

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090385.D
 Acq On : 5 Oct 2016 16:57
 Operator : UM/SJ
 Sample : H4818-01
 Misc : LOD 2PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Quant Time: Oct 06 01:34:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

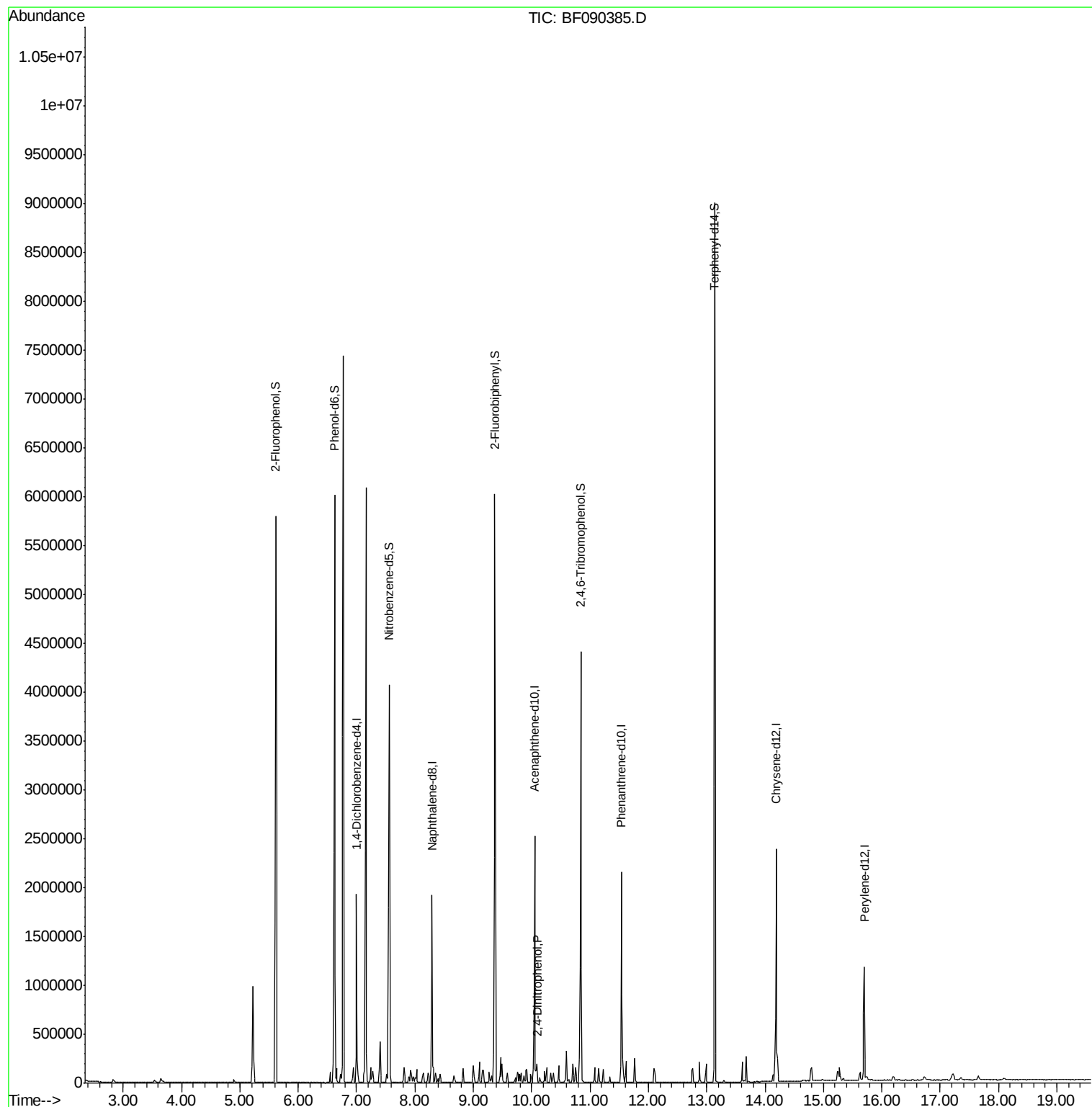
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	245249	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1045850	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	523618	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	795924	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	667466	20.00	ng	-0.01
86) Perylene-d12	15.70	264	496758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1953541	118.88	ng	0.01
7) Phenol-d6	6.62	99	2274337	105.67	ng	0.00
23) Nitrobenzene-d5	7.56	82	1608335	74.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	553075	129.90	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2604341	82.87	ng	-0.01
78) Terphenyl-d14	13.14	244	2619567	88.23	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	10.10	184	2091	0.63	ng	Qvalue # 72

