

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022993.D
 Acq On : 10 Jul 2016 10:09
 Operator : UM/SJ
 Sample : H3876-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3-A-LOCATION-3-0-5FT

Manual Integrations

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 7/11/2016 6:47:05 AM

Quant Time: Jul 11 03:50:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	116328	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	556167	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	401813	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	900300	20.00	ng	0.00
75) Chrysene-d12	21.85	240	984642	20.00	ng	0.00
86) Perylene-d12	25.21	264	1005956	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	530417	74.57	ng	0.00
7) Phenol-d6	7.30	99	880402	79.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	648136	49.90	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	443151	61.37	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1158975	45.43	ng	0.00
78) Terphenyl-d14	20.15	244	1546799	39.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.24	163	230878	7.03	ng	99
70) Phenanthrene	17.59	178	169163	3.83	ng	94
74) Fluoranthene	19.60	202	330277	6.10	ng	93
77) Pyrene	19.96	202	290769m	5.25	ng	
80) Benzo(a)anthracene	21.83	228	192459m	3.49	ng	
82) Chrysene	21.89	228	162412m	3.14	ng	
87) Benzo(b)fluoranthene	24.14	252	170642	2.94	ng	95
89) Benzo(a)pyrene	25.05	252	137499	2.47	ng	# 95

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

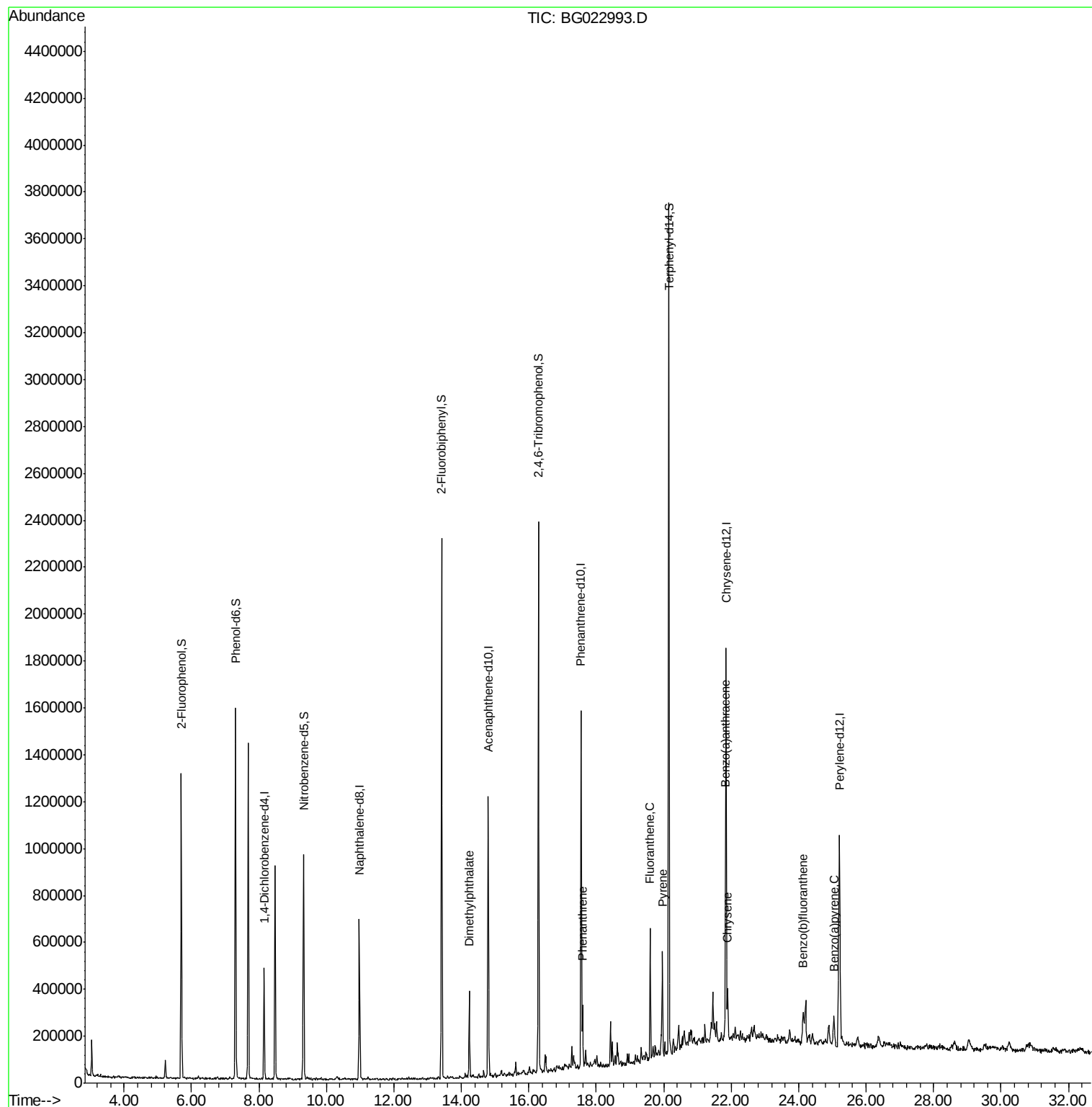
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022993.D
Acq On : 10 Jul 2016 10:09
Operator : UM/SJ
Sample : H3876-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

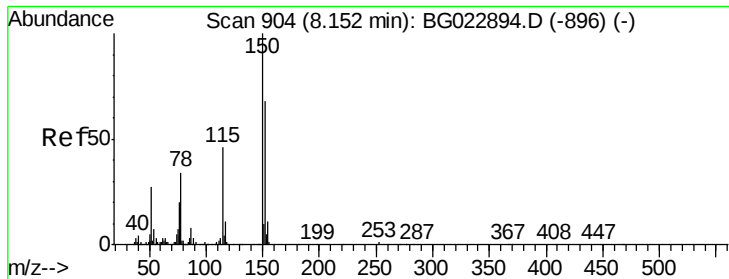
Instrument :
BNA_G
ClientSampleId :
3-A-LOCATION-3-0-5FT

Manual Integrations

Quant Time: Jul 11 03:50:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022993.D

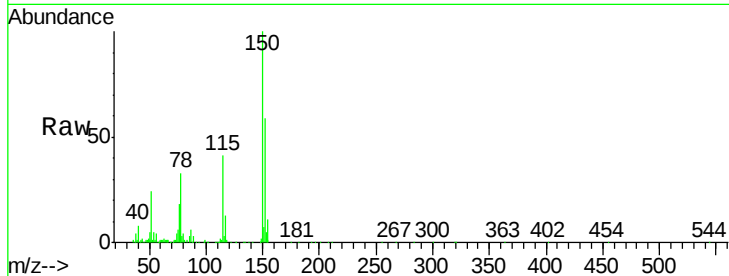
Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

