

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
 Data File : BF083785.D
 Acq On : 14 Dec 2015 22:51
 Operator : UM/IZ
 Sample : G4763-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

Quant Time: Dec 15 03:03:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

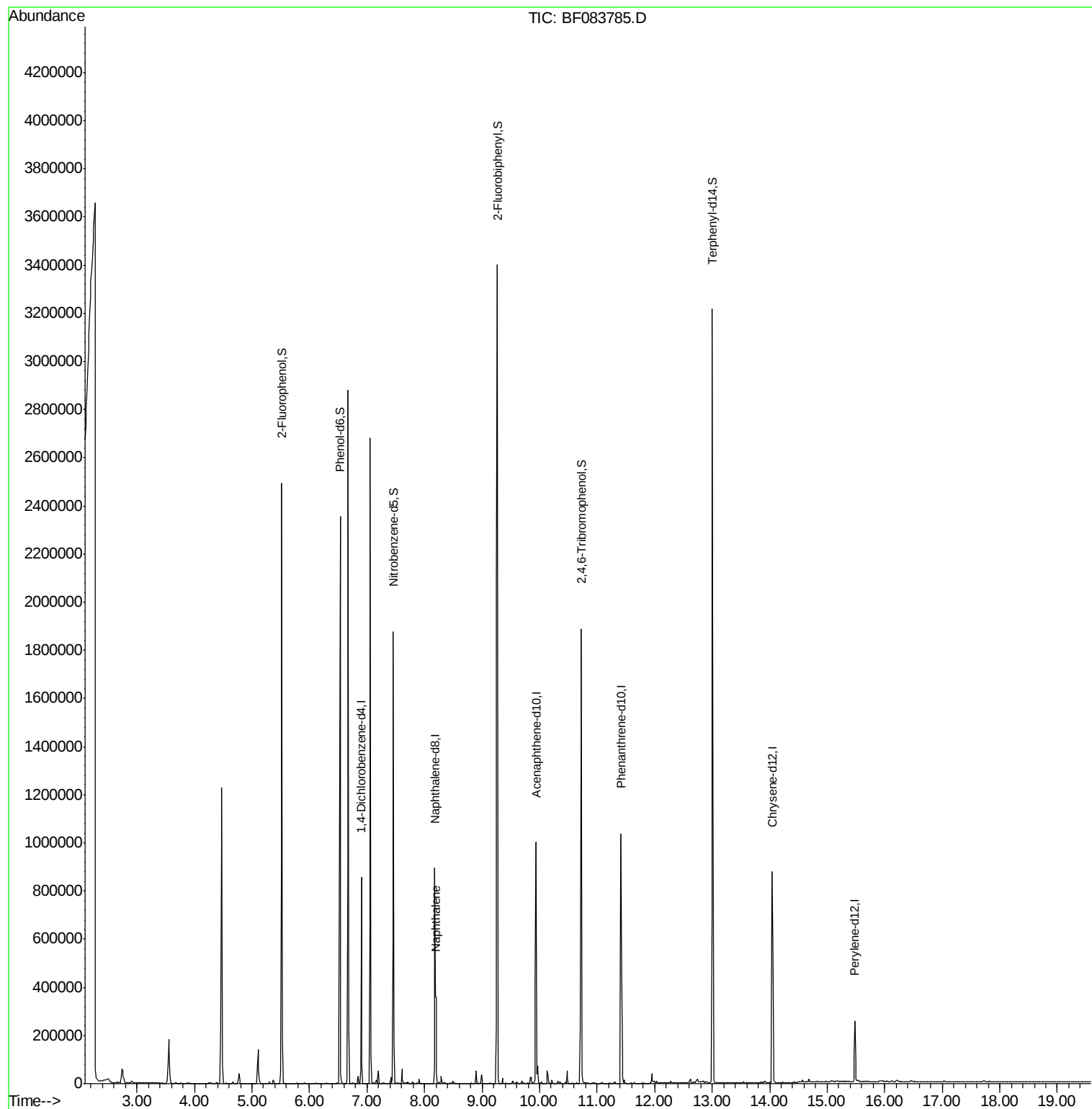
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116197	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	444646	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	210168	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	416825	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	354208	20.00	ng	-0.03
86) Perylene-d12	15.48	264	77581	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	739117	102.62	ng	-0.01
7) Phenol-d6	6.53	99	901568	98.84	ng	-0.01
23) Nitrobenzene-d5	7.46	82	634753	79.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	338725	158.17	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1328906	96.79	ng	-0.02
78) Terphenyl-d14	13.00	244	1155182	70.15	ng	-0.02
Target Compounds						
31) Naphthalene	8.20	128	151790	6.55	ng	Qvalue 99

