

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031590.D
 Acq On : 15 Dec 2017 11:30
 Operator : SJ/JU
 Sample : I6830-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(12-13)

Manual Integrations
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Quant Time: Dec 15 13:50:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	85561	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	339163	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	221027	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	492189	20.00	ng	0.00
75) Chrysene-d12	21.74	240	588540	20.00	ng	0.00
86) Perylene-d12	25.01	264	536564	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	594350	123.13	ng	0.00
7) Phenol-d6	7.27	99	736560	109.92	ng	0.00
23) Nitrobenzene-d5	9.27	82	475543	86.42	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	288852	111.55	ng	0.01
44) 2-Fluorobiphenyl	13.36	172	1154299	76.66	ng	0.00
78) Terphenyl-d14	20.06	244	1839448	71.11	ng	0.00
Target Compounds						
10) Phenol	7.30	94	31854	4.627	ng	96
51) Acenaphthene	14.81	154	346467	25.629	ng	95
54) Dibenzofuran	15.14	168	482596	22.371	ng	# 90
57) Fluorene	15.79	166	740447	42.837	ng	# 96
71) Anthracene	17.62	178	178366	7.016	ng	# 69
74) Fluoranthene	19.52	202	70548	2.193	ng	76
77) Pyrene	19.88	202	227533	6.222	ng	# 72

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

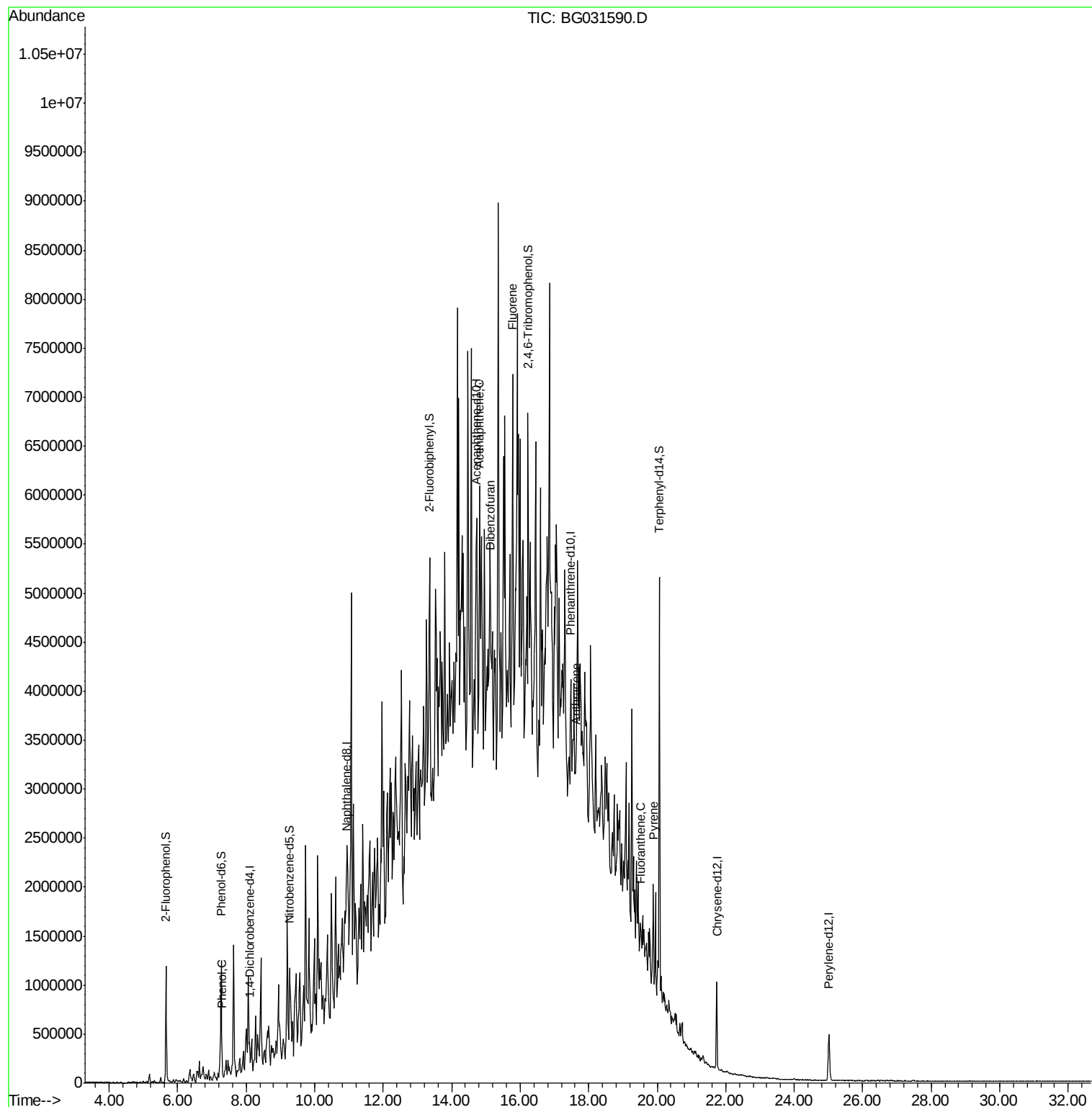
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031590.D
Acq On : 15 Dec 2017 11:30
Operator : SJ/JU
Sample : I6830-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

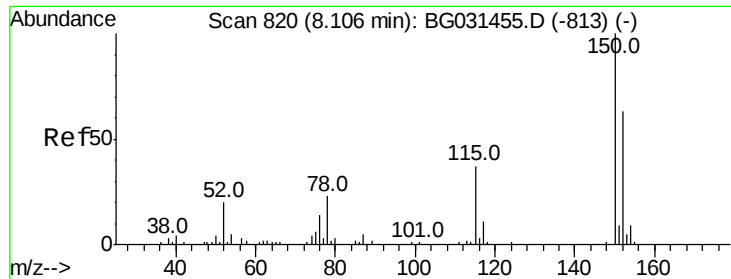
Instrument :
BNA_G
ClientSampleId :
MAP-5-E(12-13)

Manual Integrations
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Quant Time: Dec 15 13:50:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration





#1

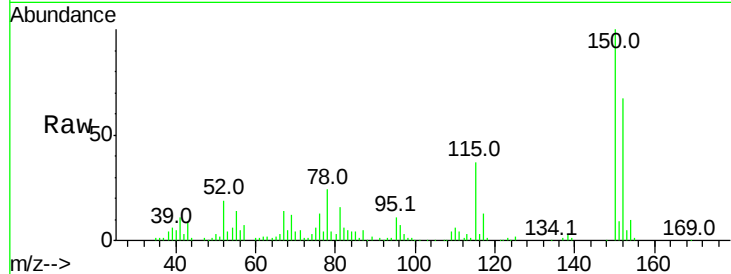
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(12-13)

