

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081939.D
 Acq On : 1 Oct 2015 15:08
 Operator : UM/IZ
 Sample : G3707-03
 Misc : LOD 2 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

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Quant Time: Oct 02 04:45:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110787	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	467177	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	221744	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	463700	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	452512	20.00	ng	-0.06
86) Perylene-d12	15.51	264	352583	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	674458	110.51	ng	-0.02
7) Phenol-d6	6.53	99	946977	123.31	ng	-0.03
23) Nitrobenzene-d5	7.46	82	580959	82.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	279204	124.33	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1138964	86.18	ng	-0.05
78) Terphenyl-d14	13.01	244	1196327	85.54	ng	-0.05

Target Compounds Qvalue

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

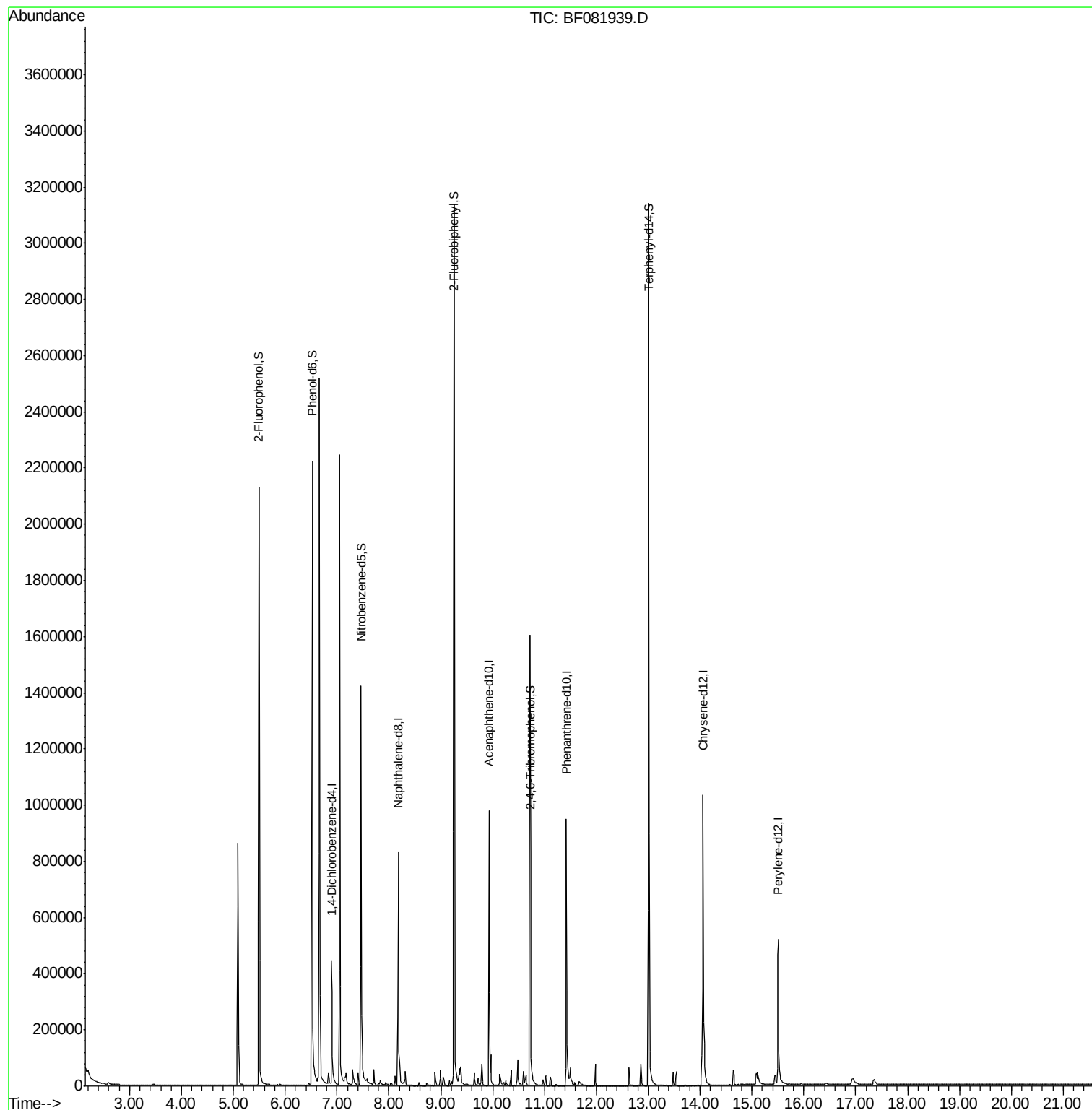
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081939.D
Acq On : 1 Oct 2015 15:08
Operator : UM/IZ
Sample : G3707-03
Misc : LOD 2 PPM
ALS Vial : 10 Sample Multiplier: 1

