

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
 Data File : BF090594.D
 Acq On : 15 Oct 2016 8:29
 Operator : UM/SJ
 Sample : H5227-04 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4

Manual Integrations
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Quant Time: Oct 17 01:17:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 12:44:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	229849	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	952906	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	479565	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	628743	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	465240	20.00	ng	-0.01
86) Perylene-d12	15.55	264	410348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	769250	61.35	ng	-0.01
7) Phenol-d6	6.54	99	1005581	53.98	ng	-0.01
23) Nitrobenzene-d5	7.48	82	637041	37.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	167978	39.29	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	887412	30.49	ng	0.00
78) Terphenyl-d14	13.04	244	641040	32.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.67	163	237847	7.64	ng	98
74) Fluoranthene	12.67	202	79461	2.35	ng	99
77) Pyrene	12.89	202	72189	2.34	ng	98

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

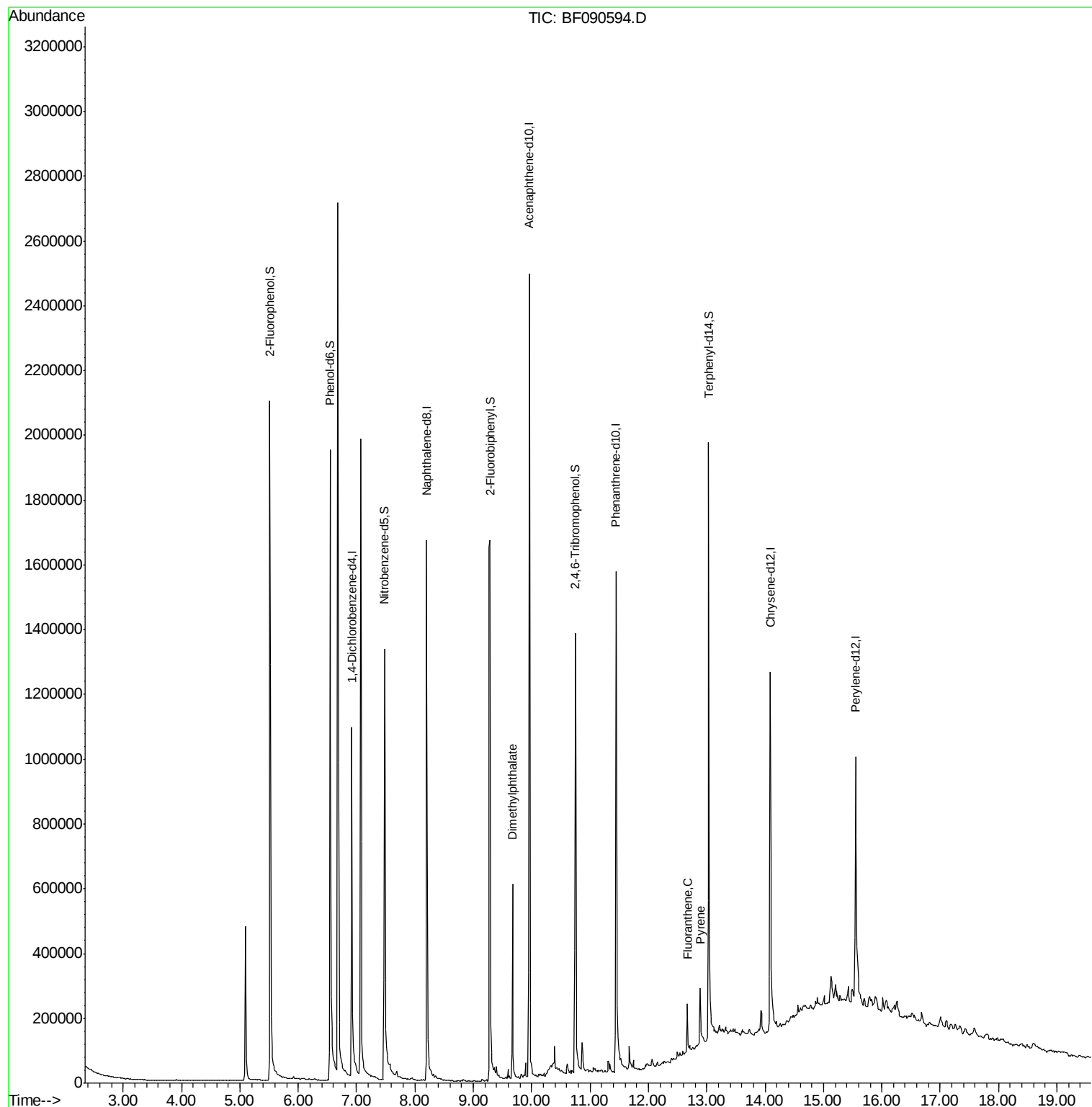
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090594.D
Acq On : 15 Oct 2016 8:29
Operator : UM/SJ
Sample : H5227-04 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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#1