3-A-LOCATION-3-0-5FT



Tgt Ion:152 Resp: 116328

Ion Ratio Lower Upper

152 100

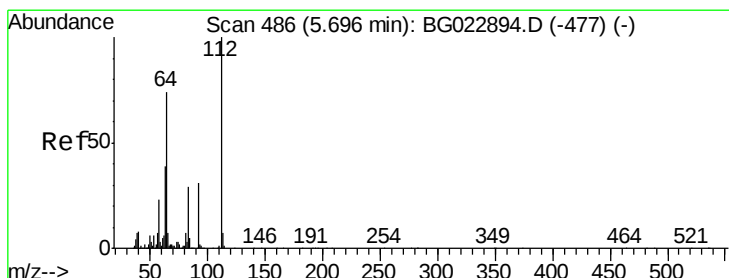
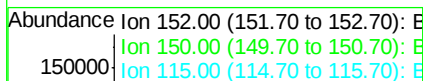
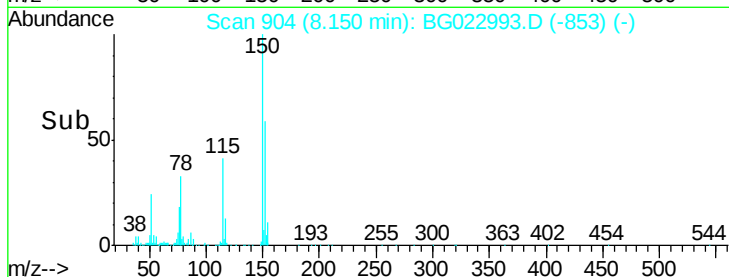
150 168.4 144.7 217.1

115 68.4 64.0 96.0

Manual Integrations

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#5

2-Fluorophenol

Concen: 74.57 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

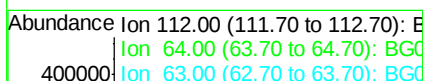
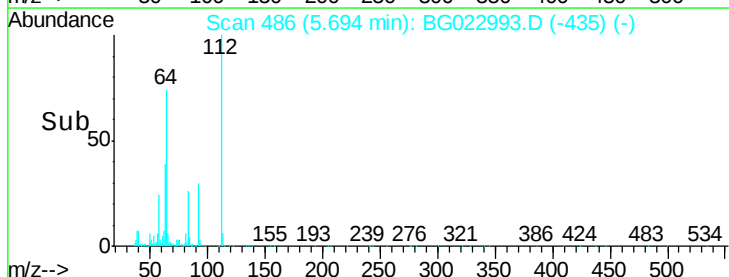
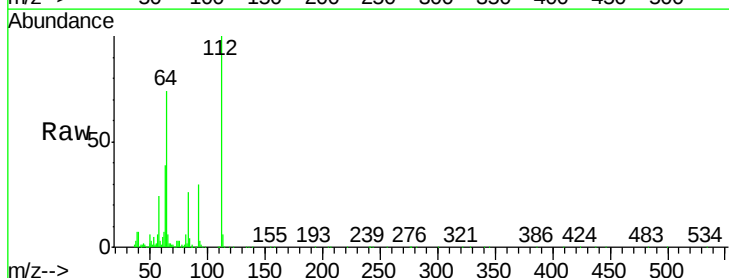
Tgt Ion:112 Resp: 530417

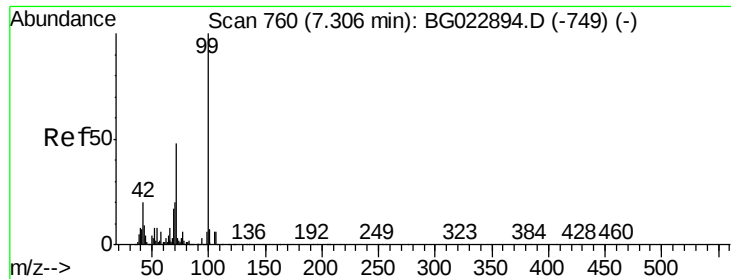
Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

63 38.9 37.8 56.8





#7

Phenol-d6

Concen: 79.03 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022993.D

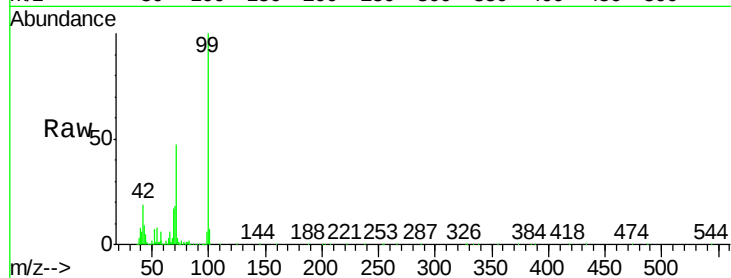
Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

3-A-LOCATION-3-0-5FT

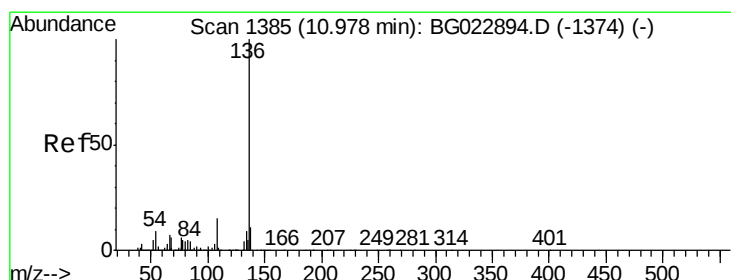
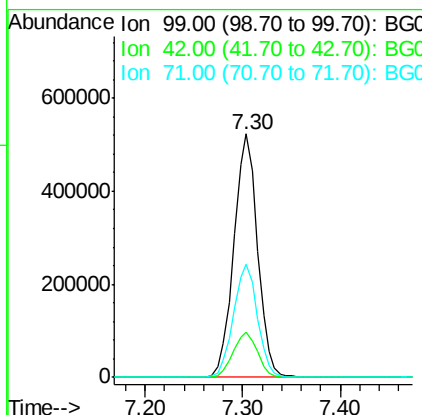
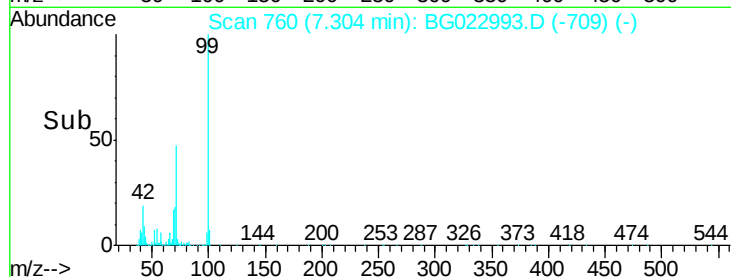


Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	46.6	41.5	62.3

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#21

Naphthalene-d8

Concen: 20.00 ng

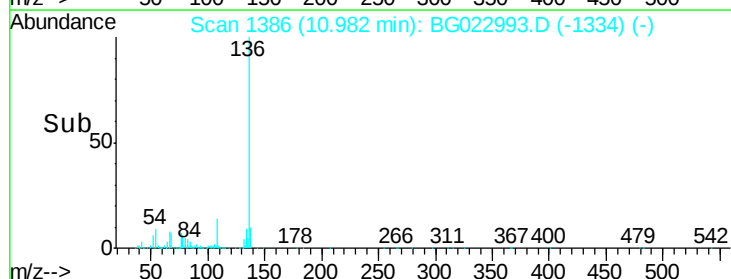
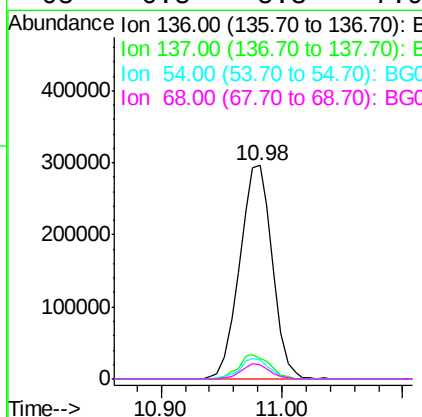
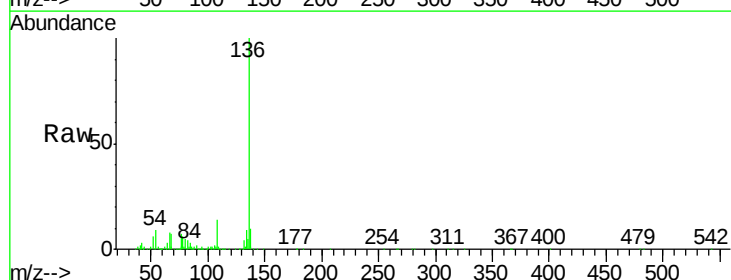
RT: 10.98 min Scan# 1386

