

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081944.D
 Acq On : 1 Oct 2015 17:40
 Operator : UM/IZ
 Sample : G3707-05
 Misc : LOD 1 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

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Quant Time: Oct 02 04:59:11 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	114803	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	466717	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	231410	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	461564	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	452265	20.00	ng	-0.06
86) Perylene-d12	15.50	264	360079	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	685828	108.45	ng	-0.02
7) Phenol-d6	6.53	99	994258	124.94	ng	-0.03
23) Nitrobenzene-d5	7.46	82	594575	84.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	259887	110.89	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1163464	83.92	ng	-0.05
78) Terphenyl-d14	13.01	244	1208143	86.78	ng	-0.05
Target Compounds						
57) Fluorene	10.48	166	12616	Below Cal		Qvalue 92
70) Phenanthrene	11.44	178	20170	Below Cal		99
73) Di-n-butylphthalate	11.98	149	19088	Below Cal	#	98

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

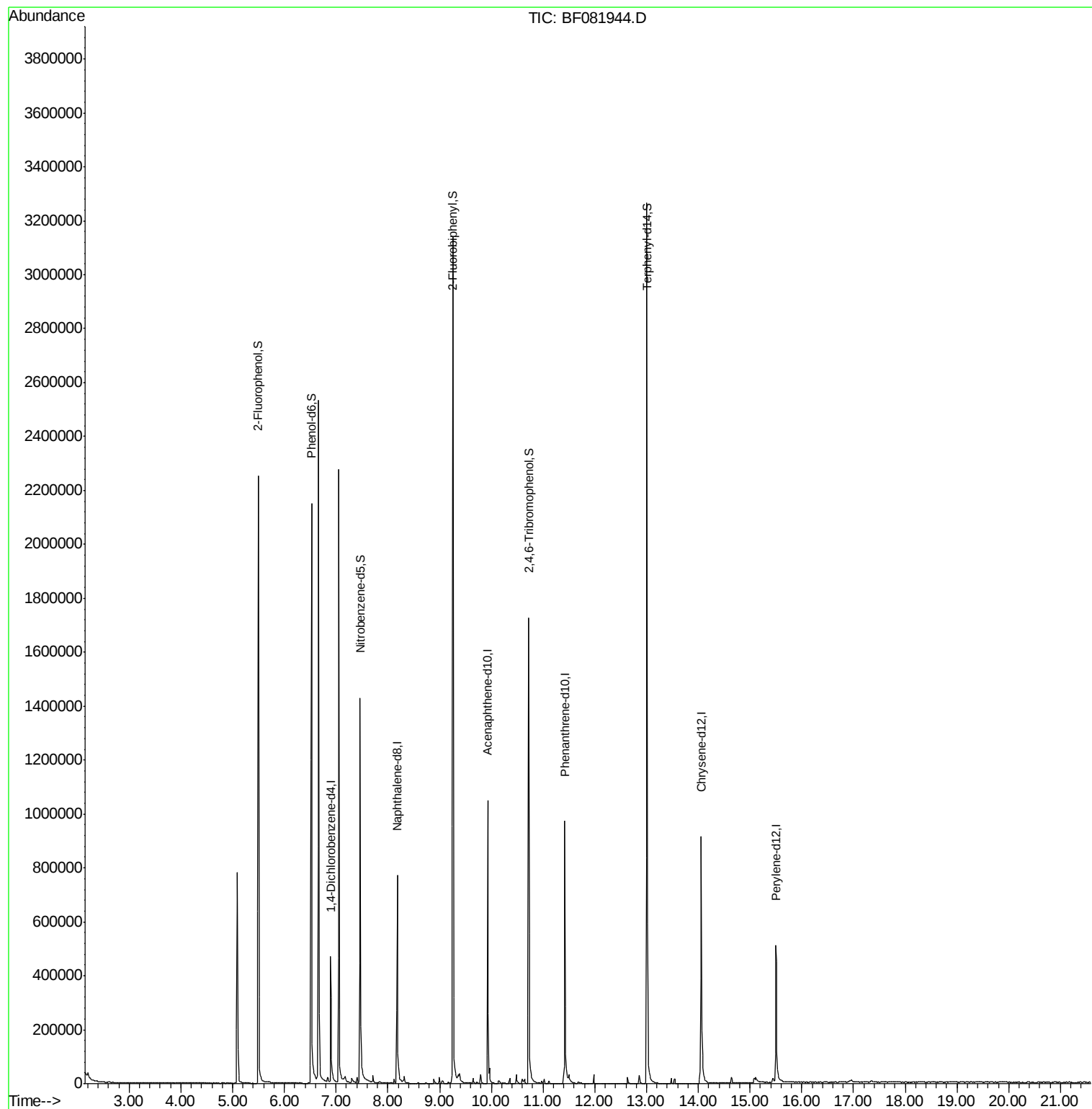
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
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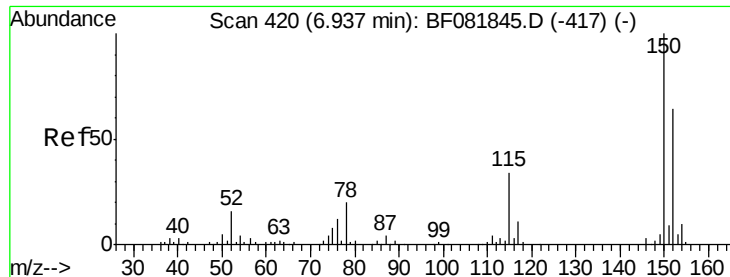
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081944.D

