

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
 Data File : BG015962.D
 Acq On : 28 Jan 2015 1:27
 Operator : TP/IZ
 Sample : G1159-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(14-16)

Manual Integrations
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Quant Time: Jan 28 04:55:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 01:36:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	86055	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	336160	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	272589	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	727931	20.00	ng	0.00
75) Chrysene-d12	21.27	240	977557	20.00	ng	0.00
86) Perylene-d12	23.53	264	963499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	650882	112.63	ng	0.00
7) Phenol-d6	6.87	99	1011494	108.62	ng	0.00
23) Nitrobenzene-d5	8.84	82	785302	67.34	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	607475	121.73	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	1492337	85.90	ng	0.00
78) Terphenyl-d14	19.71	244	2878145	83.11	ng	0.00
Target Compounds						
10) Phenol	6.89	94	41528	3.91	ng	90
49) Dimethylphthalate	13.79	163	54788	2.79	ng	# 95
74) Fluoranthene	19.14	202	174663	3.58	ng	99
77) Pyrene	19.51	202	151567	3.26	ng	94
87) Benzo(b)fluoranthene	22.84	252	120588	2.19	ng	# 90

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

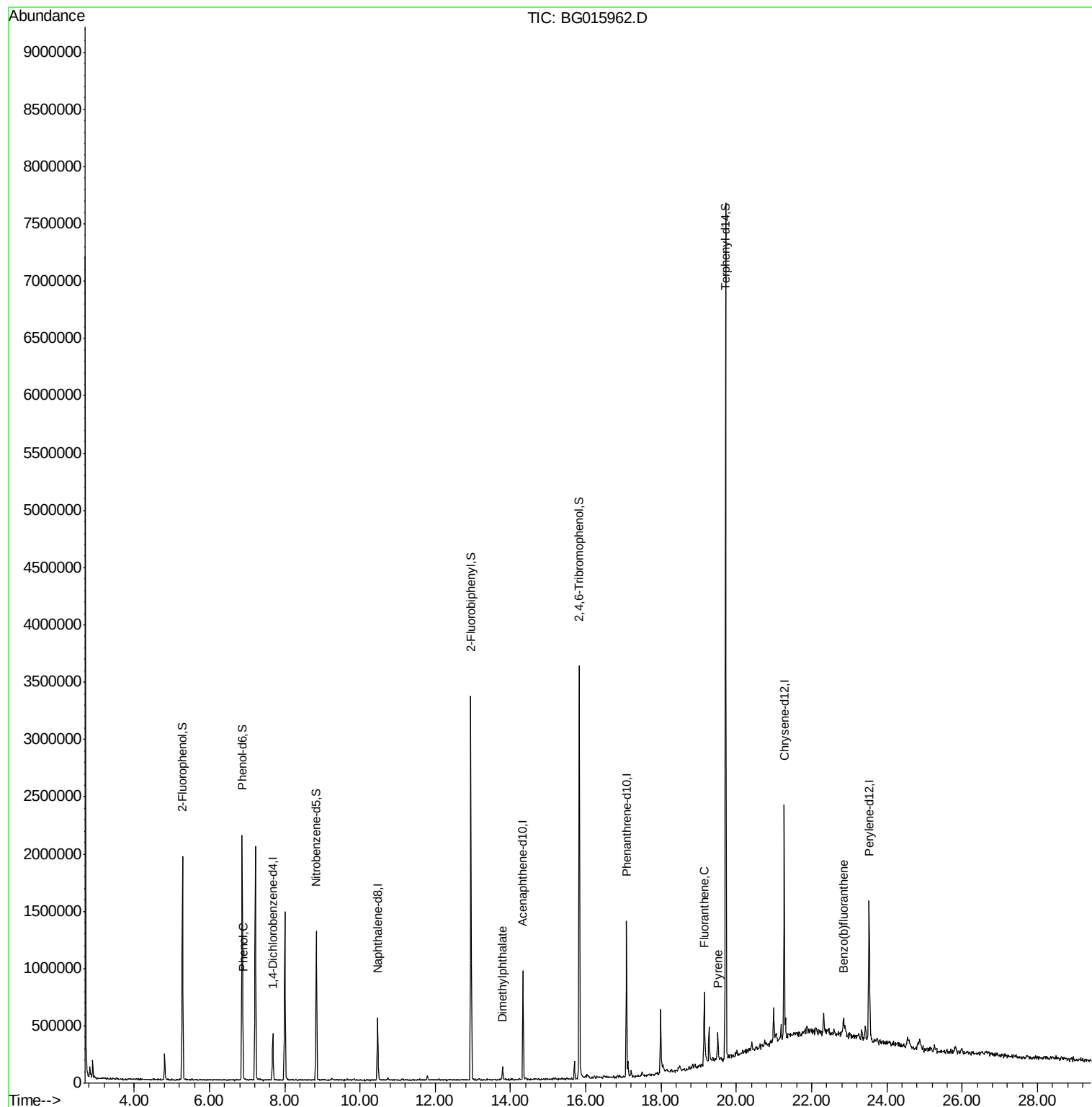
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015962.D
Acq On : 28 Jan 2015 1:27
Operator : TP/IZ
Sample : G1159-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

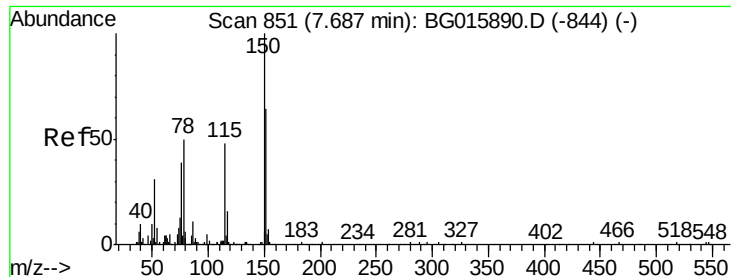
Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