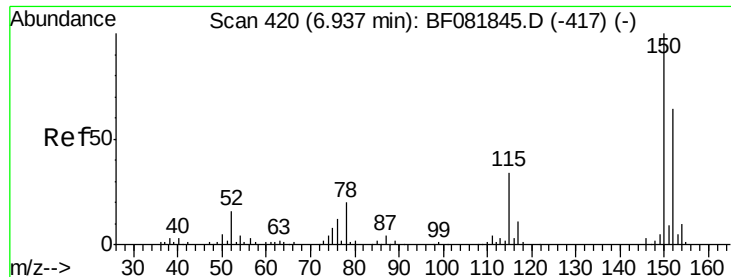
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081939.D

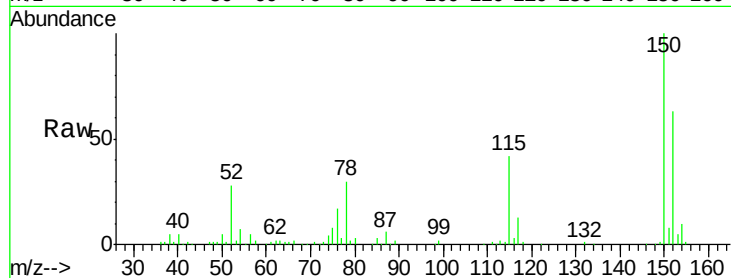
Acq: 1 Oct 2015 15:08

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01



Tgt Ion:152 Resp: 110787

Ion Ratio Lower Upper

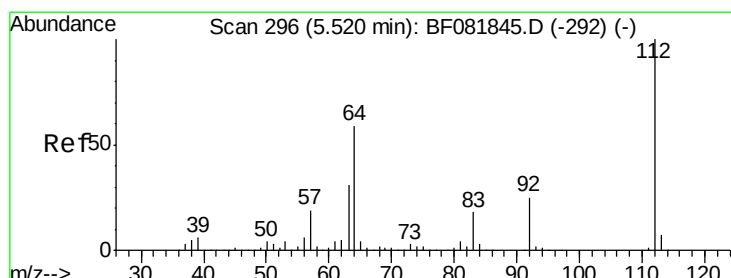
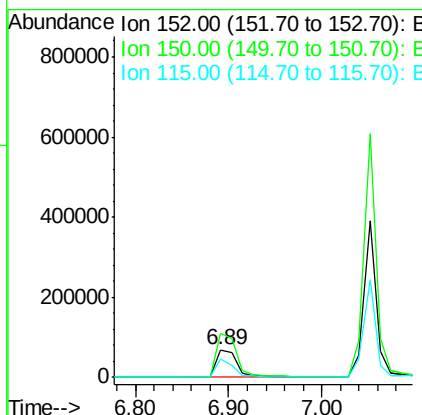
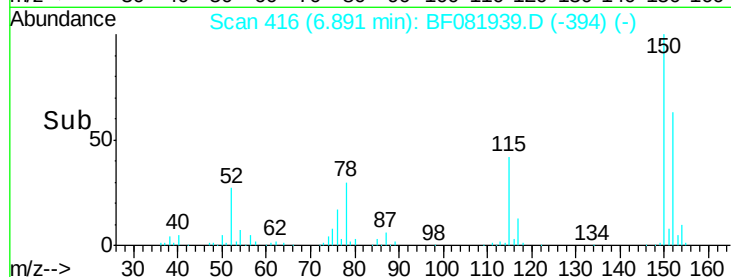
152 100

