

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046288.D
 Acq On : 14 Aug 2020 23:24
 Operator : CG/JU
 Sample : L3660-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-57

Manual Integrations
 APPROVED

mohammad
 8/18/2020 1:41:44 PM

Quant Time: Aug 17 02:29:51 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	107004	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	438884	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	267706	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	507233	20.00	ng	0.00
76) Chrysene-d12	21.57	240	534533	20.00	ng	0.00
86) Perylene-d12	24.68	264	592691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	500146	81.25	ng	0.00
7) Phenol-d6	7.12	99	656634	78.27	ng	0.00
23) Nitrobenzene-d5	9.10	82	447357	55.19	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	328601	79.91	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1126983	61.15	ng	0.00
79) Terphenyl-d14	19.94	244	1321079	50.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	58262	2.836	ng	100
71) Phenanthrene	17.37	178	85542	3.079	ng	# 63
75) Fluoranthene	19.38	202	250529	7.222	ng	95
78) Pyrene	19.74	202	213195m	5.936	ng	
81) Benzo(a)anthracene	21.55	228	109847	3.071	ng	95
83) Chrysene	21.62	228	156081	4.454	ng	96
87) Indeno(1,2,3-cd)pyrene	28.19	276	111208	2.460	ng	# 96
88) Benzo(b)fluoranthene	23.70	252	231970	5.841	ng	# 96
89) Benzo(k)fluoranthene	23.76	252	82184m	2.110	ng	
90) Benzo(a)pyrene	24.53	252	130580	3.533	ng	# 96
92) Benzo(g,h,i)perylene	29.28	276	108814	2.851	ng	98

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

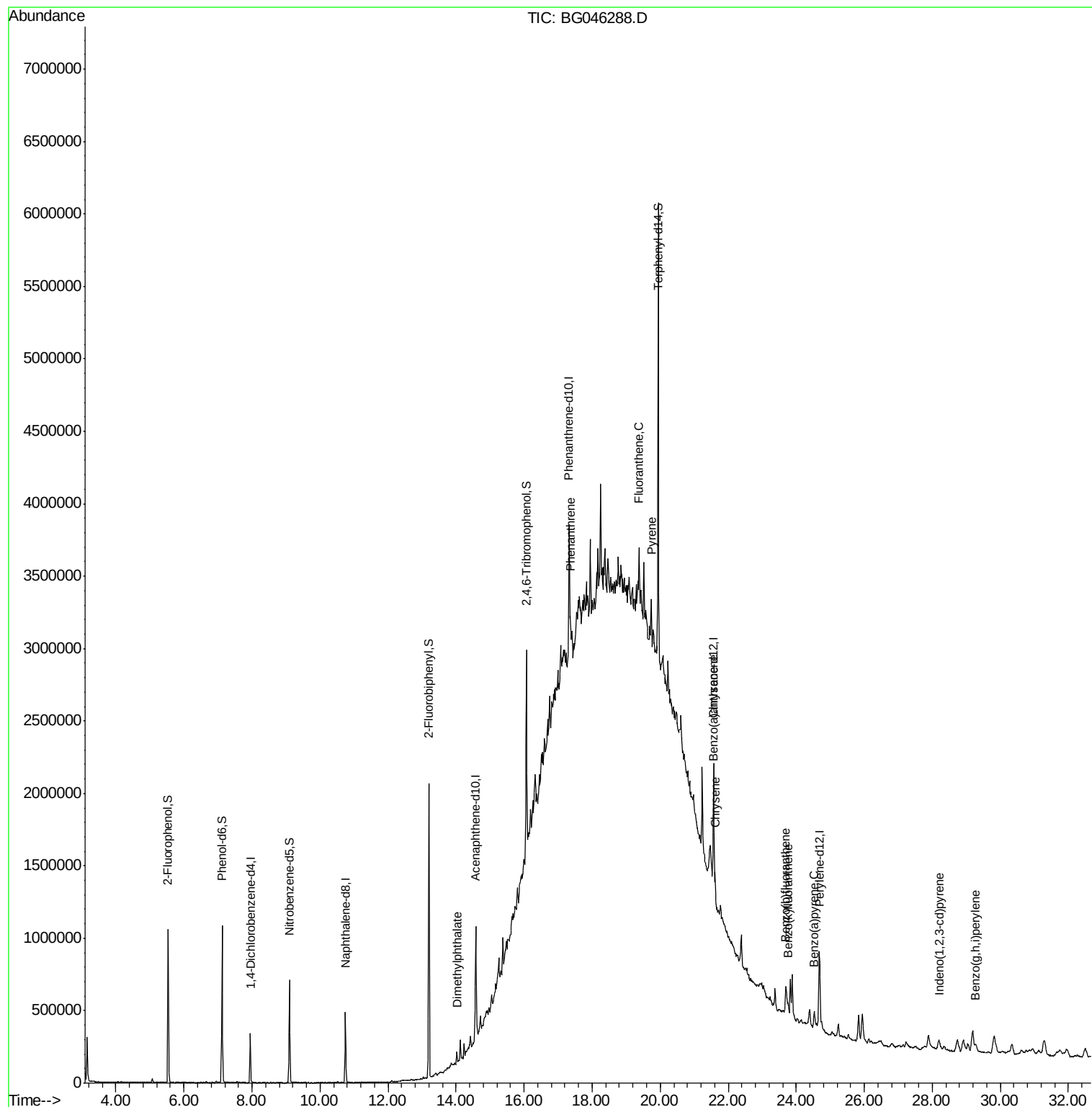
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046288.D
Acq On : 14 Aug 2020 23:24
Operator : CG/JU
Sample : L3660-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

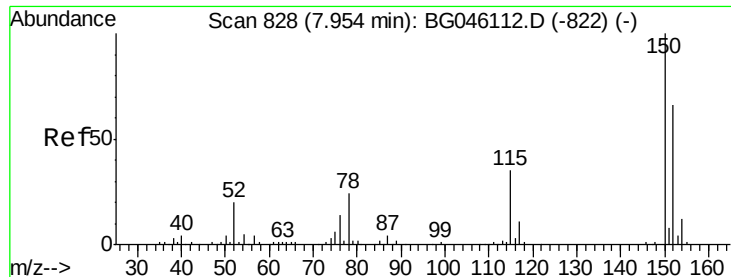
Instrument :
BNA_G
ClientSampleId :
RBR-57

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Quant Time: Aug 17 02:29:51 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





#1

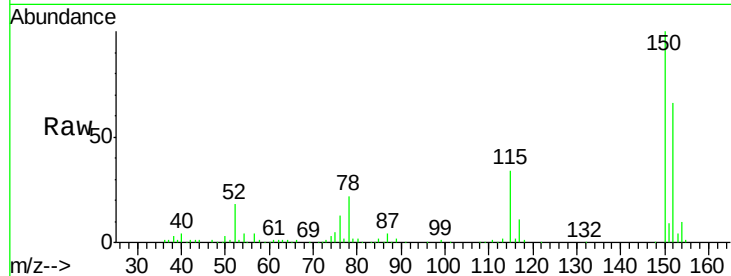
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Instrument :
BNA_G
ClientSampleId :
RBR-57

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	122.1	183.1
115	51.8	43.2	64.8

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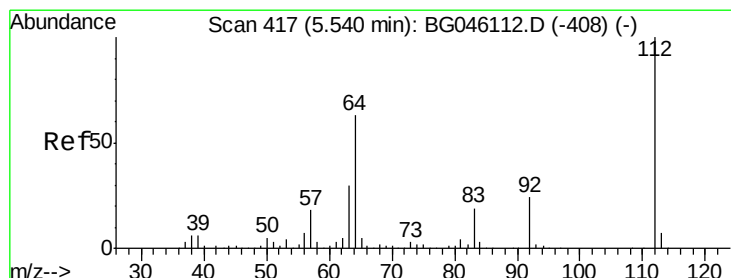
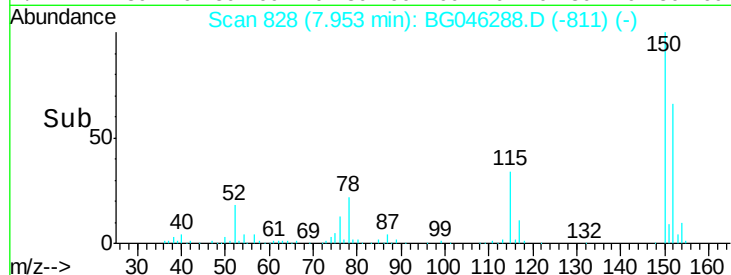
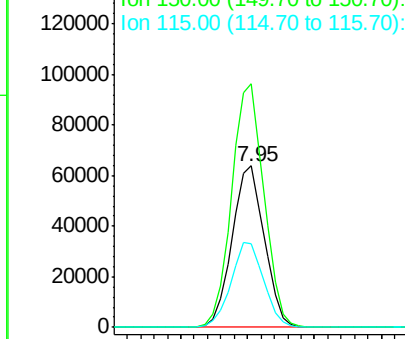


