

Data File : BF109352.D
Acq On : 26 Sep 2018 22:07
Operator : JU/SJ
Sample : J5074-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

Quant Time: Sep 27 05:40:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

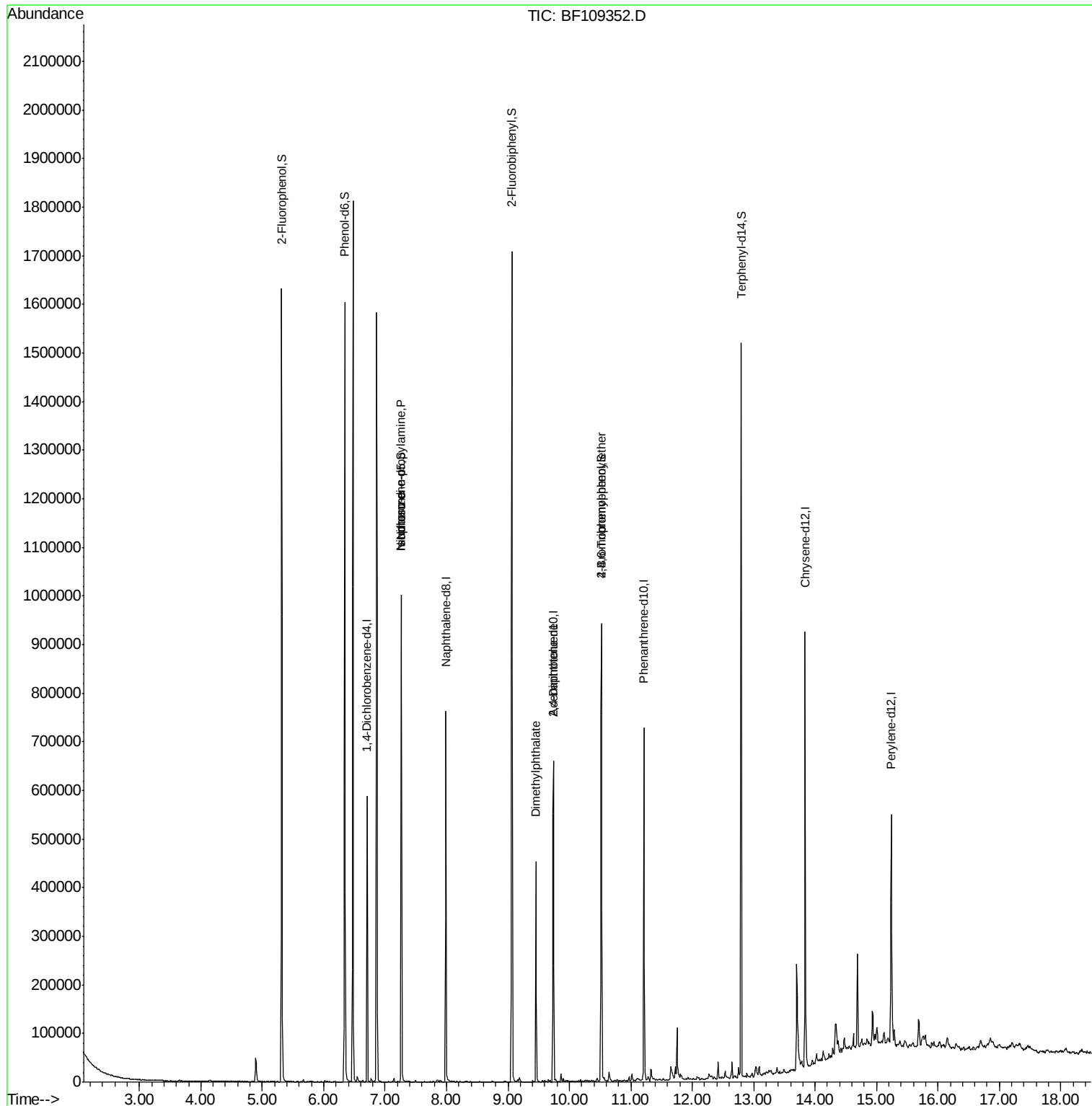
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	90601	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	315608	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	126929	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	245703	20.00	ng	0.00
75) Chrysene-d12	13.84	240	276275	20.00	ng	0.00
86) Perylene-d12	15.24	264	219205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	431396	78.43	ng	0.00
7) Phenol-d6	6.35	99	524458	74.72	ng	-0.01
23) Nitrobenzene-d5	7.26	82	318189	59.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	111328	88.97	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	486913	57.86	ng	-0.01
78) Terphenyl-d14	12.80	244	533879	47.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	41932	9.117	ng	# 78
25) Isophorone	7.26	82	303170	31.490	ng	# 64
49) Dimethylphthalate	9.46	163	159472	17.274	ng	# 98
56) 2,4-Dinitrotoluene	9.74	165	16357	7.070	ng	# 23
66) 4-Bromophenyl-phenylether	10.52	248	6675	2.446	ng	# 1

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

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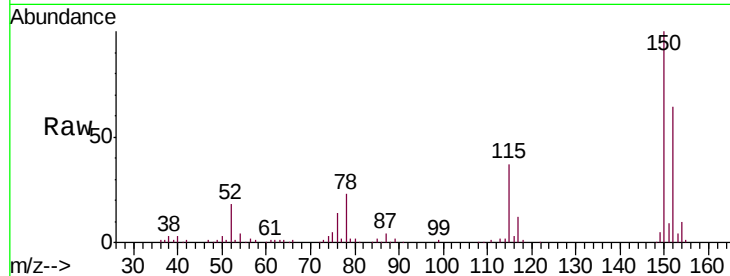