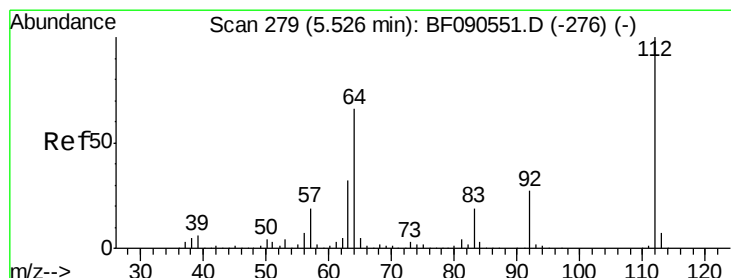
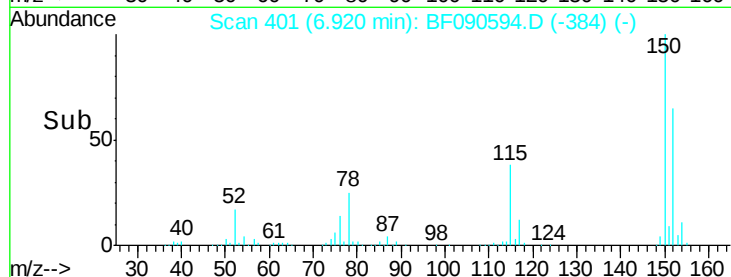
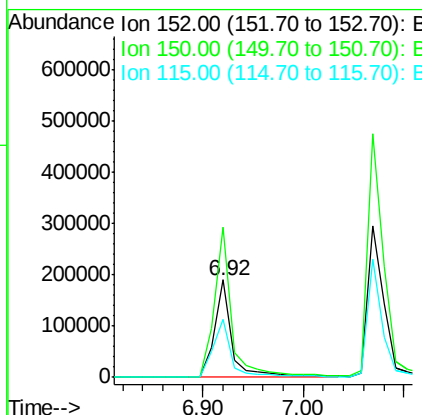
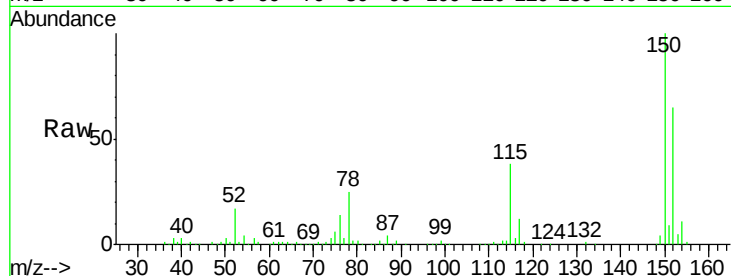
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090594.D
Acq: 15 Oct 2016 8:29

Instrument :
BNA_F
ClientSampled :
4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.2	190.8
115	59.0	58.6	88.0

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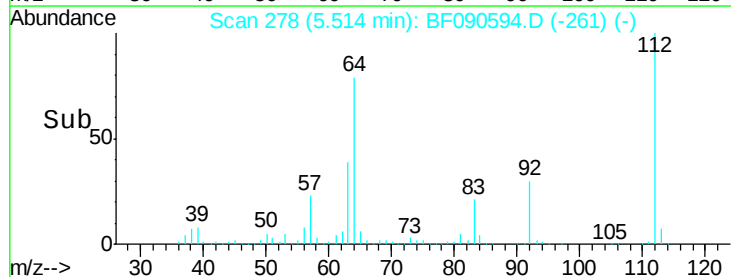
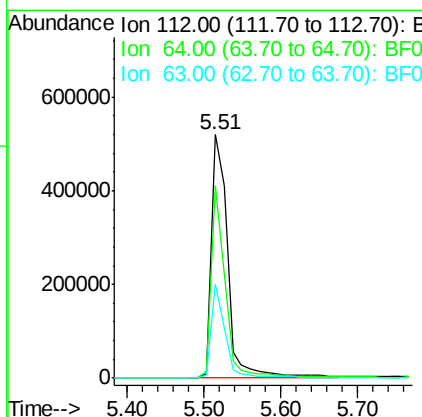
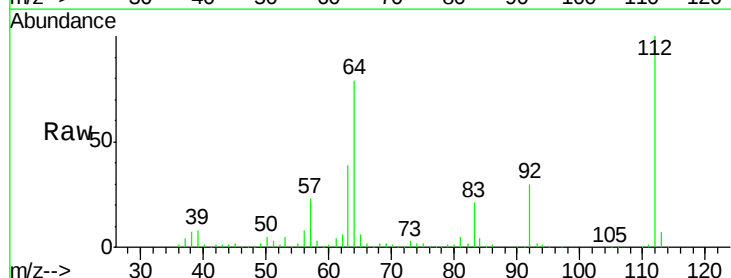
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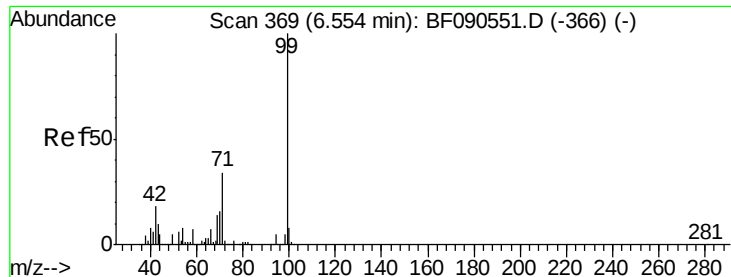


#5

2-Fluorophenol
Concen: 61.35 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF090594.D
Acq: 15 Oct 2016 8:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.1	52.6	78.8#
63	38.8	26.0	39.0





#7

Phenol-d6

Concen: 53.98 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Instrument :

BNA_F

ClientSampleId :