150 159.4 124.7 187.1

115 67.1 39.0 58.4#

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#5

2-Fluorophenol

Concen: 110.51 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081939.D

Acq: 1 Oct 2015 15:08

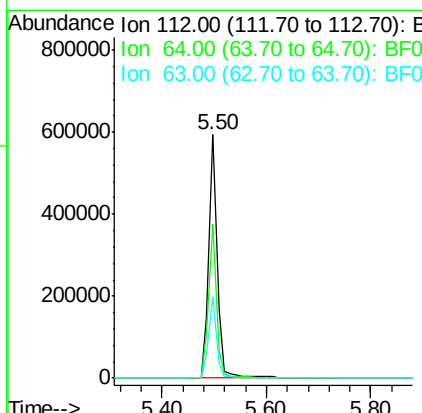
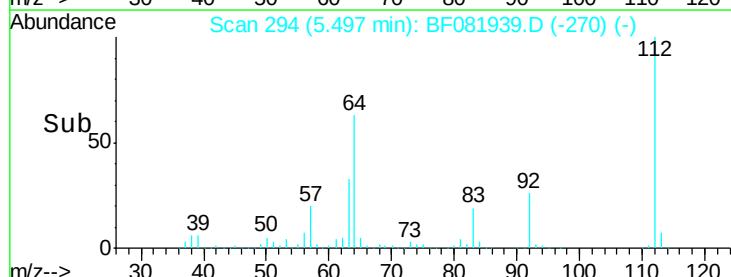
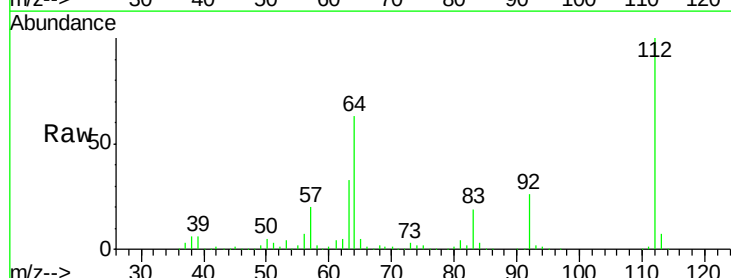
Tgt Ion:112 Resp: 674458

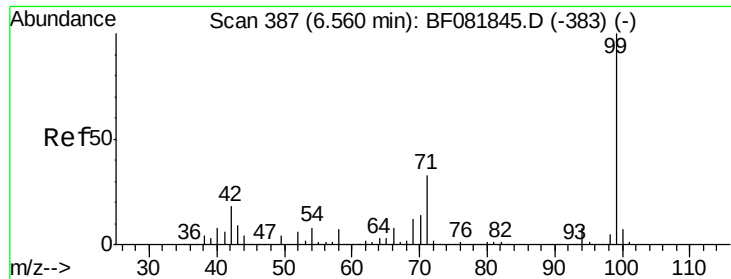
Ion Ratio Lower Upper

112 100

64 63.2 39.7 59.5#

63 33.4 17.4 26.0#





#7

Phenol-d6

Concen: 123.31 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081939.D

Acq: 1 Oct 2015 15:08

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 99 Resp: 946977
Ion Ratio Lower Upper

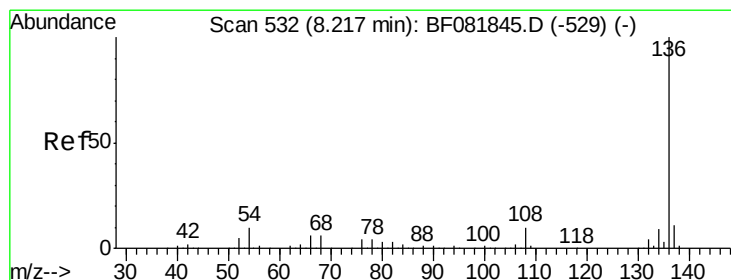
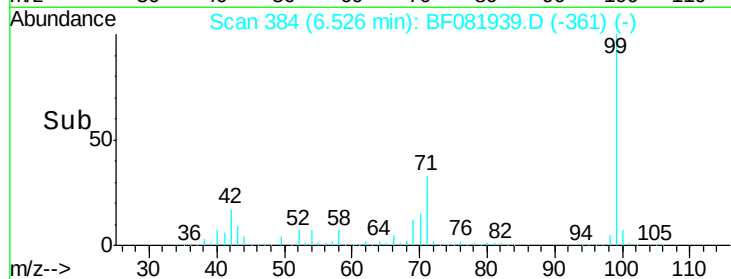
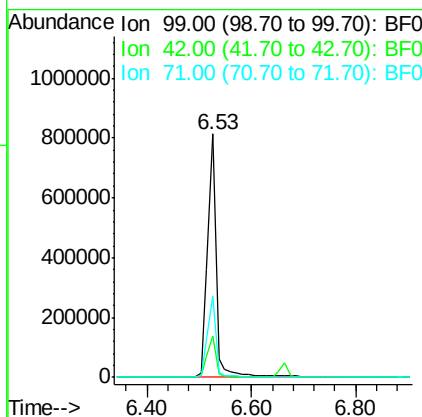
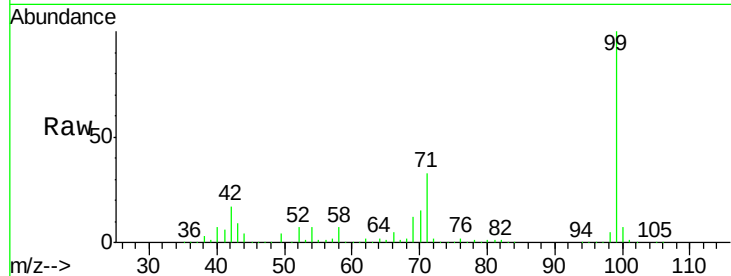
99 100

