

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083812.D
 Acq On : 15 Dec 2015 11:58
 Operator : UM/IZ
 Sample : G4763-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

Quant Time: Dec 16 01:14:39 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

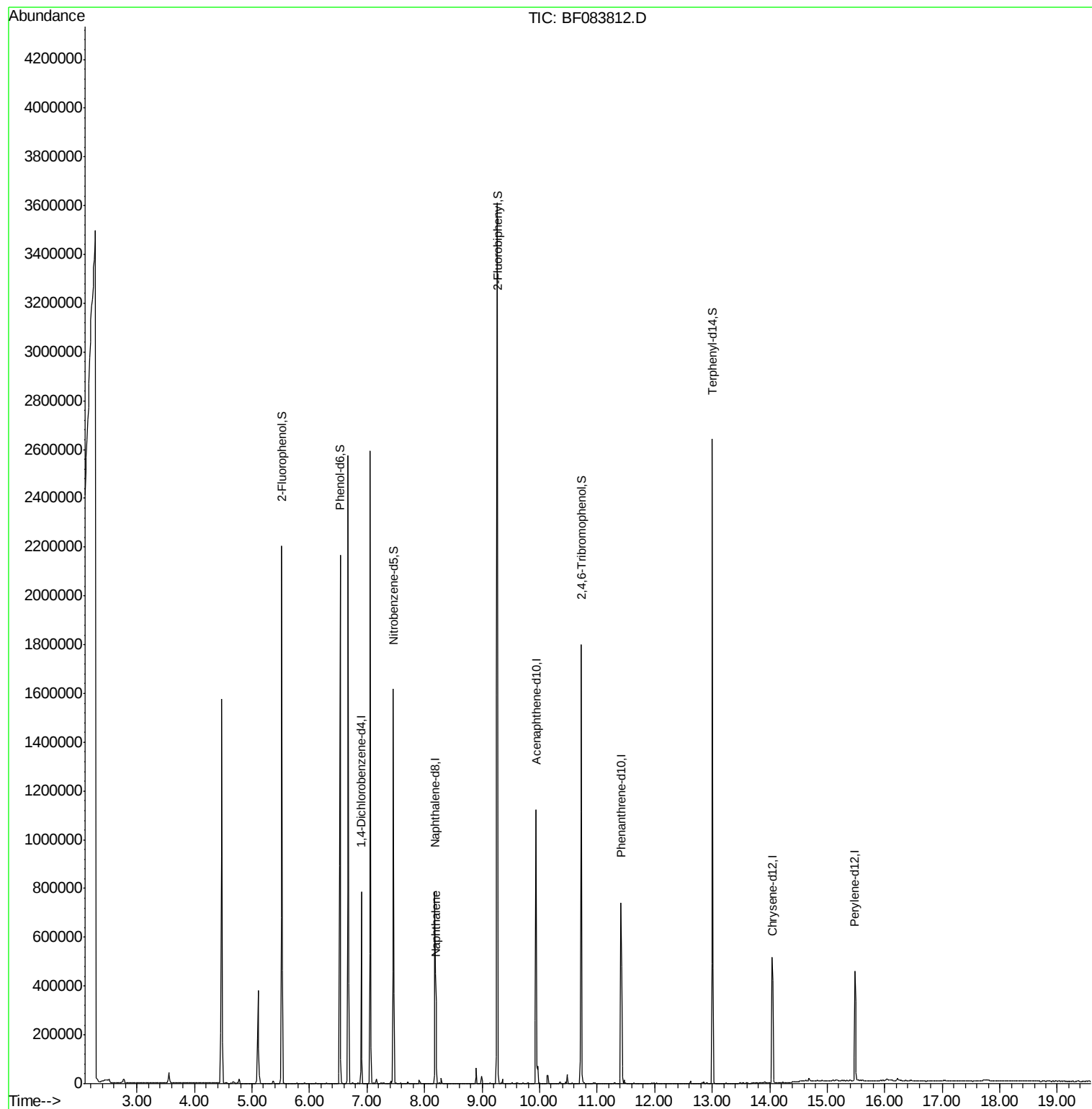
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109603	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	438545	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	215903	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	340822	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	236132	20.00	ng	-0.02
86) Perylene-d12	15.48	264	225346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	700777	103.15	ng	-0.01
7) Phenol-d6	6.53	99	817084	94.97	ng	-0.01
23) Nitrobenzene-d5	7.46	82	582511	74.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	287859	130.84	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1224687	82.30	ng	-0.02
78) Terphenyl-d14	13.00	244	806513	73.47	ng	-0.02
Target Compounds						
31) Naphthalene	8.20	128	146137	6.39	ng	Qvalue 100