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#1

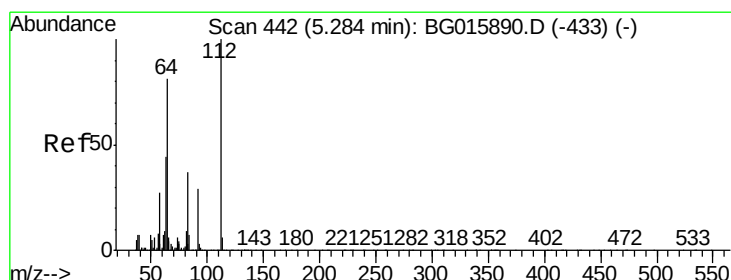
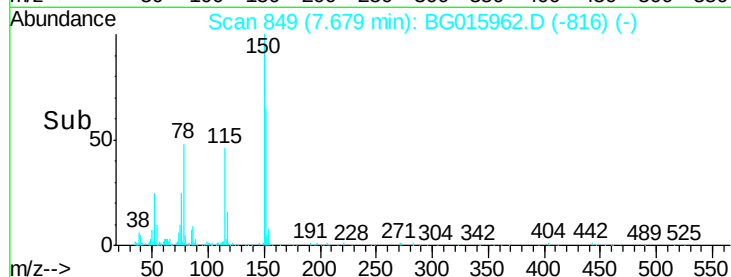
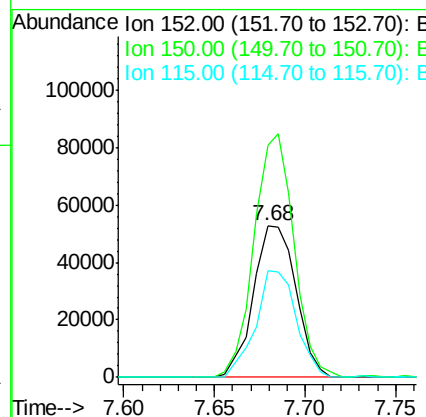
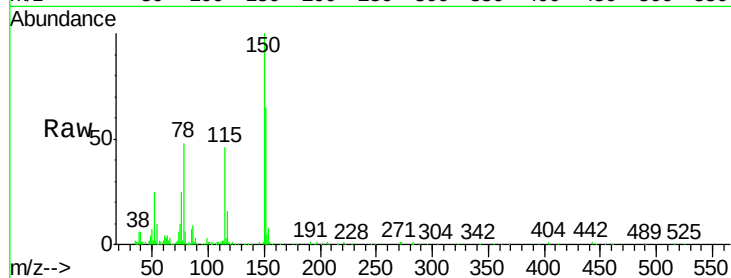
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.01 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	86055		
150	152.8	124.5	186.7	
115	70.4	60.4	90.6	

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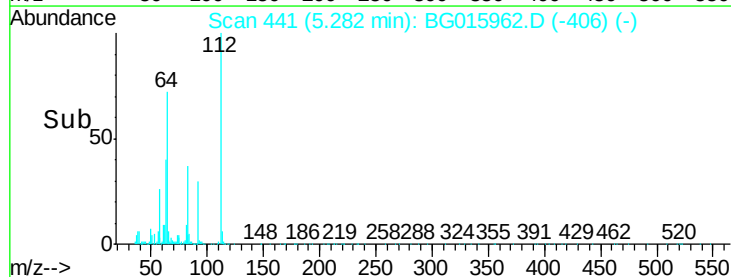
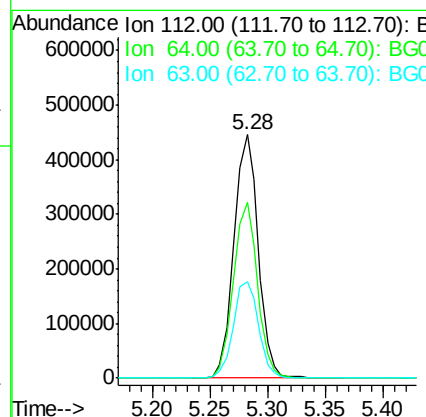
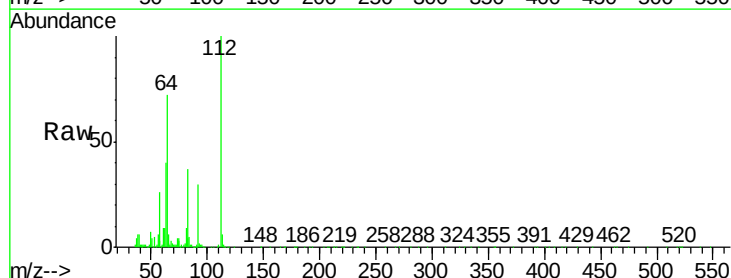
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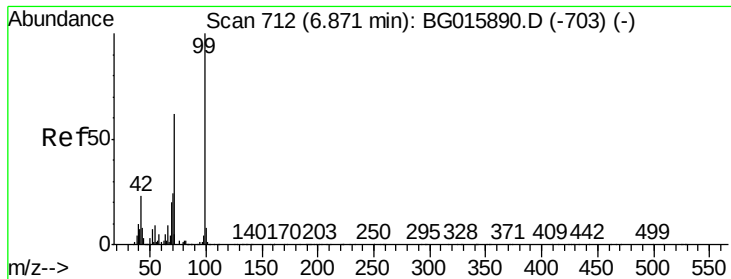


#5

2-Fluorophenol
Concen: 112.63 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	650882		
64	72.0	64.4	96.6	
63	39.7	35.1	52.7	





#7

Phenol-d6

Concen: 108.62 ng

RT: 6.87 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

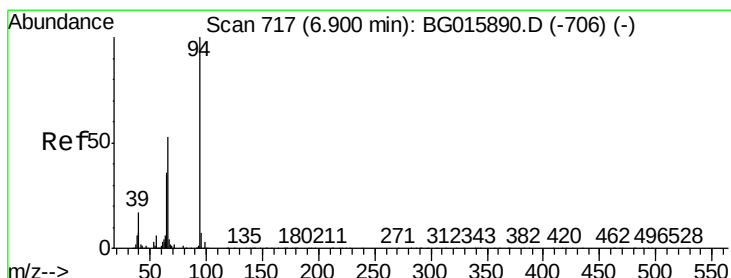
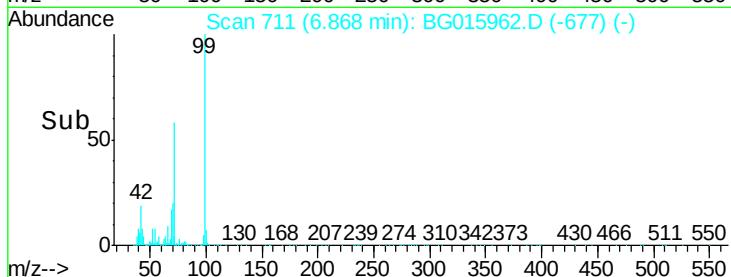
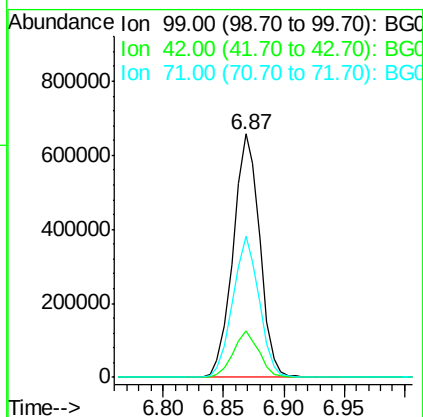
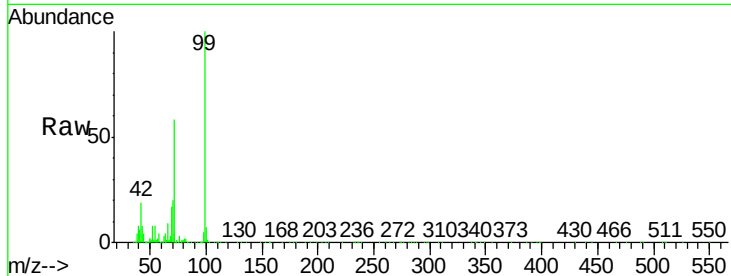
ClientSampleId :

