

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
 Data File : BG046290.D
 Acq On : 15 Aug 2020 00:45
 Operator : CG/JU
 Sample : L3662-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-374

Manual Integrations
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mohammad
 8/18/2020 1:41:48 PM

Quant Time: Aug 17 06:07:20 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	106701	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	444027	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	264674	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	517419	20.00	ng	0.00
76) Chrysene-d12	21.57	240	544831	20.00	ng	0.00
86) Perylene-d12	24.68	264	611507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	601443	97.99	ng	0.00
7) Phenol-d6	7.12	99	823127	98.40	ng	0.00
23) Nitrobenzene-d5	9.10	82	557413	67.97	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	406119	99.90	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1282593	70.39	ng	0.00
79) Terphenyl-d14	19.94	244	1532869	57.30	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.71	107	49729	6.403	ng	90
50) Dimethylphthalate	14.03	163	118491	5.833	ng	# 97
71) Phenanthrene	17.37	178	453251	15.992	ng	96
72) Anthracene	17.45	178	72253	2.563	ng	# 82
75) Fluoranthene	19.38	202	905486	25.589	ng	99
78) Pyrene	19.74	202	899279	24.565	ng	98
81) Benzo(a)anthracene	21.56	228	522027	14.318	ng	99
83) Chrysene	21.62	228	544123	15.234	ng	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	340841	7.308	ng	97
88) Benzo(b)fluoranthene	23.70	252	734008	17.912	ng	99
89) Benzo(k)fluoranthene	23.76	252	265574m	6.607	ng	
90) Benzo(a)pyrene	24.53	252	496841	13.030	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	84450m	2.166	ng	
92) Benzo(a,h,i)perylene	29.29	276	333867	8.479	ng	97

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

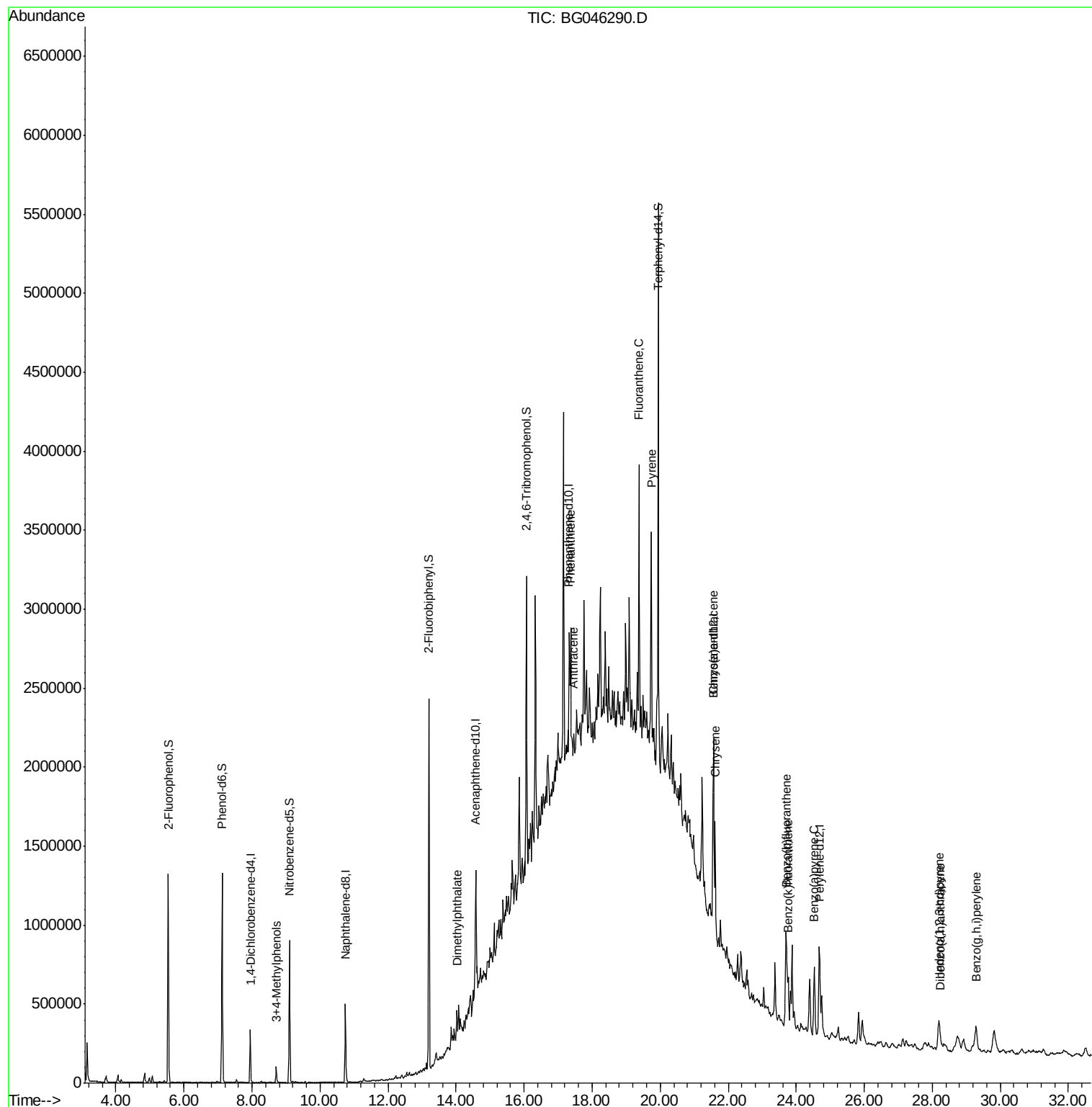
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
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ALS Vial : 17 Sample Multiplier: 1

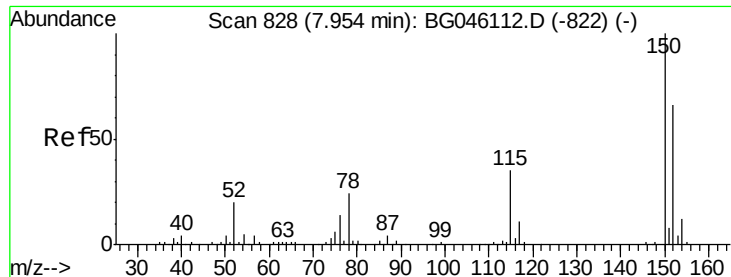
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

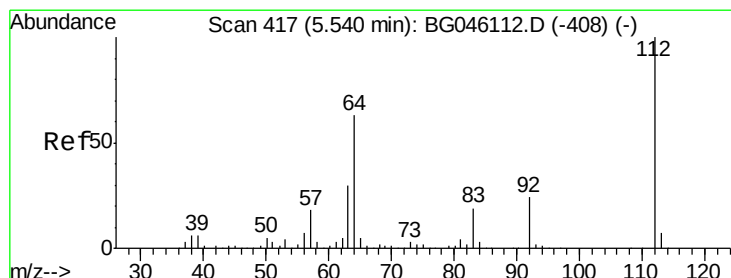
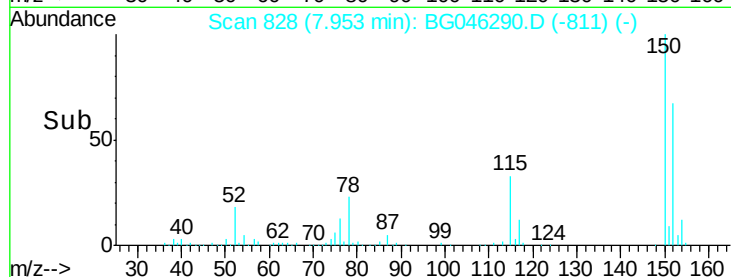
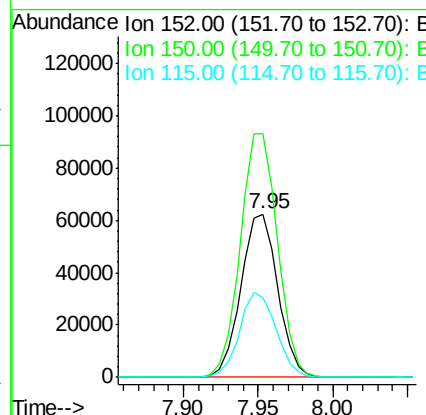
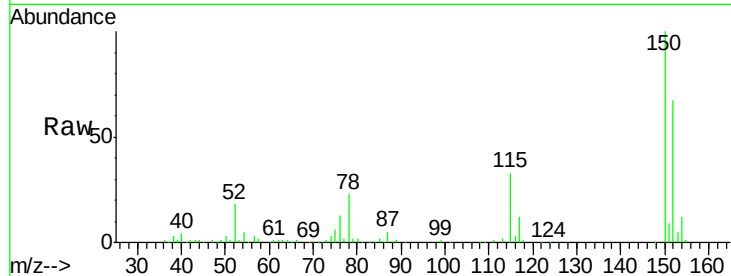
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.1	183.1
115	48.9	43.2	64.8