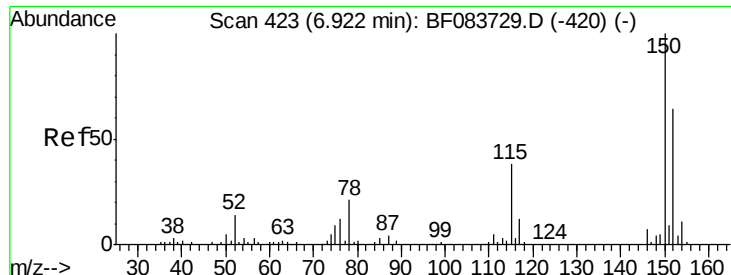
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083812.D
Acq On : 15 Dec 2015 11:58
Operator : UM/IZ
Sample : G4763-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-010

Quant Time: Dec 16 01:14:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-010

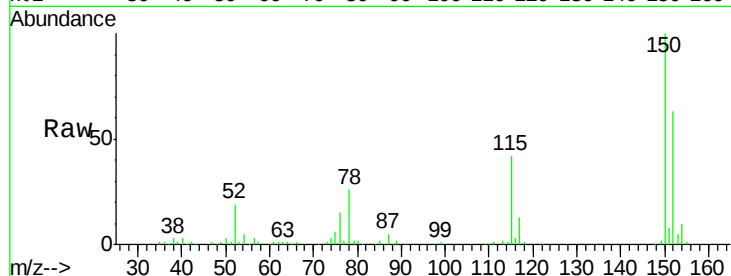
Tot Ion:152 Resp: 109603

Ion Ratio Lower Upper

152 100

150 159.8 126.5 189.7

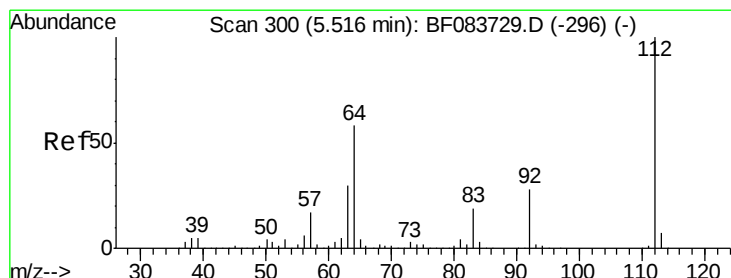
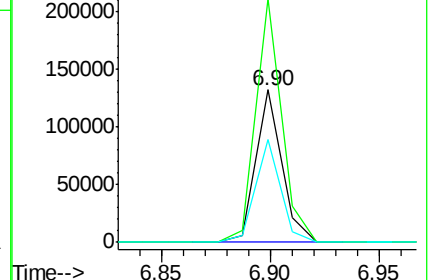
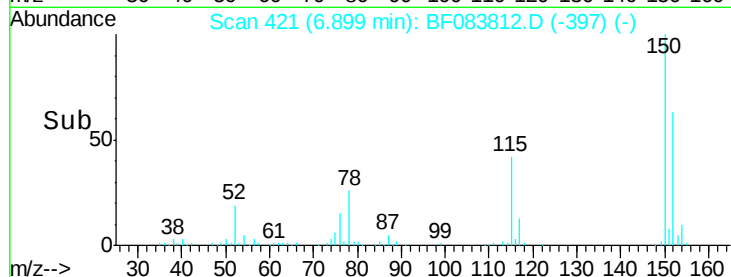
115 67.8 52.3 78.5



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: 103.15 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

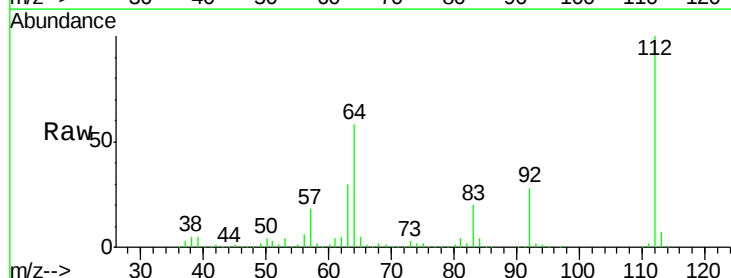
Tgt Ion:112 Resp: 700777

Ion Ratio Lower Upper

112 100

64 58.0 50.5 75.7

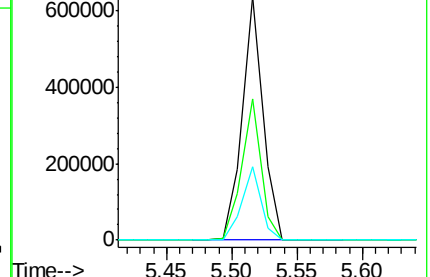
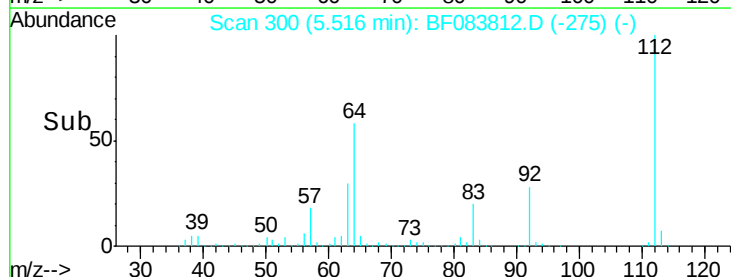
63 30.3 25.8 38.6

