

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076719.D
 Acq On : 1 Jan 2015 00:34
 Operator : IZ / TP
 Sample : F5235-01
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

Quant Time: Jan 02 13:55:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 01 03:27:58 2015
 Response via : Initial Calibration

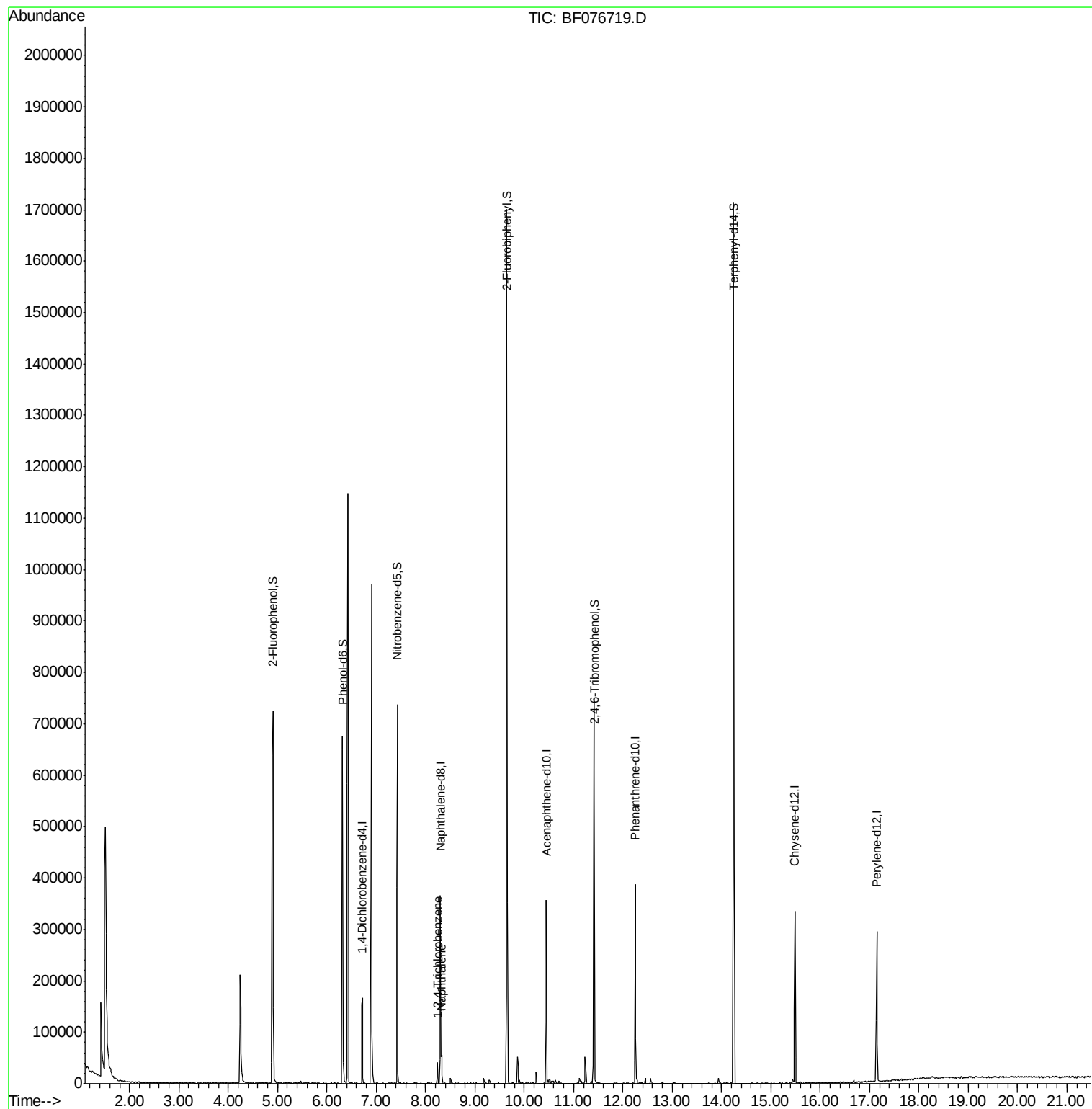
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	38195	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	157382	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	83865	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	145086	20.00	ng	0.00
75) Chrysene-d12	15.49	240	141601	20.00	ng	0.00
86) Perylene-d12	17.15	264	130071	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	297790	132.18	ng	0.00
7) Phenol-d6	6.32	99	338495	123.02	ng	0.01
23) Nitrobenzene-d5	7.43	82	263776m	99.68	ng	-0.10
41) 2,4,6-Tribromophenol	11.42	330	111802	157.73	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	527421	97.87	ng	0.00
78) Terphenyl-d14	14.24	244	592109	92.24	ng	0.00
Target Compounds						
30) 1,2,4-Trichlorobenzene	8.24	180	8147	3.54	ng	Qvalue # 89
31) Naphthalene	8.32	128	25396	3.26	ng	99