SB-73(14-16)

Tgt Ion:	99	Resp:	1011494
Ion	Ratio	Lower	Upper
99	100		
42	19.1	18.1	27.1
71	58.0	49.8	74.8

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#10

Phenol

Concen: 3.91 ng

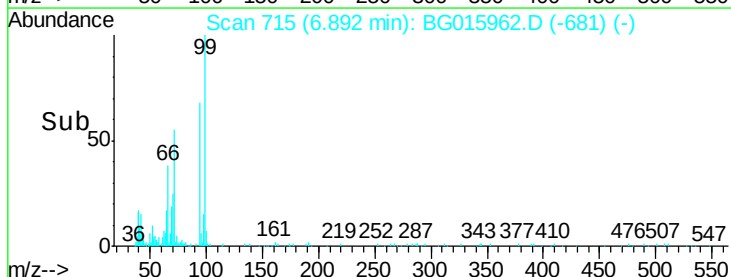
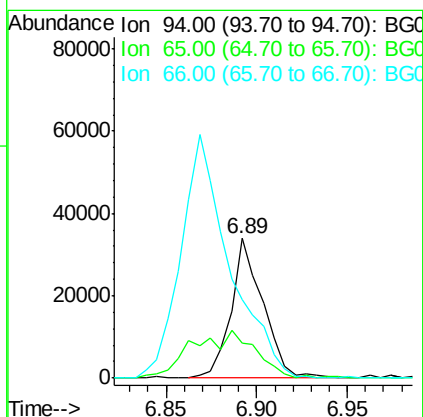
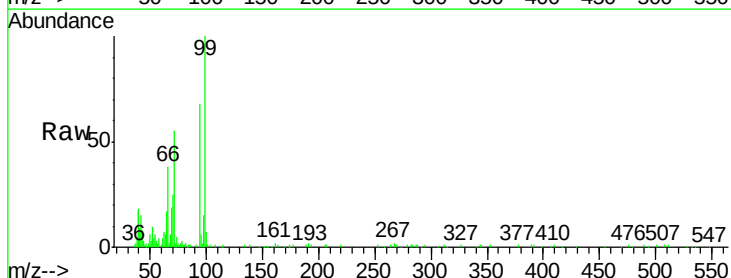
RT: 6.89 min Scan# 715

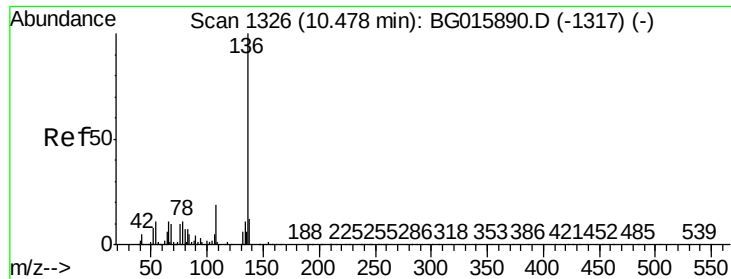
Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Tgt Ion:	94	Resp:	41528
Ion	Ratio	Lower	Upper
94	100		
65	25.4	16.5	56.5
66	56.3	33.3	73.3





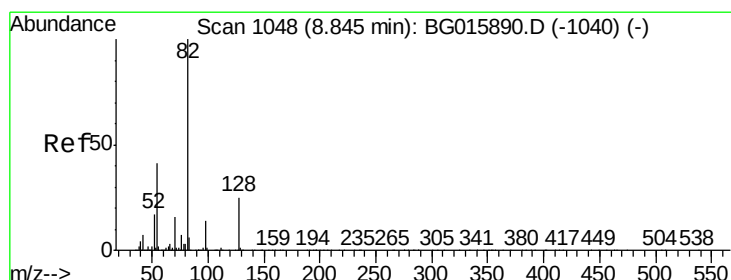
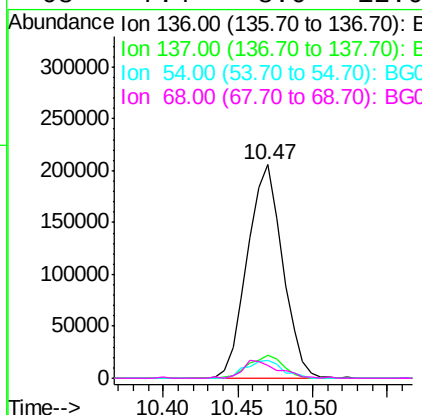
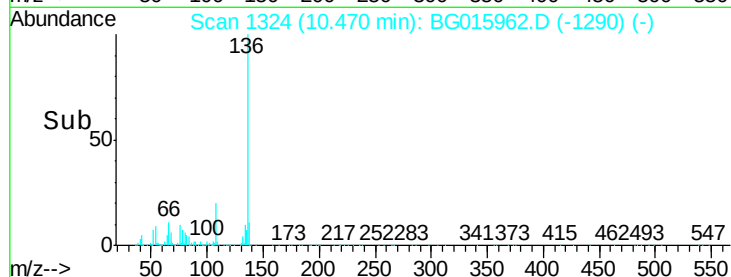
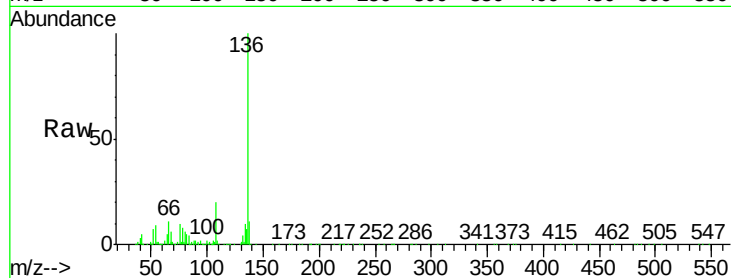
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.5	9.7	14.5
54	8.6	8.5	12.7
68	7.4	8.0	12.0#