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

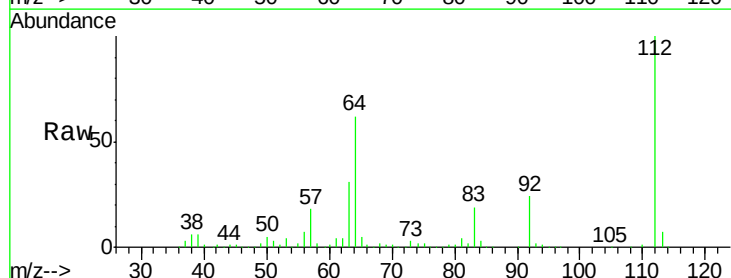
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.253 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	50.2	75.2
63	30.5	24.2	36.4

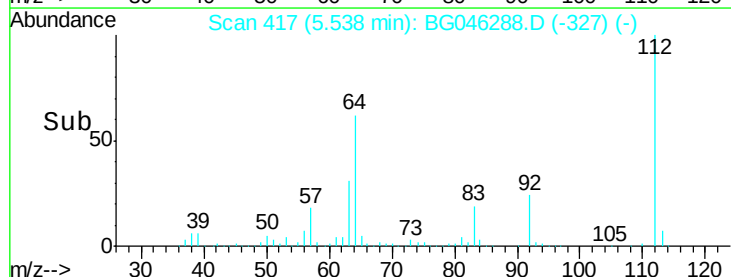
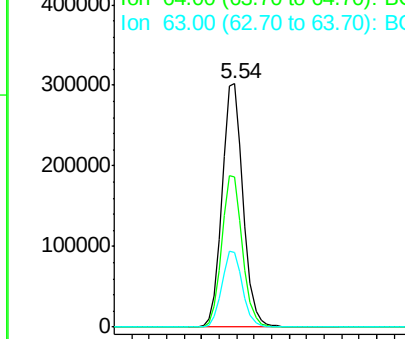


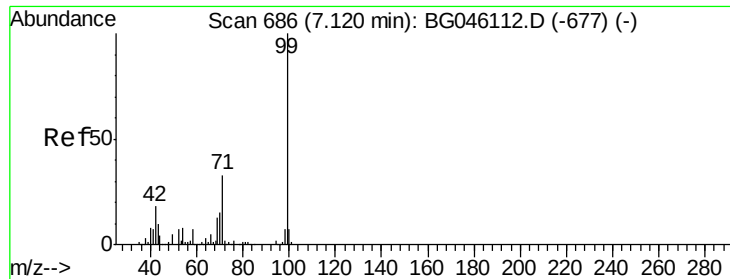
Abundance

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: 78.273 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Instrument :

BNA_G

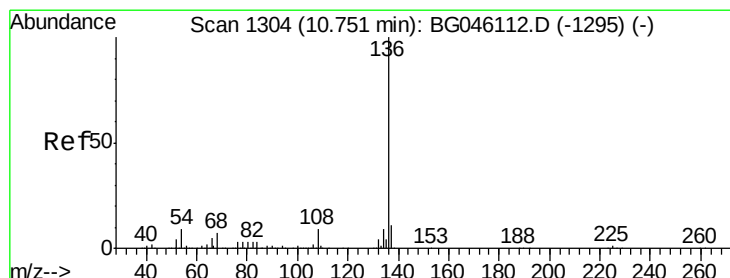
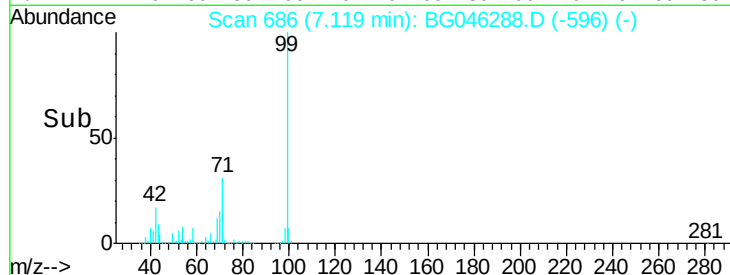
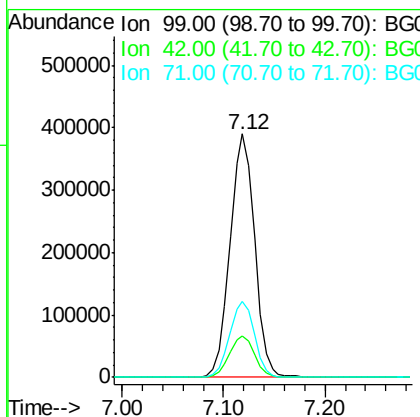
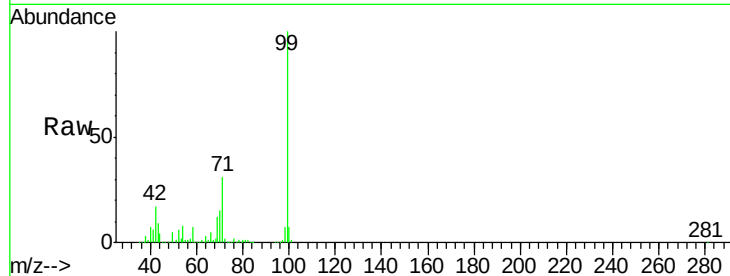
ClientSampleId :

RBR-57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		656634		
42	17.1	14.7	22.1		
71	31.4	26.5	39.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

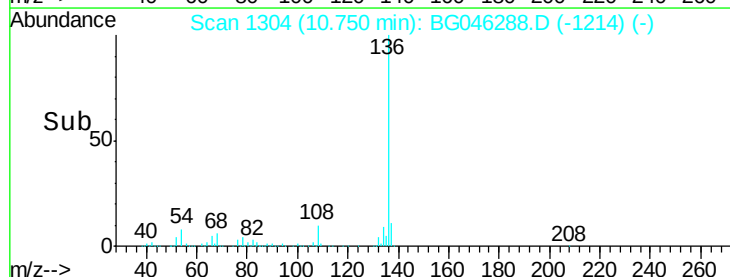
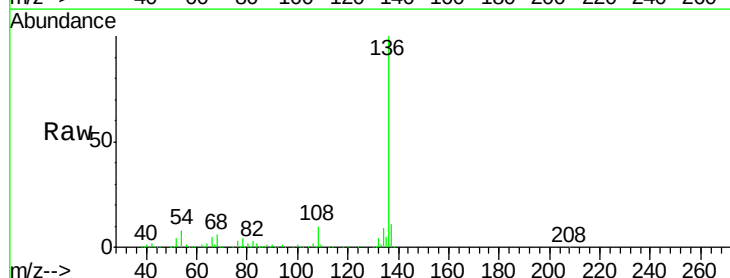
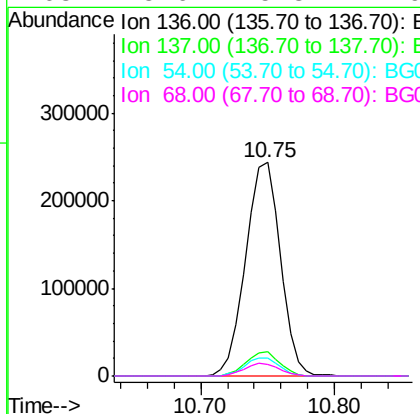
RT: 10.75 min Scan# 1304

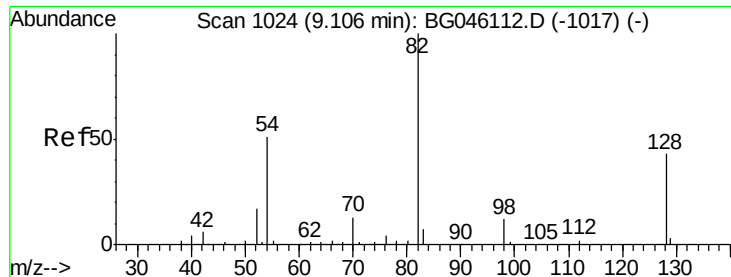
Delta R.T. -0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		438884		
137	11.2	8.8	13.2		
54	8.1	7.0	10.4		
68	5.6	5.3	7.9		