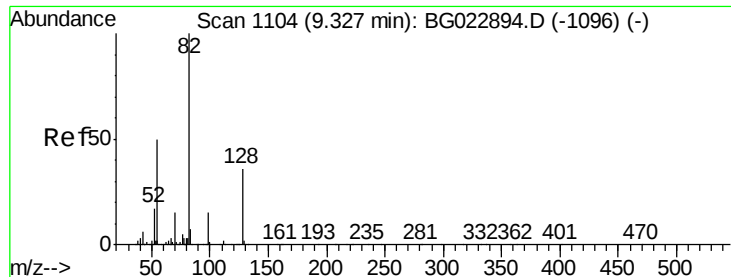
Delta R.T. 0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.6	14.4
54	8.9	7.3	10.9
68	6.8	5.3	7.9





#23

Nitrobenzene-d5

Concen: 49.90 ng

RT: 9.32 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

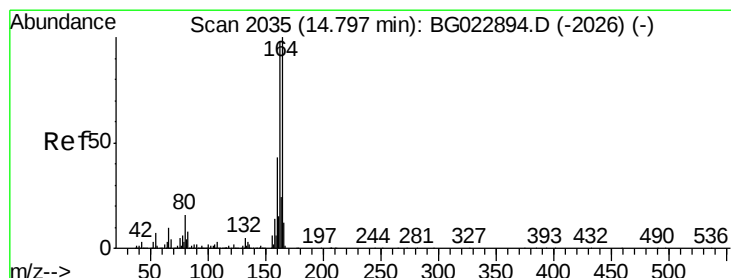
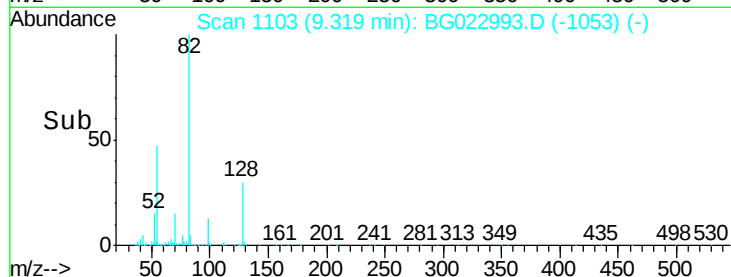
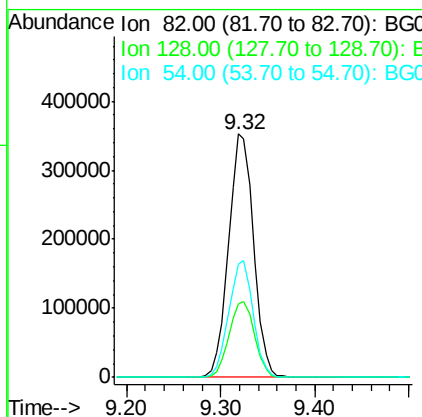
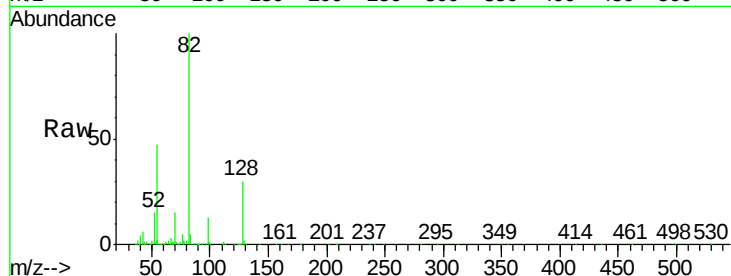
3-A-LOCATION-3-0-5FT

Tgt Ion:	82	Resp:	648136
Ion Ratio	Lower	Upper	
82	100		
128	30.0	24.4	36.6
54	46.7	41.4	62.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

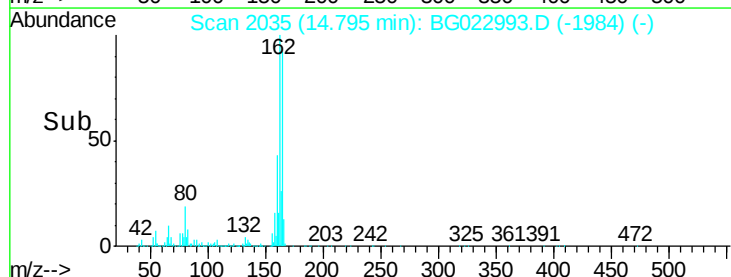
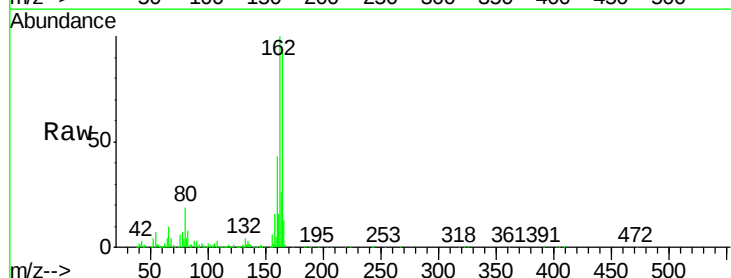
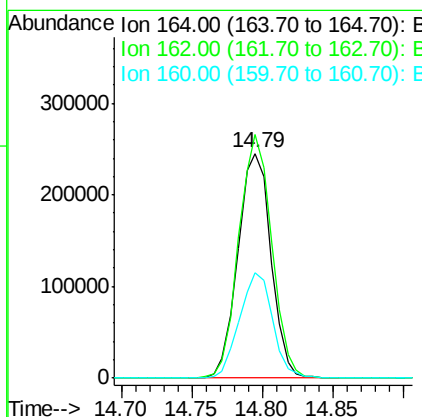
RT: 14.79 min Scan# 2035

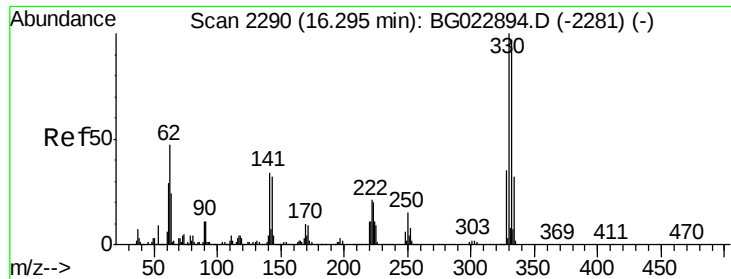
Delta R.T. -0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion:	164	Resp:	401813
Ion Ratio	Lower	Upper	
164	100		
162	108.3	87.7	131.5
160	47.1	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 61.37 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