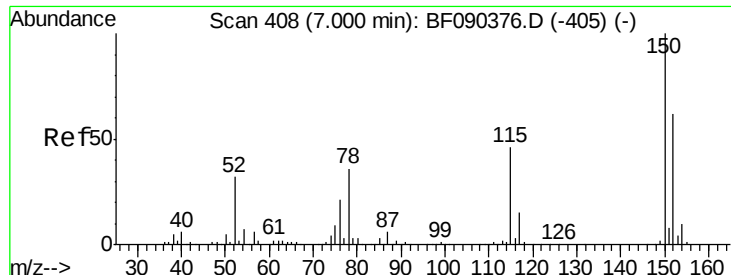
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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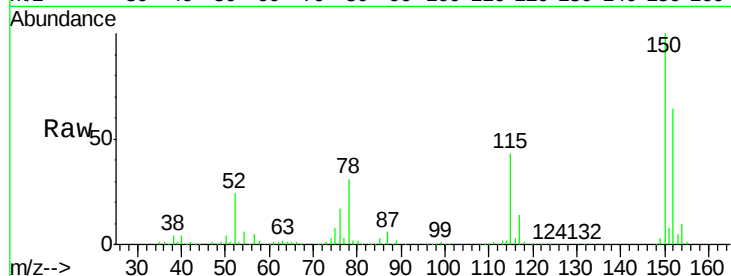




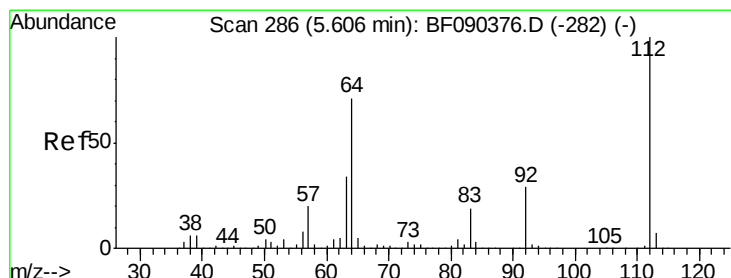
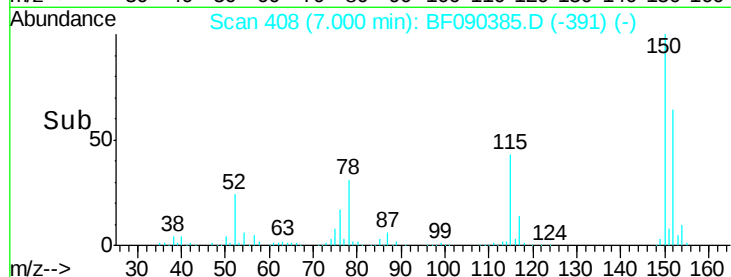
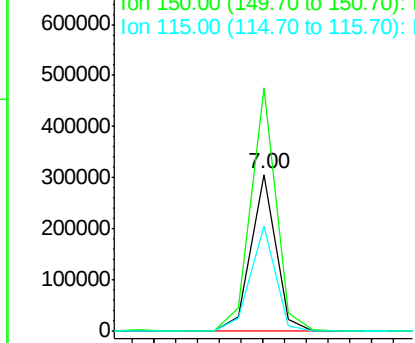
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090385.D
 Acq: 5 Oct 2016 16:57

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01-QT4

Tot Ion:152 Resp: 245249
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 66.8 46.2 69.4

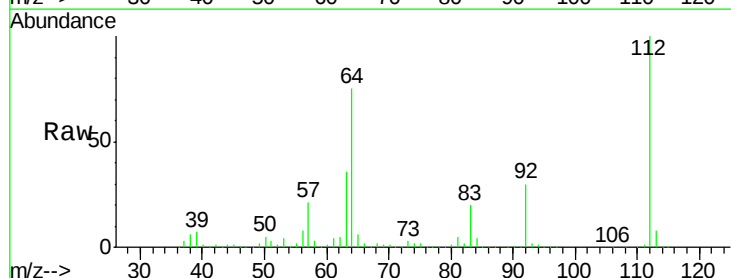


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

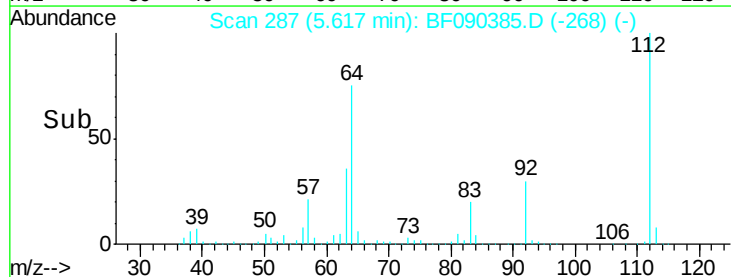
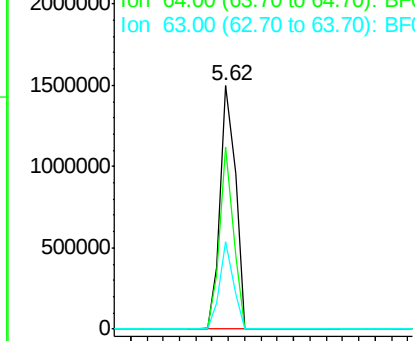


