

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081938.D
 Acq On : 1 Oct 2015 14:38
 Operator : UM/IZ
 Sample : G3707-03
 Misc : LOD 1 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
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Quant Time: Oct 02 05:28:16 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	109528	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	442787	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	218147	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	441147	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	435353	20.00	ng	-0.06
86) Perylene-d12	15.50	264	333154	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	589837	97.76	ng	-0.02
7) Phenol-d6	6.53	99	840241	110.67	ng	-0.03
23) Nitrobenzene-d5	7.46	82	499826	75.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	218645	98.97	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	985134	73.63	ng	-0.05
78) Terphenyl-d14	13.01	244	1062333	76.72	ng	-0.05
Target Compounds						
57) Fluorene	10.48	166	9572	Below Cal		Qvalue 85
70) Phenanthrene	11.44	178	16224	Below Cal		97
73) Di-n-butylphthalate	11.98	149	16235	Below Cal	#	98

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

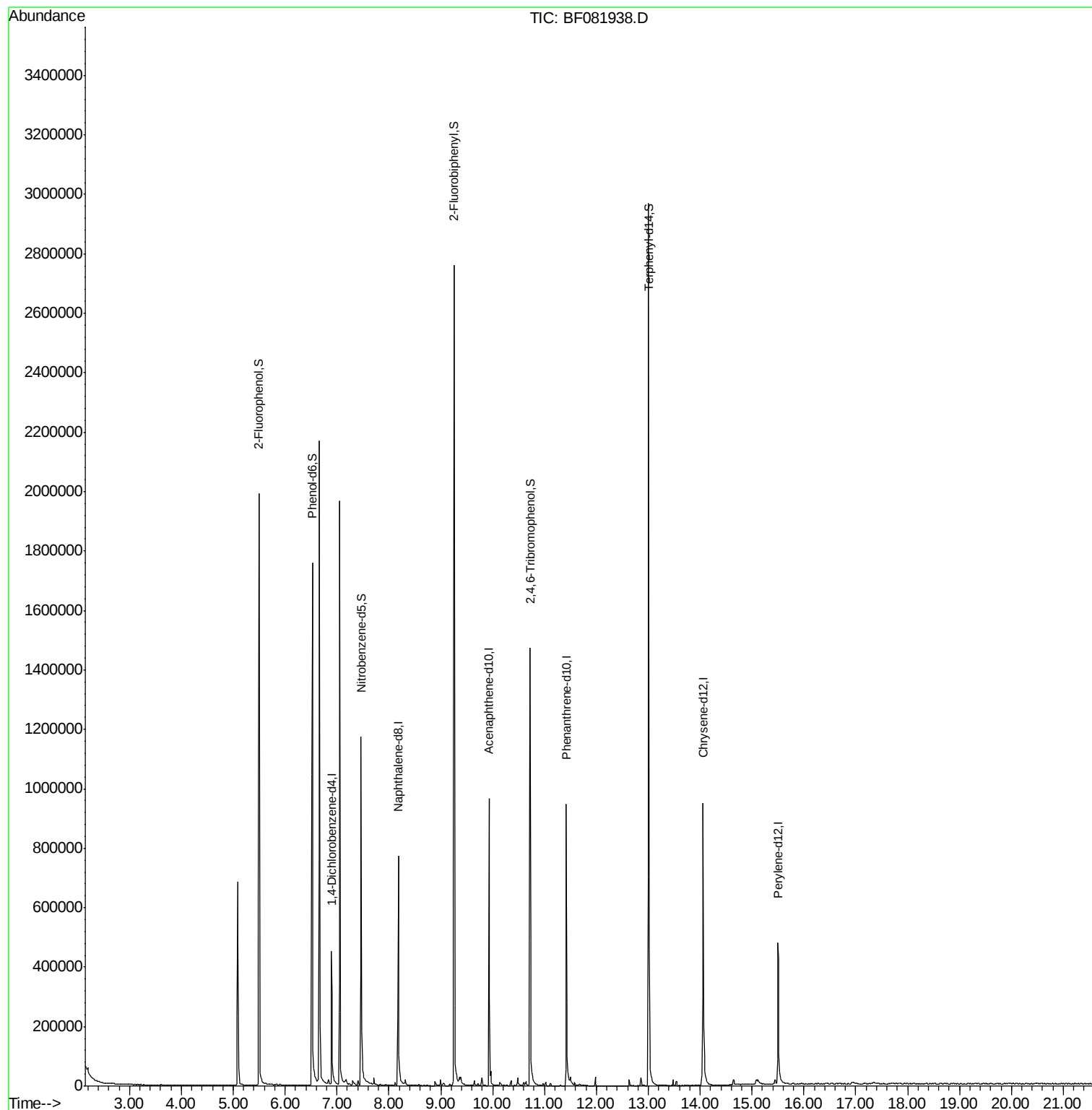
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081938.D
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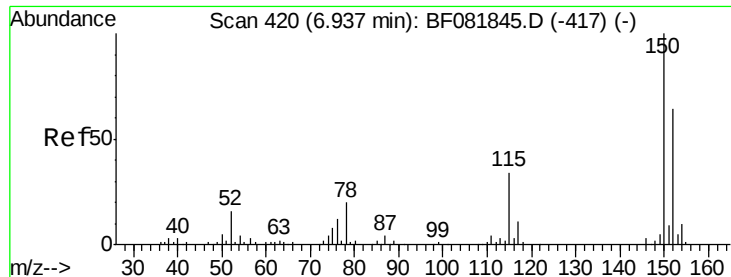
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081938.D