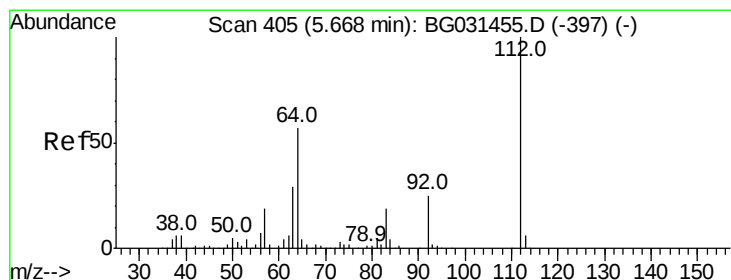
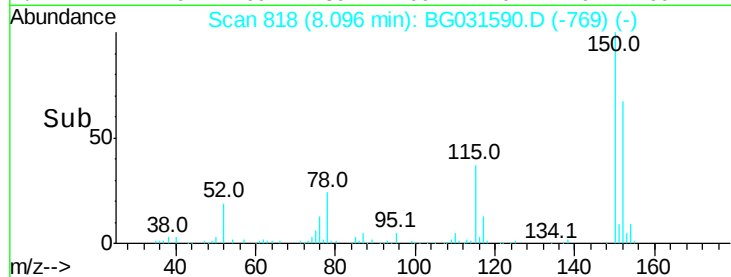
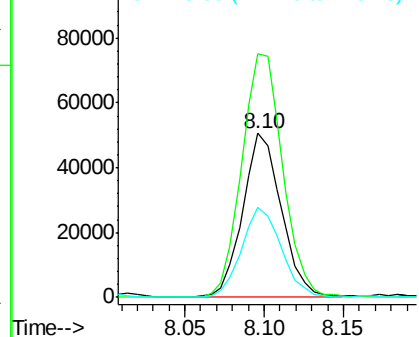
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.6	189.8
115	55.2	53.0	79.4

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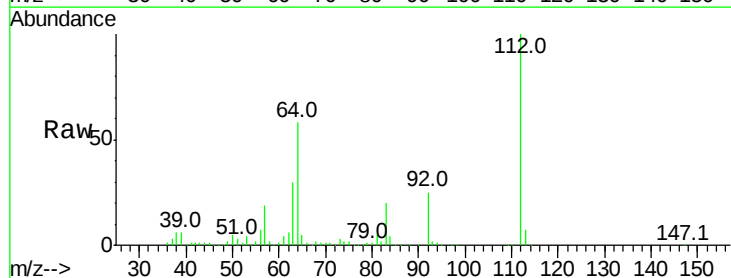
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



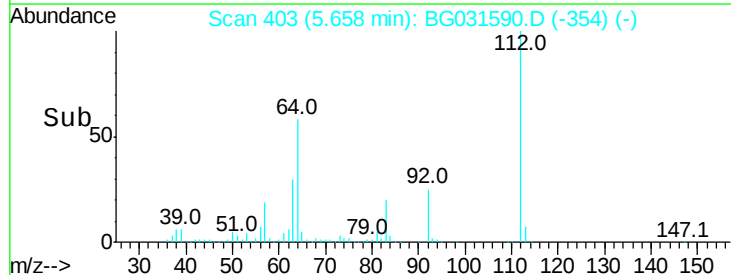
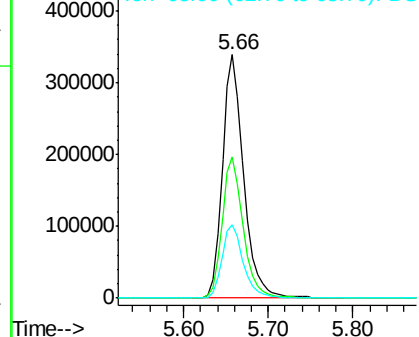
#5

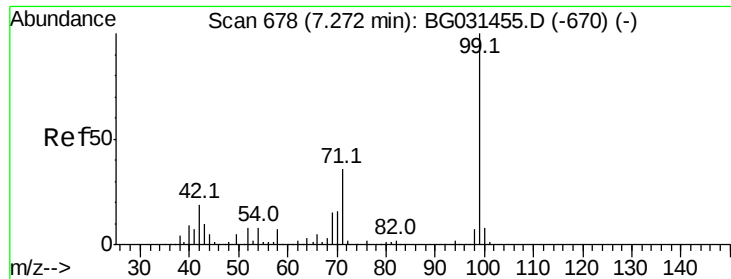
2-Fluorophenol
Concen: 123.128 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	56.3	84.5
63	30.1	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.916 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Instrument :

BNA_G

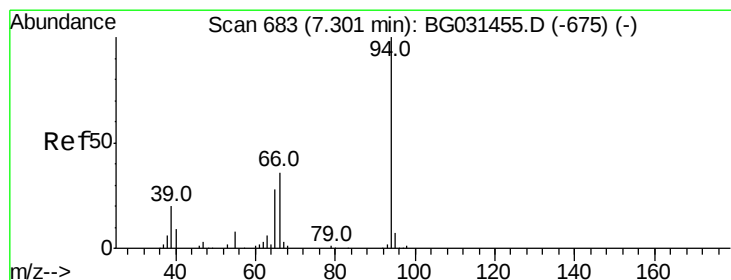
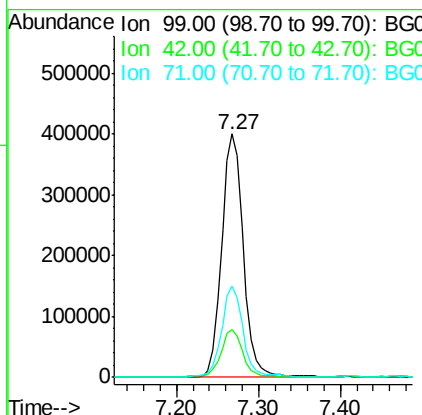
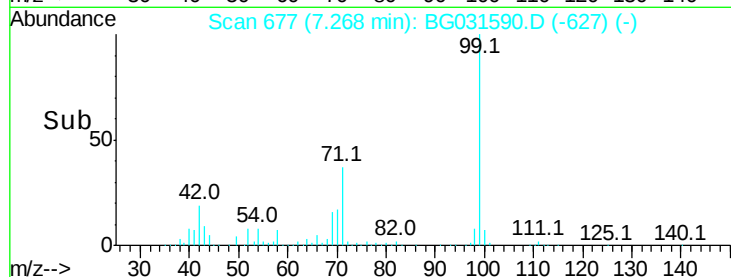
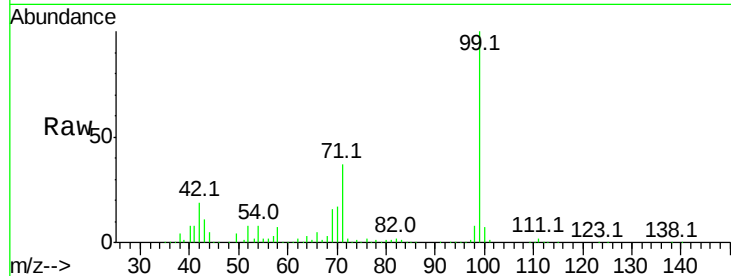
ClientSampleId :

MAP-5-E(12-13)

Tot Ion:	99	Resp:	736560
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.1	21.1
71	37.4	26.1	39.1