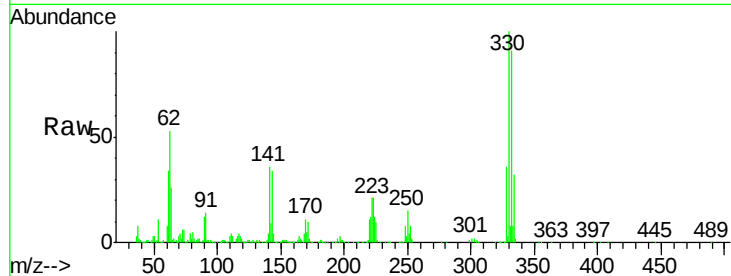
3-A-LOCATION-3-0-5FT

Tgt Ion:	330	Resp:	443151
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.4	116.2
141	37.1	31.7	47.5

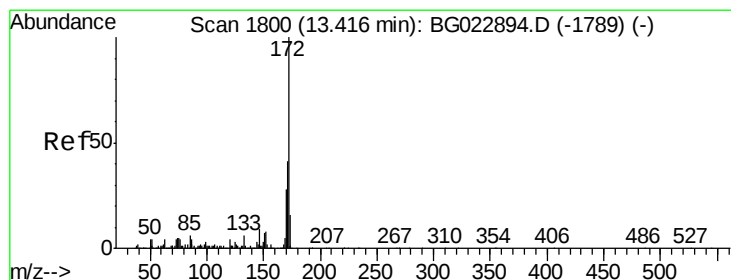
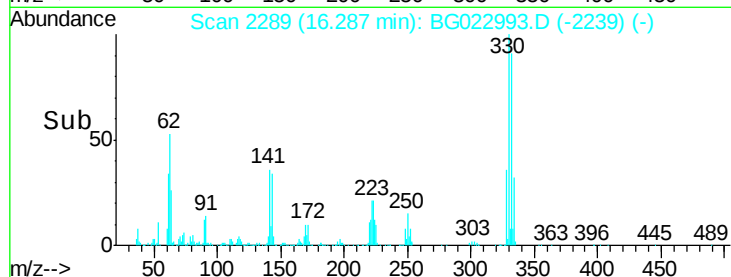
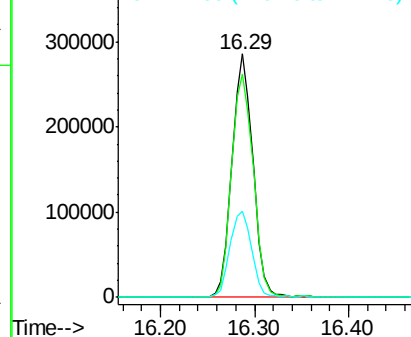
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 45.43 ng

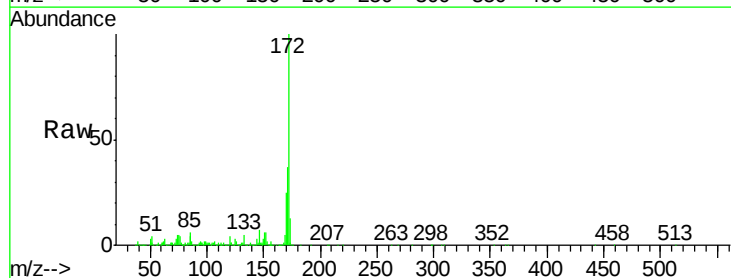
RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

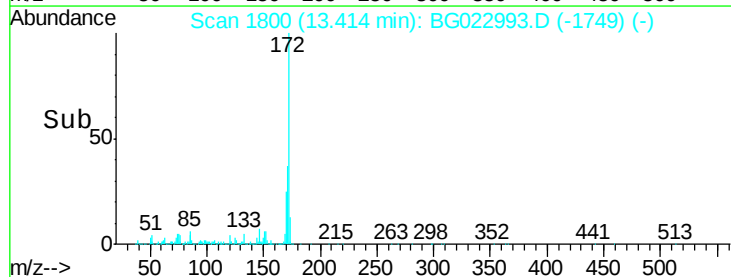
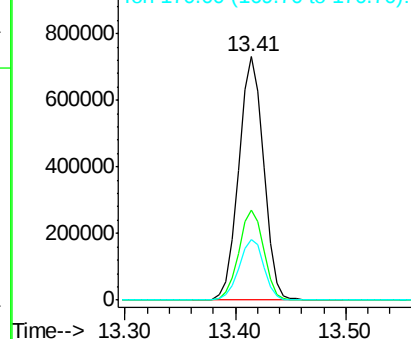
Lab File: BG022993.D

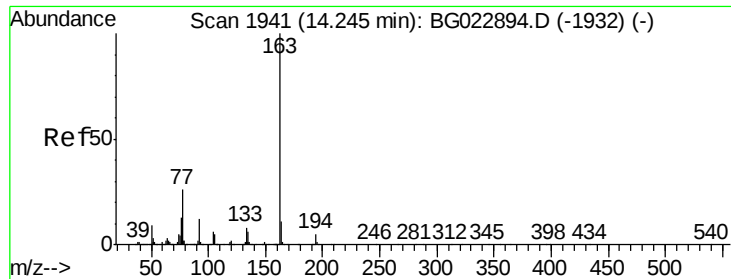
Acq: 10 Jul 2016 10:09

Tgt Ion:	172	Resp:	1158975
Ion Ratio	Lower	Upper	
172	100		
171	37.1	31.6	47.4
170	25.1	21.3	31.9



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





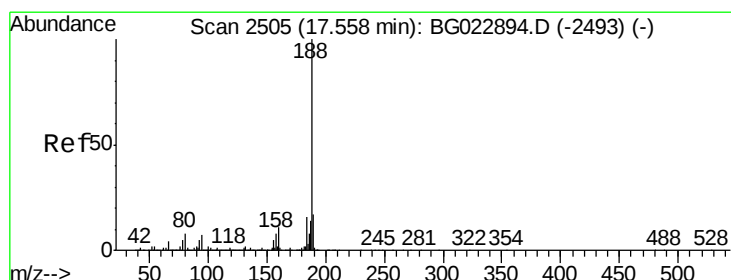
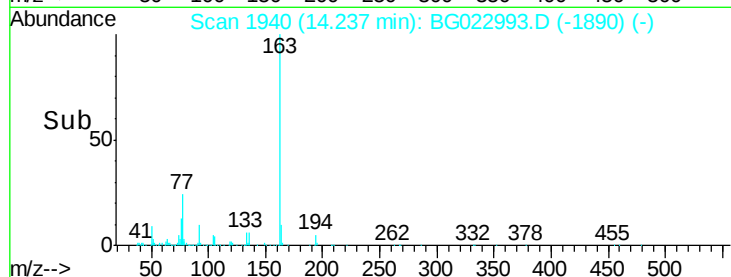
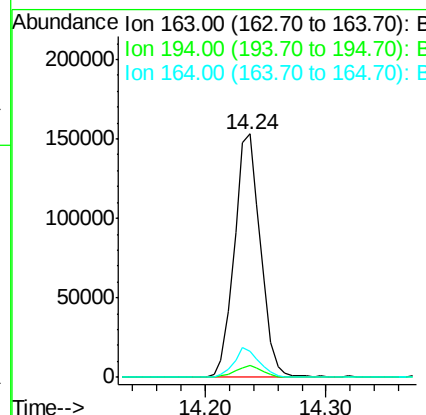
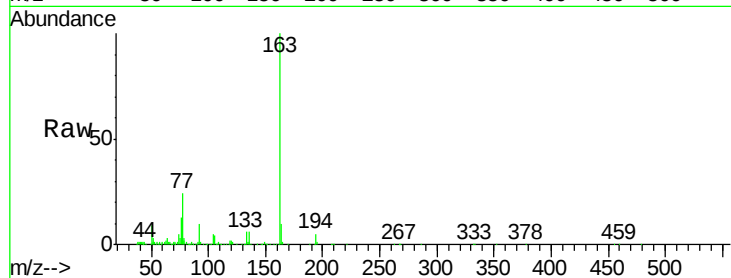
#49
Dimethylphthalate
Concen: 7.03 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022993.D
Acq: 10 Jul 2016 10:09

