

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090646.D
 Acq On : 19 Oct 2016 14:36
 Operator : UM/SJ
 Sample : H5291-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Oct 19 16:10:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

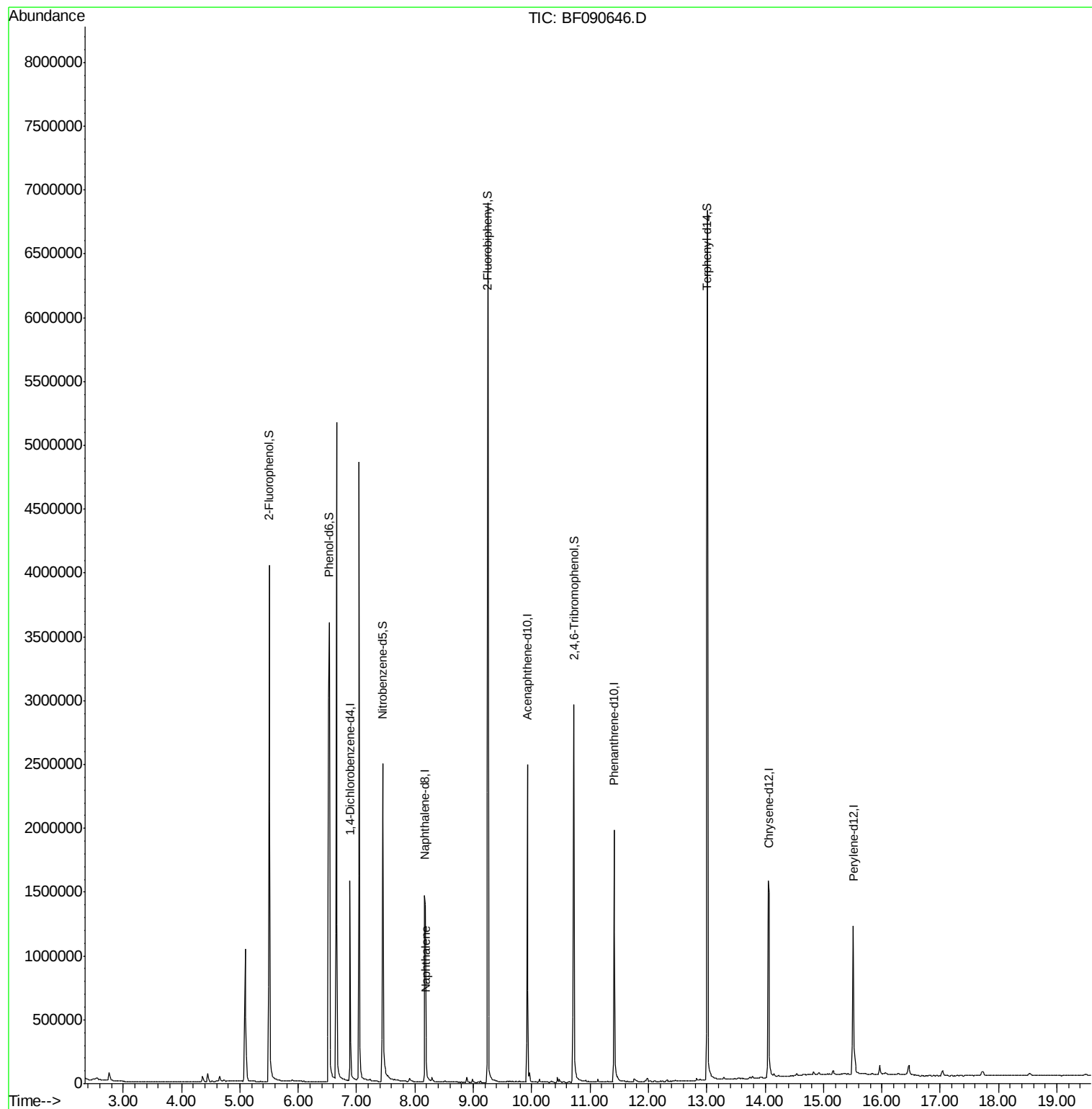
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	241105	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1026418	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	540828	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	919119	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	813451	20.00	ng	0.00
86) Perylene-d12	15.52	264	661365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1499458	114.01	ng	0.01
7) Phenol-d6	6.53	99	2009100	102.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	1390344	75.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	602868	125.03	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2210351	67.34	ng	-0.01
78) Terphenyl-d14	13.01	244	2658645	76.10	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	142358	2.72	ng	Qvalue 99