42 17.1 13.7 20.5

71 33.3 14.2 21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081939.D

Acq: 1 Oct 2015 15:08

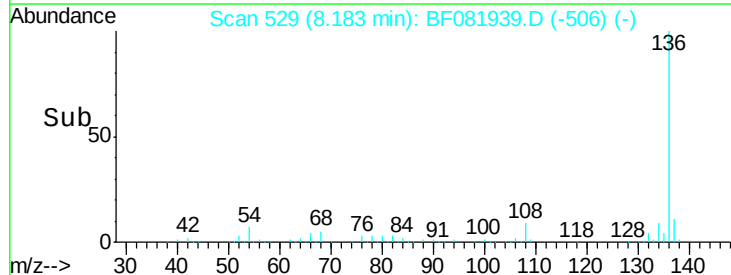
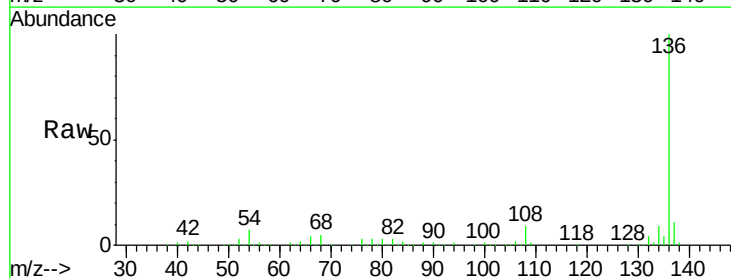
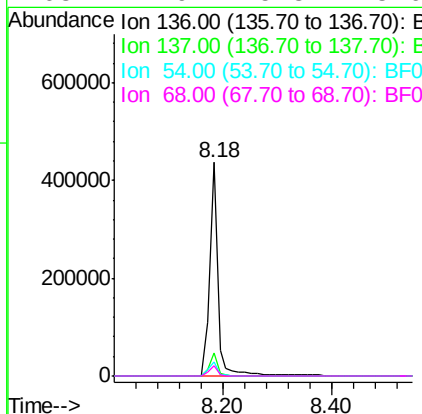
Tgt Ion: 136 Resp: 467177
Ion Ratio Lower Upper

