

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046286.D
 Acq On : 14 Aug 2020 22:03
 Operator : CG/JU
 Sample : L3661-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-53

Manual Integrations
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mohammad
 8/18/2020 1:41:39 PM

Quant Time: Aug 17 05:43:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104574	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	428052	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	283789	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	574439	20.00	ng	0.00
76) Chrysene-d12	21.57	240	605981	20.00	ng	0.00
86) Perylene-d12	24.67	264	662369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	384211	63.87	ng	0.00
7) Phenol-d6	7.11	99	515133	62.83	ng	0.00
23) Nitrobenzene-d5	9.10	82	362562	45.86	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	277600	63.69	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	929653	47.59	ng	0.00
79) Terphenyl-d14	19.93	244	1245407	41.86	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.03	163	253063	11.618	ng	98
71) Phenanthrene	17.36	178	76921	2.445	ng	94
75) Fluoranthene	19.37	202	222637	5.667	ng	97
78) Pyrene	19.73	202	220422	5.414	ng	96
81) Benzo(a)anthracene	21.54	228	117734	2.903	ng	98
83) Chrysene	21.61	228	141047m	3.551	ng	
88) Benzo(b)fluoranthene	23.69	252	195984	4.415	ng	99
90) Benzo(a)pyrene	24.52	252	123477	2.990	ng	96
92) Benzo(g,h,i)perylene	29.26	276	88599	2.077	ng	94

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

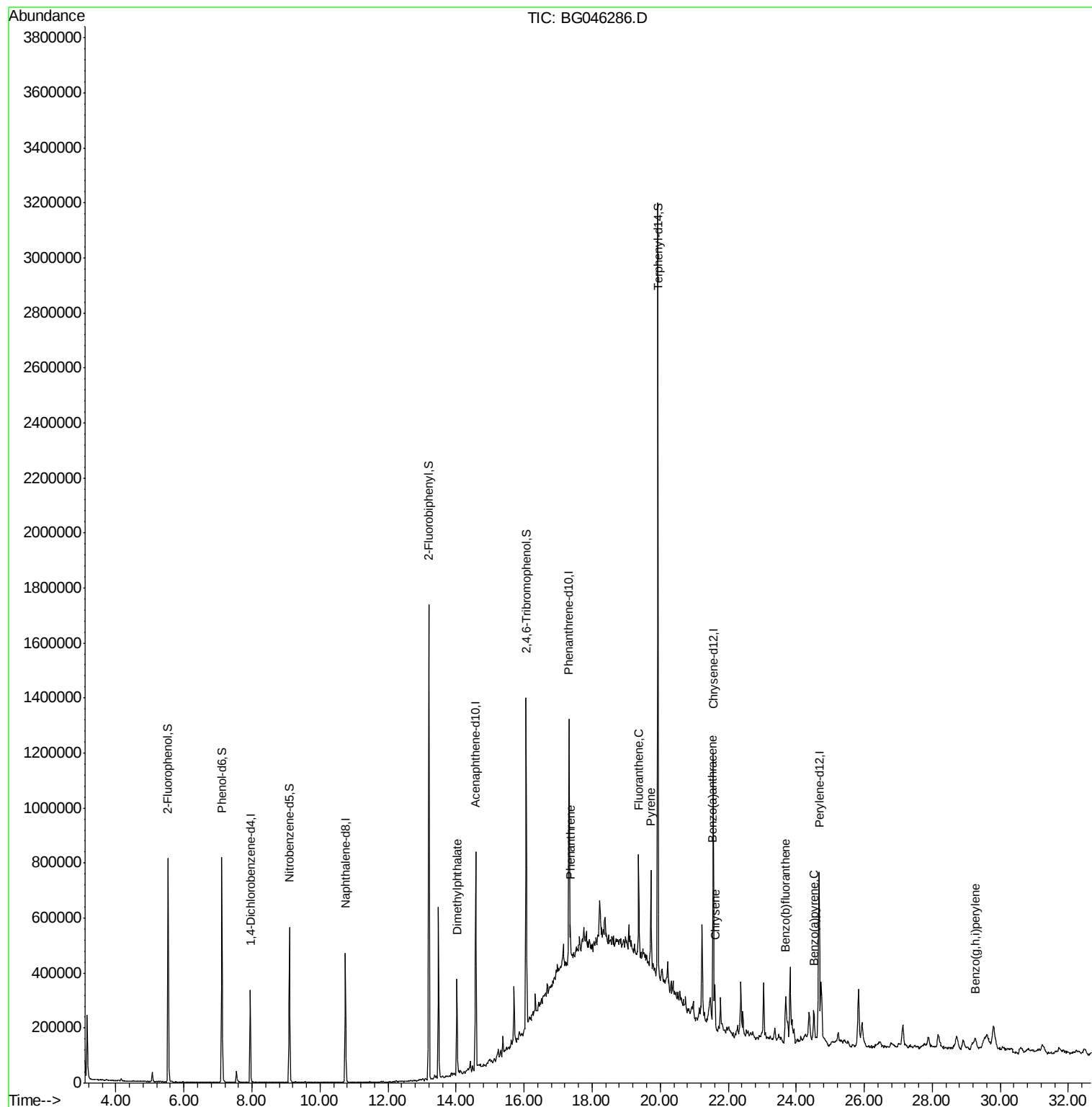
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046286.D
Acq On : 14 Aug 2020 22:03
Operator : CG/JU
Sample : L3661-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

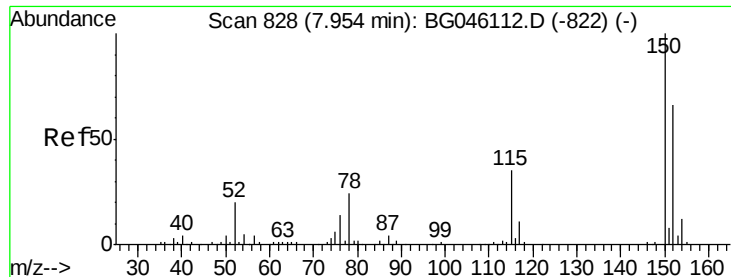
Instrument :
BNA_G
ClientSampleId :
RBR-53

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Quant Time: Aug 17 05:43:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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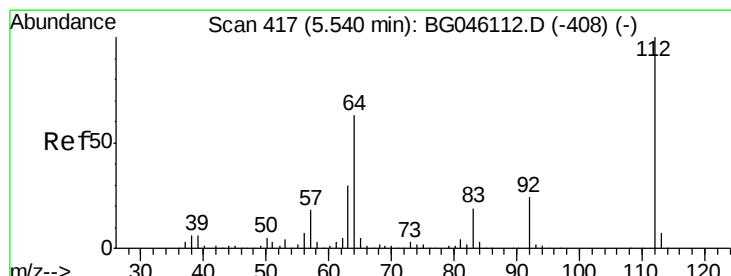
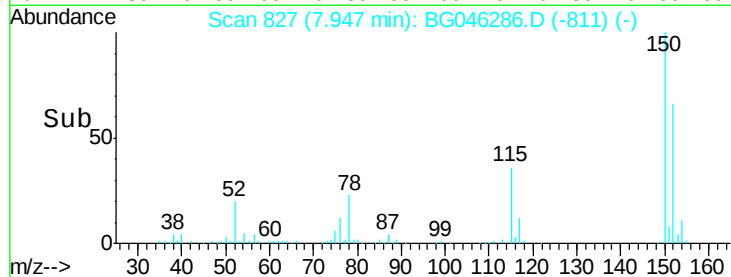
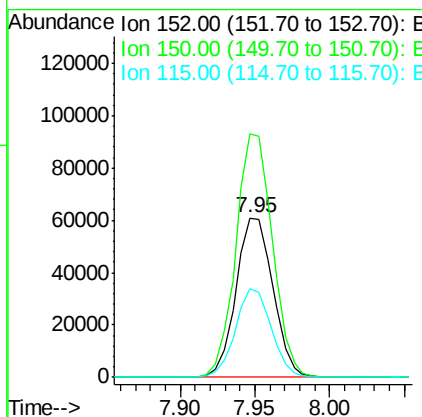
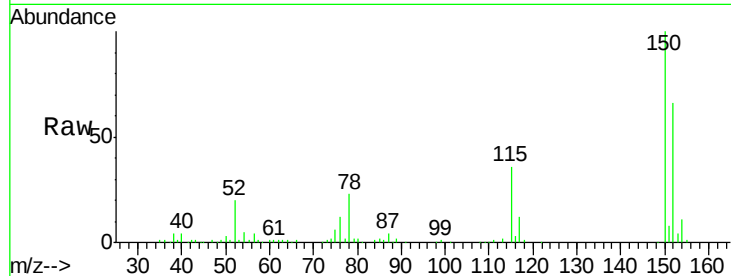
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Instrument :
 BNA_G
 ClientSampleId :
 RBR-53

