

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084196.D
 Acq On : 31 Dec 2015 15:52
 Operator : UM/SJ
 Sample : G4825-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Quant Time: Jan 02 03:41:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

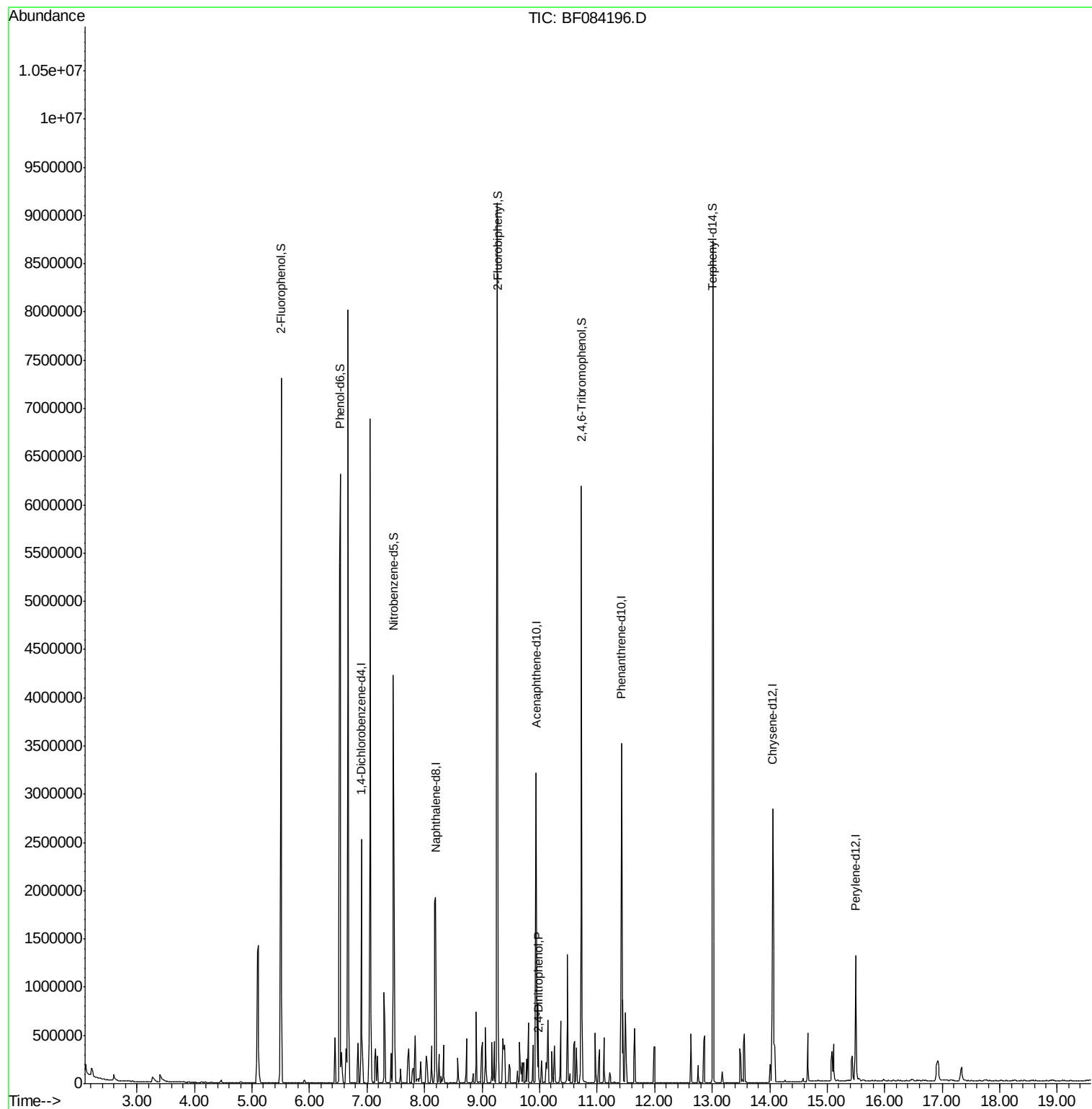
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	322708	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1292798	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	612961	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	1180587	20.00	ng	0.00
75) Chrysene-d12	14.05	240	858536	20.00	ng	-0.01
86) Perylene-d12	15.49	264	646676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1980840	99.28	ng	0.01
7) Phenol-d6	6.53	99	2941655	117.40	ng	0.00
23) Nitrobenzene-d5	7.46	82	1689015	72.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	638819	103.23	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2681303	76.30	ng	0.00
78) Terphenyl-d14	13.01	244	2631492	68.42	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	9.98	184	2422	4.12	ng	# 1