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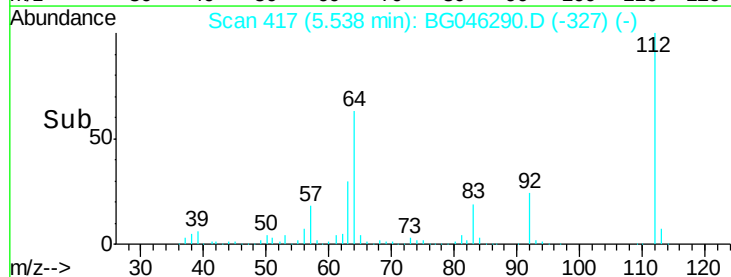
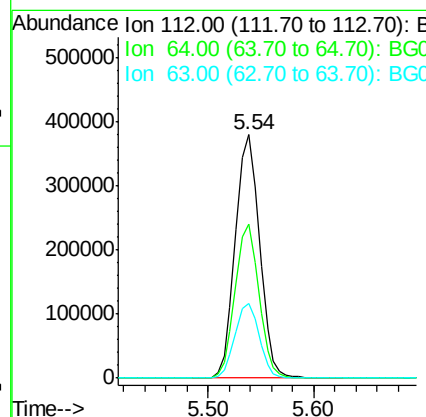
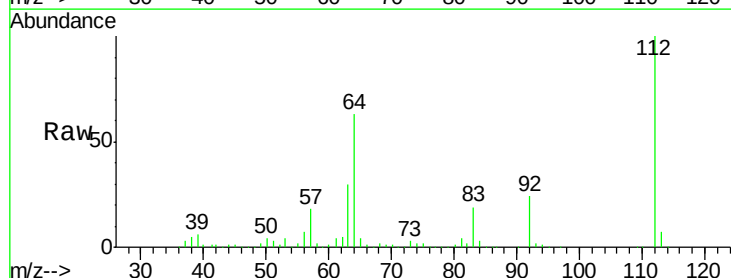
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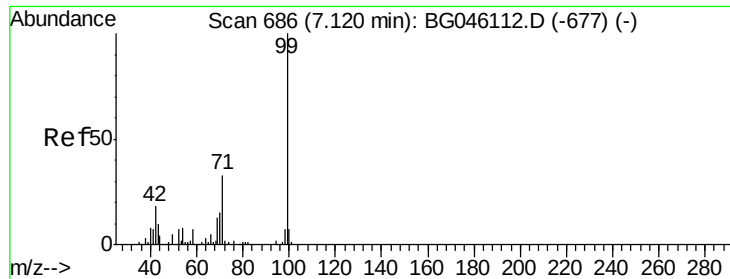


#5

2-Fluorophenol
Concen: 97.987 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.2	75.2
63	30.4	24.2	36.4





#7

Phenol-d6

Concen: 98.398 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Instrument :

BNA_G

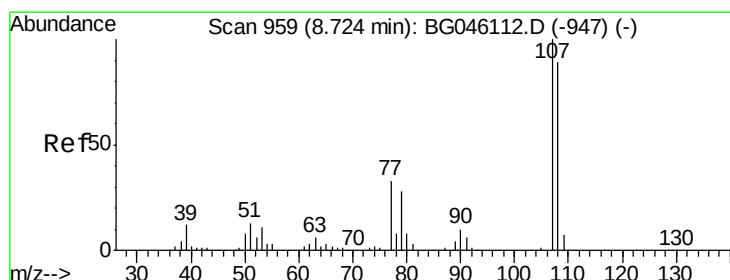
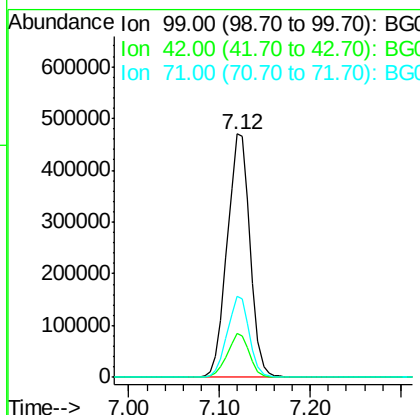
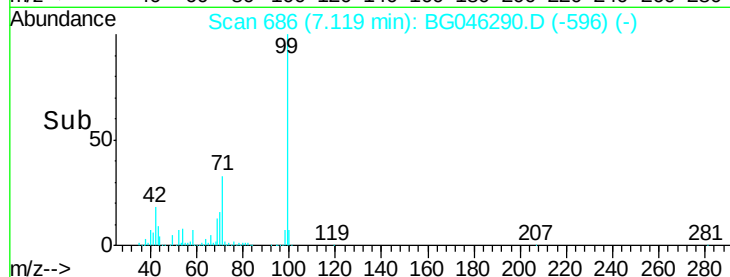
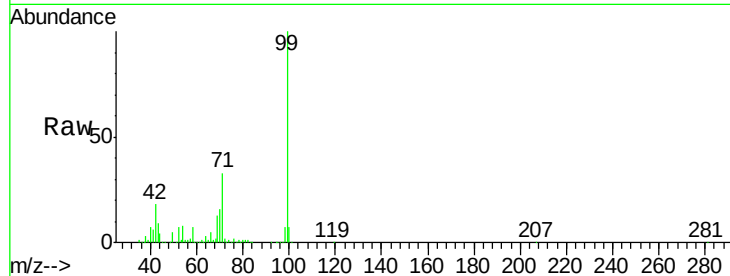
ClientSampleId :

RBR-374

Tot Ion:	99	Resp:	823127
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.7	22.1
71	33.3	26.5	39.7

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#20

3+4-Methylphenols

Concen: 6.403 ng

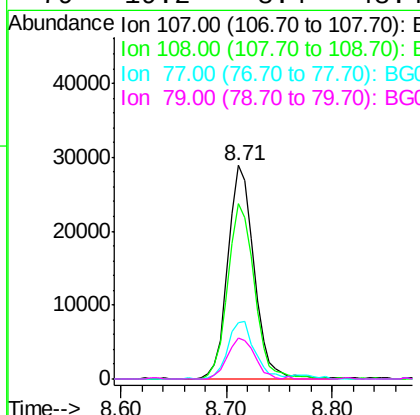
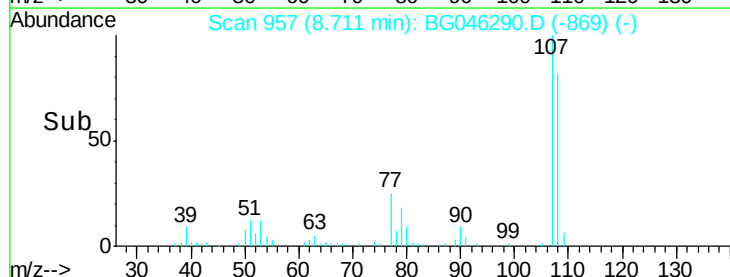
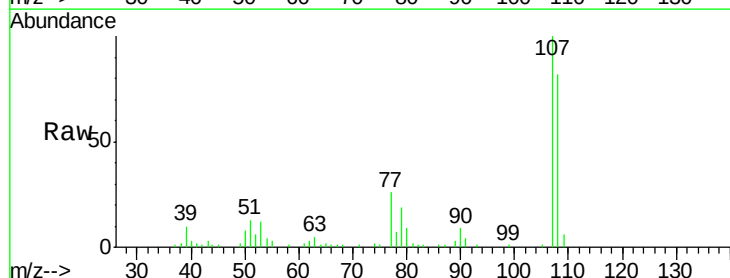
RT: 8.71 min Scan# 957

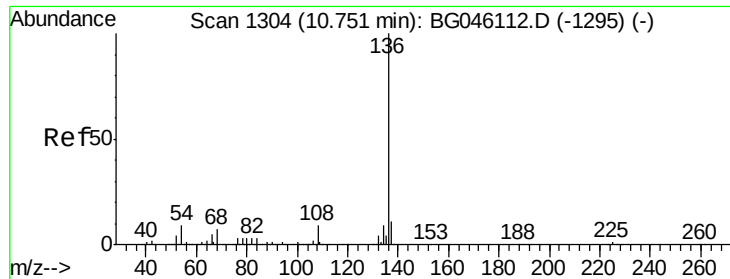
Delta R.T. -0.01 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Tgt Ion:	107	Resp:	49729
Ion	Ratio	Lower	Upper
107	100		
108	82.2	69.1	109.1
77	26.3	12.5	52.5
79	19.2	8.4	48.4





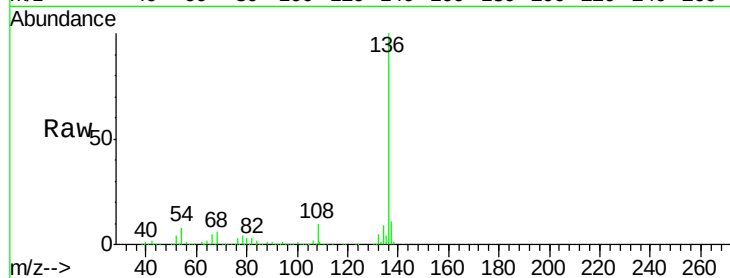
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