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.1	183.1
115	55.4	43.2	64.8

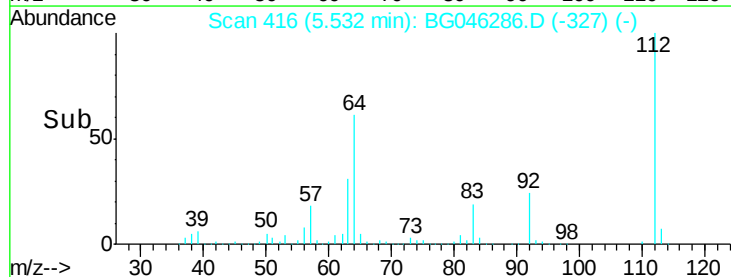
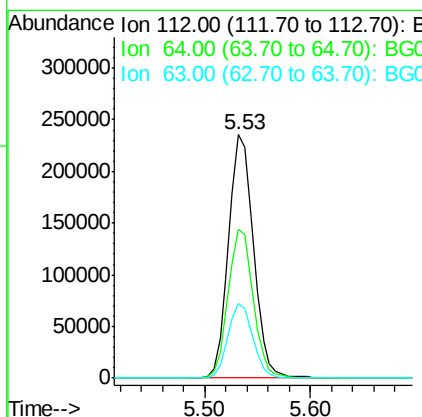
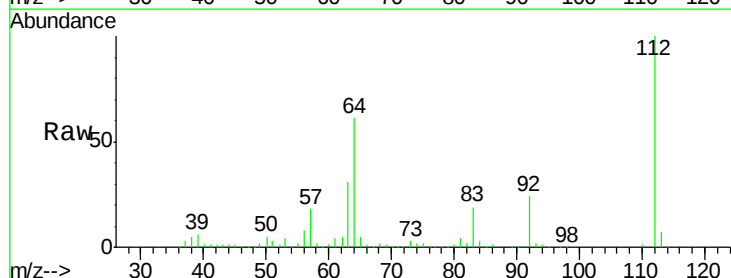
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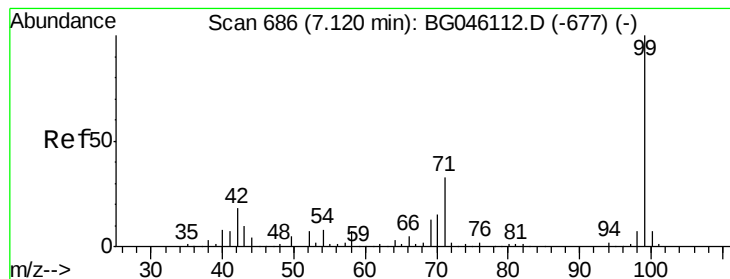
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#5
 2-Fluorophenol
 Concen: 63.869 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.2	75.2
63	30.5	24.2	36.4





#7

Phenol-d6

Concen: 62.833 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

Instrument :

BNA_G

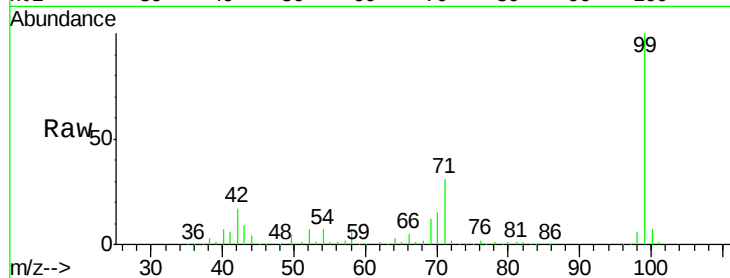
ClientSampleId :

RBR-53

Tot Ion:	99	Resp:	515133
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.7	22.1
71	31.1	26.5	39.7

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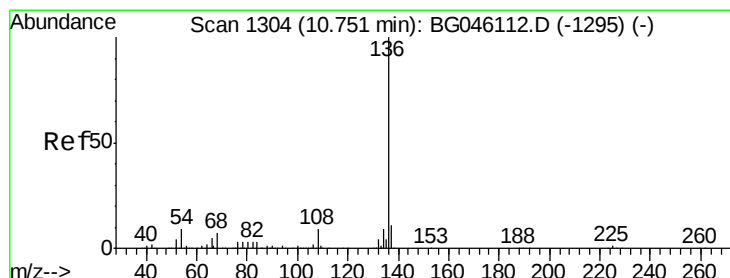
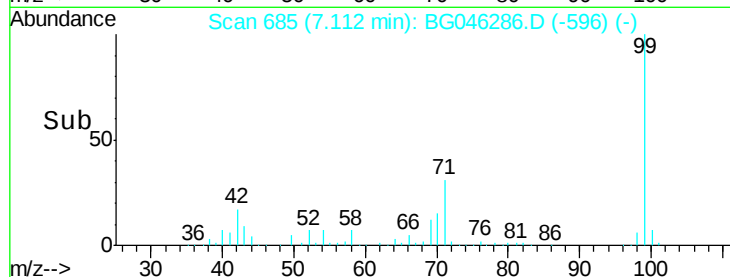
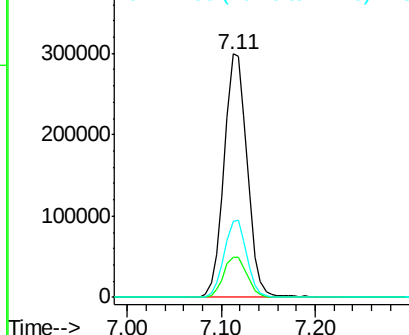


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

Tgt Ion:	136	Resp:	428052
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	8.3	7.0	10.4
68	6.3	5.3	7.9

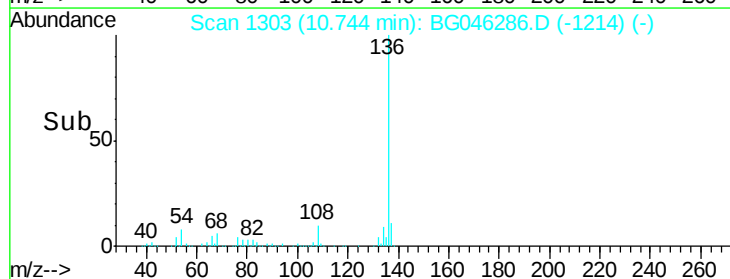
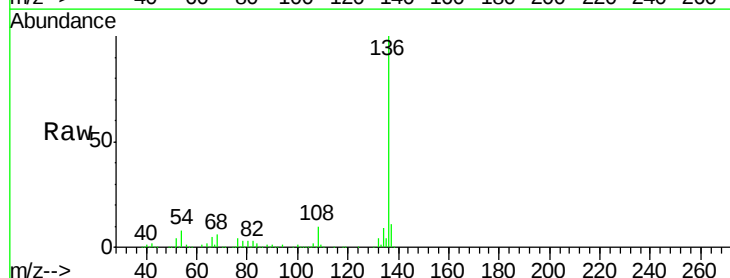
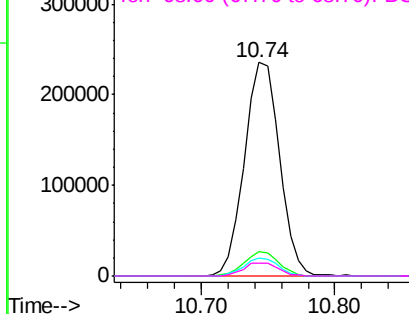
Abundance