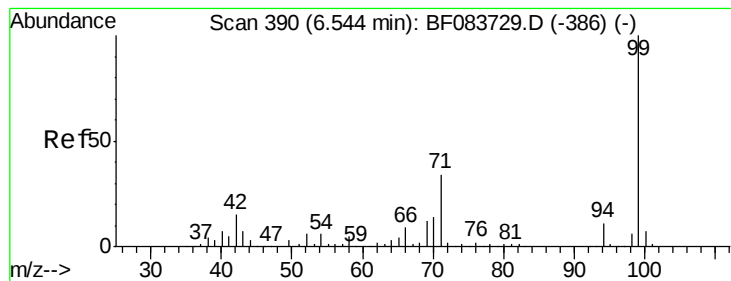


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.97 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

Instrument :

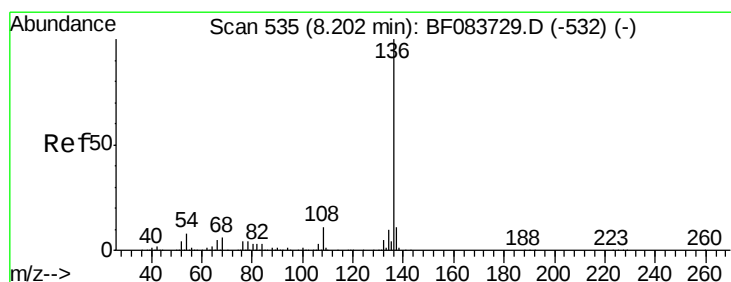
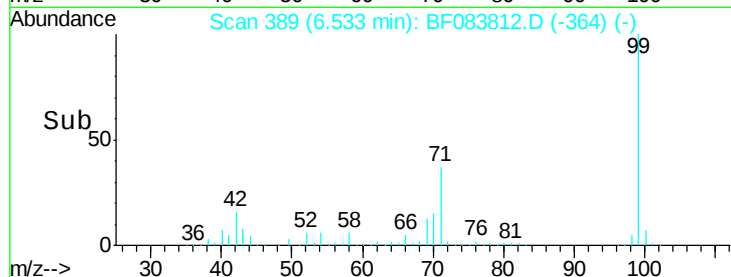
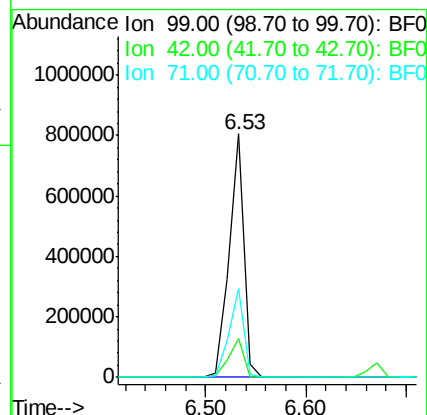
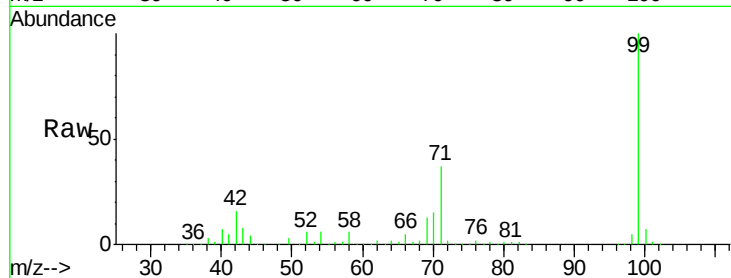
BNA_F

ClientSampleId :

WC-SOIL-010

Tot Ion: 99 Resp: 817084

Ion	Ratio	Lower	Upper
99	100		
42	16.0	17.3	25.9#
71	36.6	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