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#10

Phenol

Concen: 4.627 ng

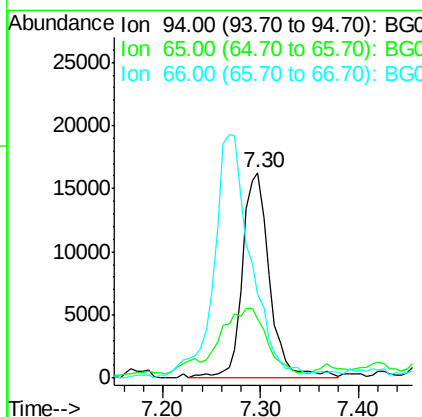
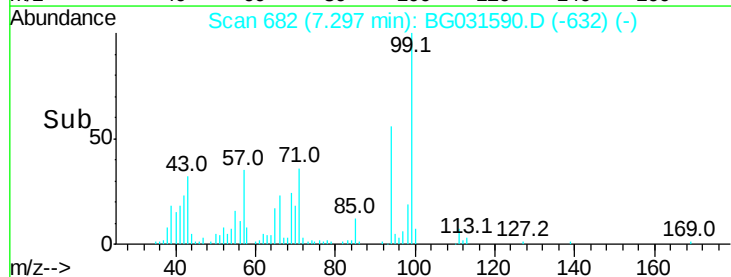
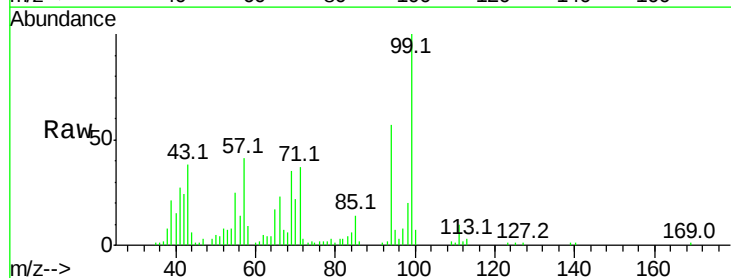
RT: 7.30 min Scan# 682

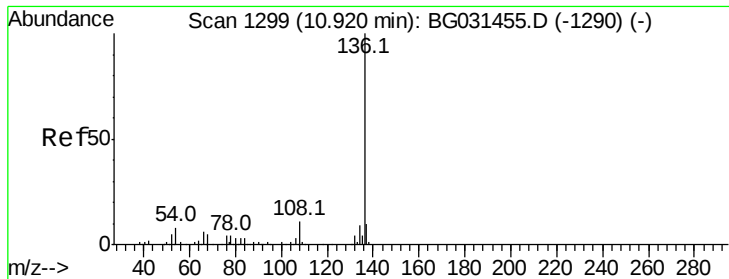
Delta R.T. -0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Tgt Ion:	94	Resp:	31854
Ion Ratio	Lower	Upper	
94	100		
65	29.0	11.9	51.9
66	40.7	22.2	62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Instrument :

BNA_G

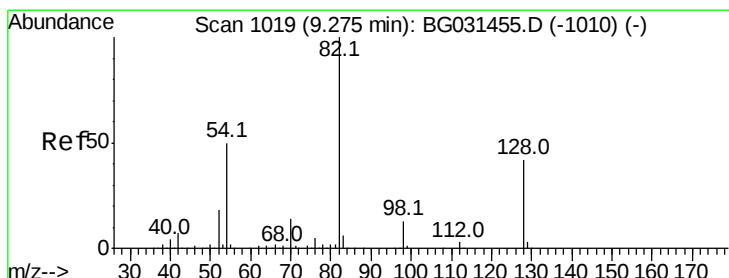
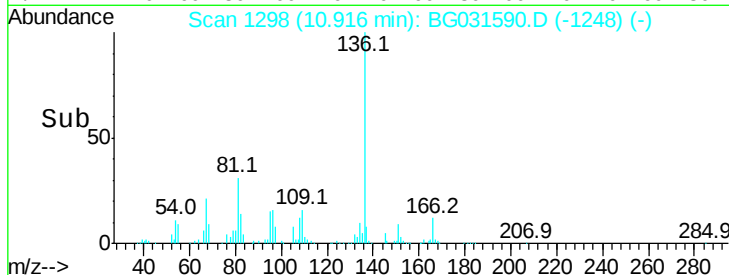
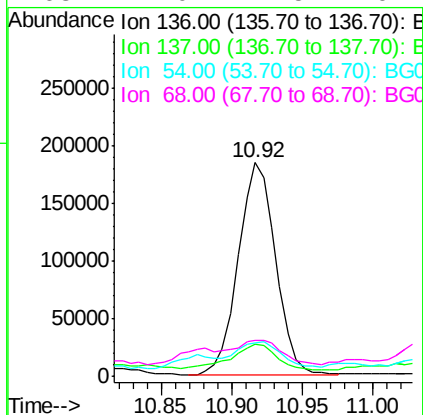
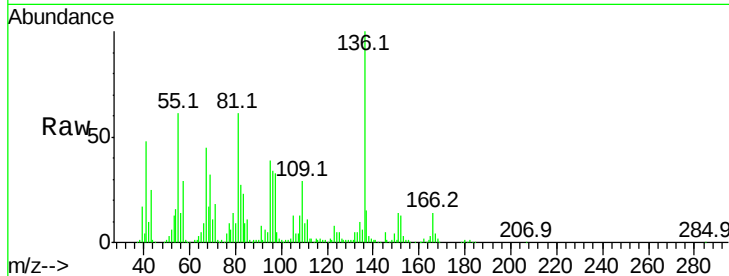
ClientSampleId :

MAP-5-E(12-13)

Tot Ion	136	Resp	339163
Ion Ratio	Lower	Upper	
136	100		
137	14.9	9.2	13.8#
54	15.8	10.3	15.5#
68	17.0	4.5	6.7#

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#23

Nitrobenzene-d5

Concen: 86.421 ng

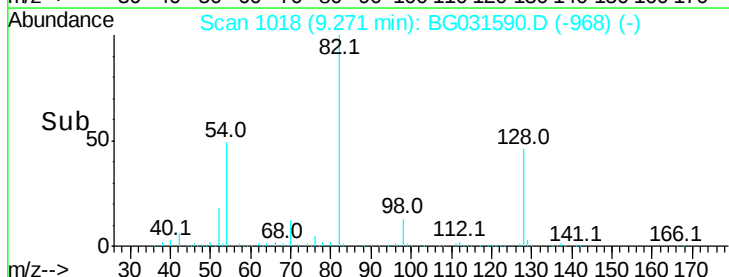
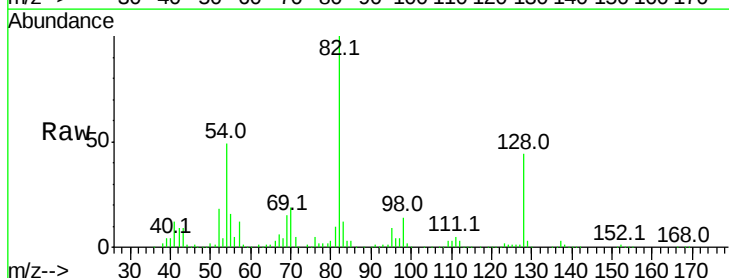
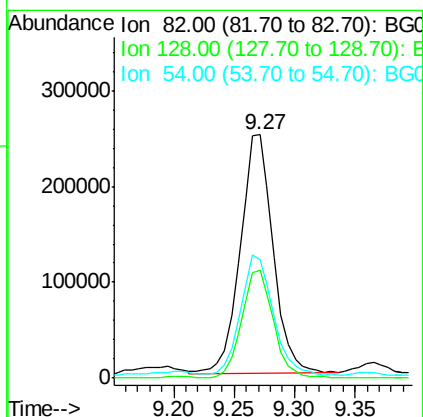
RT: 9.27 min Scan# 1018