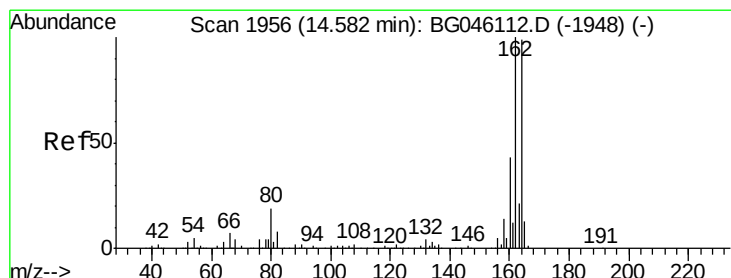
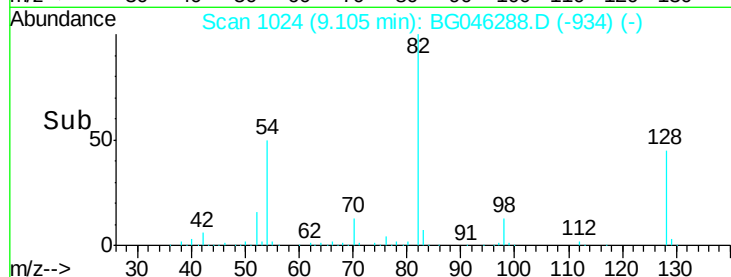
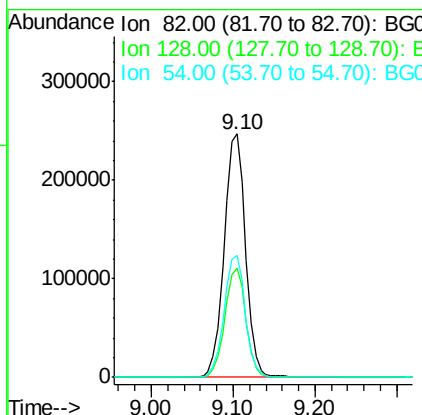
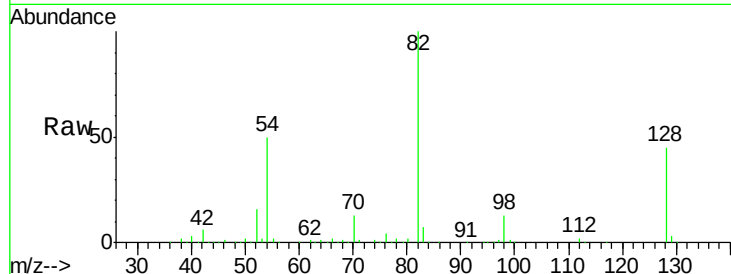
#23
 Nitrobenzene-d5
 Concen: 55.188 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Instrument :
 BNA_G
 ClientSampleId :
 RBR-57

Tot Ion	82	Resp	447357
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.4	51.6
54	49.9	40.8	61.2

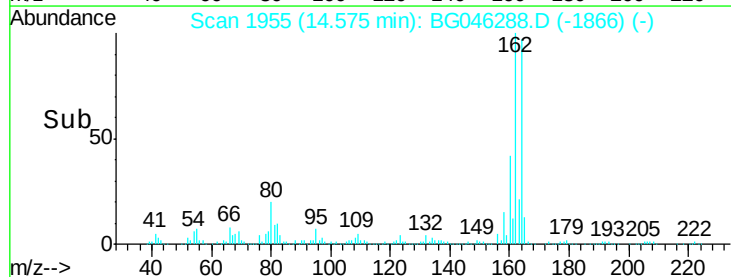
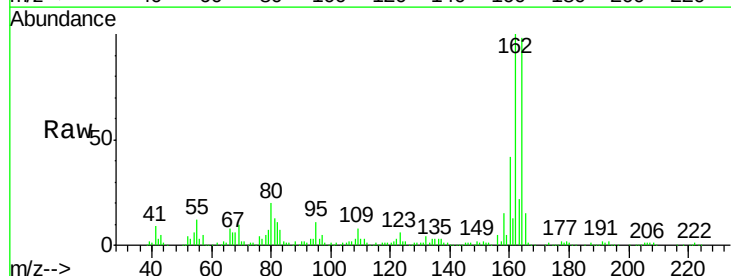
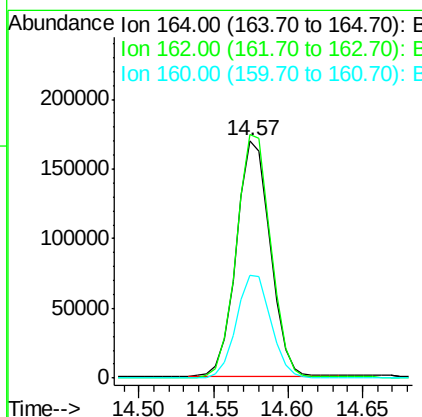
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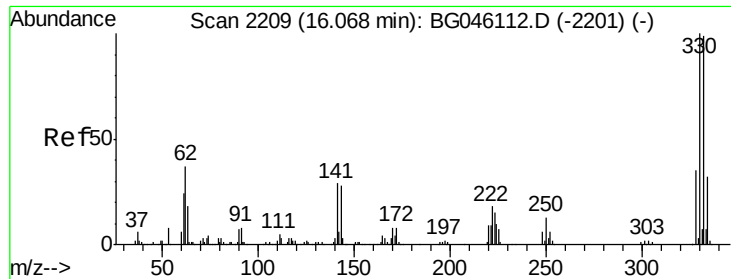
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG046288.D
 Acq: 14 Aug 2020 23:24

Tgt Ion	164	Resp	267706
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.6	121.0
160	43.4	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 79.914 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Instrument :

BNA_G

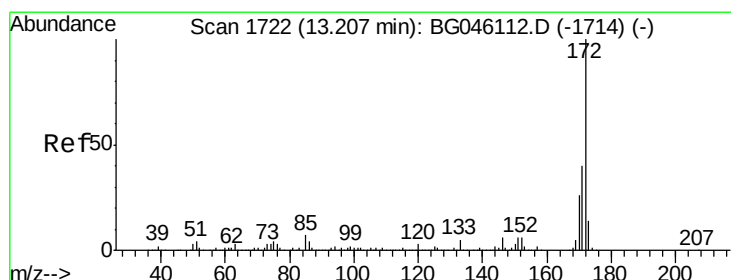
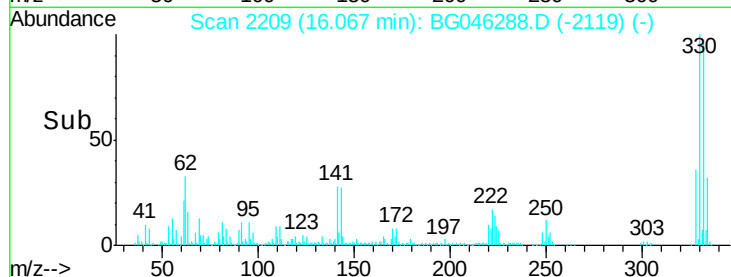
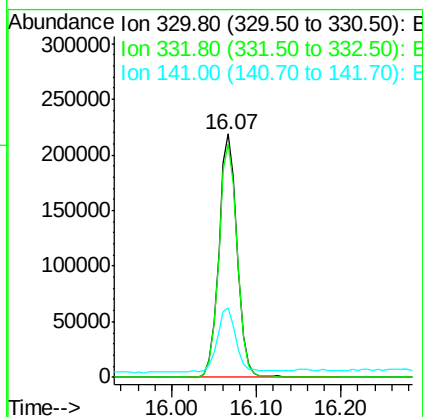
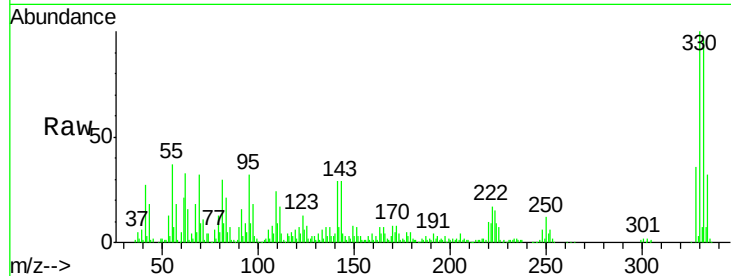
ClientSampled :

RBR-57

Tot Ion	Ratio	Resp	Lower	Upper
330	100	328601		
332	97.1		77.4	116.2
141	29.5		23.4	35.0