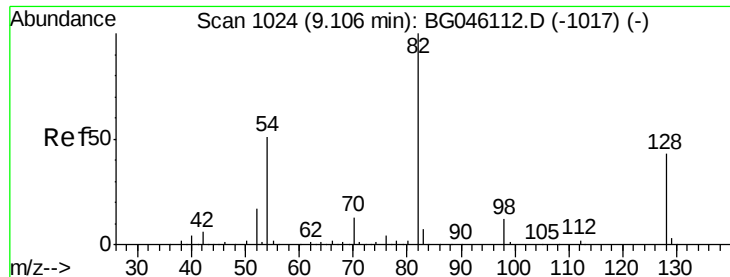
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





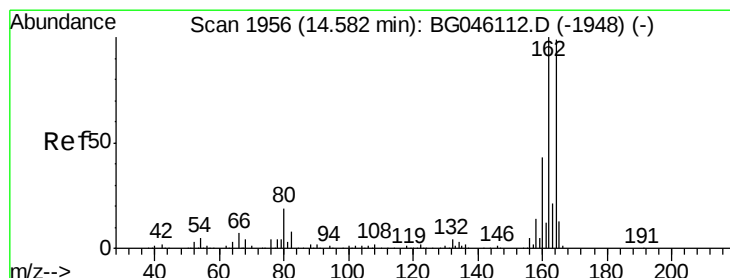
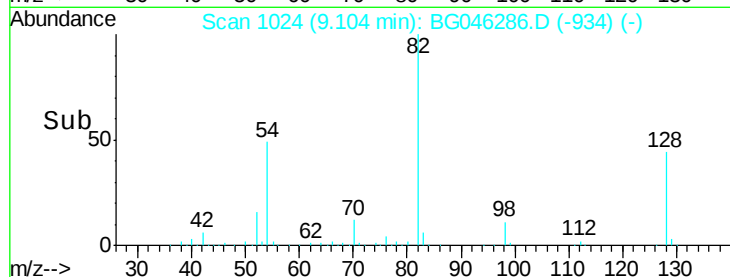
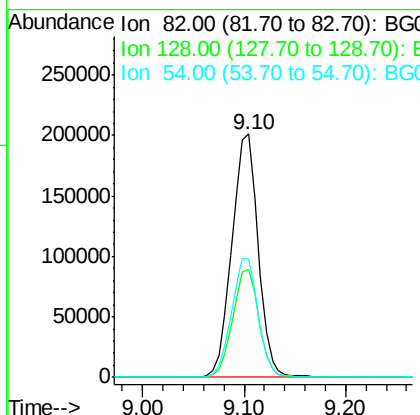
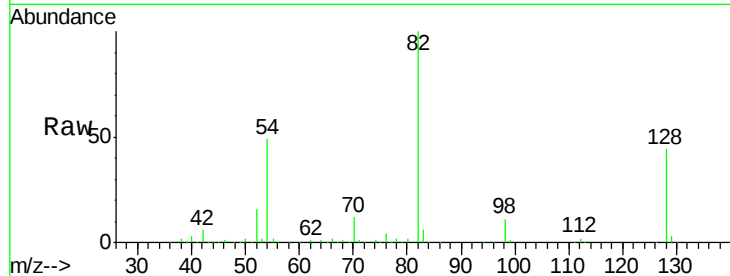
#23
 Nitrobenzene-d5
 Concen: 45.859 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Instrument :
 BNA_G
 ClientSampleId :
 RBR-53

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.4	51.6	
54	48.5	40.8	61.2	

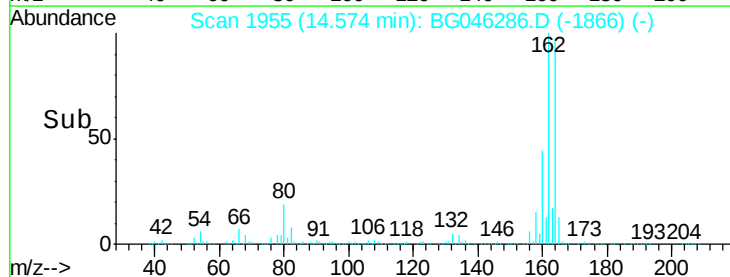
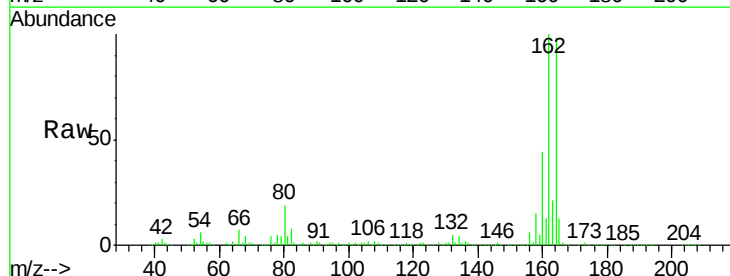
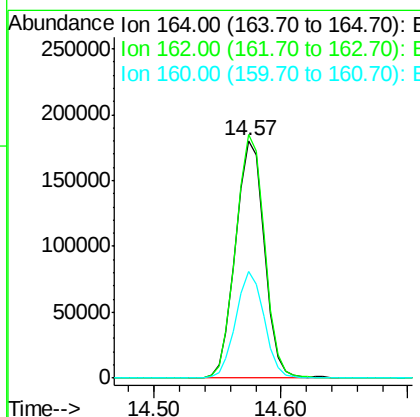
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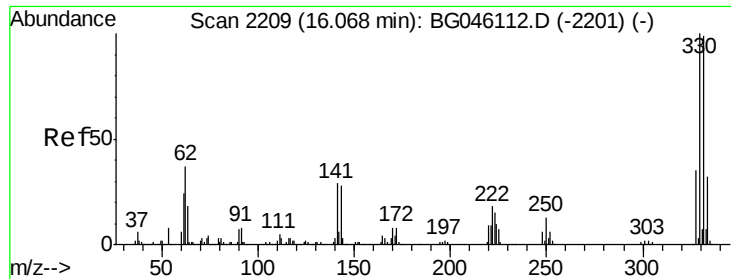
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	80.6	121.0	
160	45.0	34.9	52.3	





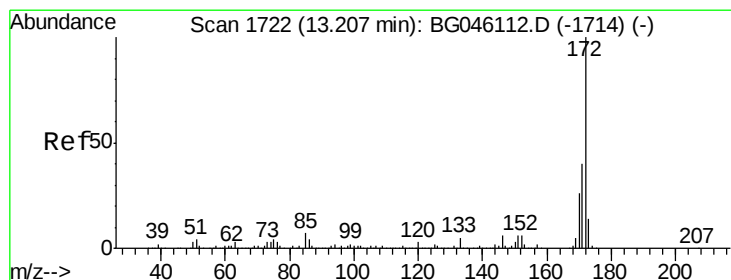
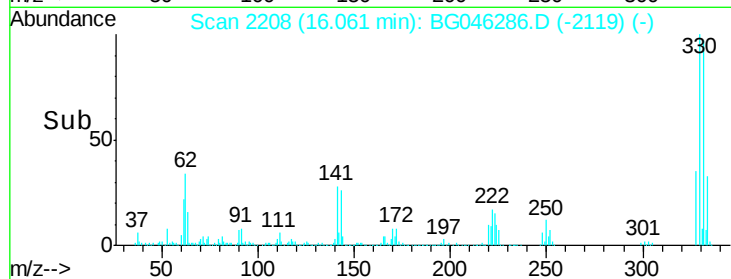
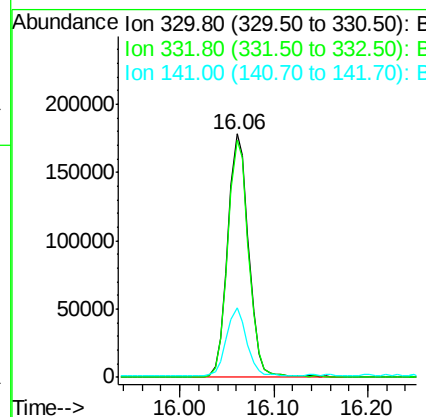
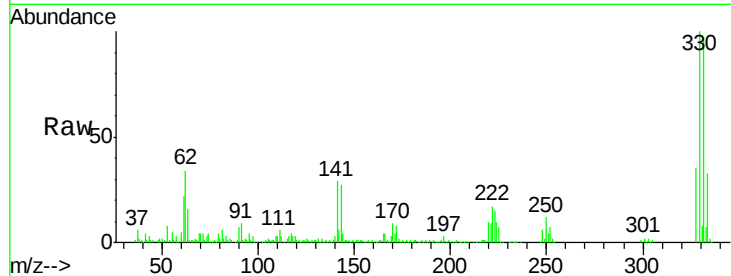
#42
 2,4,6-Tribromophenol
 Concen: 63.685 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Instrument :
 BNA_G
 ClientSampleId :
 RBR-53