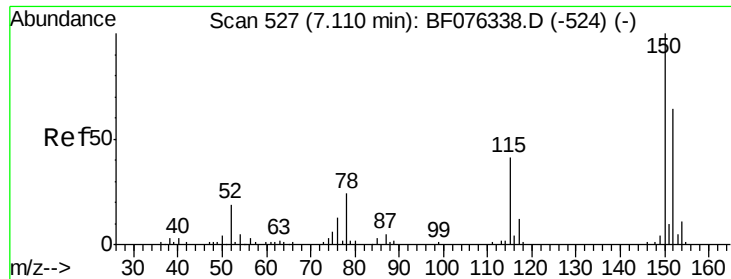
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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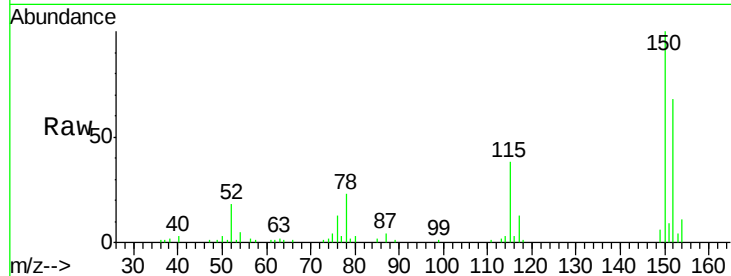


#1

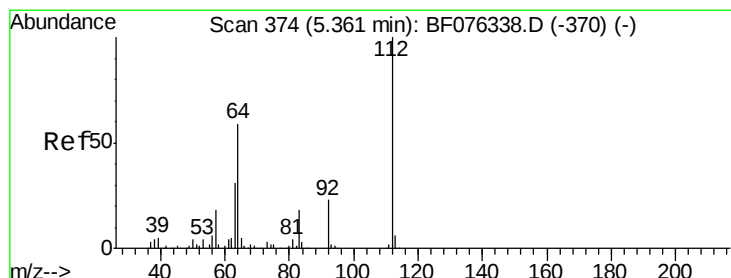
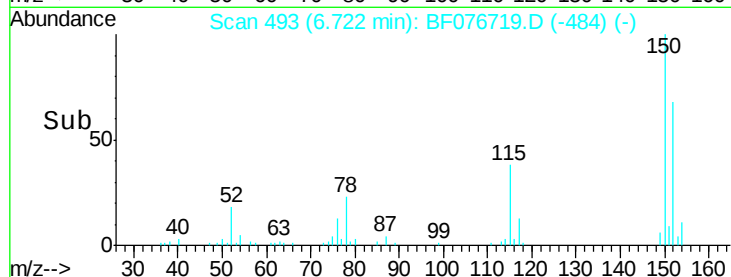
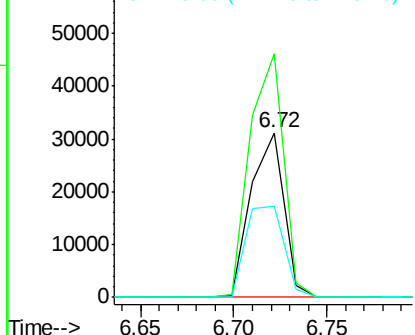
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF076719.D
Acq: 1 Jan 2015 00:34

Instrument :
BNA_F
ClientSampleId :
SOILCUTTINGS

Tot Ion:152 Resp: 38195
Ion Ratio Lower Upper
152 100
150 148.0 125.2 187.8
115 55.8 51.4 77.0



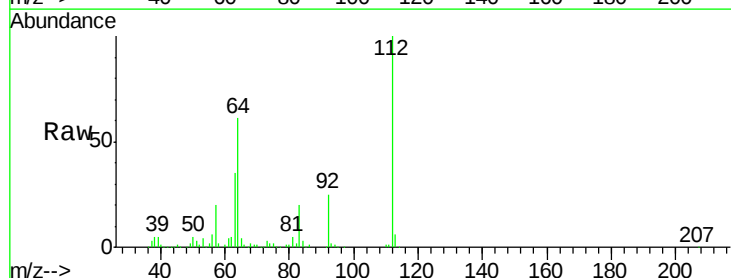
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



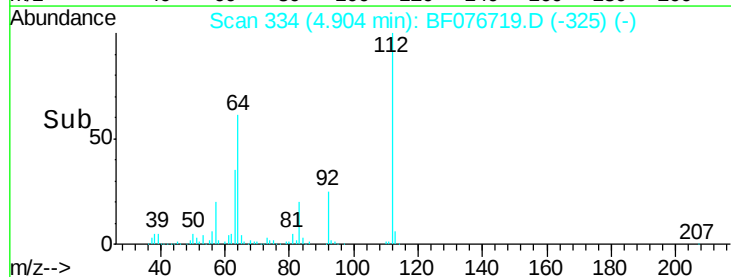
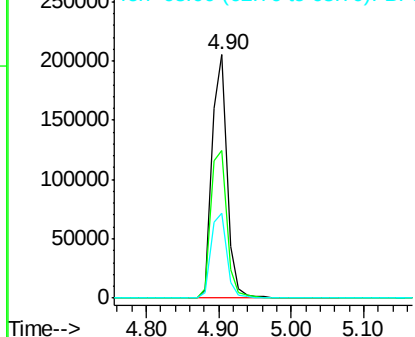
#5