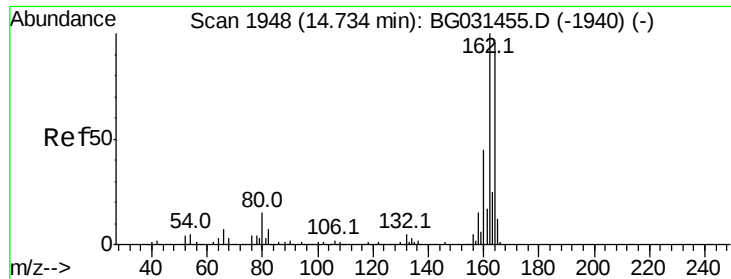
Delta R.T. -0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Tgt Ion	82	Resp	475543
Ion Ratio	Lower	Upper	
82	100		
128	44.4	29.7	44.5
54	48.8	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Instrument :

BNA_G

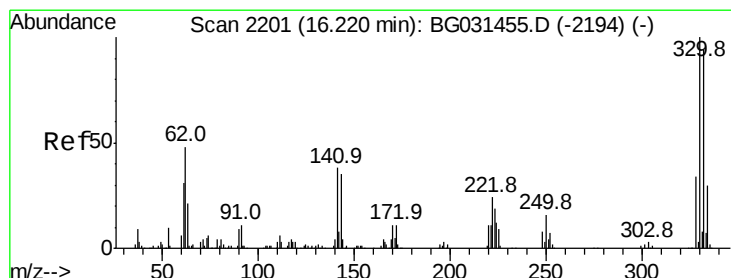
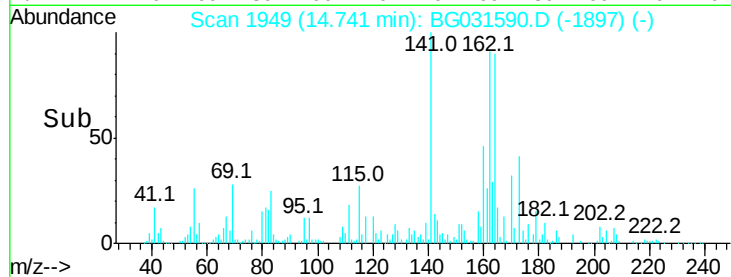
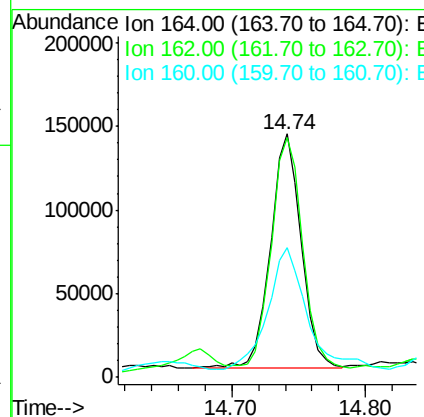
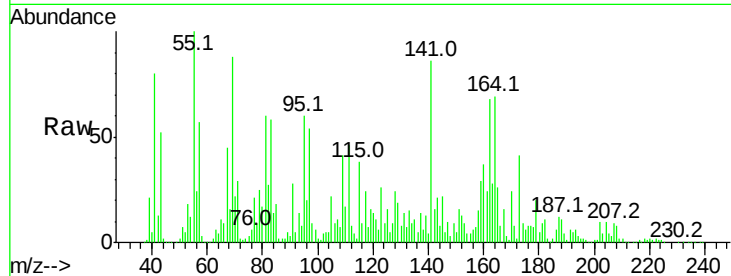
ClientSampleId :

MAP-5-E(12-13)

Tot Ion:	164	Resp:	221027
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.8	118.2
160	53.3	35.4	53.0#

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#41

2,4,6-Tribromophenol

Concen: 111.551 ng

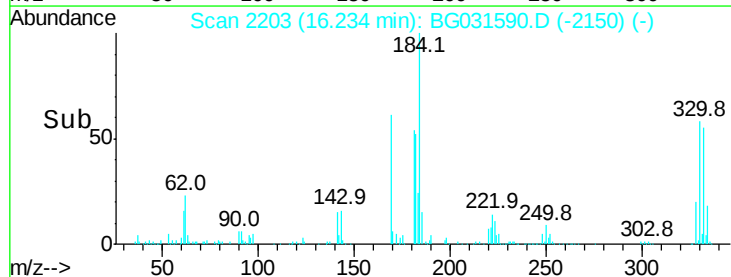
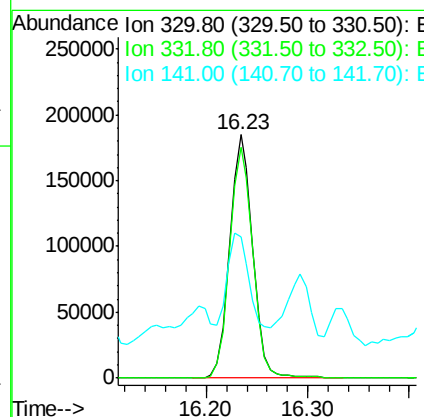
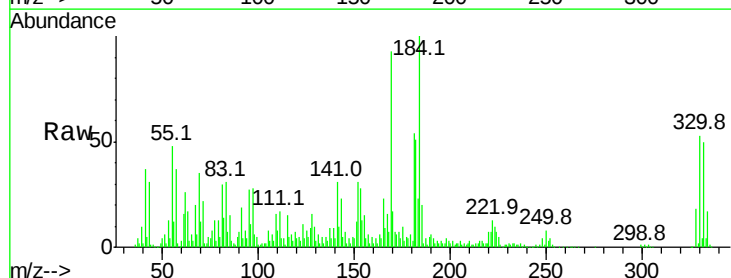
RT: 16.23 min Scan# 2203

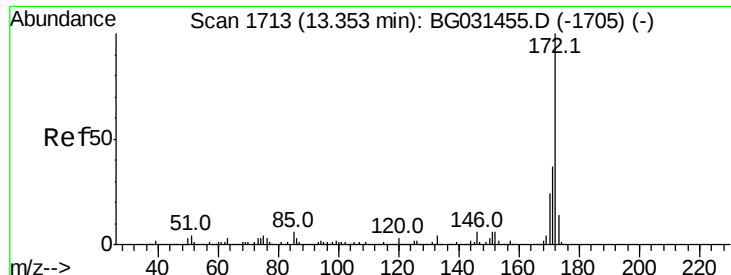
Delta R.T. 0.01 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Tgt Ion:	330	Resp:	288852
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	41.2	25.2	37.8#