Tot Ion	Ratio	Resp	Lower	Upper
330	100	277600		
332	97.5	77.4	116.2	
141	27.1	23.4	35.0	

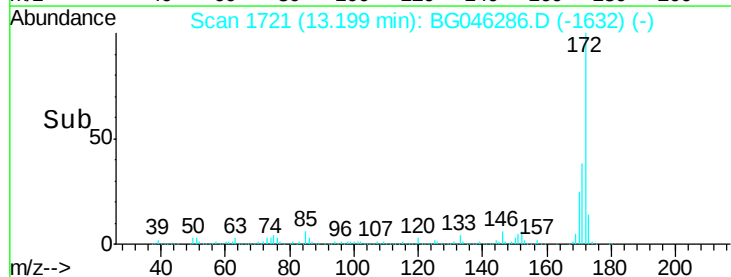
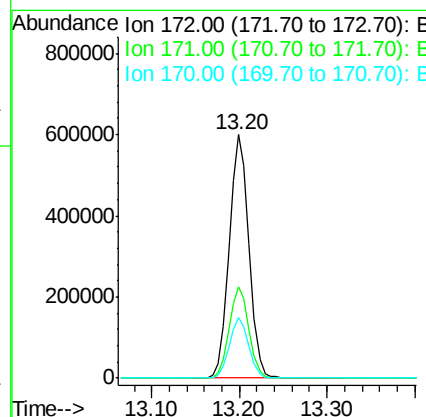
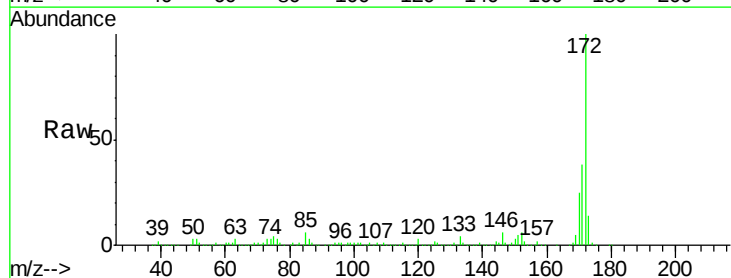
Manual Integrations
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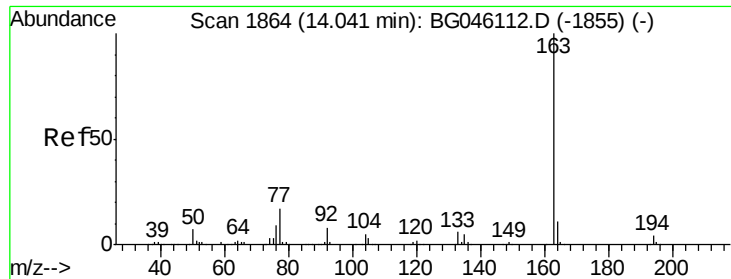
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#45
 2-Fluorobiphenyl
 Concen: 47.586 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	929653		
171	37.6	31.7	47.5	
170	24.8	20.9	31.3	





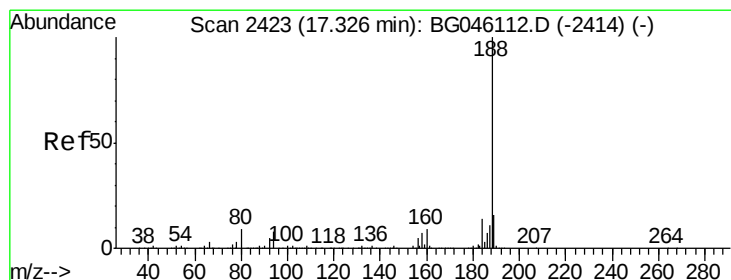
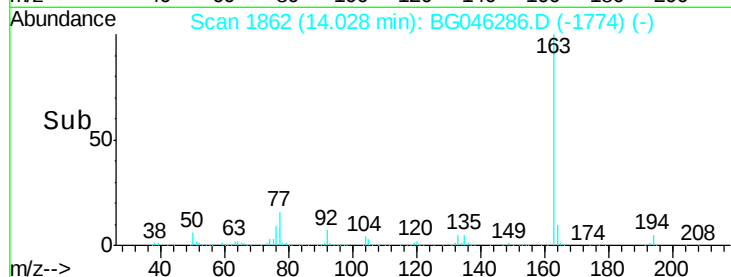
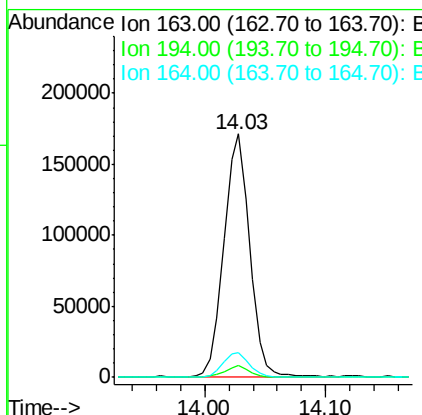
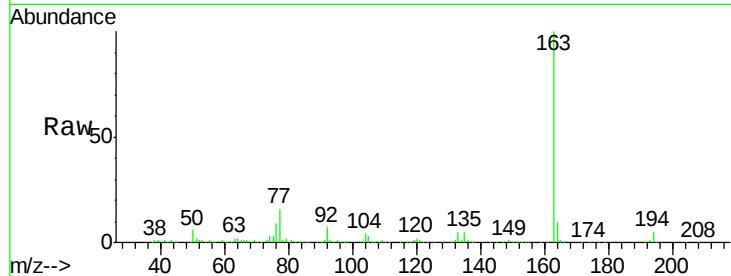
#50
Dimethylphthalate
Concen: 11.618 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Instrument :
BNA_G
ClientSampleId :
RBR-53

Tot Ion	Ratio	Resp	Lower	Upper
163	100	253063		
194	4.7		3.5	5.3
164	10.0		8.8	13.2