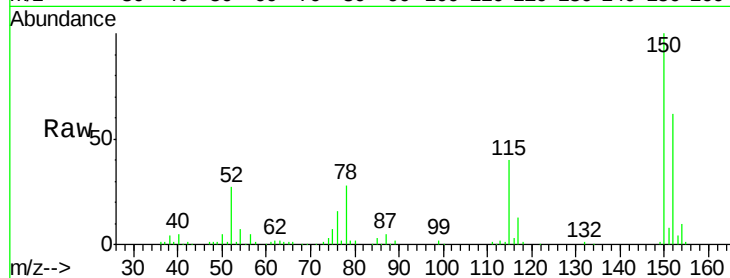
Acq: 1 Oct 2015 17:40

Instrument :

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ClientSampleId :

LOD-WATER2015-01



Tgt Ion:152 Resp: 114803

Ion Ratio Lower Upper

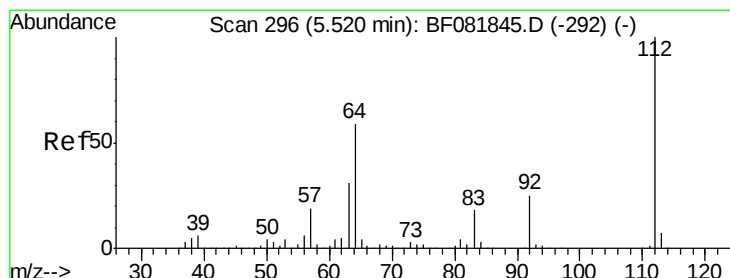
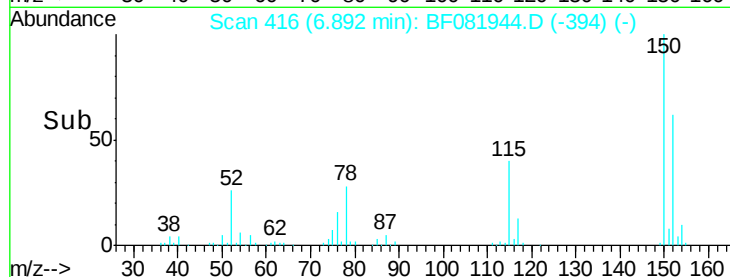
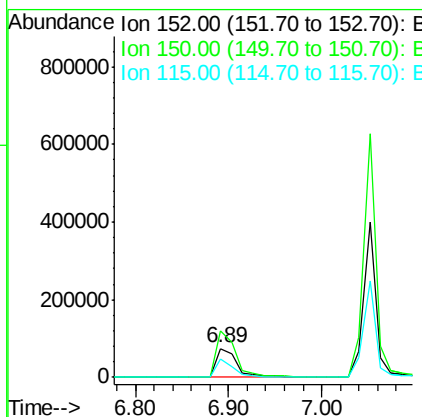
152 100