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#45

2-Fluorobiphenyl

Concen: 61.153 ng

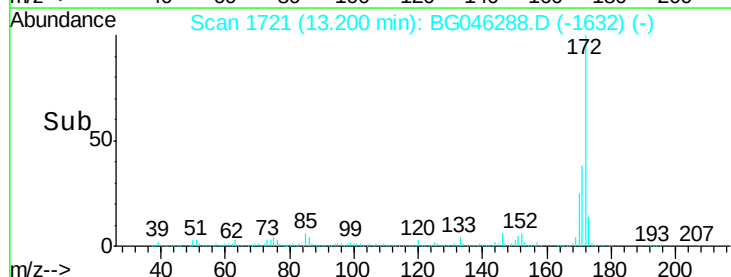
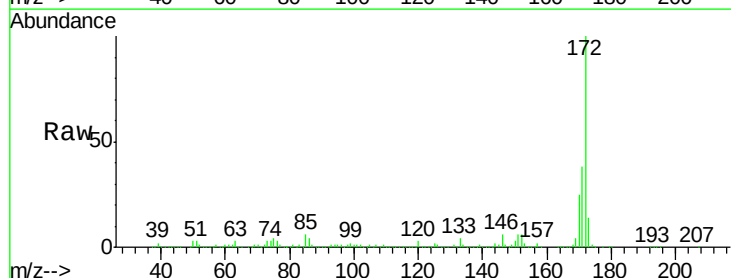
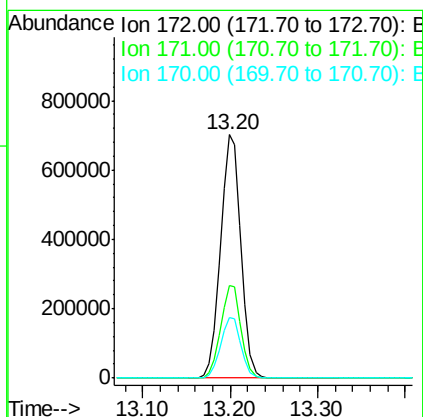
RT: 13.20 min Scan# 1721

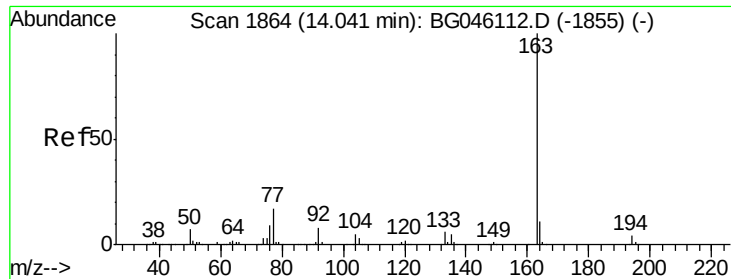
Delta R.T. -0.01 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1126983		
171	38.3		31.7	47.5
170	25.0		20.9	31.3





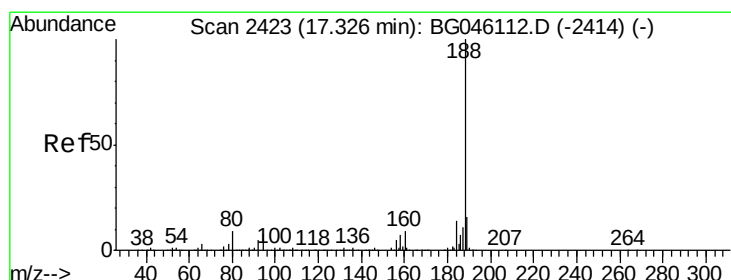
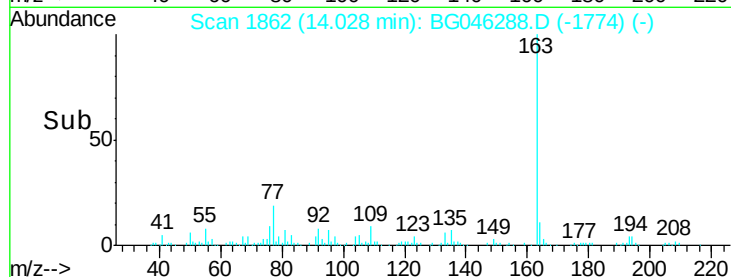
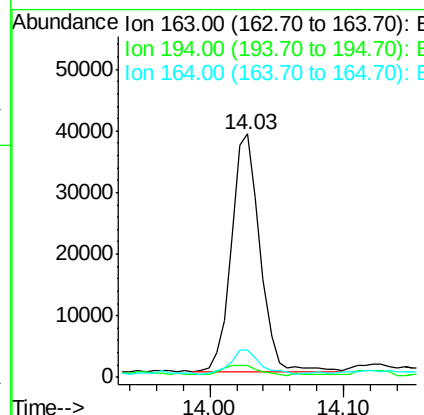
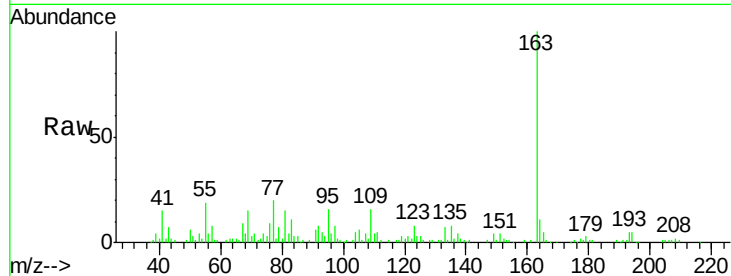
#50
Dimethylphthalate
Concen: 2.836 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Instrument :
BNA_G
ClientSampled :
RBR-57

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.0	8.8	13.2

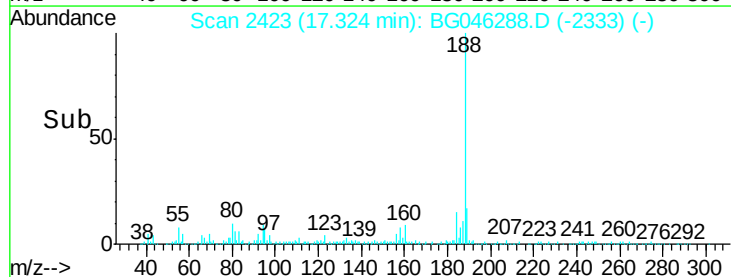
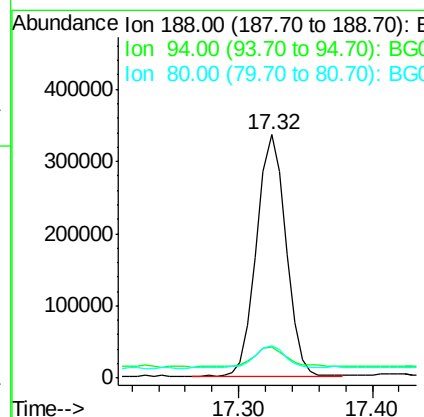
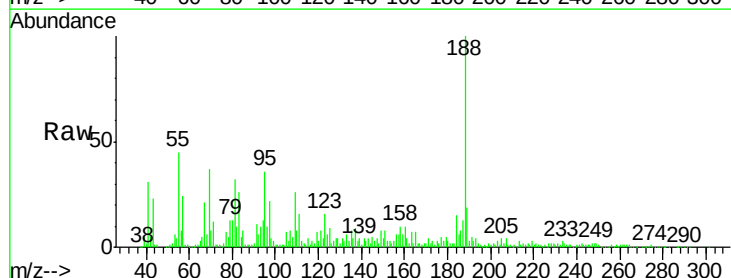
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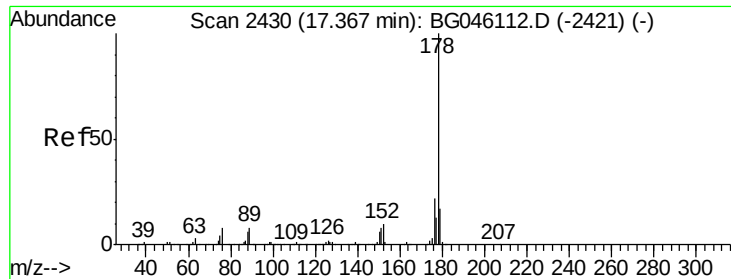
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	6.4	9.6#
80	13.2	7.4	11.0#