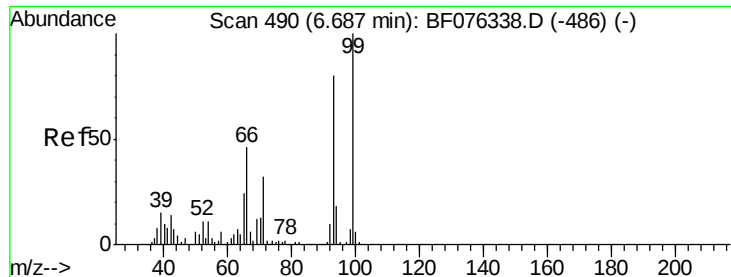
2-Fluorophenol
Concen: 132.18 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF076719.D
Acq: 1 Jan 2015 00:34

Tgt Ion:112 Resp: 297790
Ion Ratio Lower Upper
112 100
64 60.7 47.4 71.0
63 34.9 25.0 37.4



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: 123.02 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF076719.D

Acq: 1 Jan 2015 00:34

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

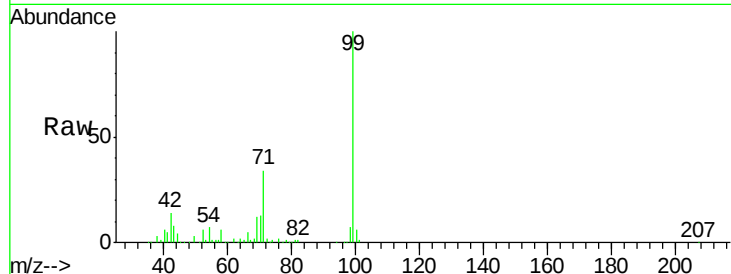
Tot Ion: 99 Resp: 338495

Ion Ratio Lower Upper

99 100

42 14.1 11.6 17.4

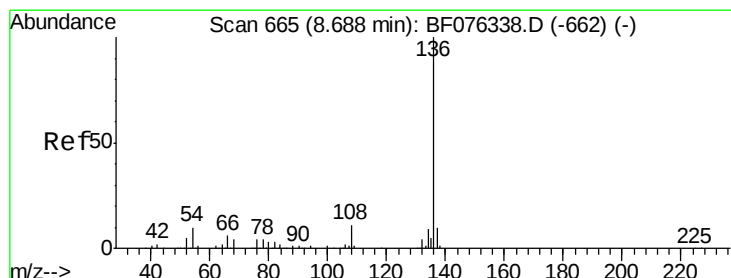
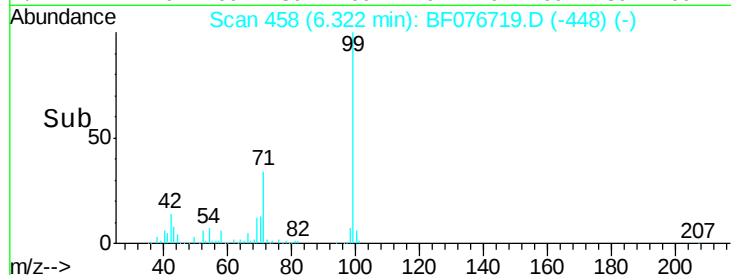
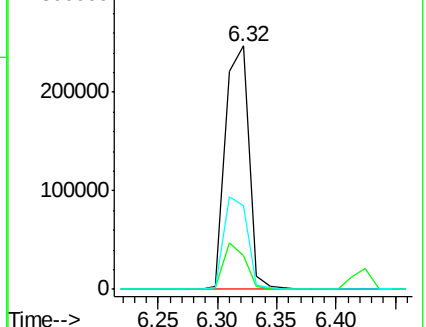
71 34.4 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF076719.D

Acq: 1 Jan 2015 00:34

Tgt Ion:136 Resp: 157382

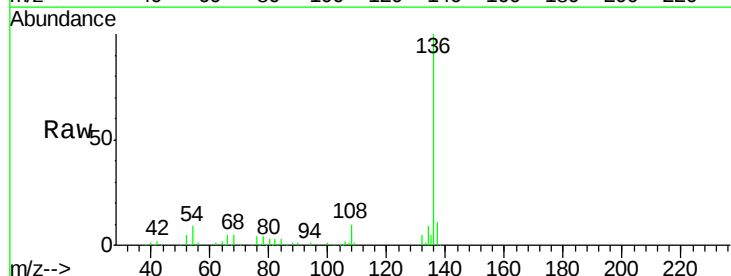
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 8.6 7.8 11.6

68 4.5 3.4 5.2

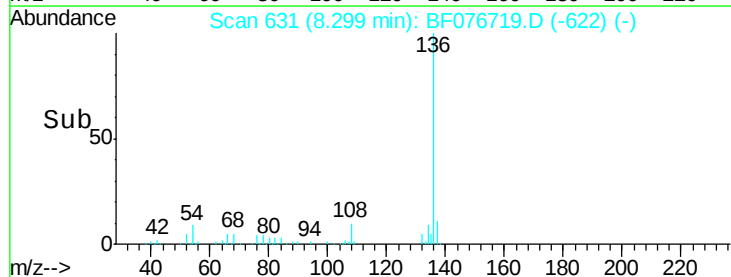
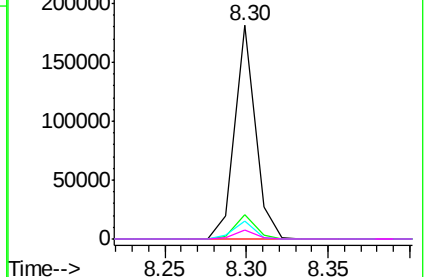