#1

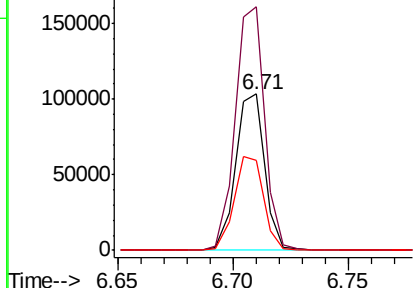
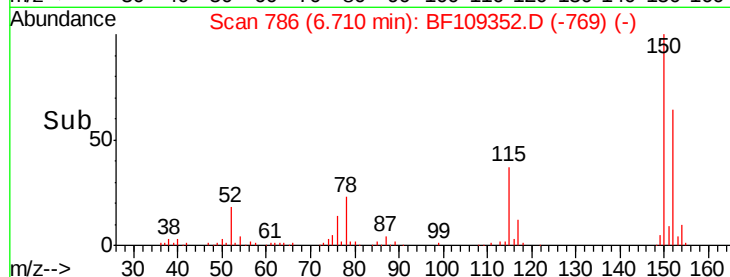
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

Tgt Ion:152 Resp: 90601
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.3 50.1 75.1



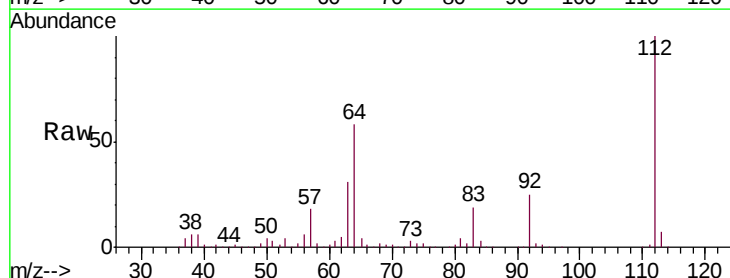
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



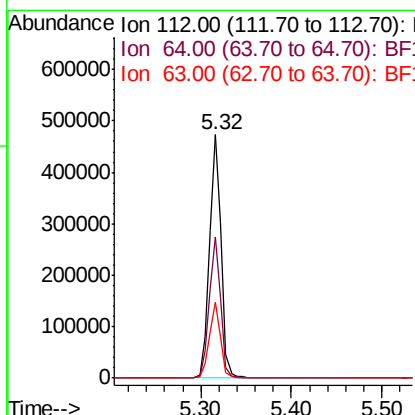
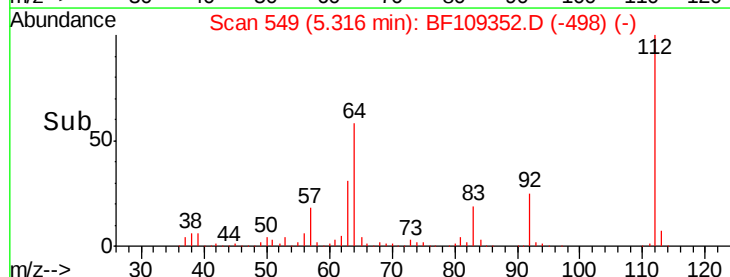
#5

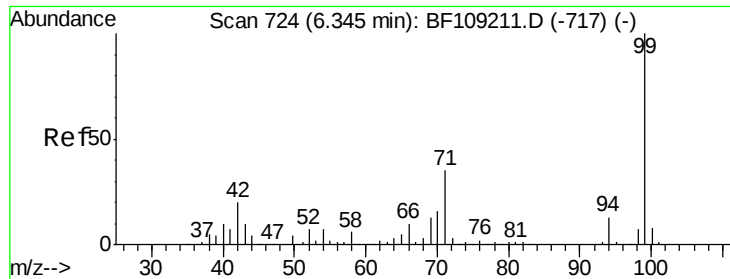
2-Fluorophenol
Concen: 78.425 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Tgt Ion:112 Resp: 431396
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 31.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.719 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

Instrument :

BNA_F

ClientSampleId :

CA-SOIL-2

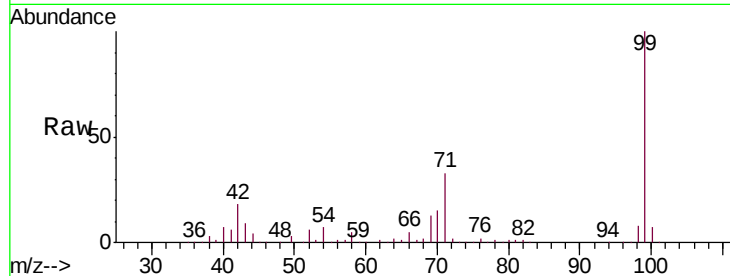
Tgt Ion: 99 Resp: 524458

Ion Ratio Lower Upper

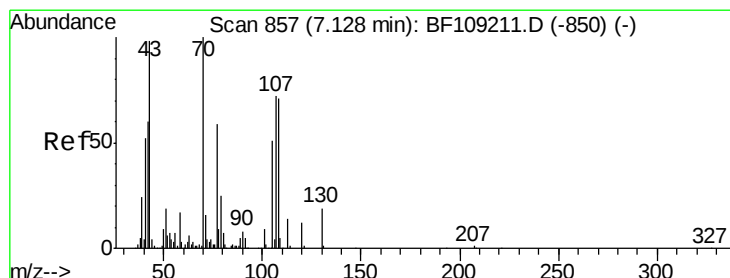
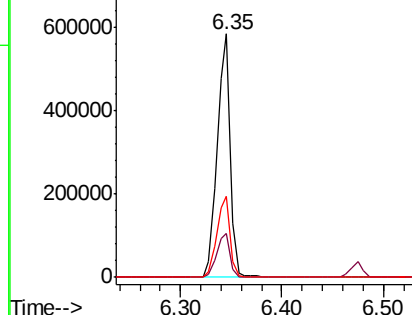
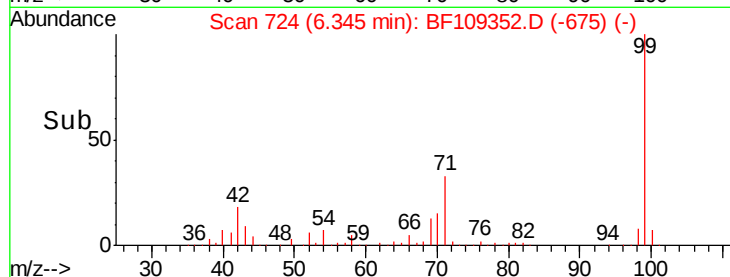
99 100