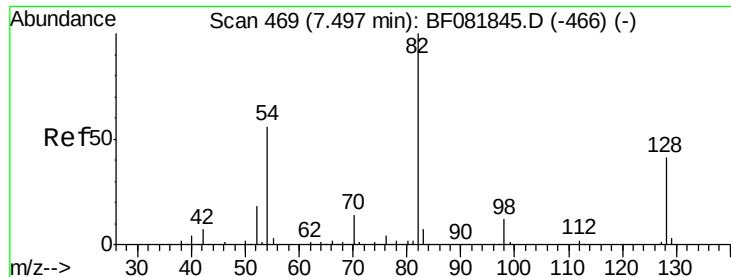
136 100

137 10.6 9.0 13.6

54 6.9 8.2 12.2#

68 4.9 5.8 8.6#





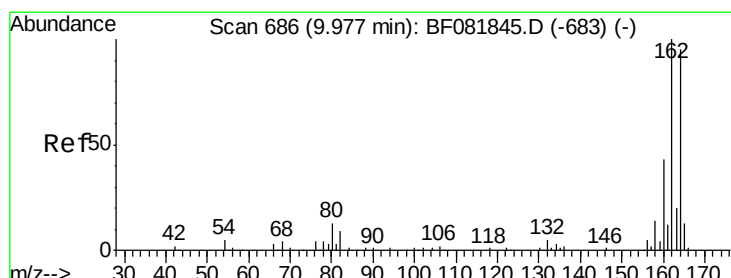
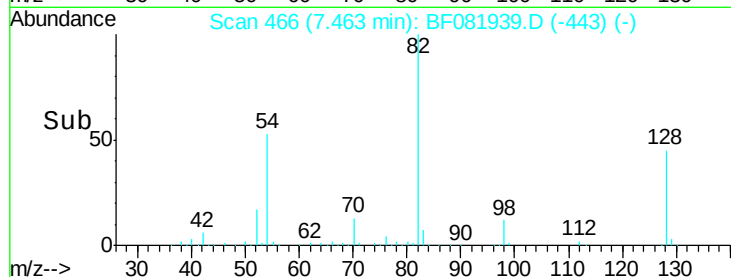
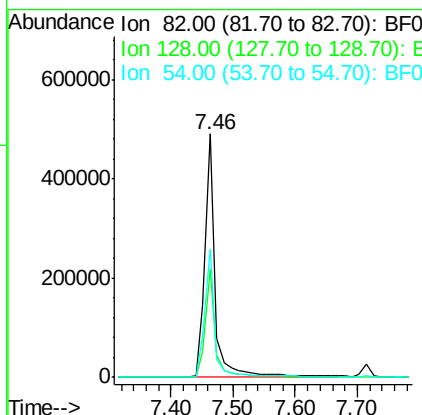
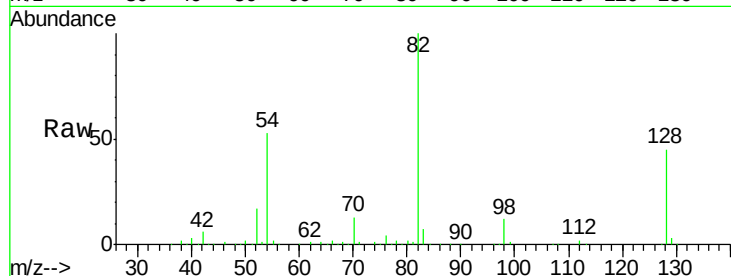
#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	51.0	76.6#
54	52.6	47.5	71.3

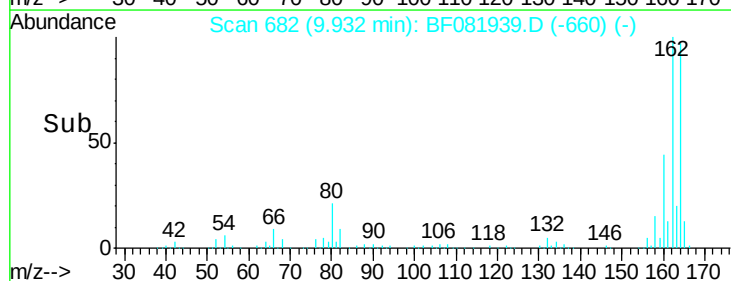
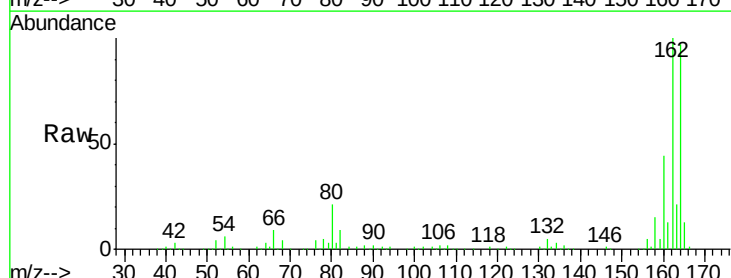
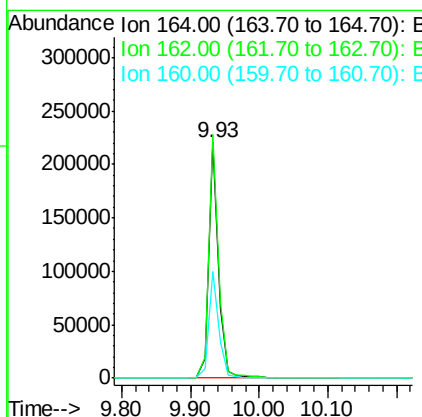
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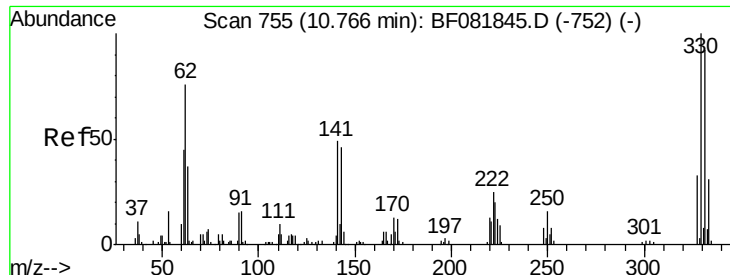
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	75.2	112.8
160	45.5	31.5	47.3