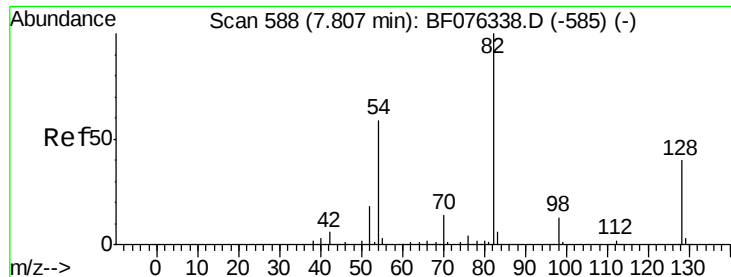
Abundance Ion 136.00 (135.70 to 136.70): E

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

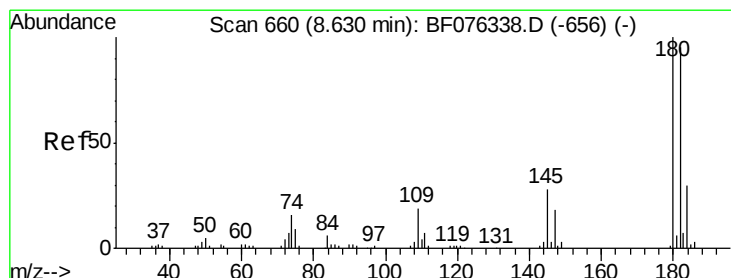
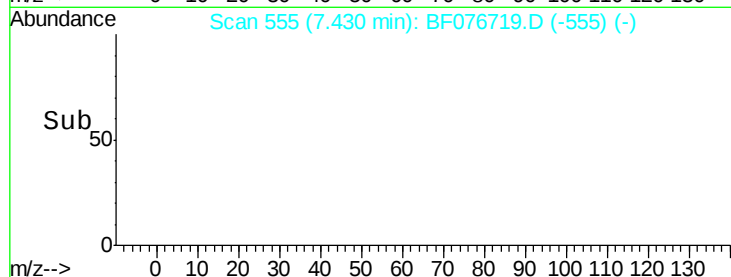
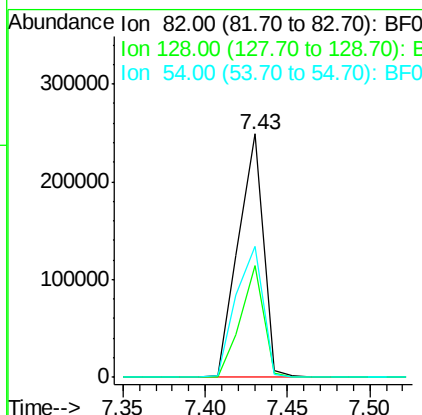
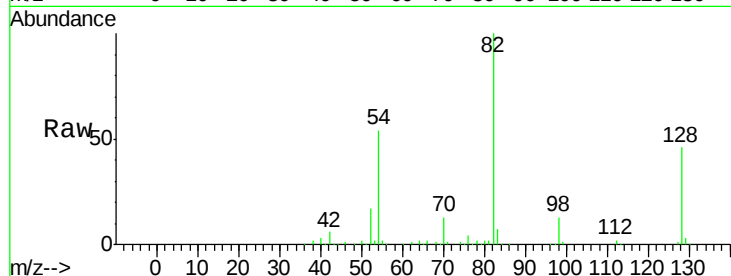




#23
 Nitrobenzene-d5
 Concen: 99.68 ng/ml
 RT: 7.43 min Scan# 555
 Delta R.T. -0.10 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

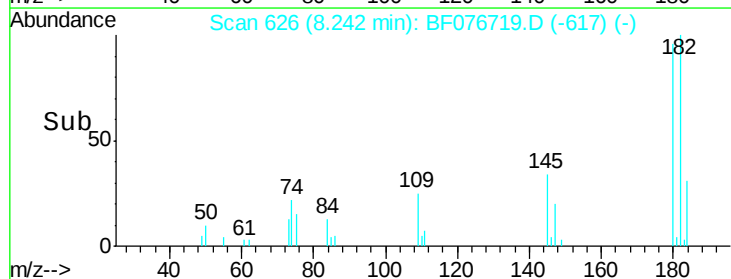
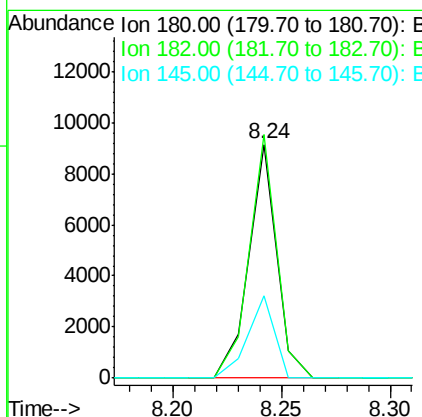
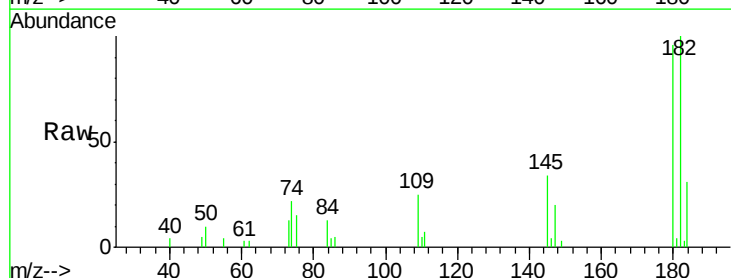
Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