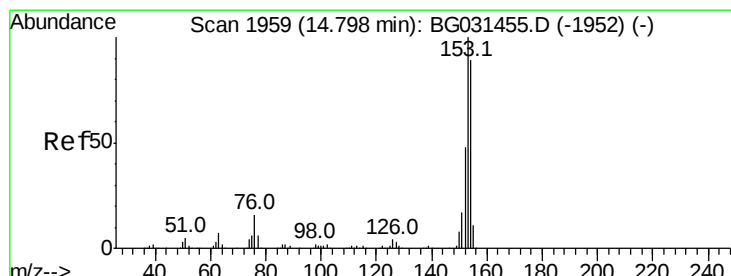
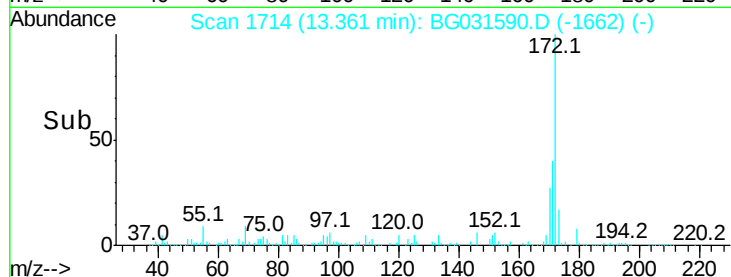
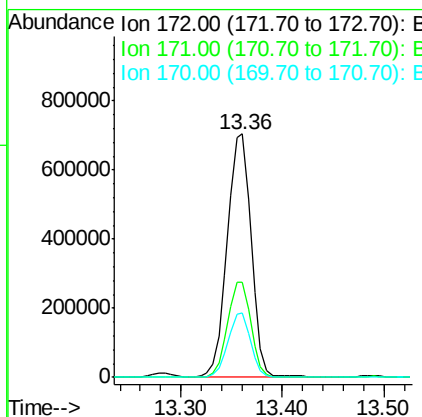
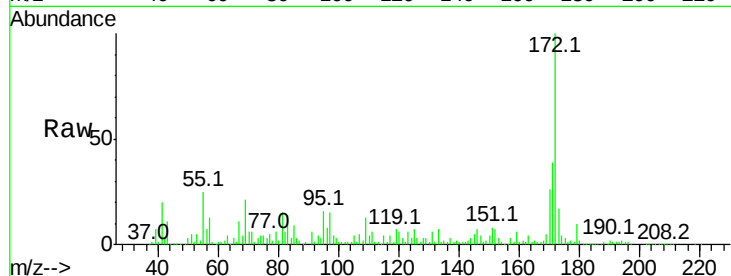
#44
2-Fluorobiphenyl
Concen: 76.659 ng
RT: 13.36 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(12-13)

Tot Ion:172 Resp: 1154299
Ion Ratio Lower Upper
172 100
171 39.2 30.0 45.0
170 26.4 19.5 29.3

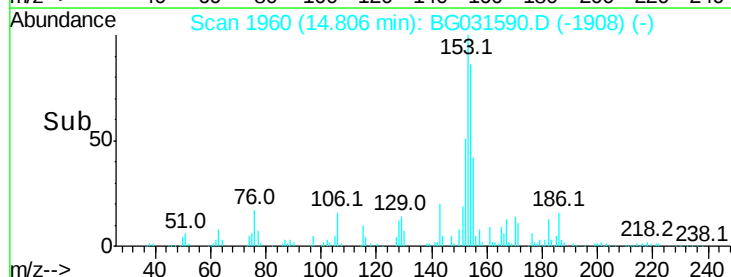
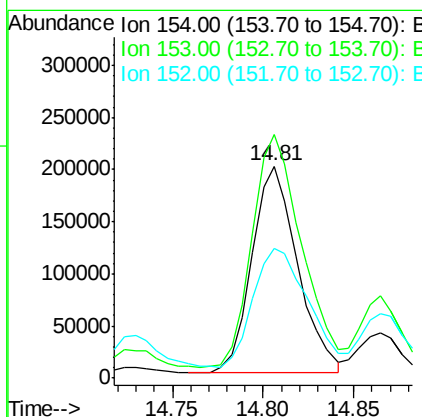
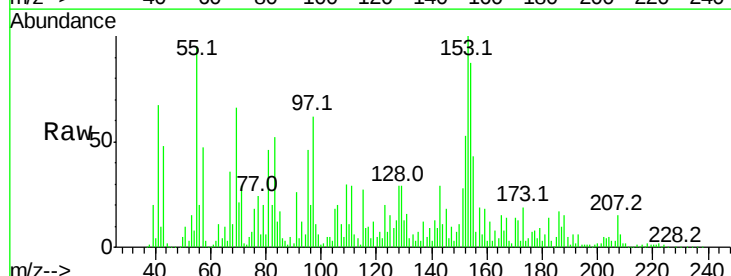
Manual Integrations
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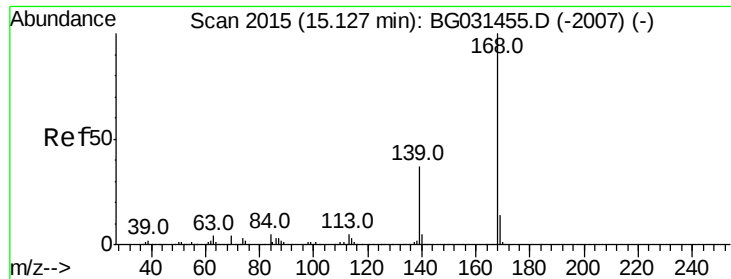
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#51
Acenaphthene
Concen: 25.629 ng
RT: 14.81 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Tgt Ion:154 Resp: 346467
Ion Ratio Lower Upper
154 100
153 115.0 90.4 135.6
152 61.1 41.6 62.4





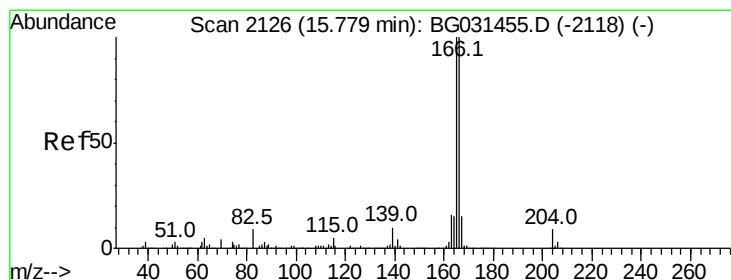
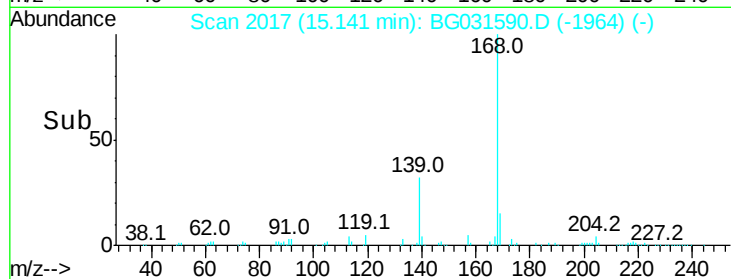
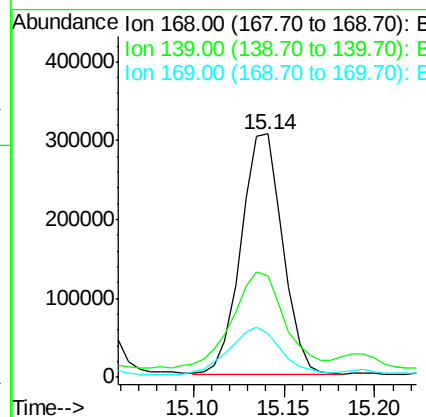
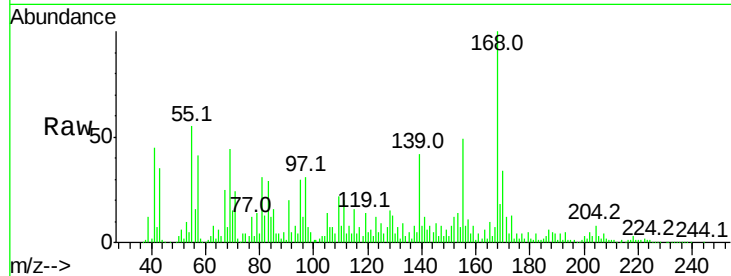
#54
Dibenzenofuran
Concen: 22.371 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(12-13)