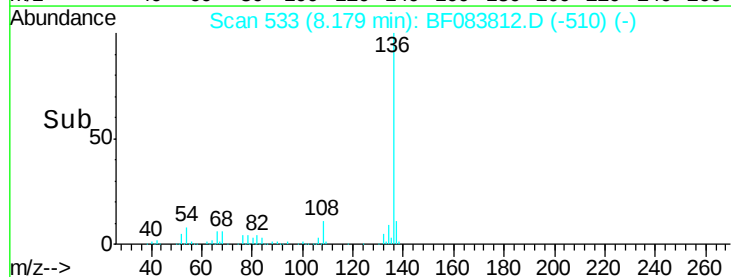
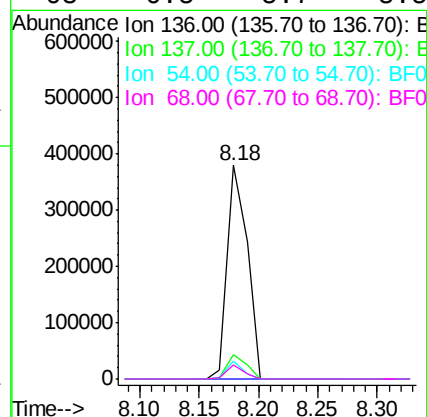
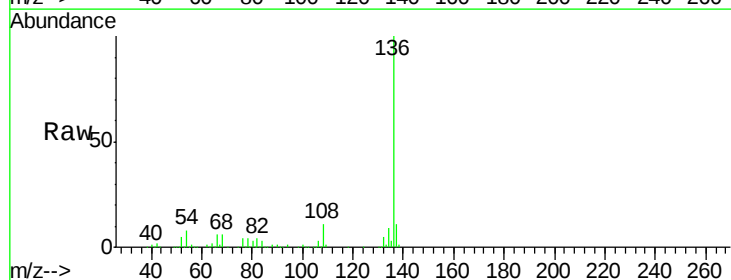
Delta R.T. -0.03 min

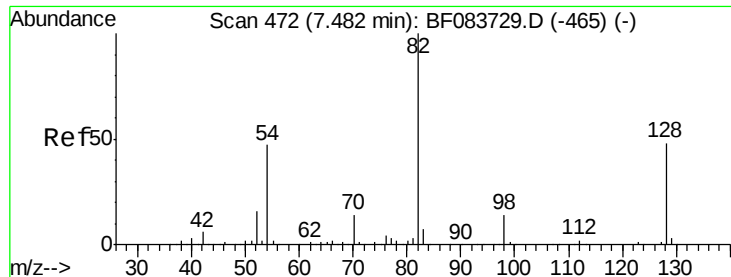
Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

Tgt Ion: 136 Resp: 438545

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.4	7.8	11.6
68	6.5	5.7	8.5

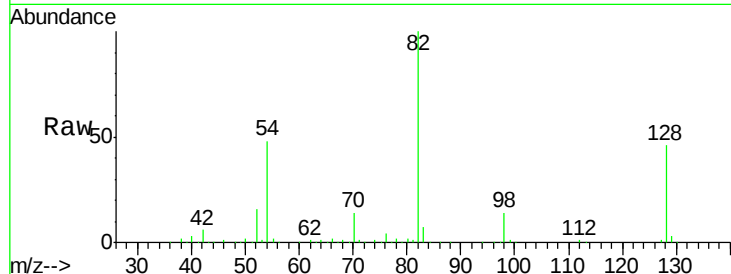




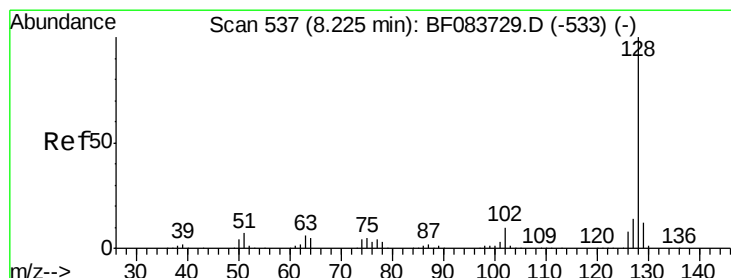
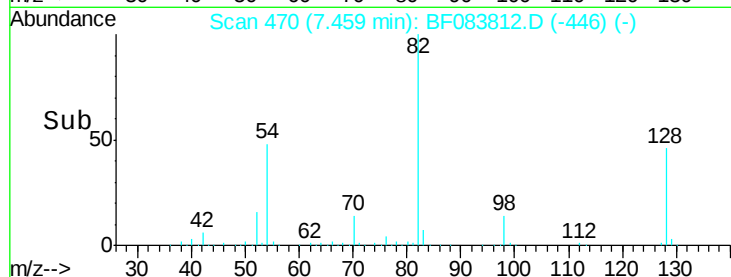
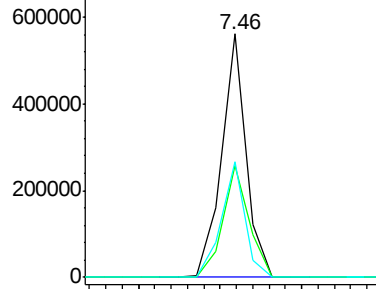
#23
Nitrobenzene-d5
Concen: 74.31 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083812.D
Acq: 15 Dec 2015 11:58

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-010

Tot Ion	82	Resp	582511
Ion Ratio	Lower	Upper	
82	100		
128	45.8	30.7	46.1
54	47.7	42.5	63.7