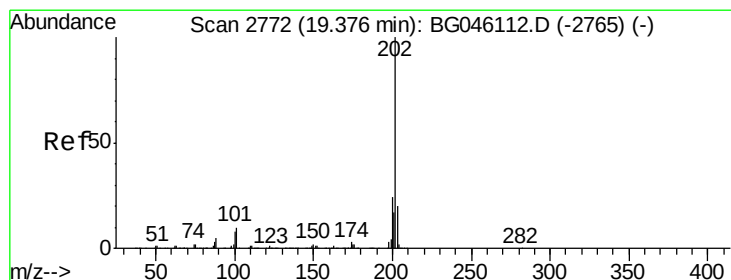
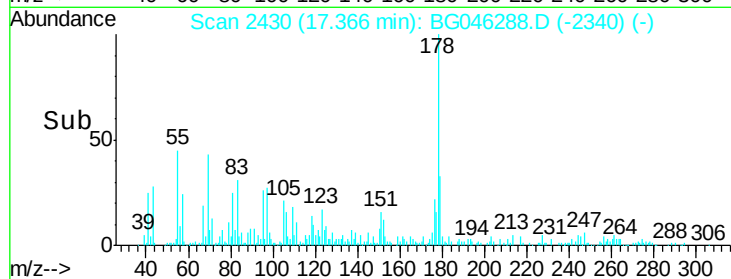
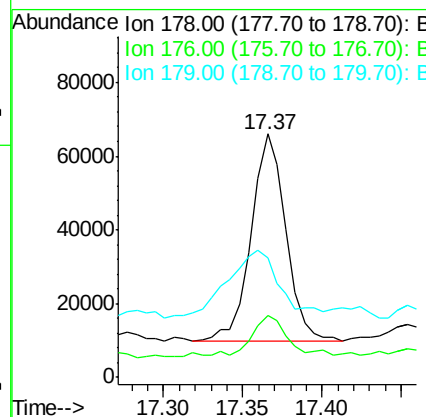
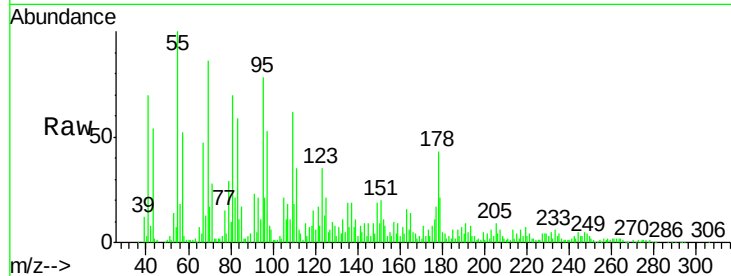
#71
Phenanthrene
Concen: 3.079 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Instrument :
BNA_G
ClientSampled :
RBR-57

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.4	17.3	25.9
179	48.9	13.8	20.6

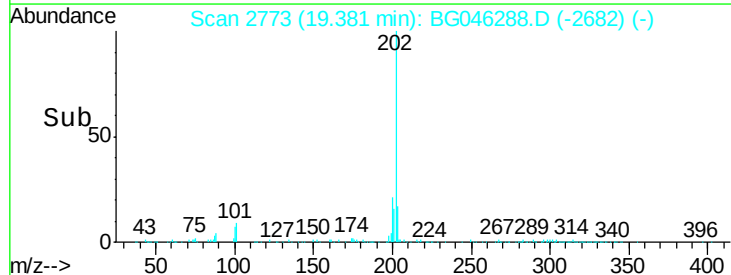
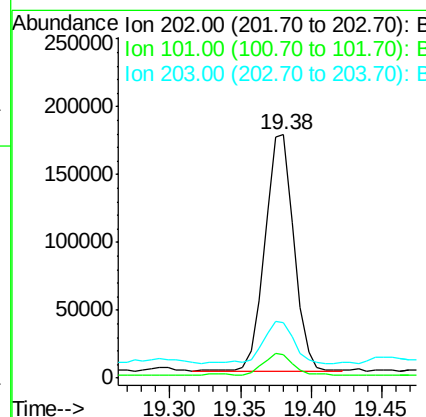
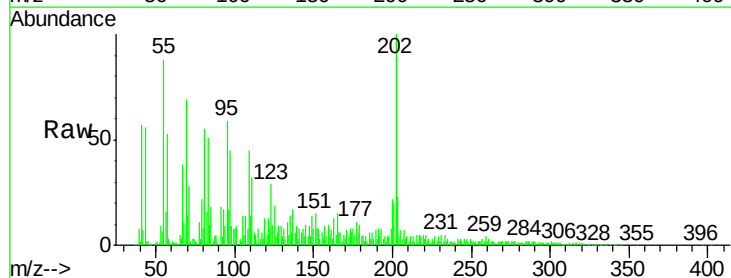
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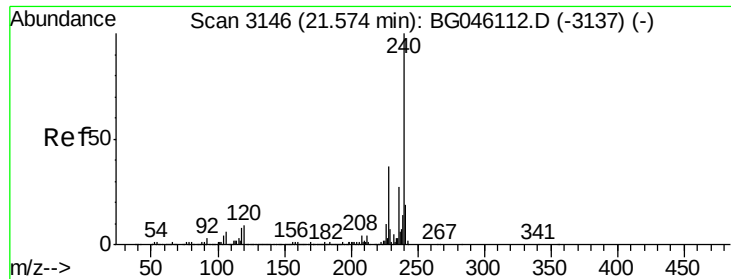
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#75
Fluoranthene
Concen: 7.222 ng
RT: 19.38 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	23.0	0.2	40.2





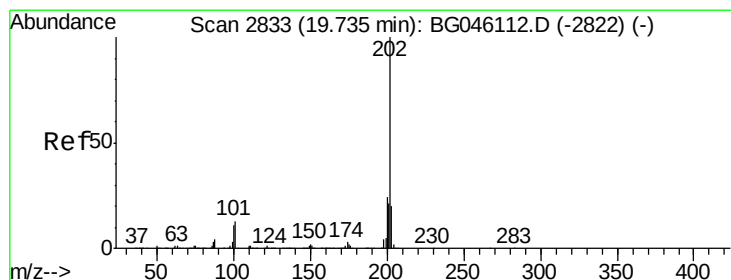
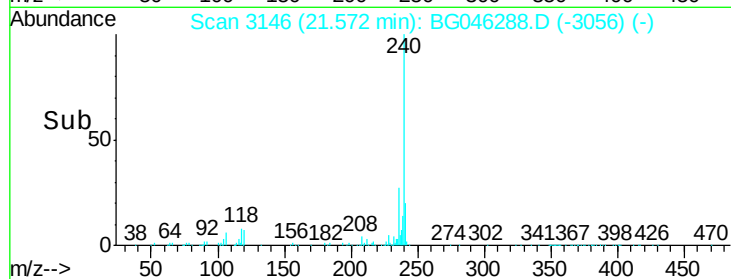
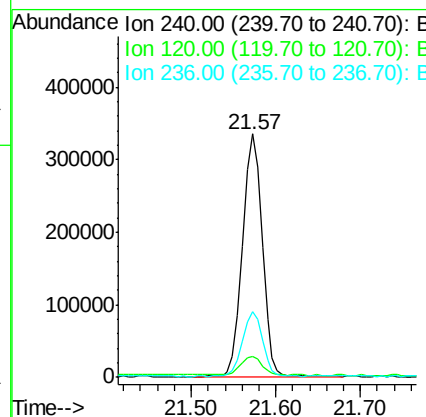
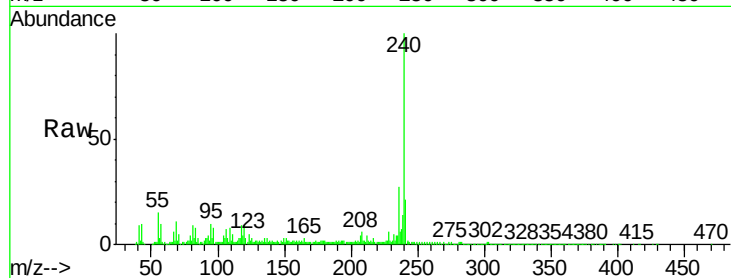
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Instrument :
BNA_G
ClientSampleId :
RBR-57

Tot Ion	Ratio	Resp	Lower	Upper
240	100	534533		
120	8.8		7.1	10.7
236	27.1		21.7	32.5