4

Tot Ion: 99 Resp: 1005581

Ion Ratio Lower Upper

99 100

42 18.3 14.7 22.1

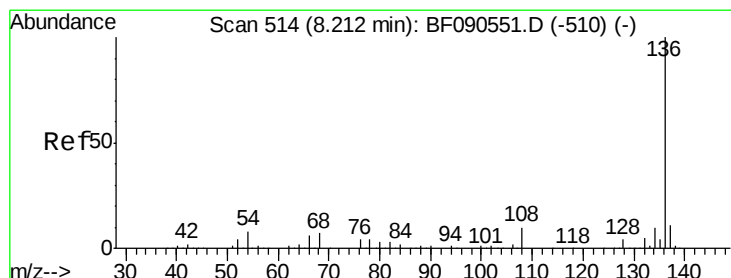
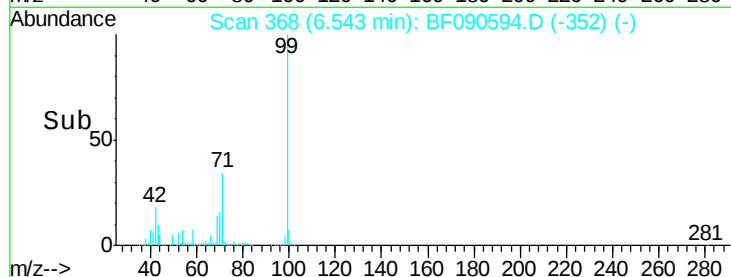
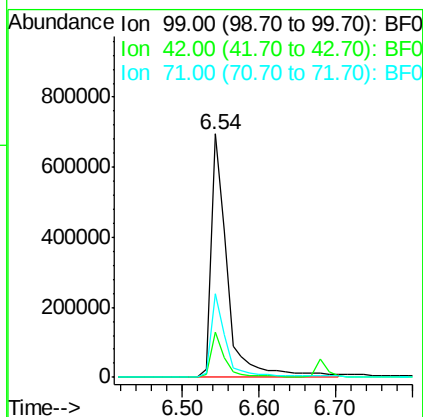
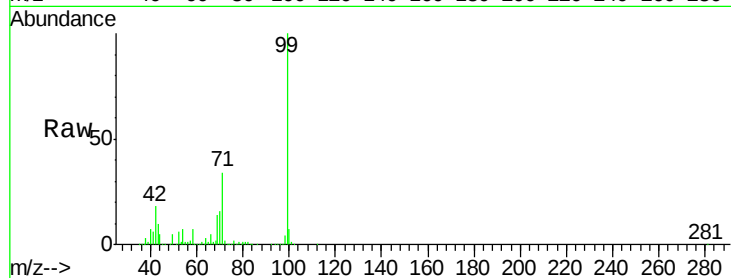
71 34.1 27.6 41.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Tgt Ion: 136 Resp: 952906

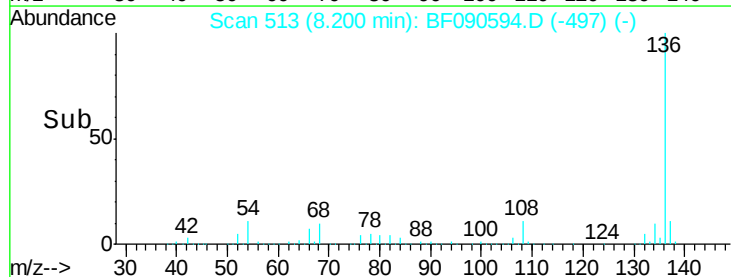
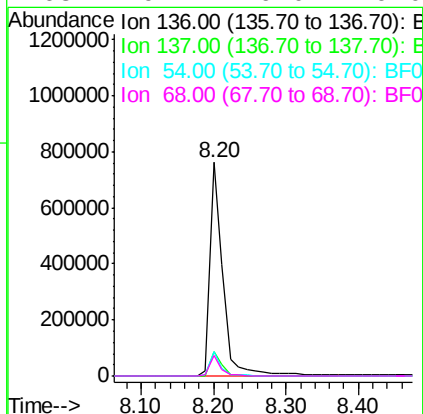
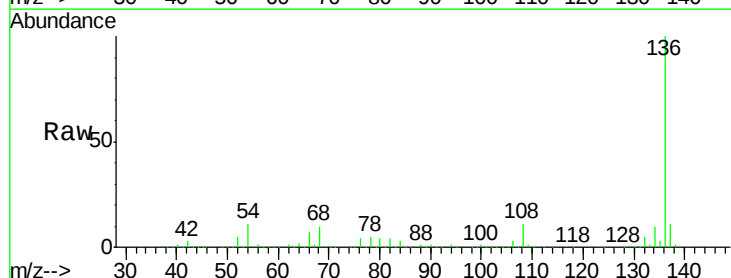
Ion Ratio Lower Upper

