

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 02 01:21:11 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

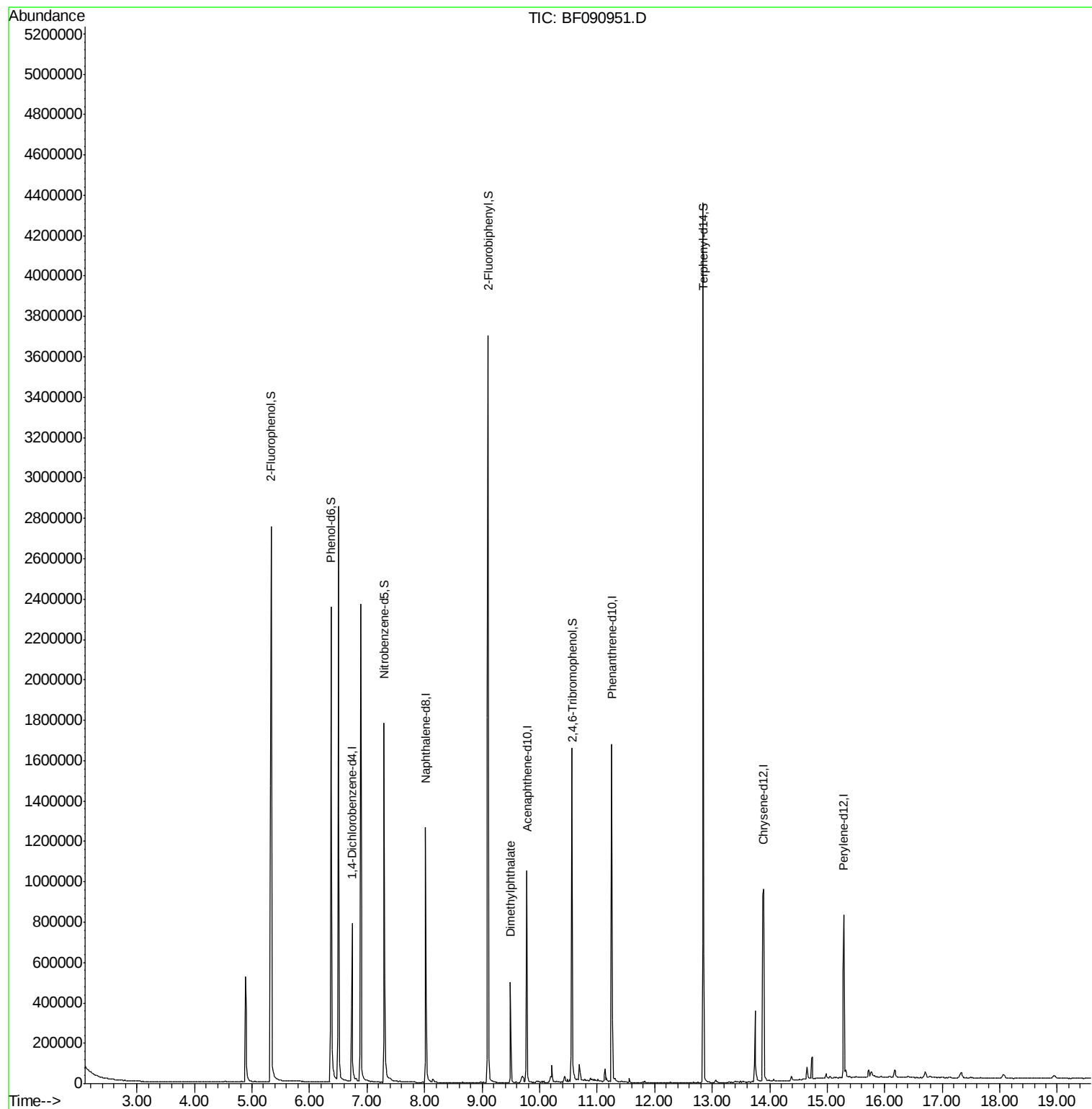
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	148436	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	620639	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	339097	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	583914	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	484542	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						
49) Dimethylphthalate	9.49	163	213766	9.44	ng	Qvalue # 97