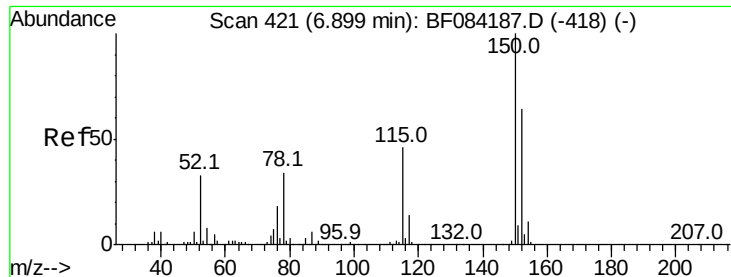
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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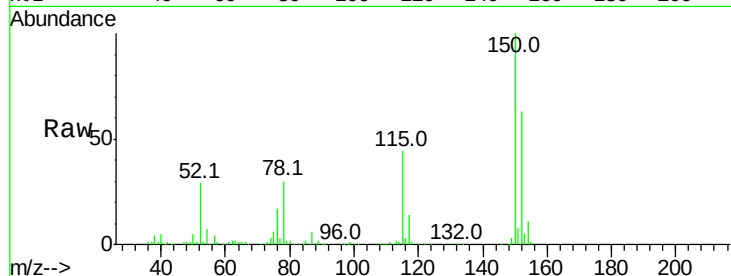


#1

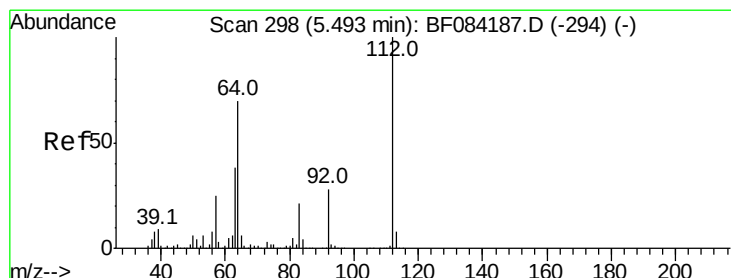
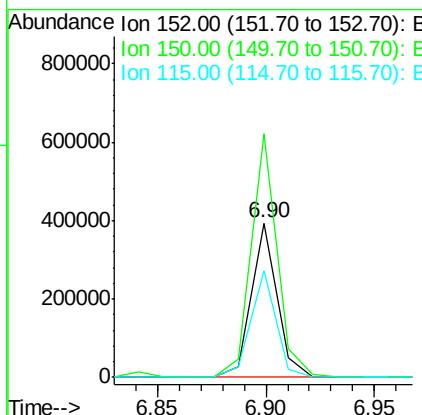
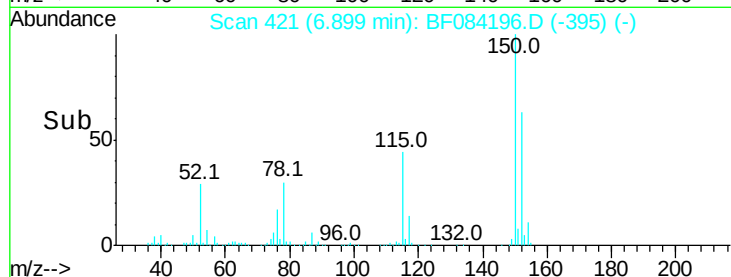
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084196.D
Acq: 31 Dec 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:152 Resp: 322708
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.4
115 69.0 51.4 77.2



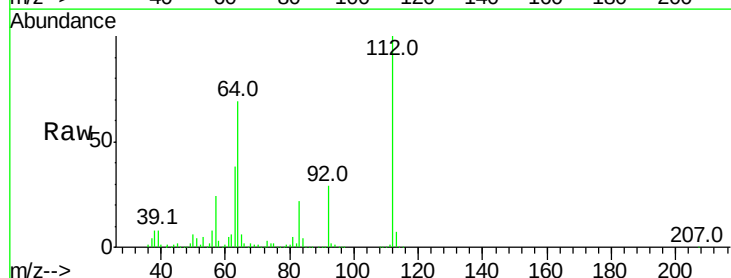
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



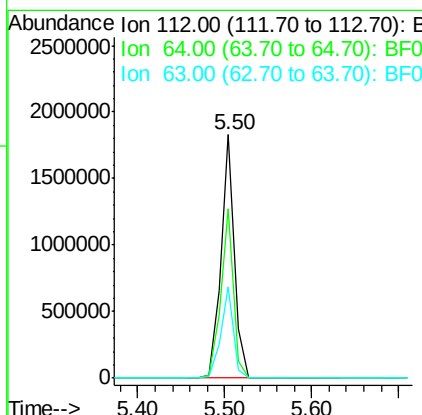
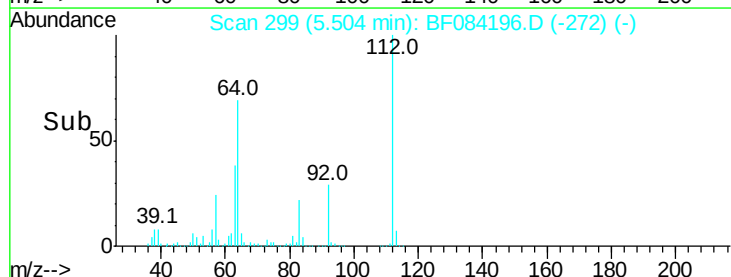
#5