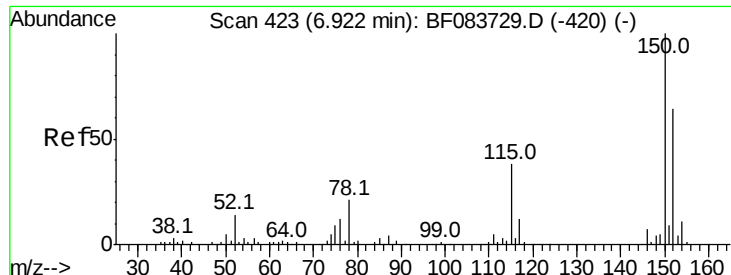
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-010

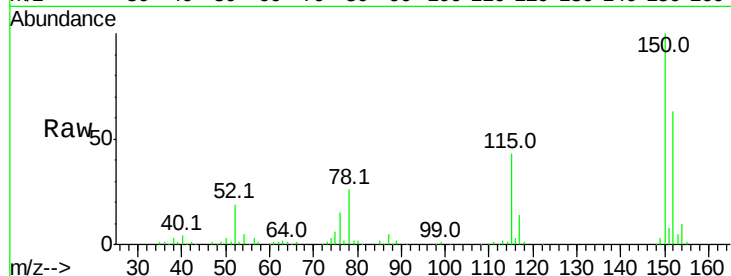
Tot Ion:152 Resp: 116197

Ion Ratio Lower Upper

152 100

150 157.7 126.5 189.7

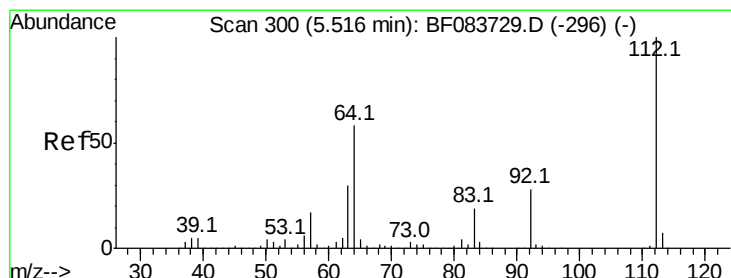
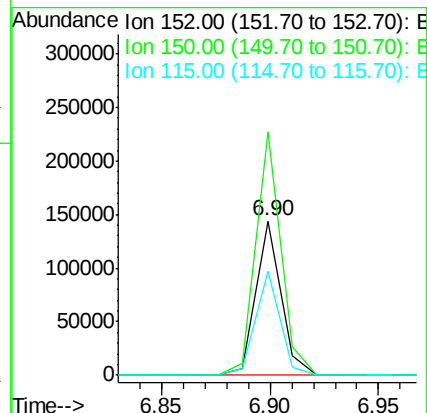
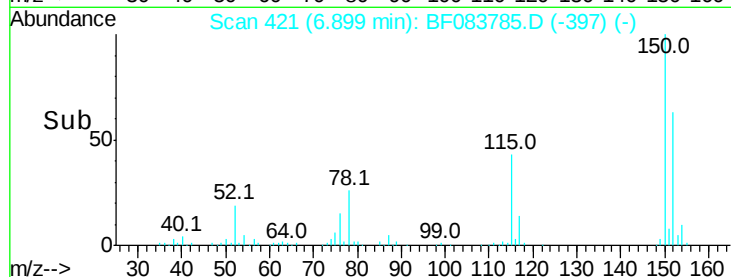
115 67.8 52.3 78.5



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: 102.62 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

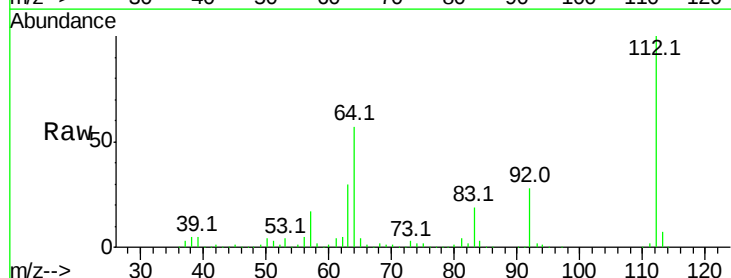
Tgt Ion:112 Resp: 739117

Ion Ratio Lower Upper

112 100

64 57.3 50.5 75.7

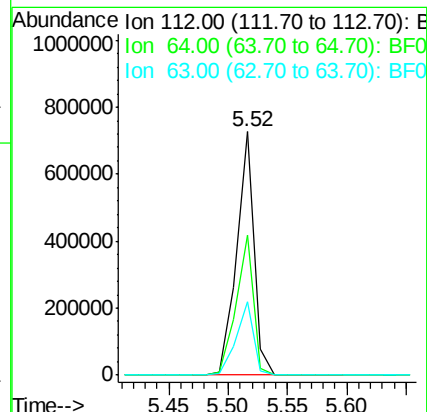
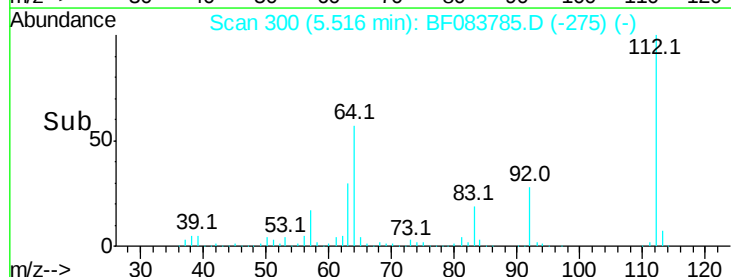
63 30.2 25.8 38.6