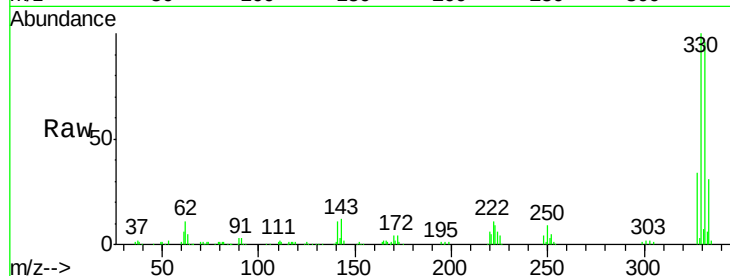
#41
 2,4,6-Tribromophenol
 Concen: 124.33 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

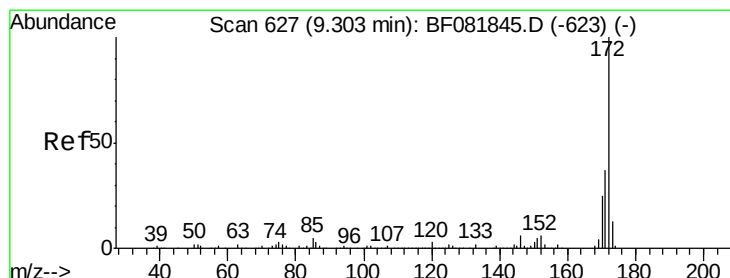
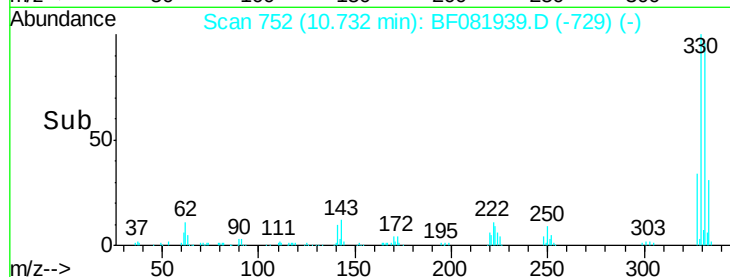
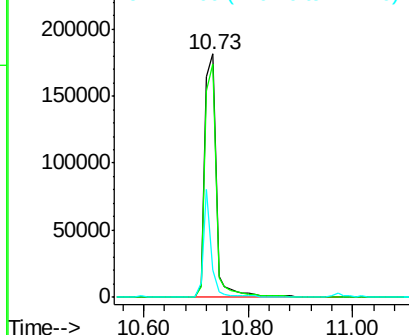
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	279204		
332	95.2	76.6	114.8	
141	31.1	29.7	44.5	

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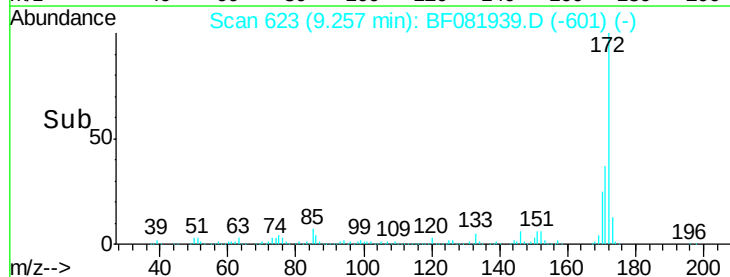
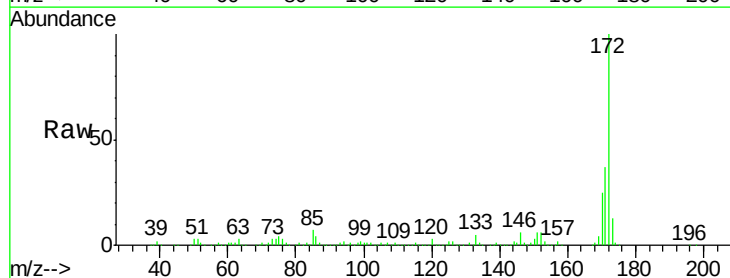
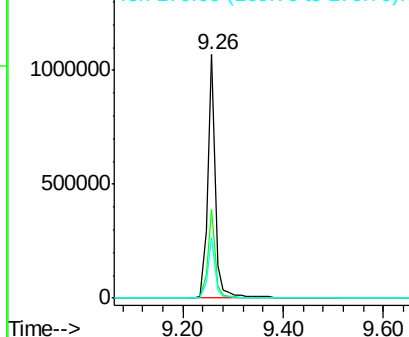
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