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	28.6	43.0
169	18.1	11.2	16.8

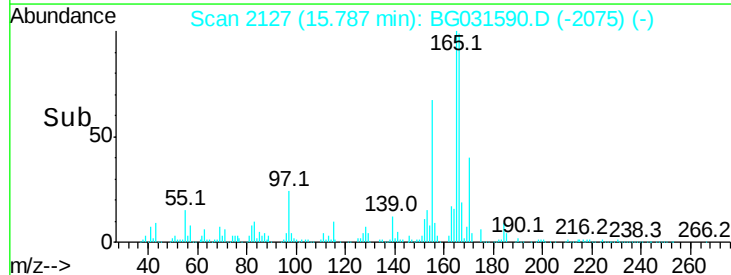
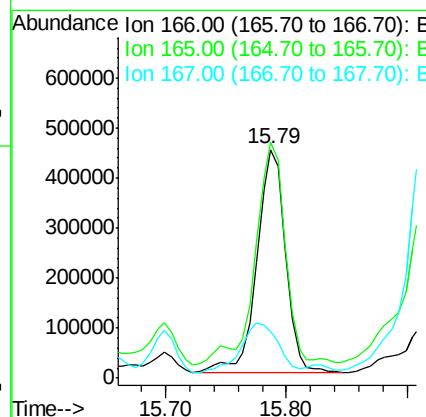
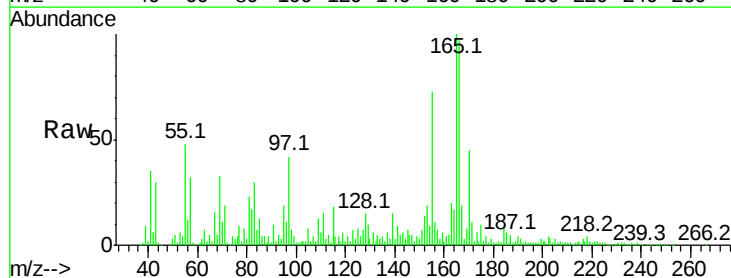
Manual Integrations
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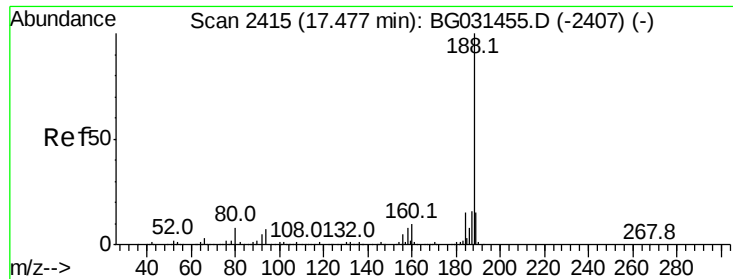
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#57
Fluorene
Concen: 42.837 ng
RT: 15.79 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.6	121.0
167	20.0	10.4	15.6





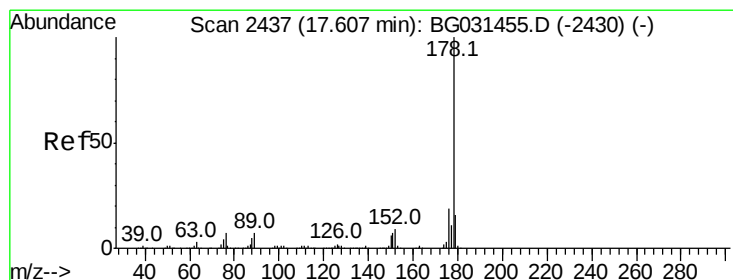
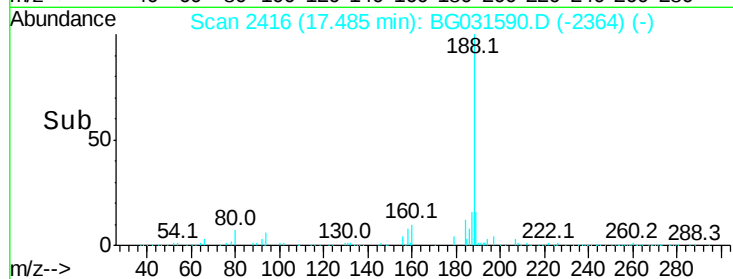
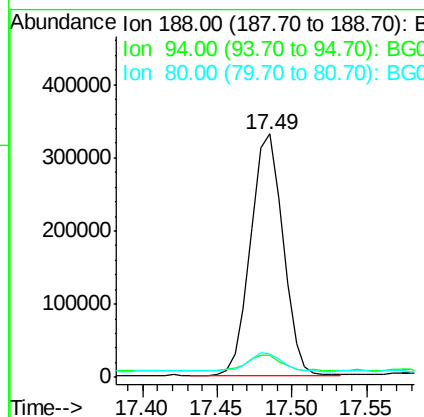
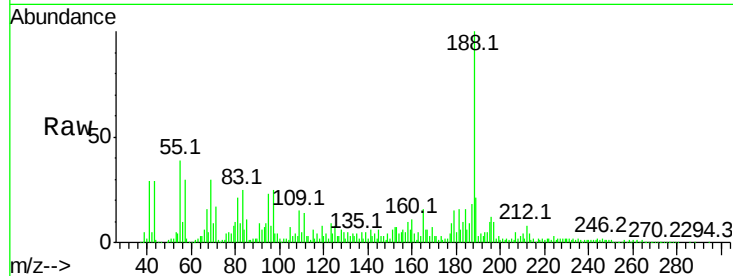
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(12-13)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	492189		
94	9.1	6.9	10.3	
80	9.9	7.7	11.5	