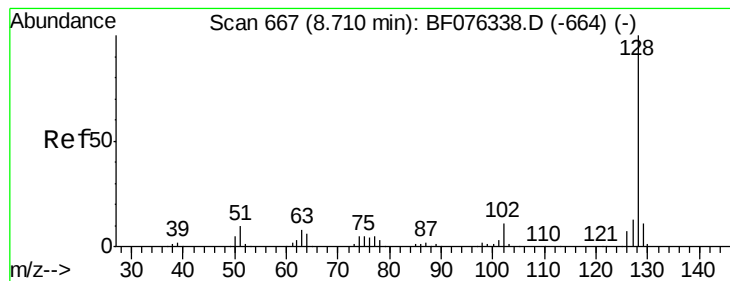
Tot Ion: 82 Resp: 263776
 Ion Ratio Lower Upper
 82 100
 128 45.8 31.9 47.9
 54 53.6 47.2 70.8



#30
 1,2,4-Trichlorobenzene
 Concen: 3.54 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

Tgt Ion: 180 Resp: 8147
 Ion Ratio Lower Upper
 180 100
 182 104.3 75.8 113.6
 145 35.4 22.4 33.6#





#31

Naphthalene

Concen: 3.26 ng

RT: 8.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF076719.D

Acq: 1 Jan 2015 00:34

Instrument :

BNA_F

ClientSampleId :

SOILCUTTINGS

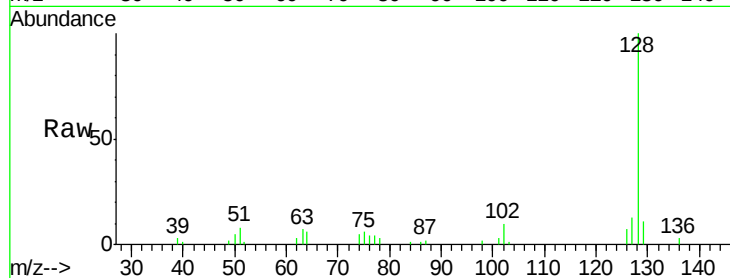
Tot Ion:128 Resp: 25396

Ion Ratio Lower Upper

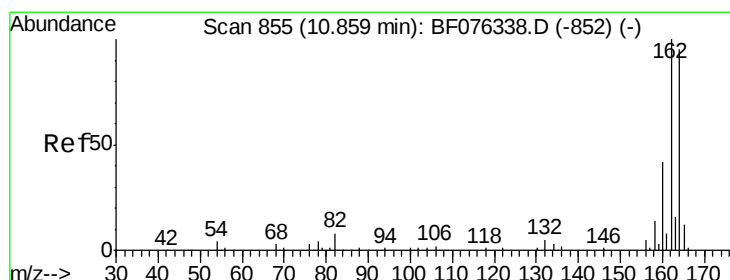
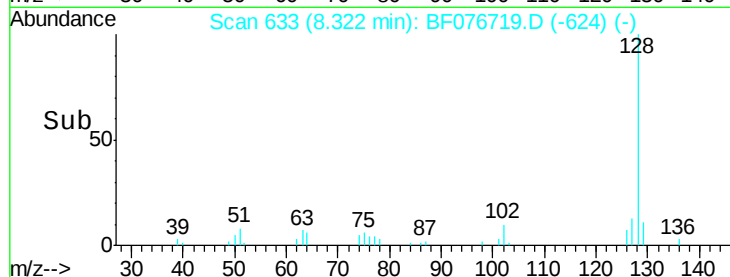
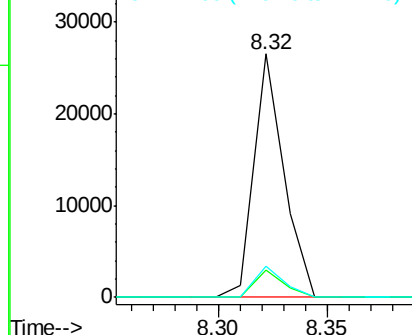
128 100