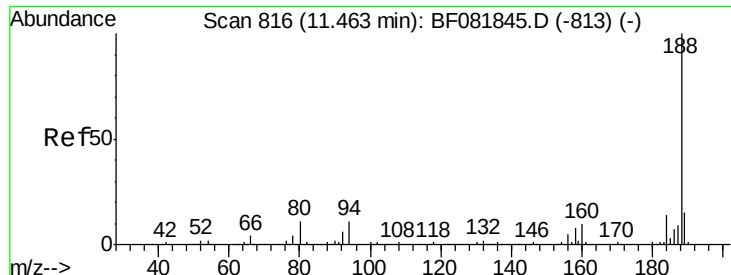


#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1138964		
171	36.7	26.1	39.1	
170	25.0	17.4	26.2	

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





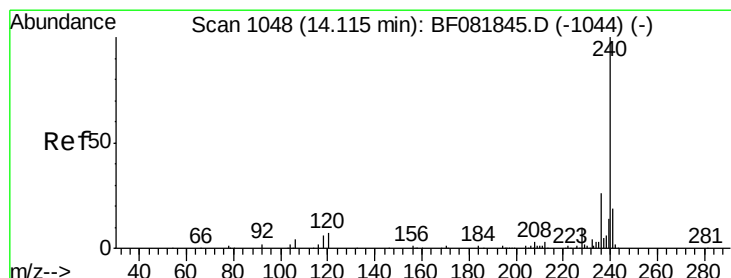
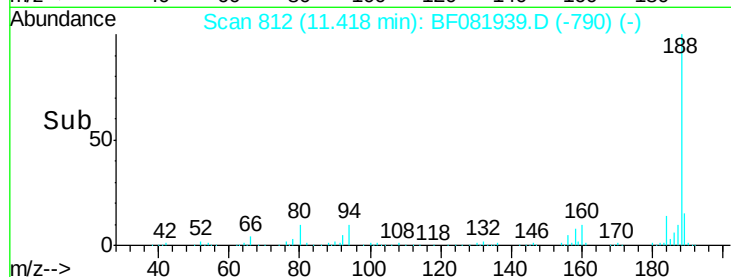
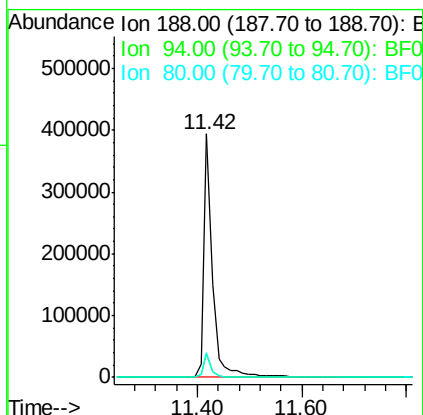
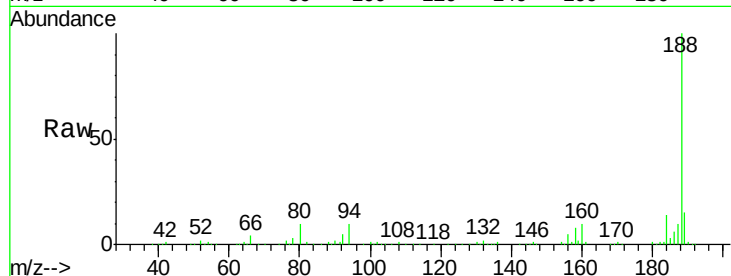
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081939.D
Acq: 1 Oct 2015 15:08

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	463700		
94	9.7	11.1	16.7#	
80	10.4	11.0	16.4#	

