

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048558.D
 Acq On : 2 Apr 2021 00:31
 Operator : CG/JU
 Sample : M1886-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124035

Manual Integrations
 APPROVED

mohammad
 4/2/2021 11:06:06 AM

Quant Time: Apr 02 03:06:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	21710	20.00	ng	# 0.00
21) Naphthalene-d8	10.919	136	87428	20.00	ng	-0.01
39) Acenaphthene-d10	14.750	164	57155	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	142873	20.00	ng	0.00
76) Chrysene-d12	21.795	240	148451	20.00	ng	#-0.01
86) Perylene-d12	25.144	264	153556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	176074	143.19	ng	0.00
7) Phenol-d6	7.247	99	222203	124.60	ng	0.00
23) Nitrobenzene-d5	9.262	82	159861	88.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.236	330	106552	141.82	ng	-0.01
45) 2-Fluorobiphenyl	13.369	172	287991	74.89	ng	-0.01
79) Terphenyl-d14	20.108	244	484928	59.74	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.186	163	16493	3.89	ng	98
71) Phenanthrene	17.541	178	109199	14.72	ng	97
75) Fluoranthene	19.550	202	192654	20.95	ng	99
78) Pyrene	19.914	202	164022	16.07	ng	99
81) Benzo(a)anthracene	21.777	228	77367	7.80	ng	98
83) Chrysene	21.842	228	78195	8.26	ng	95
87) Indeno(1,2,3-cd)pyrene	28.951	276	32949	3.06	ng	# 95
88) Benzo(b)fluoranthene	24.074	252	85391	8.56	ng	# 97
89) Benzo(k)fluoranthene	24.133	252	28229m	2.94	ng	
90) Benzo(a)pyrene	24.967	252	54865	5.97	ng	99
92) Benzo(g,h,i)perylene	30.150	276	27431m	3.05	ng	

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

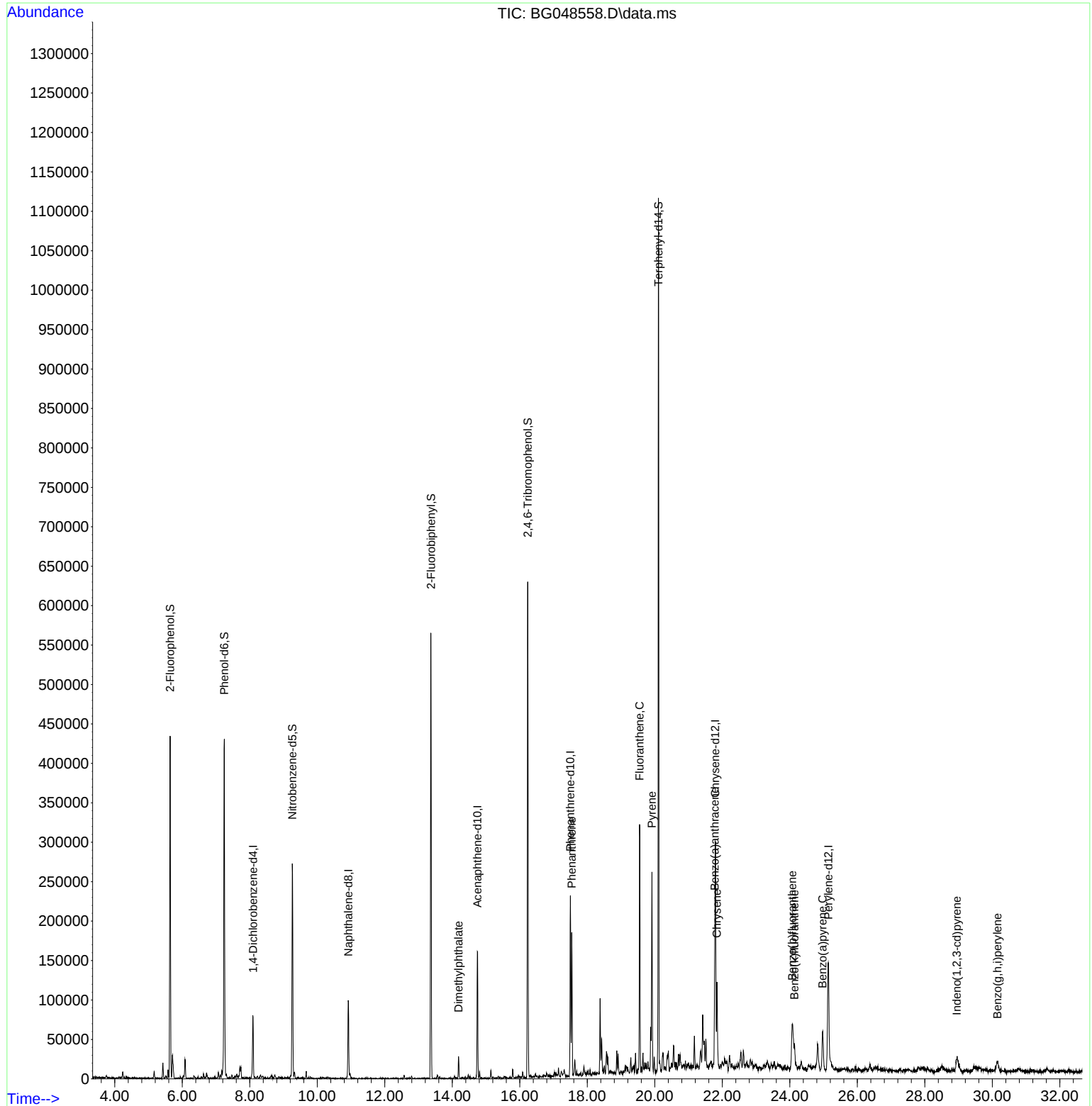
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048558.D
Acq On : 2 Apr 2021 00:31
Operator : CG/JU
Sample : M1886-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