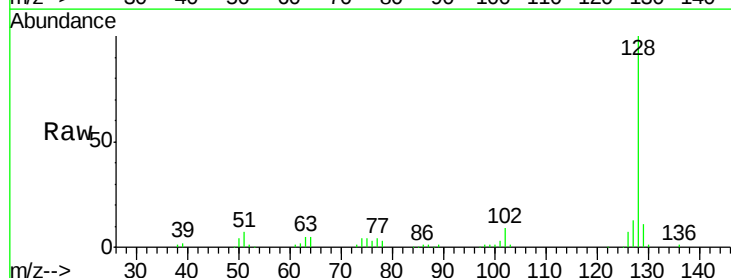


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

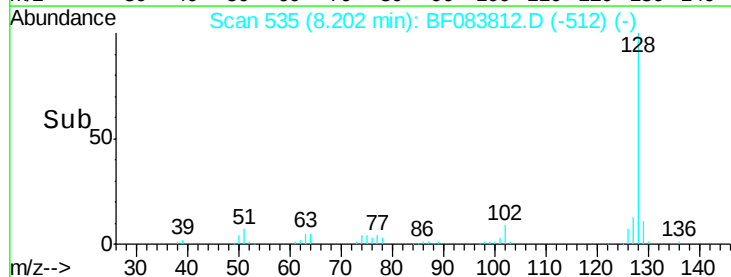
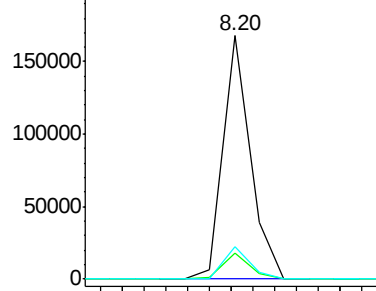


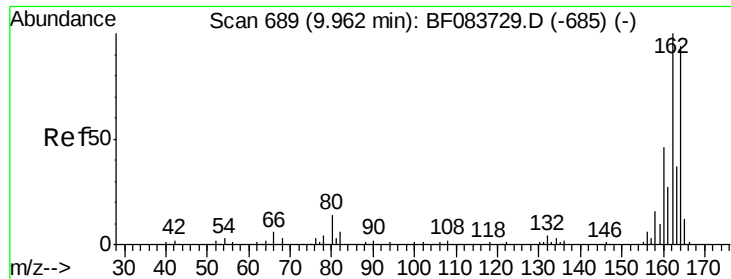
#31
Naphthalene
Concen: 6.39 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083812.D
Acq: 15 Dec 2015 11:58

Tgt Ion	128	Resp	146137
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	13.0
127	13.3	10.6	16.0



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

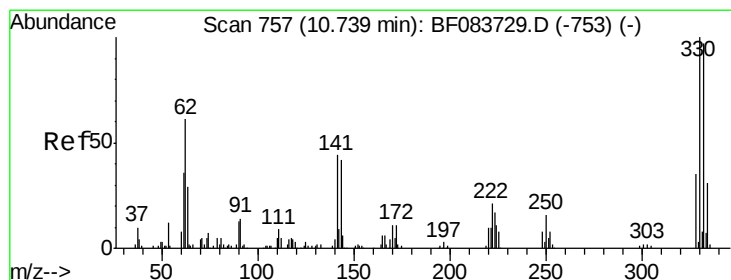
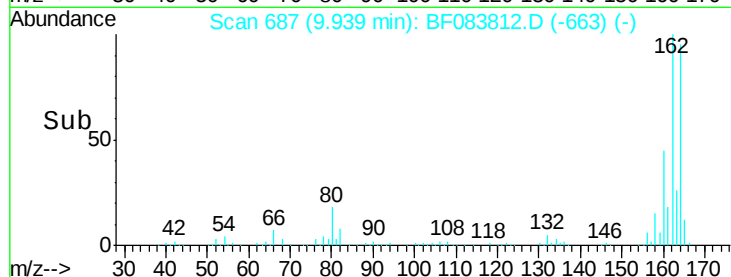
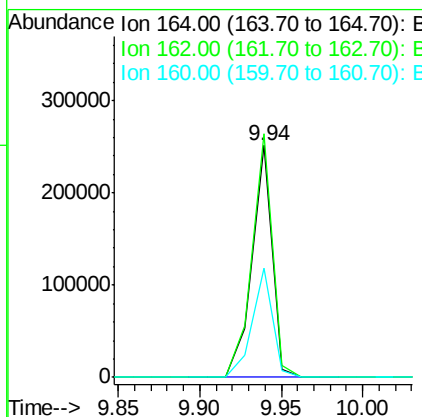
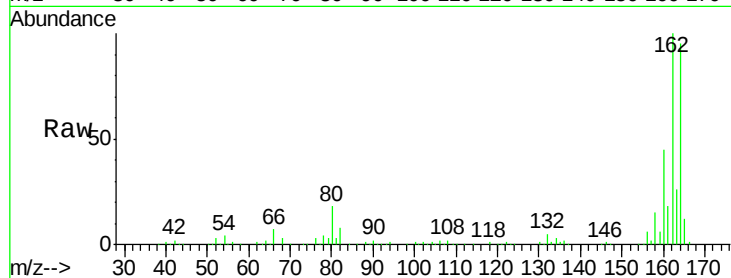