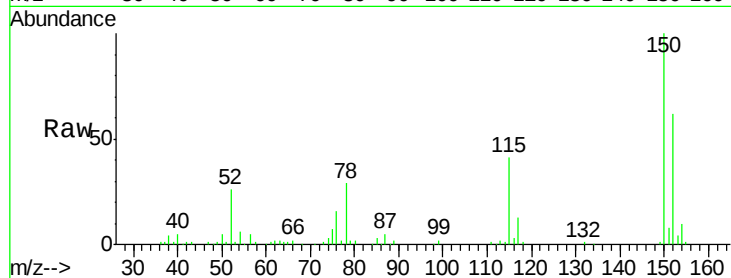
Acq: 1 Oct 2015 14:38

Instrument :

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ClientSampleId :

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Tgt Ion:152 Resp: 109528

Ion Ratio Lower Upper

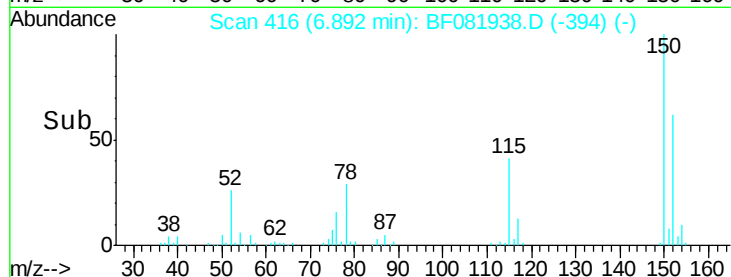
152 100

150 162.5 124.7 187.1

115 66.3 39.0 58.4#

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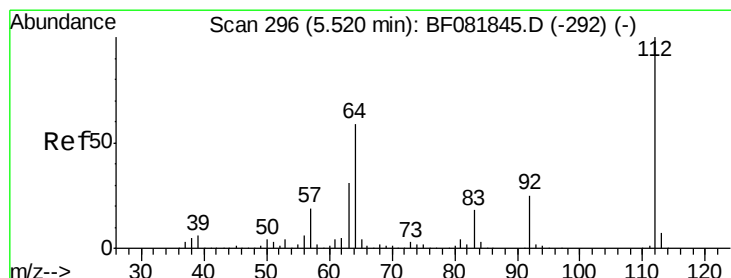
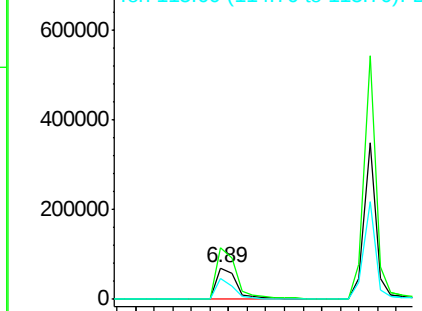
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 97.76 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081938.D