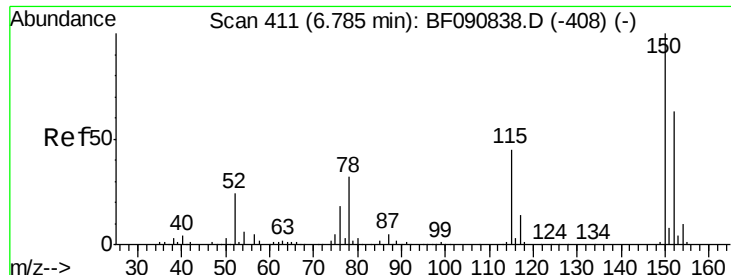
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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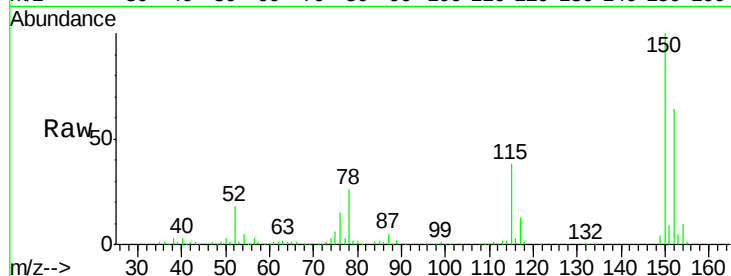


#1

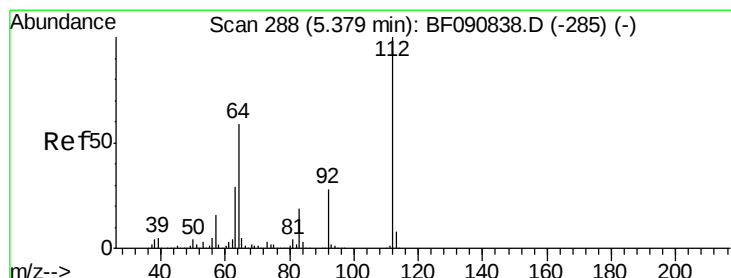
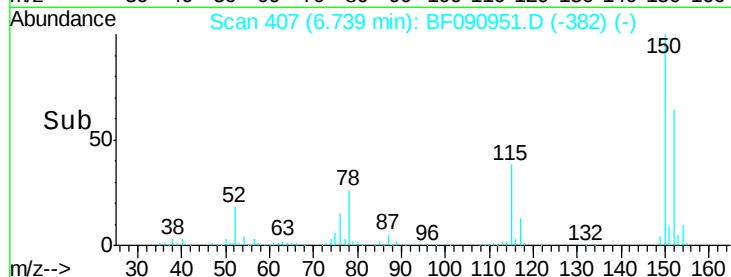
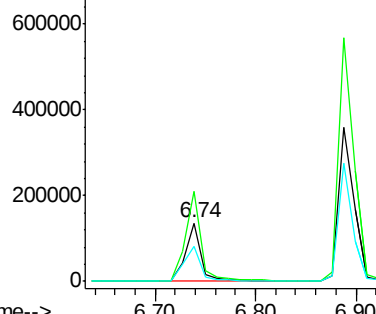
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090951.D
Acq: 1 Nov 2016 15:26

Instrument :
BNA_F
ClientSampleId :
TULLY-ONSITEMISC-SOIL

Tot Ion:152 Resp: 148436
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 59.5 39.0 58.4#



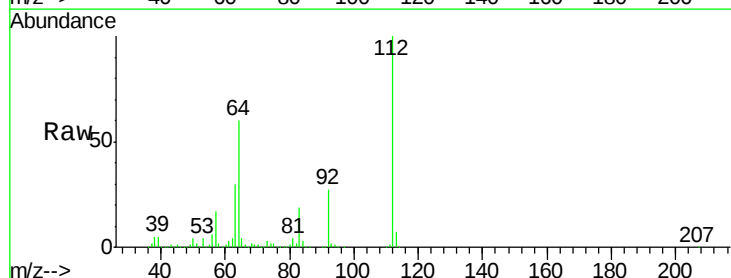
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



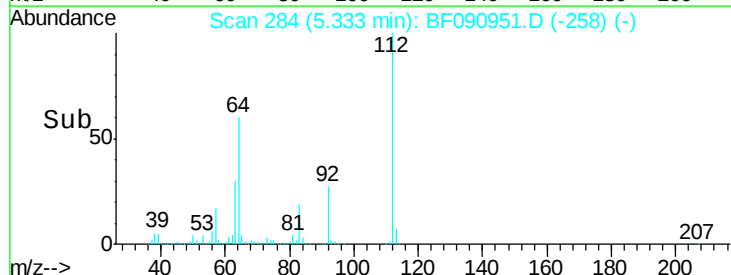
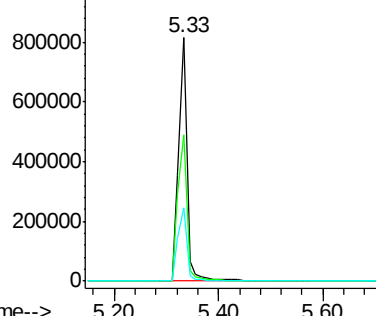
#5