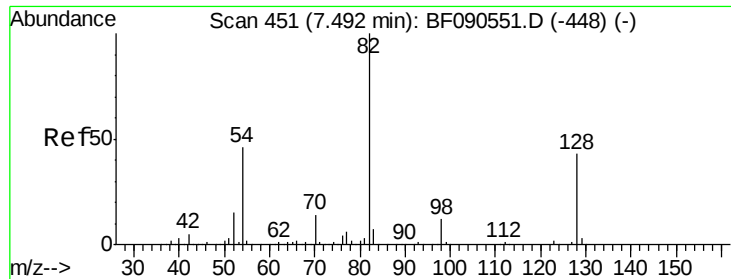
136 100

137 11.3 8.8 13.2

54 11.3 6.8 10.2#

68 9.7 6.0 9.0#





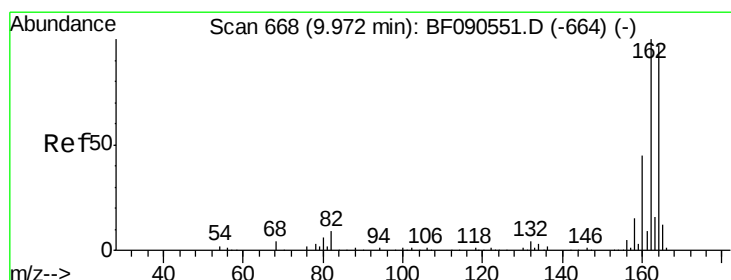
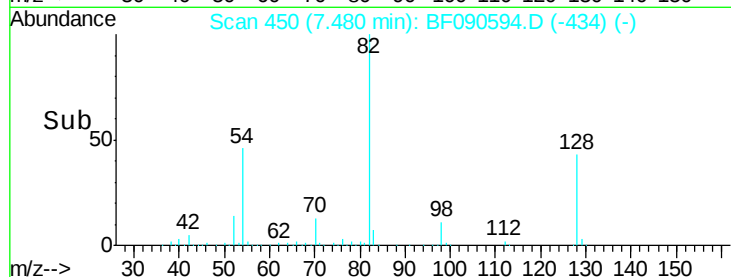
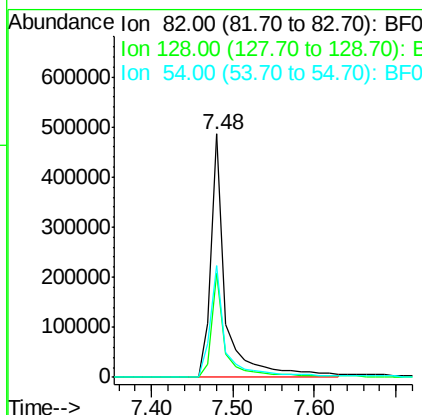
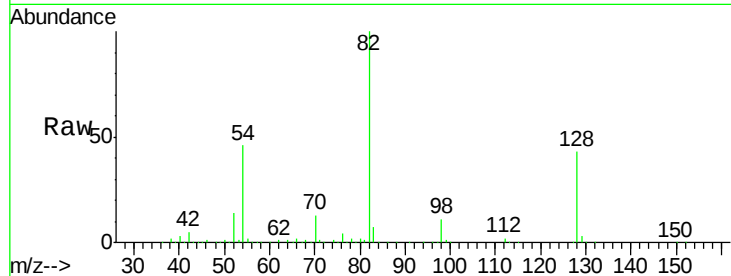
#23
 Nitrobenzene-d5
 Concen: 37.14 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090594.D
 Acq: 15 Oct 2016 8:29

Instrument :
 BNA_F
 ClientSampled :
 4

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.3	51.5
54	46.0	37.0	55.6

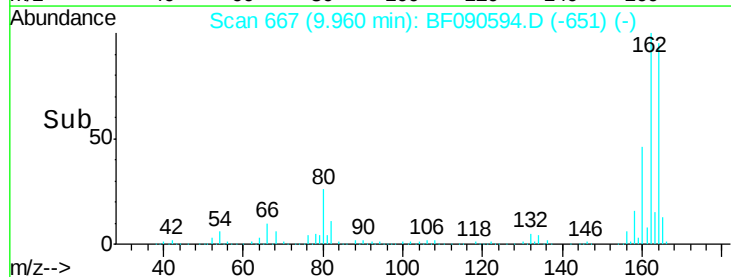
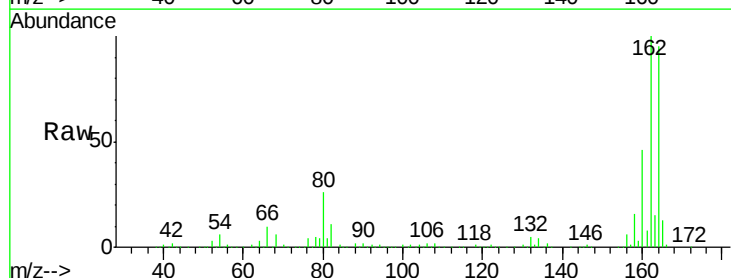
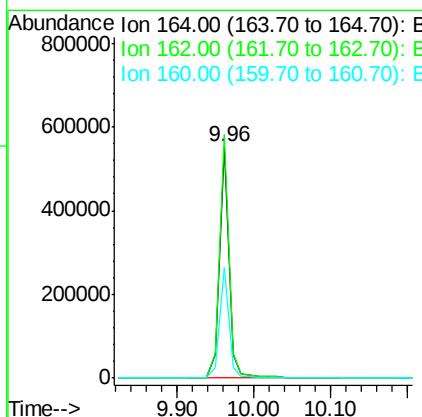
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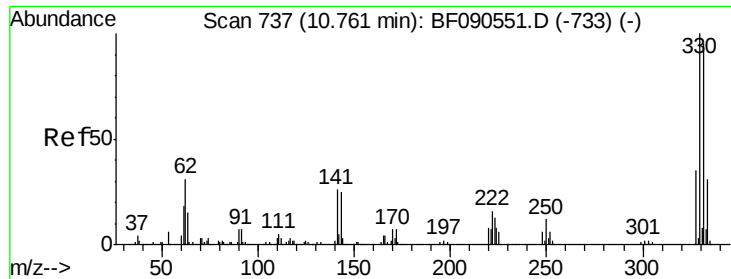
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090594.D
 Acq: 15 Oct 2016 8:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.2	123.4
160	48.0	36.6	55.0





#41

2,4,6-Tribromophenol

Concen: 39.29 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Instrument :

BNA_F

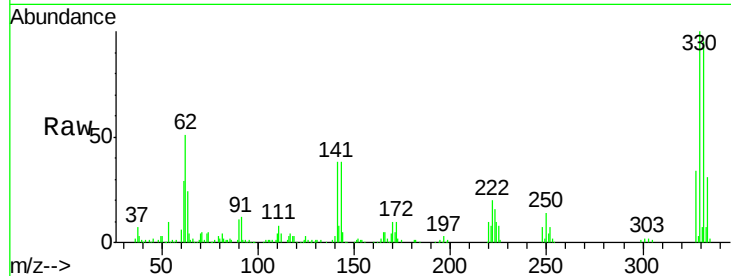
ClientSampled :