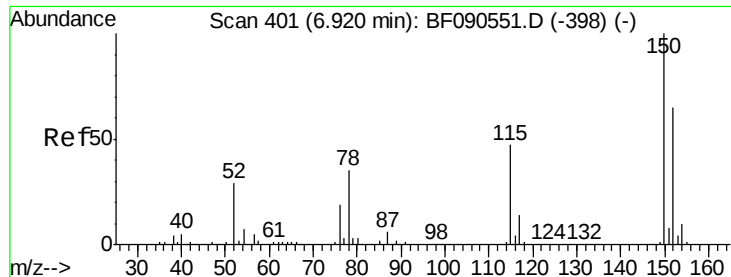
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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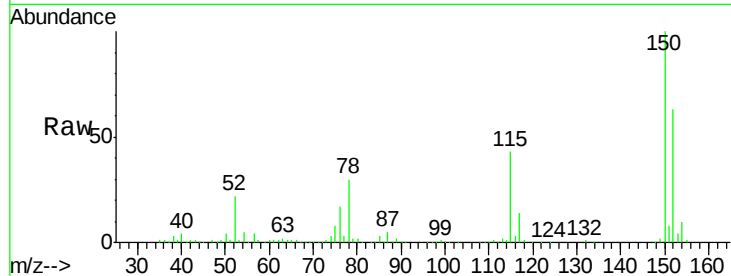


#1

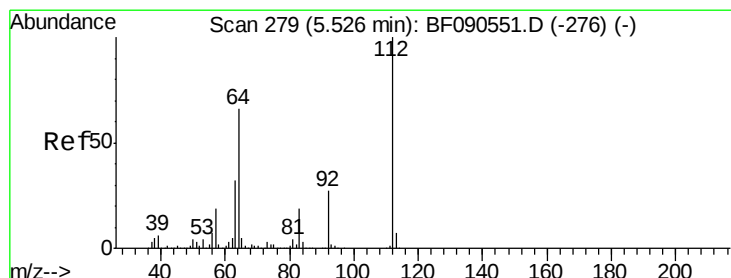
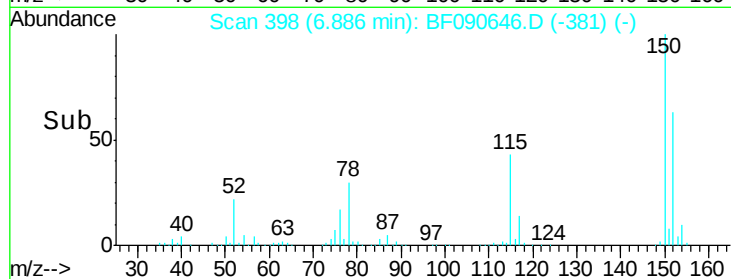
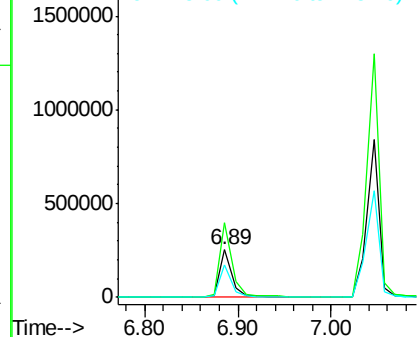
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:152 Resp: 241105
Ion Ratio Lower Upper
152 100
150 159.3 127.2 190.8
115 68.0 58.6 88.0



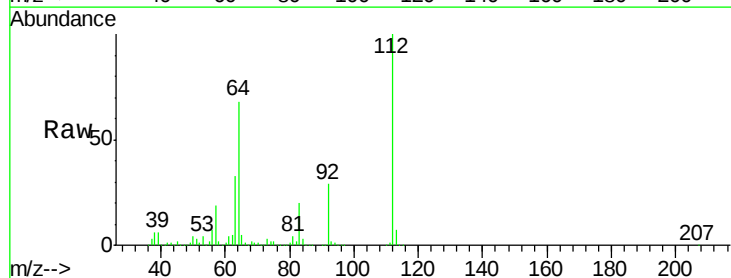
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



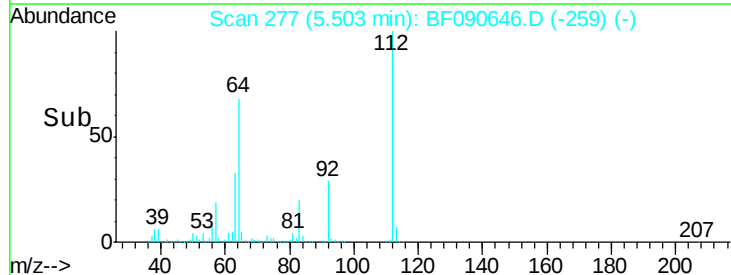
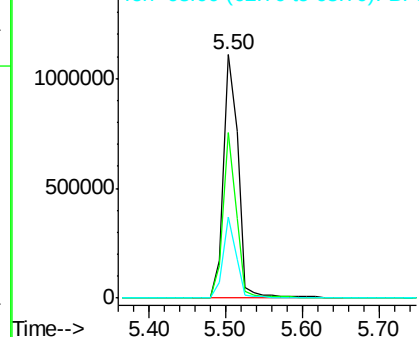
#5