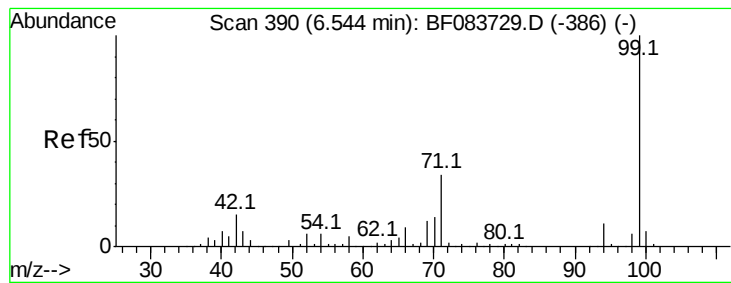


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.84 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-010

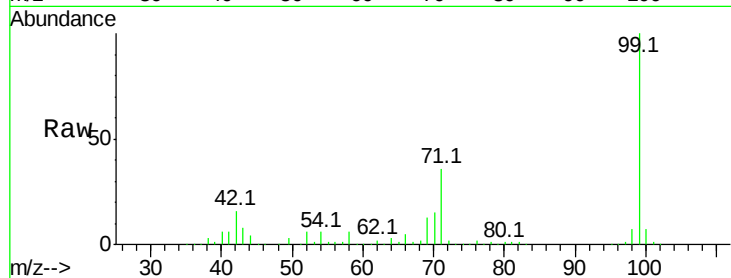
Tot Ion: 99 Resp: 901568

Ion Ratio Lower Upper

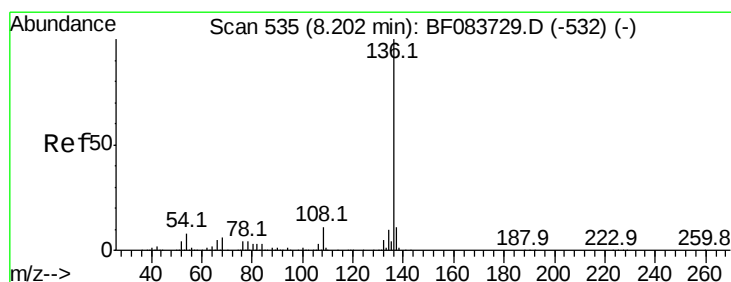
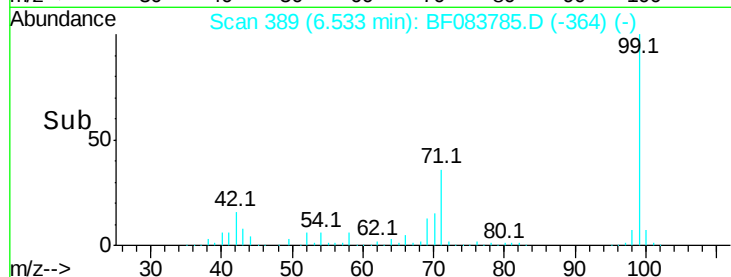
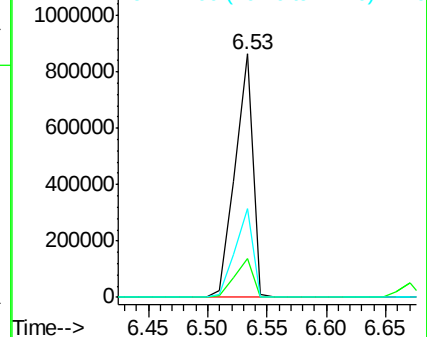
99 100