4

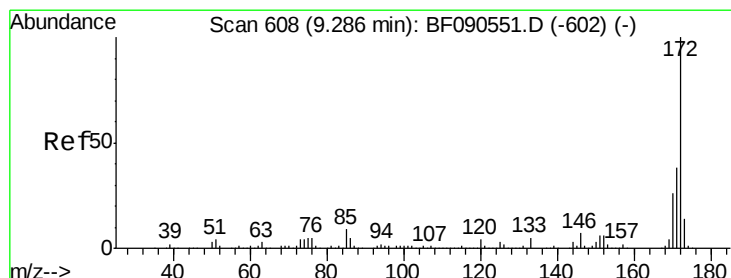
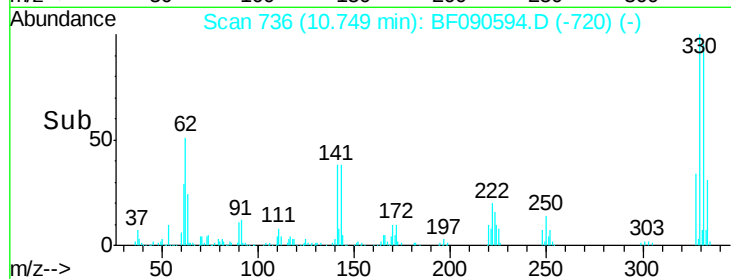
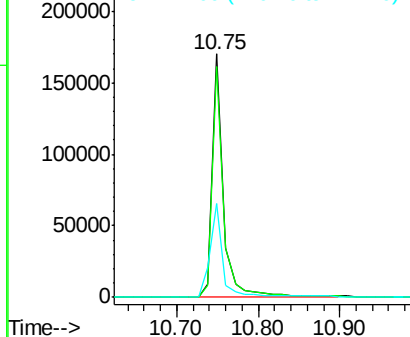
Tot Ion:	330	Resp:	167978
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.2	114.2
141	43.4	31.4	47.2

Manual Integrations
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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: 30.49 ng

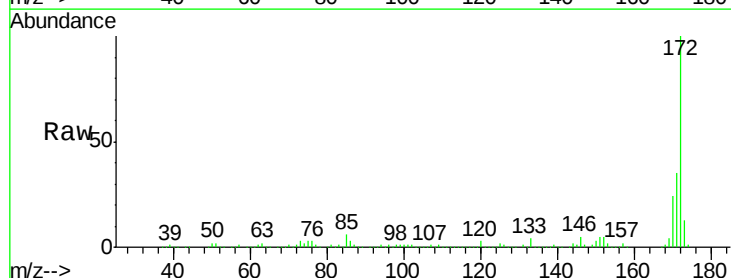
RT: 9.29 min Scan# 608

Delta R.T. -0.00 min

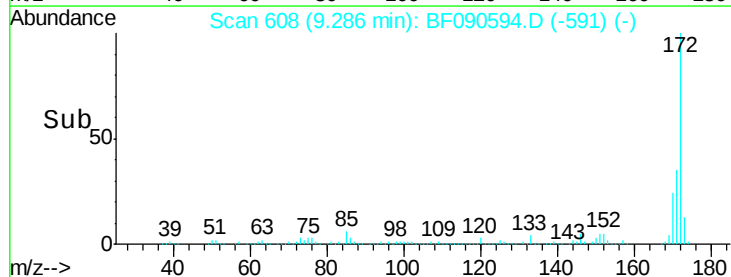
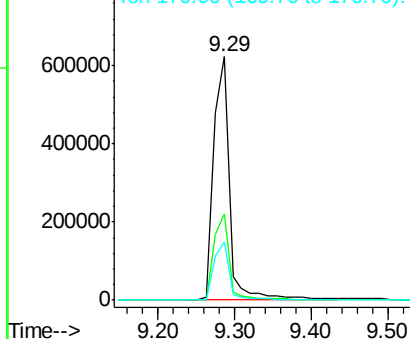
Lab File: BF090594.D

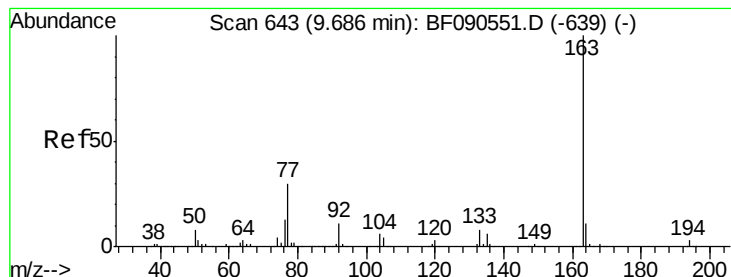
Acq: 15 Oct 2016 8:29

Tgt Ion:	172	Resp:	887412
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.1	45.1
170	23.9	20.6	30.8



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





#49

Dimethylphthalate

Concen: 7.64 ng

RT: 9.67 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Instrument :

BNA_F

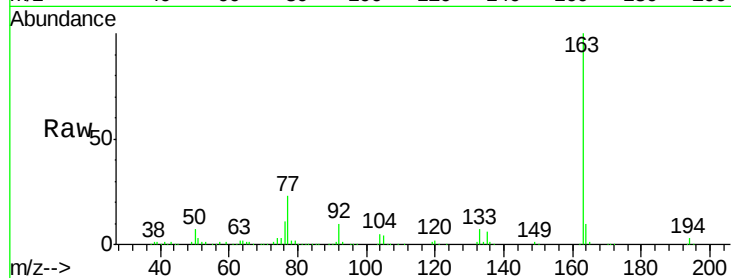
ClientSampled :