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

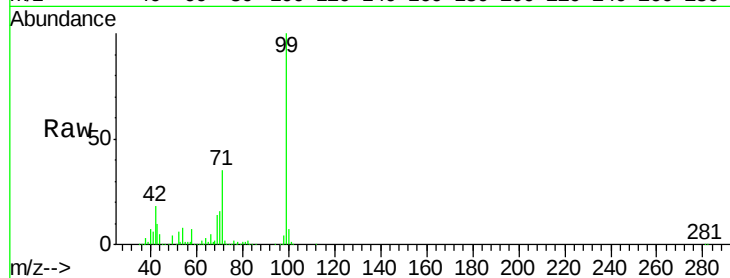
Tot Ion: 99 Resp: 1141507

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

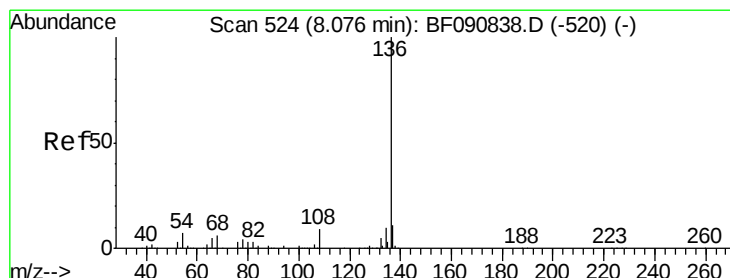
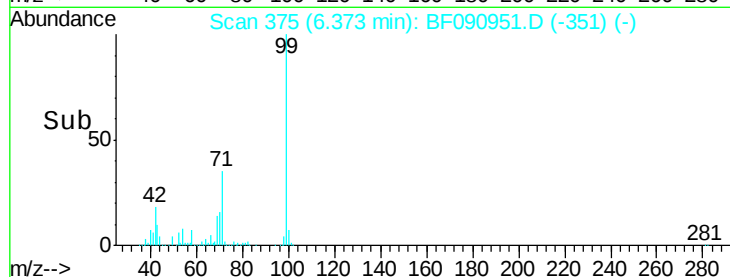
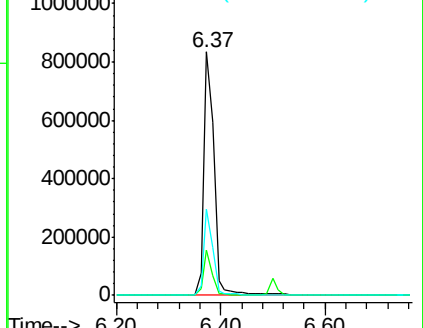
71 35.3 14.2 21.2#



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



#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

Tgt Ion: 136 Resp: 620639

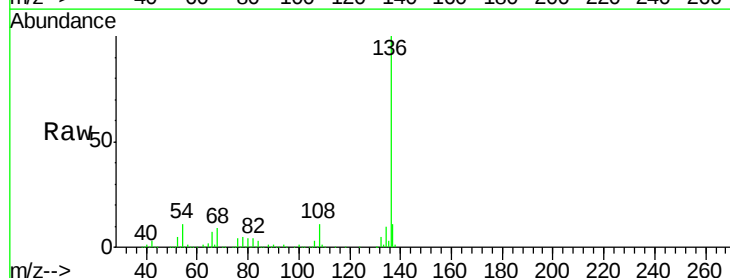
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.0 8.2 12.2

68 9.1 5.8 8.6#

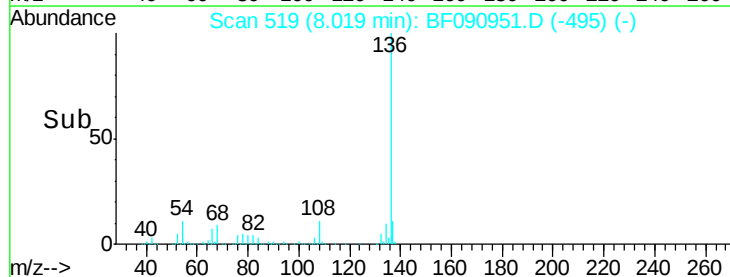
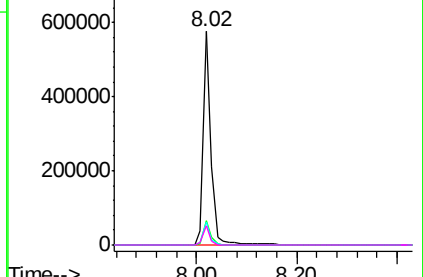