42 18.2 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.117 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

Tgt Ion: 70 Resp: 41932

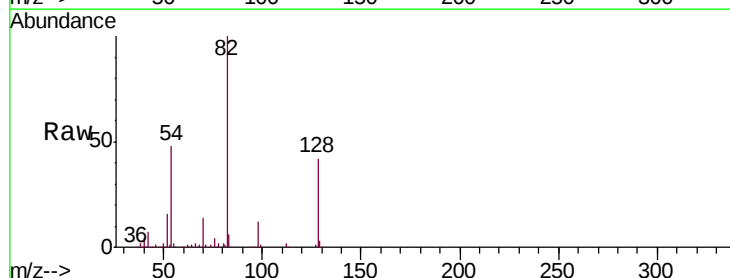
Ion Ratio Lower Upper

70 100

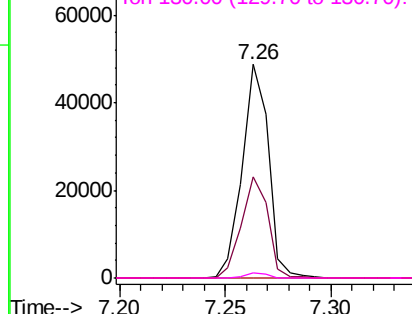
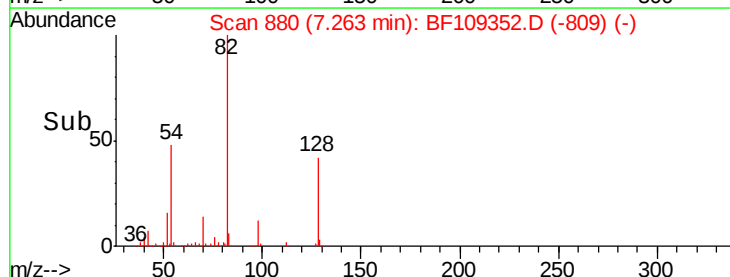
42 47.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

Instrument :

BNA_F

ClientSampleId :

CA-SOIL-2

Tgt Ion:136 Resp: 315608

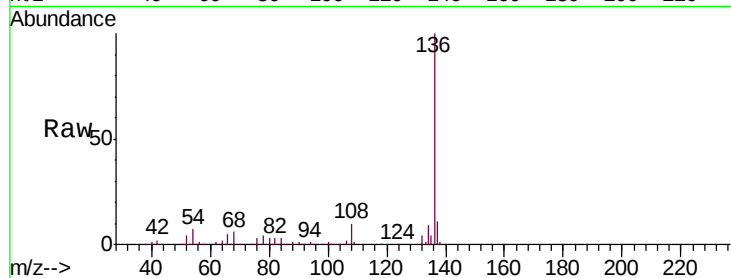
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

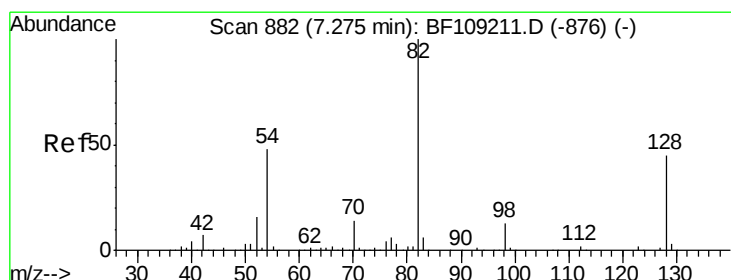
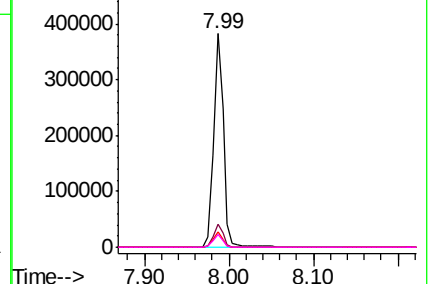
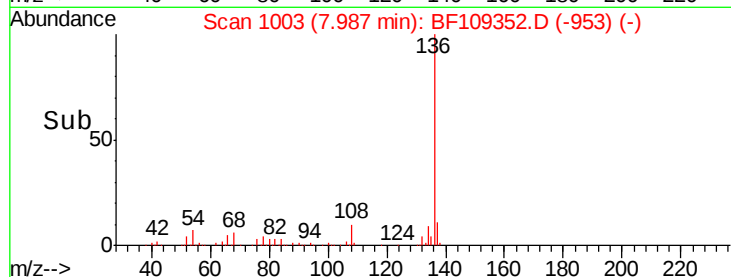


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 59.514 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