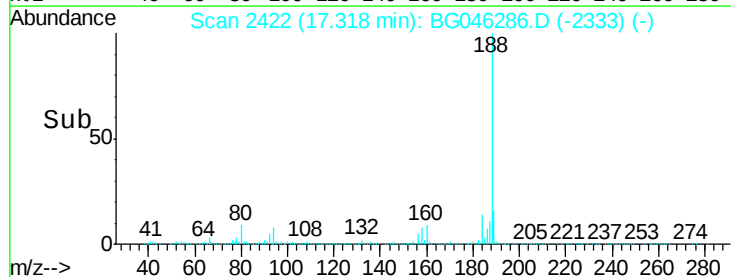
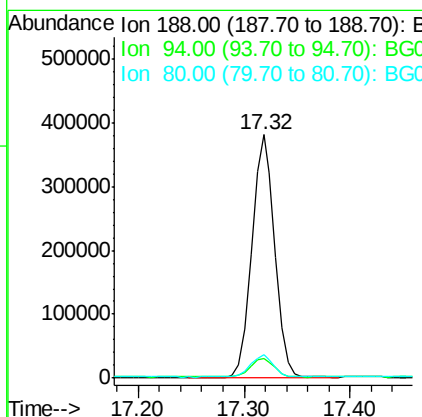
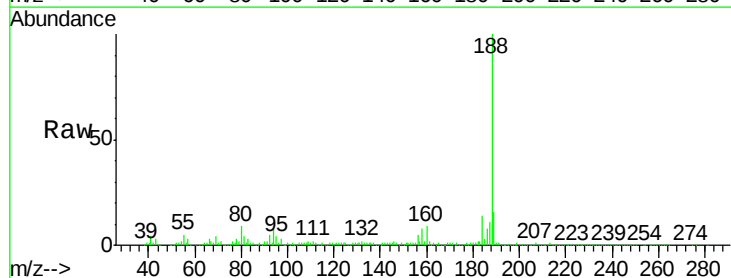
Manual Integrations
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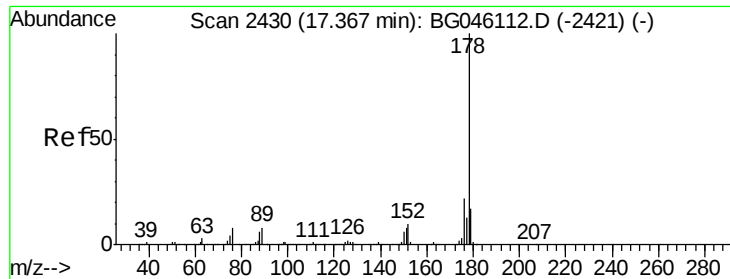
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	574439		
94	7.9		6.4	9.6
80	9.4		7.4	11.0





#71

Phenanthrene

Concen: 2.445 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

Instrument :

BNA_G

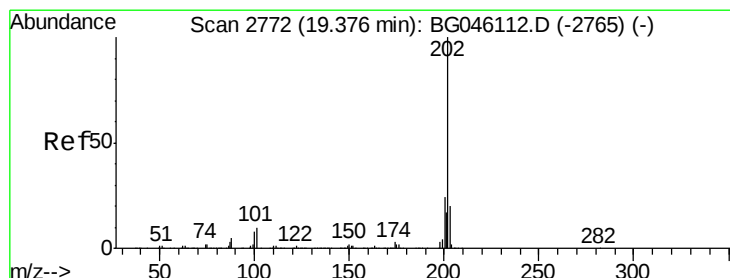
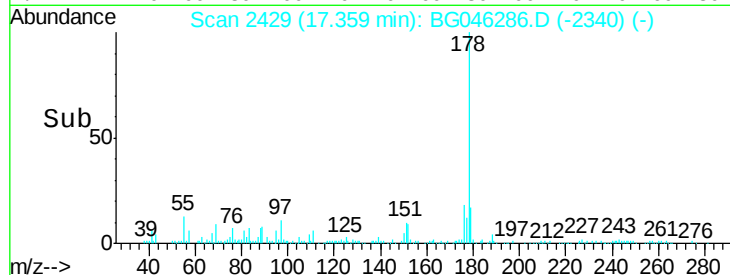
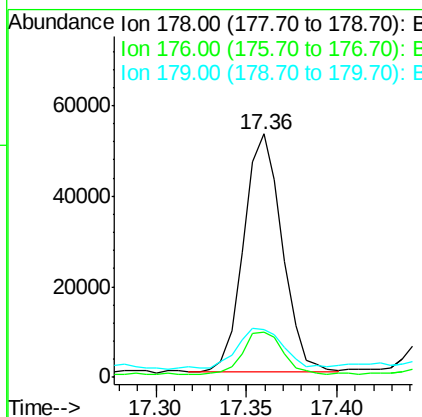
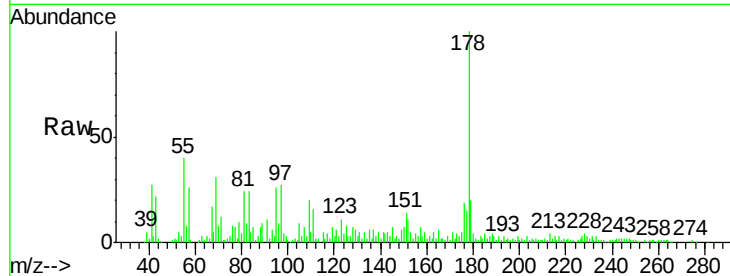
ClientSampleId :

RBR-53

Tot Ion:178	Resp:	76921
Ion Ratio	Lower	Upper
178	100	
176	18.5	17.3 25.9
179	19.8	13.8 20.6

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#75

Fluoranthene

Concen: 5.667 ng

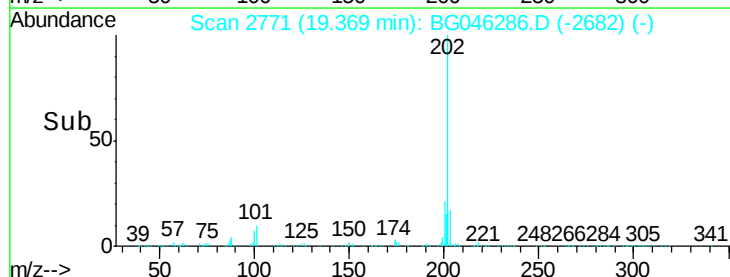
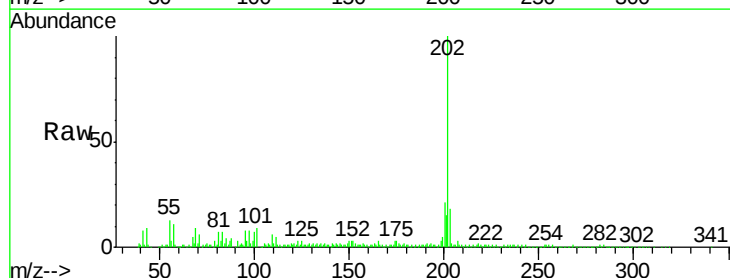
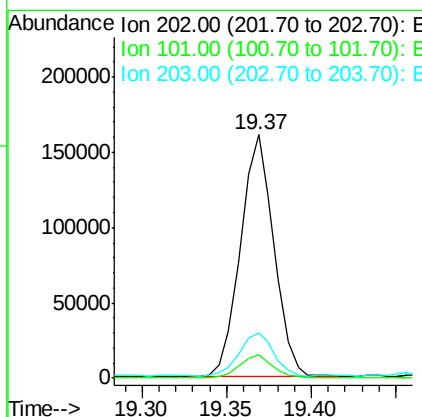
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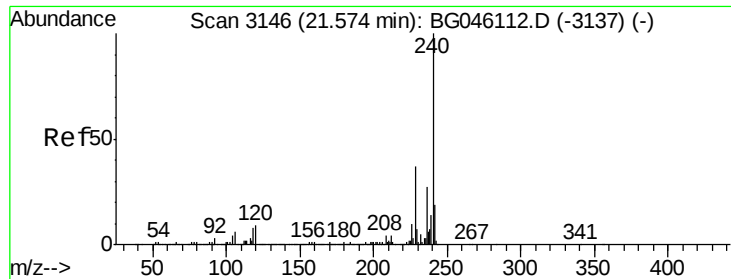
Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

Tgt Ion:202	Resp:	222637
Ion Ratio	Lower	Upper
202	100	
101	9.5	0.0 30.0
203	18.3	0.2 40.2