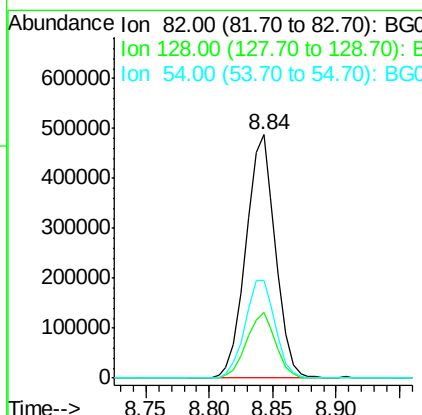
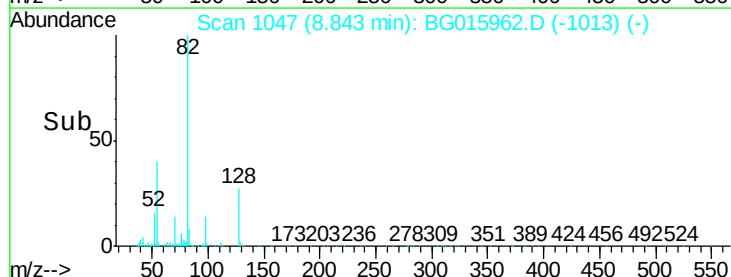
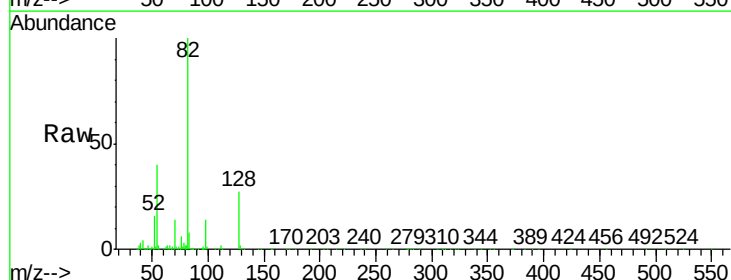
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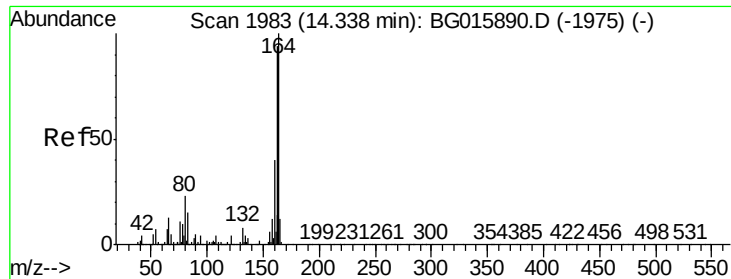
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#23
Nitrobenzene-d5
Concen: 67.34 ng
RT: 8.84 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	27.2	19.8	29.8
54	39.9	33.0	49.4





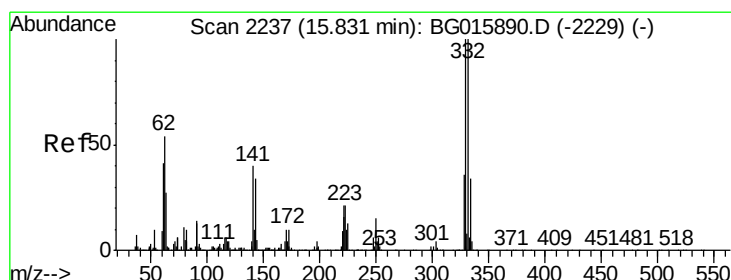
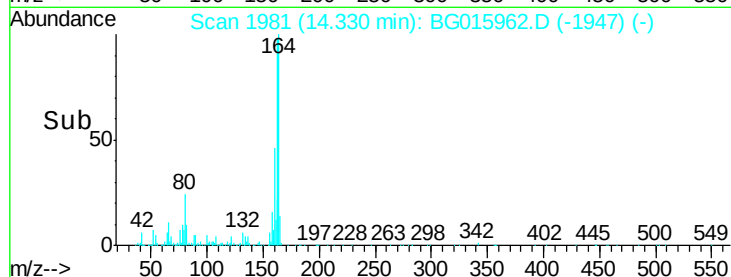
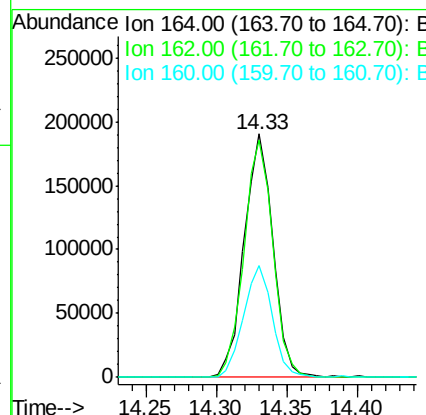
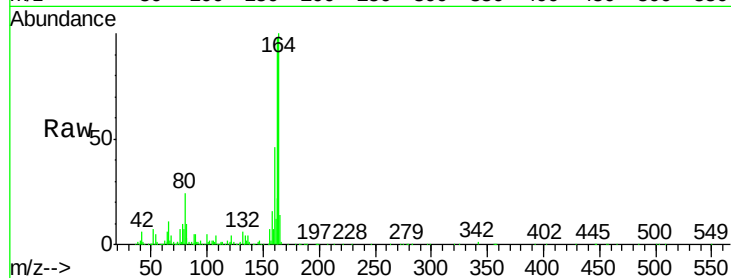
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272589		
162	97.7	75.1	112.7	
160	45.9	32.3	48.5	