Acq: 1 Oct 2015 14:38

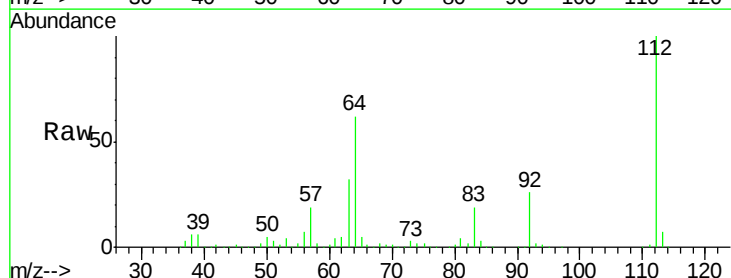
Tgt Ion:112 Resp: 589837

Ion Ratio Lower Upper

112 100

64 62.0 39.7 59.5#

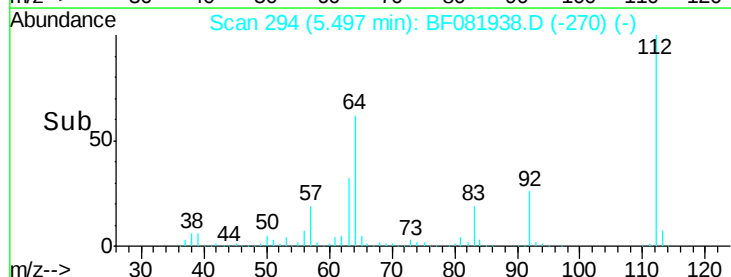
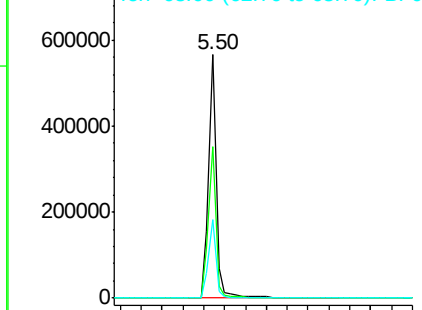
63 32.3 17.4 26.0#

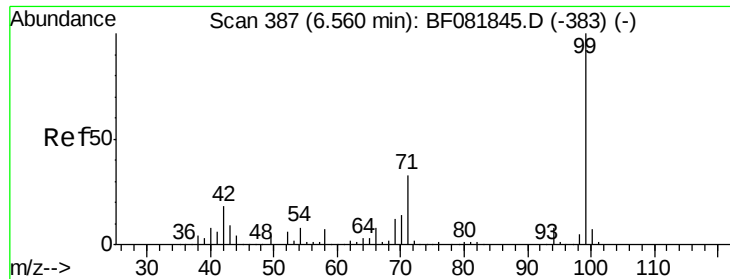


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.67 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081938.D

Acq: 1 Oct 2015 14:38

Instrument :

BNA_F

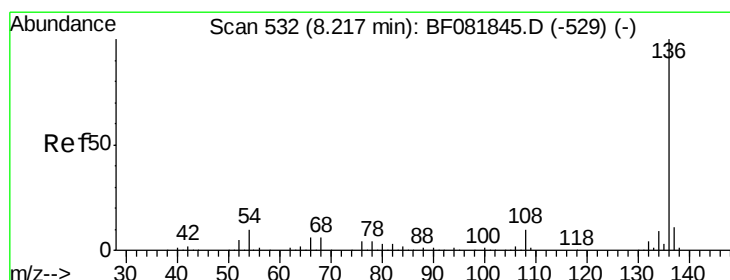
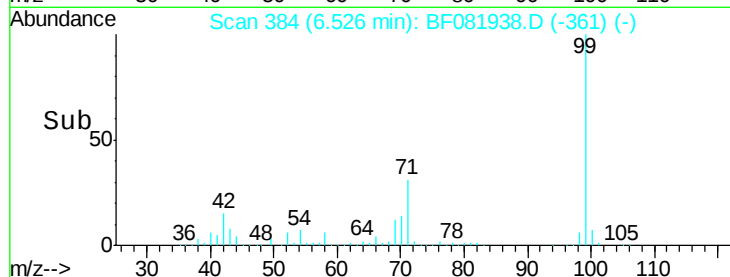
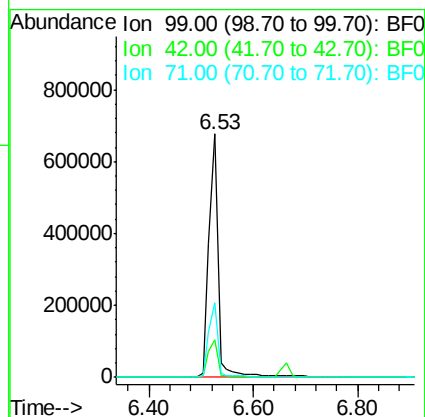
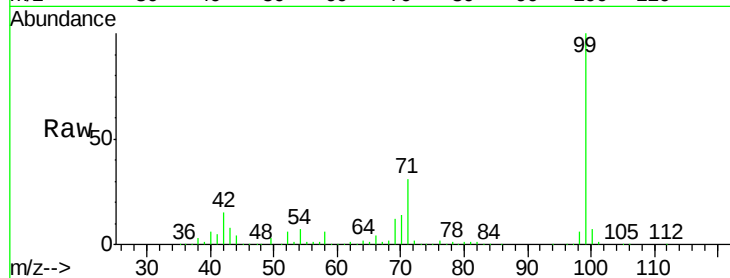
ClientSampleId :

