

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079977.D
 Acq On : 13 Jun 2015 14:01
 Operator : TP/IZ
 Sample : G2603-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9813

Manual Integrations
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 6/15/2015 1:01:19 PM

Quant Time: Jun 15 11:38:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	39843	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	102248	20.00	ng	0.02
38) Acenaphthene-d10	10.44	164	90174	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	187144	20.00	ng	-0.03
75) Chrysene-d12	14.83	240	212739m	20.00	ng	-0.31
86) Perylene-d12	16.70	264	215856m	20.00	ng	-0.40
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	37272	17.15	ng	0.00
7) Phenol-d6	6.97	99	78690	26.58	ng	0.00
23) Nitrobenzene-d5	7.95	82	195206m	125.96	ng	0.02
41) 2,4,6-Tribromophenol	11.23	330	10610	14.39	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	65690	10.20	ng	0.00
78) Terphenyl-d14	13.60	244	92076	9.98	ng	-0.17
Target Compounds						
31) Naphthalene	8.72	128	90346	16.16	ng	Qvalue # 64
37) 2-Methylnaphthalene	9.39	142	42334	11.21	ng	97
45) 1,1'-Biphenyl	9.85	154	24321	3.33	ng	93
73) Di-n-butylphthalate	12.49	149	36972	3.24	ng	98

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

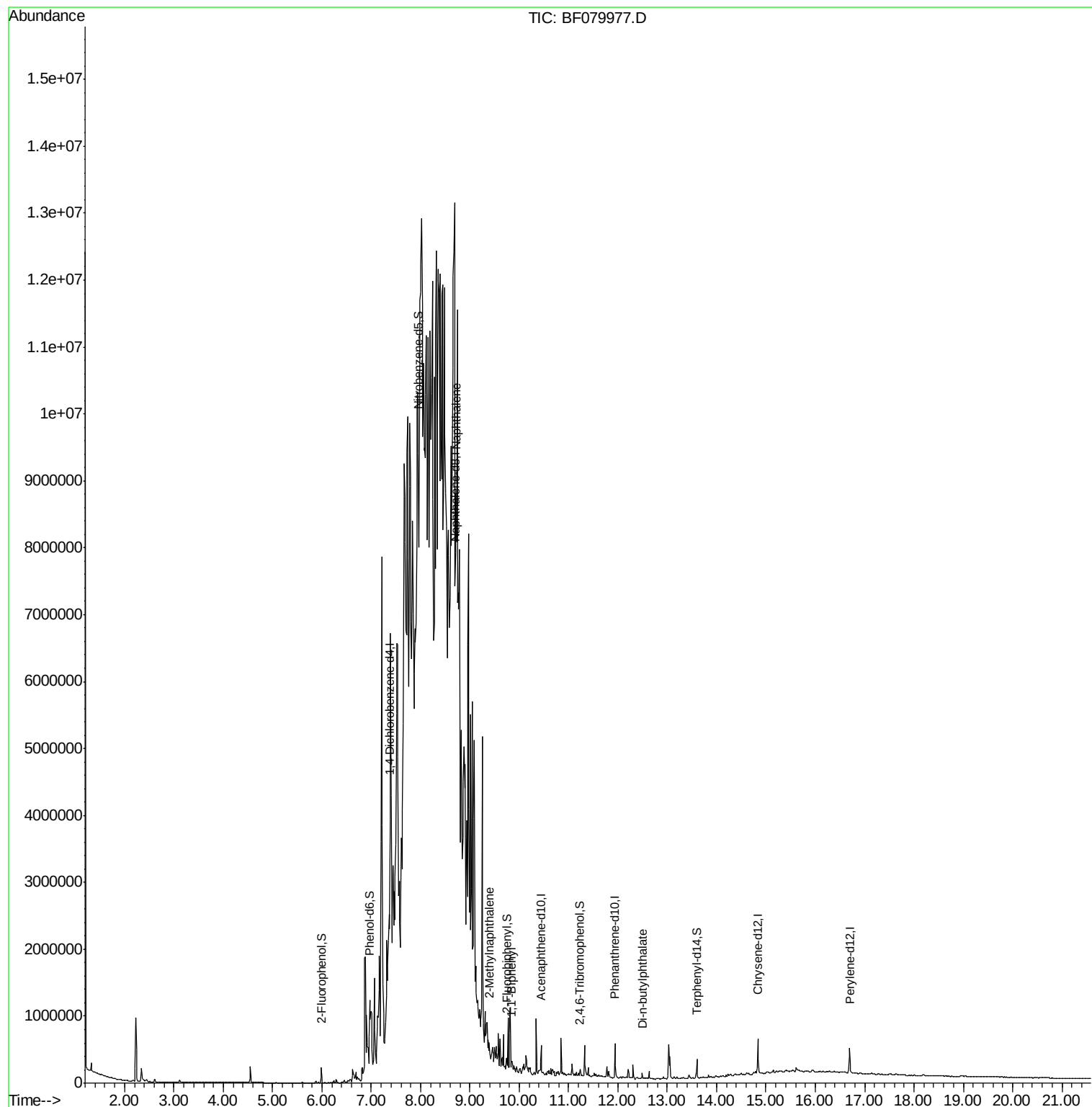
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079977.D
Acq On : 13 Jun 2015 14:01
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Sample : G2603-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

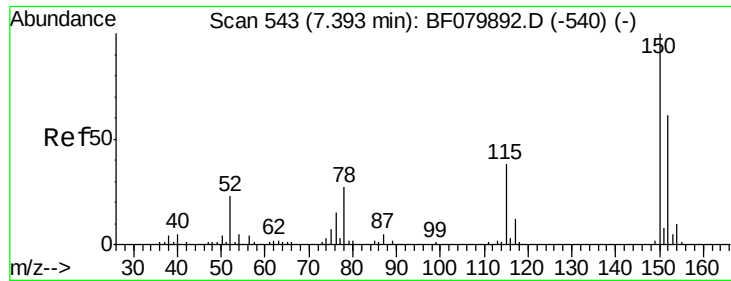
Instrument :
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Quant Time: Jun 15 11:38:57 2015
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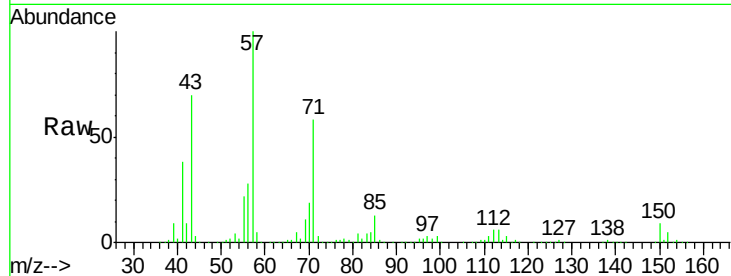