150 161.1 124.7 187.1

115 64.8 39.0 58.4#

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#5

2-Fluorophenol

Concen: 108.45 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

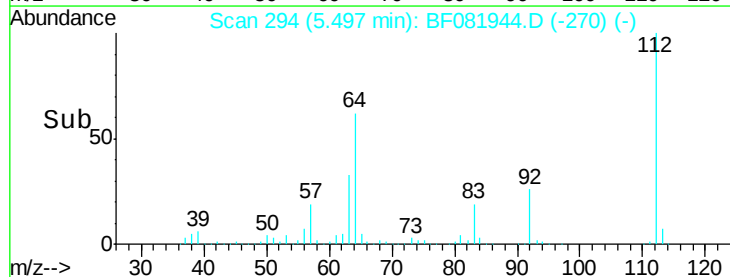
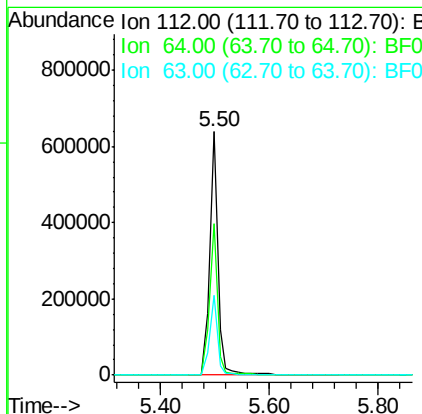
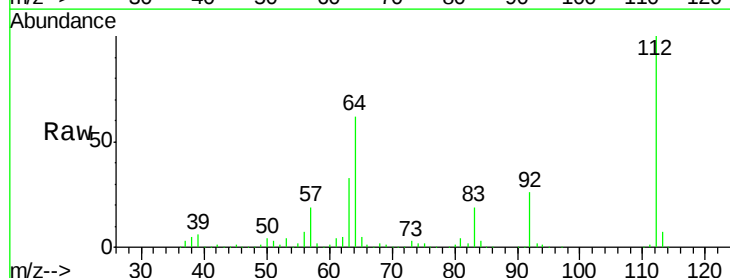
Tgt Ion:112 Resp: 685828

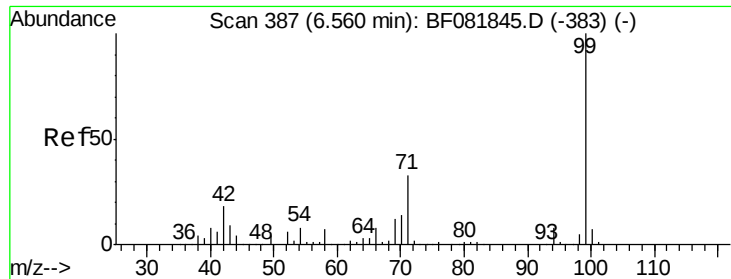
Ion Ratio Lower Upper

112 100

64 62.3 39.7 59.5#

63 32.6 17.4 26.0#





#7

Phenol-d6

Concen: 124.94 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Instrument :

BNA_F

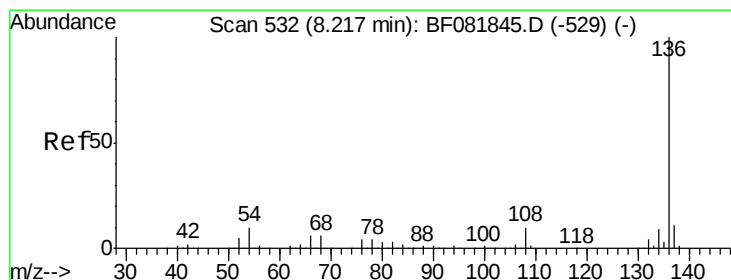
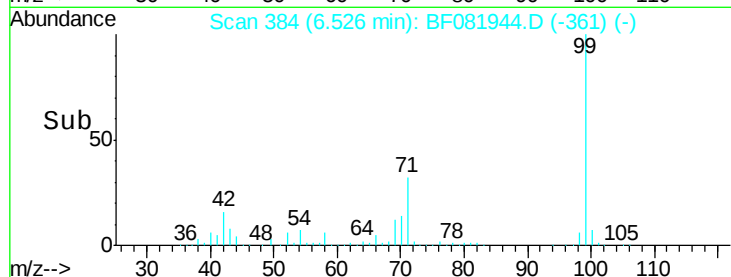
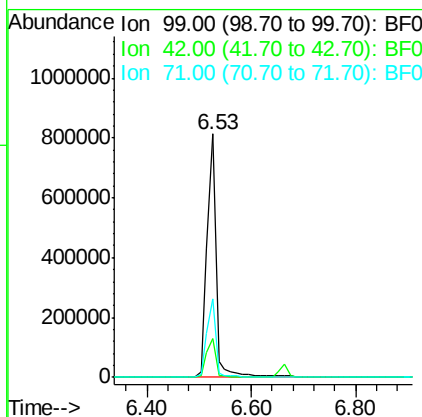
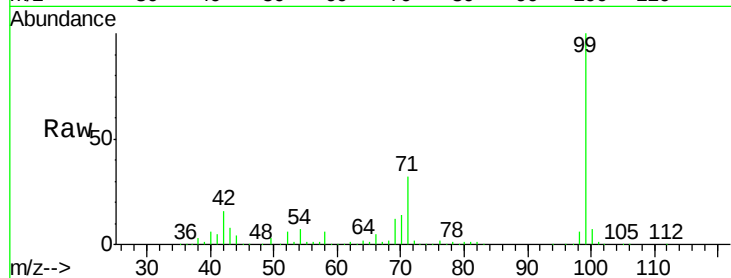
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	32.1	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