Instrument :
BNA_G
ClientSampleId :
3-A-LOCATION-3-0-5FT

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.5	8.1	12.1

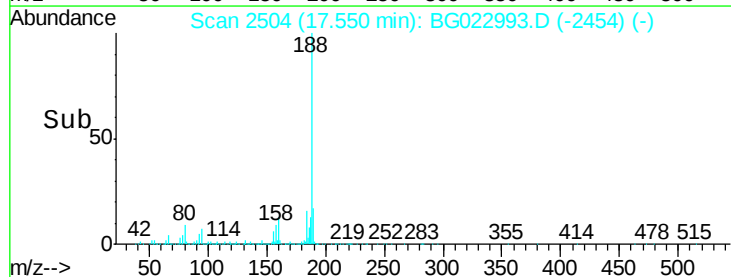
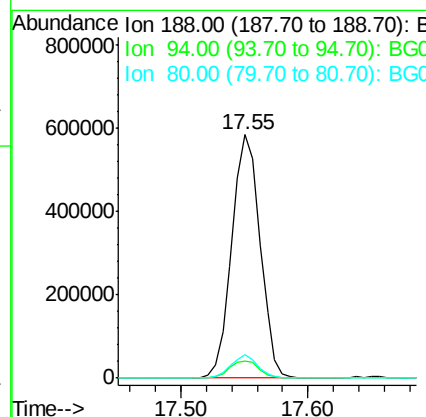
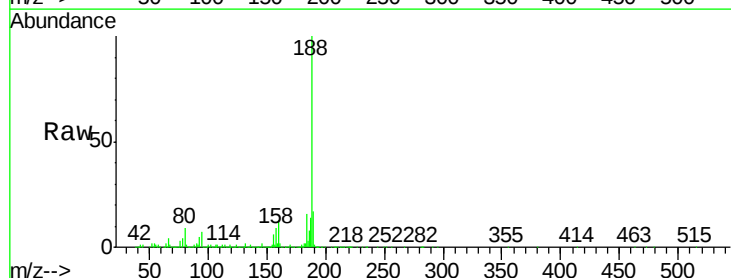
Manual Integrations

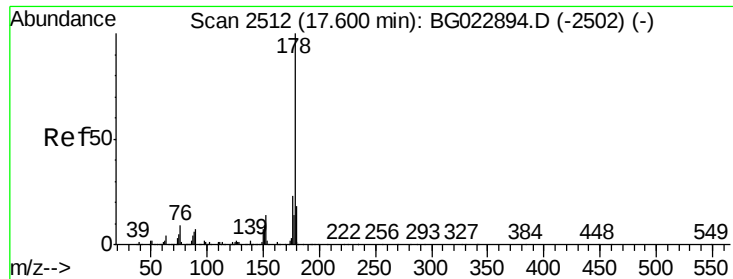
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022993.D
Acq: 10 Jul 2016 10:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	9.5	7.2	10.8





#70

Phenanthrene

Concen: 3.83 ng

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG022993.D

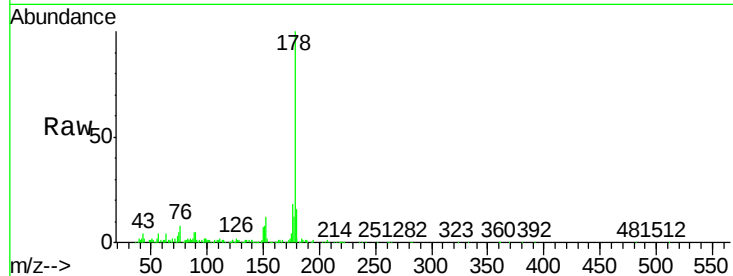
Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

3-A-LOCATION-3-0-5FT

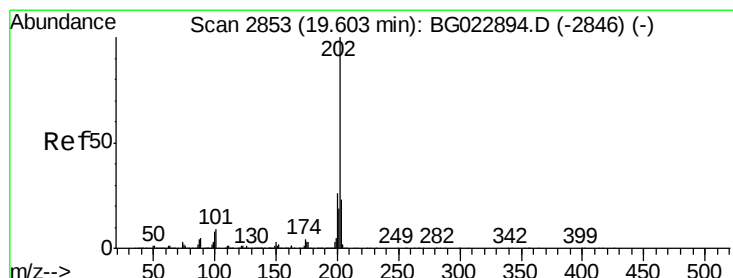
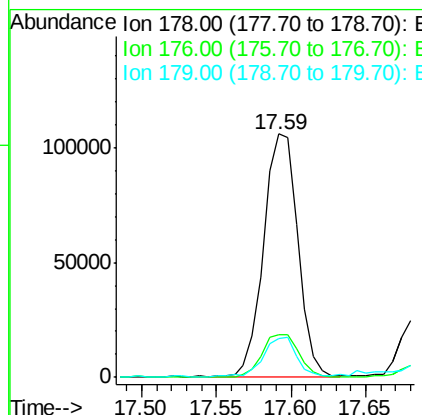
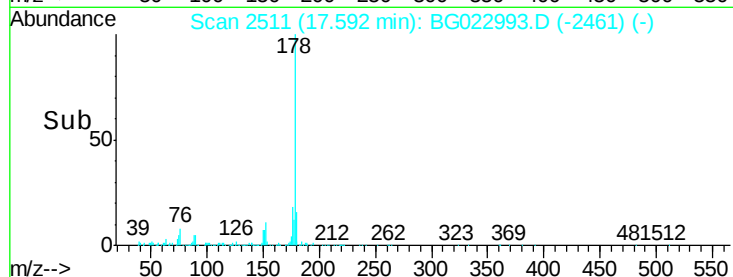


Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.8	25.2
179	16.2	14.3	21.5

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#74

Fluoranthene

Concen: 6.10 ng

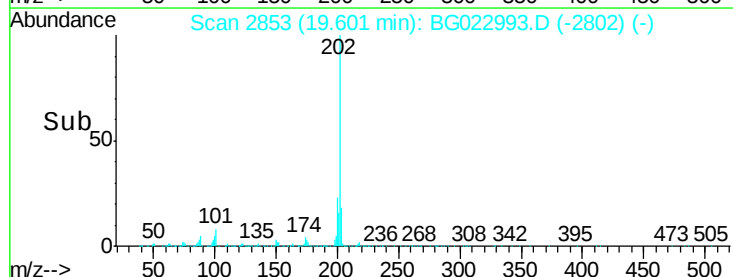
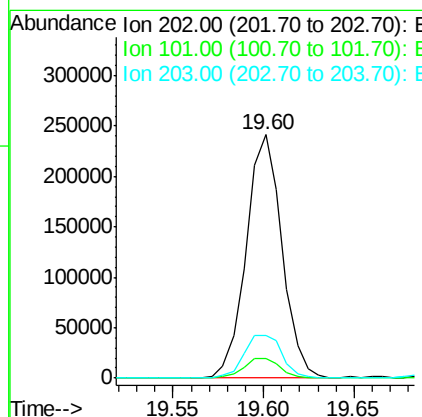
RT: 19.60 min Scan# 2853