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Tgt Ion:	99	Resp:	840241
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.7	20.5
71	30.9	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

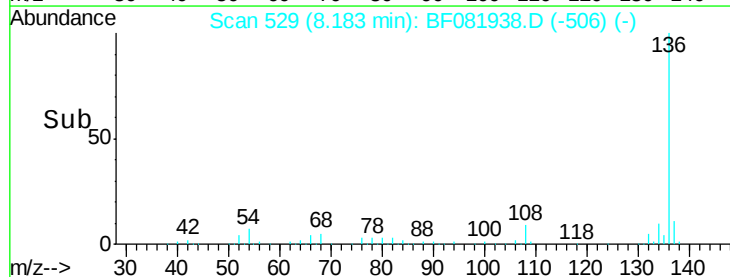
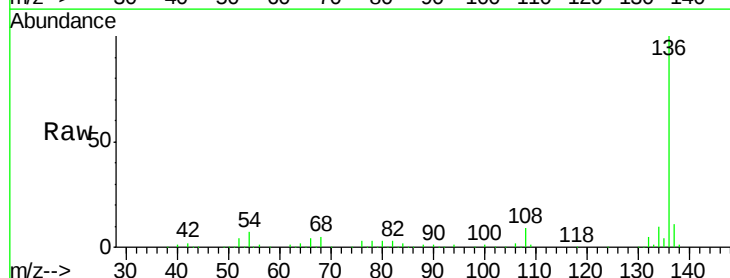
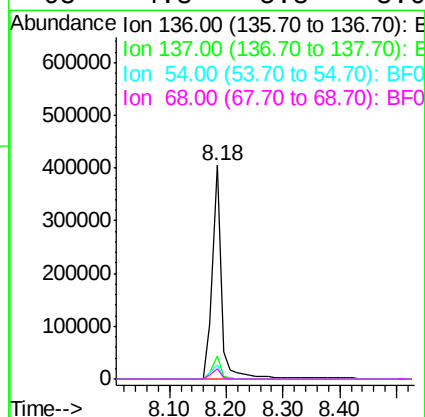
RT: 8.18 min Scan# 529

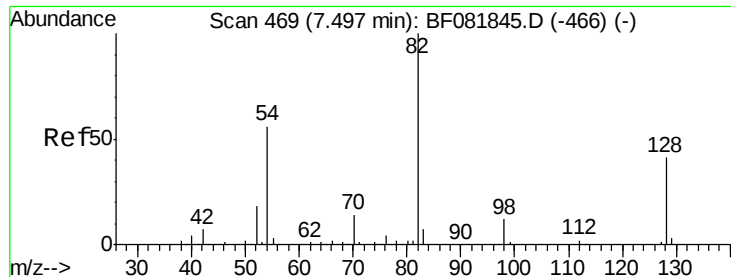
Delta R.T. -0.03 min

Lab File: BF081938.D

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Tgt Ion:	136	Resp:	442787
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	6.9	8.2	12.2#
68	4.8	5.8	8.6#