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

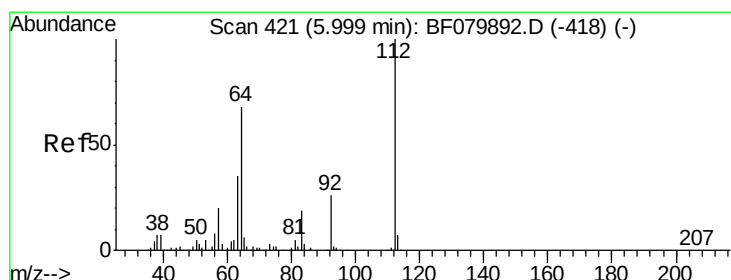
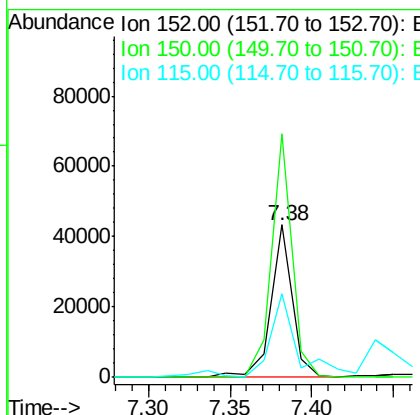
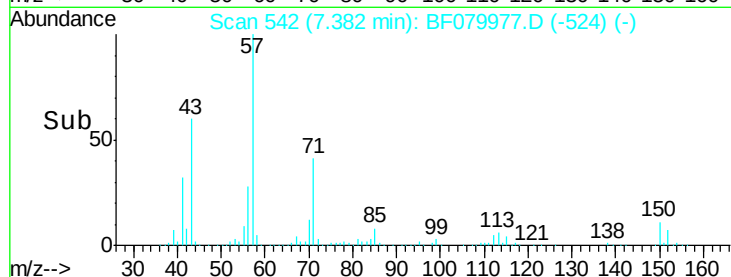
Instrument :
BNA_F
ClientSampleId :
LAR9813



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.0	131.0	196.4
115	54.7	49.8	74.6

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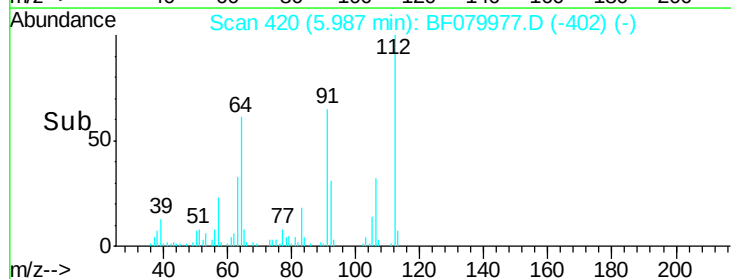
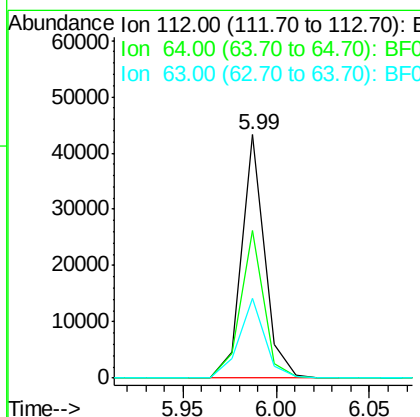
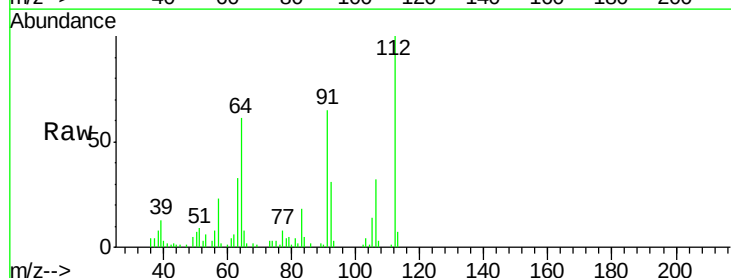
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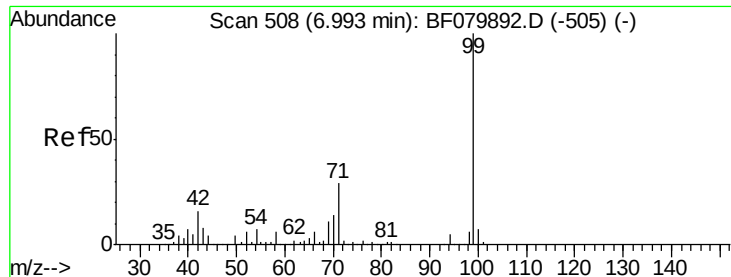


#5

2-Fluorophenol
Concen: 17.15 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079977.D
Acq: 13 Jun 2015 14:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	54.5	81.7
63	33.0	27.9	41.9