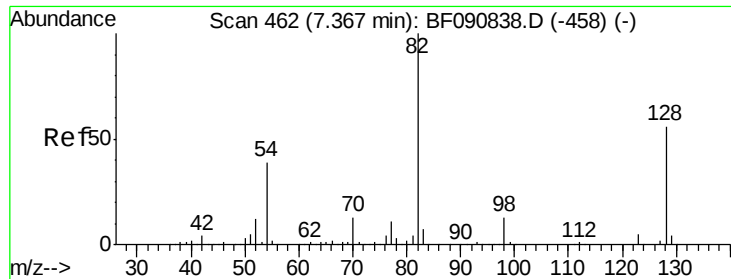
Abundance Ion 136.00 (135.70 to 136.70): E

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

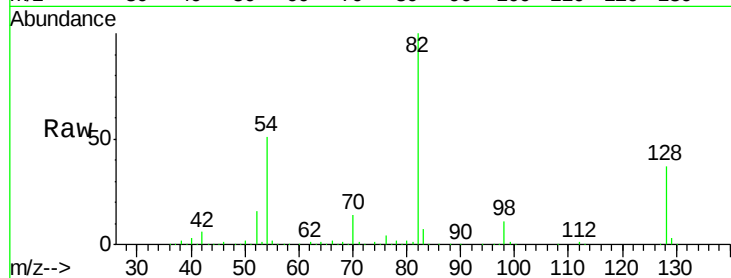




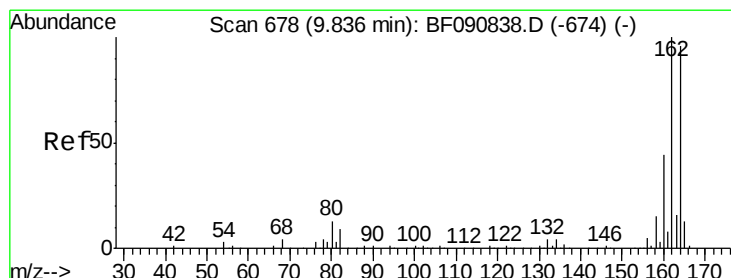
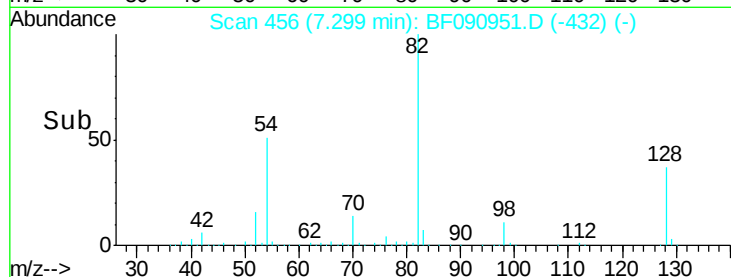
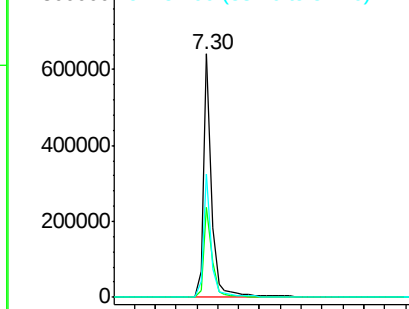
#23
 Nitrobenzene-d5
 Concen: 74.81 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF090951.D
 Acq: 1 Nov 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 TULLY-ONSITEMISC-SOIL

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

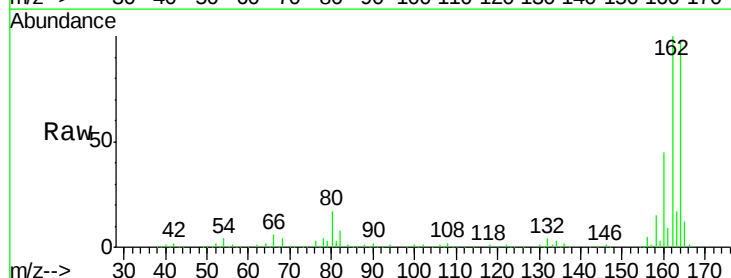


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

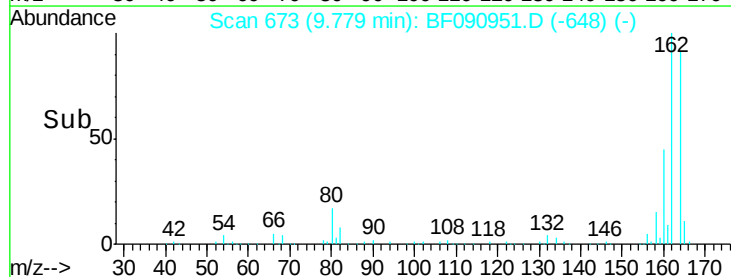
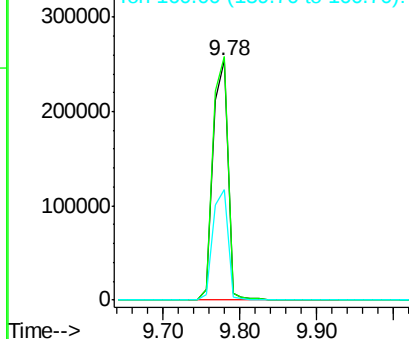