4

Tot Ion:	163	Resp:	237847
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.3	3.5
164	9.7	8.6	13.0

Manual Integrations
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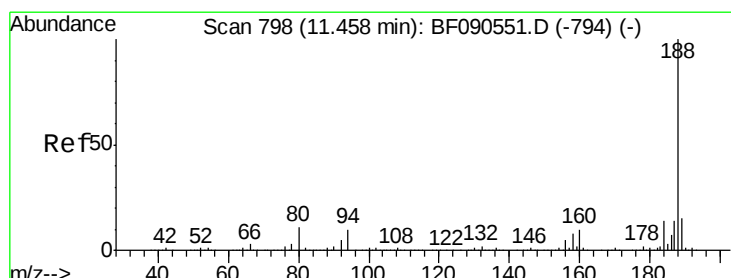
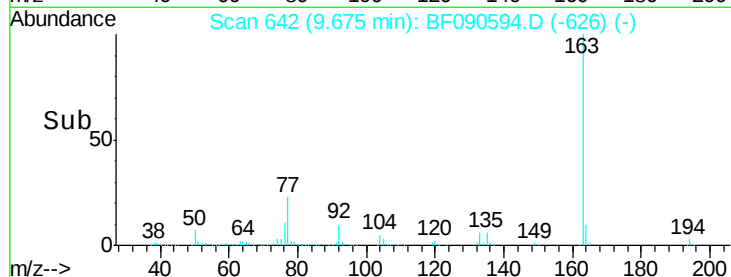
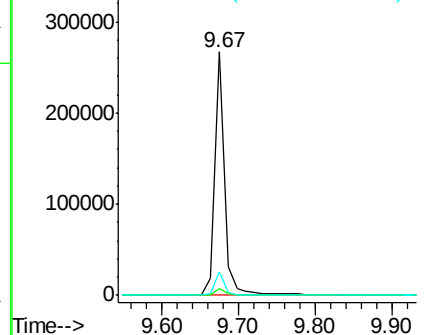
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

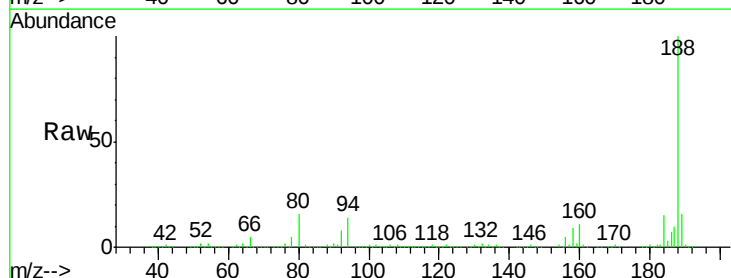
RT: 11.45 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

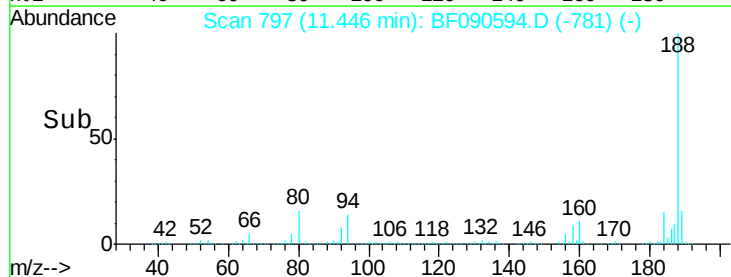
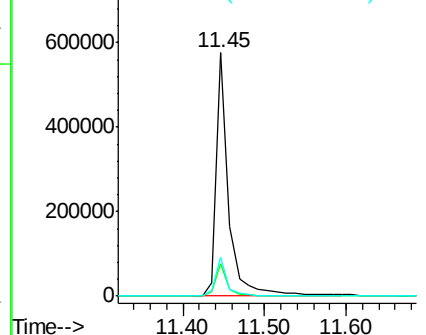
Tgt Ion:	188	Resp:	628743
Ion Ratio	Lower	Upper	
188	100		
94	13.6	7.7	11.5#
80	16.0	8.6	12.8#

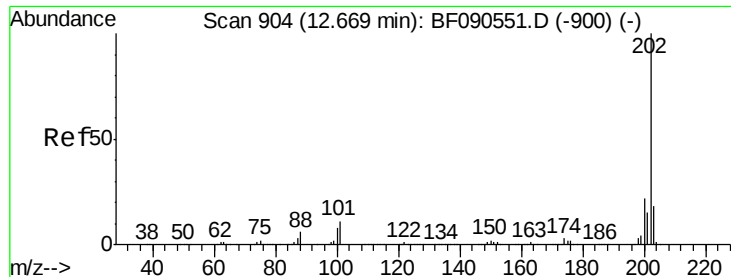


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.35 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Instrument :