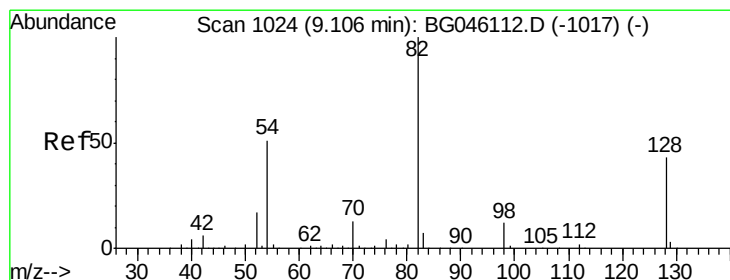
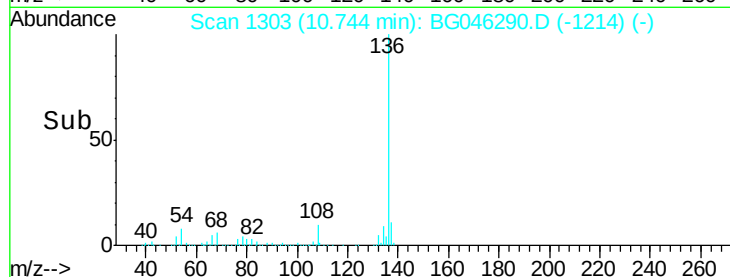
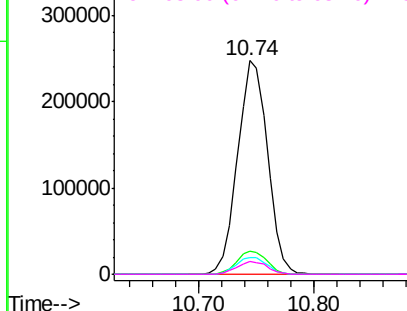
Tot Ion	Ratio	Resp	Lower	Upper
136	100	444027		
137	10.9		8.8	13.2
54	7.9		7.0	10.4
68	6.0		5.3	7.9

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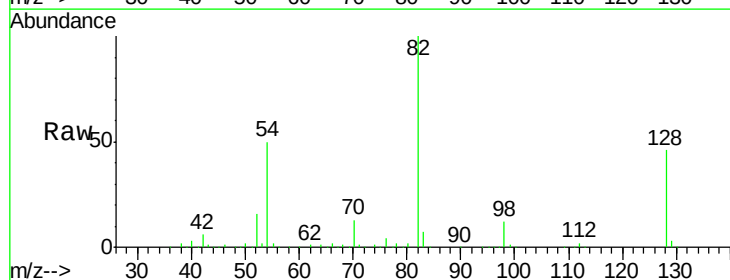


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

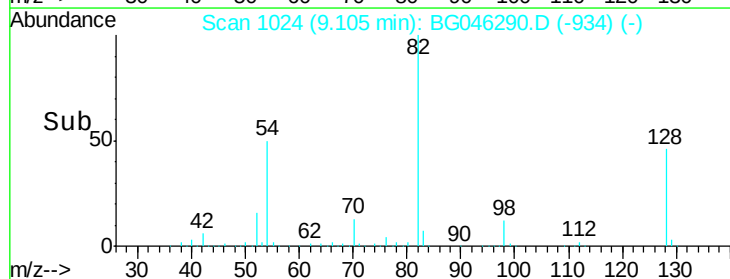
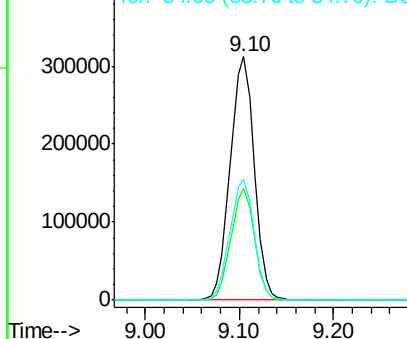


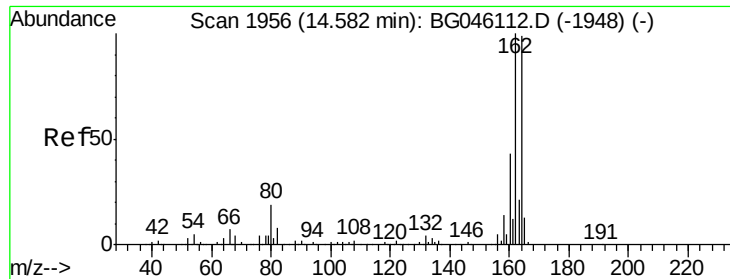
#23
Nitrobenzene-d5
Concen: 67.969 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	557413		
128	45.7		34.4	51.6
54	49.7		40.8	61.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





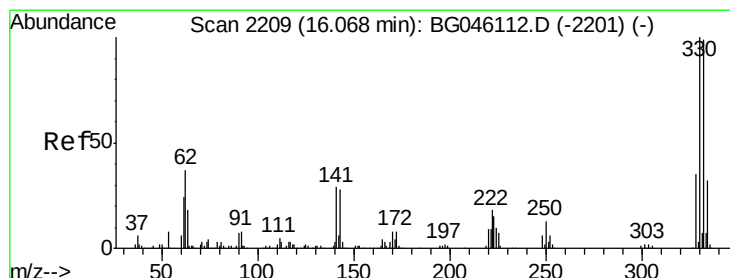
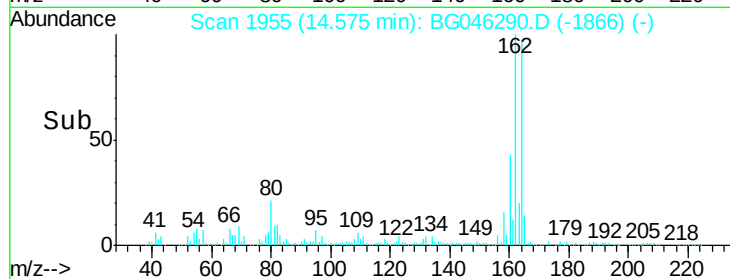
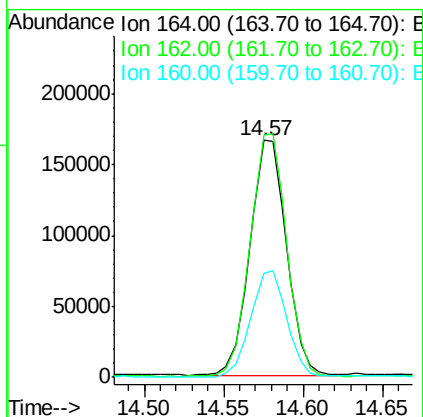
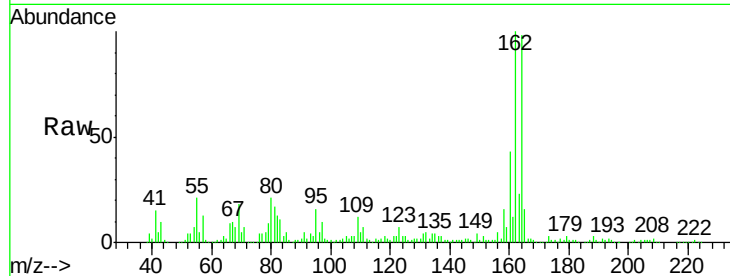
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	44.2	34.9	52.3

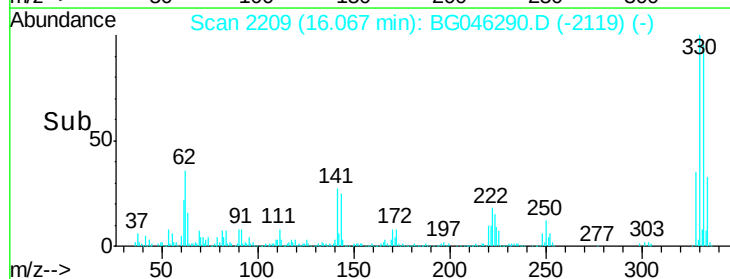
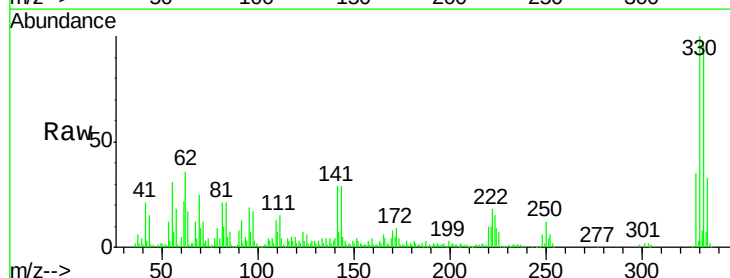
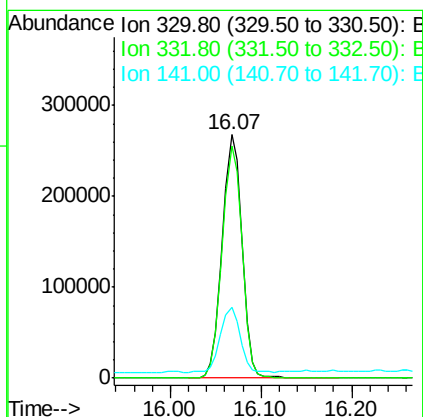
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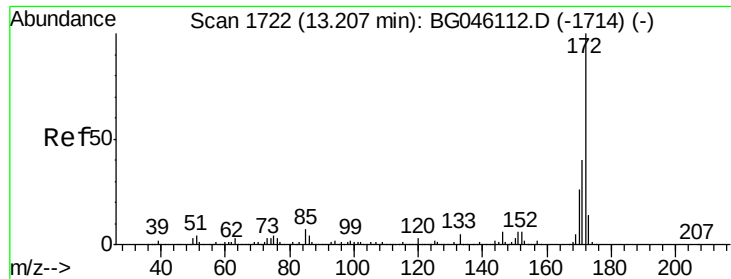
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#42
2,4,6-Tribromophenol
Concen: 99.898 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	26.7	23.4	35.0