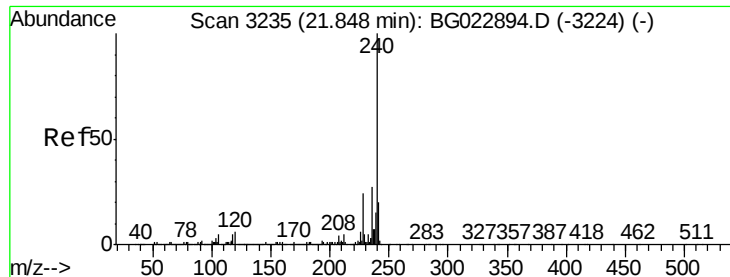
Delta R.T. -0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.4
203	17.7	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

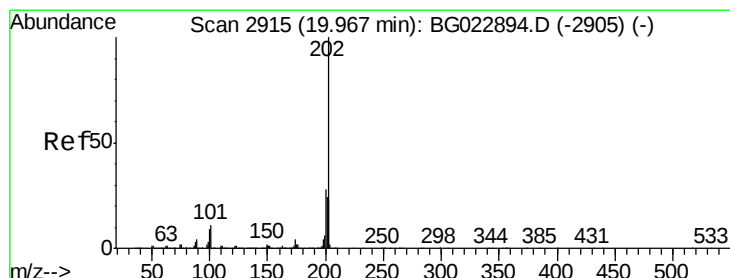
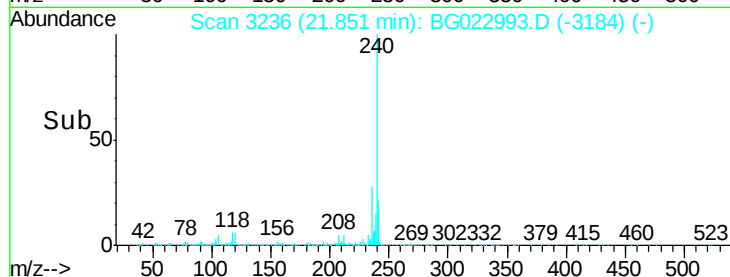
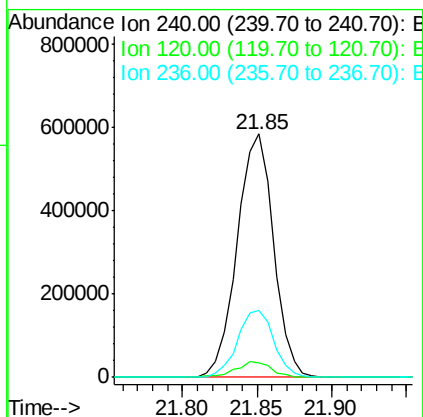
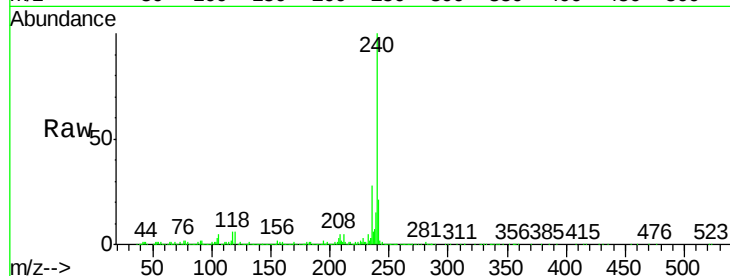
3-A-LOCATION-3-0-5FT

Tgt Ion:	240	Resp:	984642
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.1	6.1
236	27.7	21.1	31.7

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#77

Pyrene

Concen: 5.25 ng m

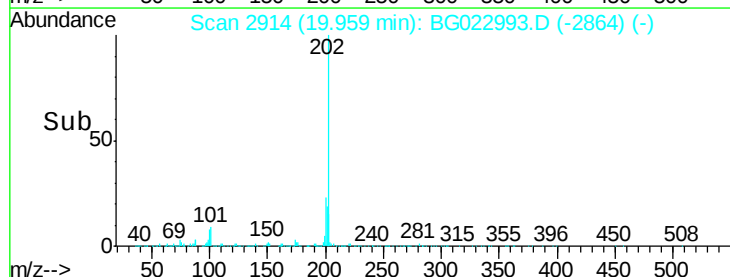
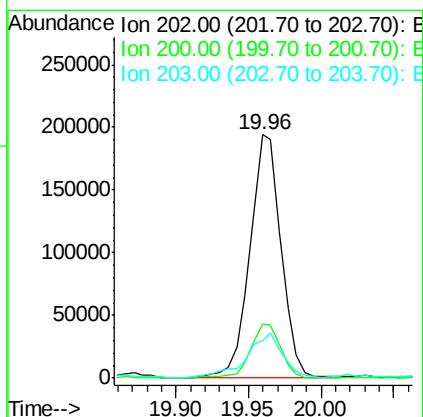
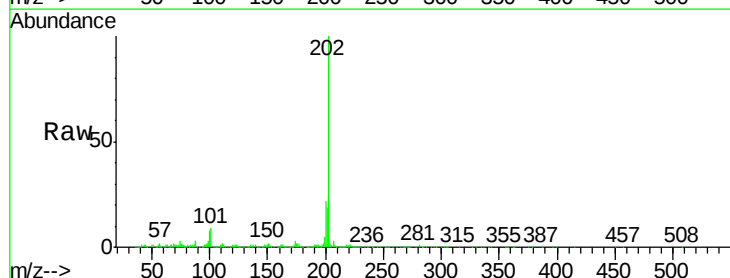
RT: 19.96 min Scan# 2914

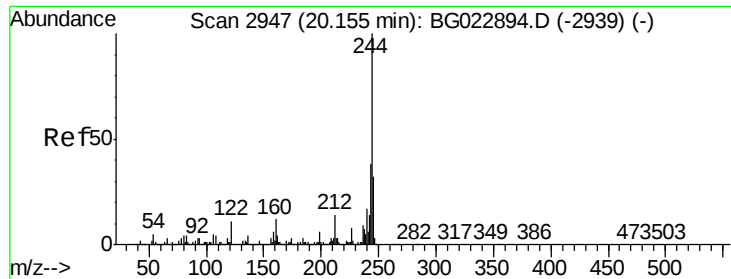
Delta R.T. -0.01 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion:	202	Resp:	290769
Ion Ratio	Lower	Upper	
202	100		
200	22.4	21.2	31.8
203	15.3	16.8	25.2#





#78

Terphenyl-d14

Concen: 39.85 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022993.D

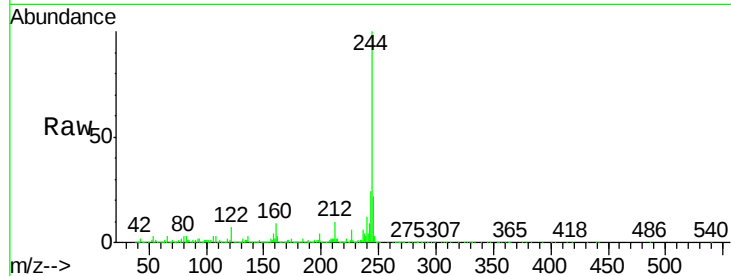
Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