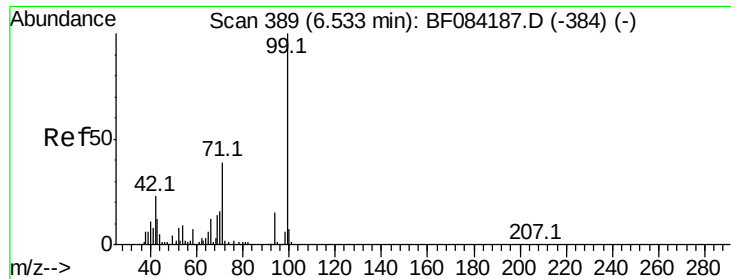
2-Fluorophenol
Concen: 99.28 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084196.D
Acq: 31 Dec 2015 15:52

Tgt Ion:112 Resp: 1980840
Ion Ratio Lower Upper
112 100
64 69.5 36.6 55.0#
63 37.6 19.4 29.0#



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: 117.40 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084196.D

Acq: 31 Dec 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01

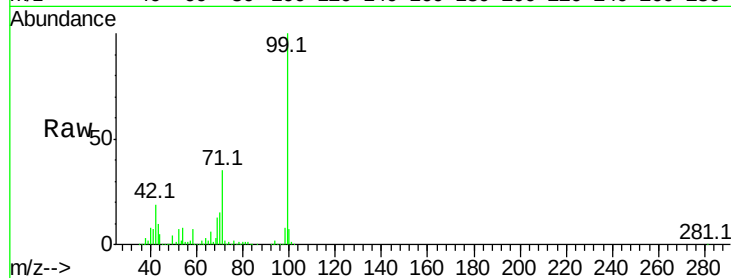
Tot Ion: 99 Resp: 2941655

Ion Ratio Lower Upper

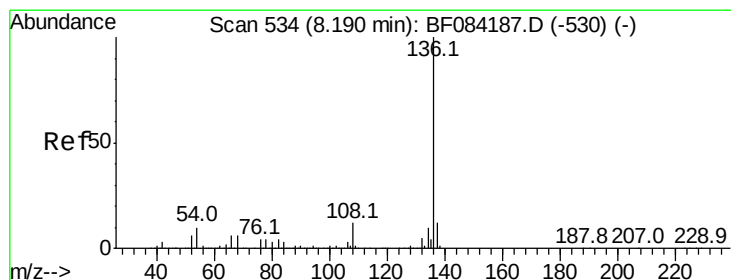
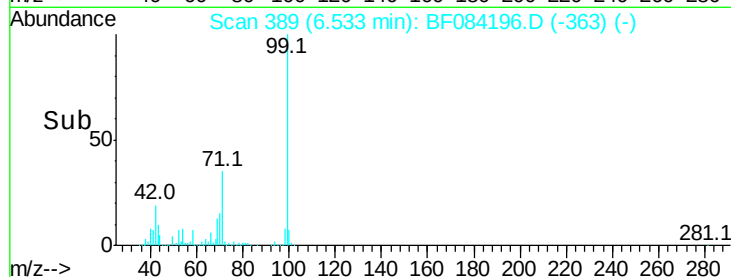
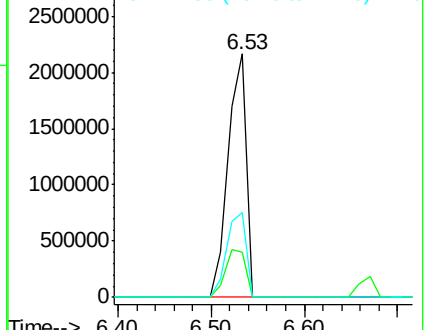
99 100

42 18.8 12.8 19.2

71 35.0 30.9 46.3



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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084196.D