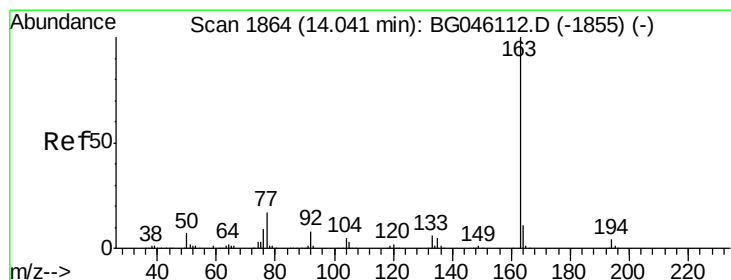
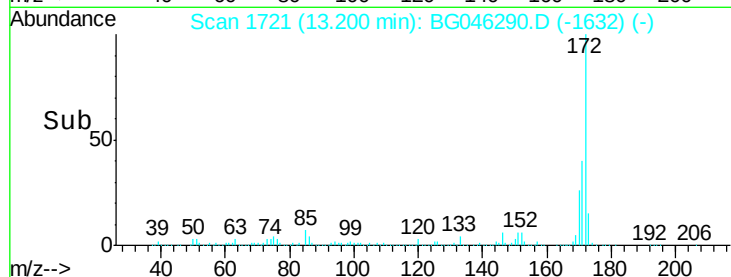
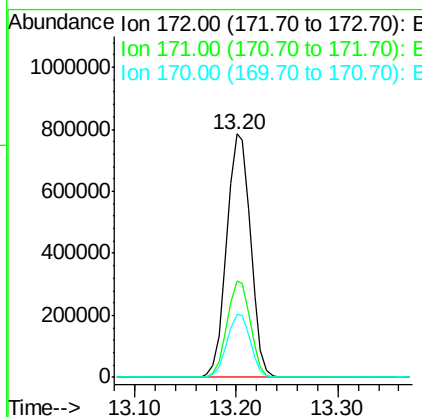
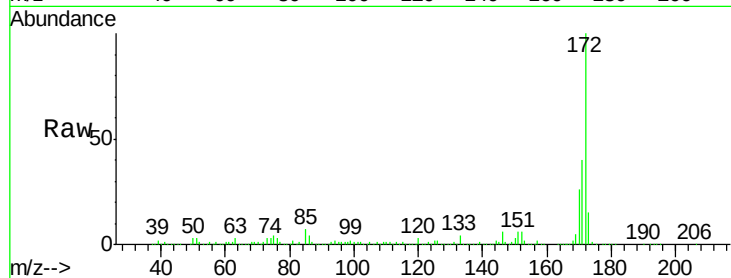
#45
2-Fluorobiphenyl
Concen: 70.394 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion:172 Resp: 1282593
Ion Ratio Lower Upper
172 100
171 39.8 31.7 47.5
170 26.2 20.9 31.3

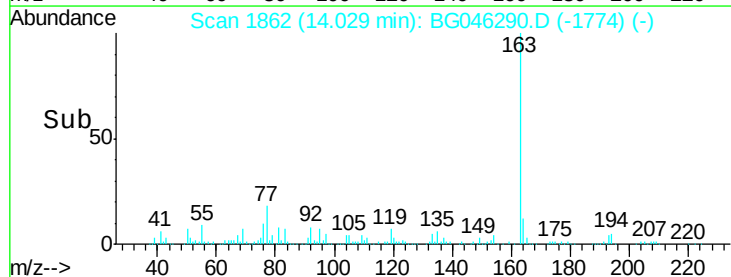
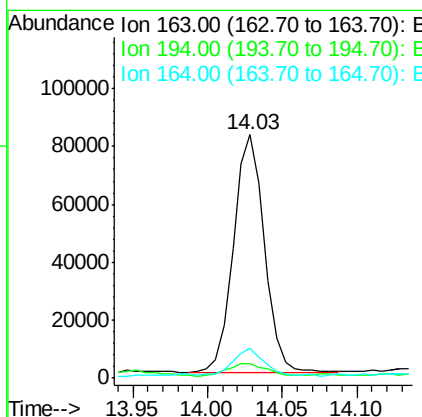
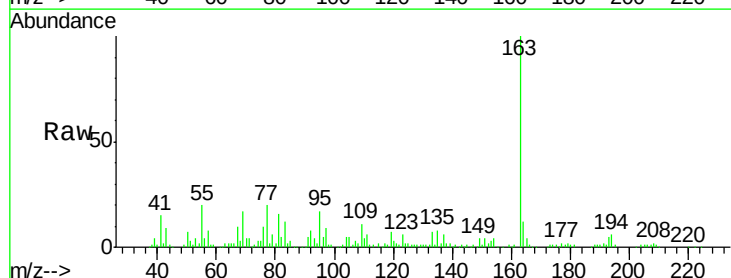
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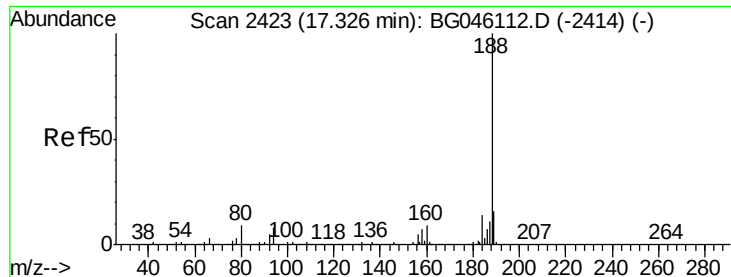
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#50
Dimethylphthalate
Concen: 5.833 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion:163 Resp: 118491
Ion Ratio Lower Upper
163 100
194 6.0 3.5 5.3#
164 12.1 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Instrument :

BNA_G

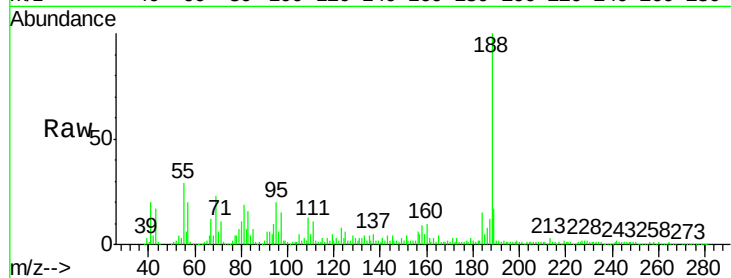
ClientSampleId :

RBR-374

Tot Ion:	188	Resp:	517419
Ion Ratio	Lower	Upper	
188	100		
94	10.3	6.4	9.6#
80	11.4	7.4	11.0#

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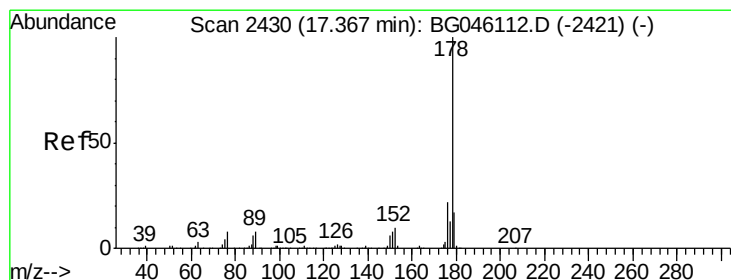
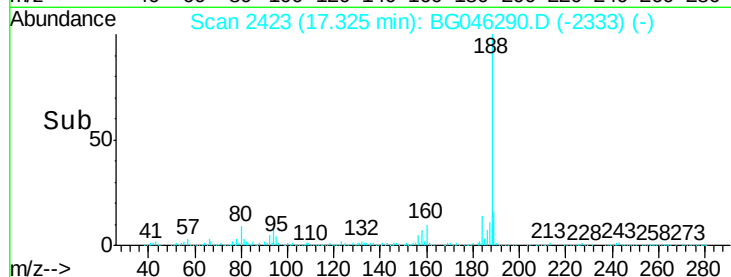
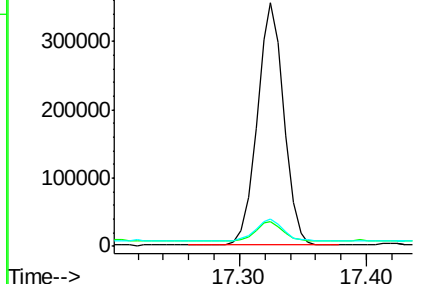
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#71

Phenanthrene

Concen: 15.992 ng

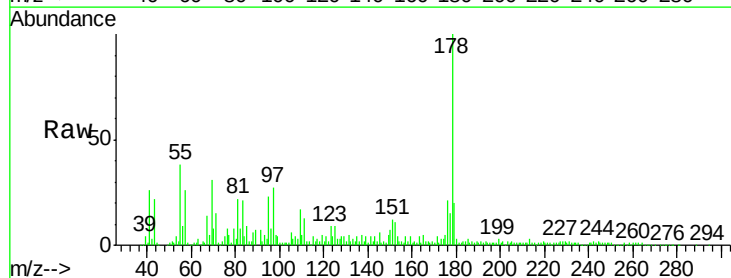
RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