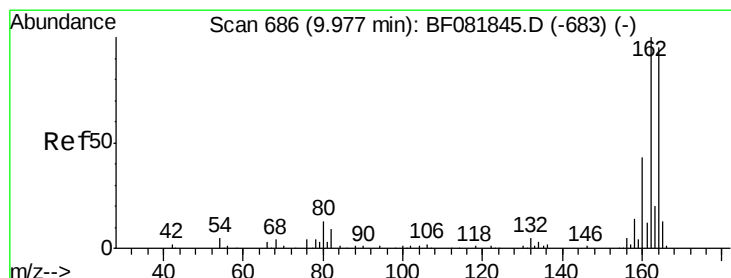
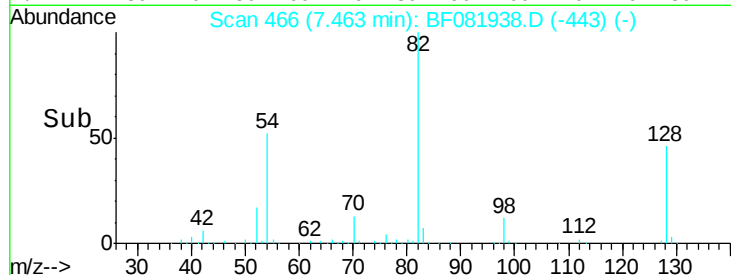
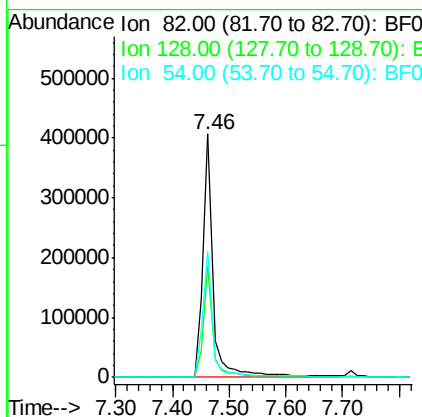
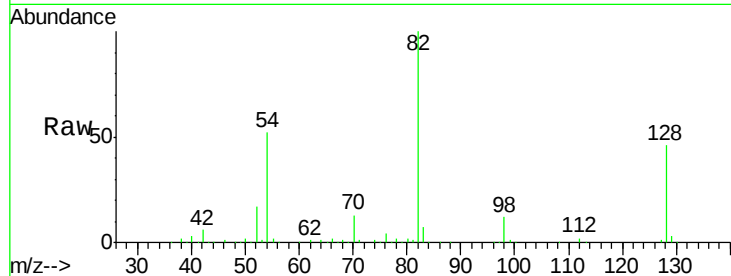
#23
 Nitrobenzene-d5
 Concen: 75.25 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

Instrument :
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 LOD-SOIL2015-01

Tgt Ion: 82 Resp: 499826
 Ion Ratio Lower Upper
 82 100
 128 45.6 51.0 76.6#
 54 51.7 47.5 71.3

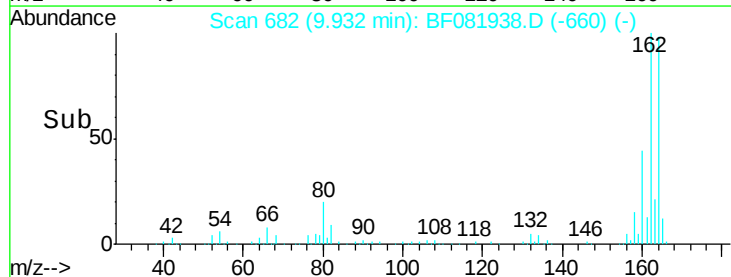
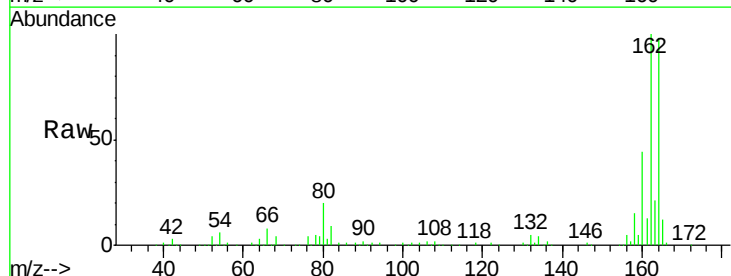
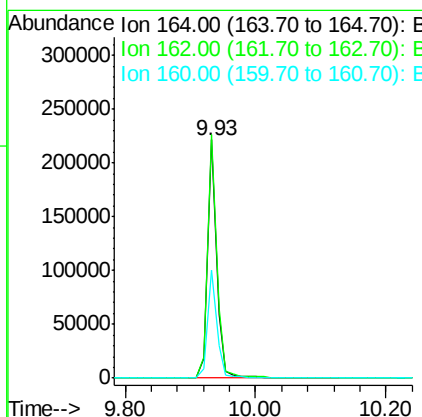
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

Tgt Ion: 164 Resp: 218147
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 45.1 31.5 47.3