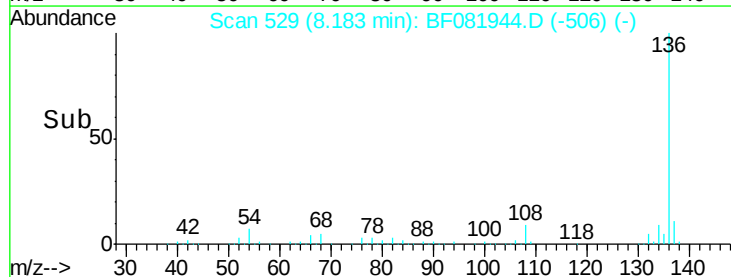
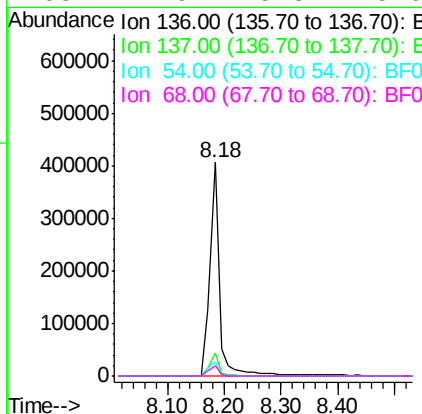
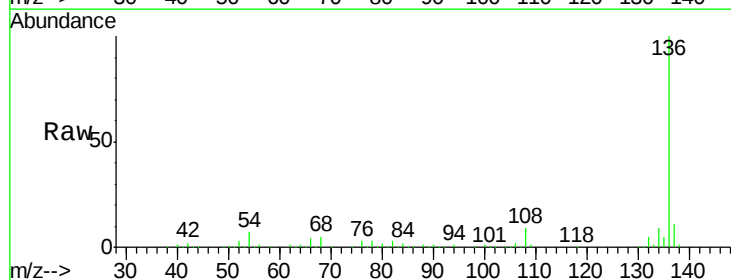
RT: 8.18 min Scan# 529

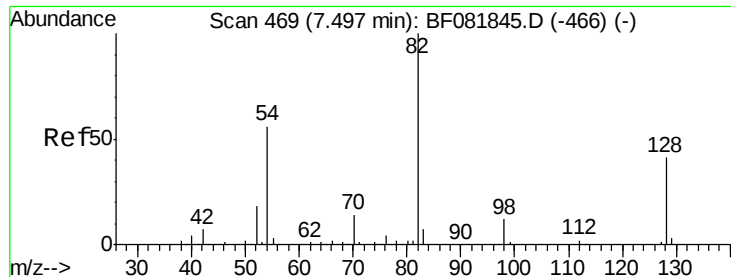
Delta R.T. -0.03 min

Lab File: BF081944.D

Acq: 1 Oct 2015 17:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.8	8.2	12.2#
68	4.9	5.8	8.6#