#7

Phenol-d6

Concen: 26.58 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

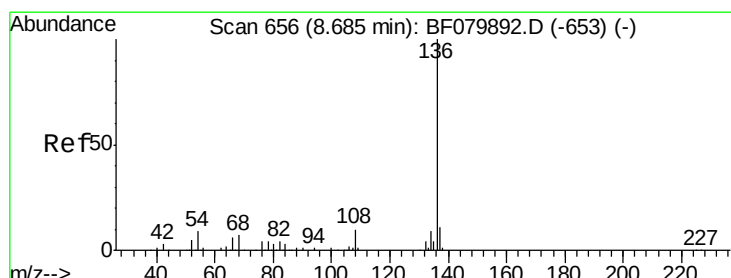
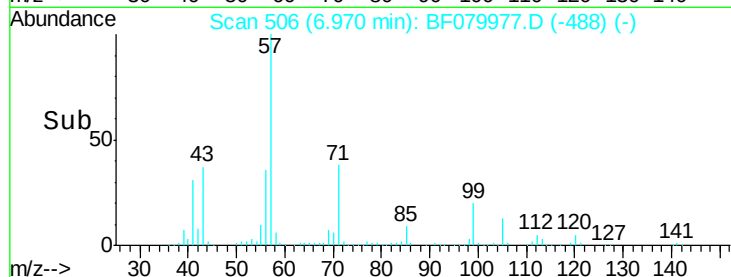
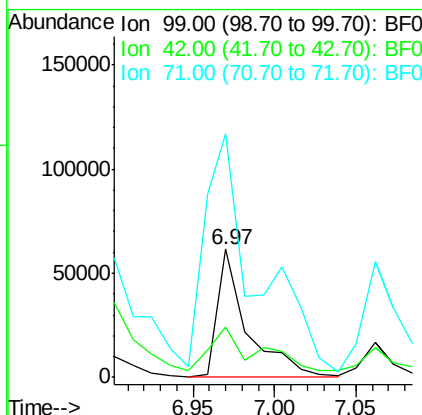
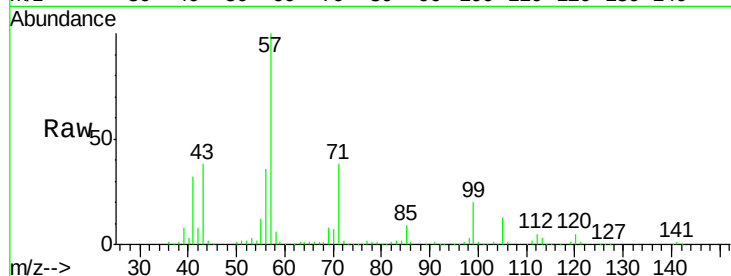
ClientSampled :

LAR9813

Tgt Ion:	99	Resp:	78690
Ion Ratio	Lower	Upper	
99	100		
42	39.1	12.9	19.3#
71	190.1	23.4	35.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

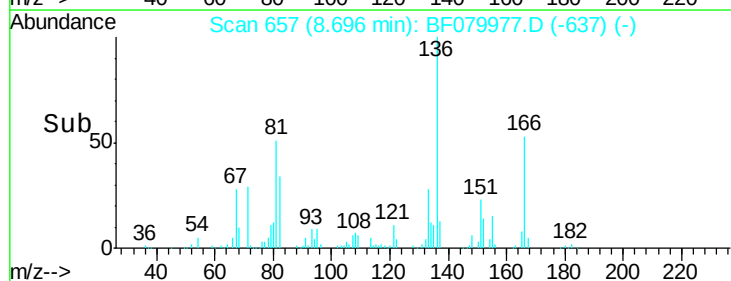
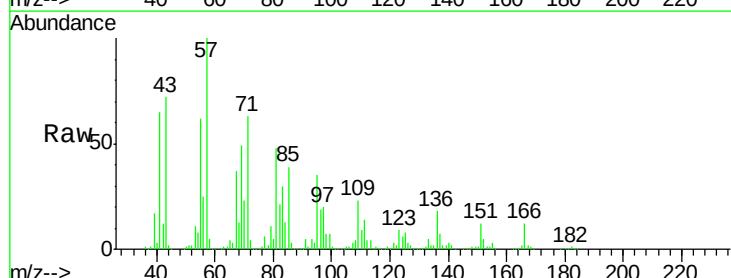
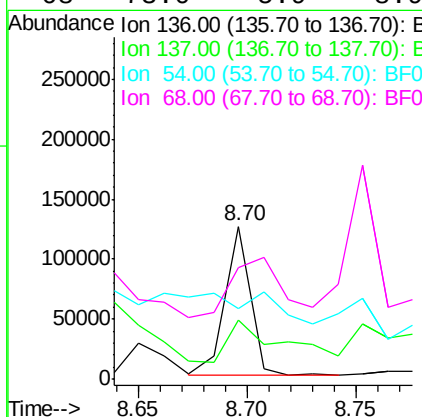
RT: 8.70 min Scan# 657

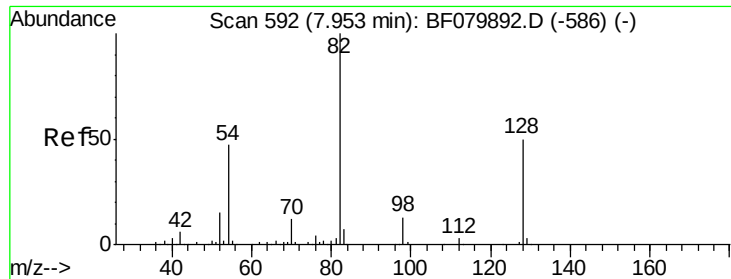
Delta R.T. 0.02 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Tgt Ion:	136	Resp:	102248
Ion Ratio	Lower	Upper	
136	100		
137	39.0	8.7	13.1#
54	46.1	7.3	10.9#
68	73.0	5.9	8.9#