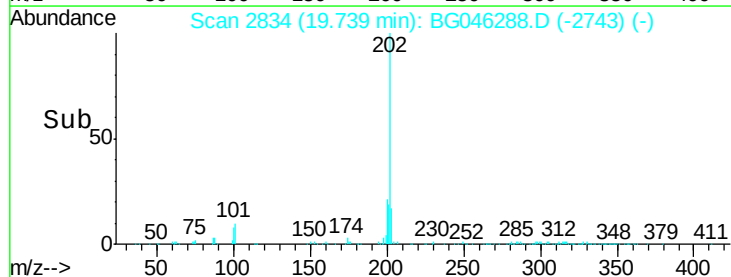
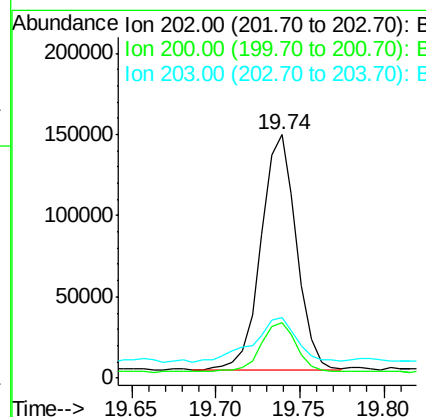
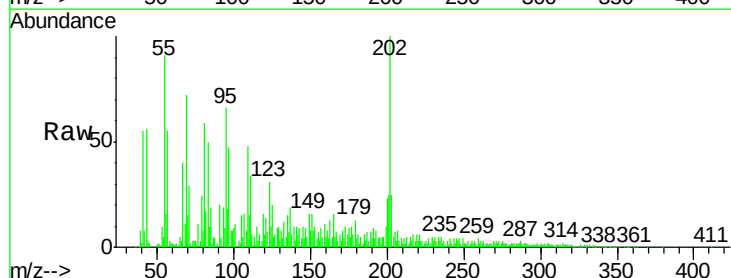
Manual Integrations
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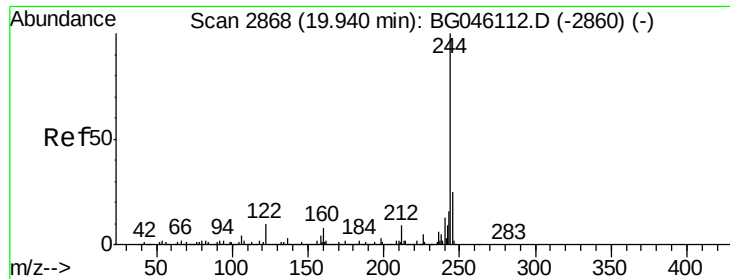
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#78
Pyrene
Concen: 5.936 ng m
RT: 19.74 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	213195		
200	22.9		19.5	29.3
203	24.8		16.2	24.2#





#79

Terphenyl-d14

Concen: 50.335 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Instrument :

BNA_G

ClientSampleId :

RBR-57

Tot Ion:244 Resp: 1321079

Ion Ratio Lower Upper

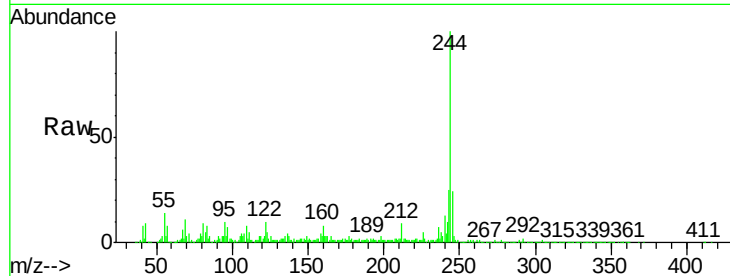
244 100

212 8.6 7.2 10.8

122 10.3 8.3 12.5

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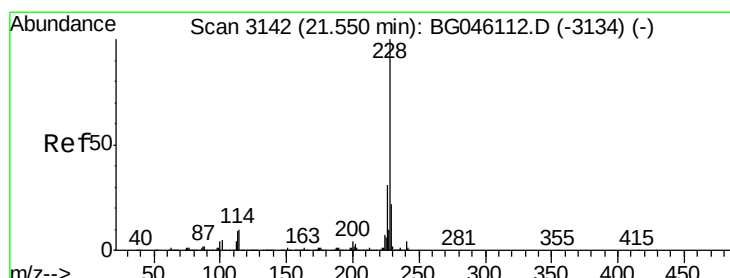
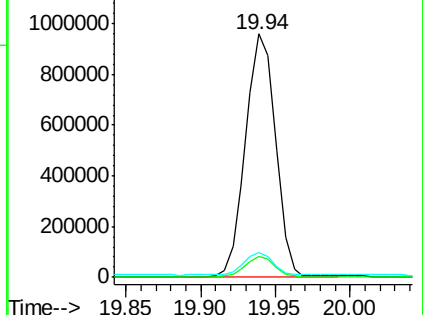
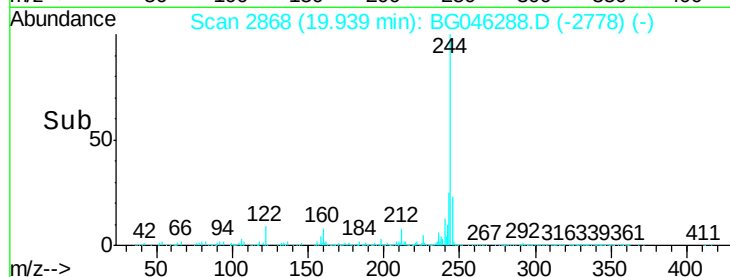
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.071 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

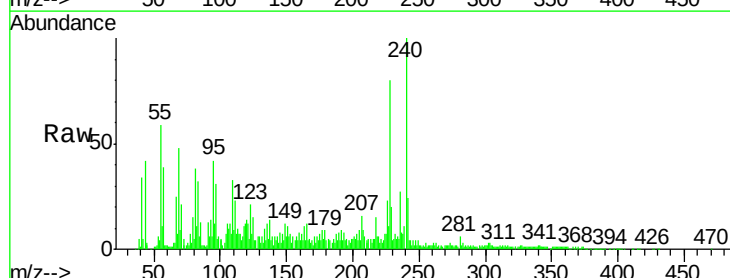
Tgt Ion:228 Resp: 109847

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

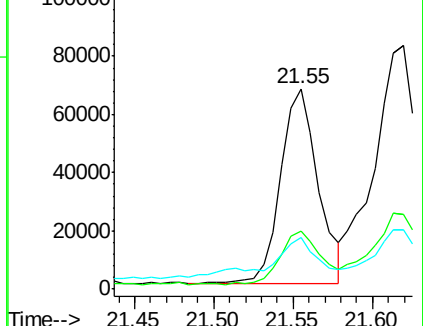
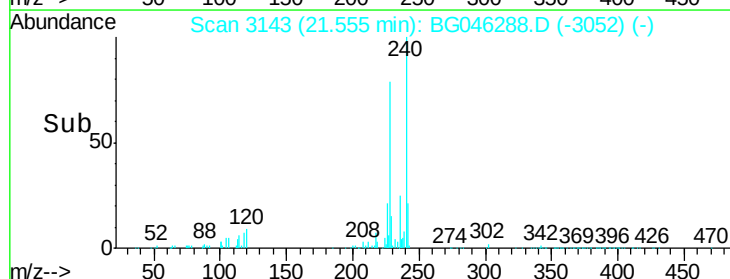
229 25.5 17.8 26.8

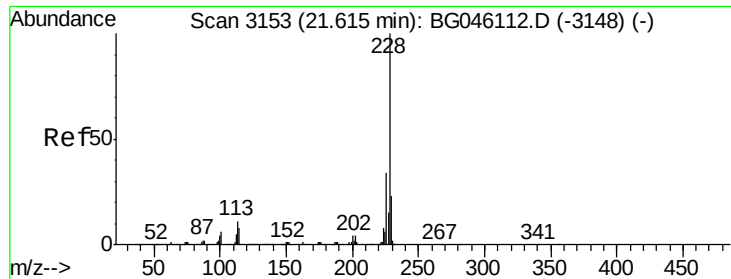


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





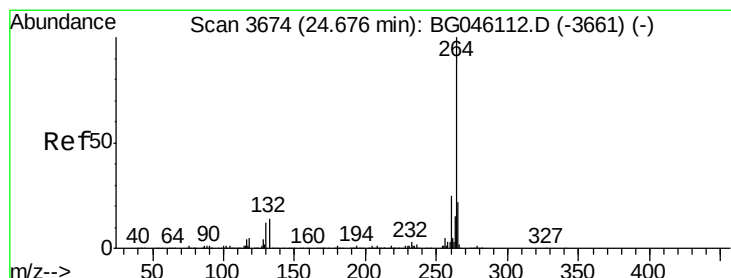
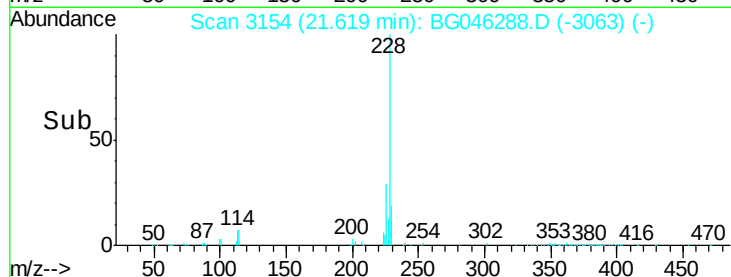
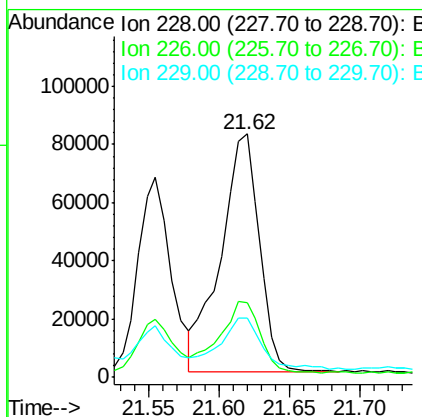
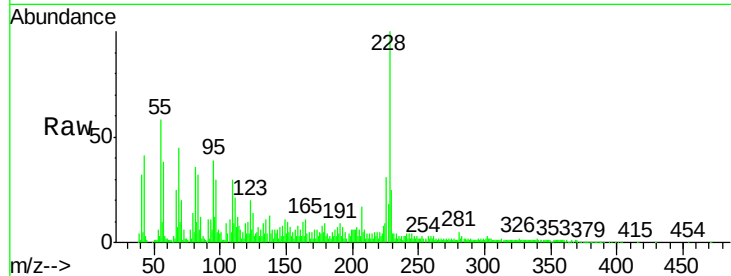
#83
Chrysene
Concen: 4.454 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Instrument :
BNA_G
ClientSampleId :
RBR-57