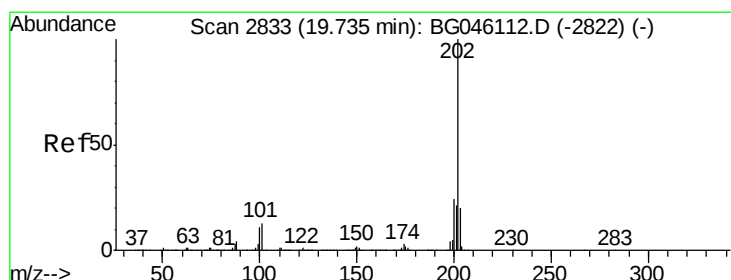
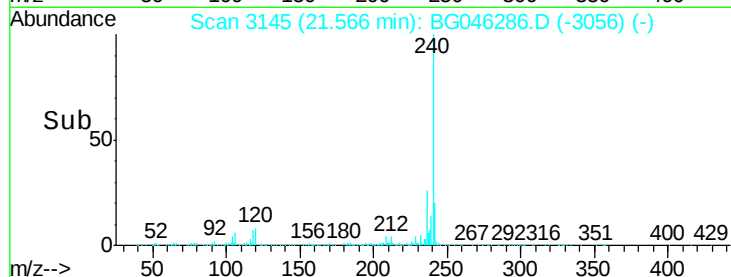
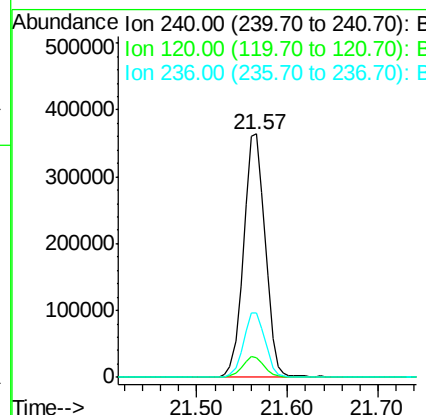
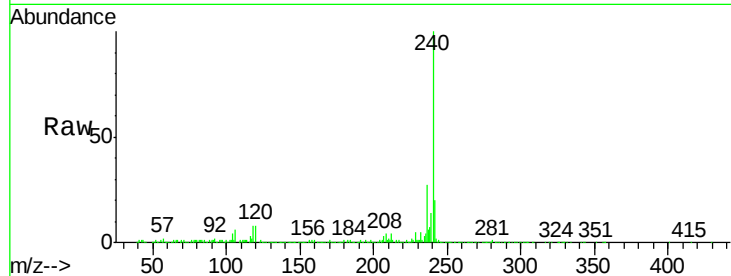
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Instrument :
BNA_G
ClientSampleId :
RBR-53

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	26.6	21.7	32.5

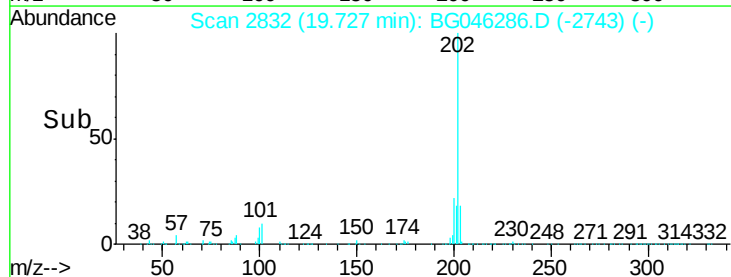
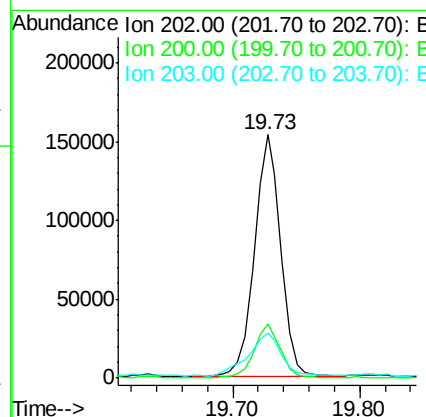
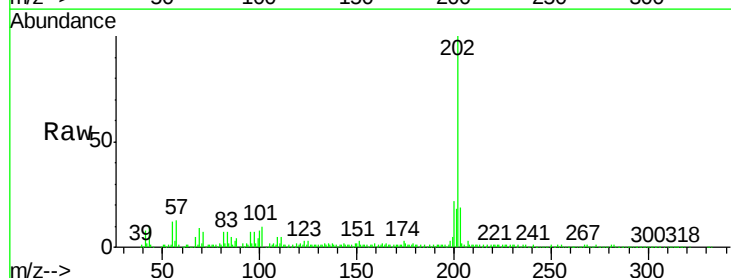
Manual Integrations
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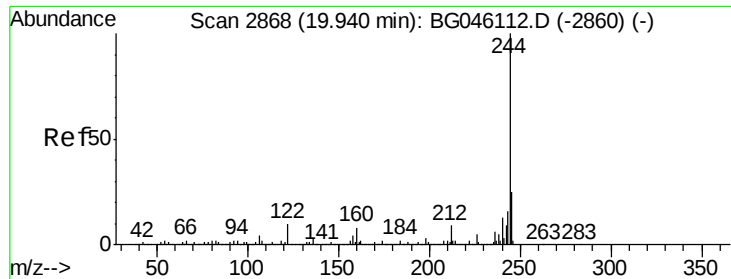
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#78
Pyrene
Concen: 5.414 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.5	29.3
203	18.8	16.2	24.2





#79

Terphenyl-d14

Concen: 41.857 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

Instrument :

BNA_G

ClientSampleId :

RBR-53

Tot Ion:244 Resp: 1245407

Ion Ratio Lower Upper

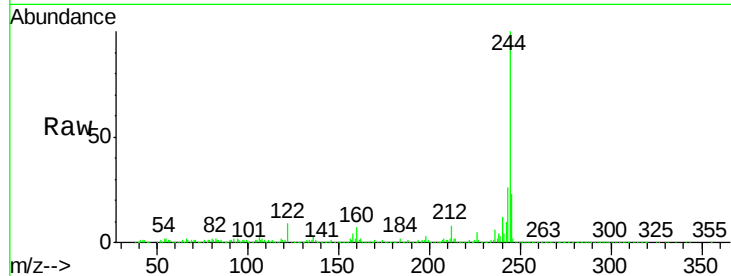
244 100

212 8.1 7.2 10.8

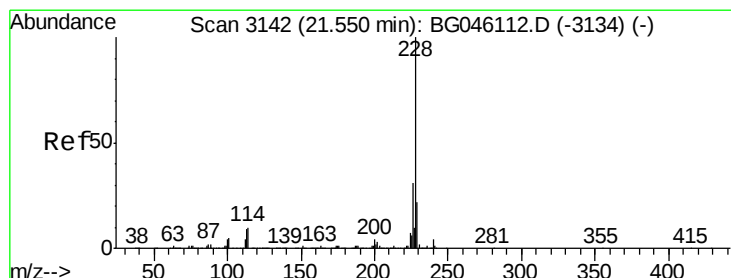
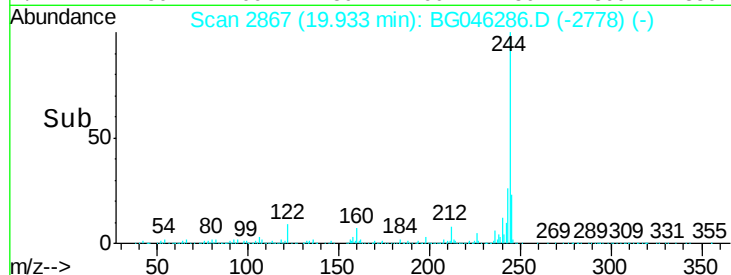
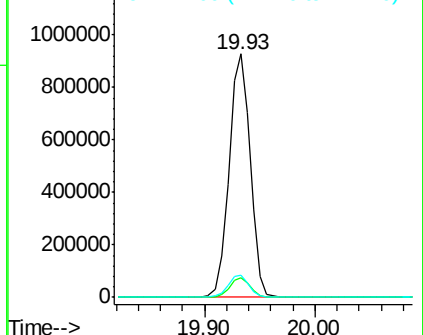
122 8.9 8.3 12.5