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090951.D
 Acq: 1 Nov 2016 15:26

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

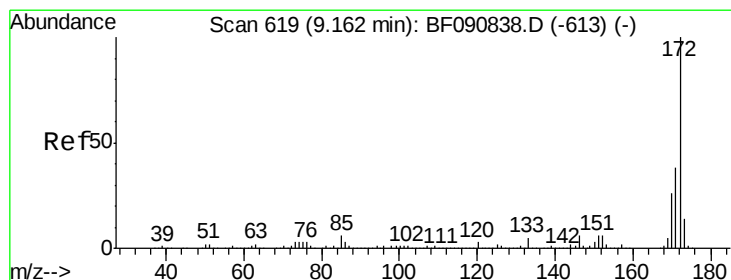
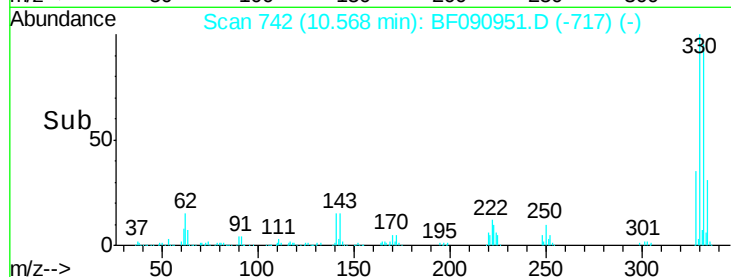
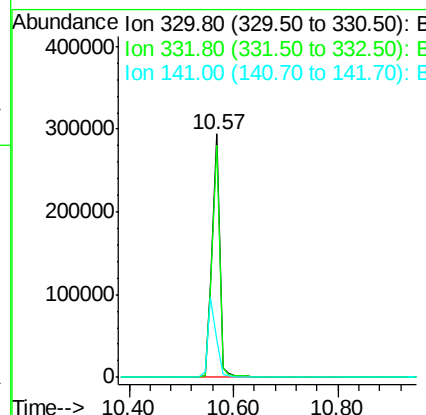
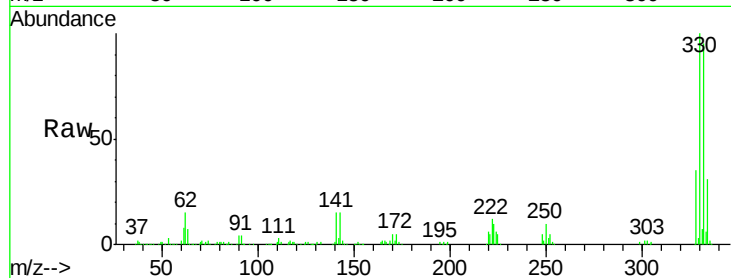




#41
 2,4,6-Tribromophenol
 Concen: 86.30 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090951.D
 Acq: 1 Nov 2016 15:26

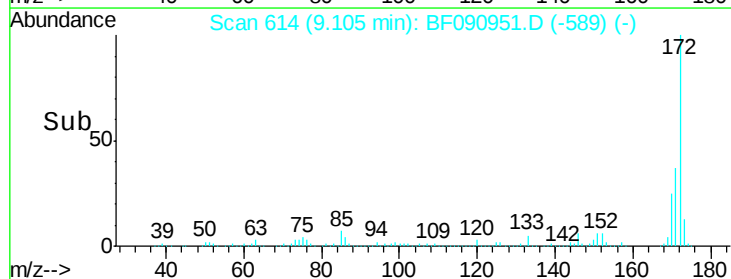
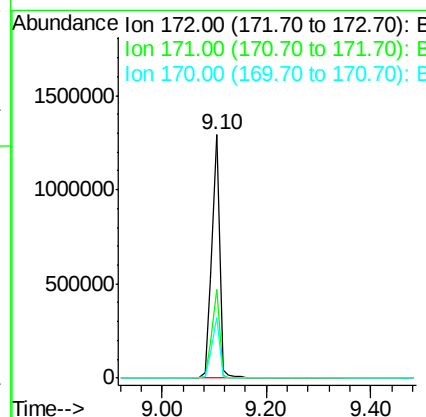
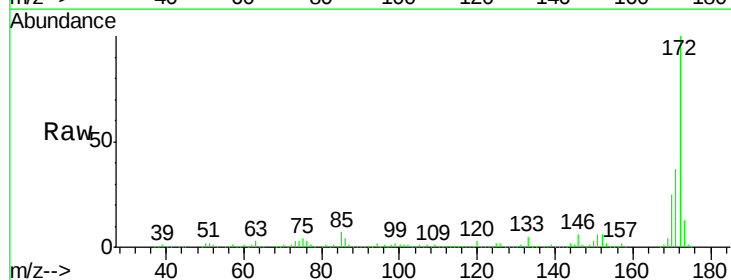
Instrument :
 BNA_F
 ClientSampleId :
 TULLY-ONSITEMISC-SOIL