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083812.D
Acq: 15 Dec 2015 11:58

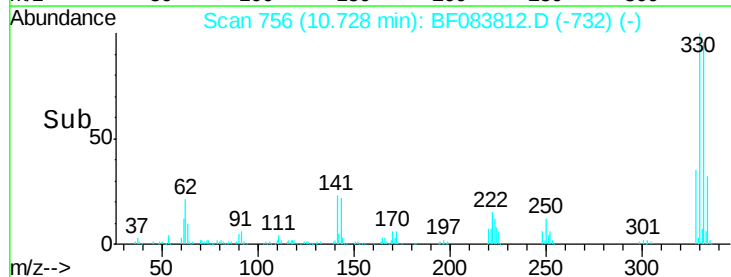
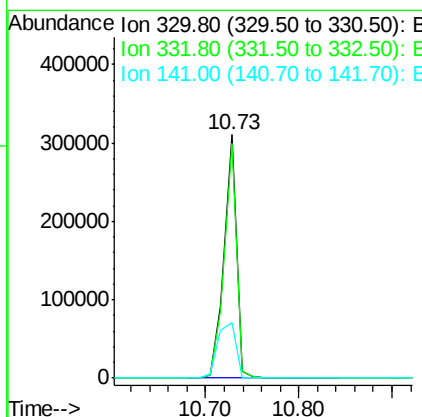
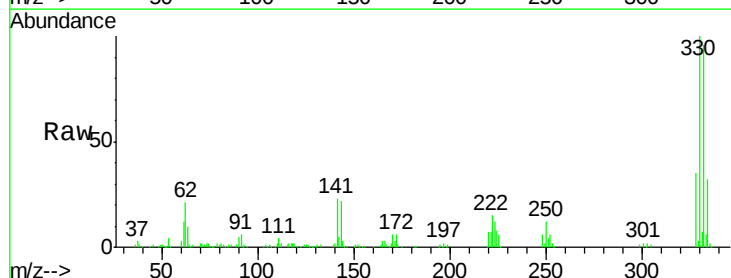
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-010

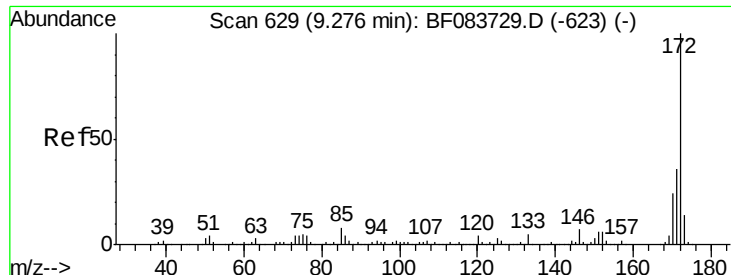
Tot Ion:164 Resp: 215903
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 47.0 33.4 50.2



#41
2,4,6-Tribromophenol
Concen: 130.84 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083812.D
Acq: 15 Dec 2015 11:58

Tgt Ion:330 Resp: 287859
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 33.2 0.0 0.0#



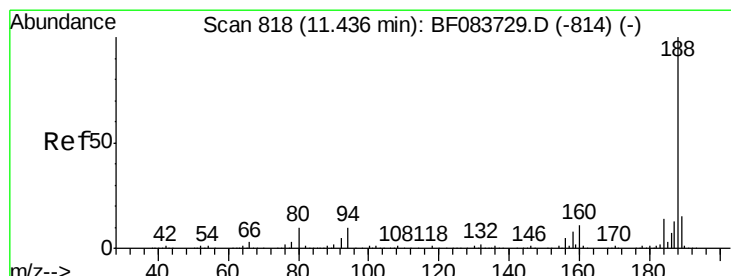
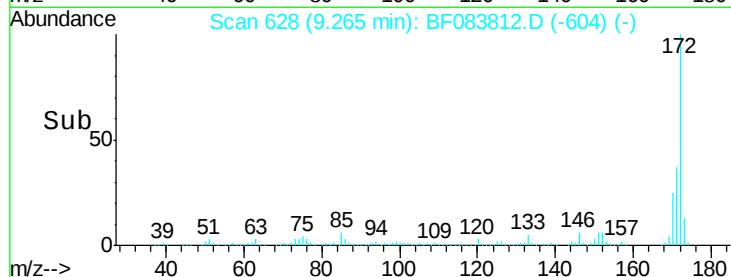
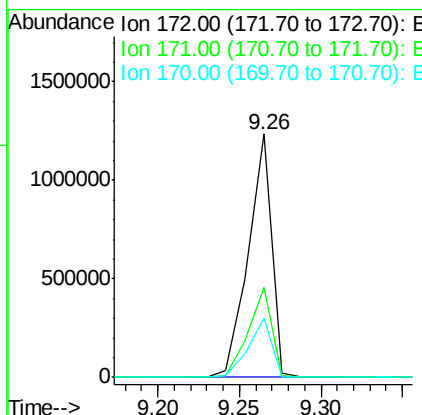
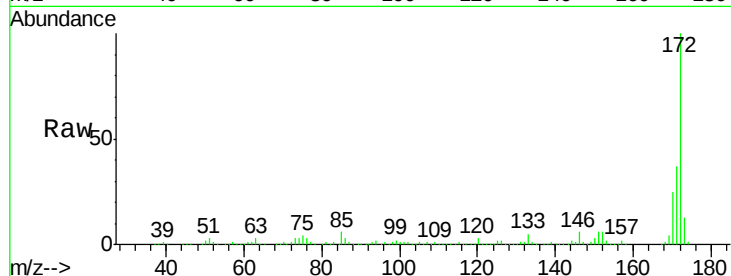