Acq: 31 Dec 2015 15:52

Tgt Ion:136 Resp: 1292798

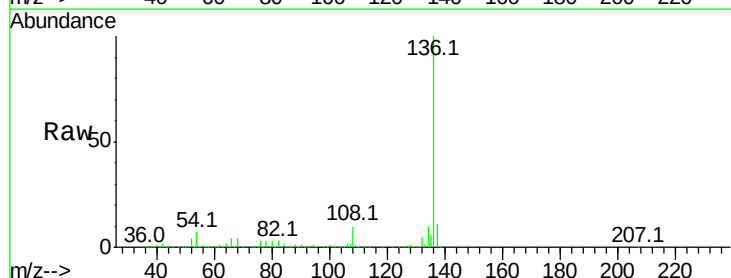
Ion Ratio Lower Upper

136 100

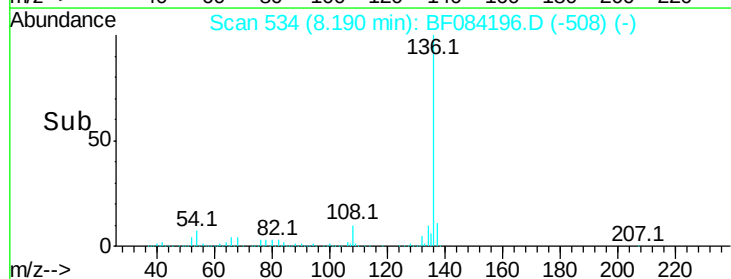
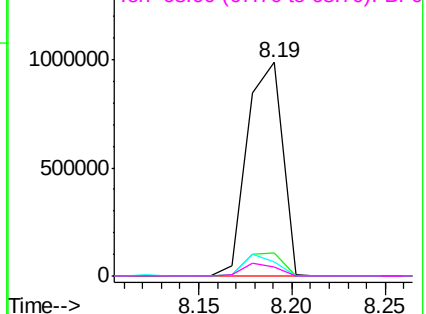
137 10.9 8.7 13.1

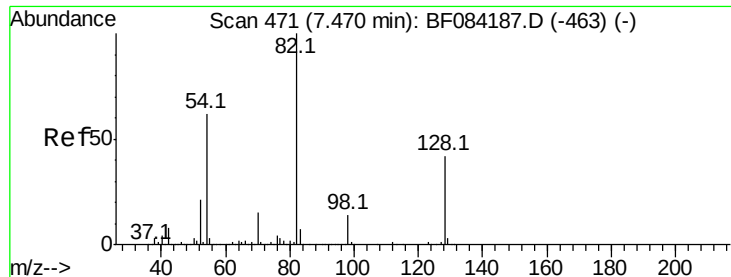
54 6.6 5.8 8.8

68 4.0 4.2 6.2#



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

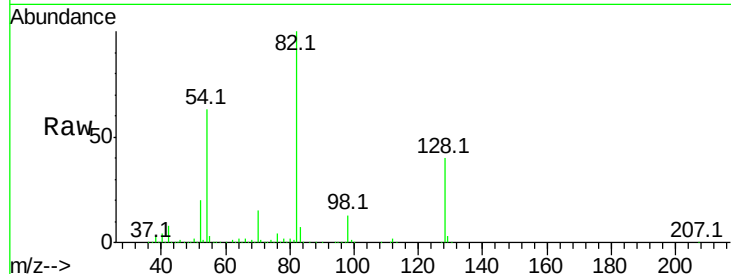




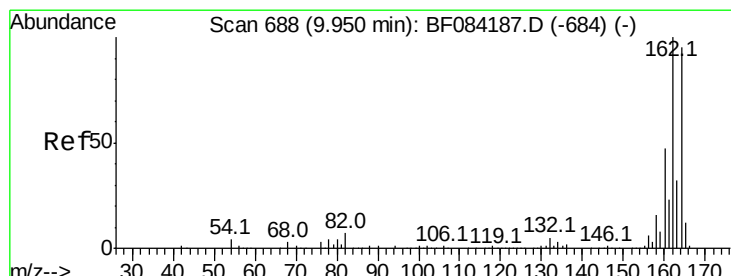
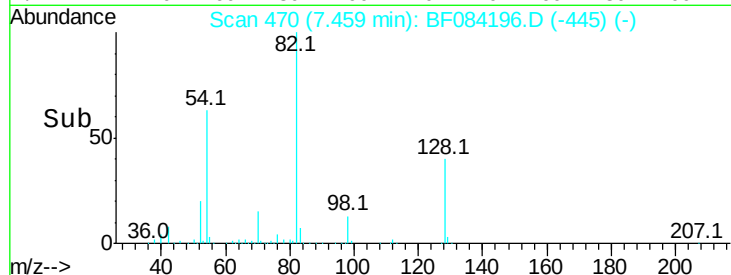
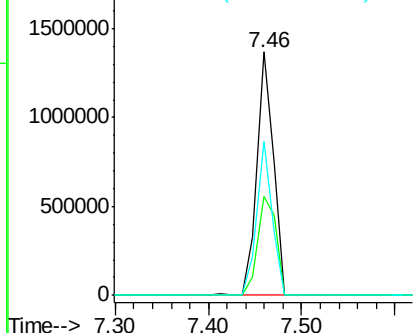
#23
 Nitrobenzene-d5
 Concen: 72.71 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084196.D
 Acq: 31 Dec 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion: 82 Resp: 1689015
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 51.8
 54 63.0 38.4 57.6#