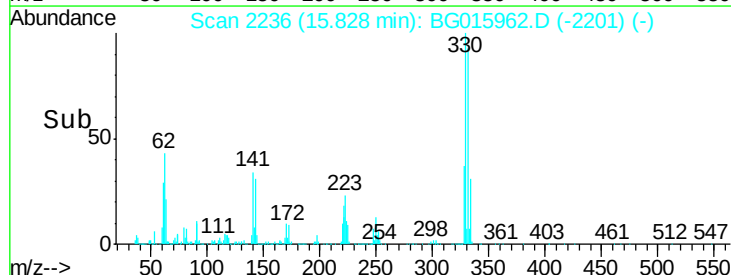
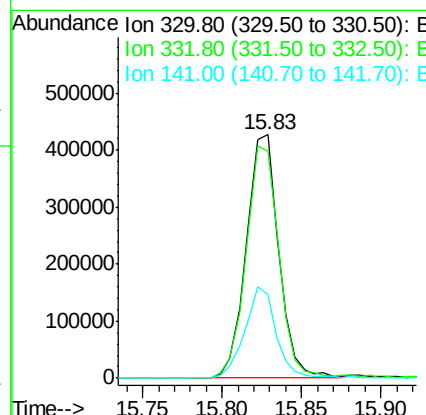
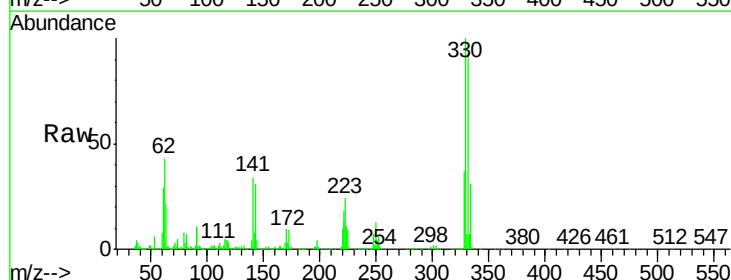
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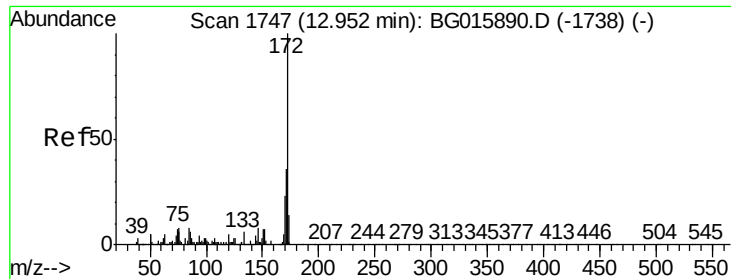
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#41
2,4,6-Tribromophenol
Concen: 121.73 ng
RT: 15.83 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	607475		
332	96.7	75.4	113.0	
141	36.3	33.0	49.6	





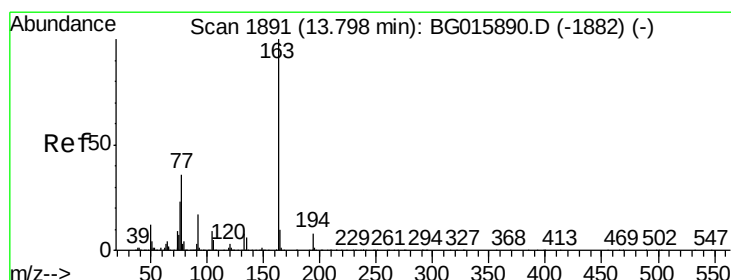
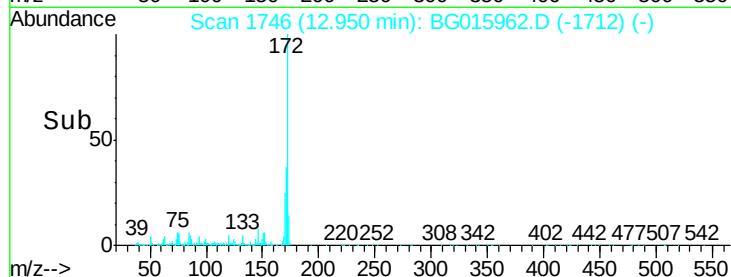
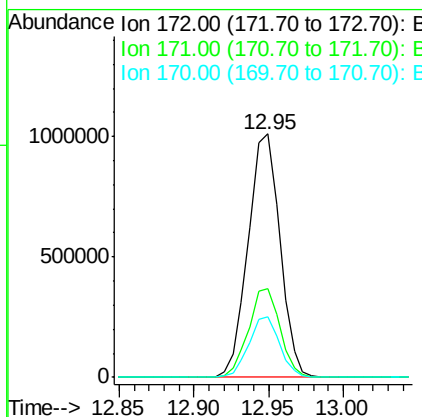
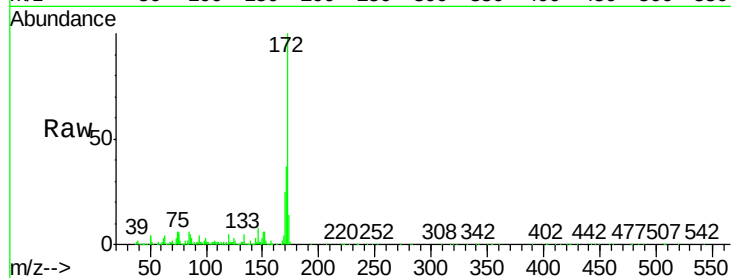
#44
2-Fluorobiphenyl
Concen: 85.90 ng
RT: 12.95 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Instrument :
BNA_G
ClientSampleId :
SB-73(14-16)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.7	18.6	27.8