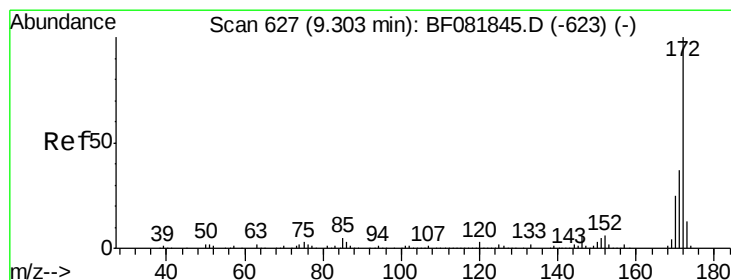
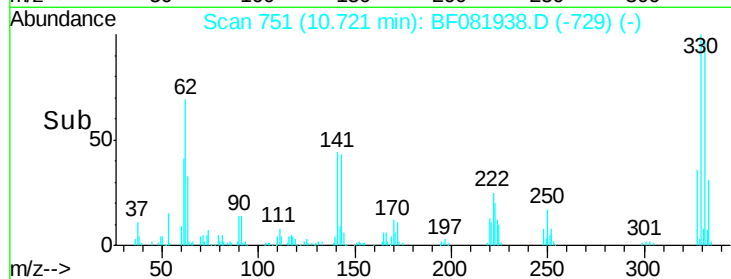
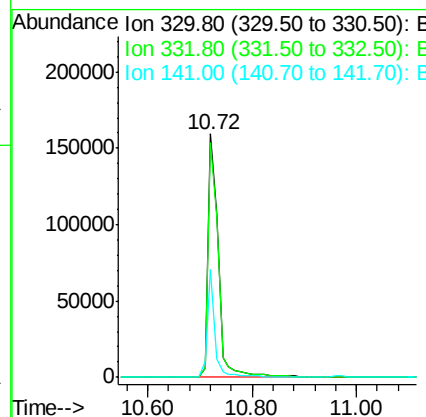
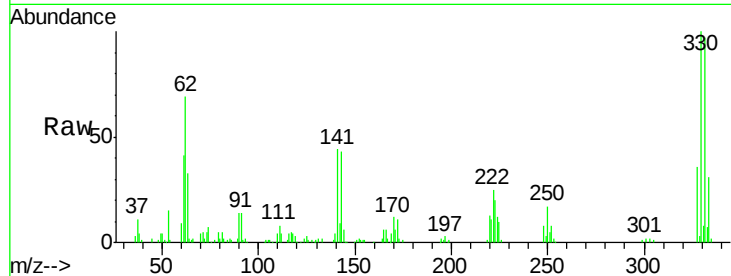
#41
 2,4,6-Tribromophenol
 Concen: 98.97 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	218645		
332	96.9	76.6	114.8	
141	33.5	29.7	44.5	

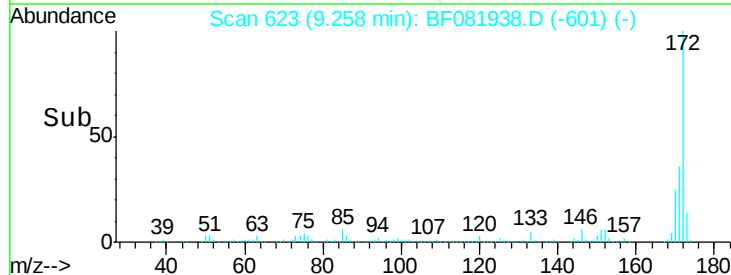
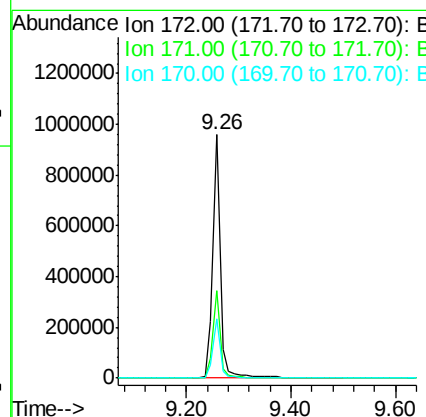
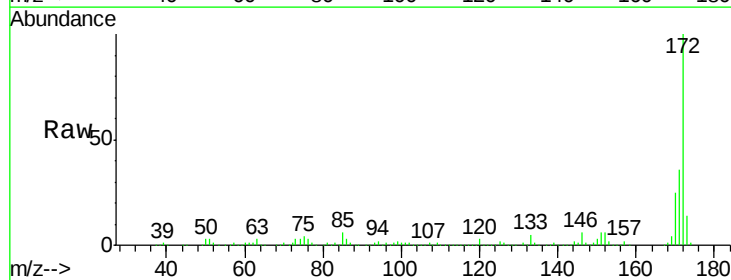
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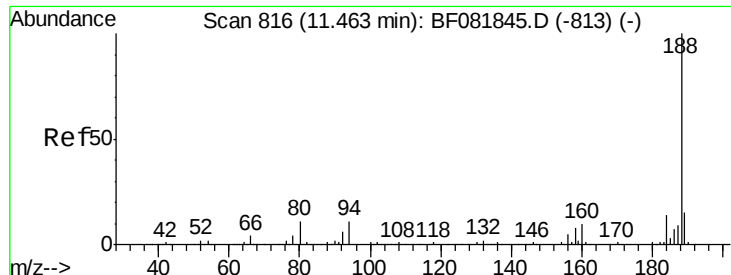
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#44
 2-Fluorobiphenyl
 Concen: 73.63 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985134		
171	36.0	26.1	39.1	
170	24.6	17.4	26.2	