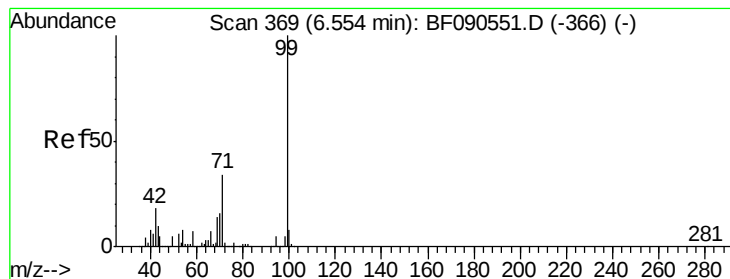
2-Fluorophenol
Concen: 114.01 ng
RT: 5.50 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Tgt Ion:112 Resp: 1499458
Ion Ratio Lower Upper
112 100
64 68.0 52.6 78.8
63 33.3 26.0 39.0



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: 102.81 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090646.D

Acq: 19 Oct 2016 14:36

Instrument :

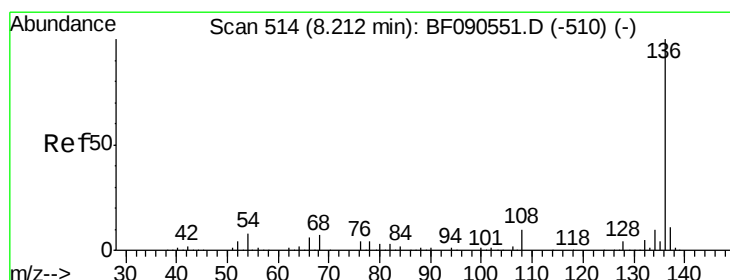
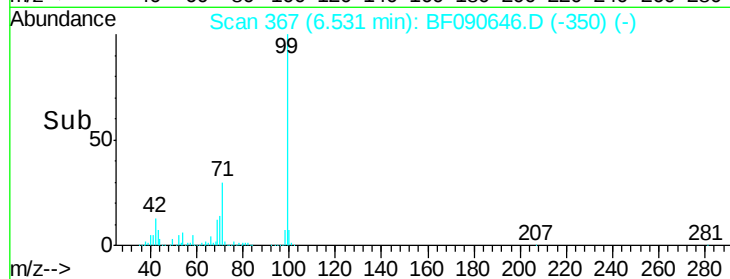
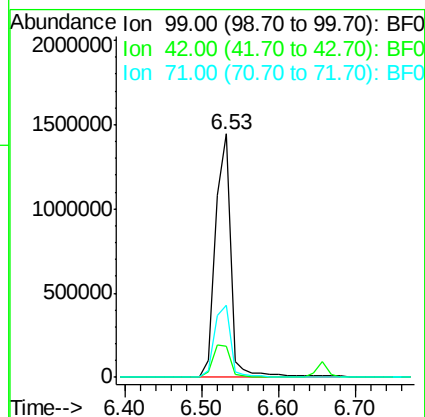
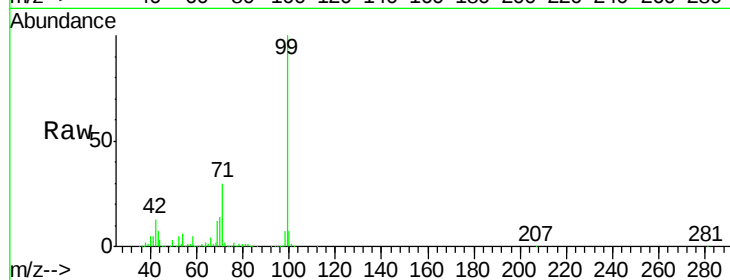
BNA_F

ClientSampleId :

SOIL-CUTTINGS

Tot Ion: 99 Resp: 2009100

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.7	22.1#
71	29.8	27.6	41.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

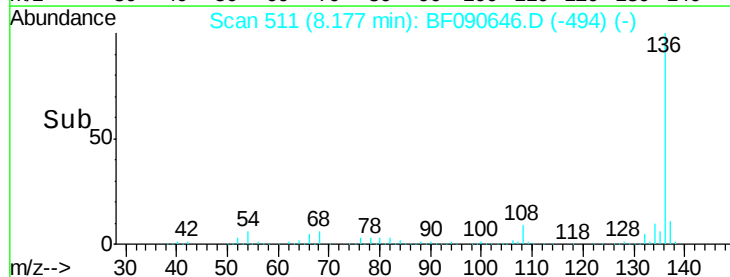
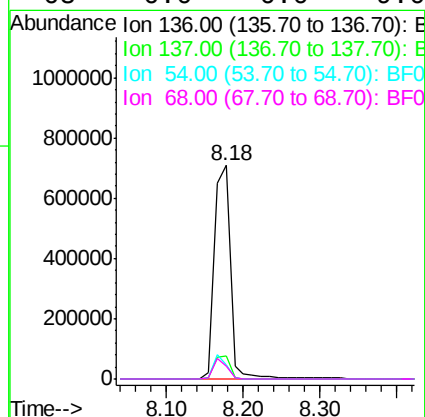
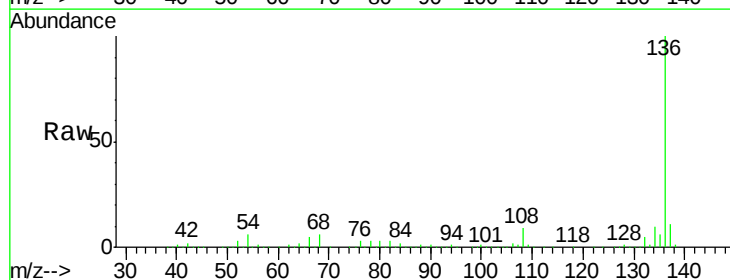
Delta R.T. -0.00 min