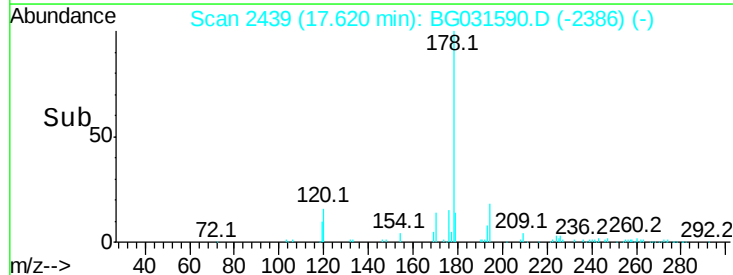
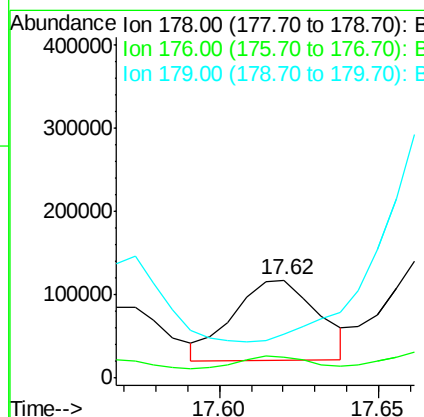
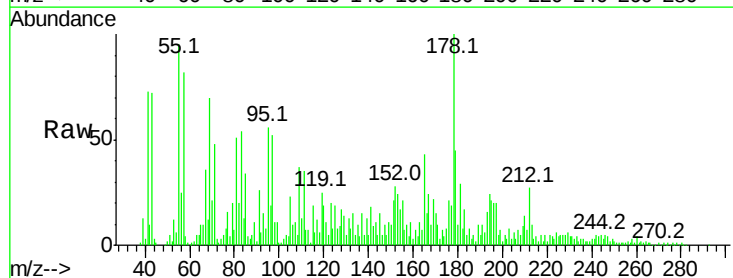
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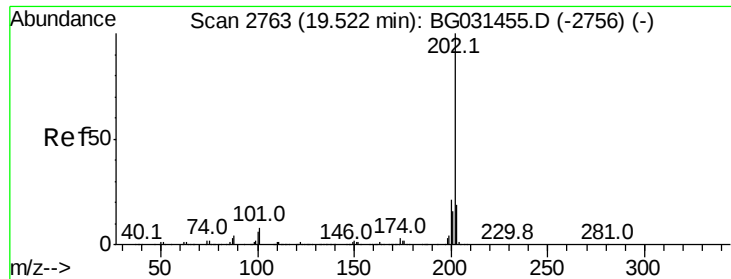
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#71
Anthracene
Concen: 7.016 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG031590.D
Acq: 15 Dec 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	178366		
176	20.8	16.0	24.0	
179	44.8	12.5	18.7#	





#74

Fluoranthene

Concen: 2.193 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Instrument :

BNA_G

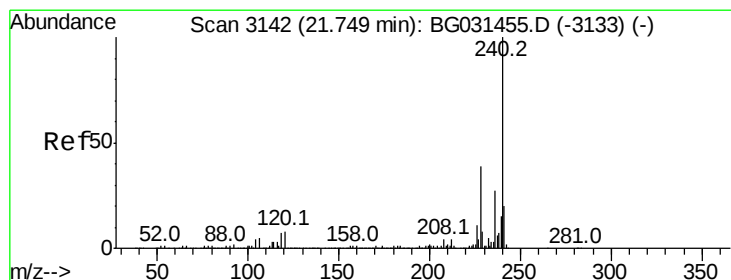
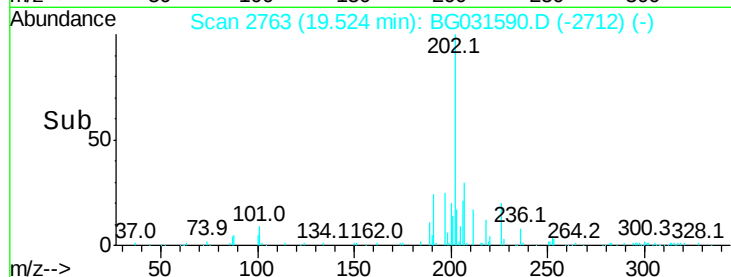
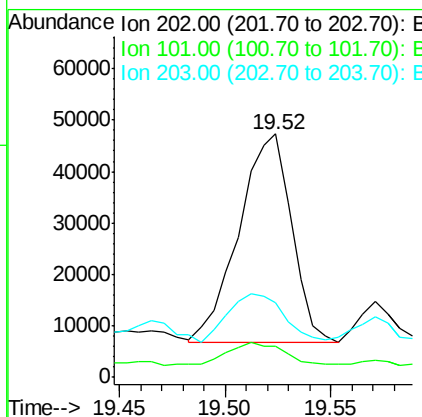
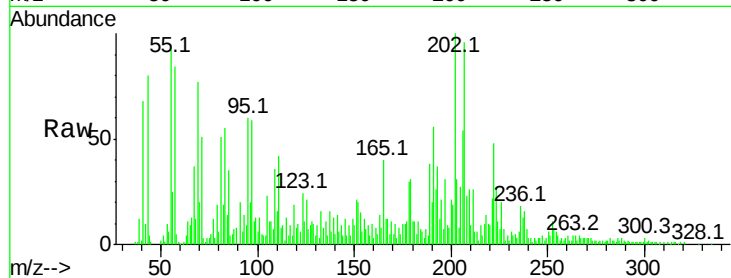
ClientSampleId :

MAP-5-E(12-13)

Tot Ion:	202	Resp:	70548
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	28.9
203	30.5	0.0	37.5

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#75

Chrysene-d12

Concen: 20.000 ng

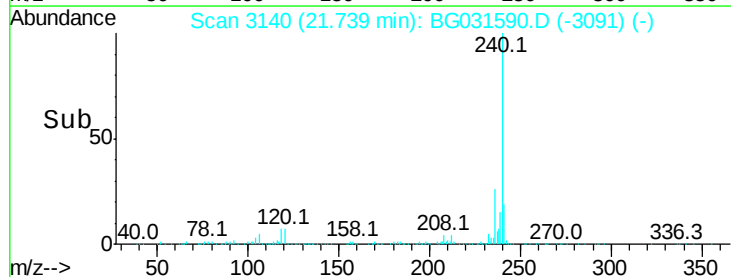
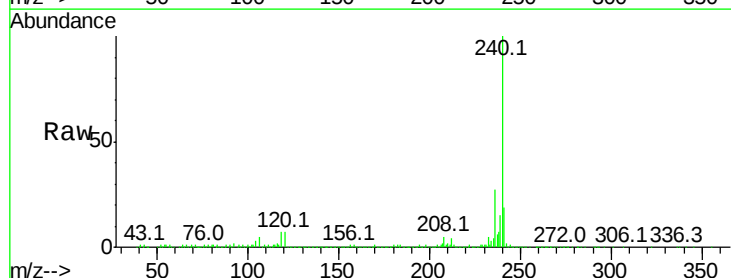
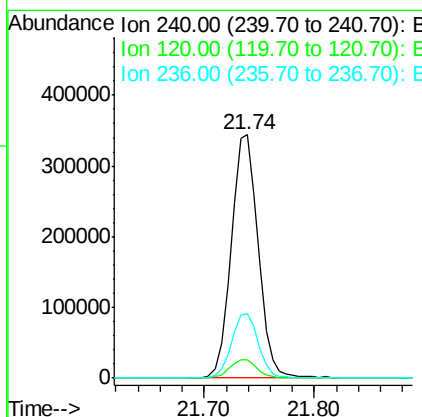
RT: 21.74 min Scan# 3140