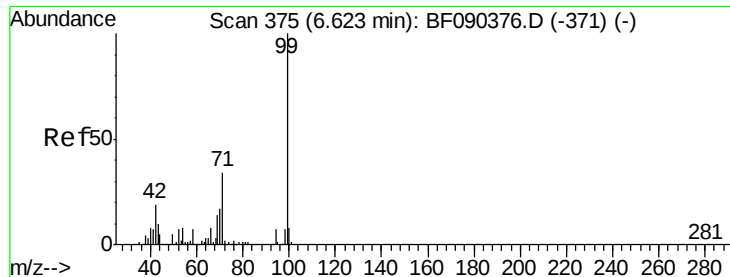
#5
 2-Fluorophenol
 Concen: 118.88 ng
 RT: 5.62 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: BF090385.D
 Acq: 5 Oct 2016 16:57

Tgt Ion:112 Resp: 1953541
 Ion Ratio Lower Upper
 112 100
 64 74.8 57.9 86.9
 63 36.0 29.6 44.4



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: 105.67 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

Instrument :

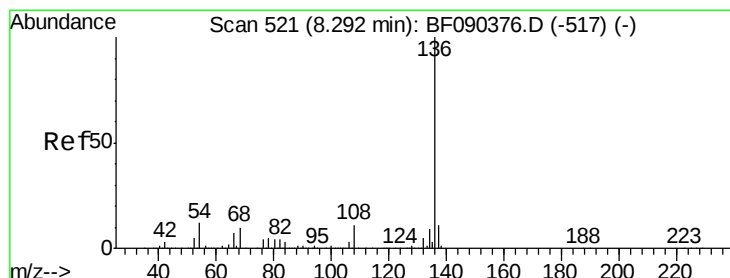
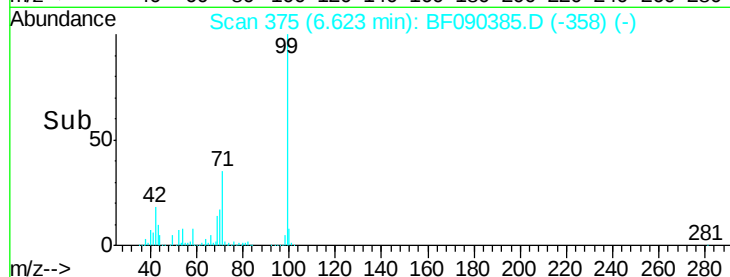
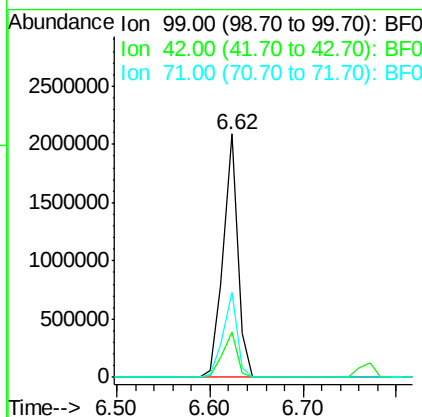
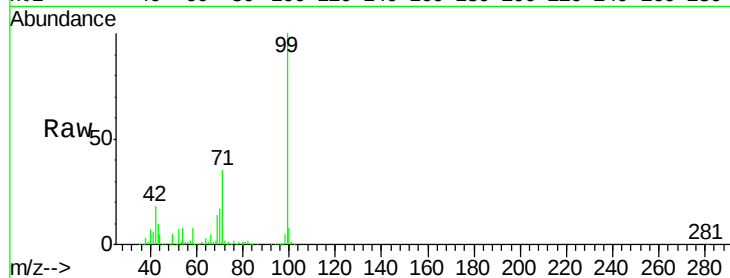
BNA_F

ClientSampleId :

LOD-SOIL2016-01-QT4

Tot Ion: 99 Resp: 2274337

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.0	30.0#
71	34.9	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

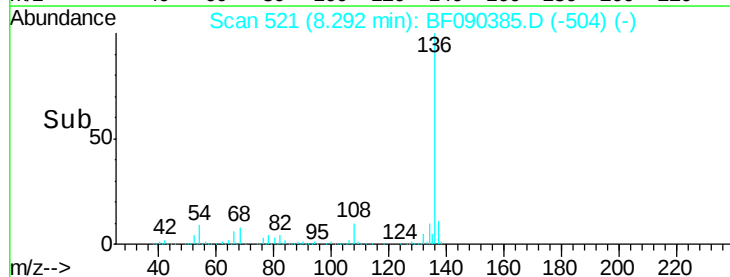
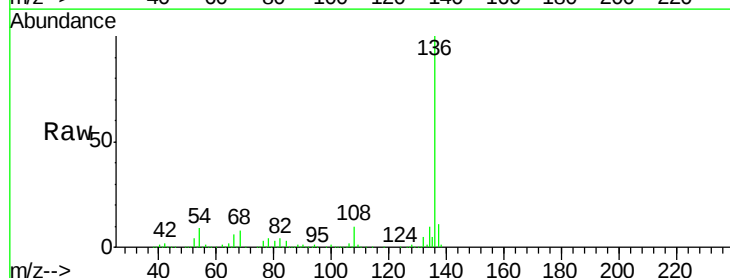
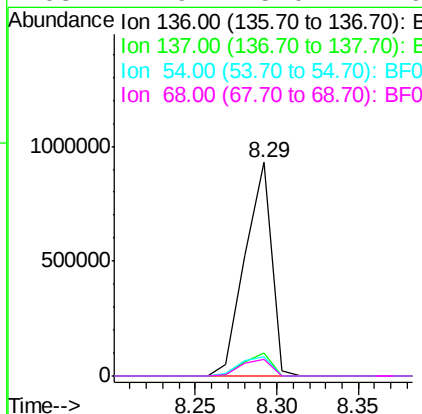
Delta R.T. -0.00 min