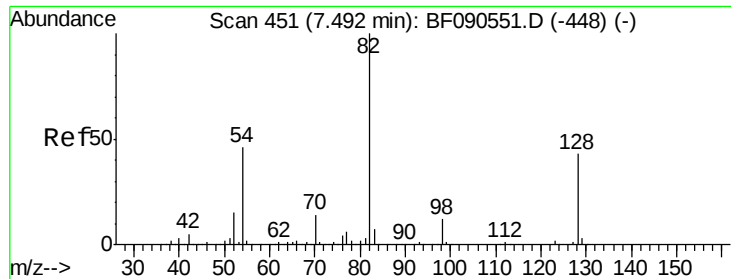
Lab File: BF090646.D

Acq: 19 Oct 2016 14:36

Tgt Ion: 136 Resp: 1026418

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	6.8	10.2#
68	6.0	6.0	9.0

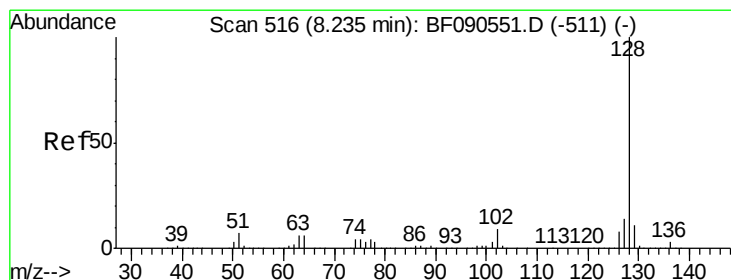
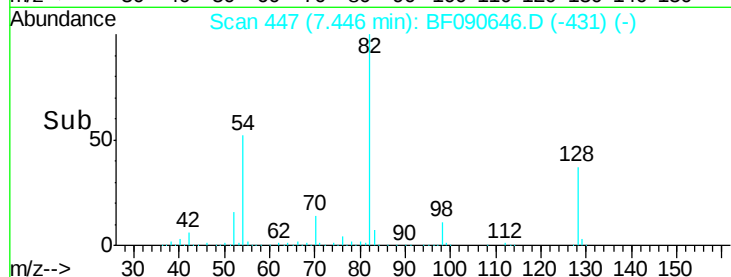
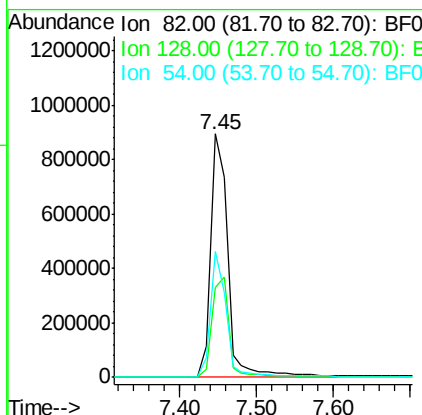
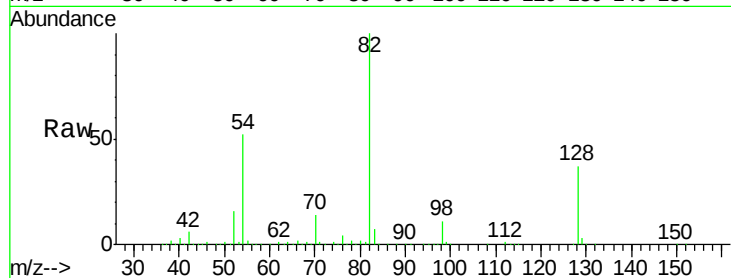




#23
Nitrobenzene-d5
Concen: 75.25 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