#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083812.D
 Acq: 15 Dec 2015 11:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-010

Tot Ion:172 Resp: 1224687

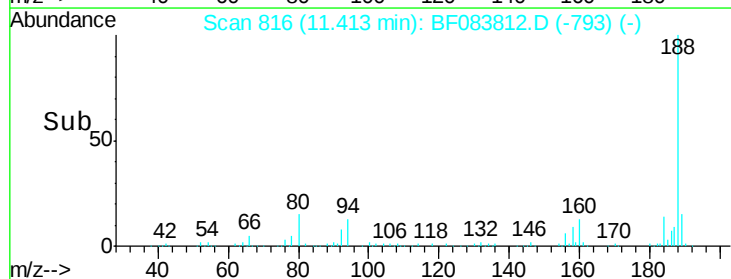
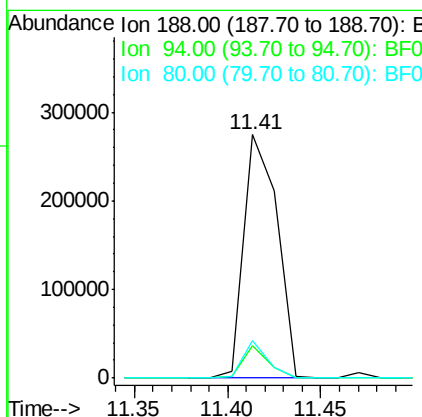
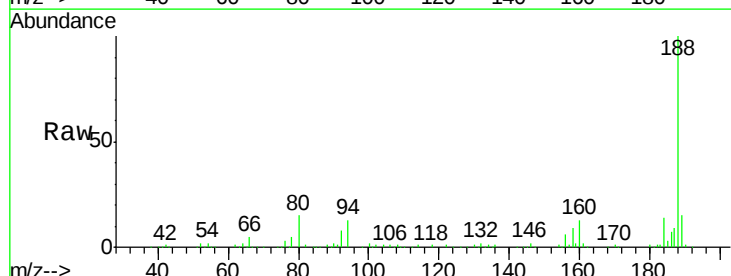
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.6	19.4	29.0

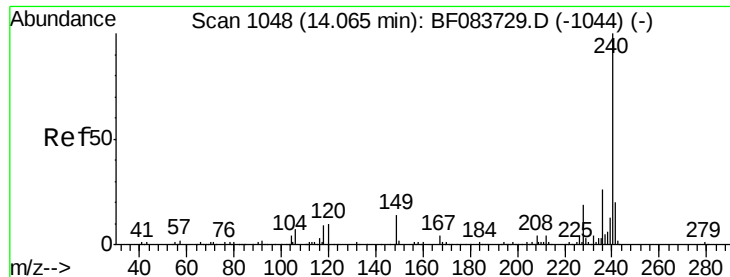


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083812.D
 Acq: 15 Dec 2015 11:58

Tgt Ion:188 Resp: 340822

Ion	Ratio	Lower	Upper
188	100		
94	13.4	9.4	14.2
80	15.4	10.6	16.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-010