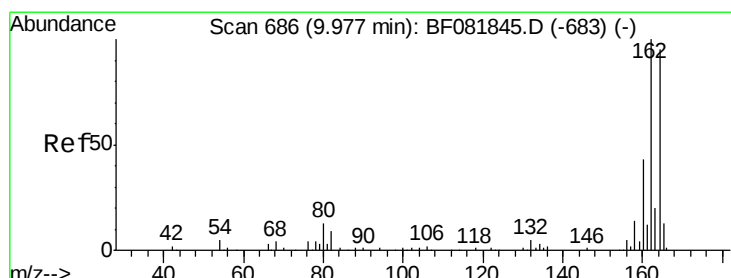
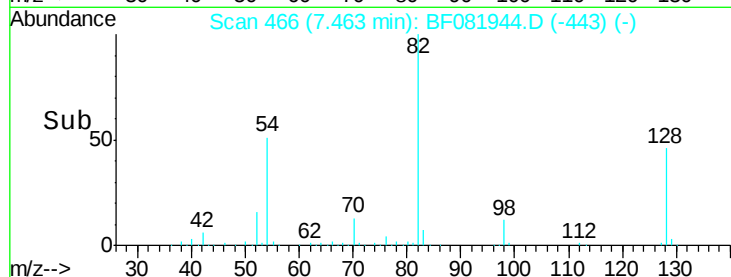
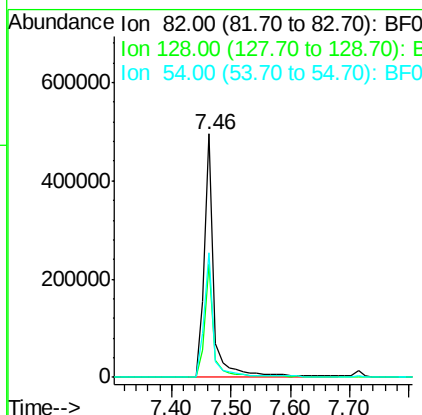
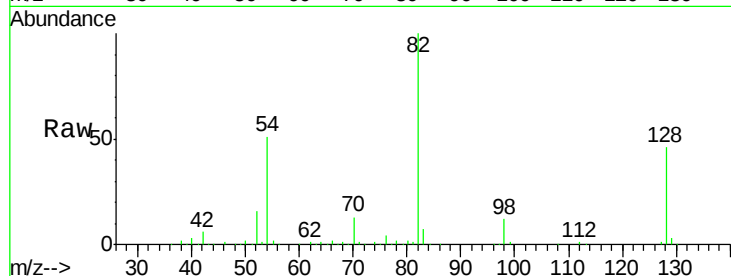
#23
 Nitrobenzene-d5
 Concen: 84.92 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	594575		
128	46.2	51.0	76.6#	
54	51.3	47.5	71.3	

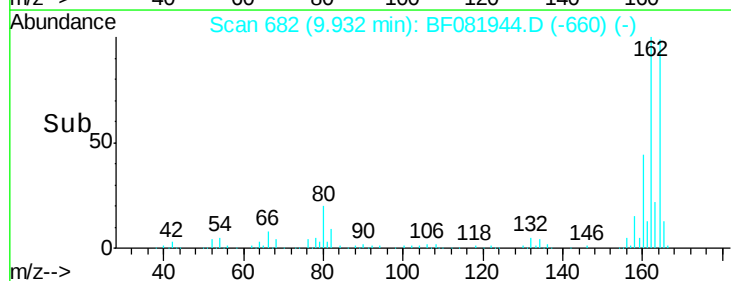
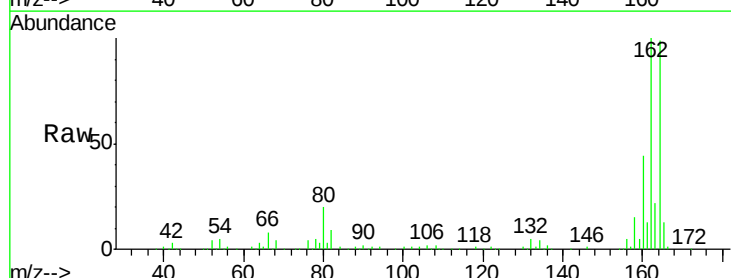
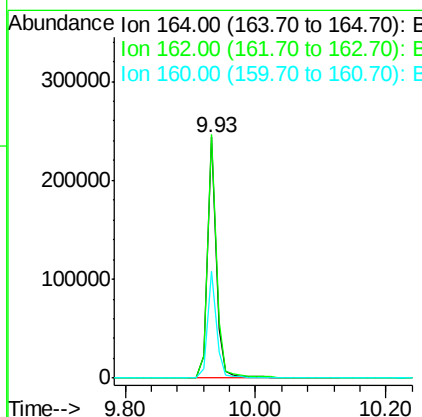
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231410		
162	101.2	75.2	112.8	
160	44.5	31.5	47.3	