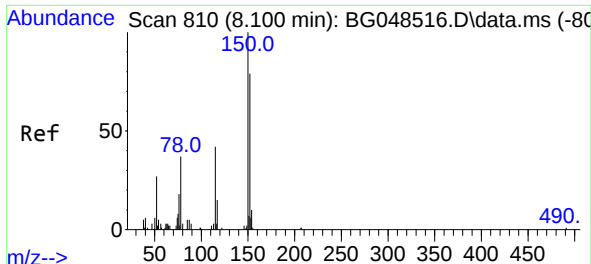
Instrument :
BNA_G
ClientSampleId :
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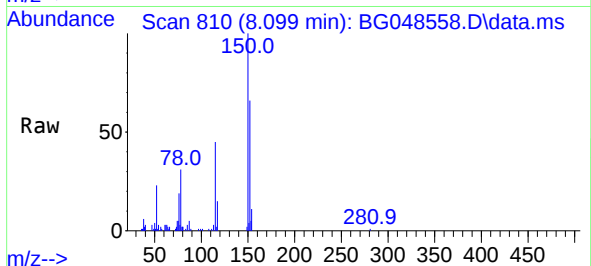
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

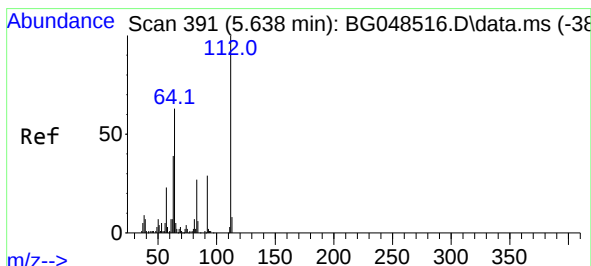
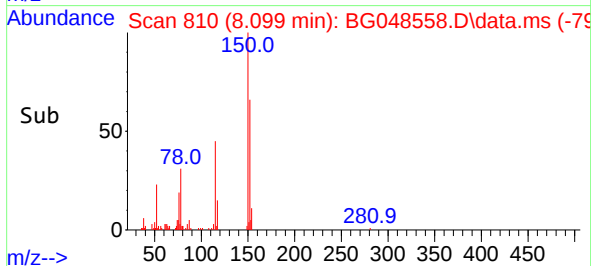
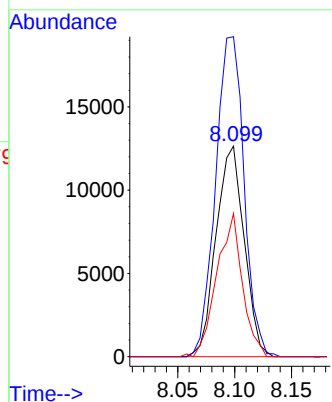
Instrument :
BNA_G
ClientSampleId :
RO-124035



Tgt Ion:152 Resp: 21710
Ion Ratio Lower Upper
152 100
150 152.0 101.3 151.9#
115 67.9 42.3 63.5#