42 15.8 17.3 25.9#

71 36.3 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

Tgt Ion: 136 Resp: 444646

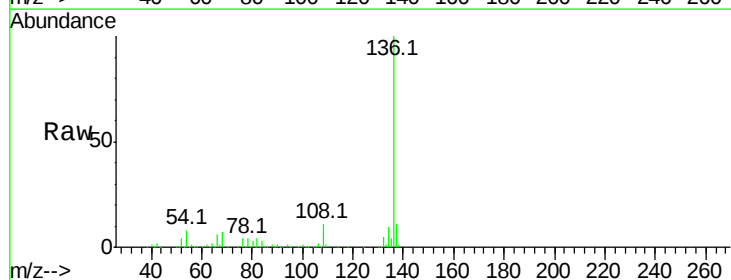
Ion Ratio Lower Upper

136 100

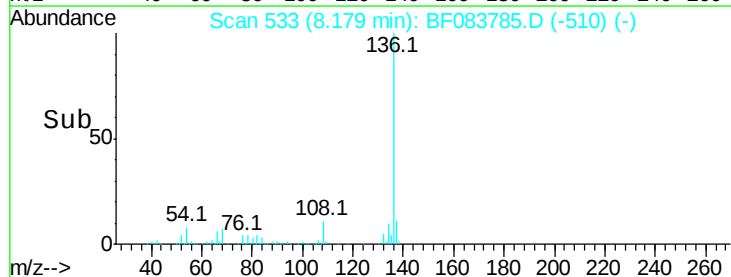
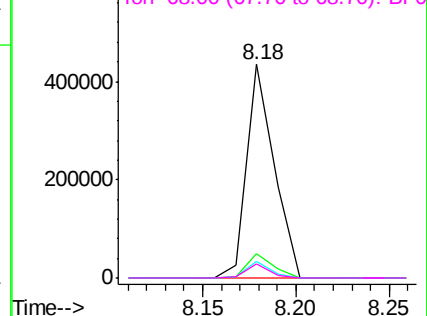
137 11.2 8.7 13.1

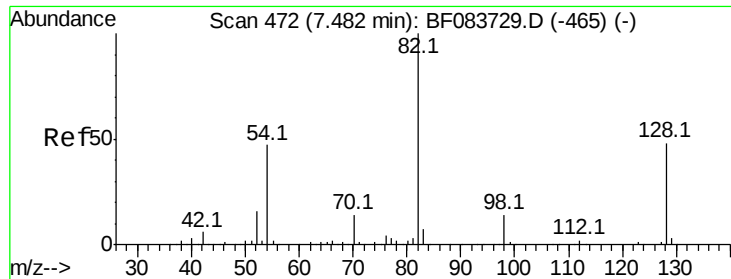
54 8.0 7.8 11.6

68 6.5 5.7 8.5



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

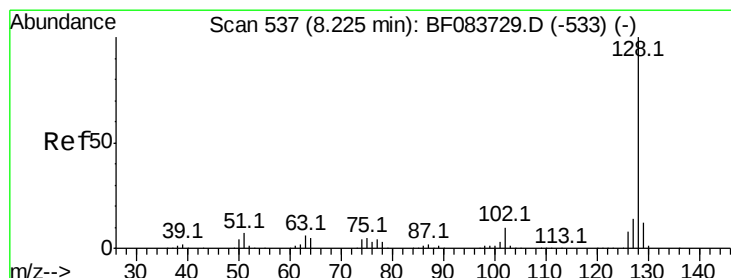
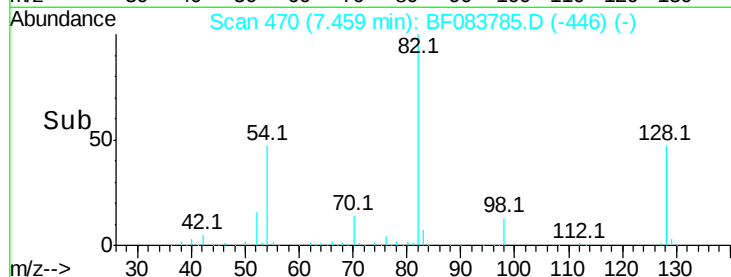
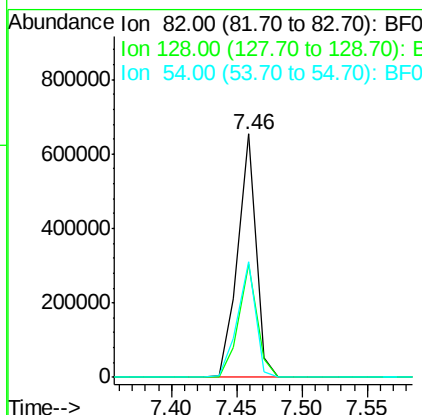
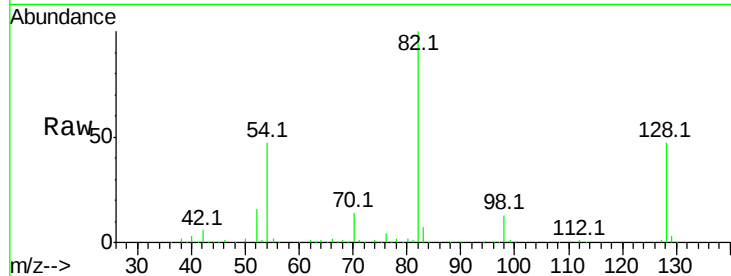




#23
 Nitrobenzene-d5
 Concen: 79.87 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083785.D
 Acq: 14 Dec 2015 22:51