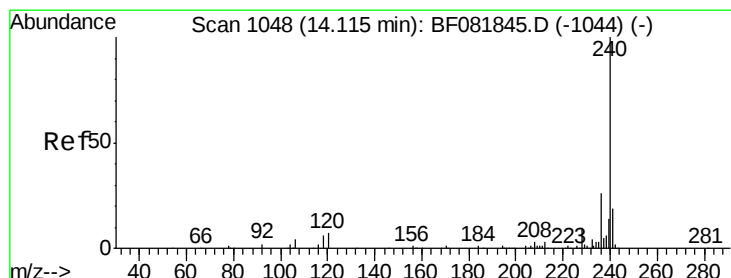
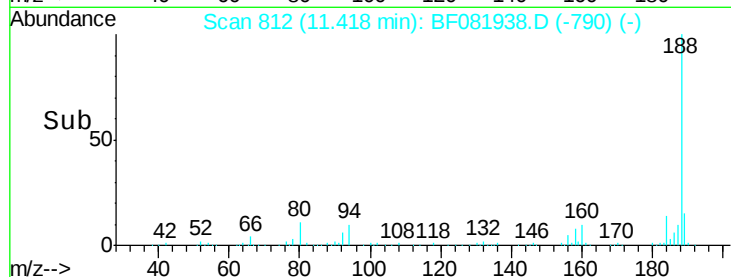
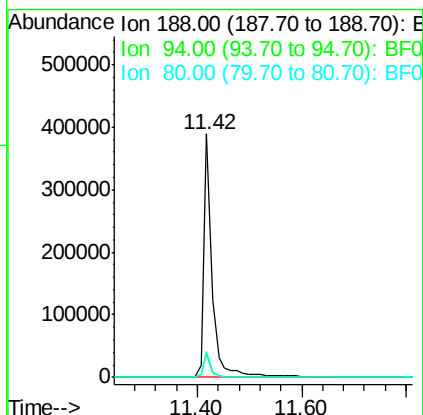
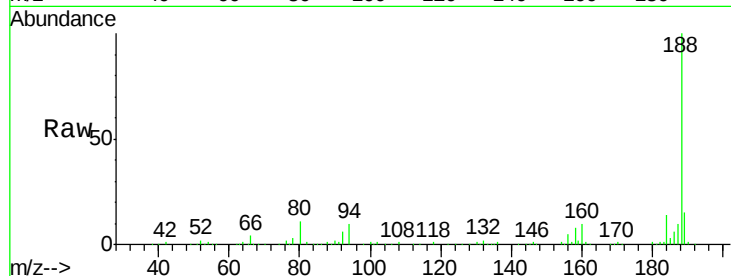
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081938.D
Acq: 1 Oct 2015 14:38

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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	11.1	16.7#
80	10.8	11.0	16.4#