3-A-LOCATION-3-0-5FT



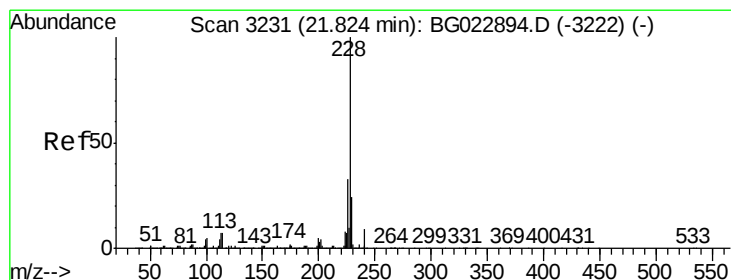
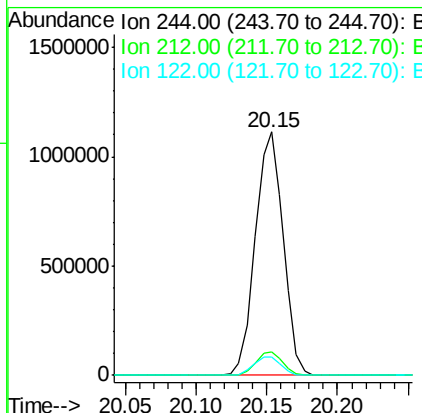
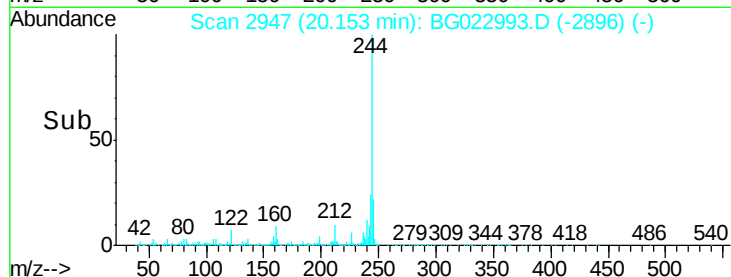
Tgt Ion:244 Resp: 1546799

Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.8	16.2#
122	7.3	8.0	12.0#

Manual Integrations

SOHIL

7/11/2016 6:47:05 AM



#80

Benzo(a)anthracene

Concen: 3.49 ng m

RT: 21.83 min Scan# 3232

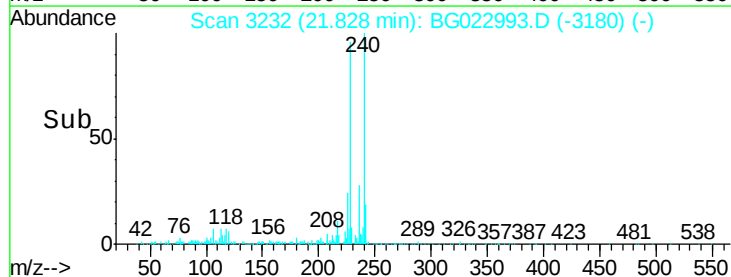
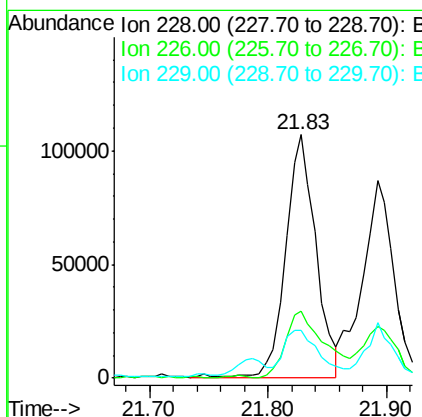
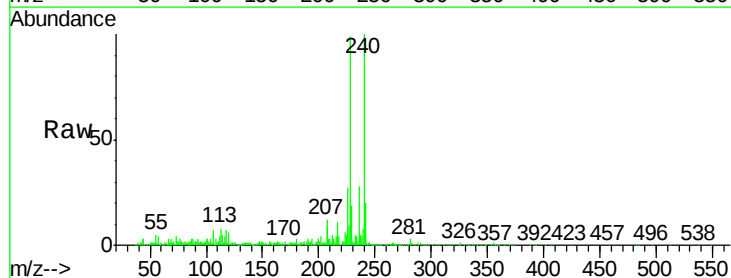
Delta R.T. 0.00 min

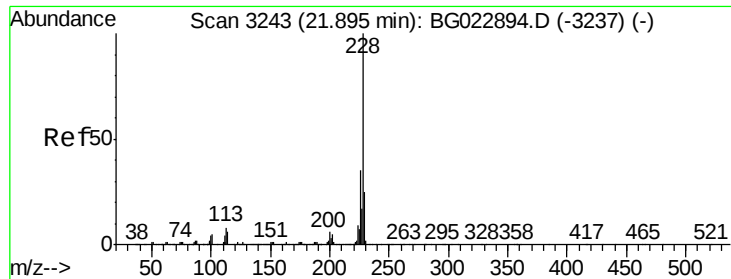
Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion:228 Resp: 192459

Ion	Ratio	Lower	Upper
228	100		
226	27.6	25.3	37.9
229	19.5	19.9	29.9#





#82

Chrysene

Concen: 3.14 ng m

RT: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

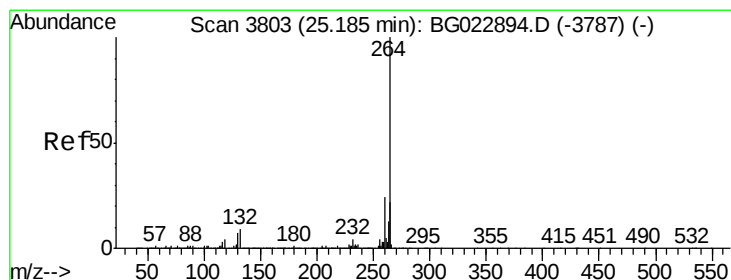
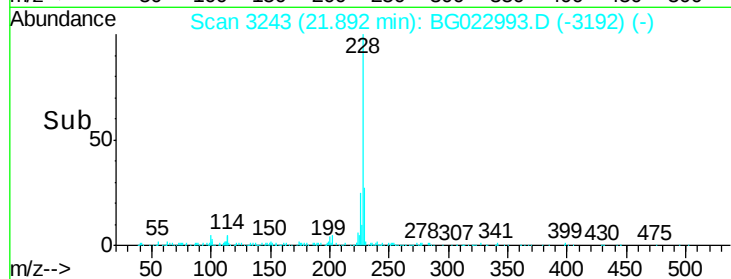
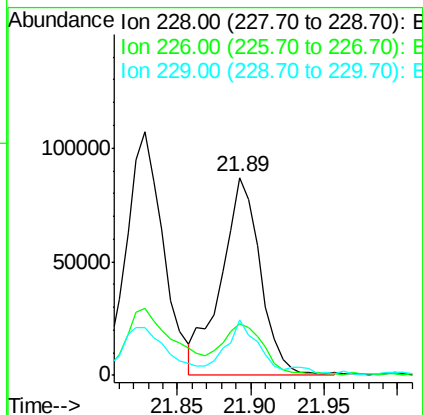
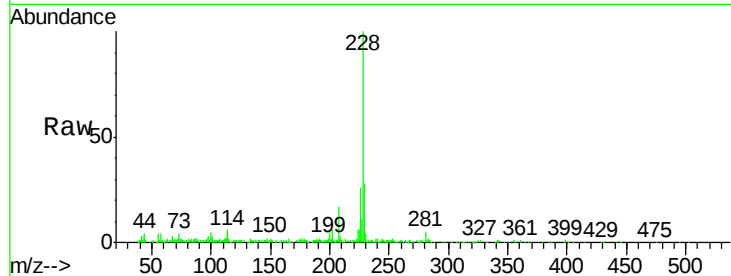
3-A-LOCATION-3-0-5FT