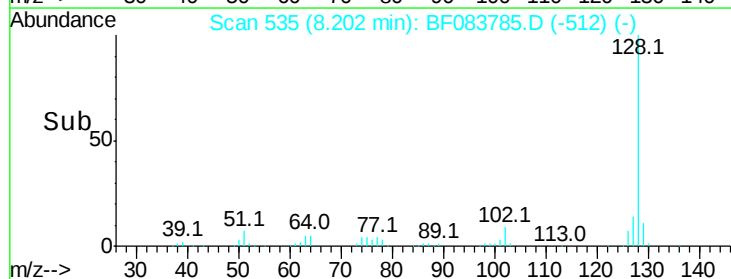
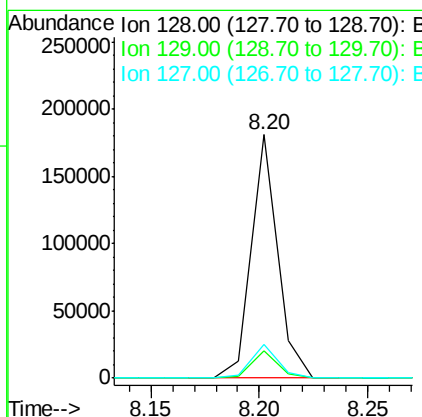
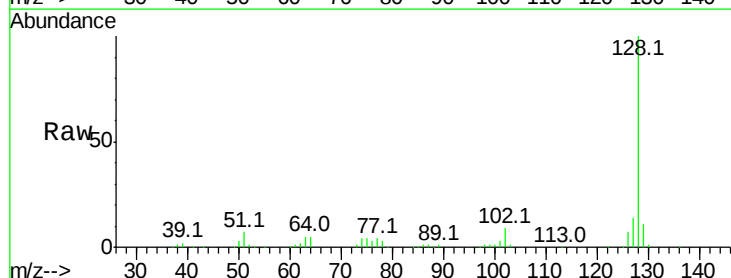
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

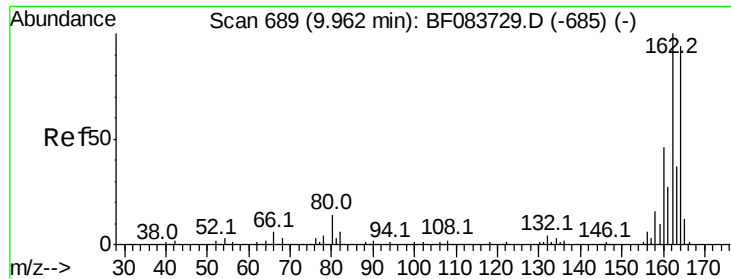
Tot Ion: 82 Resp: 634753
 Ion Ratio Lower Upper
 82 100
 128 46.6 30.7 46.1#
 54 47.2 42.5 63.7



#31
 Naphthalene
 Concen: 6.55 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.03 min
 Lab File: BF083785.D
 Acq: 14 Dec 2015 22:51

Tgt Ion: 128 Resp: 151790
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 13.0
 127 13.6 10.6 16.0

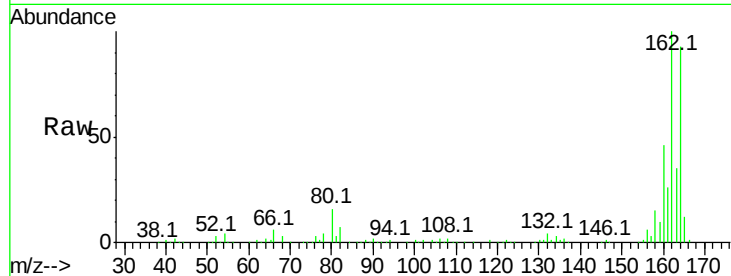




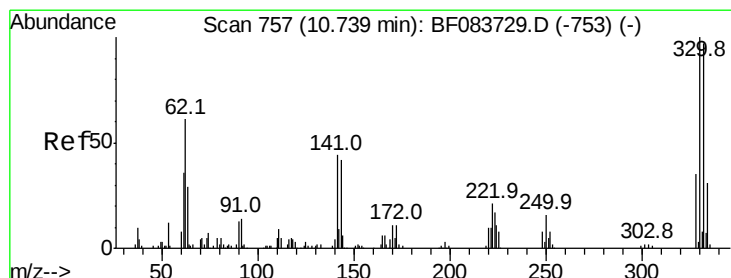
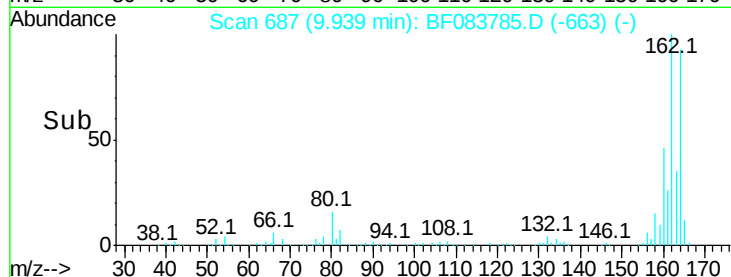
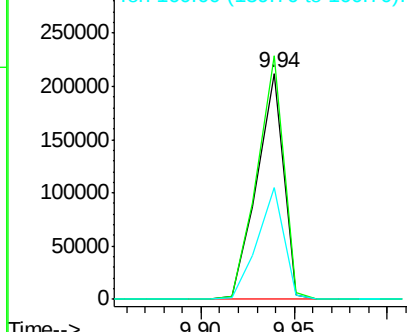
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083785.D
Acq: 14 Dec 2015 22:51