Tot Ion:	228	Resp:	156081
Ion Ratio	Lower	Upper	
228	100		
226	30.9	26.9	40.3
229	24.6	18.2	27.4

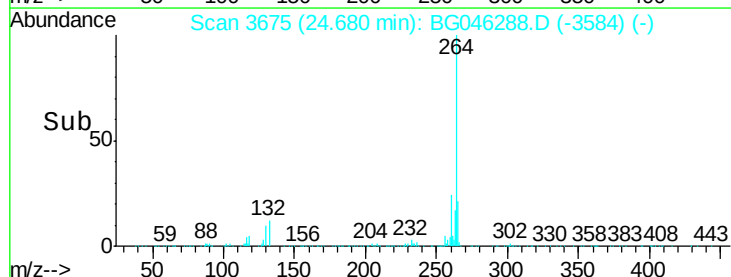
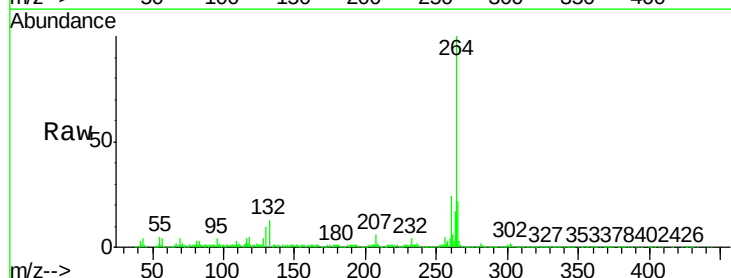
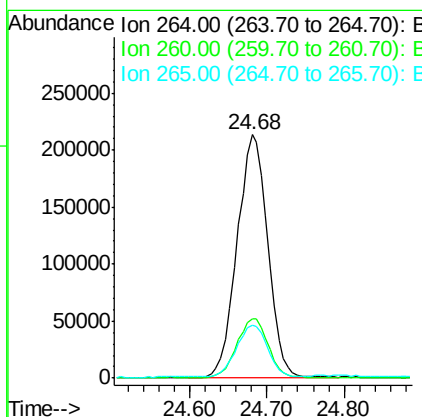
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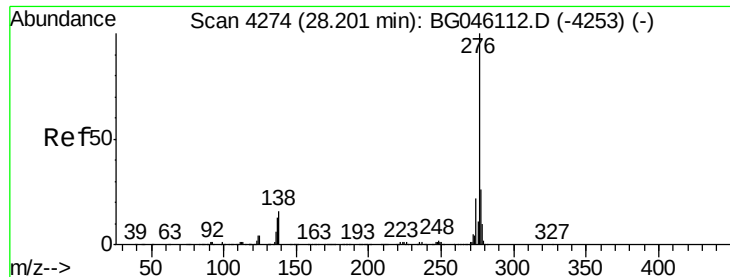
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG046288.D
Acq: 14 Aug 2020 23:24

Tgt Ion:	264	Resp:	592691
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.7	29.5
265	21.8	17.6	26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.460 ng

RT: 28.19 min Scan# 4273

Delta R.T. -0.01 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Instrument :

BNA_G

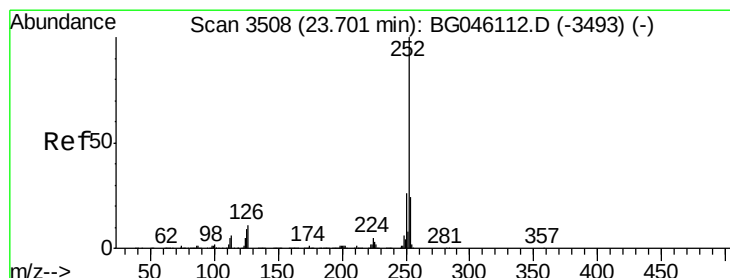
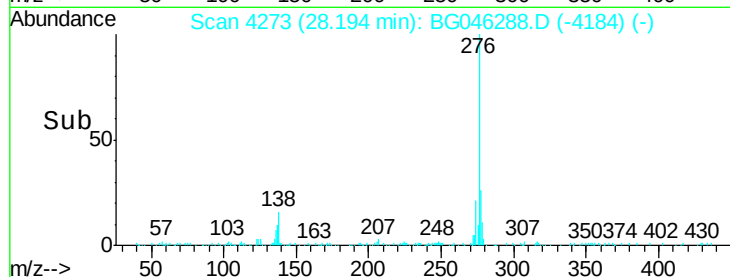
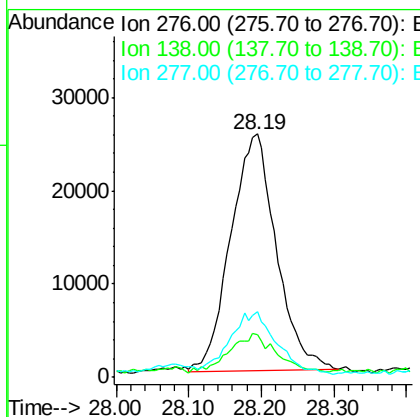
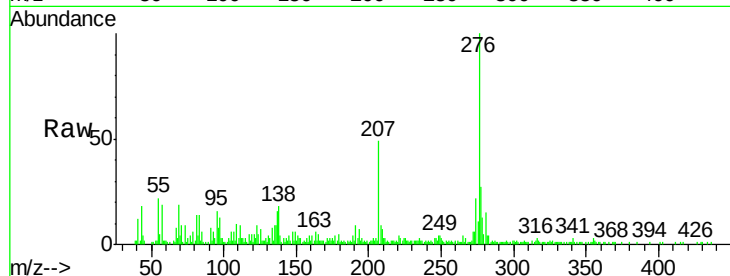
ClientSampleId :

RBR-57

Tot Ion:	276	Resp:	111208
Ion Ratio	Lower	Upper	
276	100		
138	17.7	11.6	17.4#
277	27.0	20.8	31.2

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#88

Benzo(b)fluoranthene

Concen: 5.841 ng

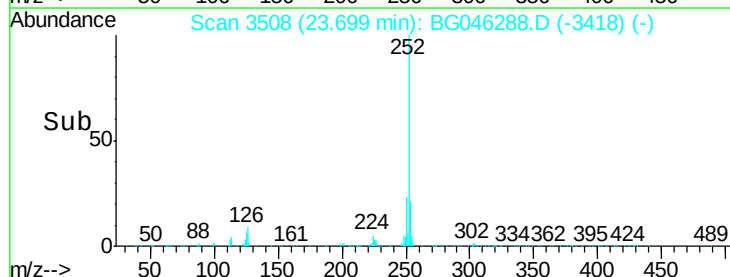
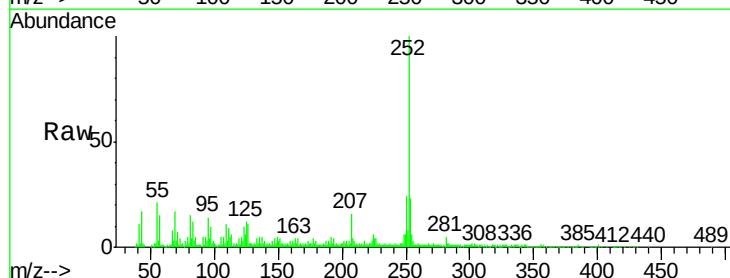
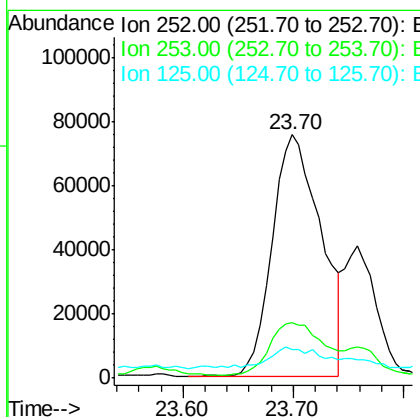
RT: 23.70 min Scan# 3508