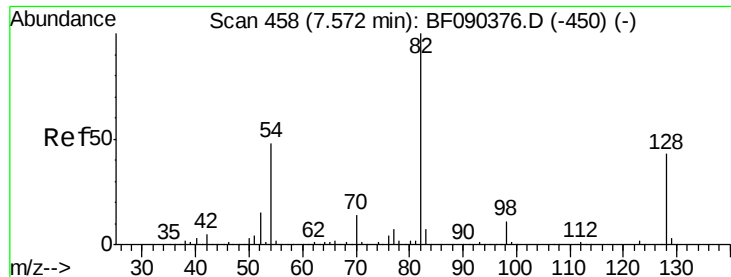
Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

Tgt Ion: 136 Resp: 1045850

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	6.6	10.0
68	7.9	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 74.80 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01-QT4

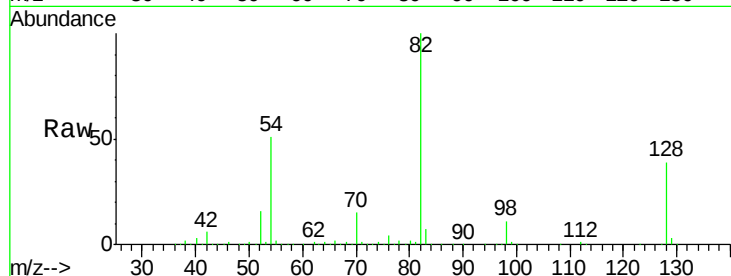
Tot Ion: 82 Resp: 1608335

Ion Ratio Lower Upper

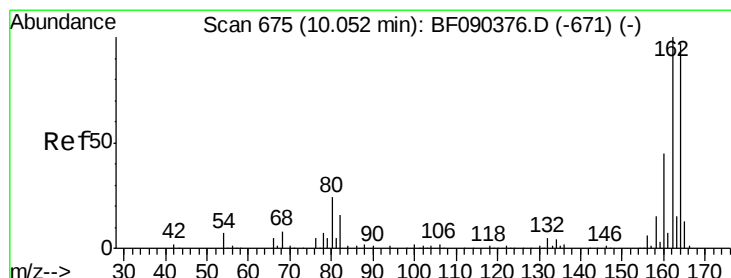
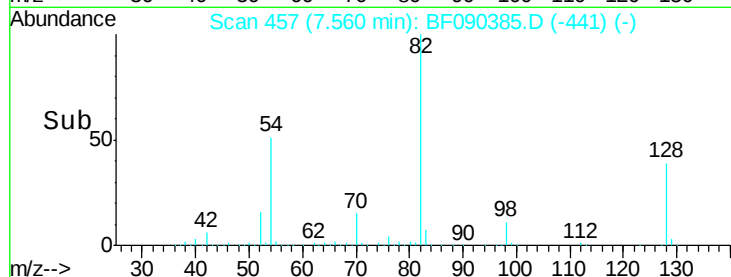
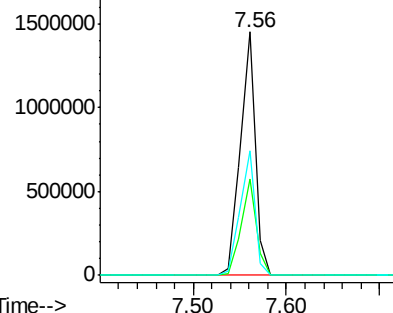
82 100