#23

Nitrobenzene-d5

Concen: 125.96 ng m

RT: 7.95 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

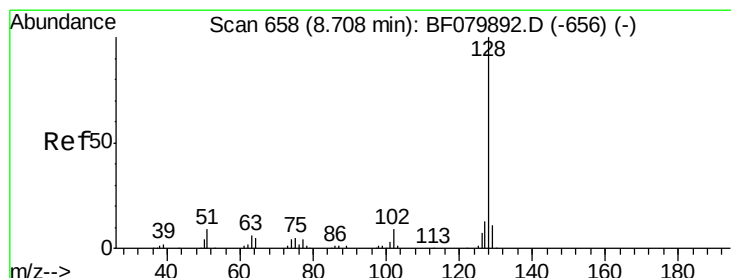
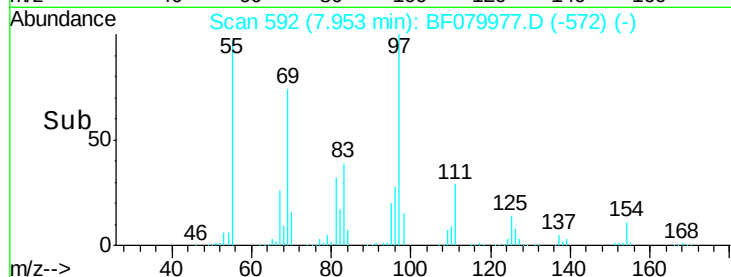
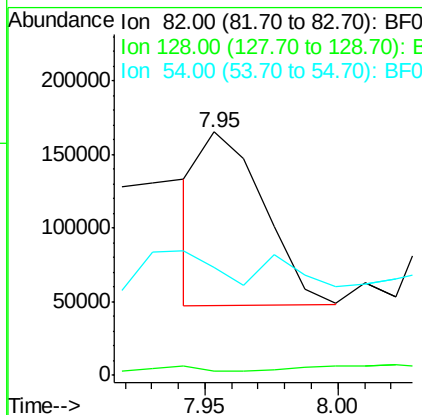
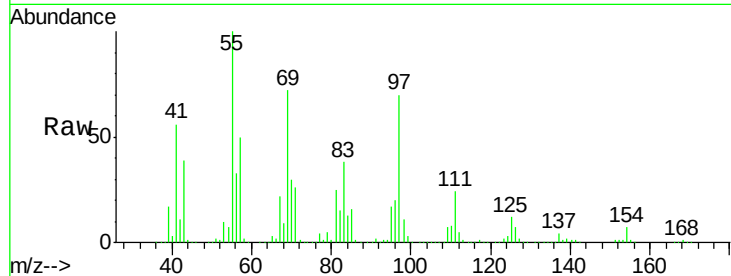
ClientSampled :

LAR9813

Tgt Ion:	82	Resp:	195206
Ion Ratio	Lower	Upper	
82	100		
128	1.7	40.3	60.5#
54	44.5	38.0	57.0

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#31

Naphthalene

Concen: 16.16 ng

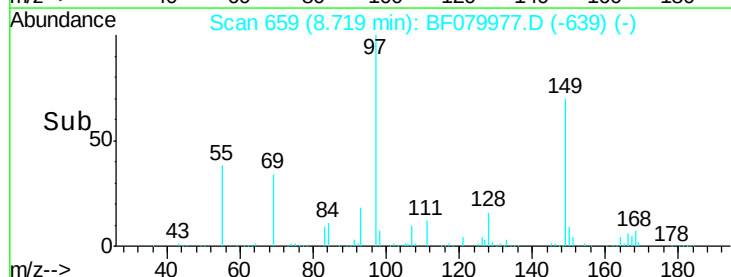
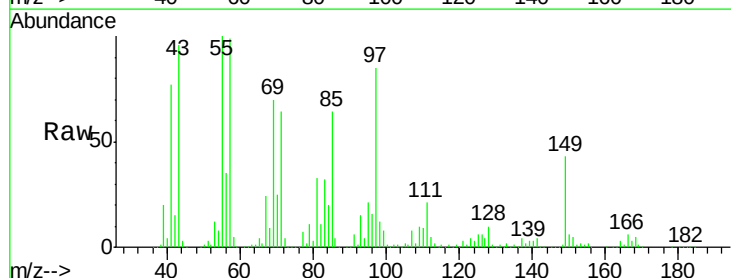
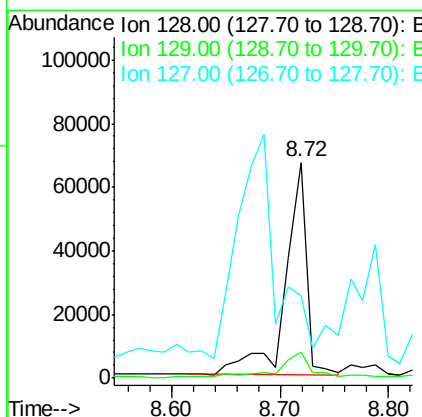
RT: 8.72 min Scan# 659

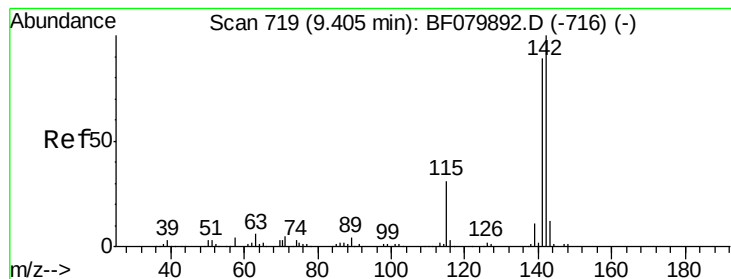
Delta R.T. 0.02 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

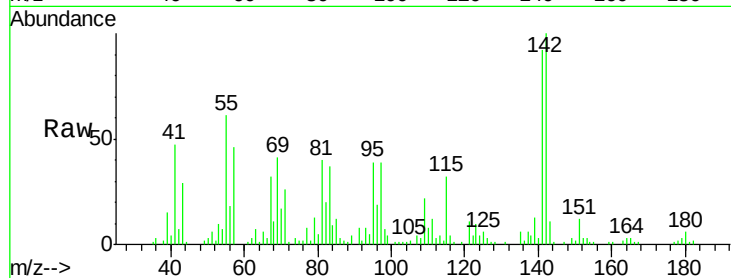
Tgt Ion:	128	Resp:	90346
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.8	13.2
127	38.2	10.5	15.7#





#37
 2-Methylnaphthalene
 Concen: 11.21 ng
 RT: 9.39 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