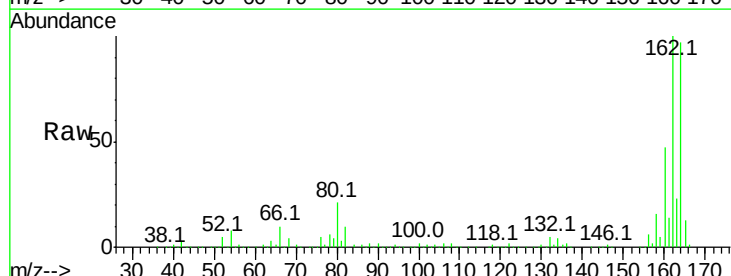


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

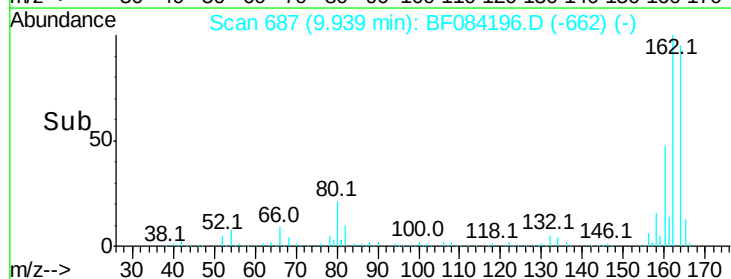
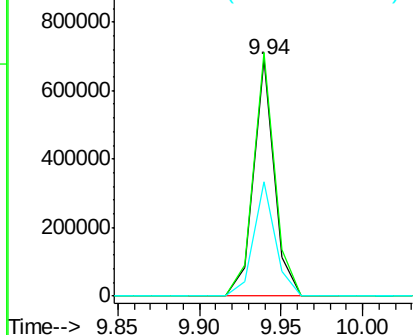


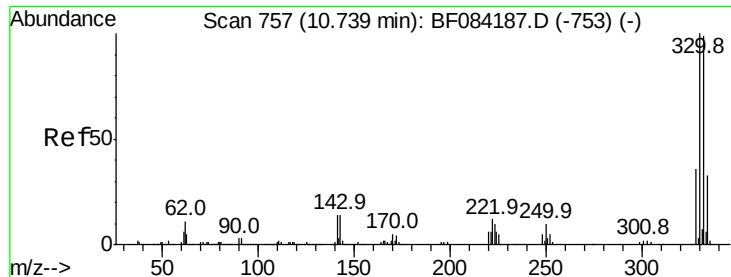
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084196.D
 Acq: 31 Dec 2015 15:52

Tgt Ion:164 Resp: 612961
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 48.5 37.5 56.3



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

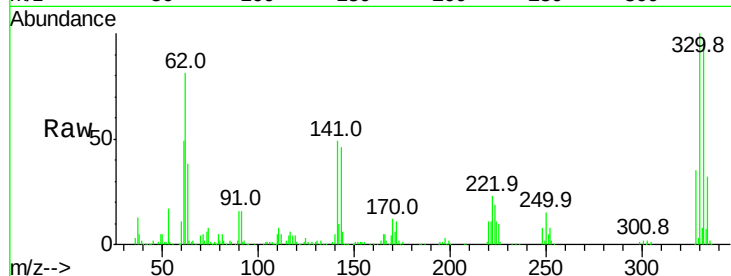




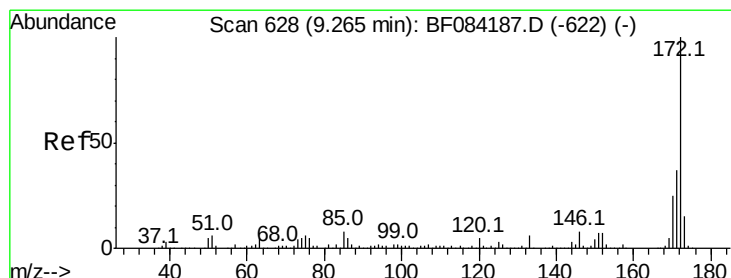
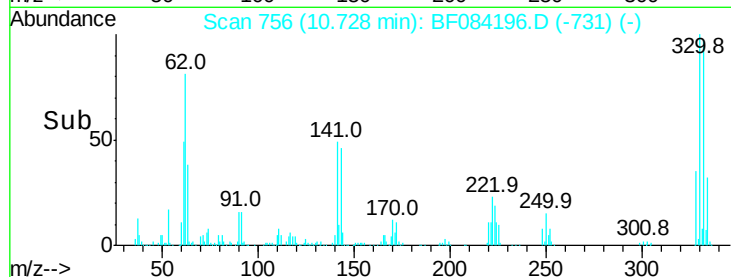
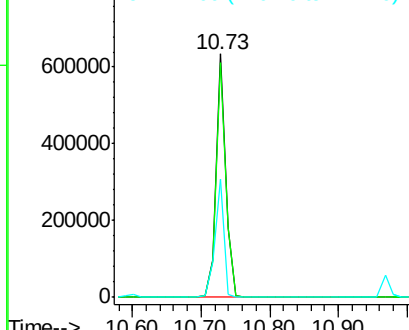
#41
 2,4,6-Tribromophenol
 Concen: 103.23 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084196.D
 Acq: 31 Dec 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2016-01