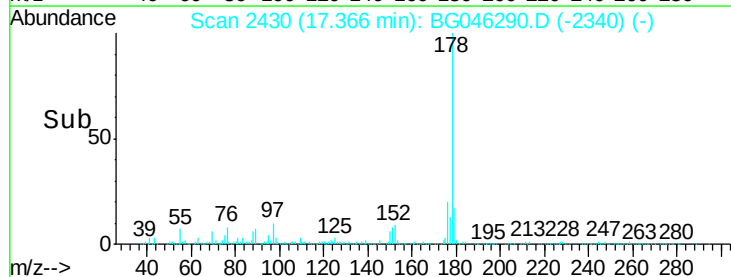
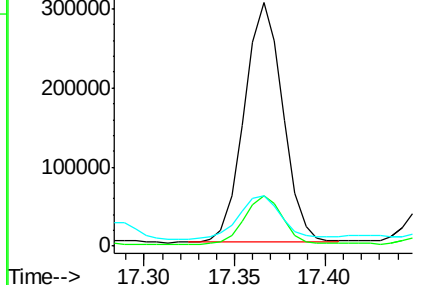
Tgt Ion:	178	Resp:	453251
Ion Ratio	Lower	Upper	
178	100		
176	20.7	17.3	25.9
179	20.5	13.8	20.6

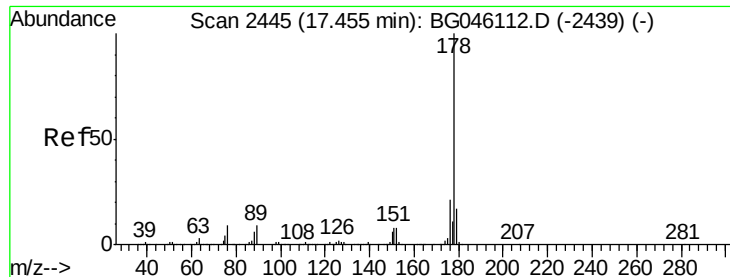


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.563 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Instrument :

BNA_G

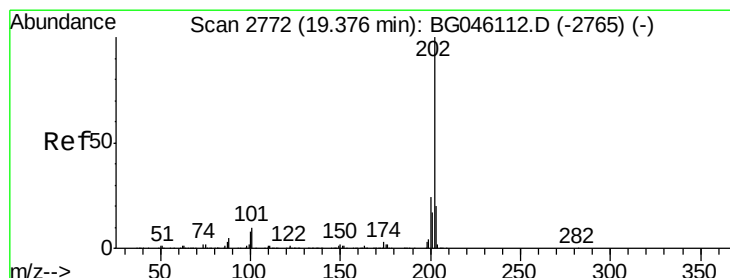
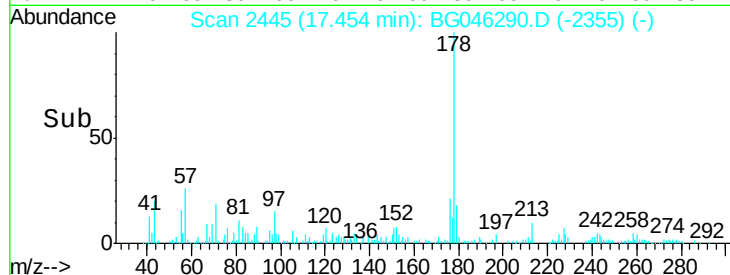
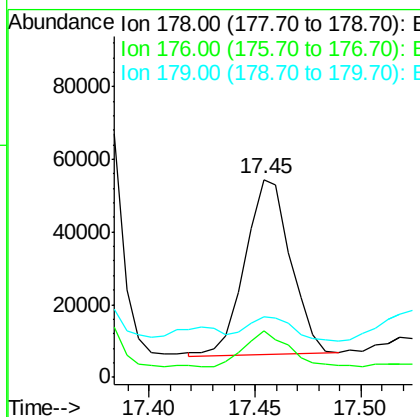
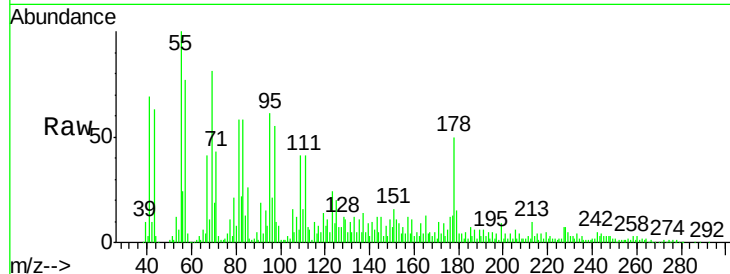
ClientSampleId :

RBR-374

Tot Ion:178	Resp:	72253
Ion Ratio	Lower	Upper
178	100	
176	23.4	16.6 24.8
179	30.8	13.4 20.2#

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#75

Fluoranthene

Concen: 25.589 ng

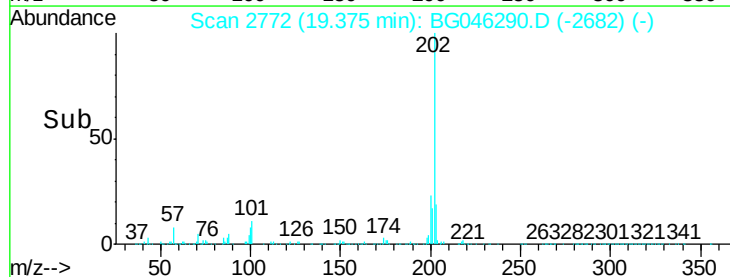
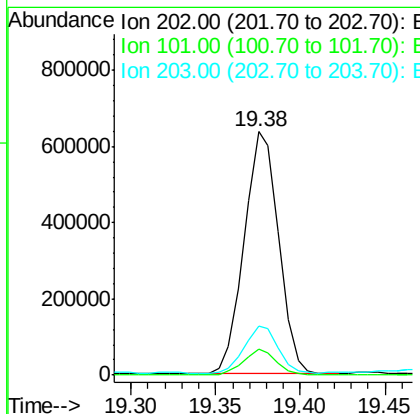
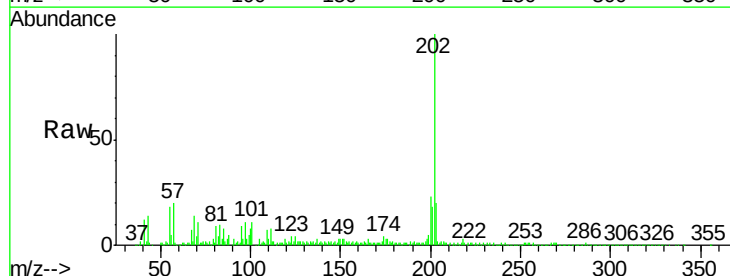
RT: 19.38 min Scan# 2772

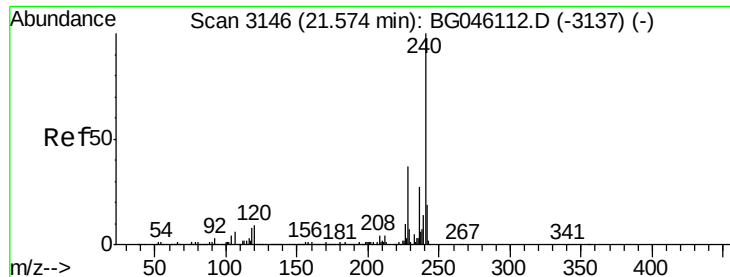
Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Tgt Ion:202	Resp:	905486
Ion Ratio	Lower	Upper
202	100	
101	10.7	0.0 30.0
203	20.2	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: BG046290.D

Acq: 15 Aug 2020 00:45

Instrument :

BNA_G

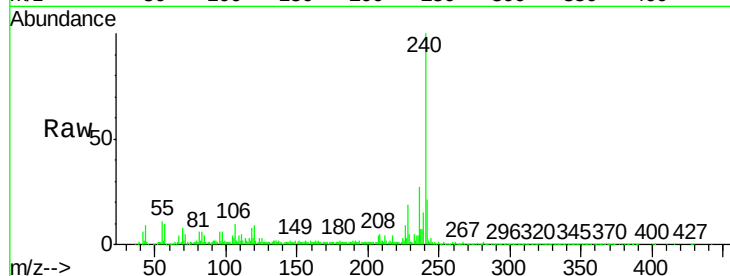
ClientSampleId :

RBR-374

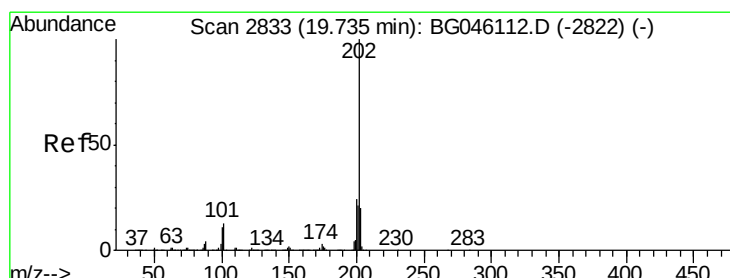
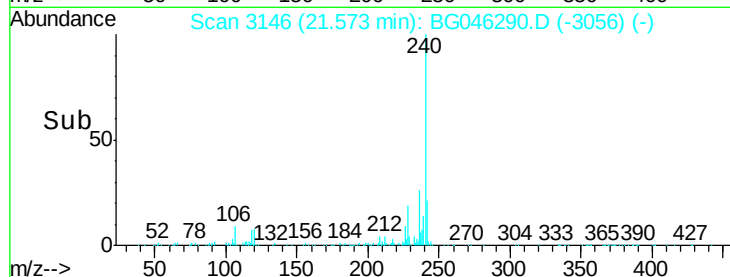
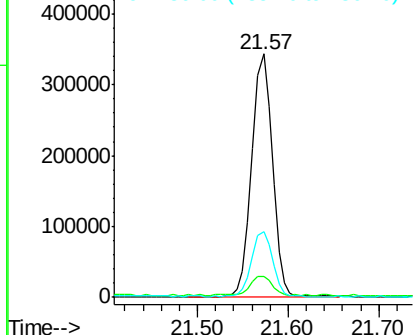
Tot Ion:	240	Resp:	544831
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.1	10.7
236	27.2	21.7	32.5