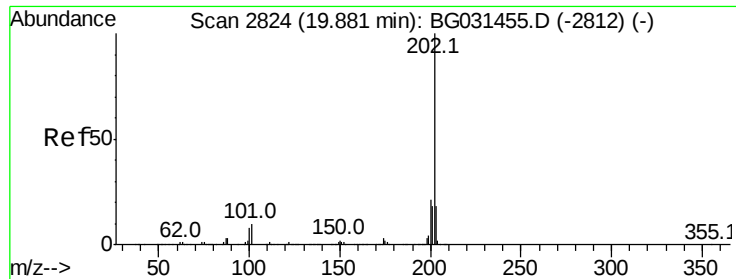
Delta R.T. -0.01 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Tgt Ion:	240	Resp:	588540
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	26.5	20.9	31.3





#77

Pvrene

Concen: 6.222 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Instrument :

BNA_G

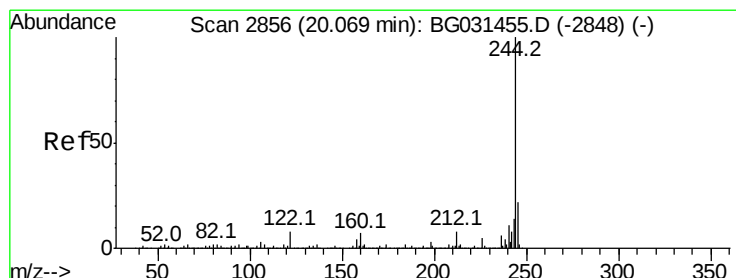
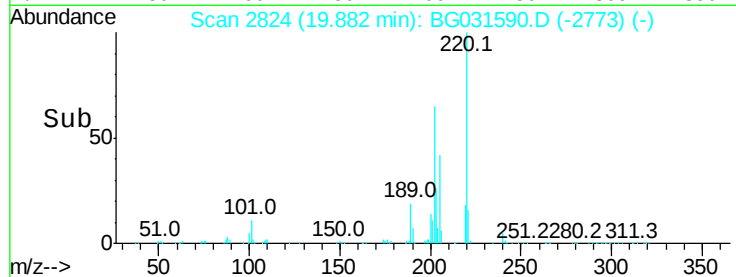
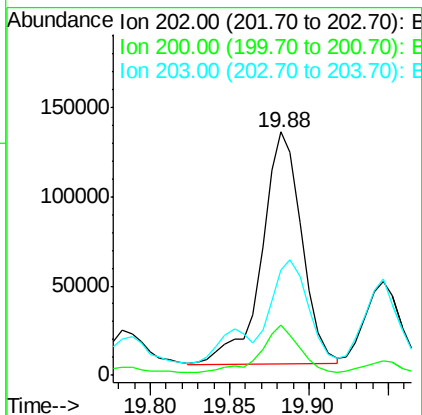
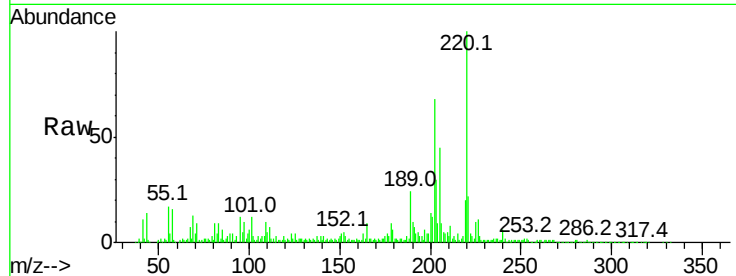
ClientSampleId :

MAP-5-E(12-13)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	227533		
200	20.6	16.9	25.3	
203	43.4	13.9	20.9	

Manual Integrations
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#78

Terphenyl-d14

Concen: 71.109 ng

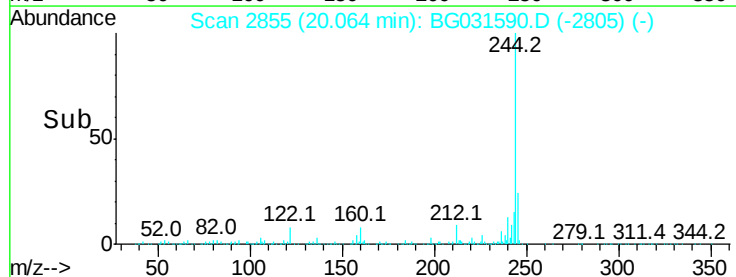
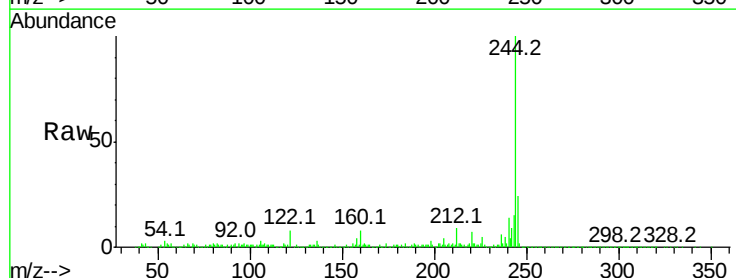
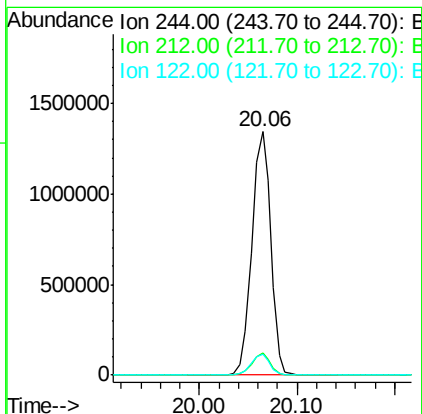
RT: 20.06 min Scan# 2855

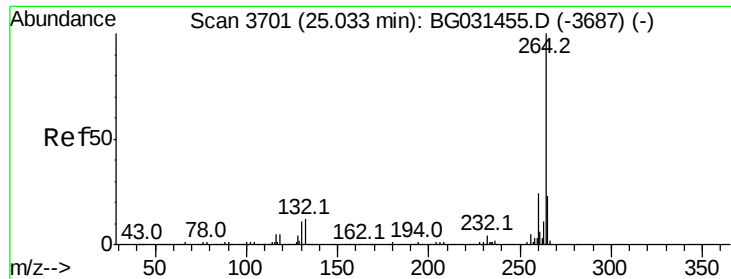
Delta R.T. -0.00 min

Lab File: BG031590.D

Acq: 15 Dec 2017 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1839448		
212	8.9	5.8	8.8	
122	8.4	7.0	10.4	





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3697
 Delta R.T. -0.02 min
 Lab File: BG031590.D
 Acq: 15 Dec 2017 11:30

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(12-13)

Tot Ion:	264	Resp:	536564
Ion Ratio		Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.7	17.7	26.5

Manual Integrations
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