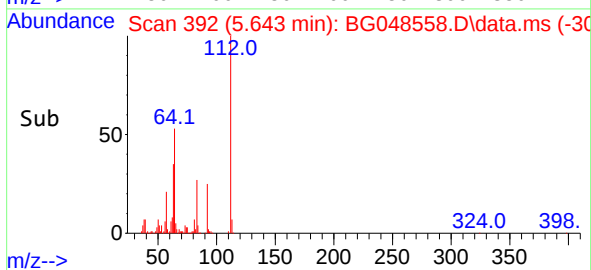
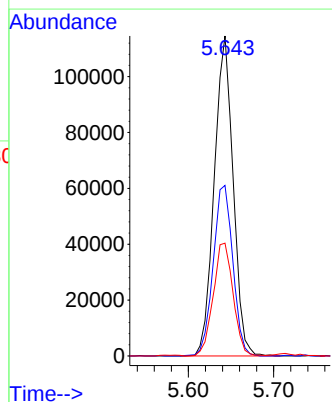
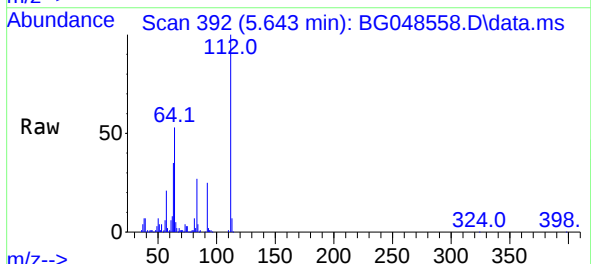
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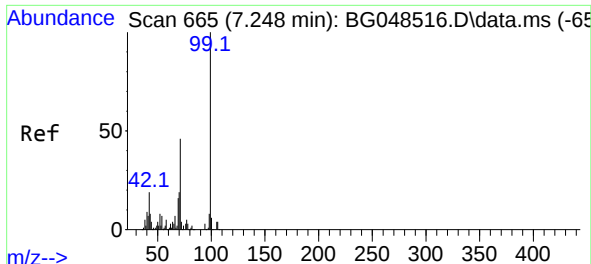
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#5
2-Fluorophenol
Concen: 143.19 ng
RT: 5.643 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion:112 Resp: 176074
Ion Ratio Lower Upper
112 100
64 53.3 50.4 75.6
63 35.3 31.4 47.2





#7
Phenol-d6
Concen: 124.60 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

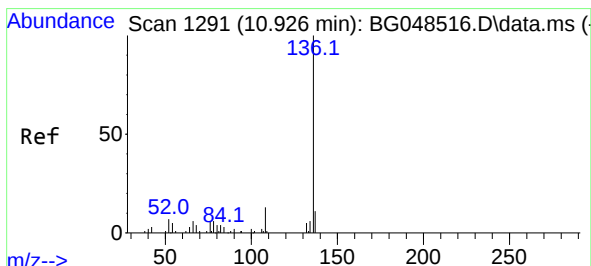
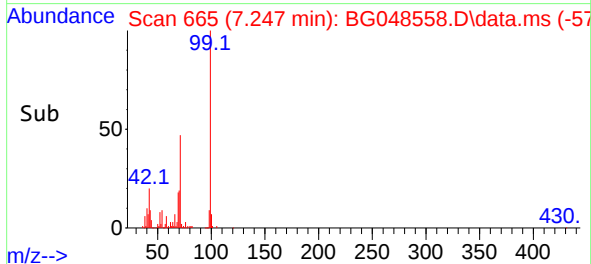
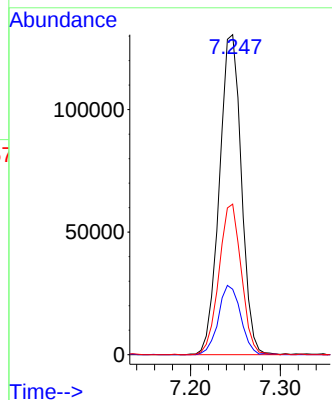
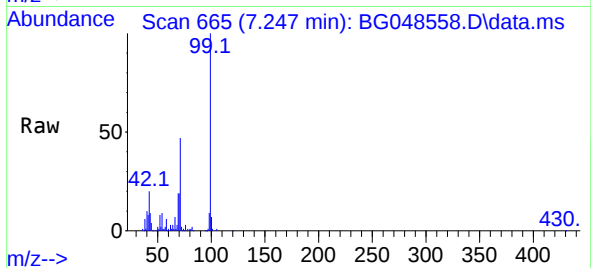
Tgt Ion: 99 Resp: 222203