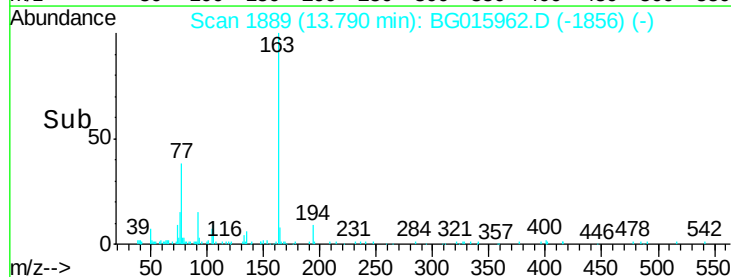
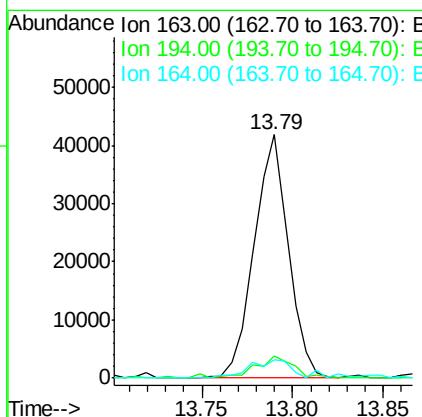
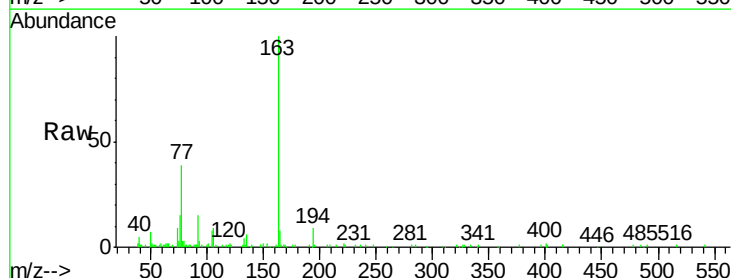
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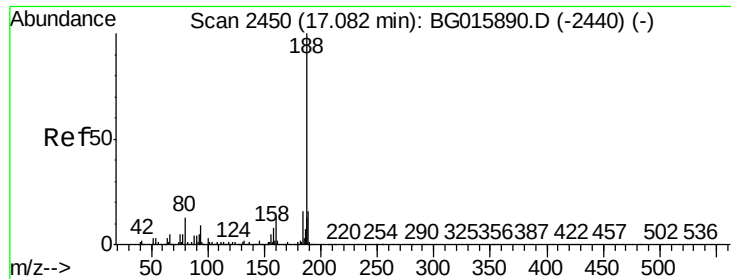
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#49
Dimethylphthalate
Concen: 2.79 ng
RT: 13.79 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG015962.D
Acq: 28 Jan 2015 1:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	9.3	6.2	9.4
164	7.8	8.0	12.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

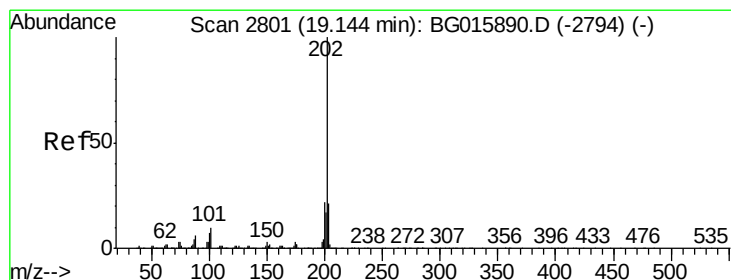
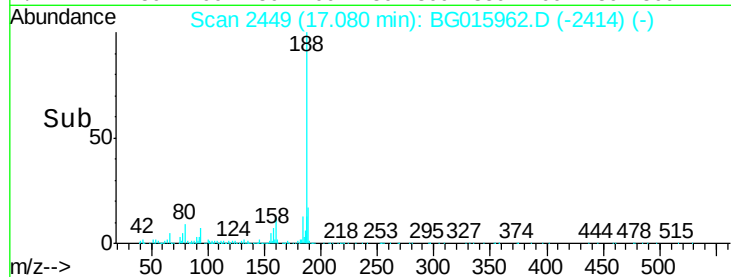
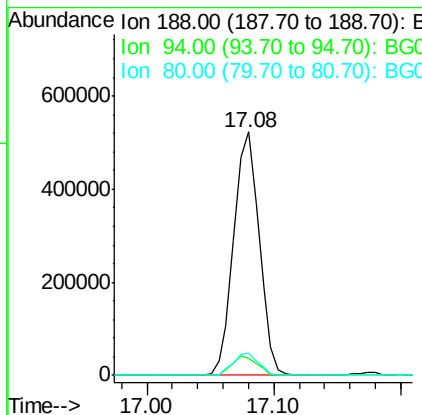
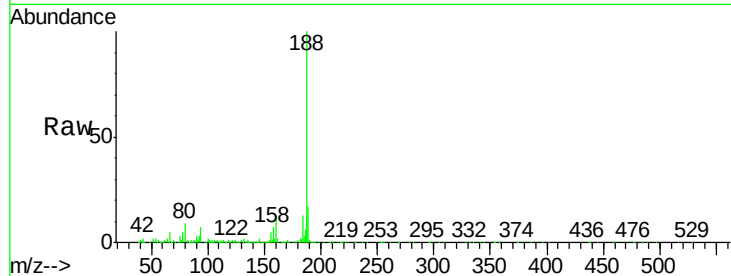
ClientSampleId :

SB-73(14-16)

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		727931		
94	7.2	7.8	11.8#		
80	9.3	10.6	16.0#		

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#74

Fluoranthene

Concen: 3.58 ng

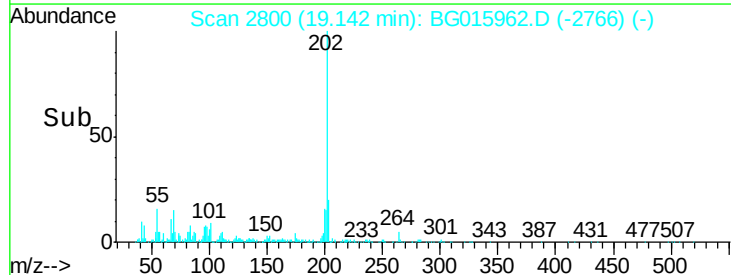
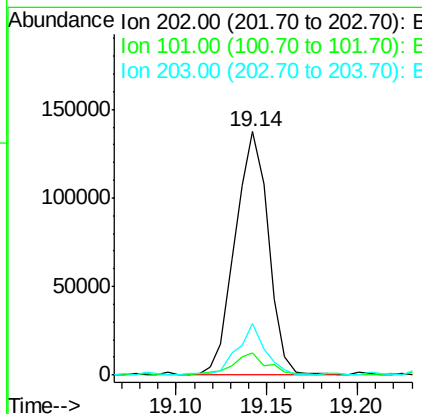
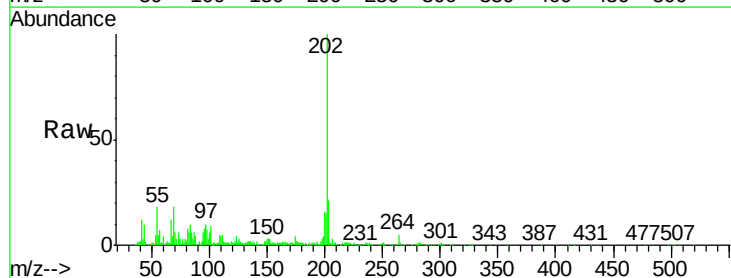
RT: 19.14 min Scan# 2800