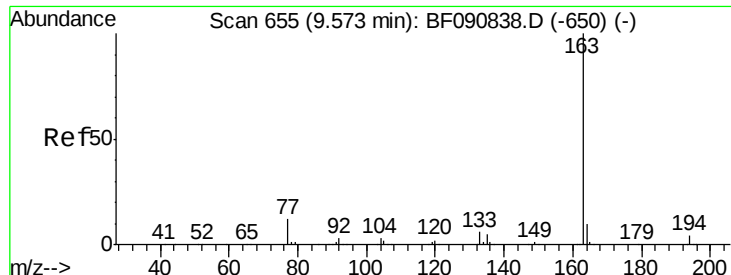
Tot Ion:330 Resp: 300733
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 36.2 29.7 44.5



#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





#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

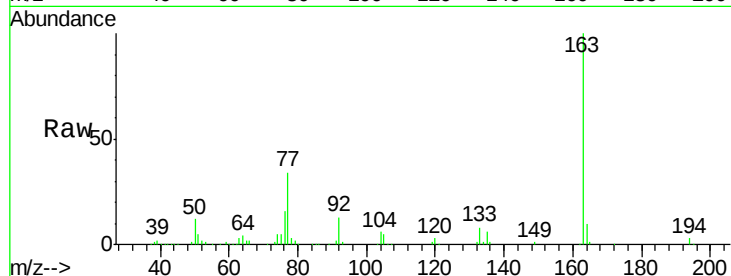
Tot Ion:163 Resp: 213766

Ion Ratio Lower Upper

163 100

194 2.5 4.4 6.6#

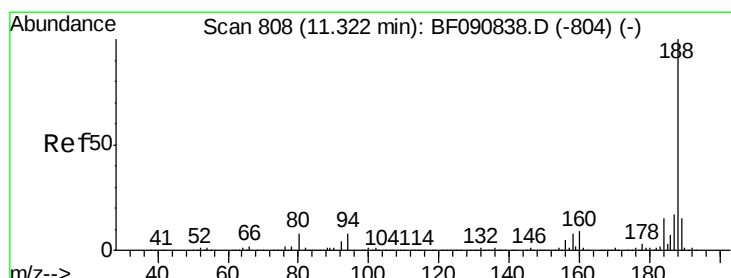
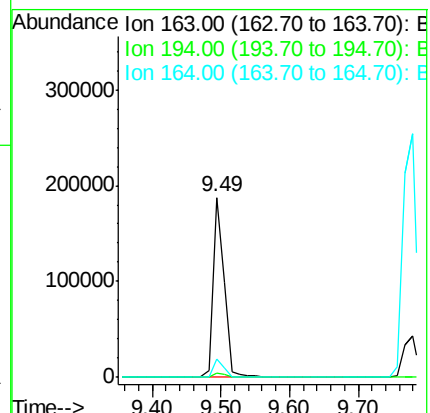
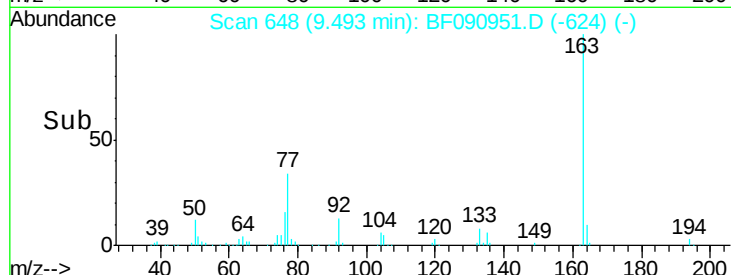
164 10.4 8.3 12.5