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.5	23.3
71	47.1	36.6	54.8

Instrument :
BNA_G
ClientSampleId :
RO-124035

Manual Integrations
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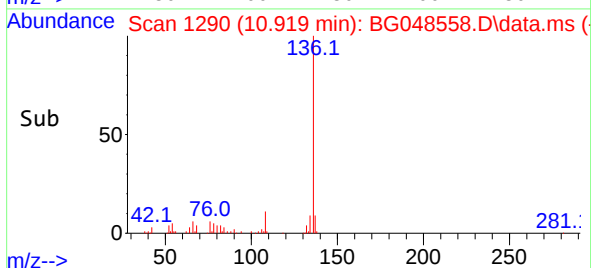
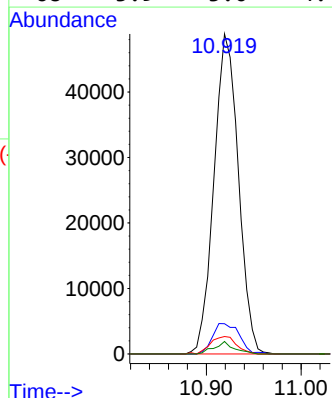
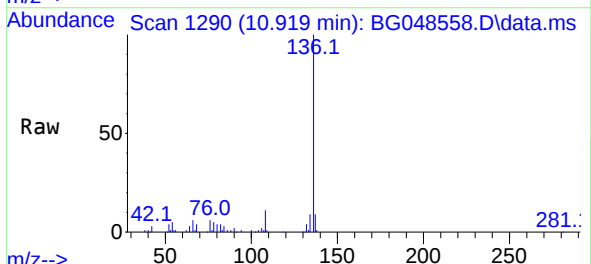
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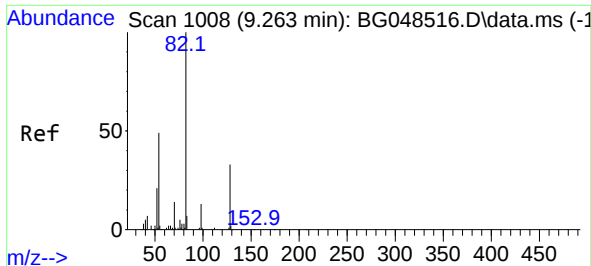


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.919 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion: 136 Resp: 87428

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.6	12.8
54	5.4	4.2	6.4
68	3.9	3.0	4.4





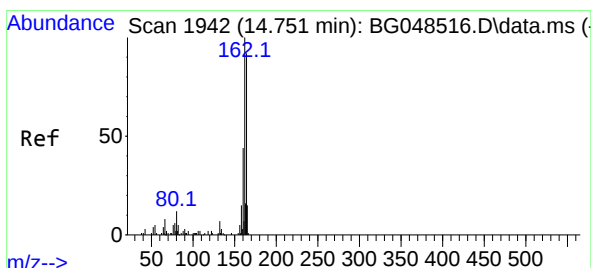
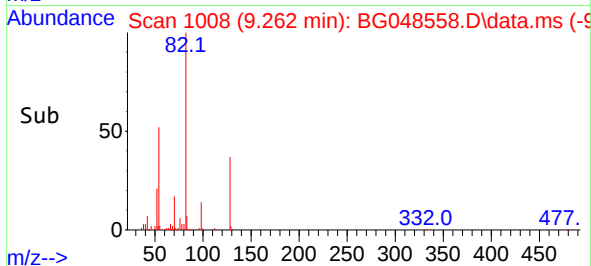
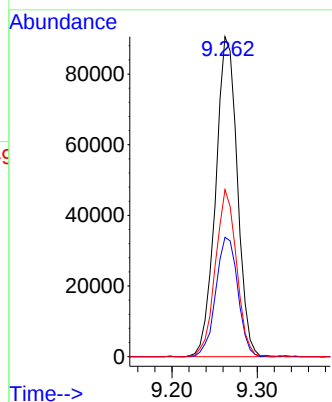
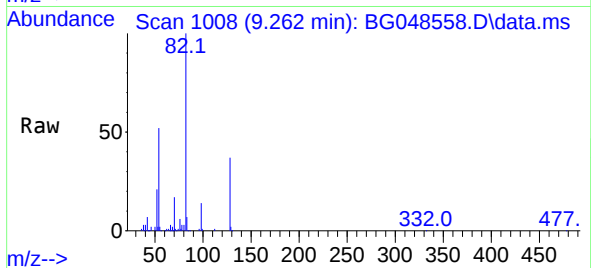
#23
Nitrobenzene-d5
Concen: 88.53 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion: 82 Resp: 159861
Ion Ratio Lower Upper
82 100
128 37.3 26.2 39.4
54 52.2 38.9 58.3