Tot Ion:330 Resp: 638819
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 45.0 27.8 41.6#

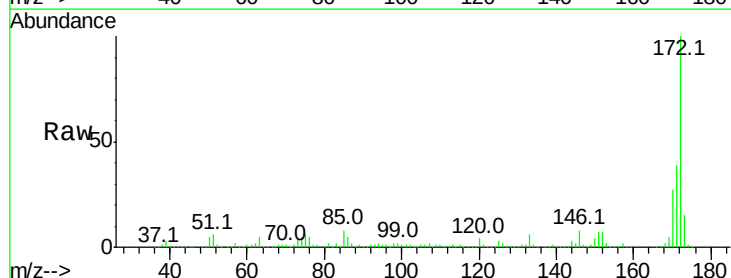


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

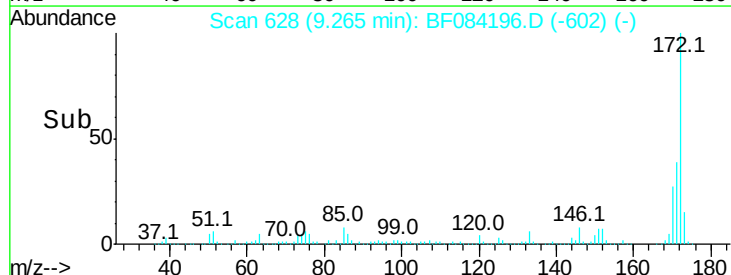
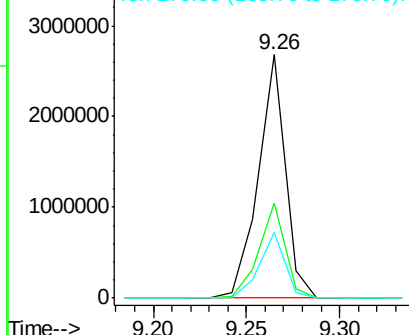


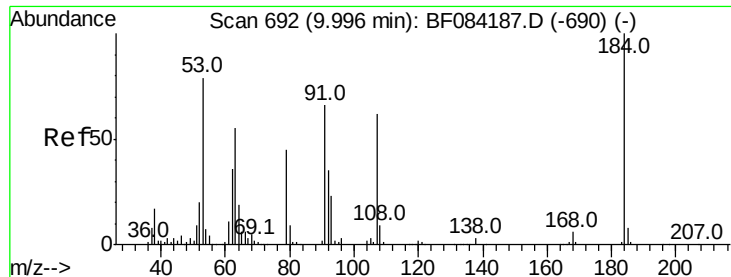
#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084196.D
 Acq: 31 Dec 2015 15:52

Tgt Ion:172 Resp: 2681303
 Ion Ratio Lower Upper
 172 100
 171 38.9 28.9 43.3
 170 27.0 18.6 27.8



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

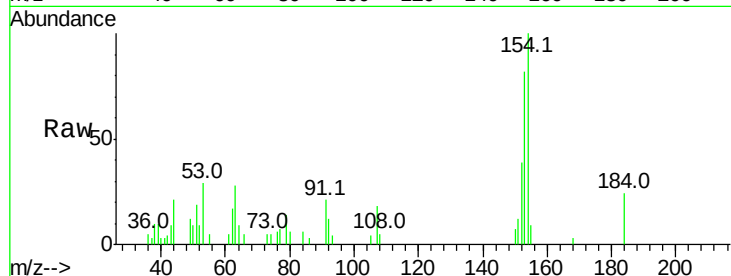




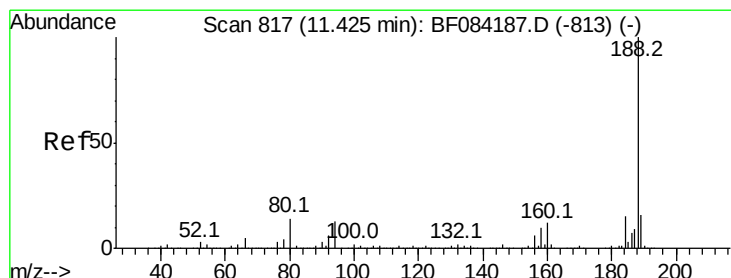
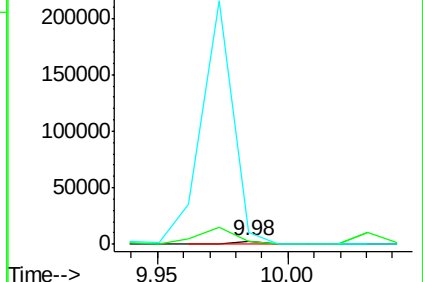
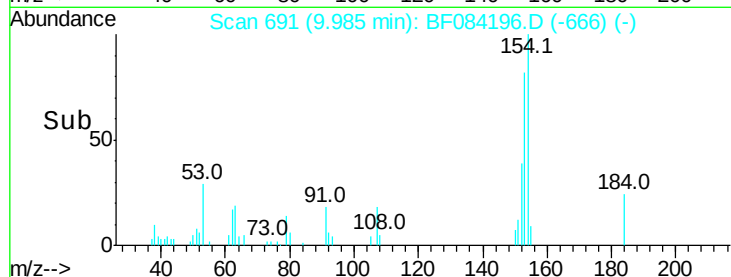
#53
2,4-Dinitrophenol
Concen: 4.12 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF084196.D
Acq: 31 Dec 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:184 Resp: 2422
Ion Ratio Lower Upper
184 100
63 117.2 43.1 64.7#
154 418.8 60.5 90.7#