BNA_F

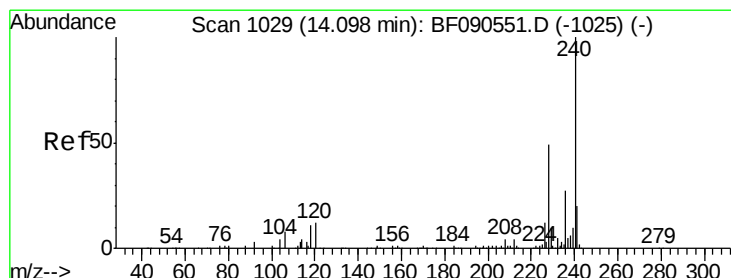
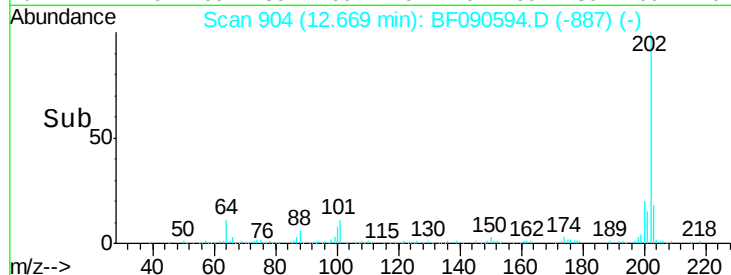
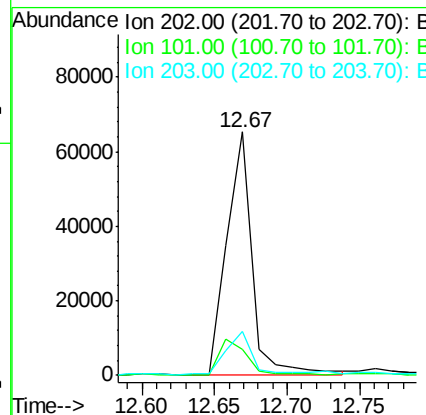
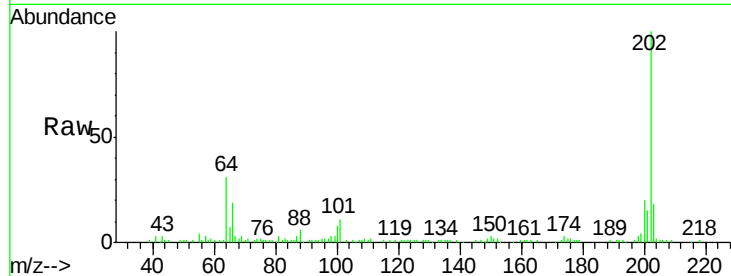
ClientSampled :

4

Tot Ion:	202	Resp:	79461
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.1
203	18.0	0.0	38.0

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#75

Chrysene-d12

Concen: 20.00 ng

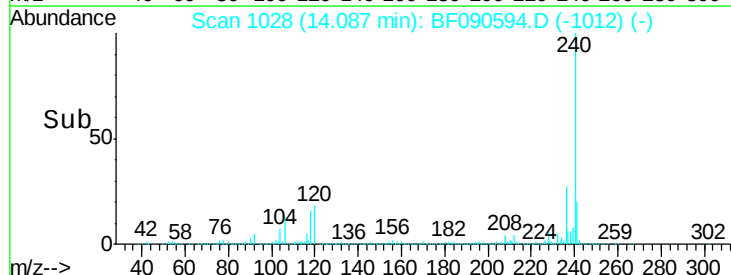
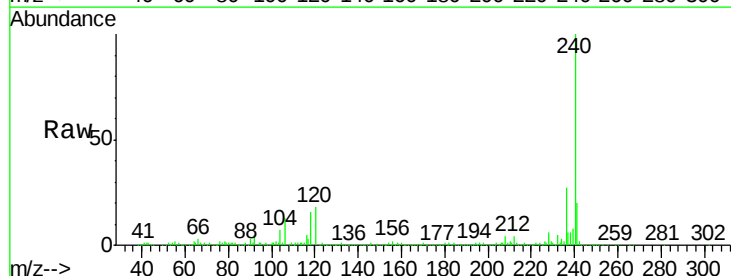
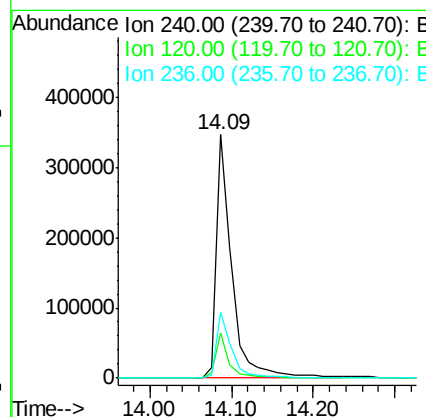
RT: 14.09 min Scan# 1028

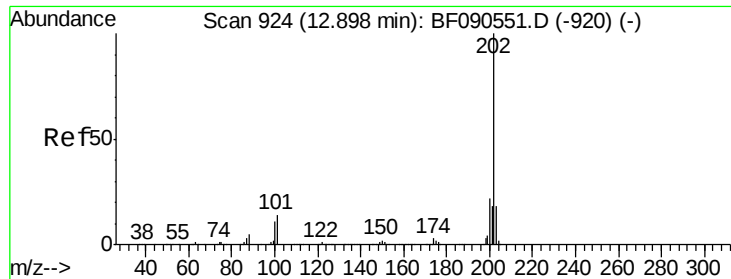
Delta R.T. -0.01 min

Lab File: BF090594.D

Acq: 15 Oct 2016 8:29

Tgt Ion:	240	Resp:	465240
Ion Ratio	Lower	Upper	
240	100		
120	18.5	9.8	14.8#
236	27.2	21.7	32.5