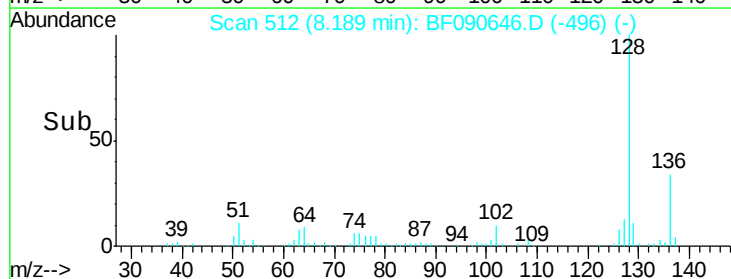
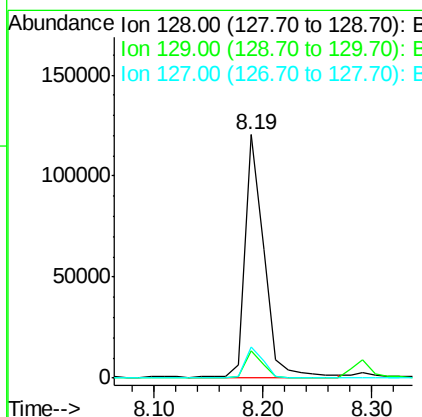
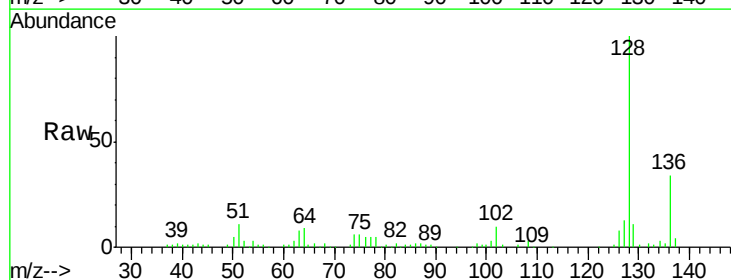
Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

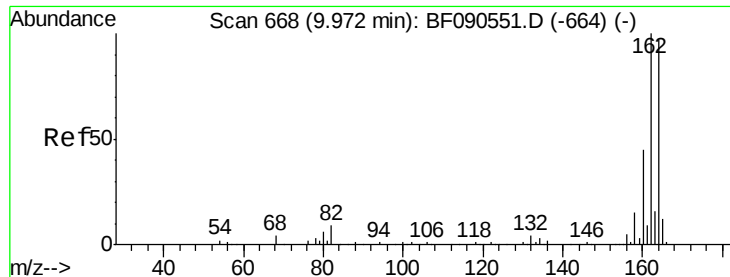
Tot Ion: 82 Resp: 1390344
Ion Ratio Lower Upper
82 100
128 36.7 34.3 51.5
54 51.8 37.0 55.6



#31
Naphthalene
Concen: 2.72 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Tgt Ion: 128 Resp: 142358
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.9 10.8 16.2

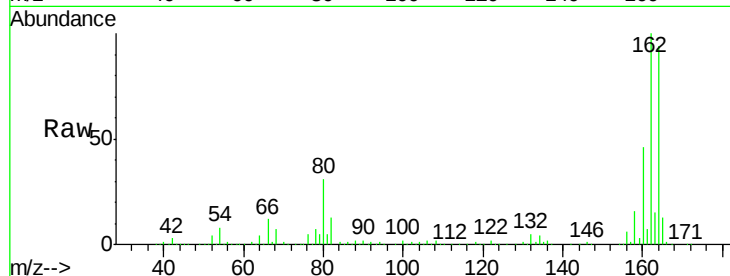




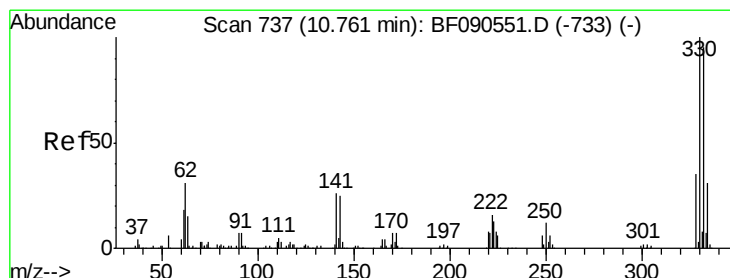
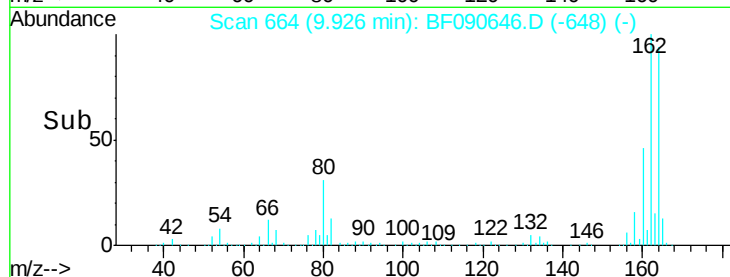
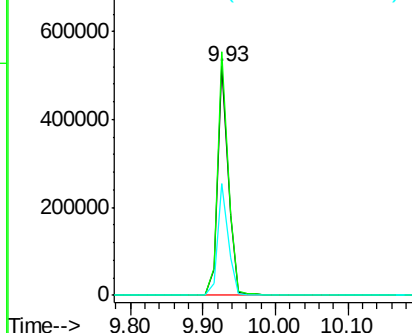
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:164 Resp: 540828
Ion Ratio Lower Upper
164 100
162 106.2 82.2 123.4
160 48.5 36.6 55.0