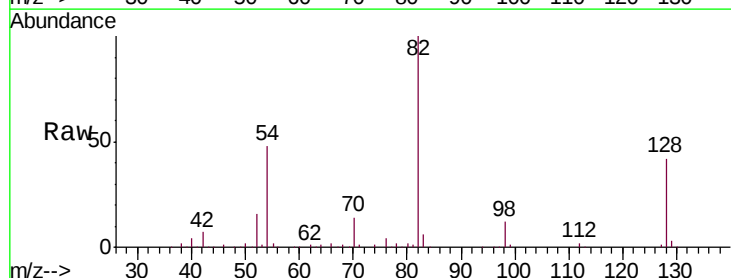
Tgt Ion: 82 Resp: 318189

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

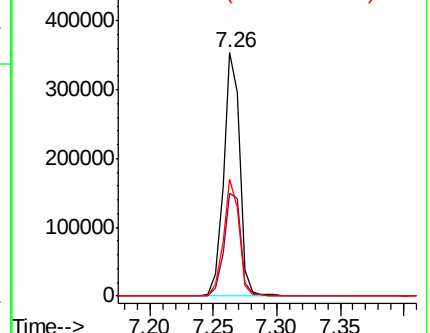
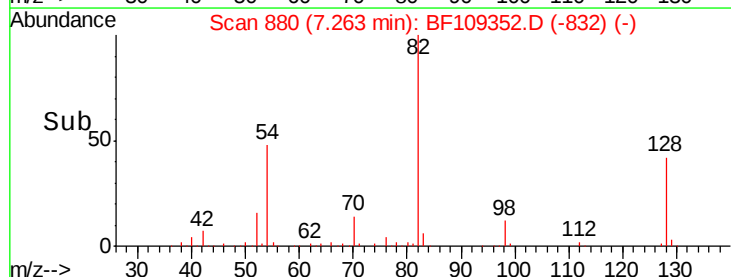
54 47.9 41.4 62.2

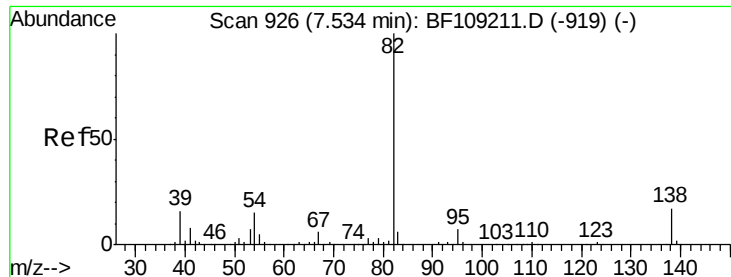


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.490 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

Instrument :

BNA_F

ClientSampleId :

CA-SOIL-2

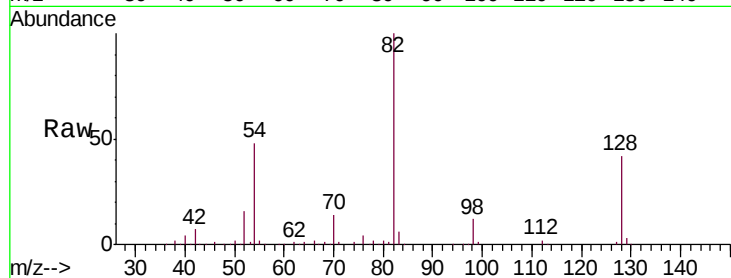
Tgt Ion: 82 Resp: 303170

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

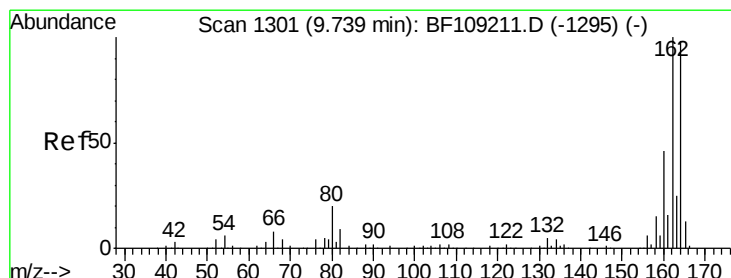
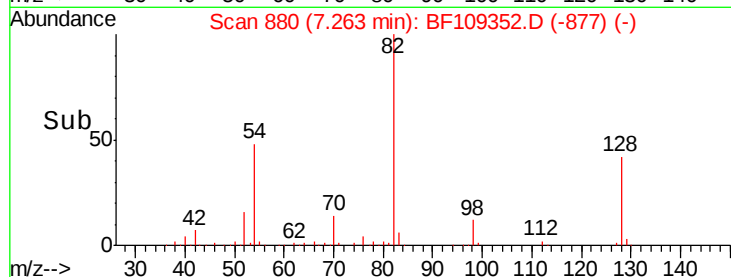
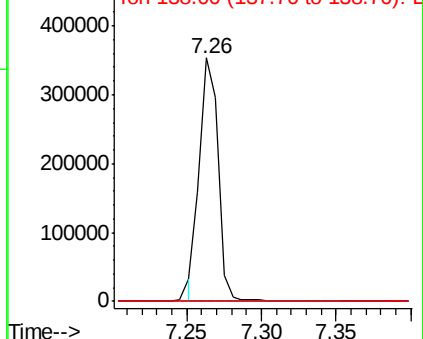
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