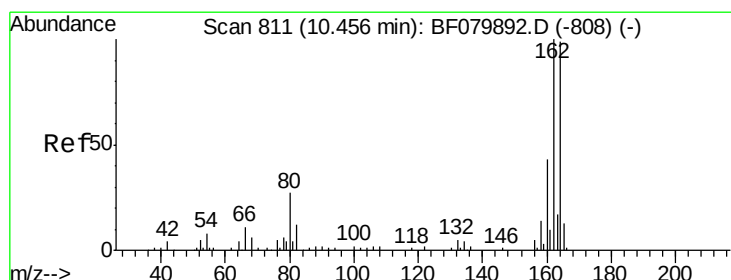
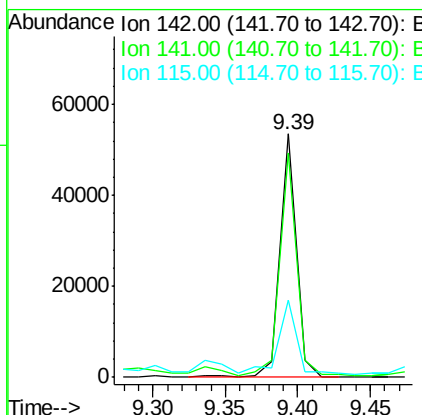
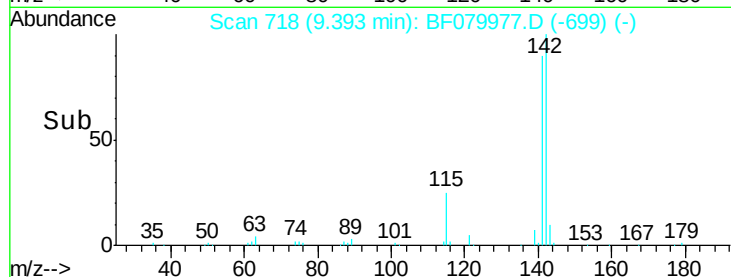
Instrument :
 BNA_F
 ClientSampleId :
 LAR9813



Tgt Ion:142 Resp: 42334
 Ion Ratio Lower Upper
 142 100
 141 91.9 70.9 106.3
 115 32.0 25.0 37.4

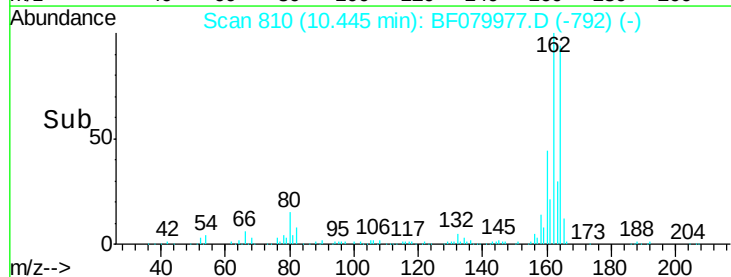
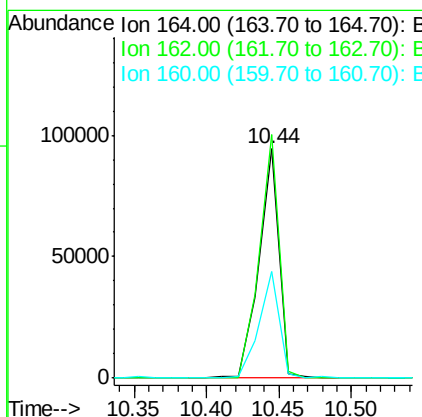
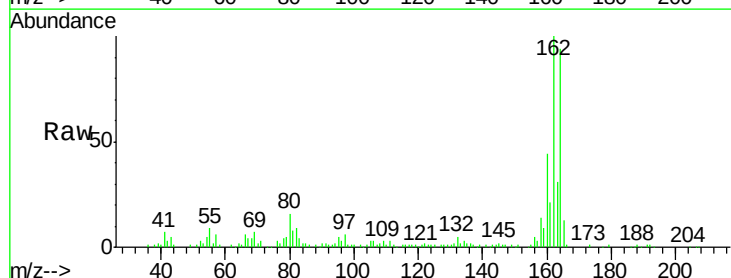
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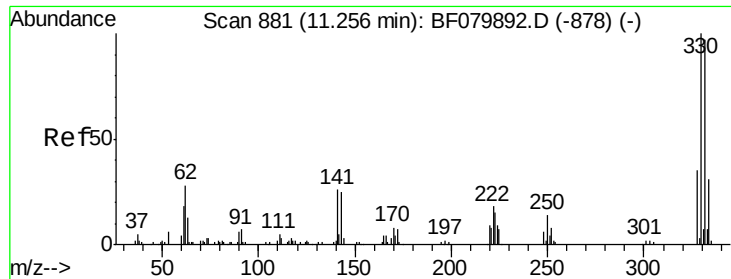
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion:164 Resp: 90174
 Ion Ratio Lower Upper
 164 100
 162 106.2 80.7 121.1
 160 46.7 34.6 51.8





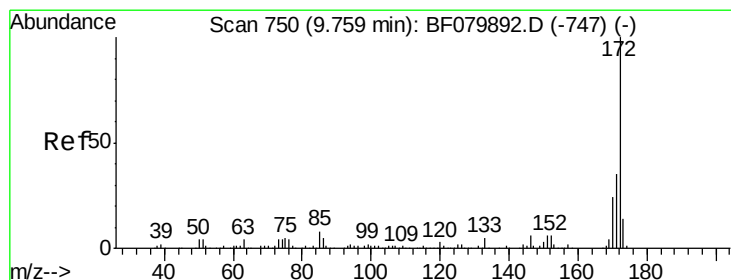
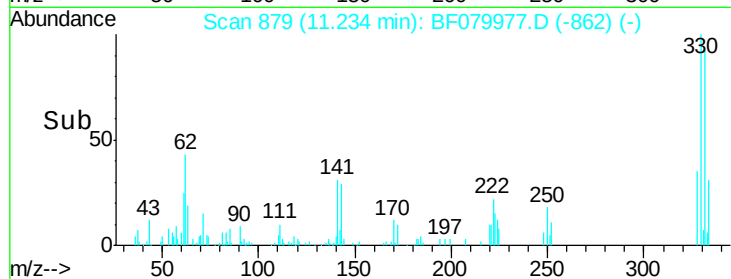
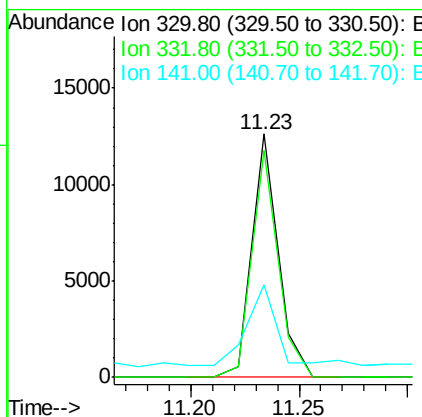
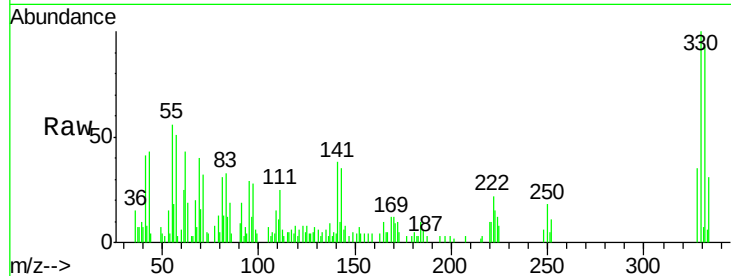
#41
 2,4,6-Tribromophenol
 Concen: 14.39 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	10610		
332	93.1	77.3	115.9	
141	44.1	26.8	40.2#	