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



#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

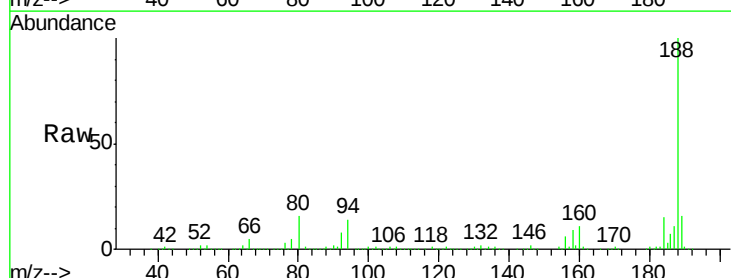
Tgt Ion:188 Resp: 583914

Ion Ratio Lower Upper

188 100

94 13.7 11.1 16.7

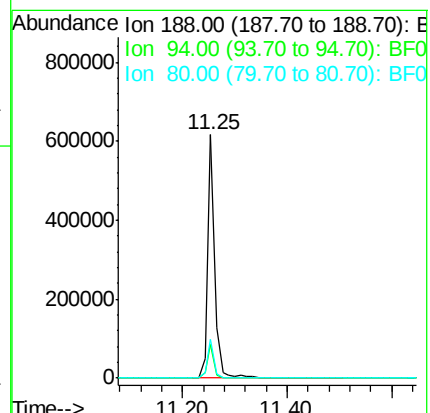
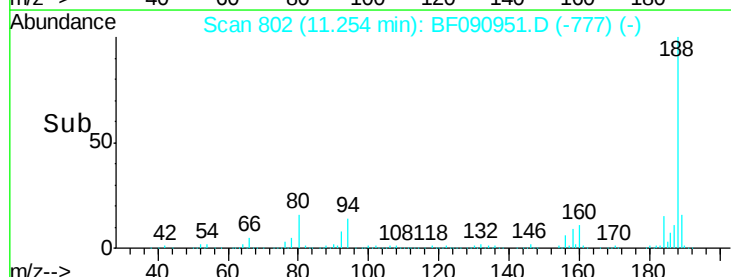
80 15.8 11.0 16.4

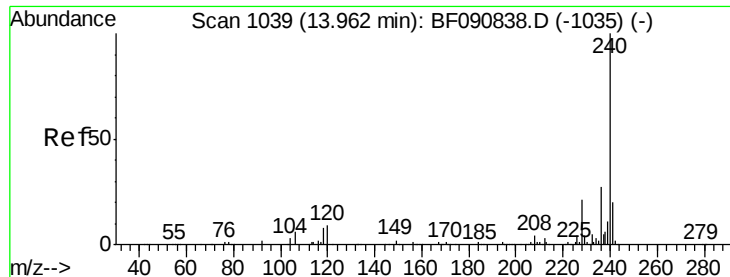


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

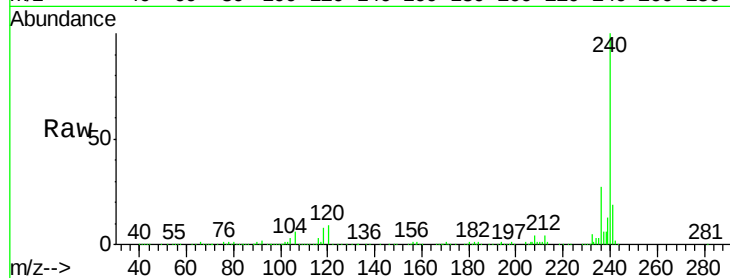
Tot Ion:240 Resp: 484542

Ion Ratio Lower Upper

240 100

120 9.3 16.2 24.2#

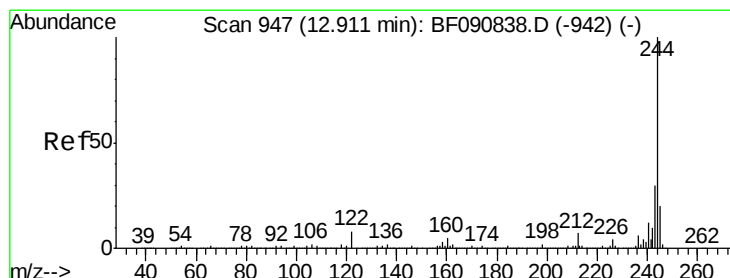
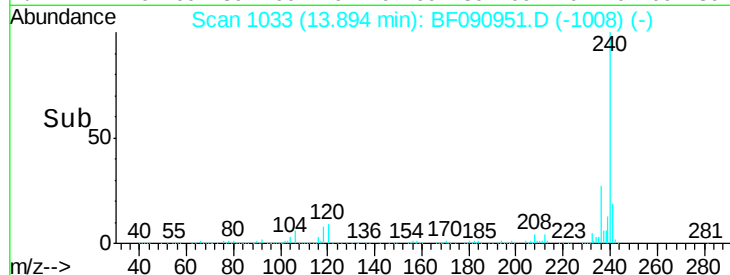
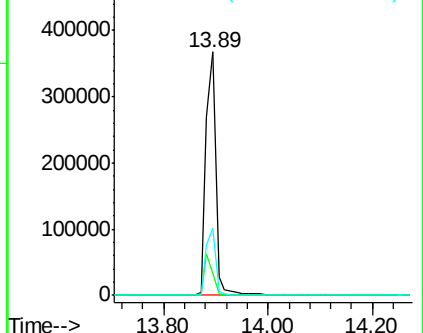
236 27.3 18.4 27.6