129 11.0 9.1 13.7

127 12.8 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF076719.D

Acq: 1 Jan 2015 00:34

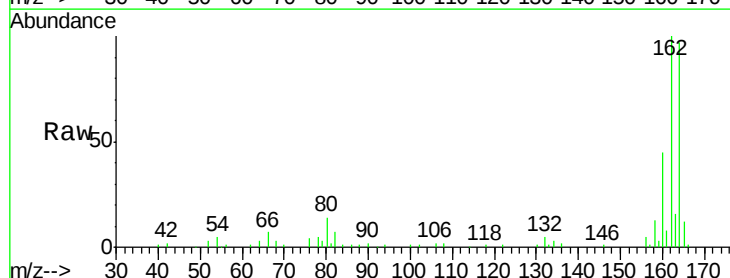
Tgt Ion:164 Resp: 83865

Ion Ratio Lower Upper

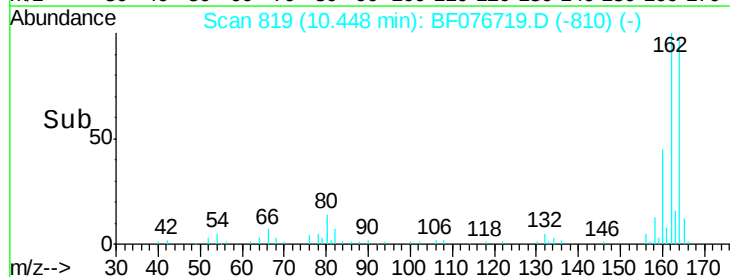
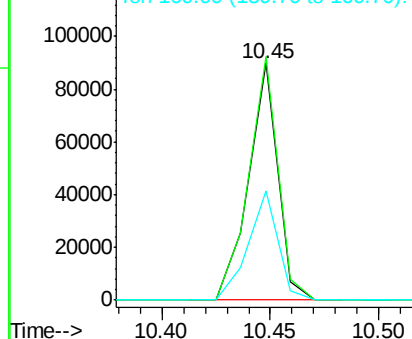
164 100

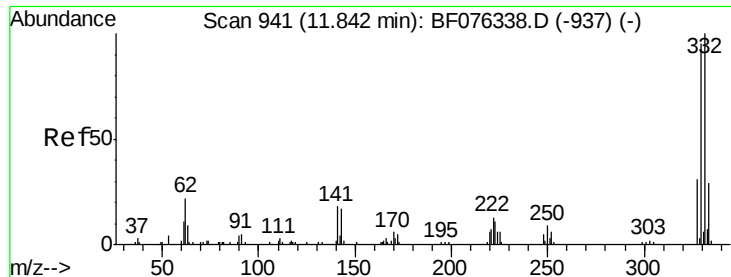
162 102.7 84.2 126.2

160 46.1 35.5 53.3



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

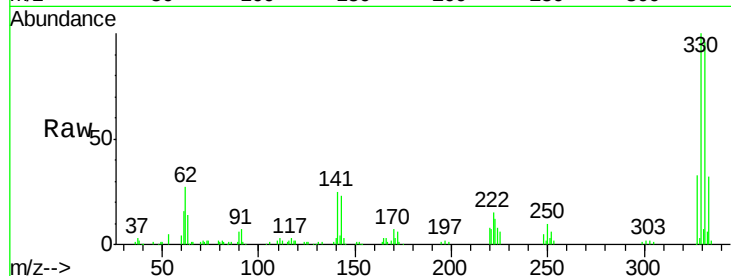




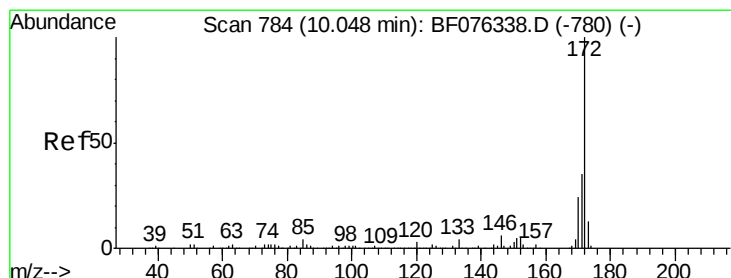
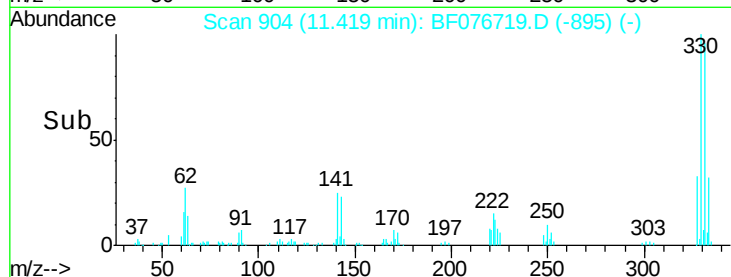
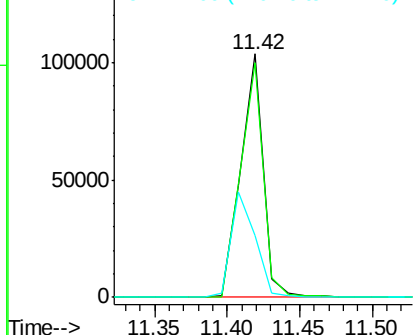
#41
 2,4,6-Tribromophenol
 Concen: 157.73 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	46.6	0.0	0.0#