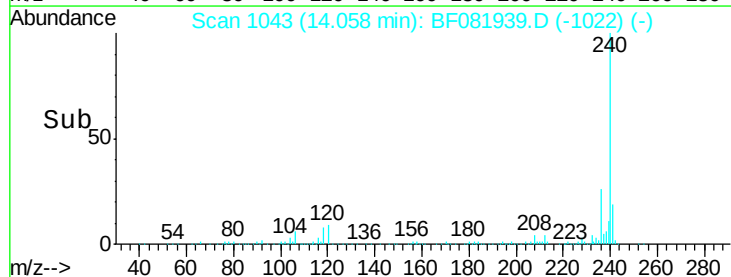
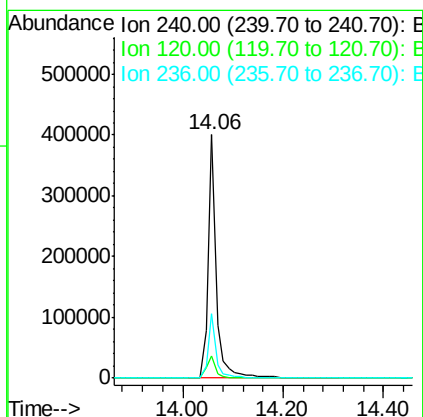
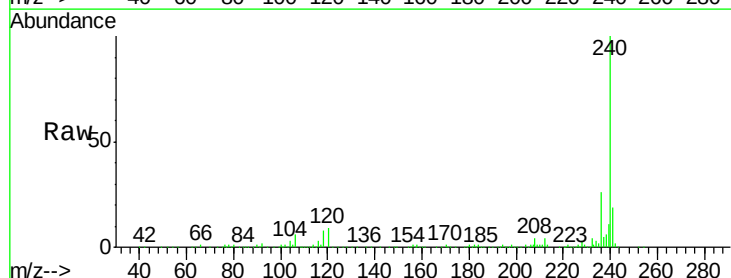
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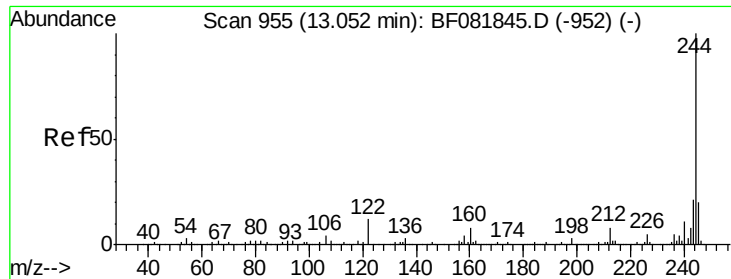
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081939.D
Acq: 1 Oct 2015 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	452512		
120	8.9	16.2	24.2#	
236	26.3	18.4	27.6	





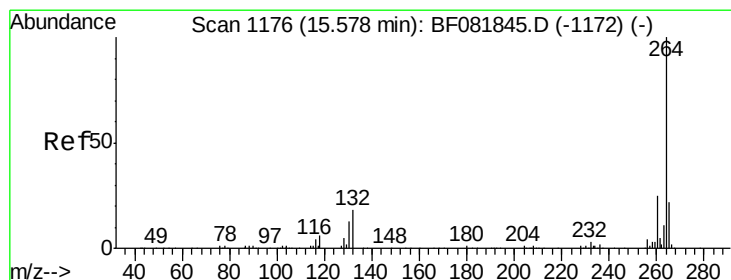
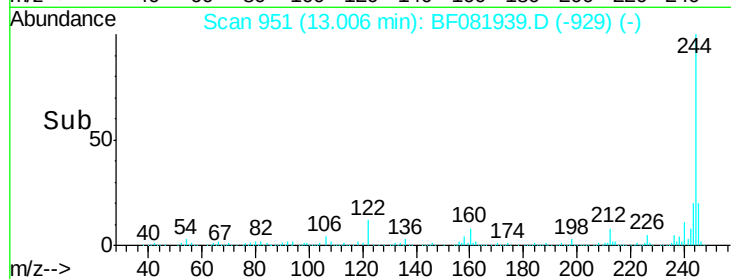
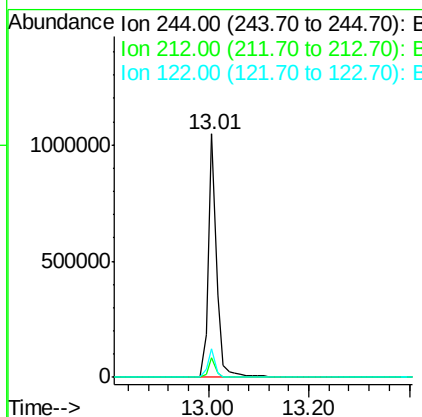
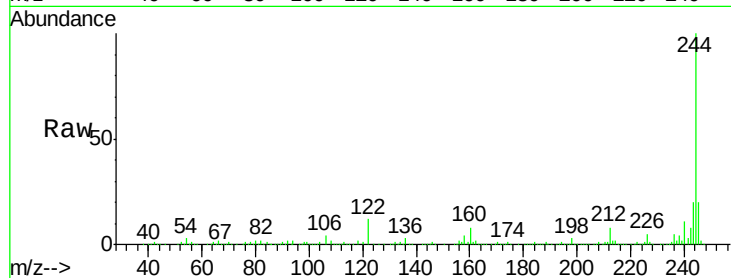
#78
 Terphenyl-d14
 Concen: 85.54 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion:244 Resp: 1196327
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 11.7 17.4 26.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081939.D
 Acq: 1 Oct 2015 15:08

Tgt Ion:264 Resp: 352583
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.3 17.2 25.8