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

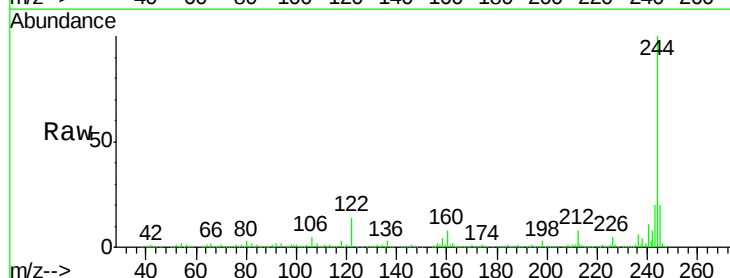
Tgt Ion:244 Resp: 1301774

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

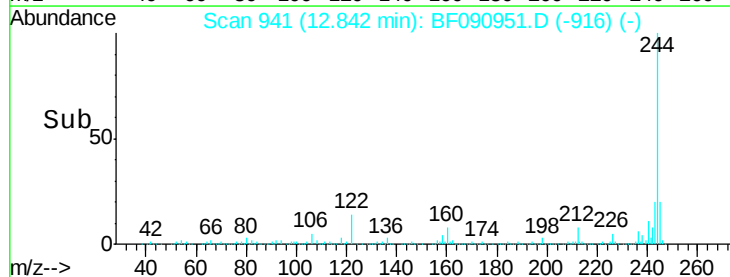
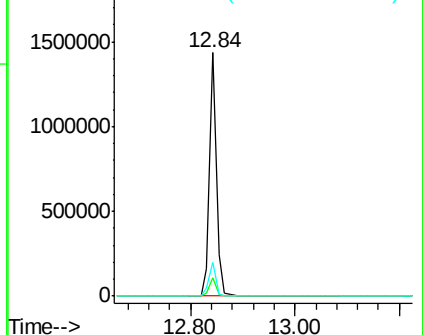
122 13.8 17.4 26.2#

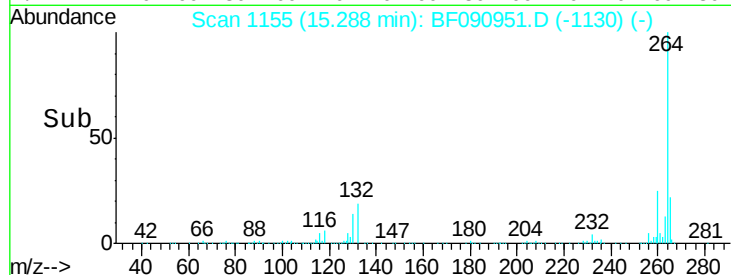
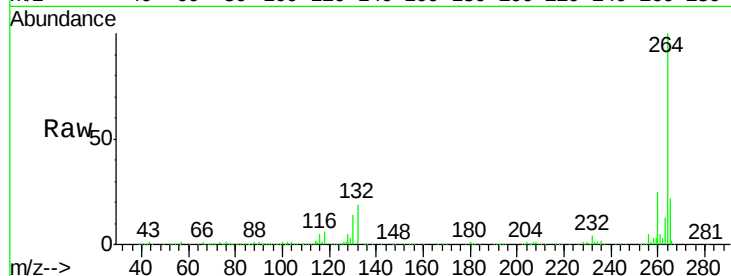
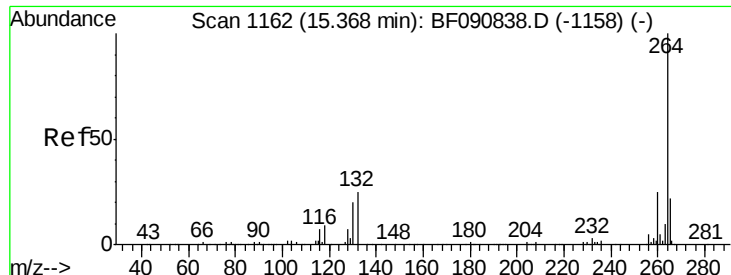


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

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