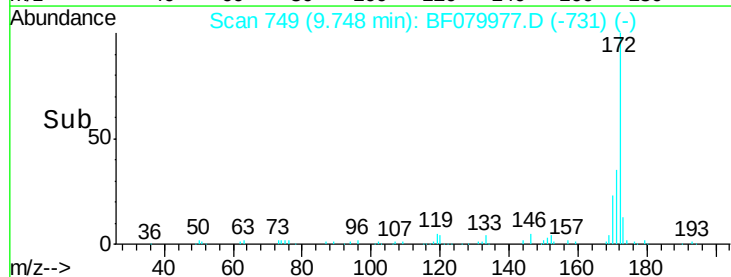
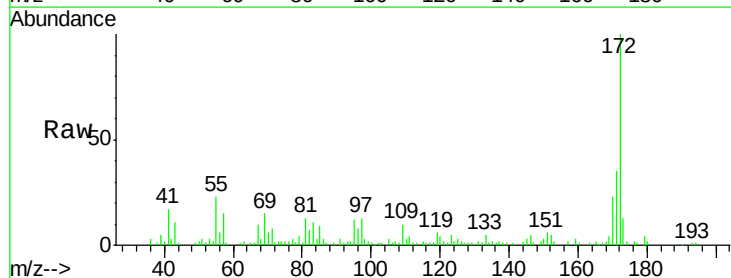
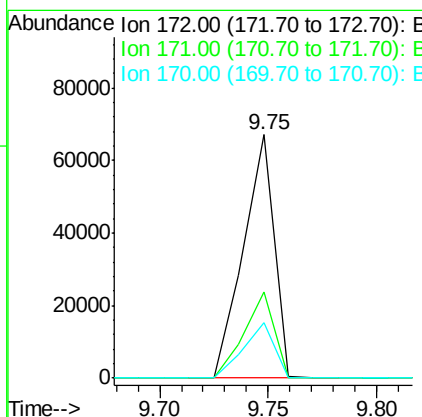
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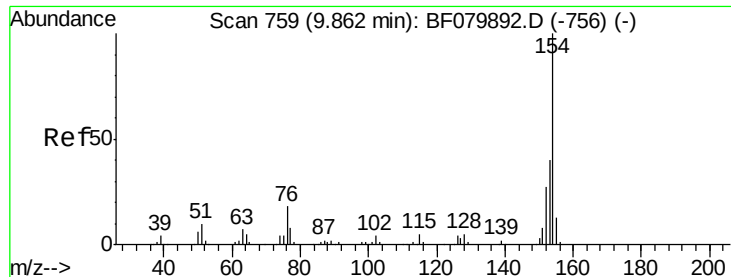
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#44
 2-Fluorobiphenyl
 Concen: 10.20 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079977.D
 Acq: 13 Jun 2015 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	65690		
171	35.4	28.3	42.5	
170	22.9	19.0	28.4	





#45

1,1'-Biphenyl

Concen: 3.33 ng

RT: 9.85 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

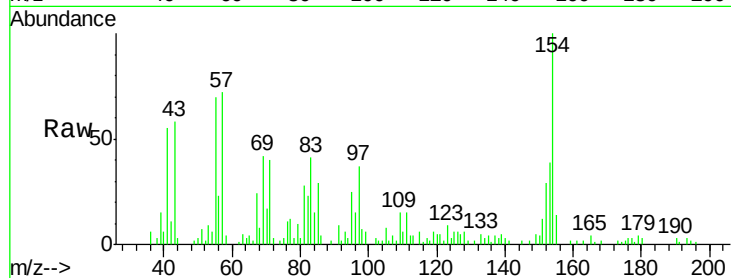
ClientSampleId :

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Tgt Ion:	154	Resp:	24321
Ion Ratio	Lower	Upper	
154	100		
153	38.7	20.1	60.1
76	11.1	0.0	38.4

Manual Integrations
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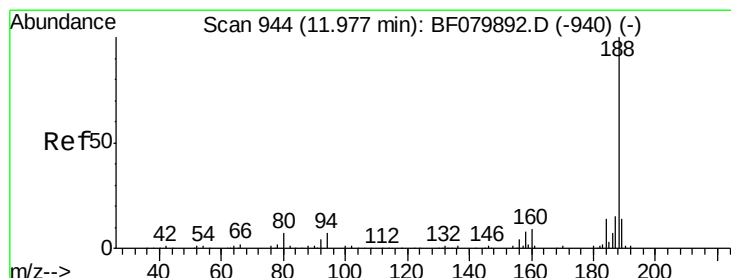
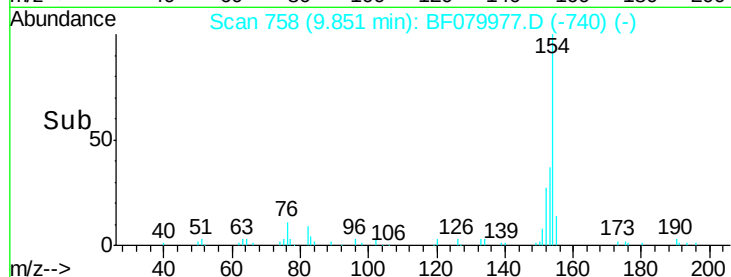
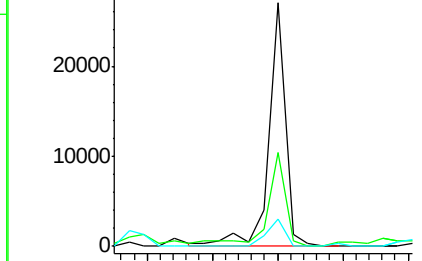
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