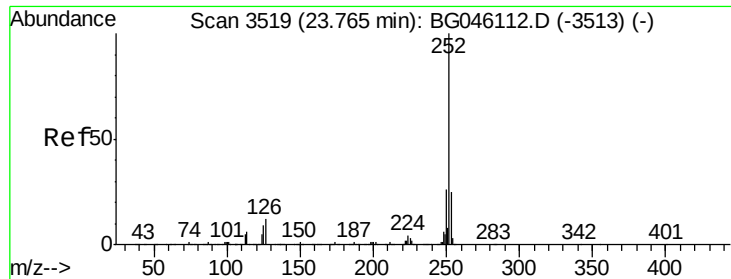
Delta R.T. -0.00 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Tgt Ion:	252	Resp:	231970
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.2	28.8
125	11.7	7.2	10.8#





#89

Benzo(k)fluoranthene

Concen: 2.110 ng/mL

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Instrument :

BNA_G

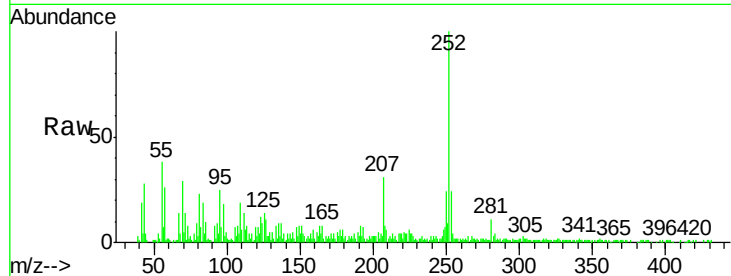
ClientSampled :

RBR-57

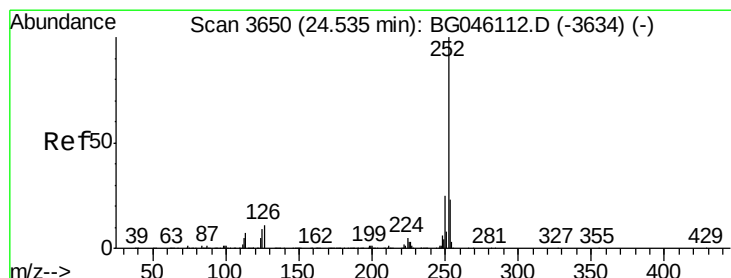
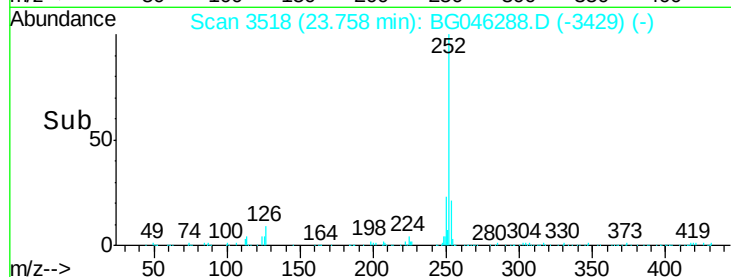
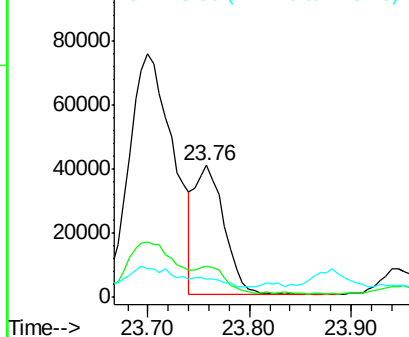
Tot Ion:	252	Resp:	82184
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.5	29.3
125	14.1	7.3	10.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.533 ng/mL

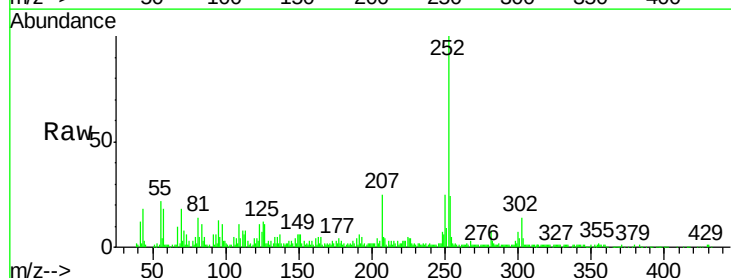
RT: 24.53 min Scan# 3649

Delta R.T. -0.01 min

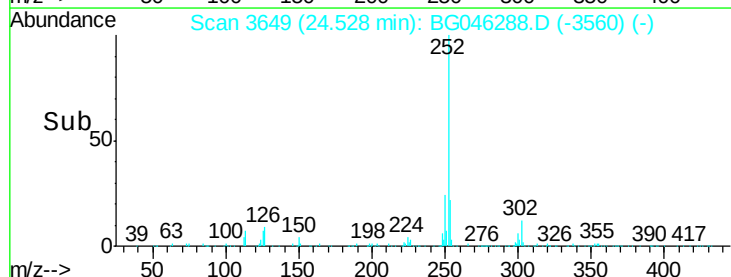
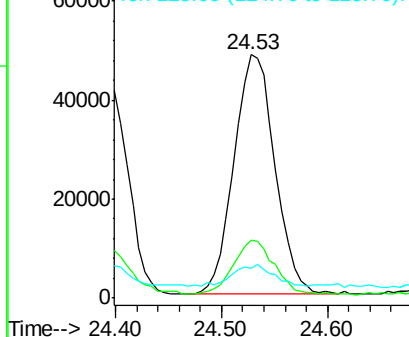
Lab File: BG046288.D

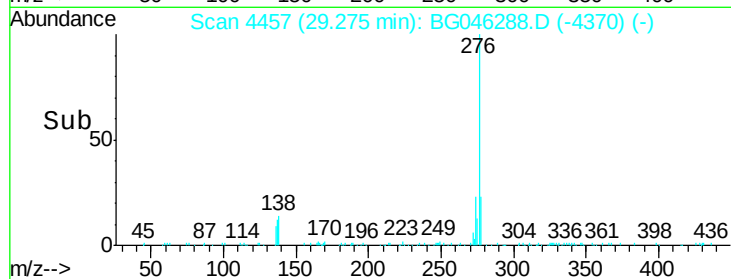
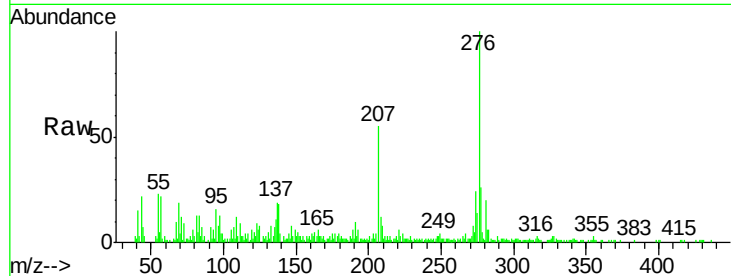
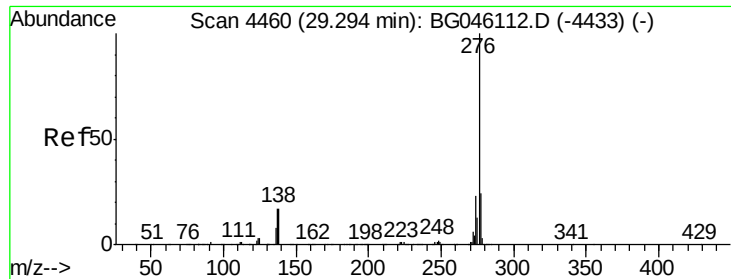
Acq: 14 Aug 2020 23:24

Tgt Ion:	252	Resp:	130580
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.6	27.8
125	12.4	7.1	10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.851 ng

RT: 29.28 min Scan# 4457

Delta R.T. -0.02 min

Lab File: BG046288.D

Acq: 14 Aug 2020 23:24

Tot Ion:	276	Resp:	108814
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.5	29.3
138	18.1	13.8	20.6

Instrument :

BNA_G

ClientSampleId :

RBR-57

Manual Integrations
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