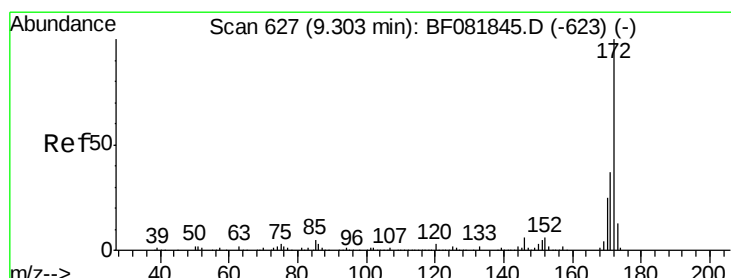
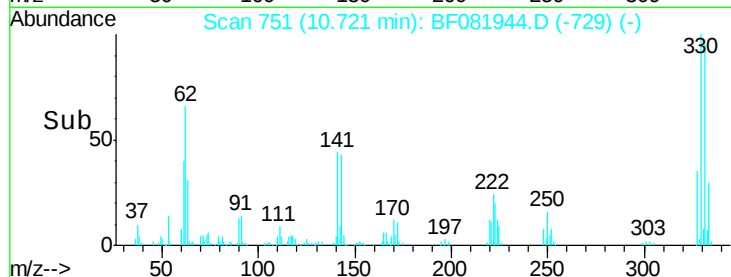
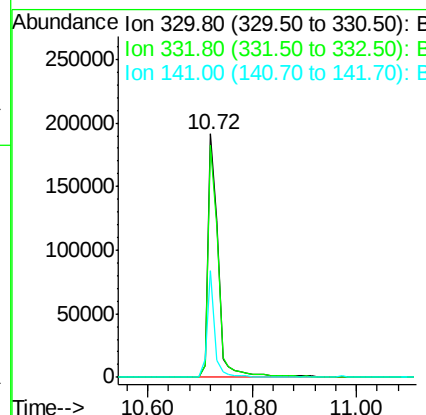
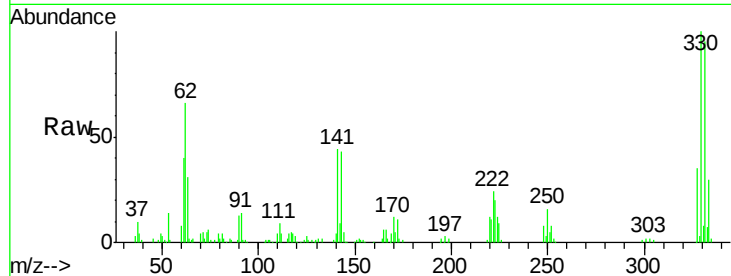
#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	259887		
332	96.0	76.6	114.8	
141	33.8	29.7	44.5	

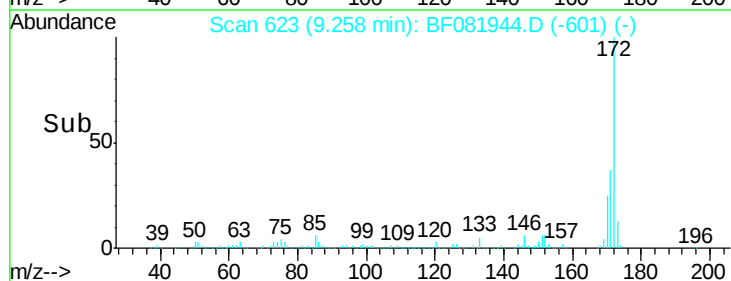
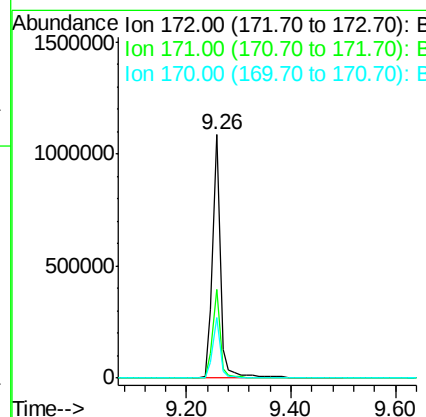
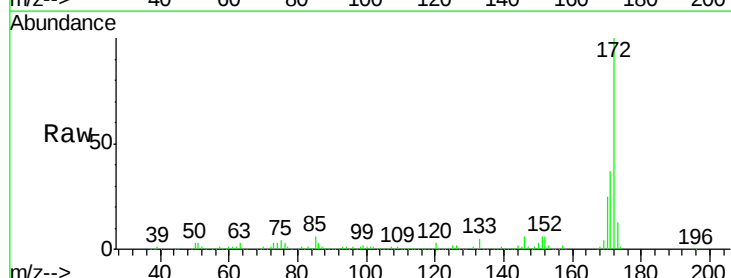
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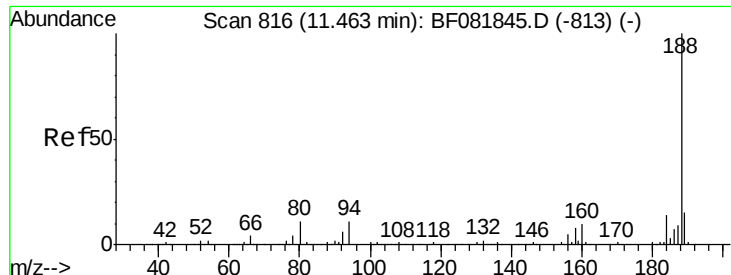
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#44
 2-Fluorobiphenyl
 Concen: 83.92 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1163464		
171	36.5	26.1	39.1	
170	24.7	17.4	26.2	