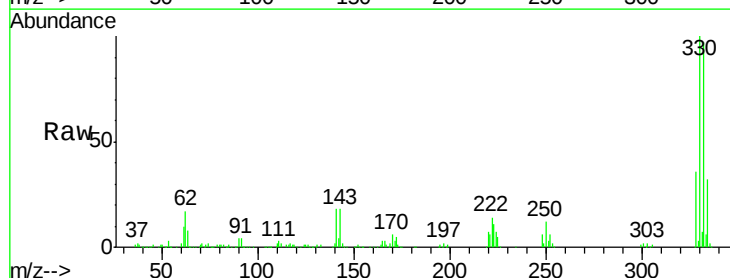


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

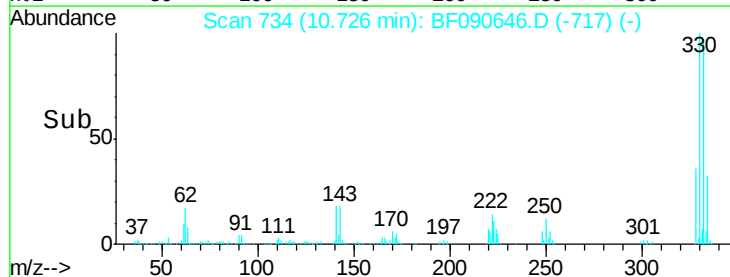
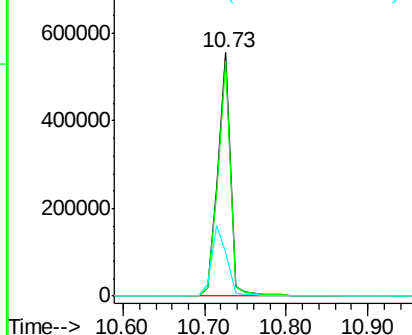


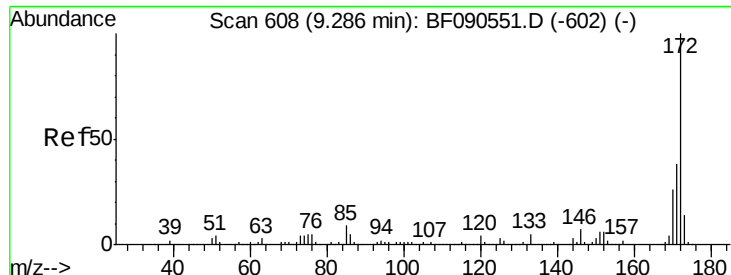
#41
2,4,6-Tribromophenol
Concen: 125.03 ng
RT: 10.73 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Tgt Ion:330 Resp: 602868
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.2
141 35.8 31.4 47.2



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

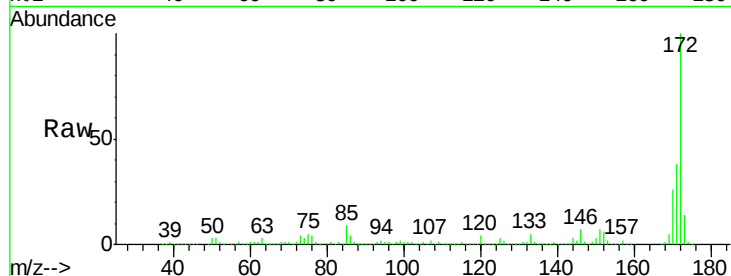




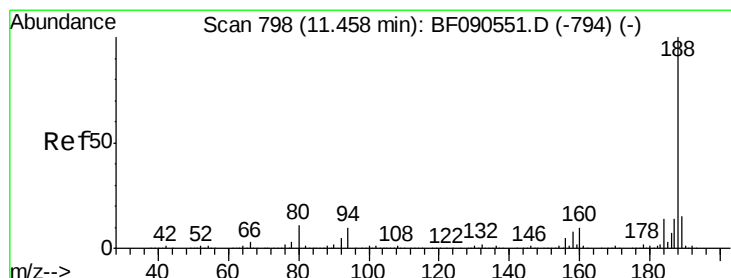
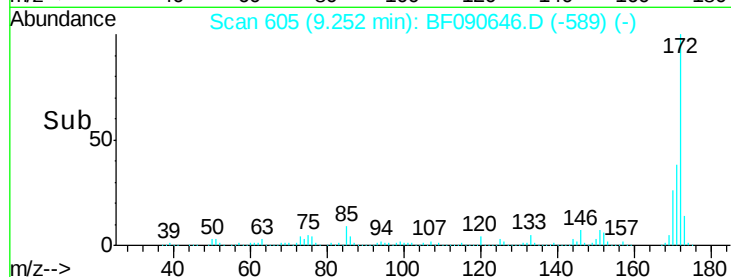
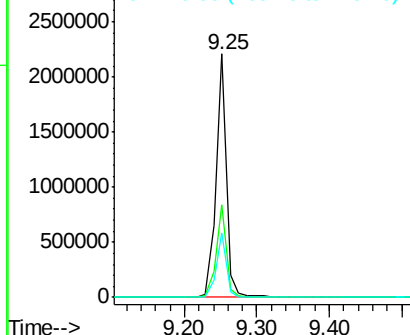
#44
2-Fluorobiphenyl
Concen: 67.34 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tot Ion:172 Resp: 2210351
Ion Ratio Lower Upper
172 100
171 38.2 30.1 45.1
170 26.4 20.6 30.8

