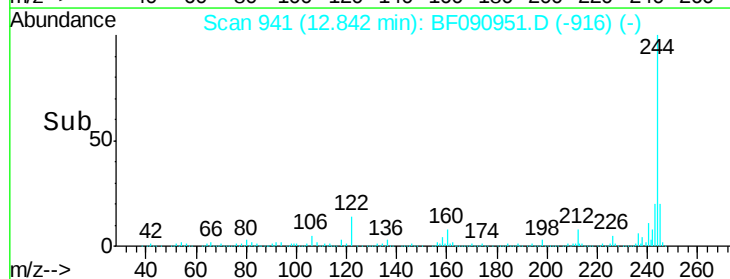
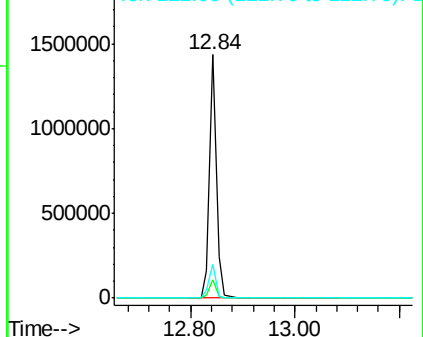
122 13.8 17.4 26.2#

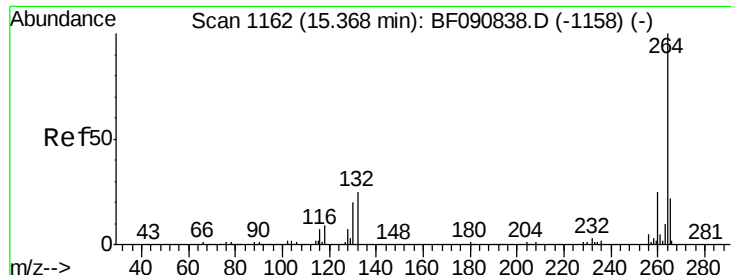


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

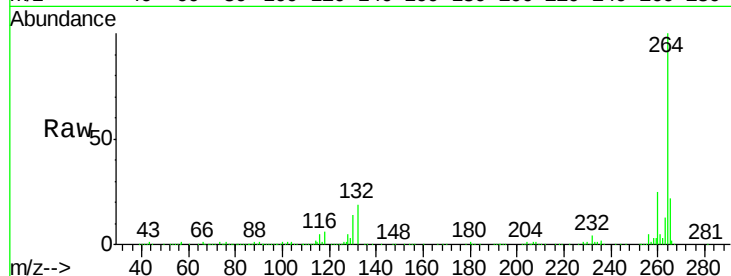




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090951.D
Acq: 1 Nov 2016 15:26

Instrument :
BNA_F
ClientSampleId :
TULLY-ONSITEMISC-SOIL

Tgt Ion: 264 Resp: 363710
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 21.7 17.2 25.8



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