128 39.5 40.0 60.0#

54 51.2 42.6 64.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

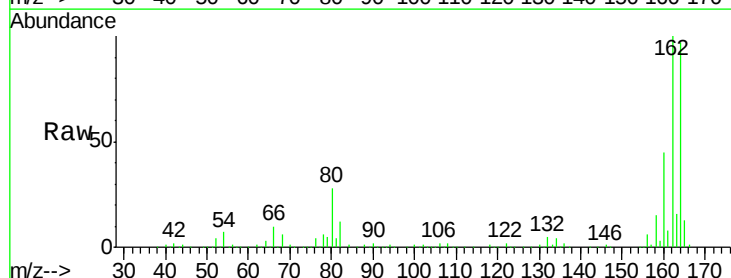
Tgt Ion:164 Resp: 523618

Ion Ratio Lower Upper

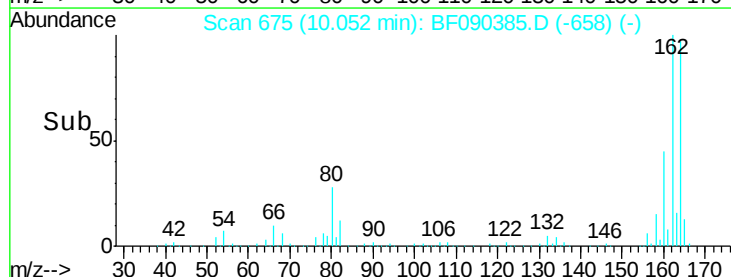
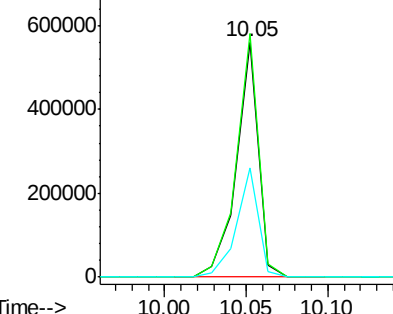
164 100

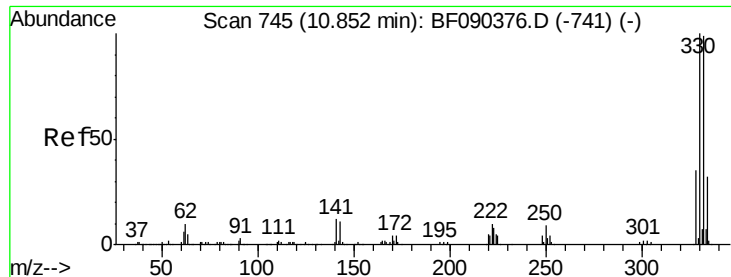
162 103.5 80.1 120.1

160 46.5 36.3 54.5



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

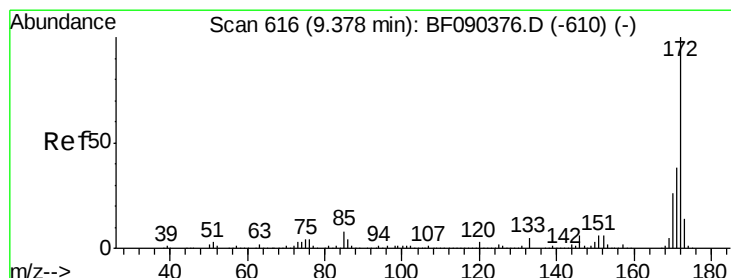
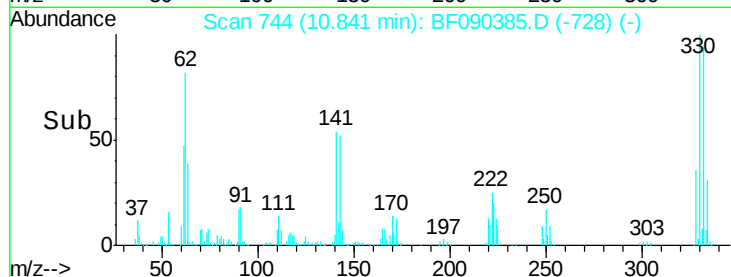
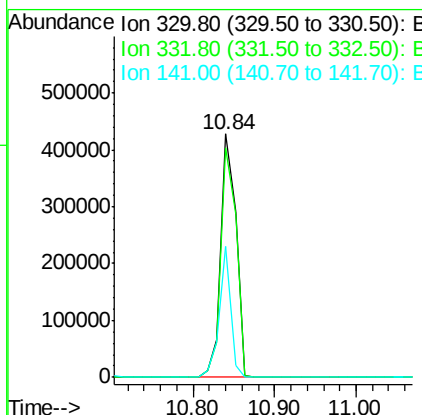
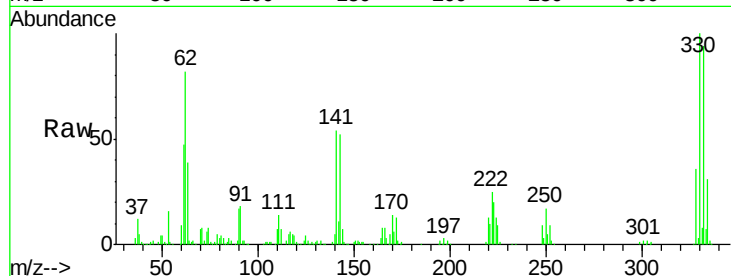