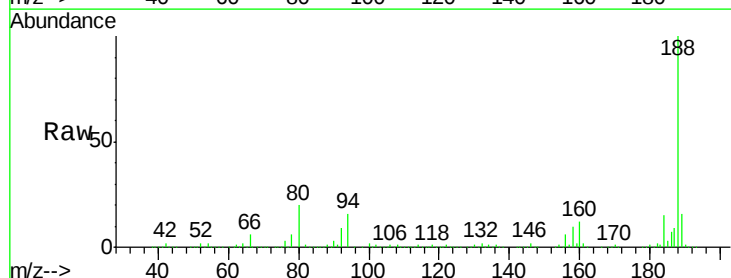


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

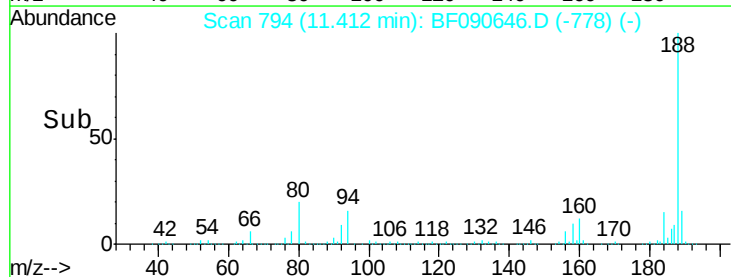
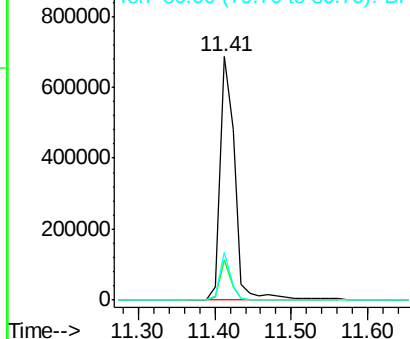


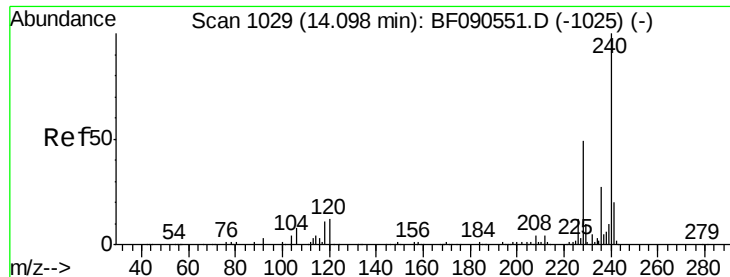
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090646.D
Acq: 19 Oct 2016 14:36

Tgt Ion:188 Resp: 919119
Ion Ratio Lower Upper
188 100
94 16.5 7.7 11.5#
80 19.5 8.6 12.8#



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: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090646.D