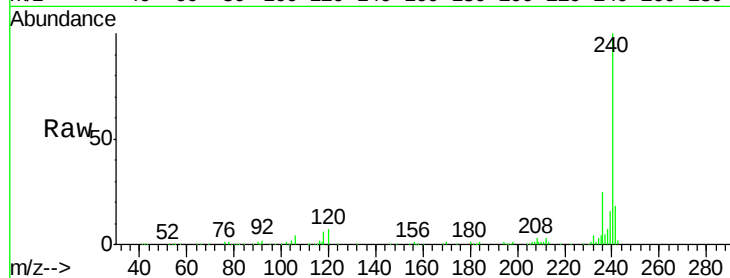
Tot Ion:240 Resp: 236132

Ion Ratio Lower Upper

240 100

120 6.9 8.1 12.1#

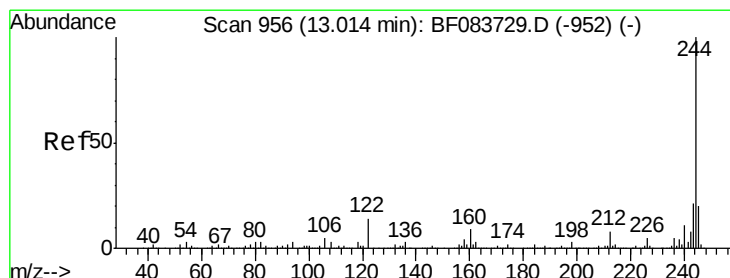
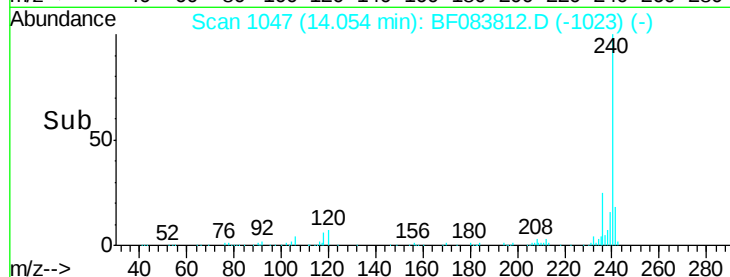
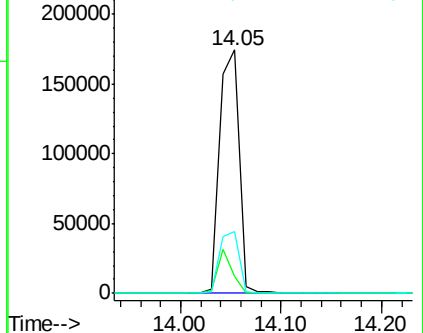
236 25.3 20.8 31.2



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: 73.47 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083812.D

Acq: 15 Dec 2015 11:58

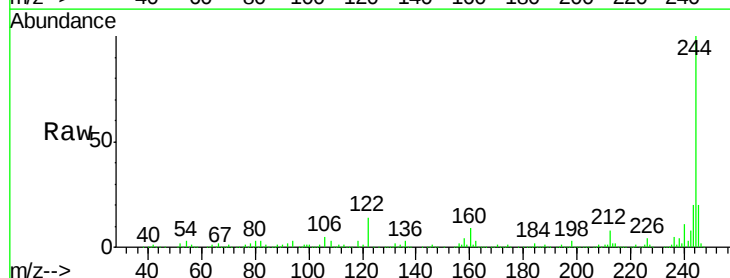
Tgt Ion:244 Resp: 806513

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

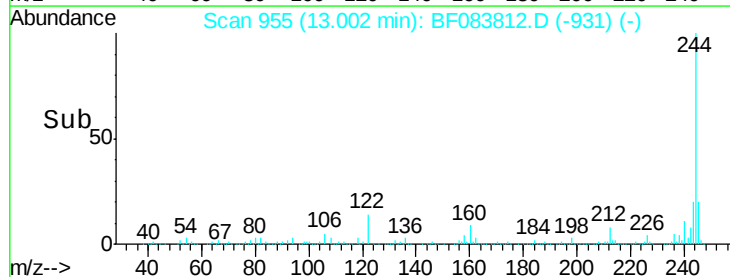
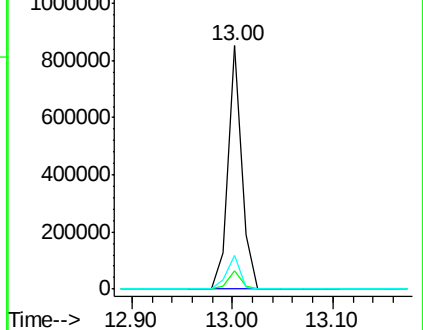
122 13.7 11.0 16.6

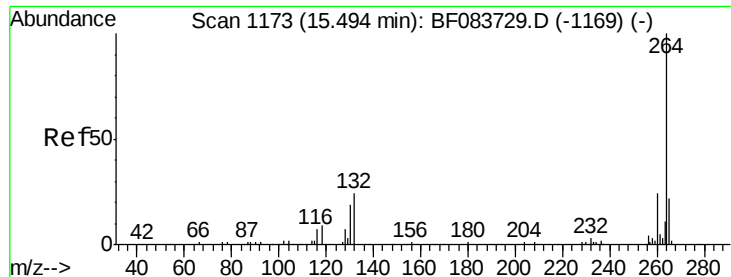


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083812.D
Acq: 15 Dec 2015 11:58

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-010

Tot Ion: 264 Resp: 225346

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.4	17.8	26.6