#41
 2,4,6-Tribromophenol
 Concen: 129.90 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090385.D
 Acq: 5 Oct 2016 16:57

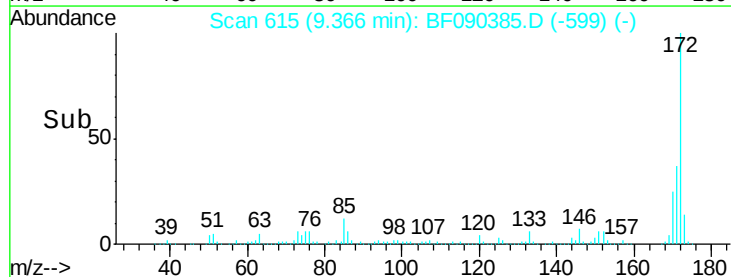
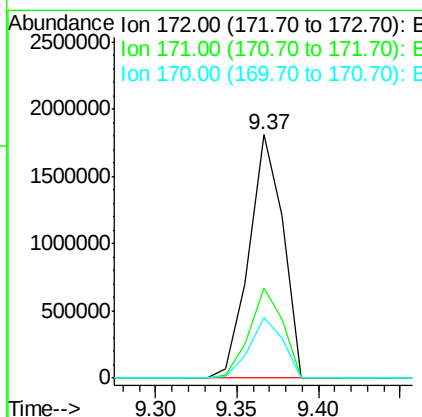
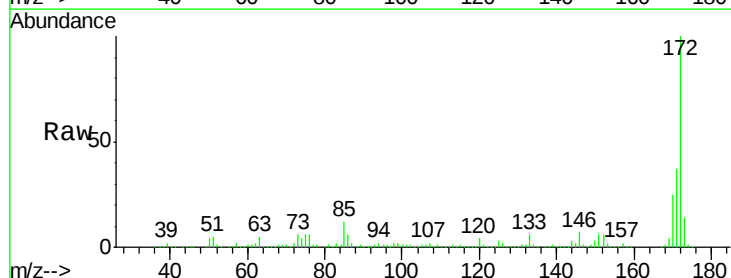
Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01-QT4

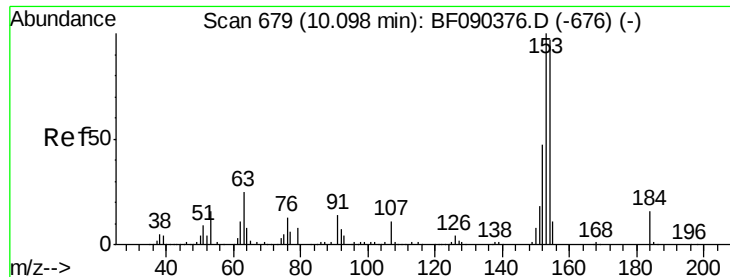
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.0
141	41.0	26.9	40.3#



#44
 2-Fluorobiphenyl
 Concen: 82.87 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090385.D
 Acq: 5 Oct 2016 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.8
170	24.9	21.7	32.5

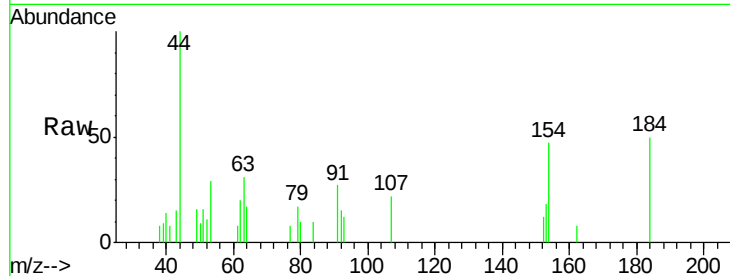




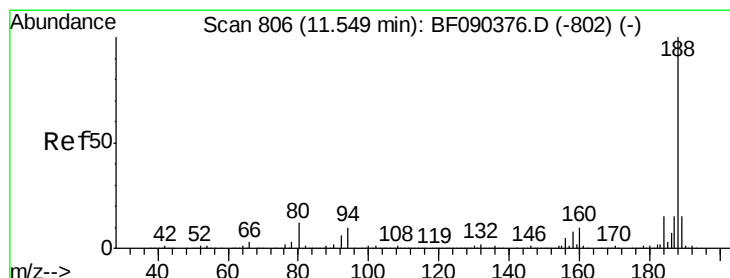
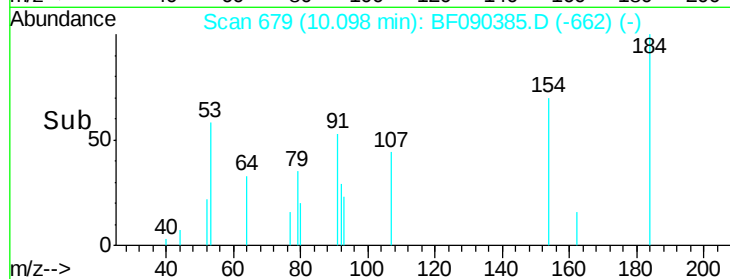
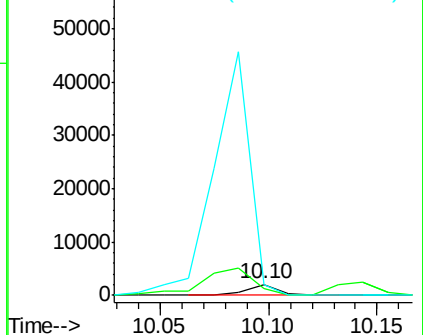
#53
2,4-Dinitrophenol
Concen: 0.63 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090385.D
Acq: 5 Oct 2016 16:57