Acq: 19 Oct 2016 14:36

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

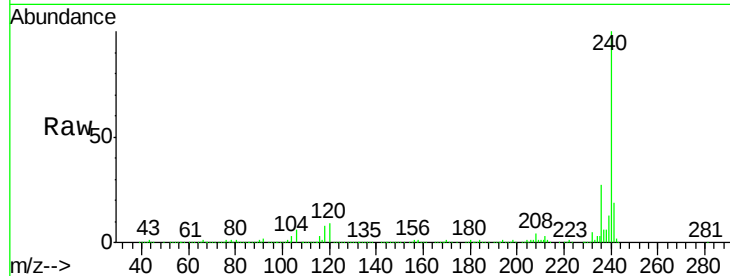
Tot Ion:240 Resp: 813451

Ion Ratio Lower Upper

240 100

120 9.0 9.8 14.8#

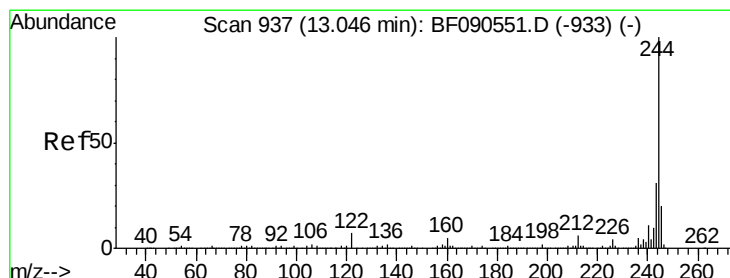
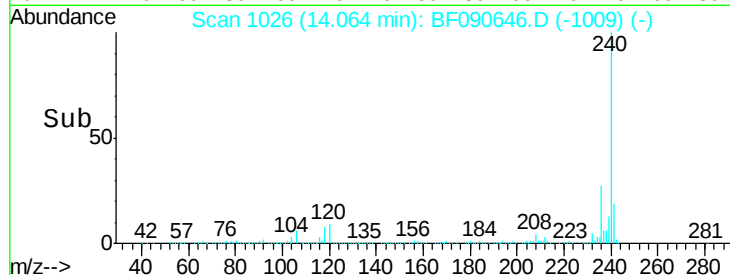
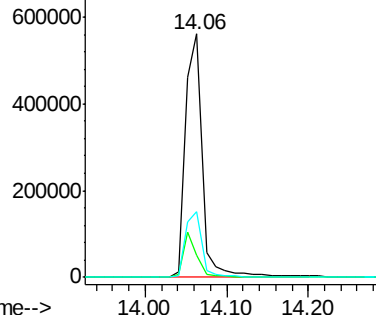
236 27.1 21.7 32.5



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: 76.10 ng

RT: 13.01 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF090646.D

Acq: 19 Oct 2016 14:36

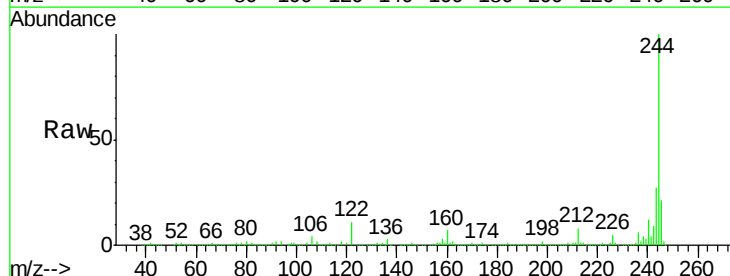
Tgt Ion:244 Resp: 2658645

Ion Ratio Lower Upper

244 100

212 7.6 5.0 7.4#

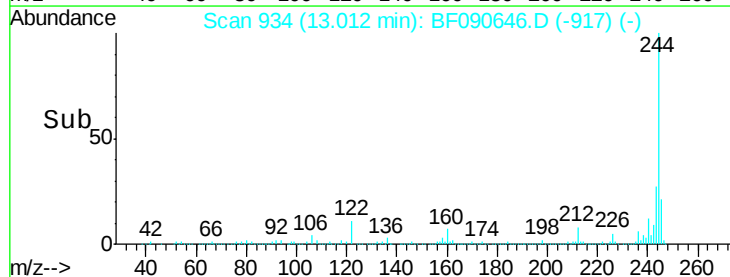
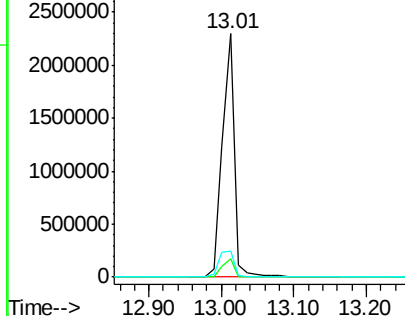
122 10.8 5.6 8.4#

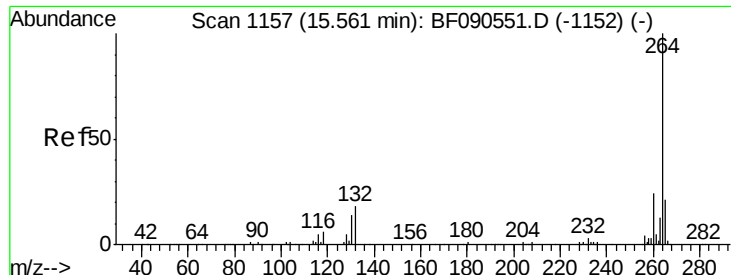


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

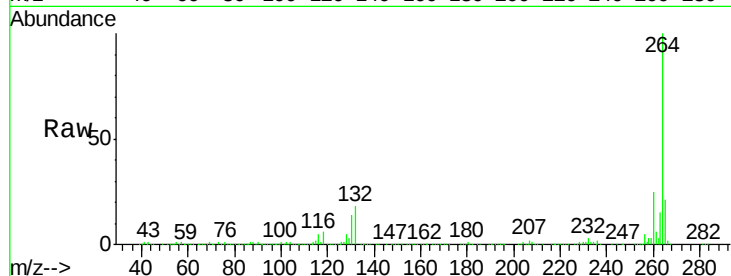




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BF090646.D
 Acq: 19 Oct 2016 14:36

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.2	16.7	25.1



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