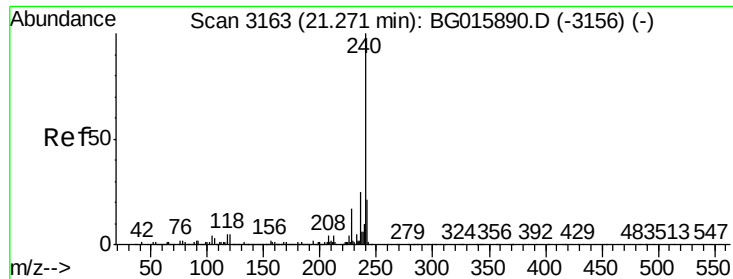
Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		174663		
101	9.0	0.0	29.5		
203	21.2	0.9	40.9		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

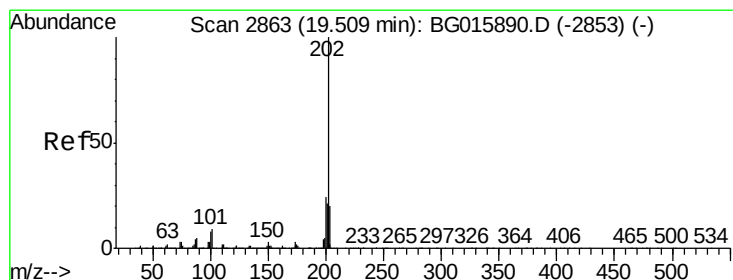
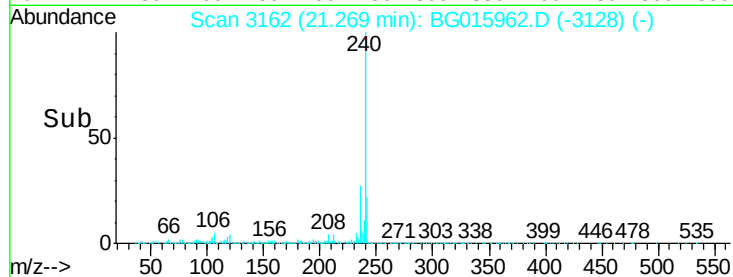
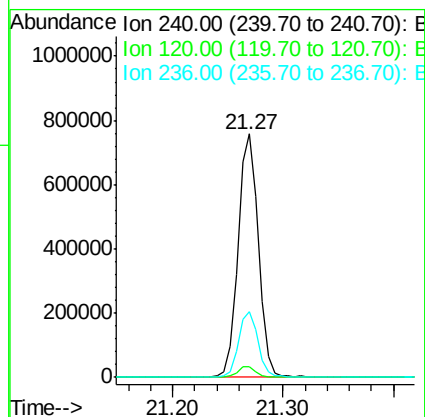
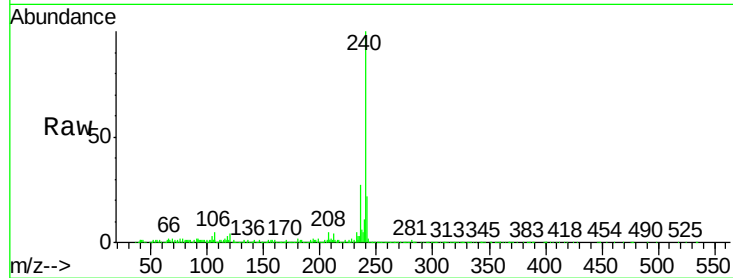
ClientSampleId :

SB-73(14-16)

Tgt Ion:	240	Resp:	977557
Ion Ratio	Lower	Upper	
240	100		
120	4.3	3.9	5.9
236	27.2	20.0	30.0

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#77

Pyrene

Concen: 3.26 ng

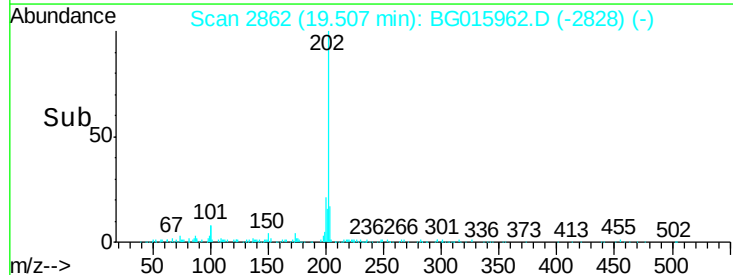
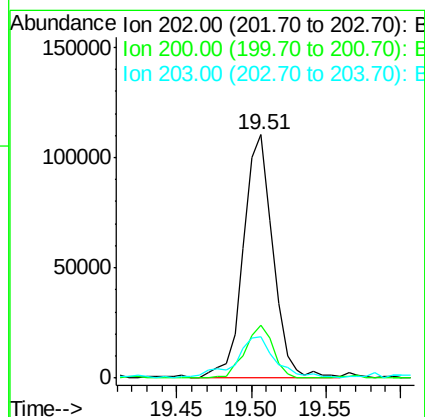
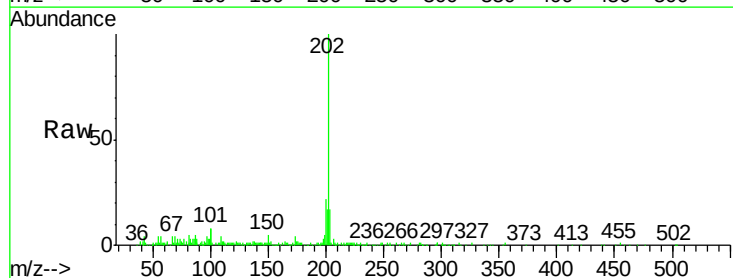
RT: 19.51 min Scan# 2862