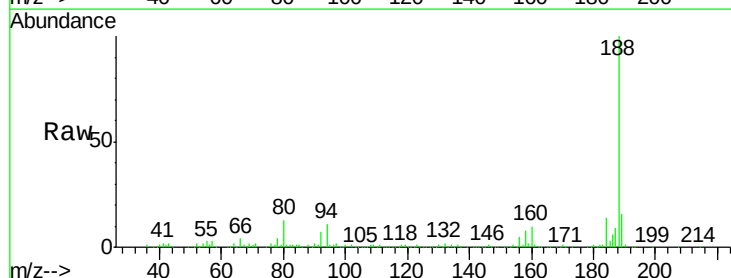
RT: 11.94 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

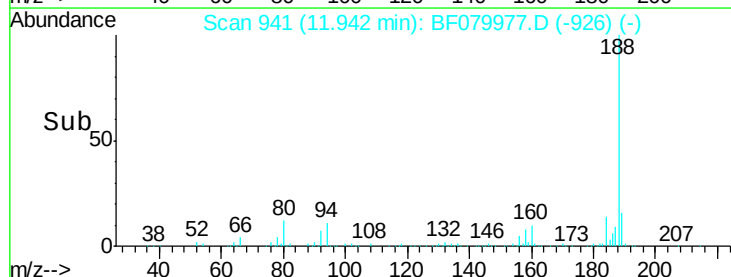
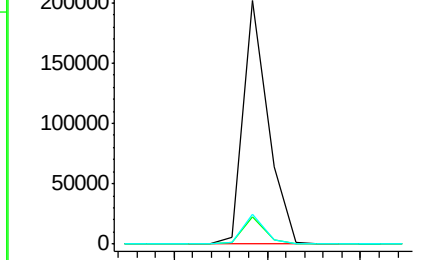
Tgt Ion:	188	Resp:	187144
Ion Ratio	Lower	Upper	
188	100		
94	11.2	5.8	8.8#
80	12.5	5.9	8.9#

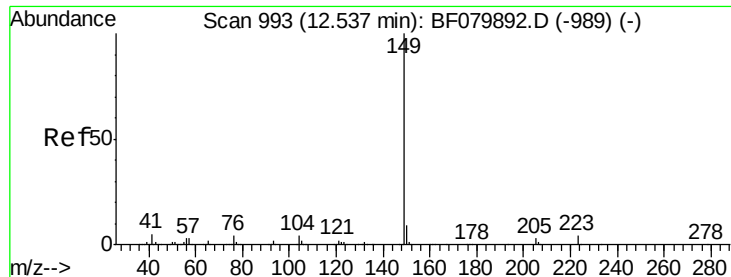


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 3.24 ng

RT: 12.49 min Scan# 989

Delta R.T. -0.07 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

ClientSampleId :

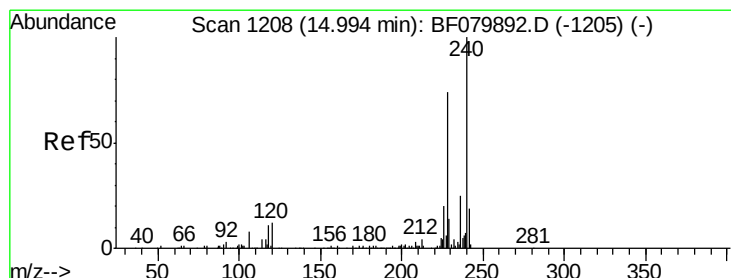
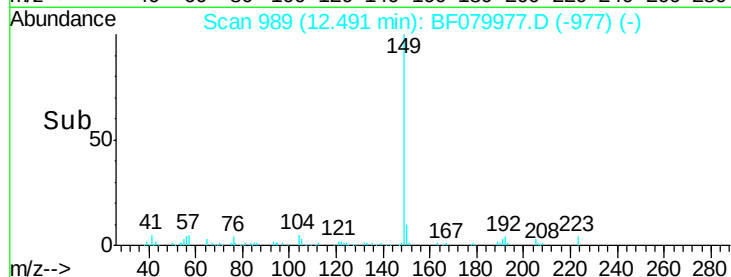
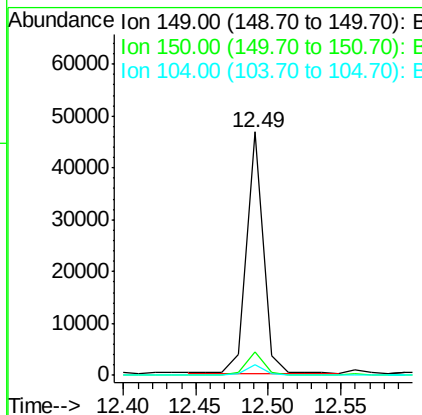
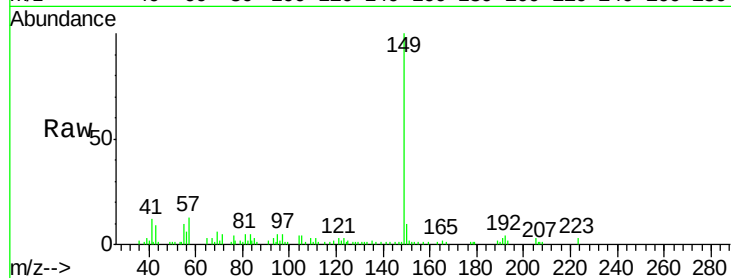
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Tgt Ion:	149	Resp:	36972
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.2	10.8
104	4.4	3.3	4.9