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01-QT4

Tot Ion:184 Resp: 2091
Ion Ratio Lower Upper
184 100
63 61.2 41.9 62.9
154 93.1 48.9 73.3#

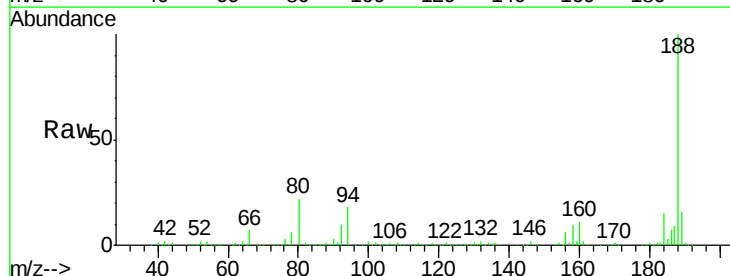


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

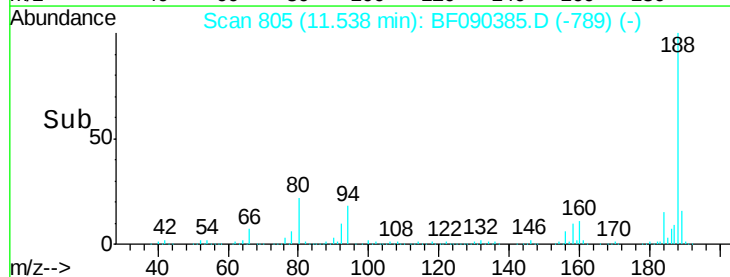
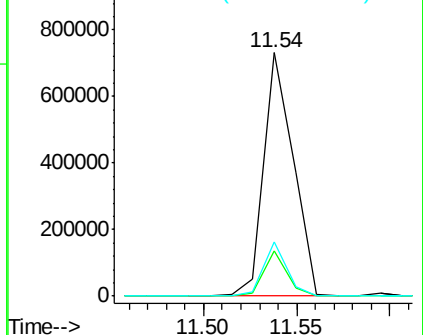


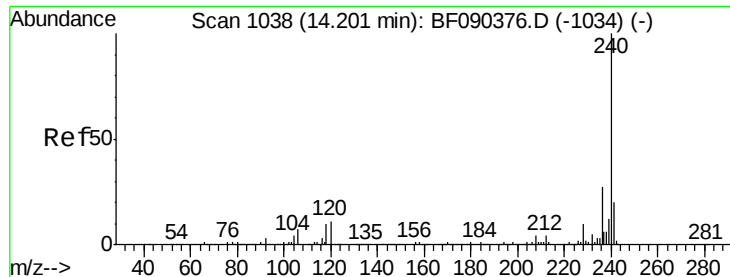
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090385.D
Acq: 5 Oct 2016 16:57

Tgt Ion:188 Resp: 795924
Ion Ratio Lower Upper
188 100
94 18.3 8.2 12.2#
80 22.1 8.8 13.2#