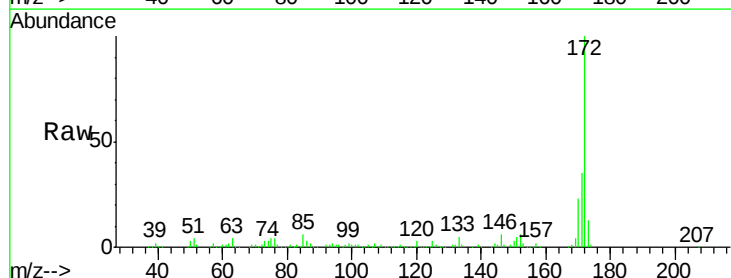


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

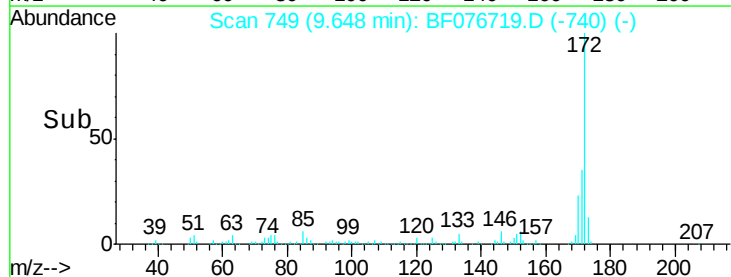
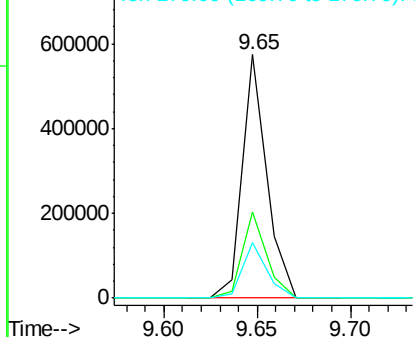


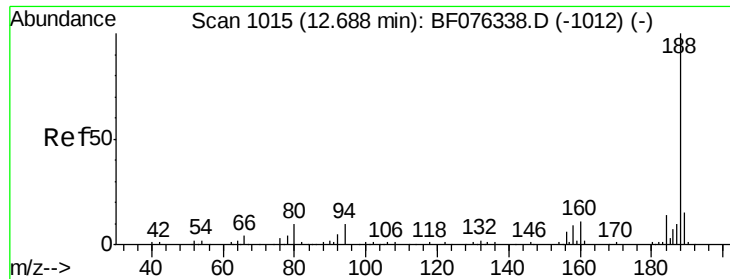
#44
 2-Fluorobiphenyl
 Concen: 97.87 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	22.9	19.0	28.4



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

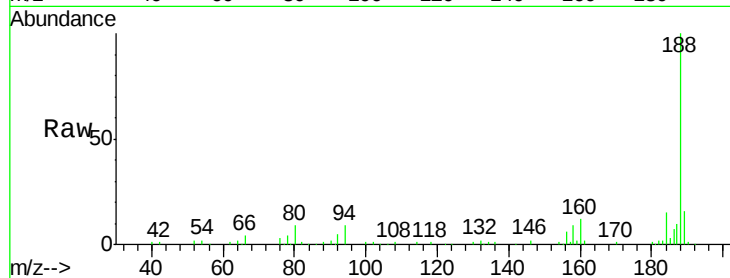




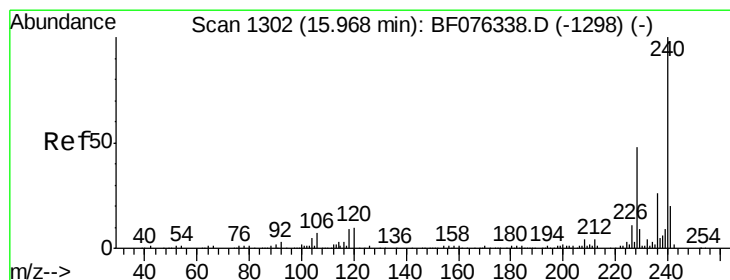
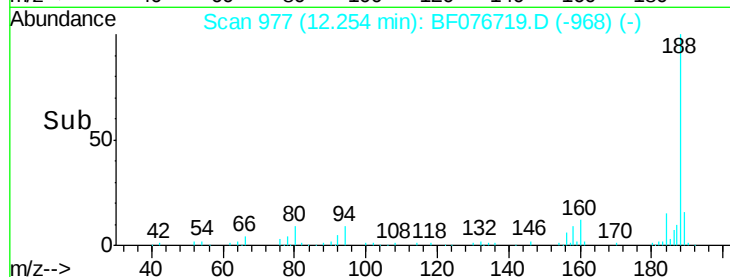
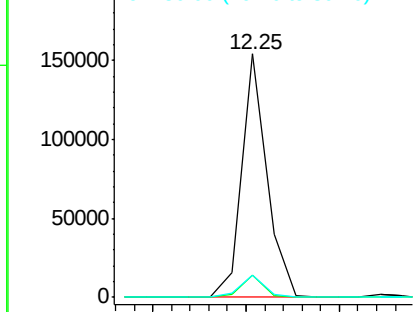
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF076719.D
Acq: 1 Jan 2015 00:34

Instrument :
BNA_F
ClientSampleId :
SOILCUTTINGS

Tot Ion:188 Resp: 145086
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.3 8.2 12.2