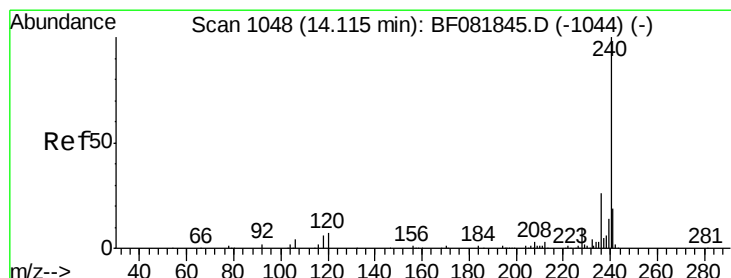
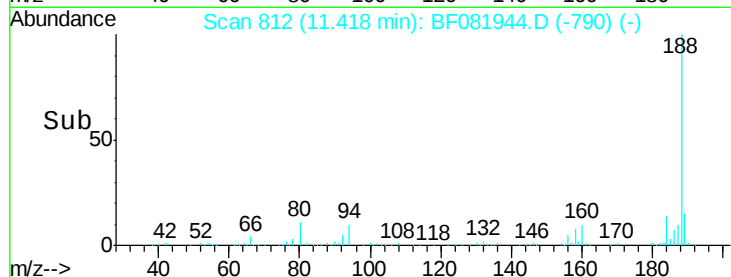
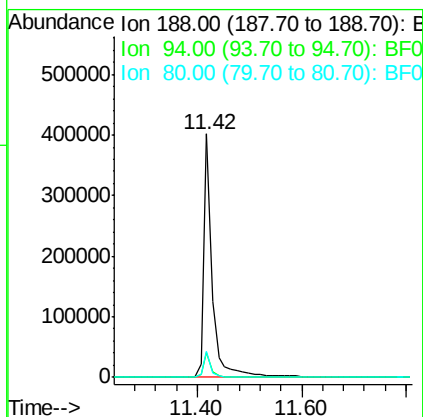
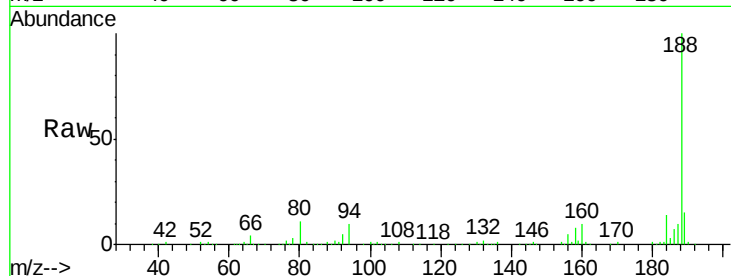
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081944.D
Acq: 1 Oct 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	461564		
94	10.0	11.1	16.7#	
80	10.6	11.0	16.4#	