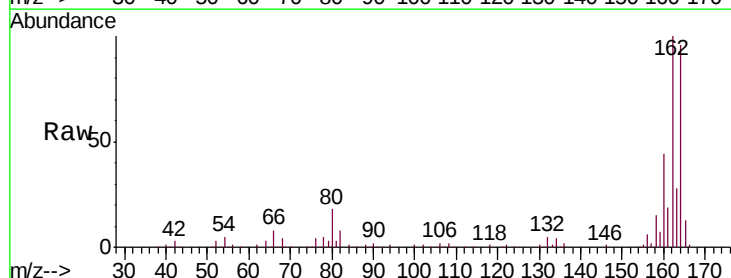
Tgt Ion: 164 Resp: 126929

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

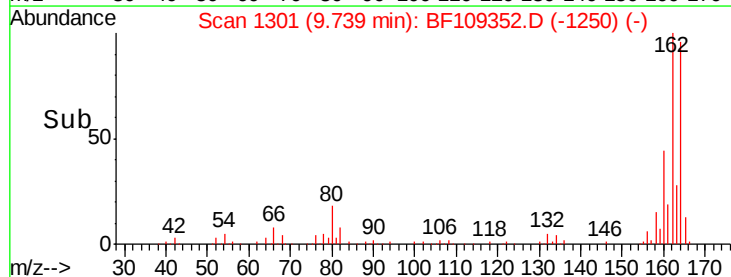
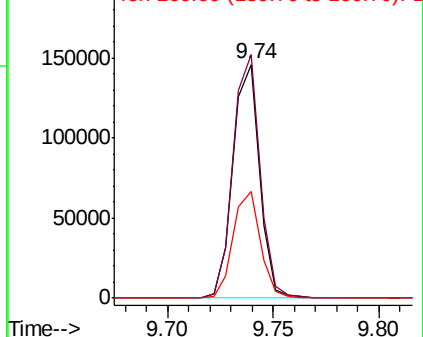
160 45.9 38.3 57.5

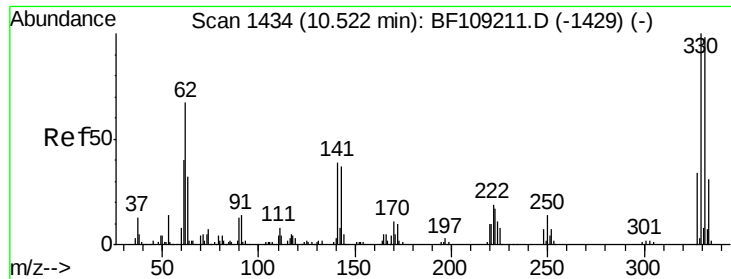


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

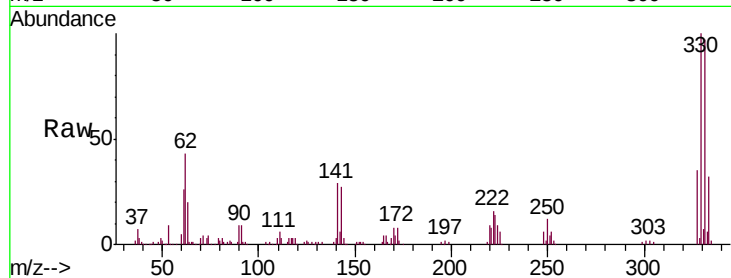




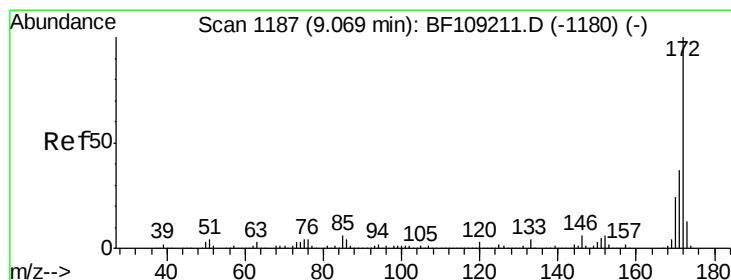
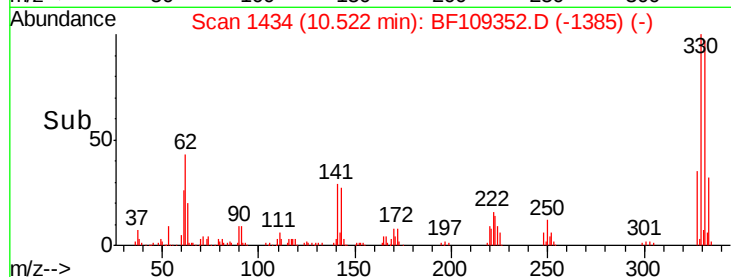
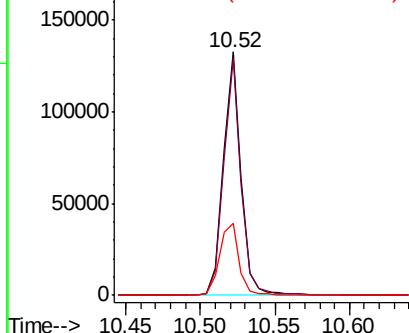
#41
 2,4,6-Tribromophenol
 Concen: 88.973 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109352.D
 Acq: 26 Sep 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 CA-SOIL-2

Tgt Ion:330 Resp: 111328
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.1 29.9 44.9

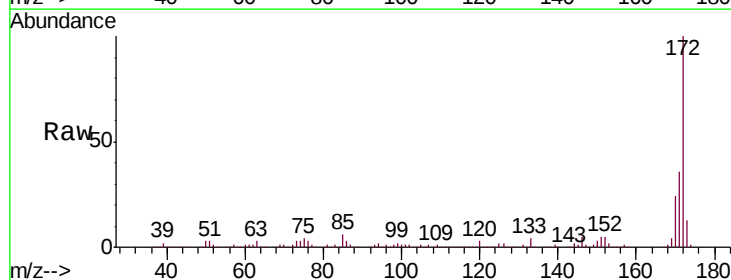


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

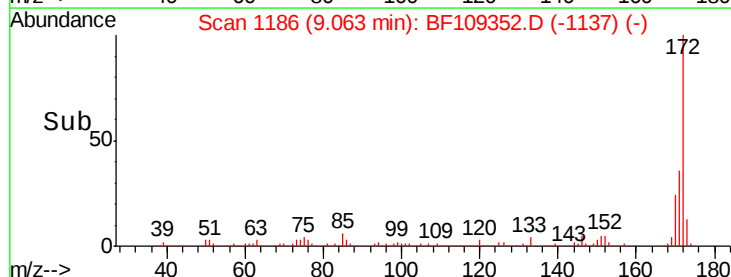
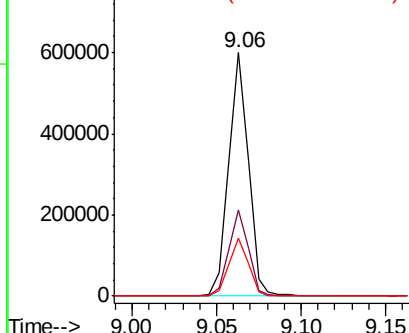