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-010

Tot Ion:164 Resp: 210168
Ion Ratio Lower Upper
164 100
162 107.6 78.8 118.2
160 49.6 33.4 50.2

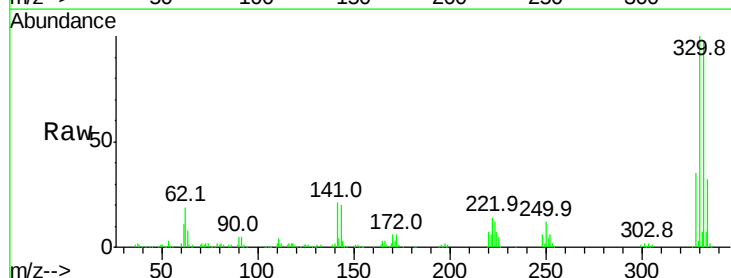


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

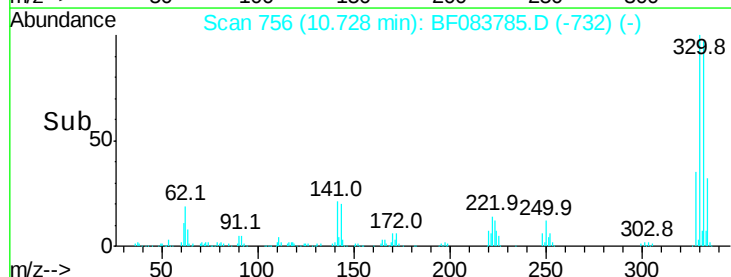
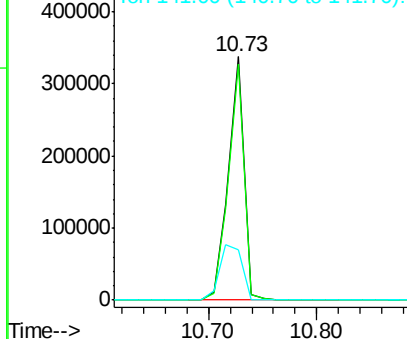


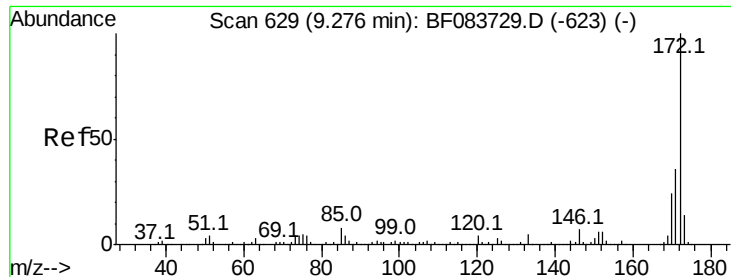
#41
2,4,6-Tribromophenol
Concen: 158.17 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083785.D
Acq: 14 Dec 2015 22:51

Tgt Ion:330 Resp: 338725
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 32.9 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



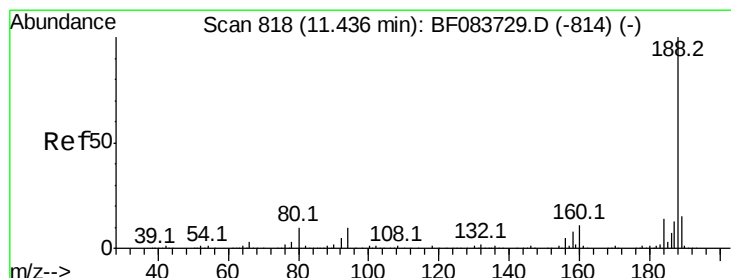
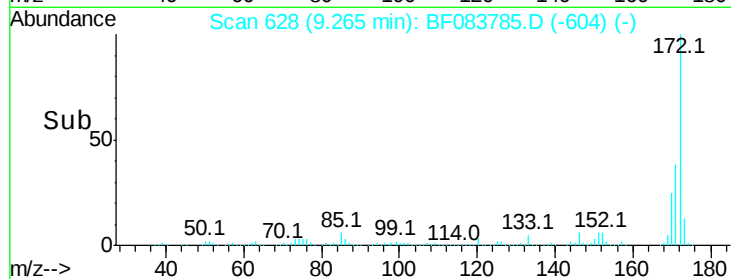
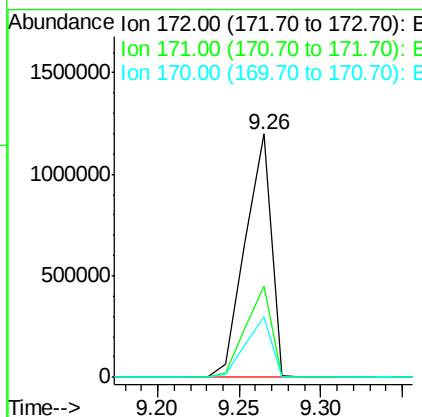
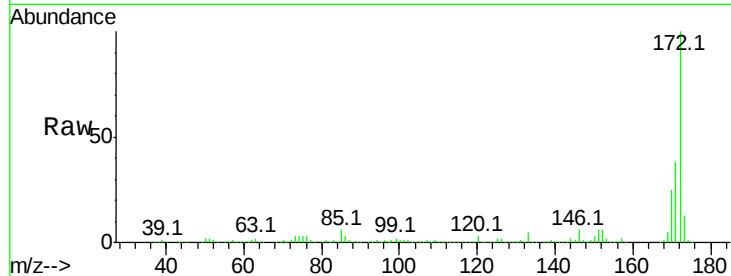