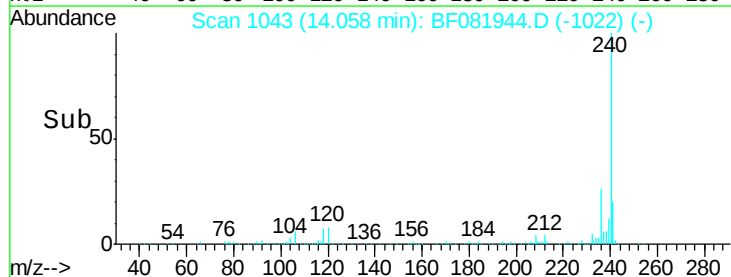
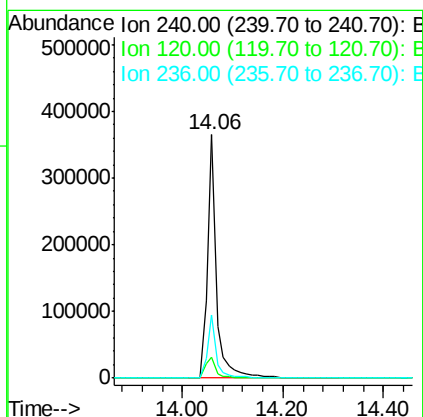
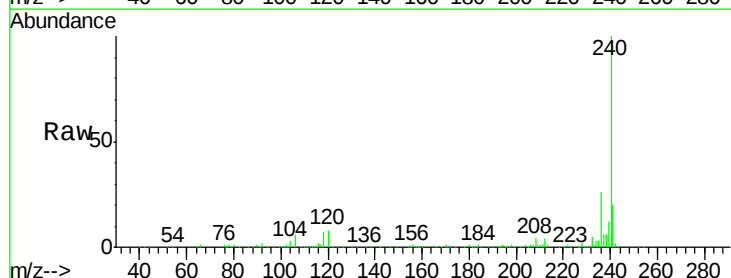
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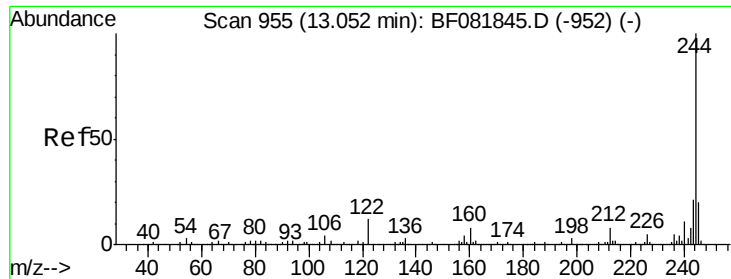
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081944.D
Acq: 1 Oct 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	452265		
120	8.4	16.2	24.2#	
236	25.9	18.4	27.6	





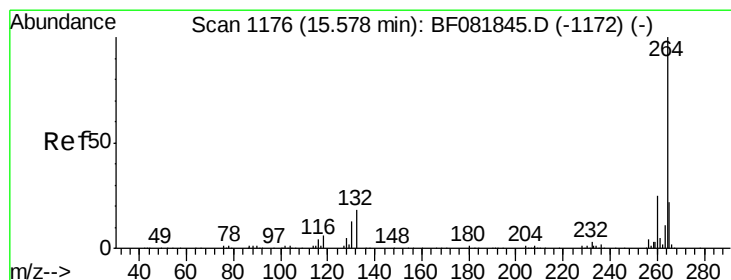
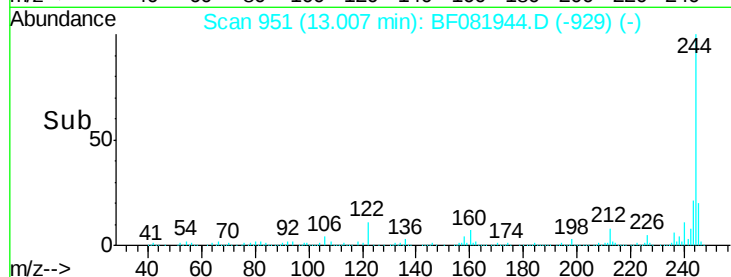
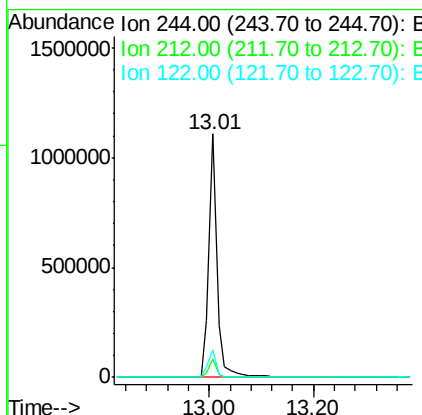
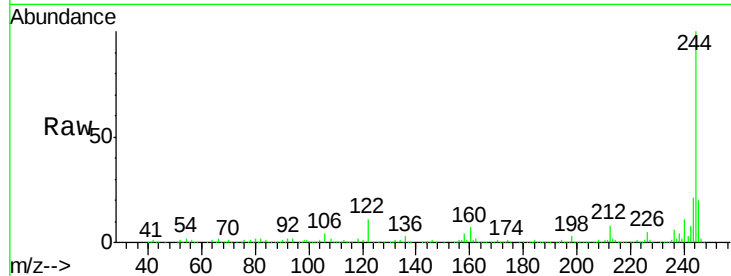
#78
 Terphenyl-d14
 Concen: 86.78 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081944.D
 Acq: 1 Oct 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion:244 Resp: 1208143
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 11.0 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: BF081944.D
 Acq: 1 Oct 2015 17:40

Tgt Ion:264 Resp: 360079
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 22.1 17.2 25.8