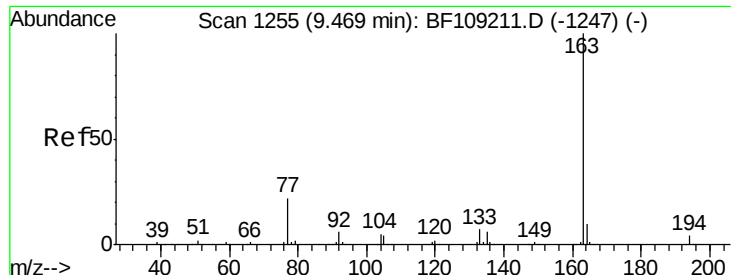
#44
 2-Fluorobiphenyl
 Concen: 57.856 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109352.D
 Acq: 26 Sep 2018 22:07

Tgt Ion:172 Resp: 486913
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 19.6 29.4



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

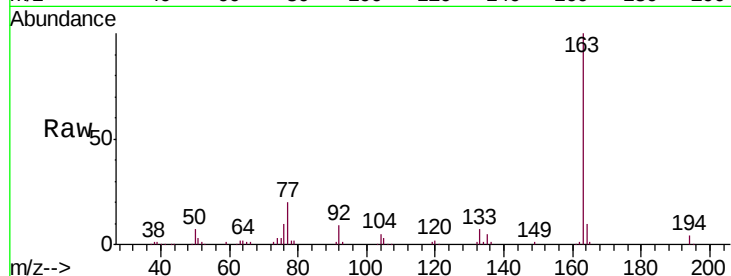




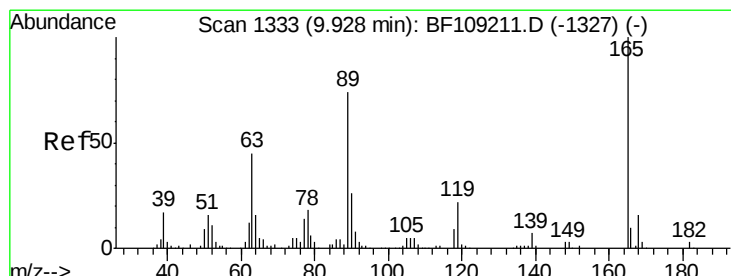
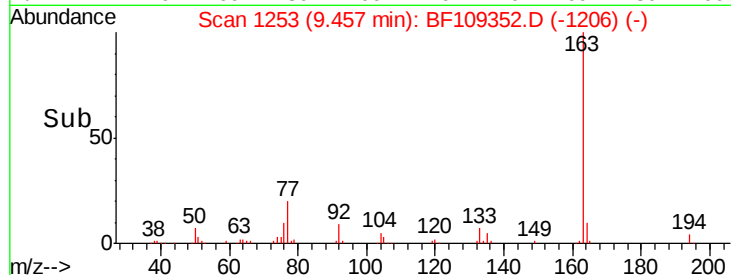
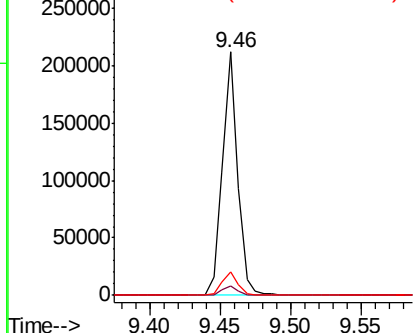
#49
Dimethylphthalate
Concen: 17.274 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Instrument :
BNA_F
ClientSampled :
CA-SOIL-2

Tgt Ion:163 Resp: 159472
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.5 8.2 12.2

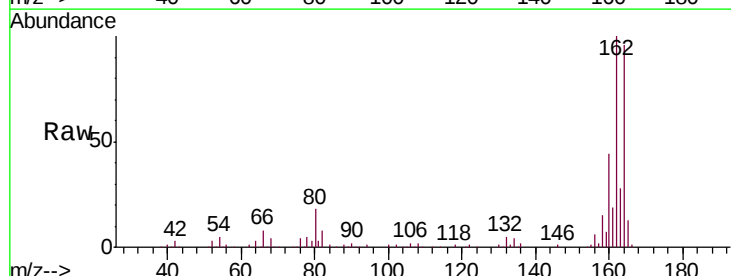


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

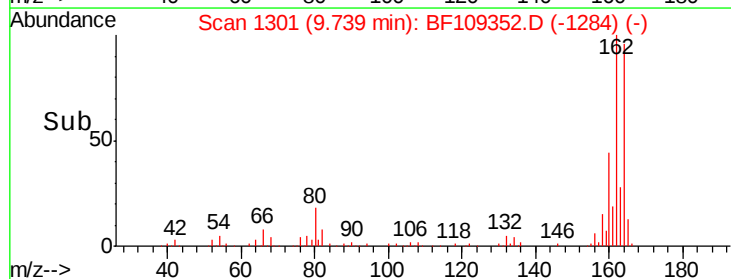
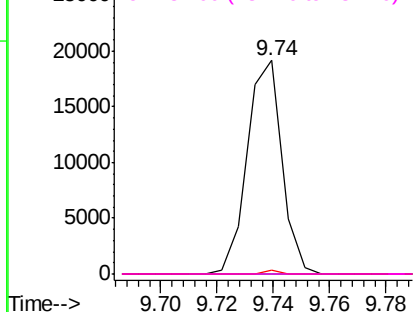