#44
 2-Fluorobiphenyl
 Concen: 96.79 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083785.D
 Acq: 14 Dec 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

Tot Ion:172 Resp: 1328906

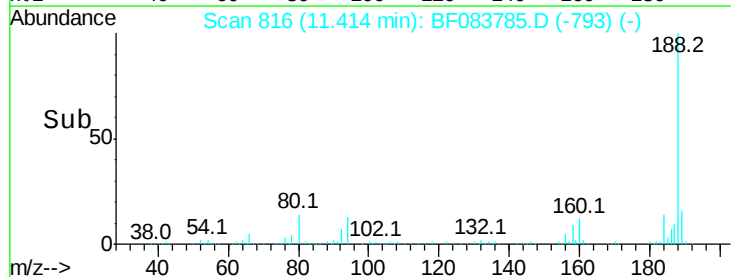
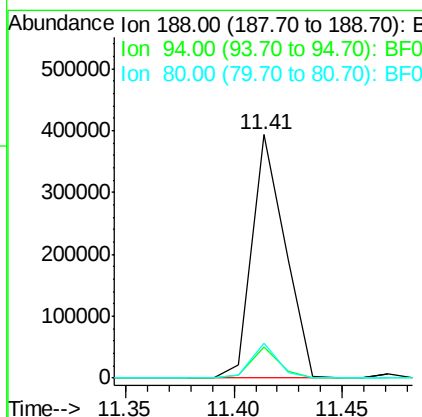
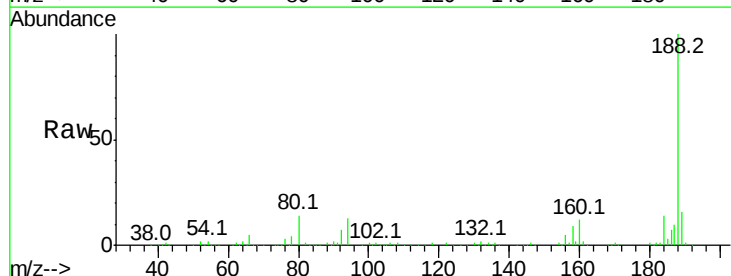
Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.6	42.8
170	25.0	19.4	29.0

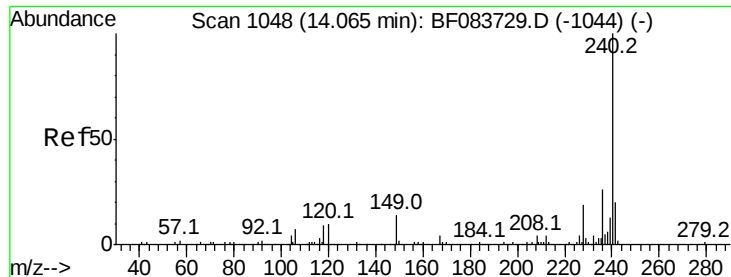


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083785.D
 Acq: 14 Dec 2015 22:51

Tgt Ion:188 Resp: 416825

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	14.2	10.6	16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-010