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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



#81

Benzo(a)anthracene

Concen: 2.903 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046286.D

Acq: 14 Aug 2020 22:03

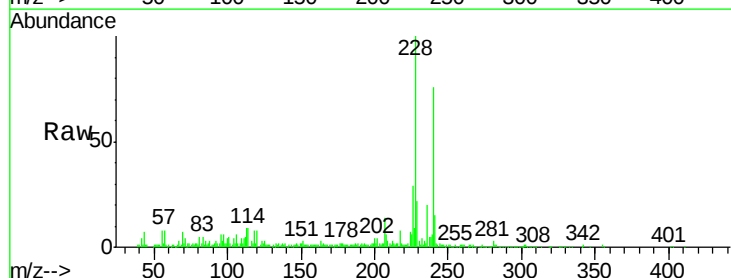
Tgt Ion:228 Resp: 117734

Ion Ratio Lower Upper

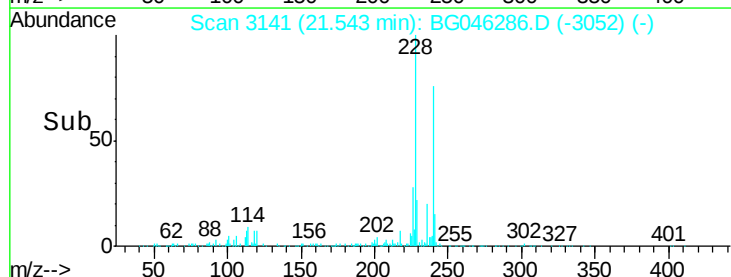
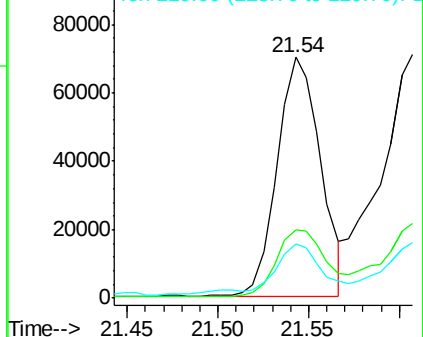
228 100

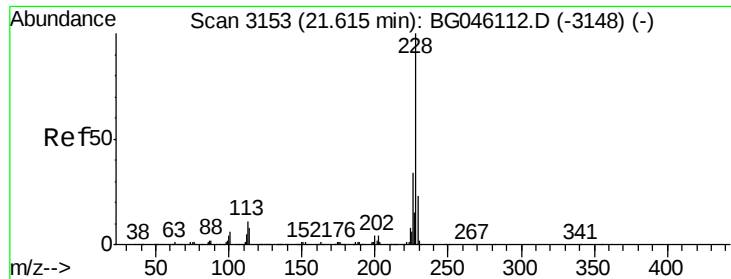
226 28.6 24.7 37.1

229 22.4 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





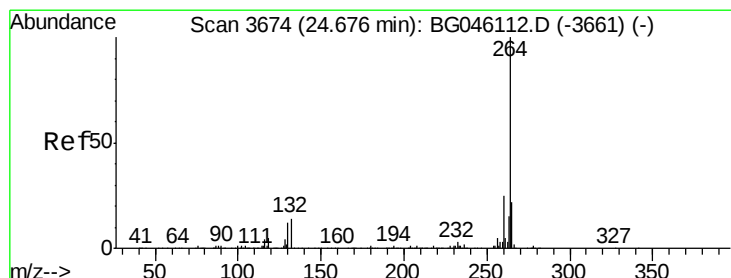
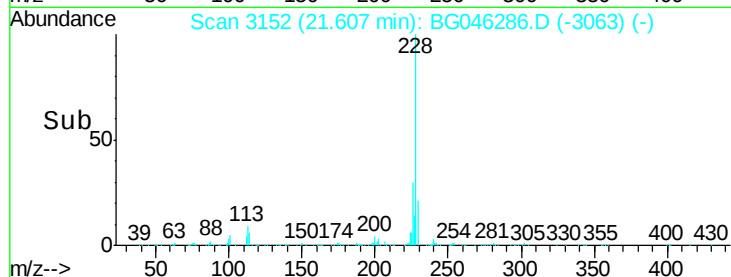
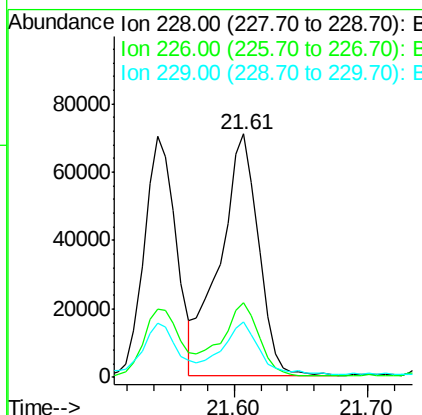
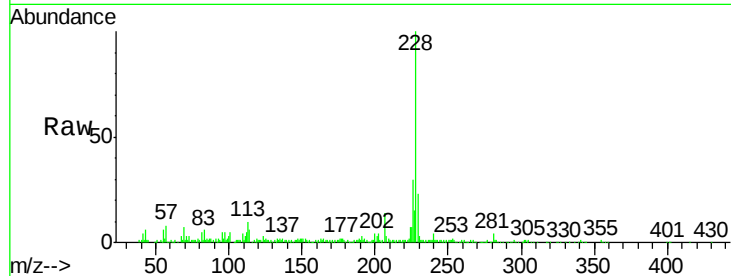
#83
Chrysene
Concen: 3.551 ng/mL
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Instrument :
BNA_G
ClientSampleId :
RBR-53

Tot Ion:	228	Resp:	141047
Ion Ratio	Lower	Upper	
228	100		
226	30.5	26.9	40.3
229	22.6	18.2	27.4

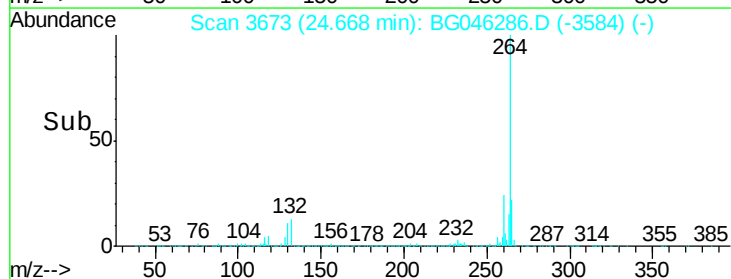
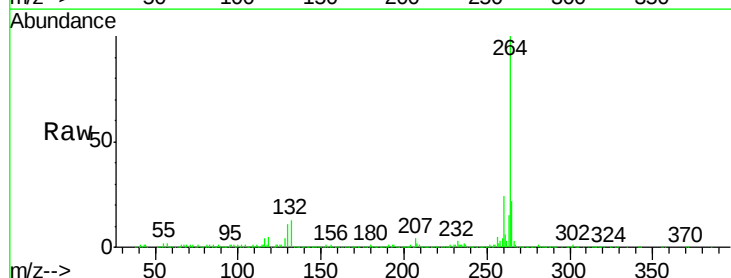
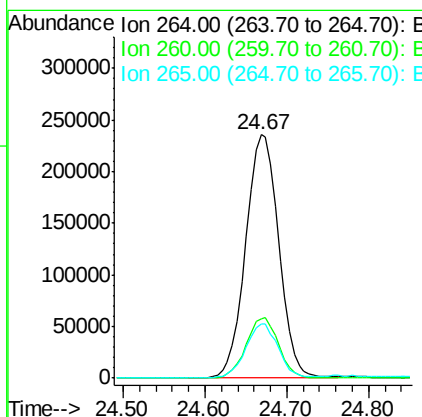
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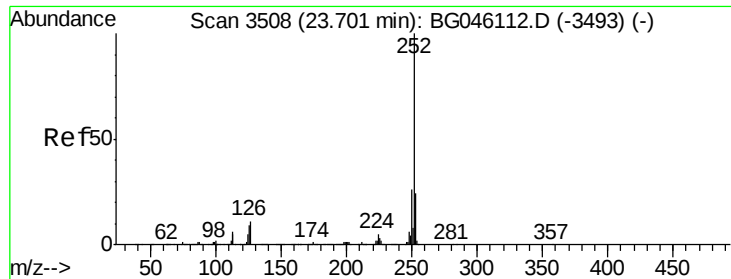
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Tgt Ion:	264	Resp:	662369
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.7	29.5
265	22.1	17.6	26.4