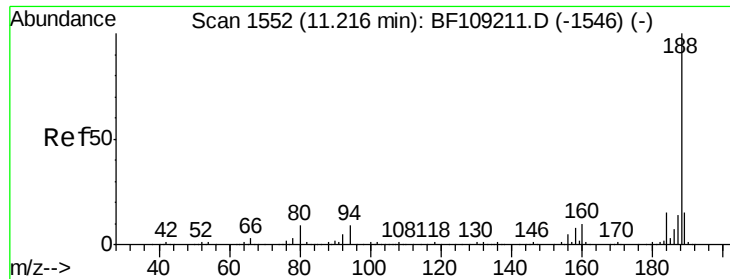
#56
2,4-Dinitrotoluene
Concen: 7.070 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Tgt Ion:165 Resp: 16357
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

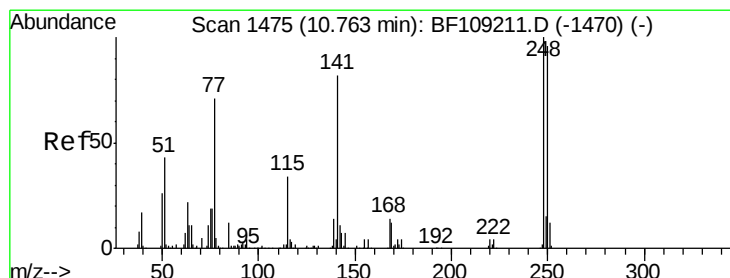
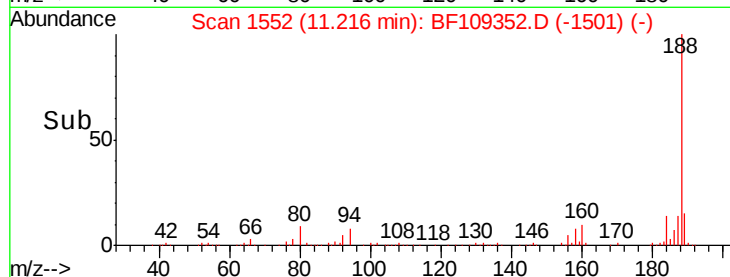
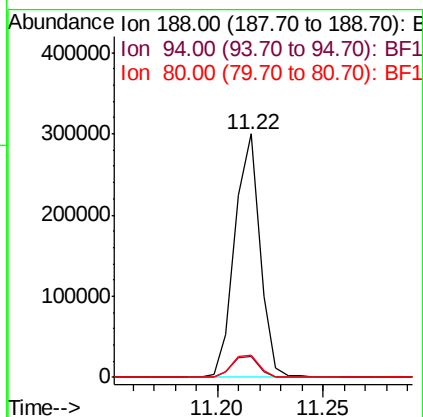
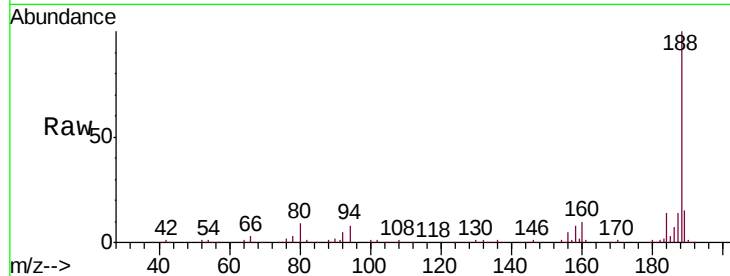




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

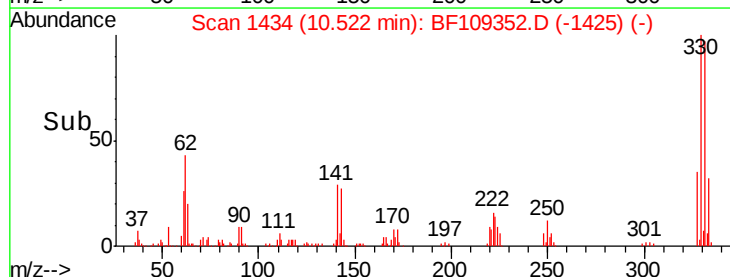
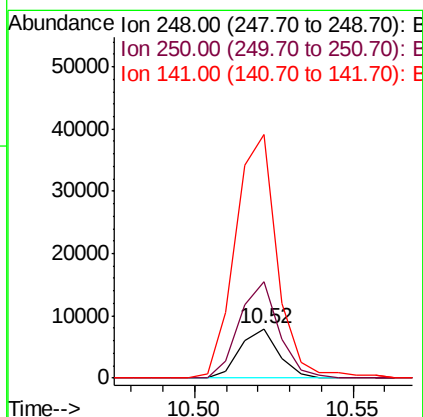
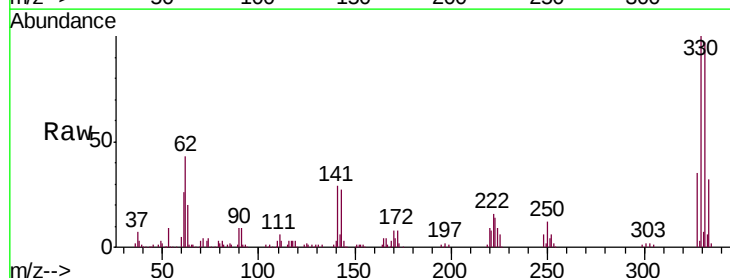
Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