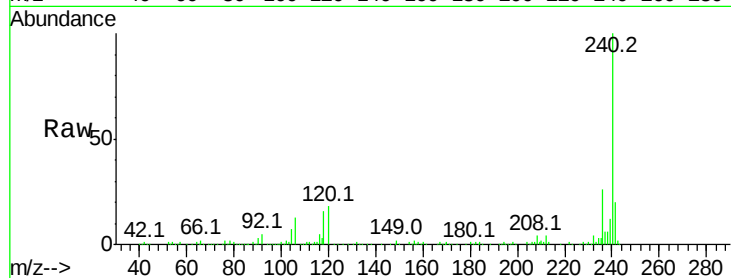
Tot Ion:240 Resp: 354208

Ion Ratio Lower Upper

240 100

120 17.7 8.1 12.1#

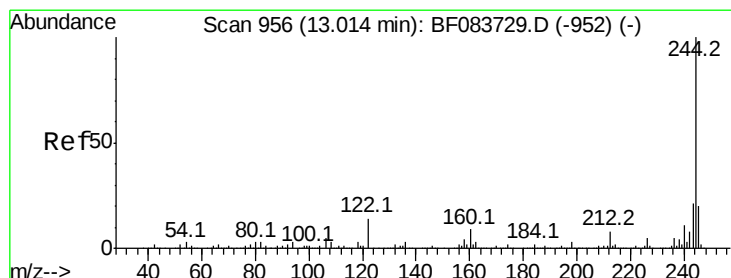
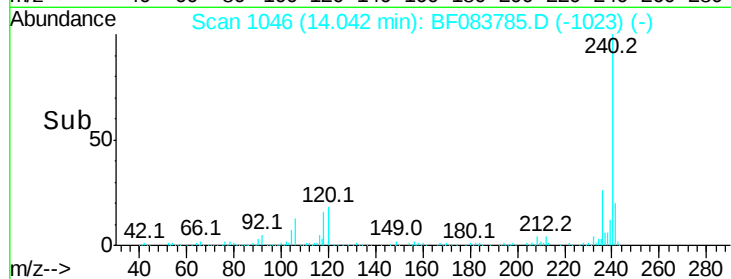
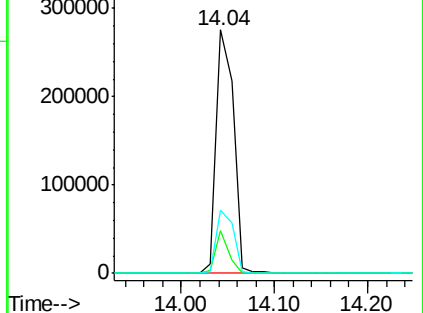
236 26.2 20.8 31.2



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: 70.15 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083785.D

Acq: 14 Dec 2015 22:51

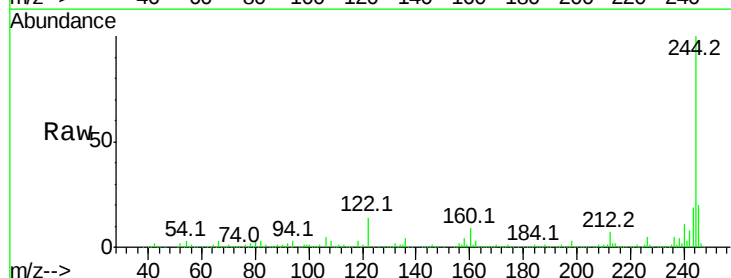
Tgt Ion:244 Resp: 1155182

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

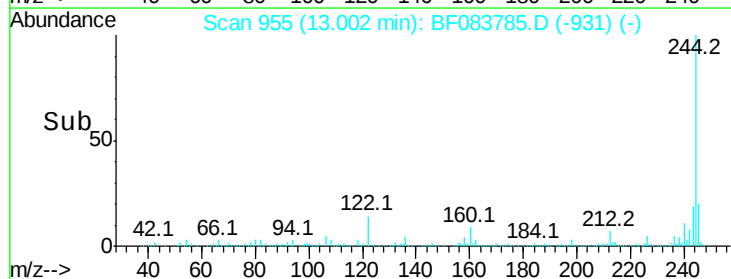
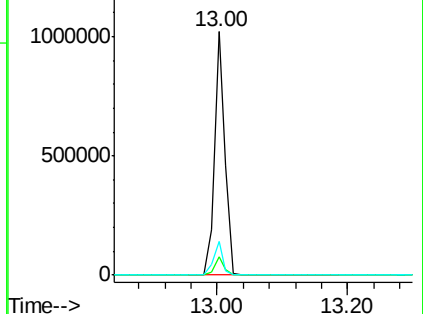
122 13.7 11.0 16.6

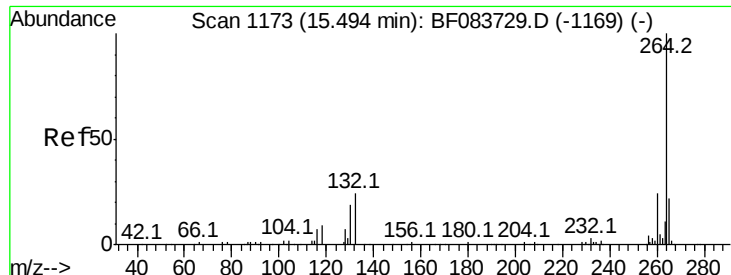


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

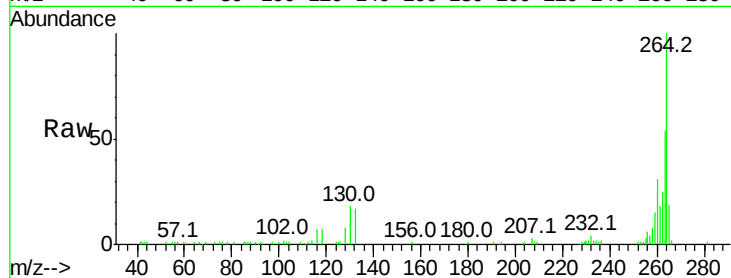




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083785.D
 Acq: 14 Dec 2015 22:51

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

Tot Ion:264 Resp: 77581
 Ion Ratio Lower Upper
 264 100
 260 31.4 19.4 29.0#
 265 19.4 17.8 26.6



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