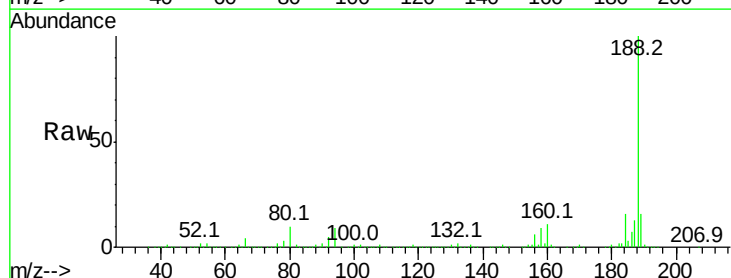


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

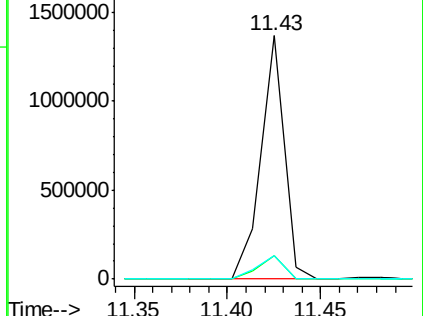
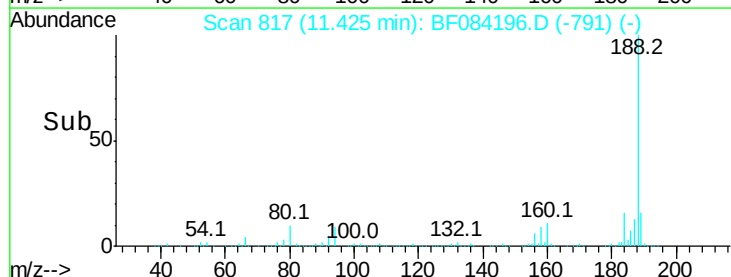


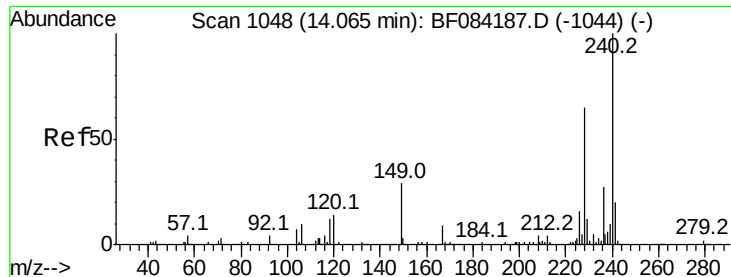
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084196.D
Acq: 31 Dec 2015 15:52

Tgt Ion:188 Resp: 1180587
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.8 9.6 14.4