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01-QT4

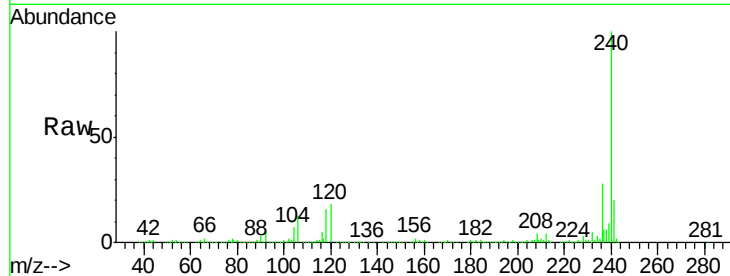
Tot Ion:240 Resp: 667466

Ion Ratio Lower Upper

240 100

120 18.0 8.6 13.0#

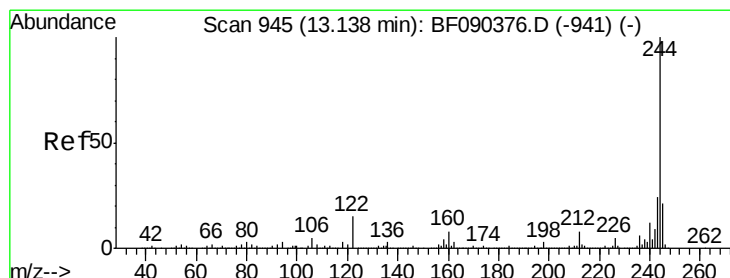
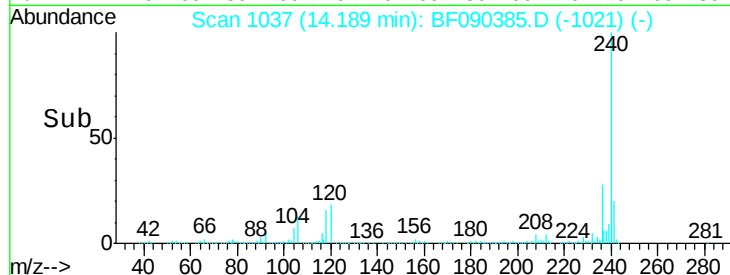
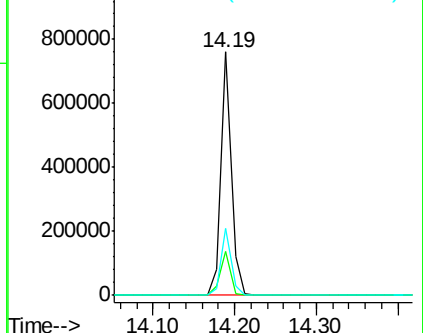
236 27.5 21.6 32.4



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: 88.23 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090385.D

Acq: 5 Oct 2016 16:57

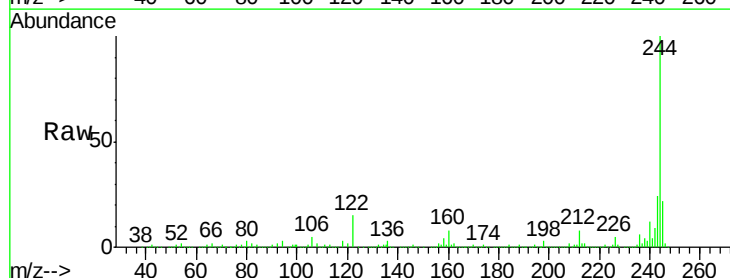
Tgt Ion:244 Resp: 2619567

Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

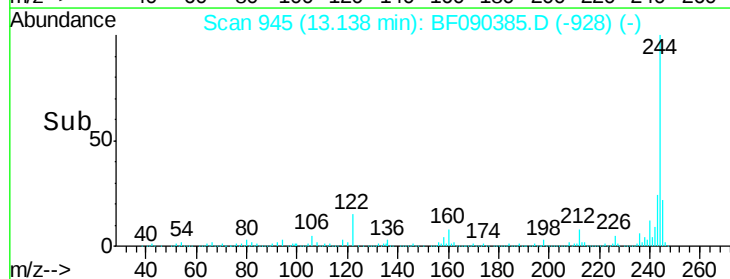
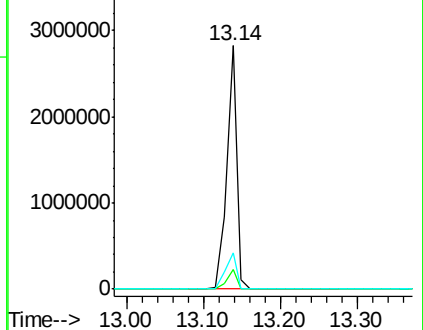
122 15.1 13.3 19.9

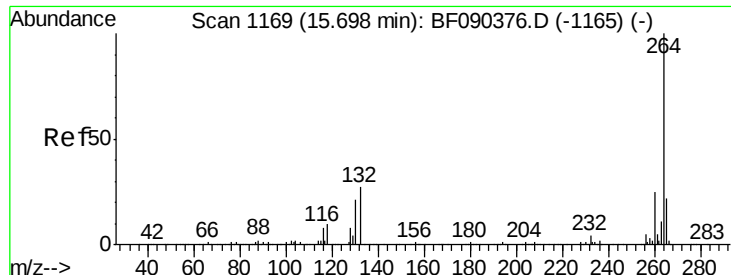


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

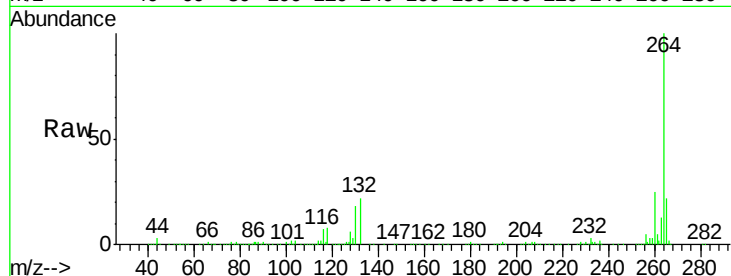




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090385.D
Acq: 5 Oct 2016 16:57

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01-QT4

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.9	17.4	26.0



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