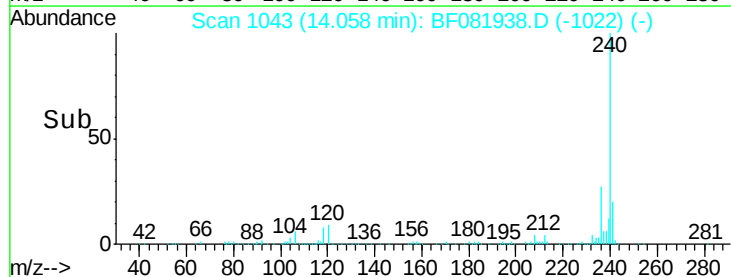
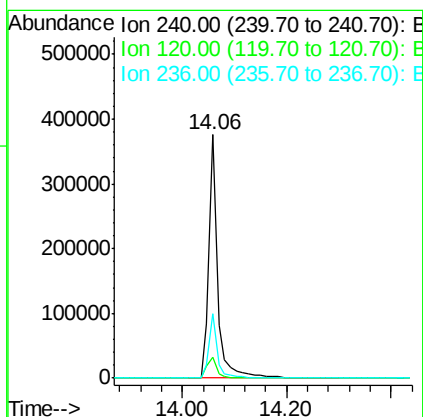
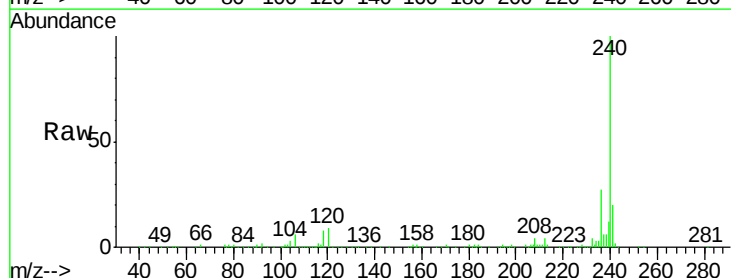
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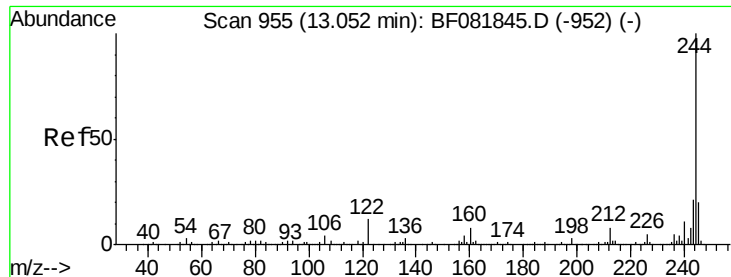
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081938.D
Acq: 1 Oct 2015 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.8	16.2	24.2#
236	26.6	18.4	27.6





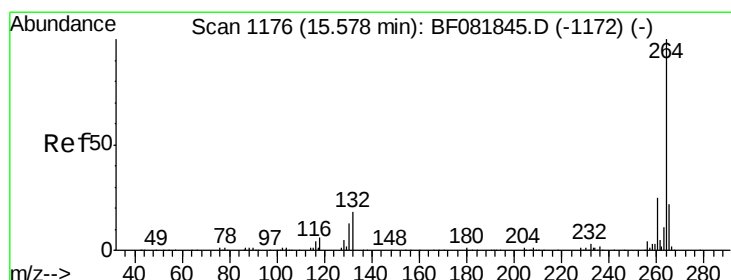
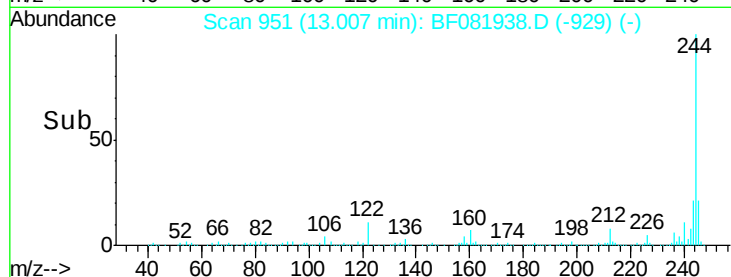
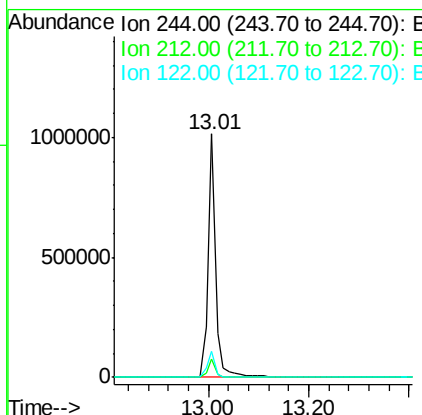
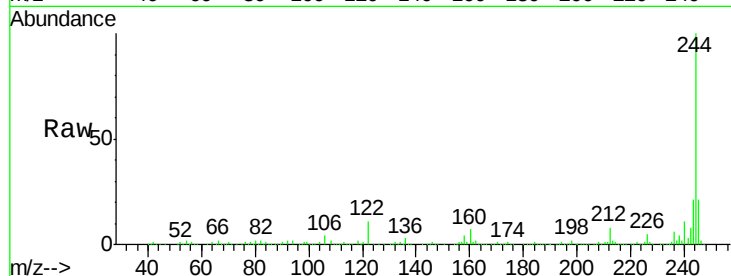
#78
 Terphenyl-d14
 Concen: 76.72 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

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 BNA_F
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Tgt Ion:244 Resp: 1062333
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 10.5 17.4 26.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081938.D
 Acq: 1 Oct 2015 14:38

Tgt Ion:264 Resp: 333154
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.9 17.2 25.8