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084196.D

Acq: 31 Dec 2015 15:52

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2016-01

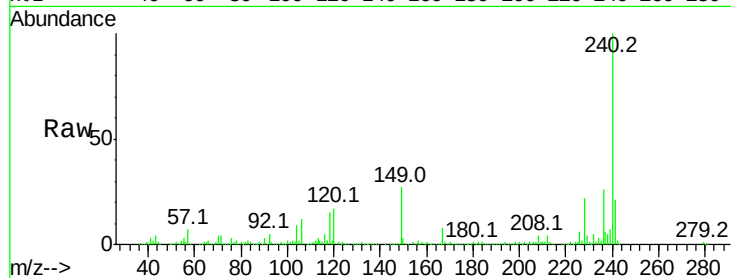
Tot Ion:240 Resp: 858536

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

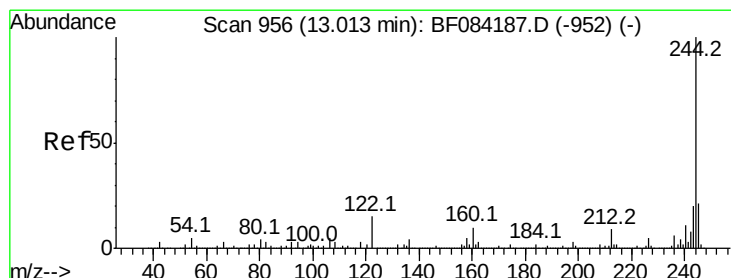
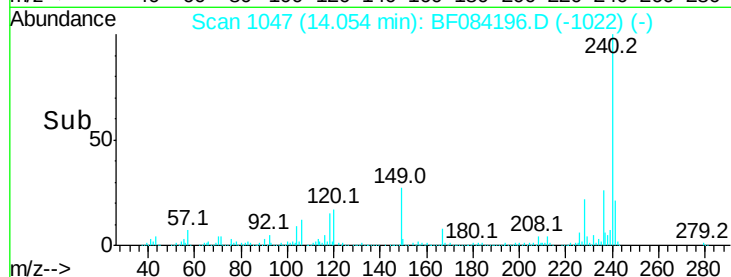
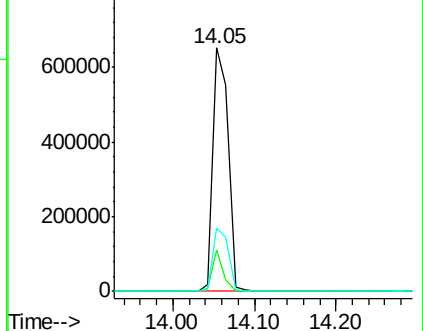
236 26.2 20.6 31.0



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: 68.42 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084196.D

Acq: 31 Dec 2015 15:52

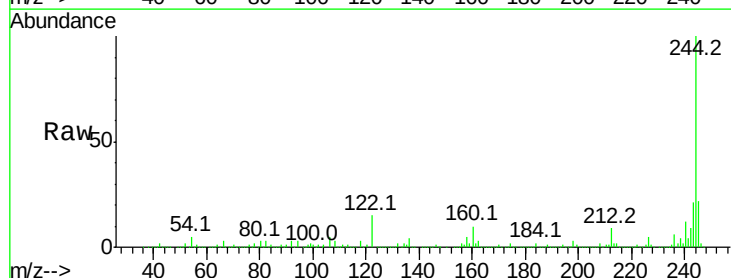
Tgt Ion:244 Resp: 2631492

Ion Ratio Lower Upper

244 100

212 8.6 5.7 8.5#

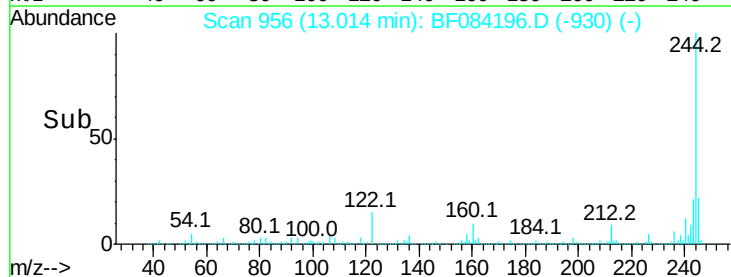
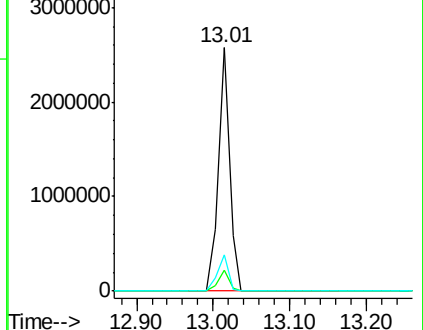
122 14.8 7.4 11.0#

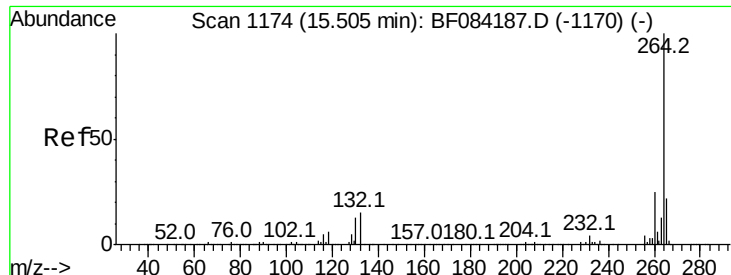


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

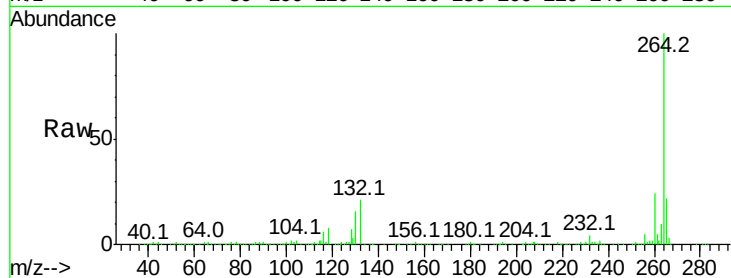




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084196.D
Acq: 31 Dec 2015 15:52

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	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