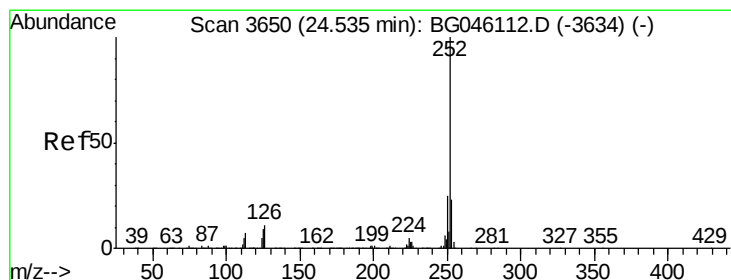
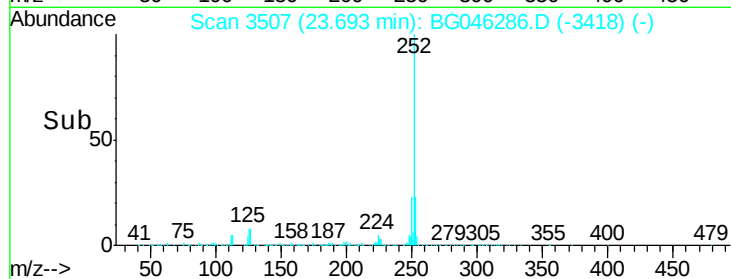
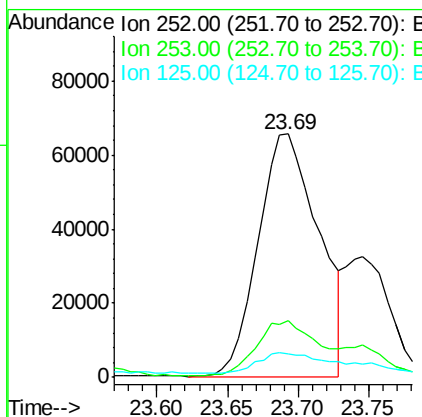
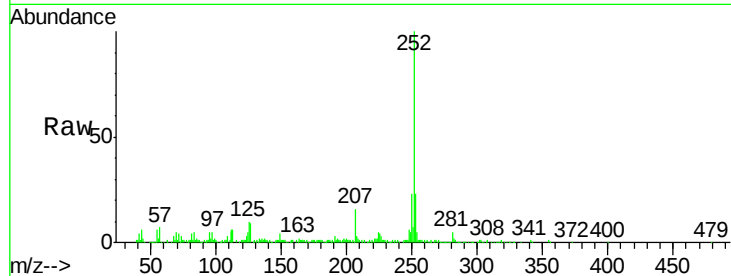
#88
Benzo(b)fluoranthene
Concen: 4.415 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Instrument :
BNA_G
ClientSampleId :
RBR-53

Tot Ion	Ratio	Resp	Lower	Upper
252	100	195984		
253	23.3		19.2	28.8
125	9.5		7.2	10.8

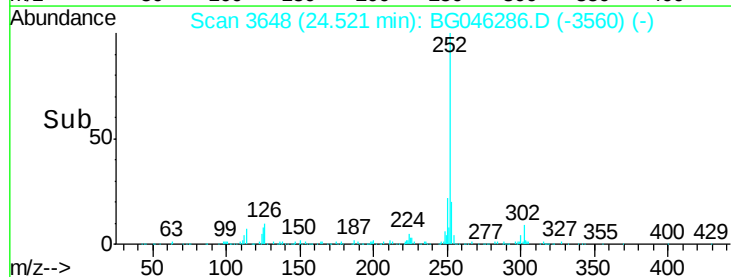
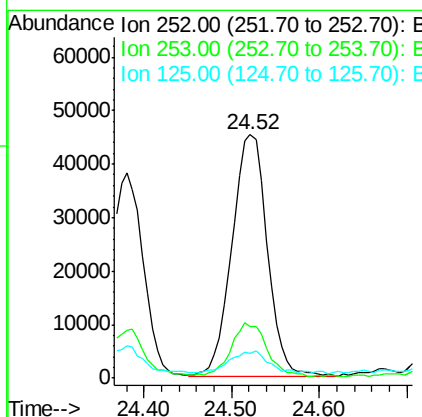
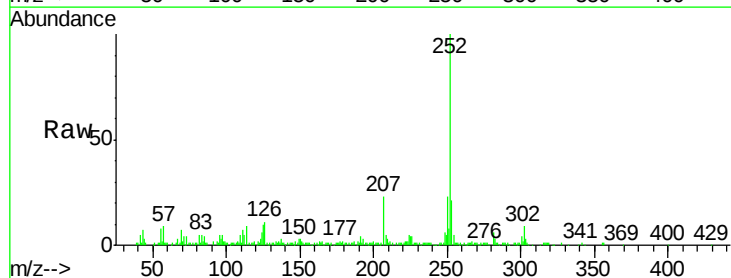
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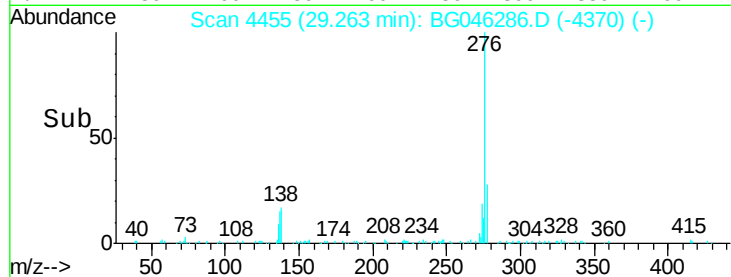
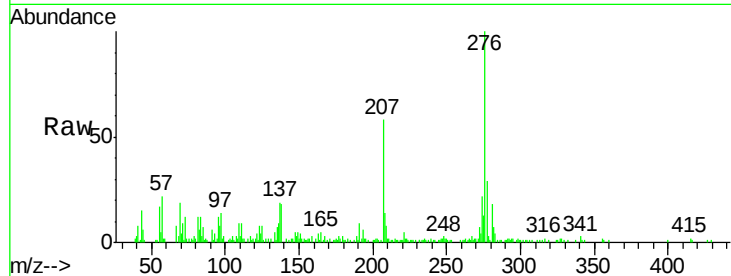
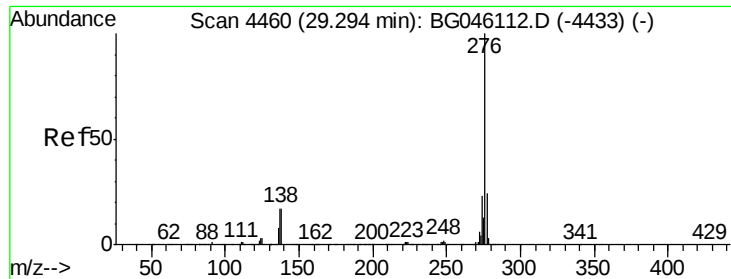
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#90
Benzo(a)pyrene
Concen: 2.990 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.01 min
Lab File: BG046286.D
Acq: 14 Aug 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	123477		
253	21.2		18.6	27.8
125	10.1		7.1	10.7





#92
 Benzo(a,h,i)perylene
 Concen: 2.077 ng
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.03 min
 Lab File: BG046286.D
 Acq: 14 Aug 2020 22:03

Instrument :
 BNA_G
 ClientSampleId :
 RBR-53

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.5	29.3
138	18.4	13.8	20.6

Manual Integrations
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