Tgt Ion:	228	Resp:	162412
Ion Ratio		Lower	Upper
228	100		
226	26.1	26.7	40.1#
229	27.9	17.4	26.2#

Manual Integrations

SOHIL

7/11/2016 6:47:05 AM



#86

Perylene-d12

Concen: 20.00 ng

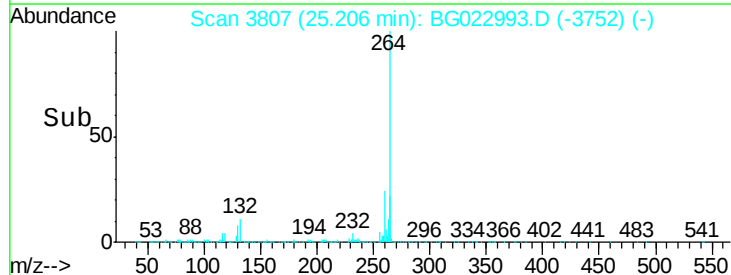
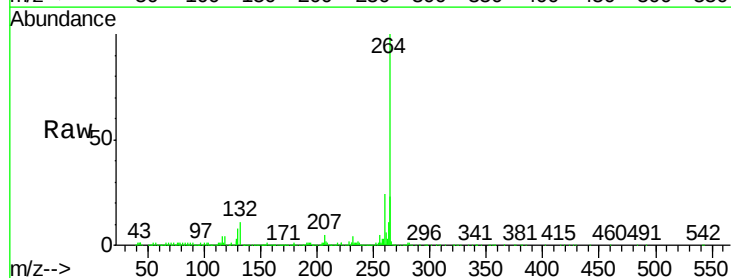
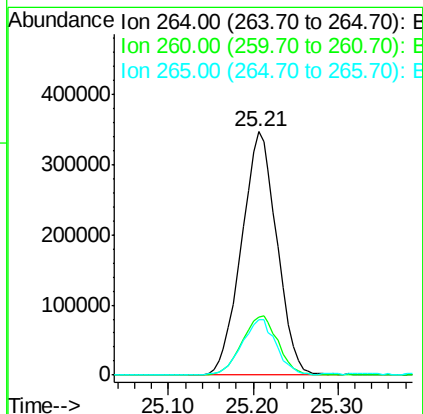
RT: 25.21 min Scan# 3807

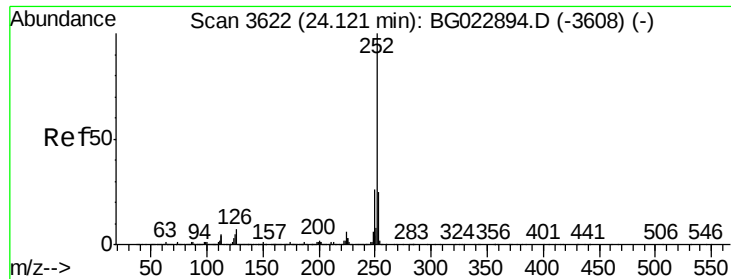
Delta R.T. 0.02 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09

Tgt Ion:	264	Resp:	1005956
Ion Ratio		Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.6	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 2.94 ng

RT: 24.14 min Scan# 3625

Delta R.T. 0.02 min

Lab File: BG022993.D

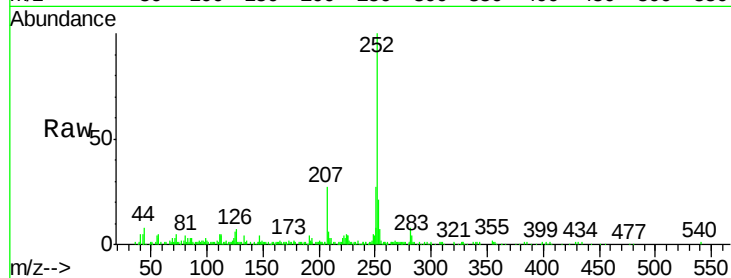
Acq: 10 Jul 2016 10:09

Instrument :

BNA_G

ClientSampleId :

3-A-LOCATION-3-0-5FT

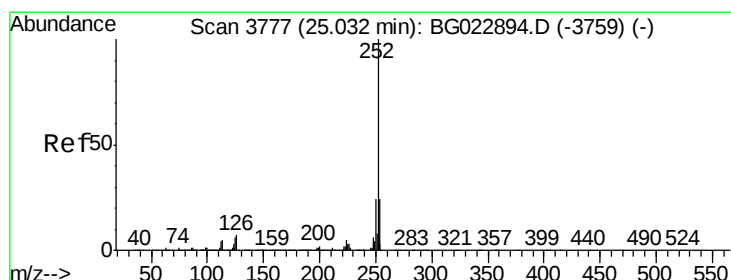
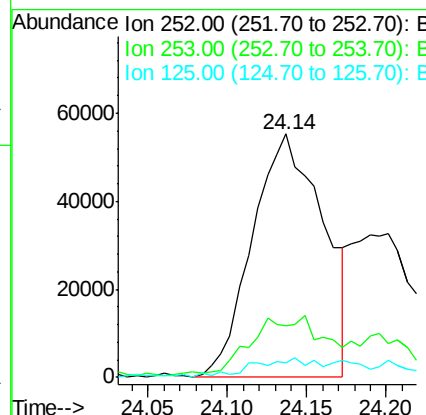
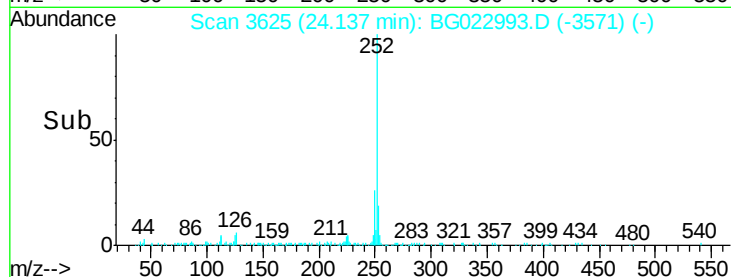


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.9	28.3
125	5.7	3.9	5.9

Manual Integrations

SOHIL

7/11/2016 6:47:05 AM



#89

Benzo(a)pyrene

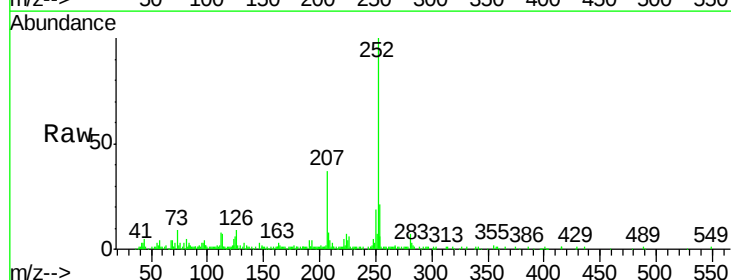
Concen: 2.47 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.02 min

Lab File: BG022993.D

Acq: 10 Jul 2016 10:09



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.7	28.1
125	5.9	3.9	5.9#