#75

Chrysene-d12

Concen: 20.00 ng m

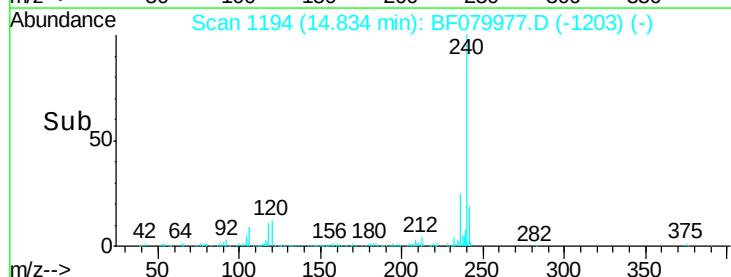
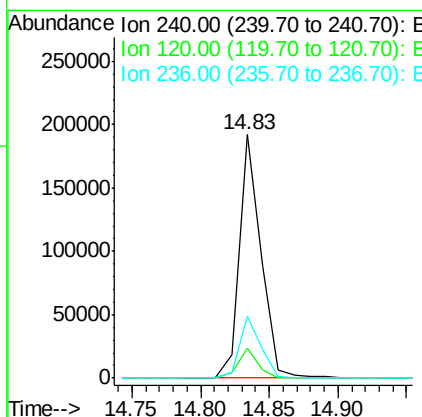
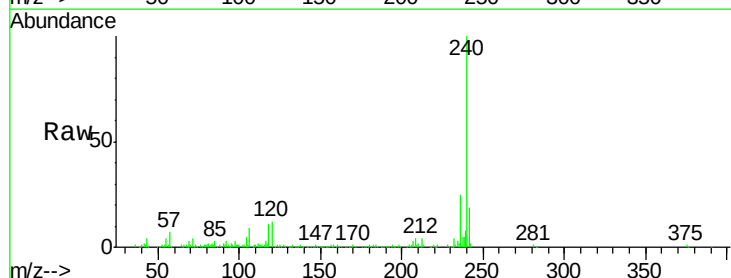
RT: 14.83 min Scan# 1194

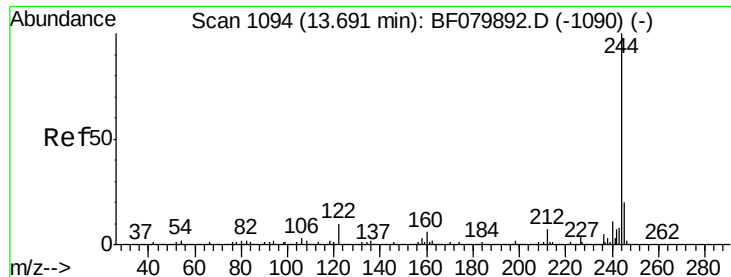
Delta R.T. -0.31 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Tgt Ion:	240	Resp:	212739
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.4	14.2
236	25.4	19.6	29.4





#78

Terphenyl-d14

Concen: 9.98 ng

RT: 13.60 min Scan# 1086

Delta R.T. -0.17 min

Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Instrument :

BNA_F

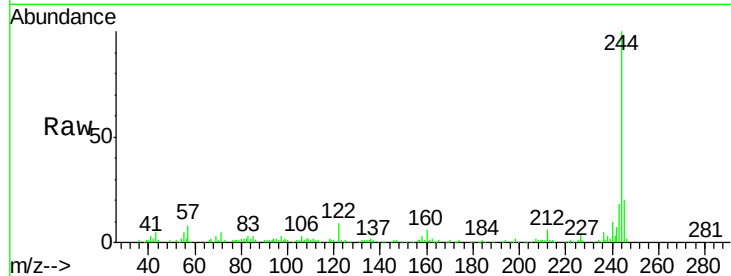
ClientSampled :

LAR9813

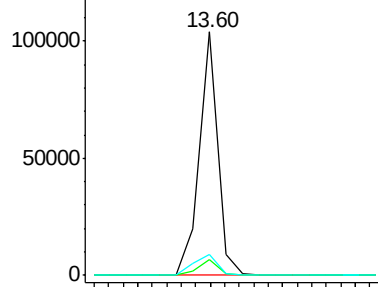
Tgt Ion:	244	Resp:	92076
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.2
122	8.8	7.8	11.8

Manual Integrations
APPROVED

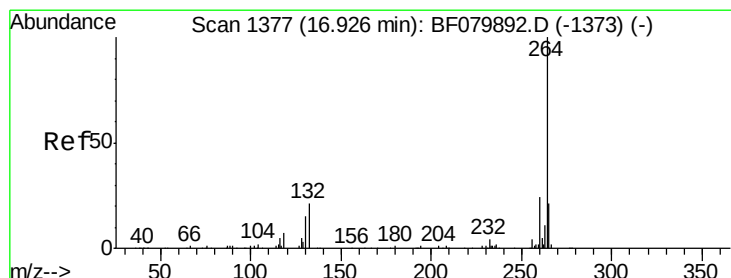
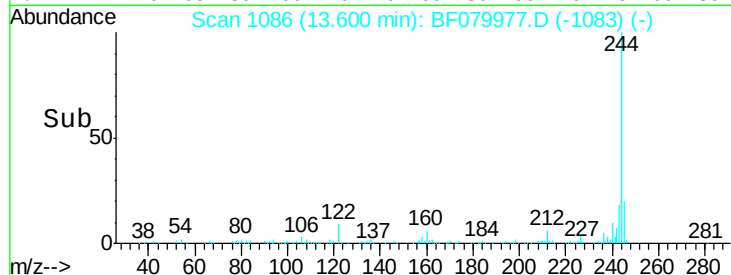
apatel
6/15/2015 1:01:19 PM



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



Time-->



#86

Perylene-d12

Concen: 20.00 ng m

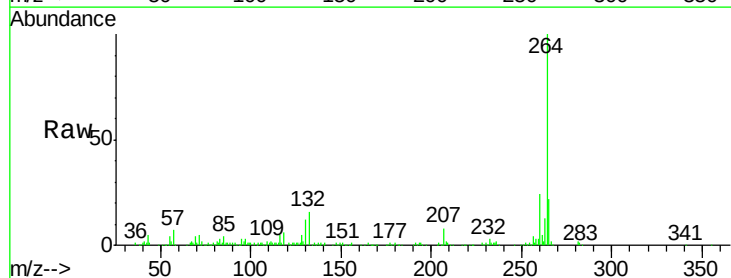
RT: 16.70 min Scan# 1357

Delta R.T. -0.40 min

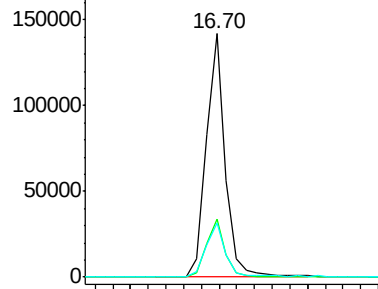
Lab File: BF079977.D

Acq: 13 Jun 2015 14:01

Tgt Ion:	264	Resp:	215856
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.3	28.9
265	22.1	17.0	25.6



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



Time-->