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 24.565 ng

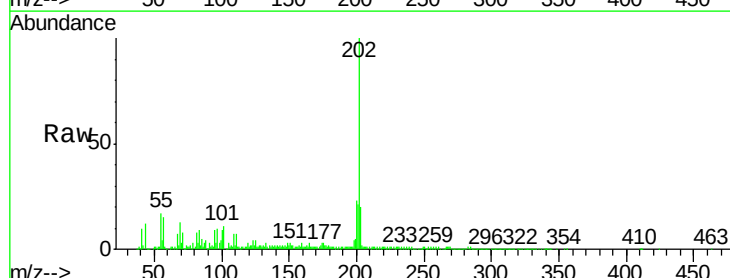
RT: 19.74 min Scan# 2834

Delta R.T. 0.00 min

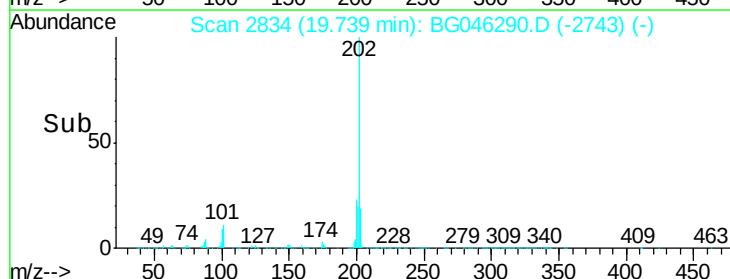
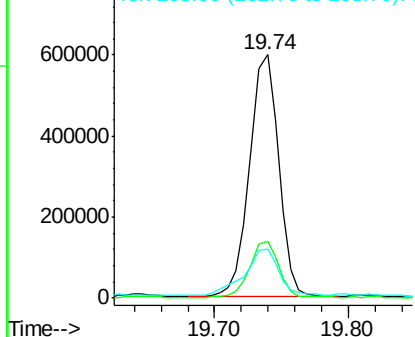
Lab File: BG046290.D

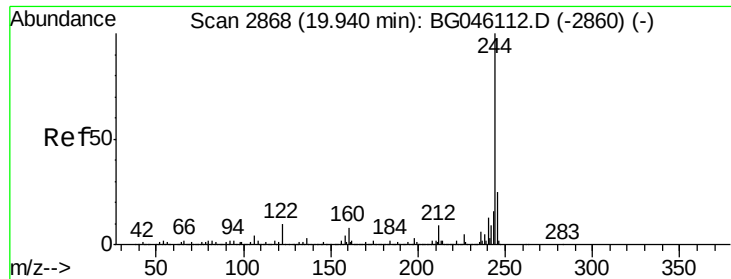
Acq: 15 Aug 2020 00:45

Tgt Ion:	202	Resp:	899279
Ion Ratio	Lower	Upper	
202	100		
200	23.2	19.5	29.3
203	20.0	16.2	24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 57.300 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

Instrument :

BNA_G

ClientSampleId :

RBR-374

Tot Ion:244 Resp: 1532869

Ion Ratio Lower Upper

244 100

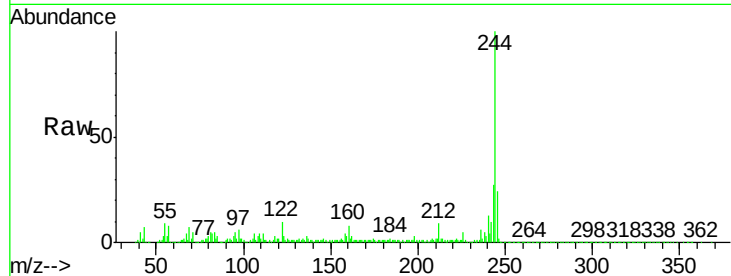
212 8.7 7.2 10.8

122 10.3 8.3 12.5

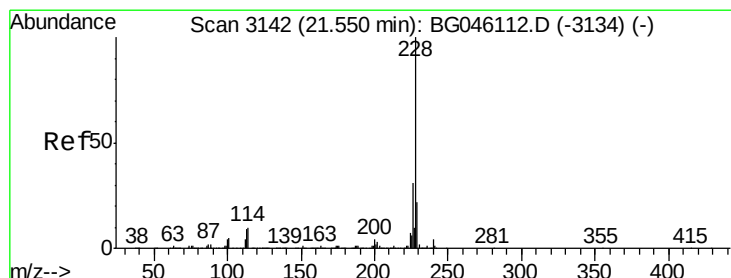
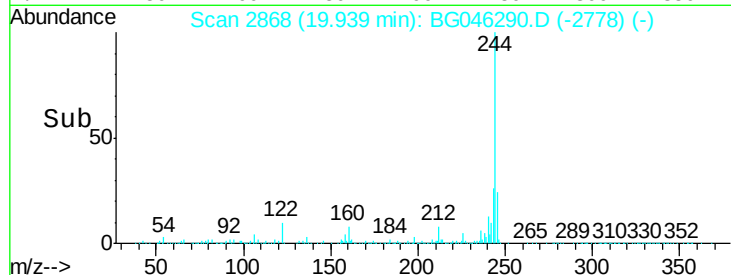
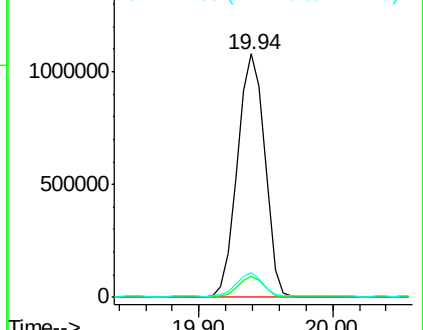
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 14.318 ng

RT: 21.56 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046290.D

Acq: 15 Aug 2020 00:45

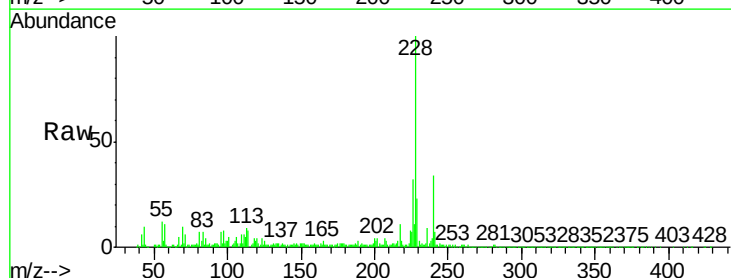
Tgt Ion:228 Resp: 522027

Ion Ratio Lower Upper

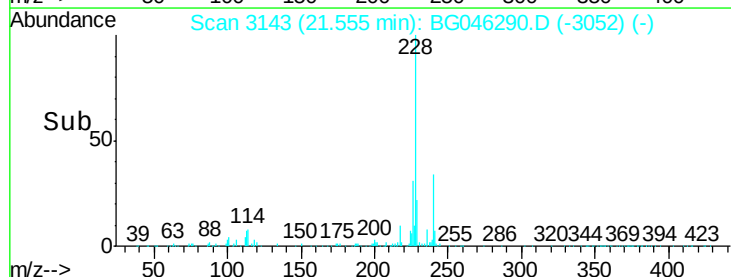
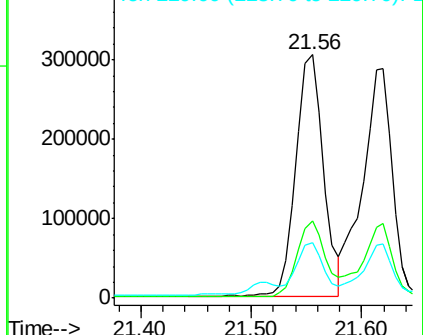
228 100