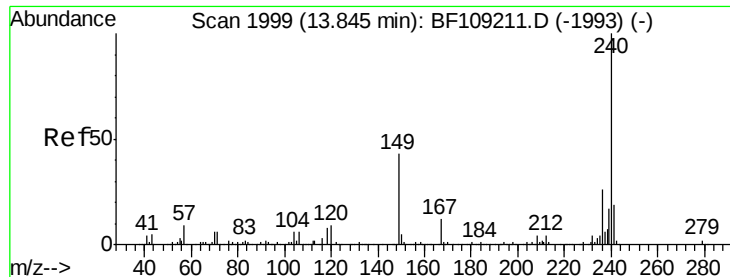
Tgt Ion:188 Resp: 245703
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.446 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Tgt Ion:248 Resp: 6675
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 496.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

Instrument :

BNA_F

ClientSampleId :

CA-SOIL-2

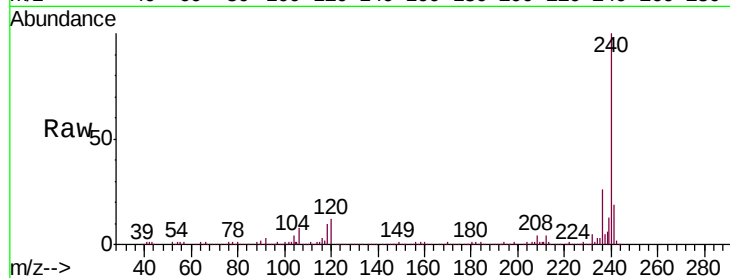
Tgt Ion:240 Resp: 276275

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

236 25.7 20.7 31.1



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

13.84

400000

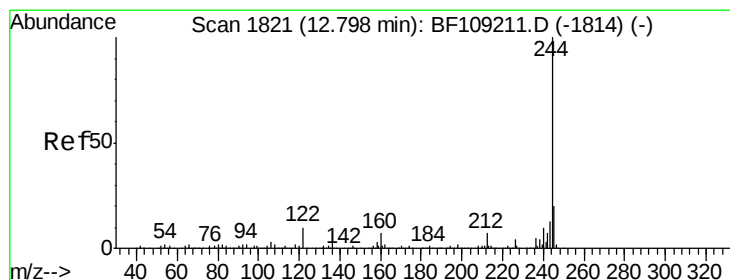
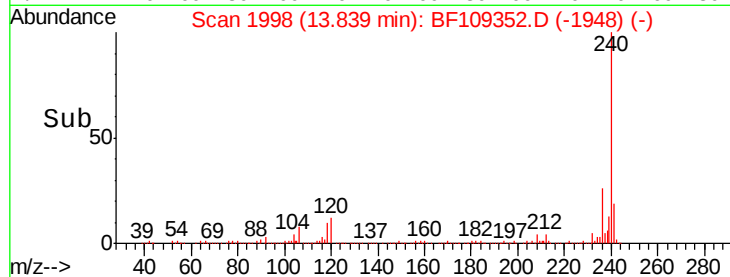
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 47.425 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109352.D

Acq: 26 Sep 2018 22:07

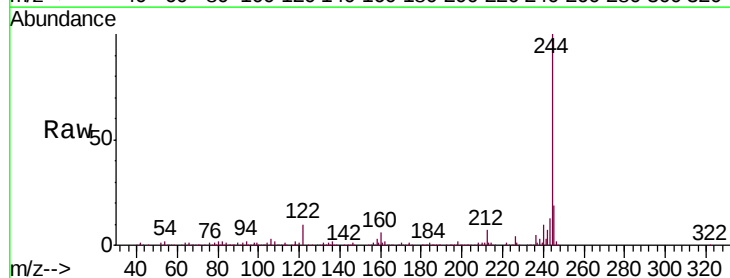
Tgt Ion:244 Resp: 533879

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.6 11.0 16.4#



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

12.80

800000

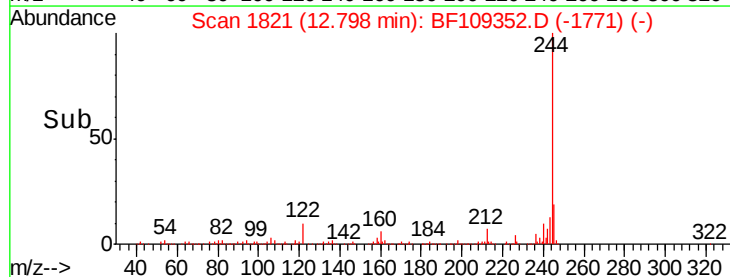
600000

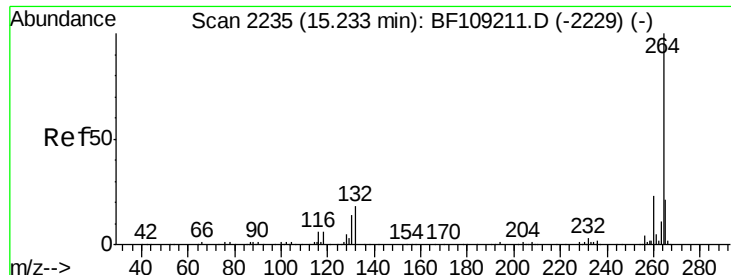
400000

200000

0

Time-->





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109352.D
Acq: 26 Sep 2018 22:07

Instrument :
BNA_F
ClientSampleId :
CA-SOIL-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