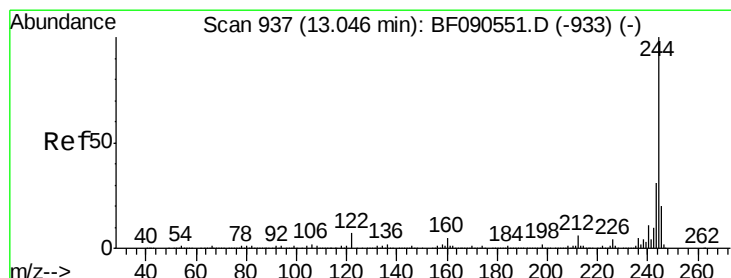
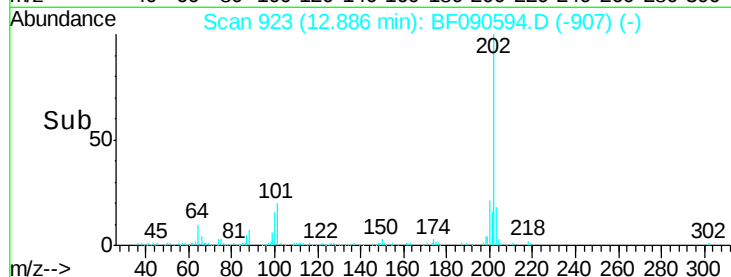
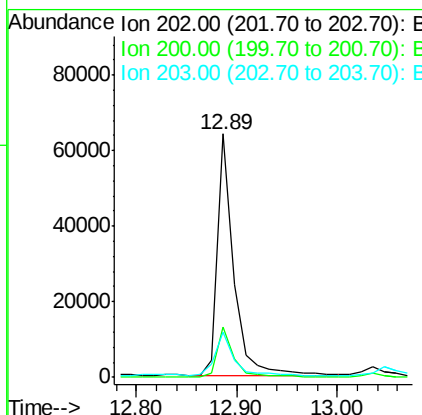
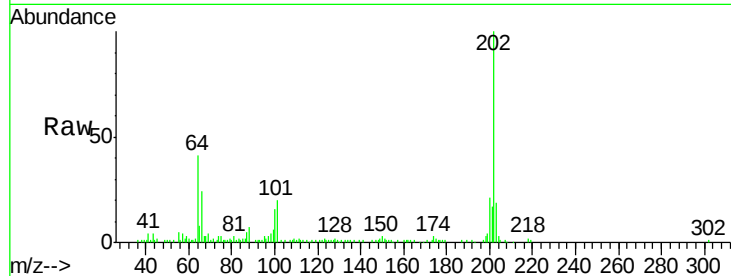
#77
Pvrene
Concen: 2.34 ng
RT: 12.89 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF090594.D
Acq: 15 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		72189		
200	20.7	17.8		26.6	
203	18.7	14.6		21.8	

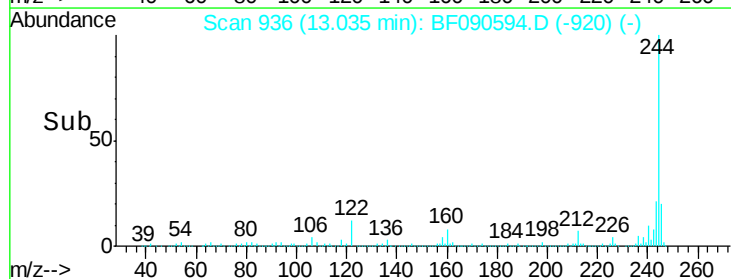
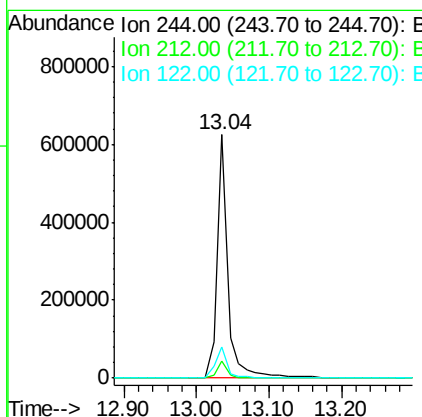
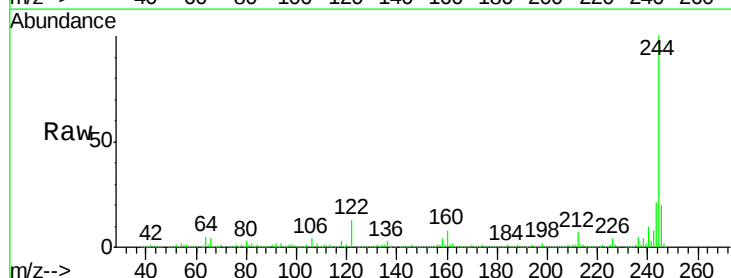
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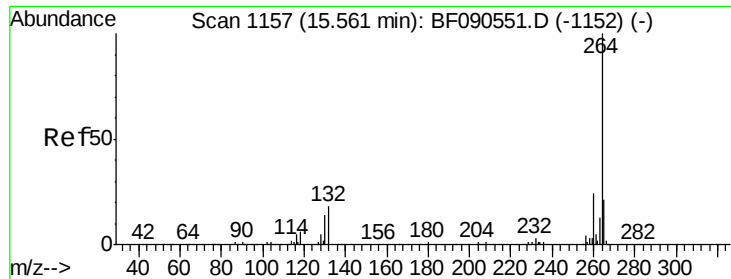
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#78
Terphenyl-d14
Concen: 32.08 ng
RT: 13.04 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF090594.D
Acq: 15 Oct 2016 8:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		641040		
212	7.0	5.0		7.4	
122	12.5	5.6		8.4#	





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF090594.D
Acq: 15 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
410348	264	100			
	260	26.0		19.3	28.9
	265	22.2		16.7	25.1

Manual Integrations
APPROVED

sohil
10/17/2016 6:38:13 PM