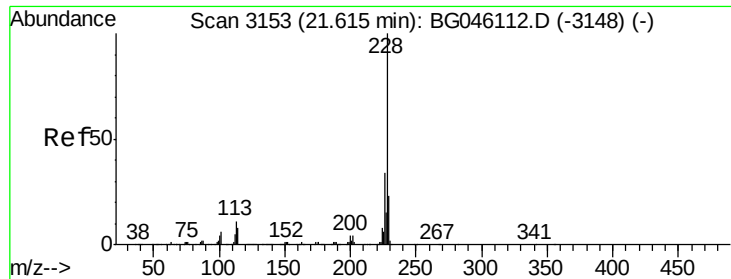
226 31.8 24.7 37.1

229 22.7 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





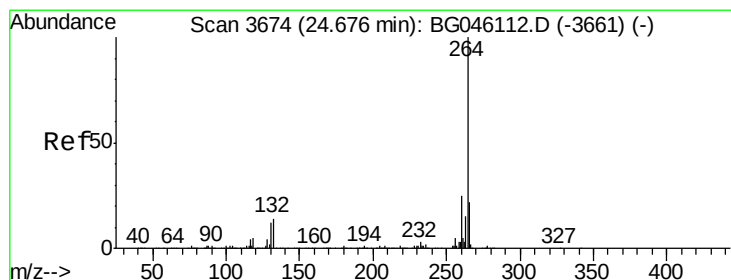
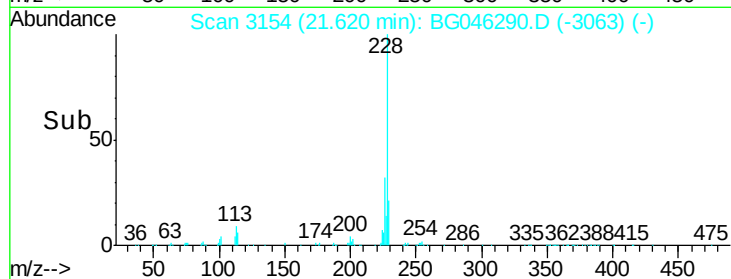
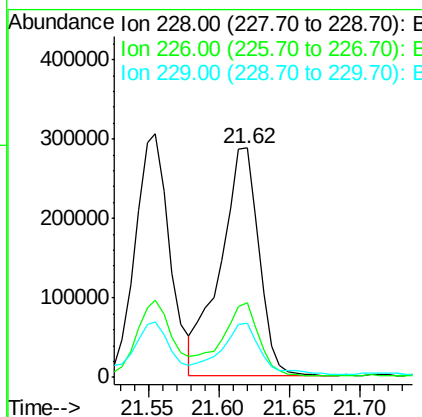
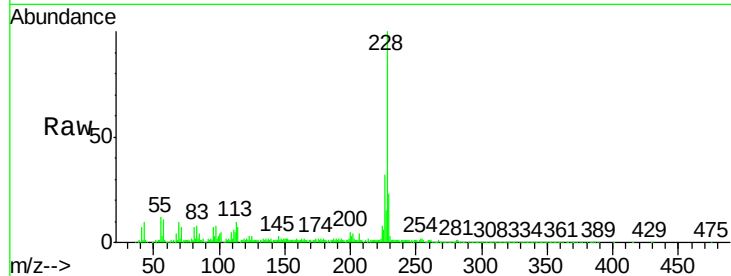
#83
Chrysene
Concen: 15.234 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion:	228	Resp:	544123
Ion Ratio	Lower	Upper	
228	100		
226	32.3	26.9	40.3
229	23.4	18.2	27.4

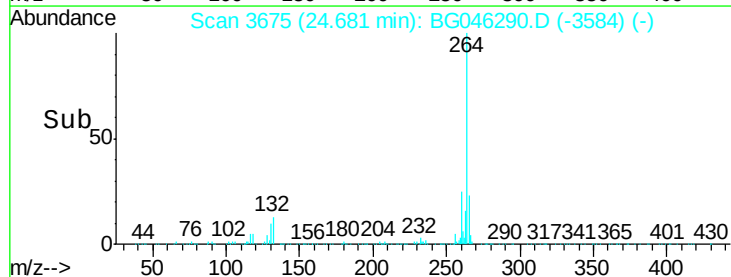
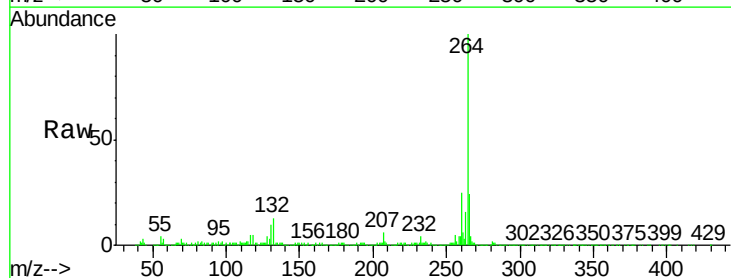
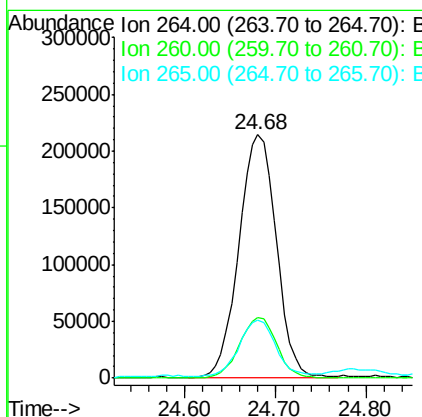
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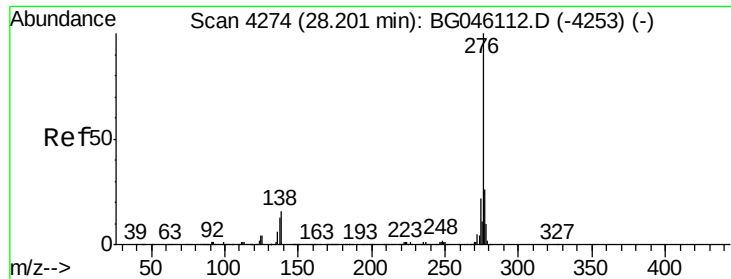
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion:	264	Resp:	611507
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.7	29.5
265	23.8	17.6	26.4





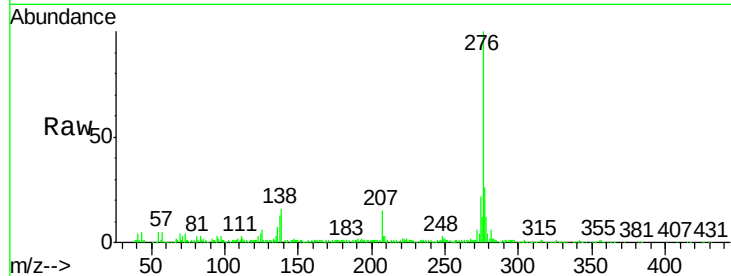
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.308 ng
 RT: 28.19 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046290.D
 Acq: 15 Aug 2020 00:45

Instrument :
 BNA_G
 ClientSampleId :
 RBR-374

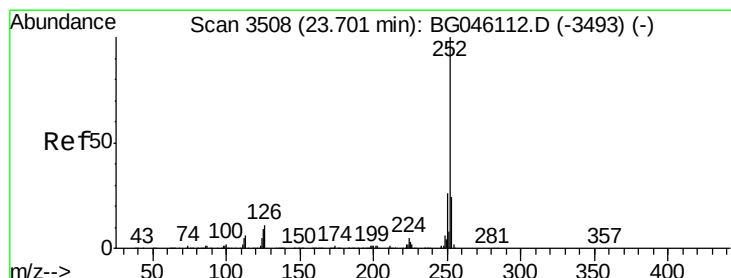
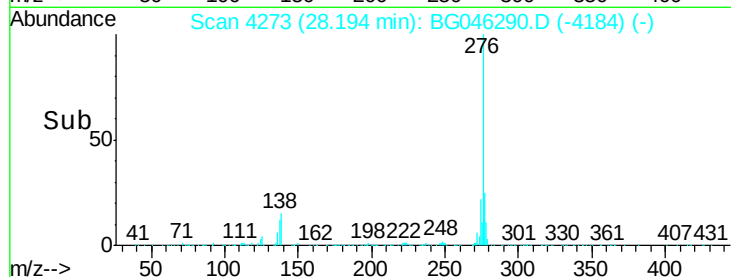
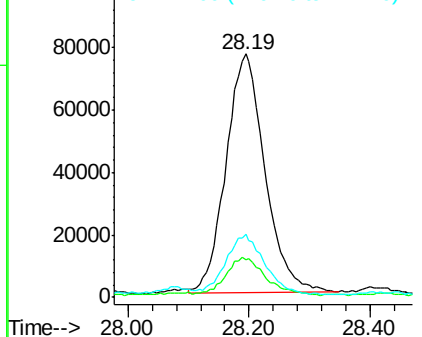
Tot Ion:	276	Resp:	340841
Ion Ratio	Lower	Upper	
276	100		
138	16.2	11.6	17.4
277	24.9	20.8	31.2

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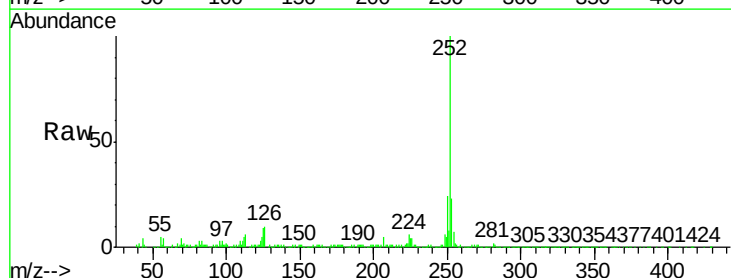


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

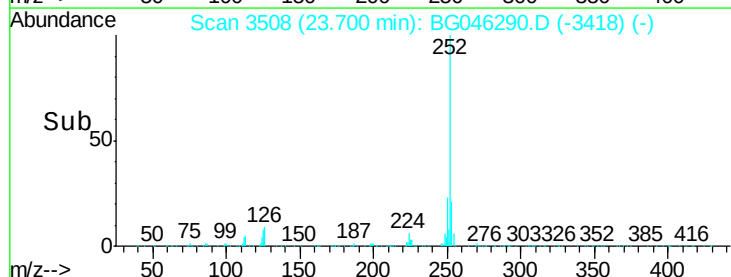
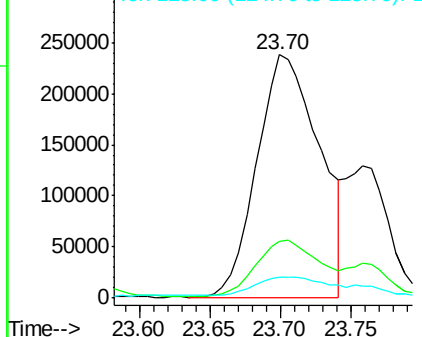