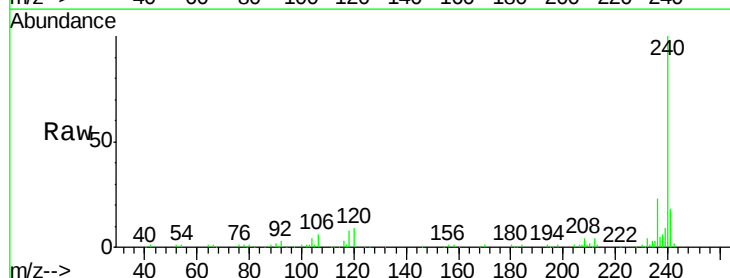


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

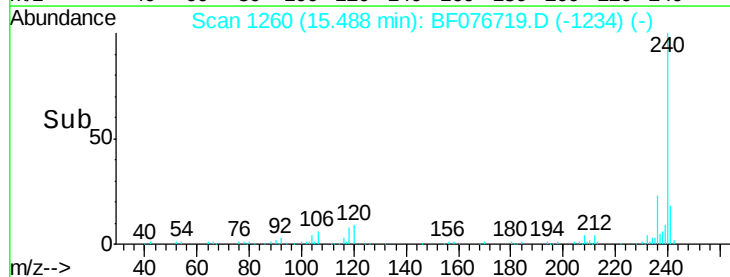
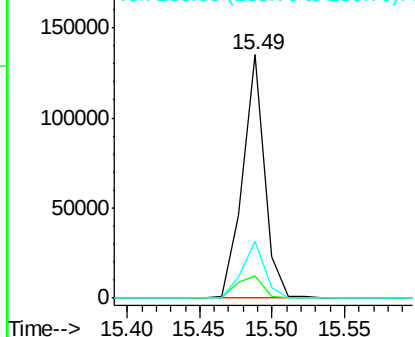


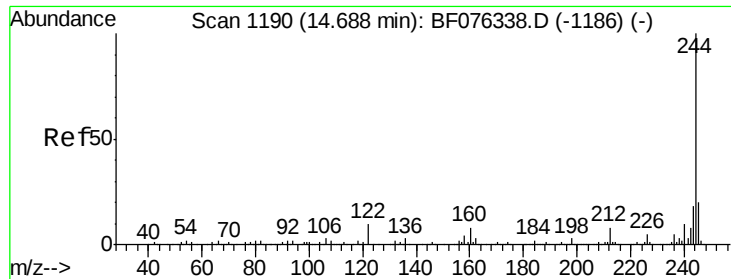
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF076719.D
Acq: 1 Jan 2015 00:34

Tgt Ion:240 Resp: 141601
Ion Ratio Lower Upper
240 100
120 9.0 8.0 12.0
236 23.4 20.6 30.8



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

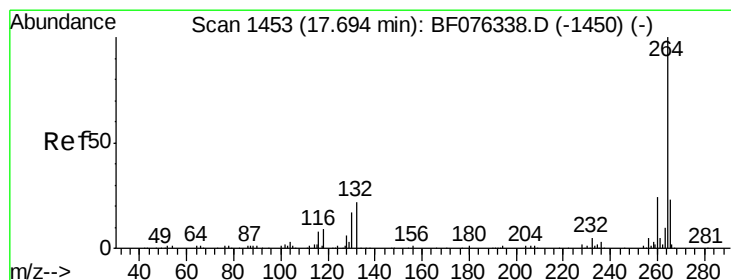
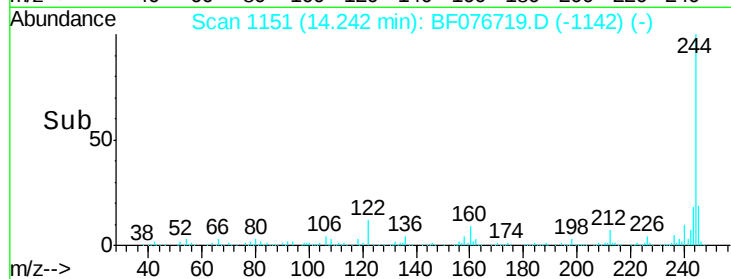
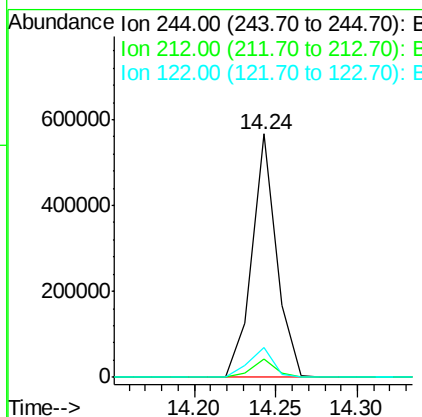
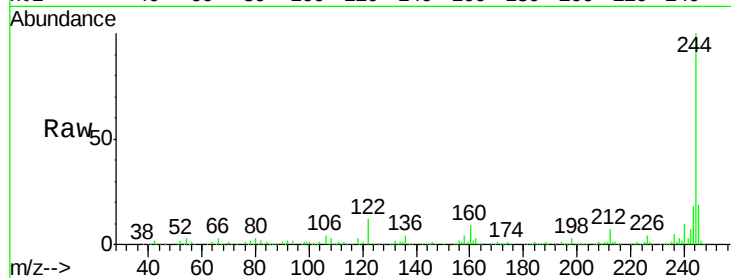




#78
 Terphenyl-d14
 Concen: 92.24 ng
 RT: 14.24 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTTINGS

Tot Ion:244 Resp: 592109
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 12.3 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.15 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF076719.D
 Acq: 1 Jan 2015 00:34

Tgt Ion:264 Resp: 130071
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.4 18.1 27.1