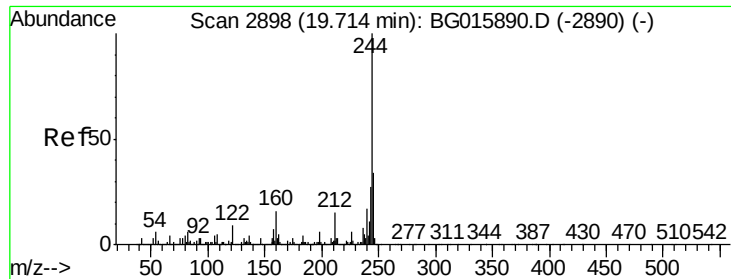
Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Tgt Ion:	202	Resp:	151567
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.3	28.9
203	17.0	15.9	23.9





#78

Terphenyl-d14

Concen: 83.11 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

Instrument :

BNA_G

ClientSampleId :

SB-73(14-16)

Tgt Ion:244 Resp: 2878145

Ion Ratio Lower Upper

244 100

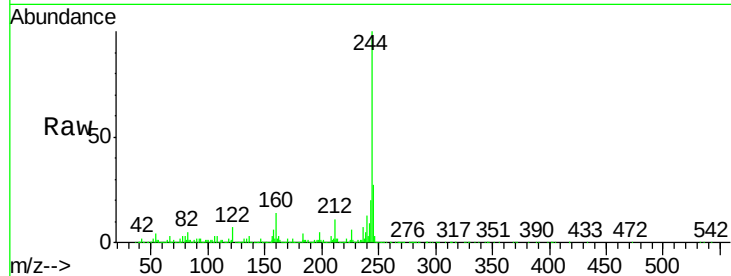
212 10.8 11.6 17.4#

122 7.2 7.0 10.4

Manual Integrations
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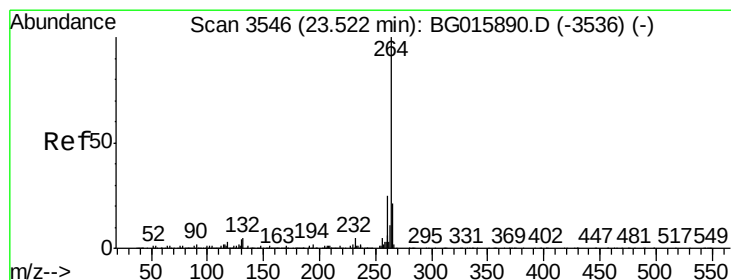
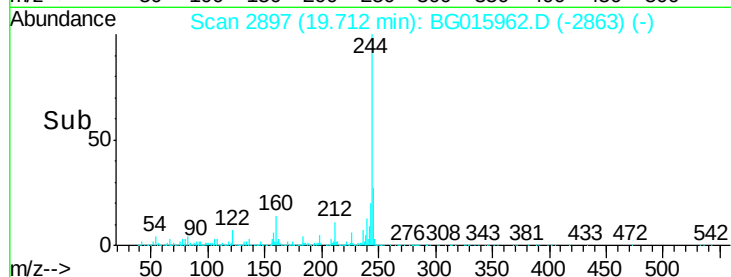
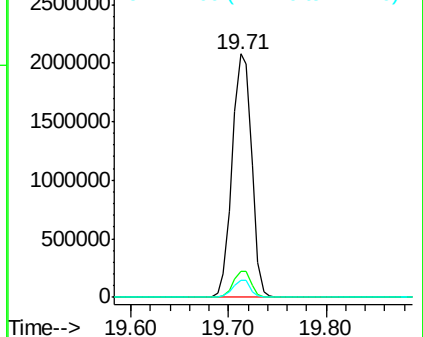
1/28/2015 5:44:55 PM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG015962.D

Acq: 28 Jan 2015 1:27

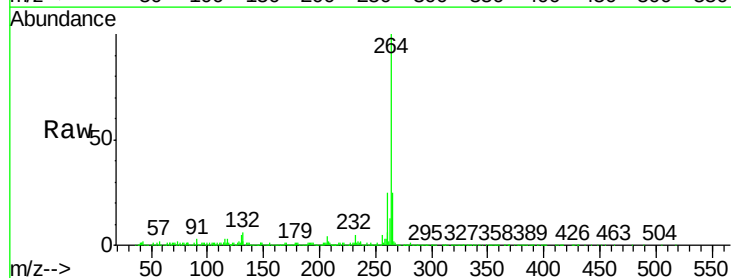
Tgt Ion:264 Resp: 963499

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

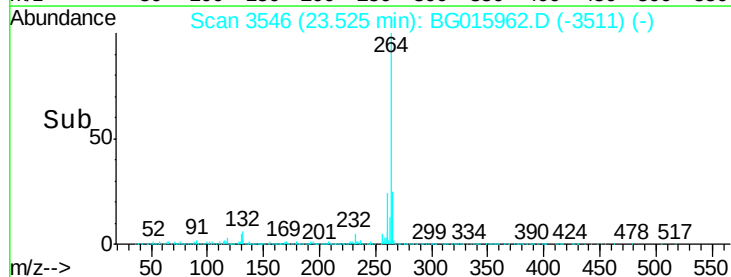
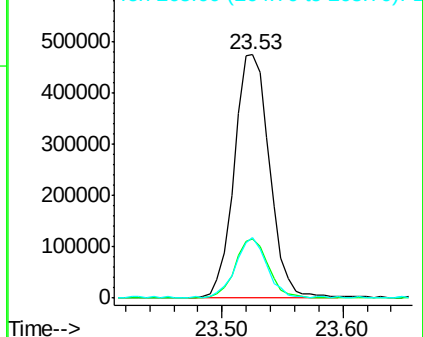
265 24.9 17.3 25.9

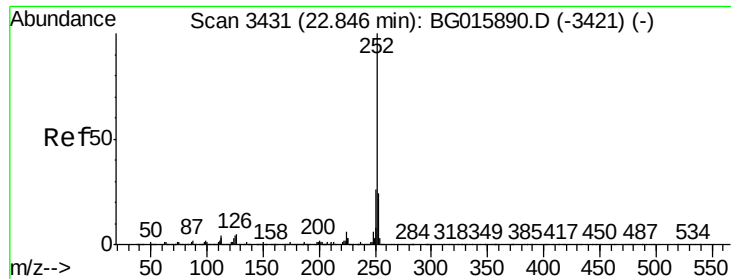


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.19 ng
 RT: 22.84 min Scan# 3430
 Delta R.T. -0.00 min
 Lab File: BG015962.D
 Acq: 28 Jan 2015 1:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-73(14-16)

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		120588		
253	18.4	19.4	29.0#		
125	3.0	2.9	4.3		

Manual Integrations
 APPROVED

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