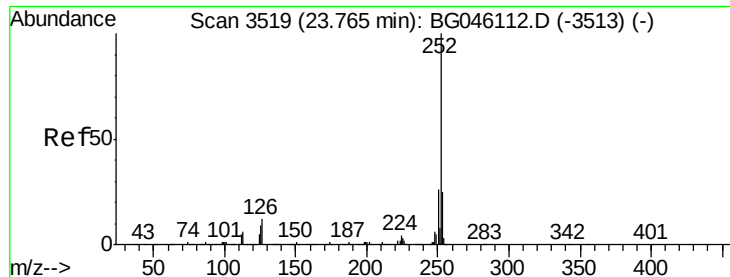
#88
 Benzo(b)fluoranthene
 Concen: 17.912 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046290.D
 Acq: 15 Aug 2020 00:45

Tgt Ion:	252	Resp:	734008
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.2	28.8
125	8.8	7.2	10.8



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





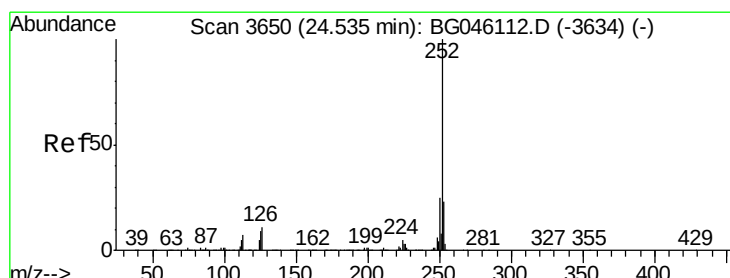
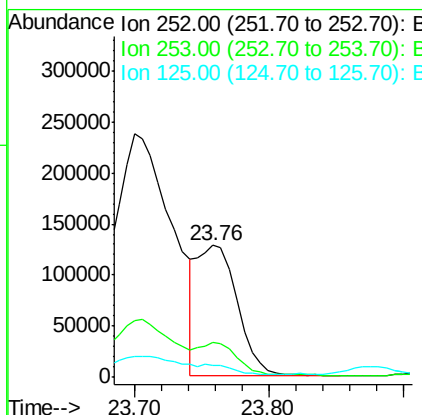
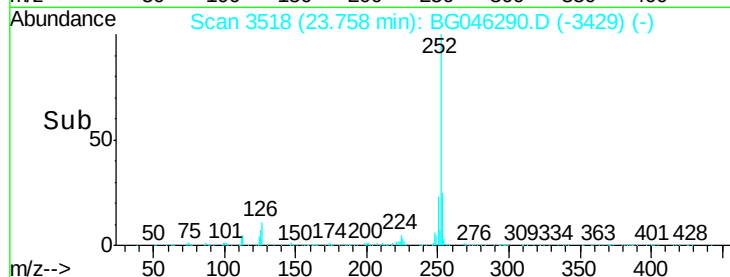
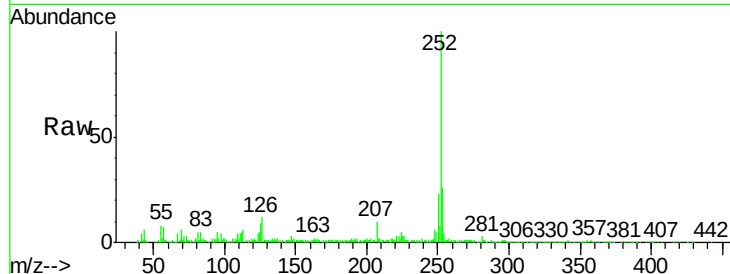
#89
Benzo(k)fluoranthene
Concen: 6.607 ng m
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.5	29.3
125	9.0	7.3	10.9

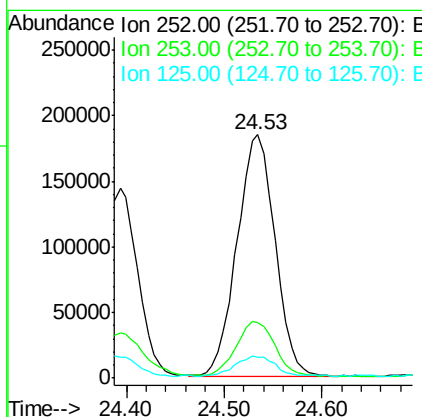
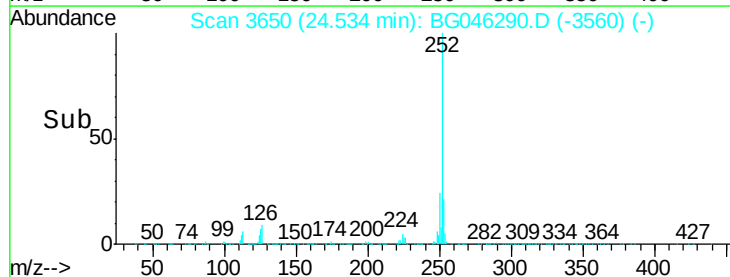
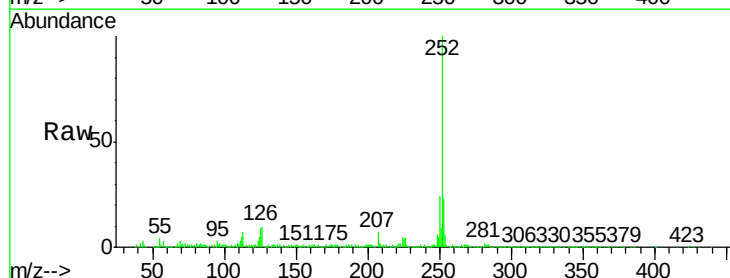
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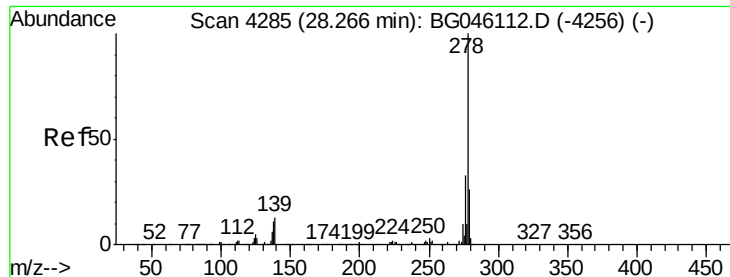
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#90
Benzo(a)pyrene
Concen: 13.030 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	8.6	7.1	10.7





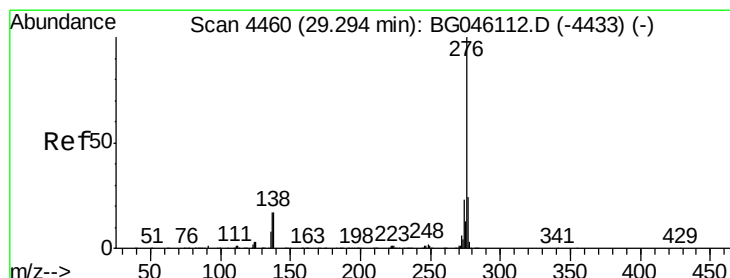
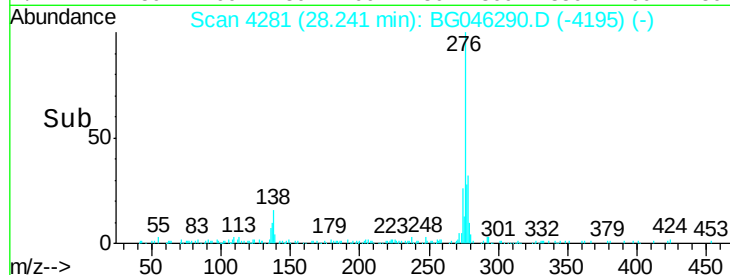
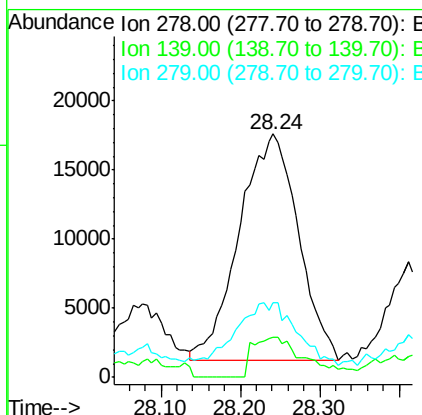
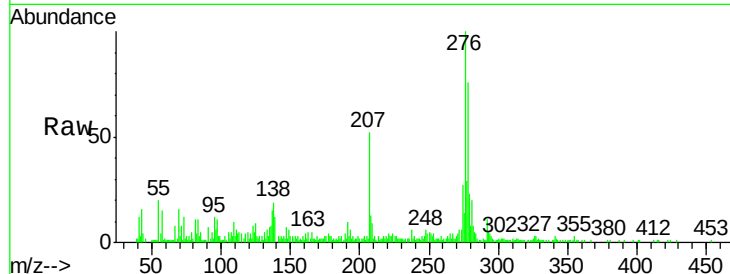
#91
Dibenzo(a,h)anthracene
Concen: 2.166 ng m
RT: 28.24 min Scan# 4281
Delta R.T. -0.02 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Instrument :
BNA_G
ClientSampleId :
RBR-374

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	16.3	10.8	16.2#	
279	30.8	20.5	30.7#	

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#92
Benzo(g,h,i)perylene
Concen: 8.479 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046290.D
Acq: 15 Aug 2020 00:45

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.9	19.5	29.3	
138	16.3	13.8	20.6	