Instrument :
BNA_G
ClientSampleId :
RO-124035

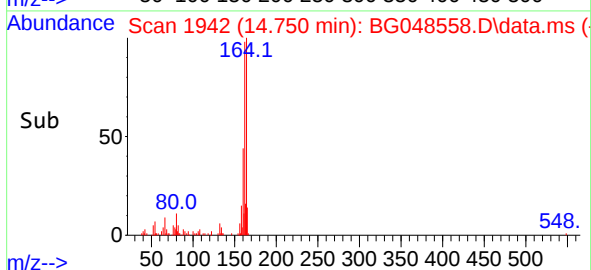
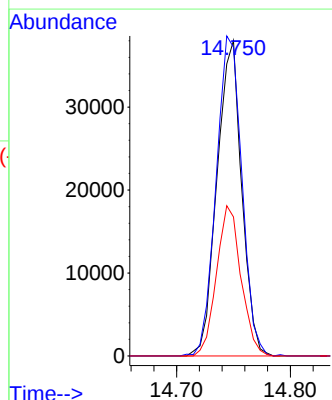
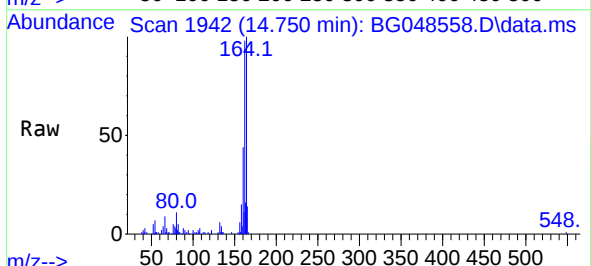
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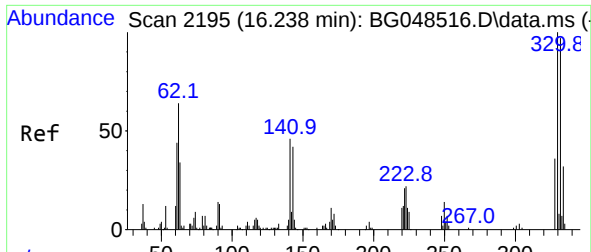
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

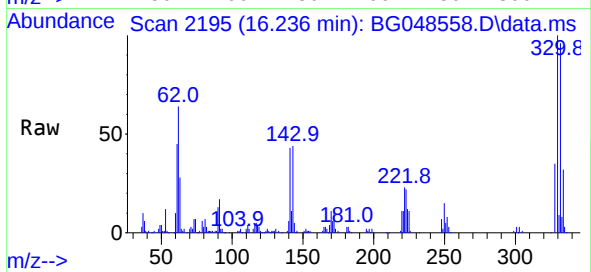
Tgt Ion:164 Resp: 57155
Ion Ratio Lower Upper
164 100
162 97.9 87.0 130.6
160 44.1 38.4 57.6





#42
2,4,6-Tribromophenol
Concen: 141.82 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

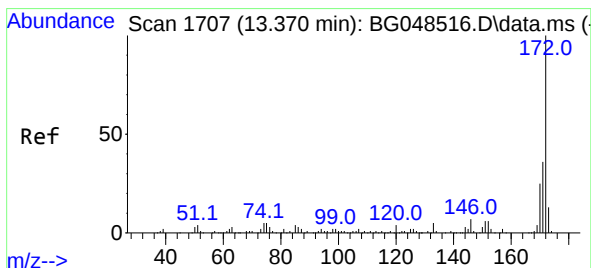
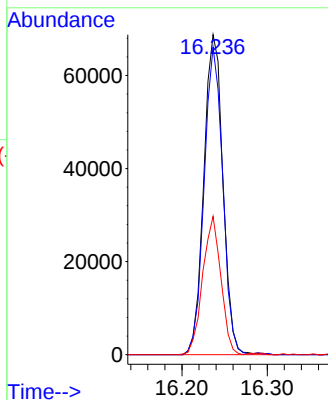
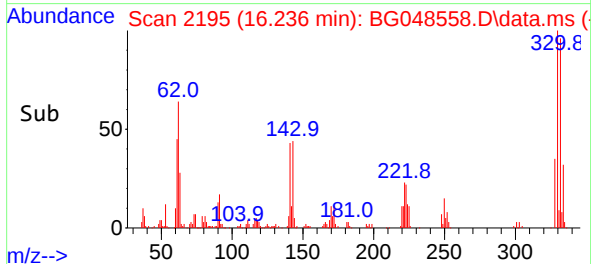
Instrument :
BNA_G
ClientSampleId :
RO-124035



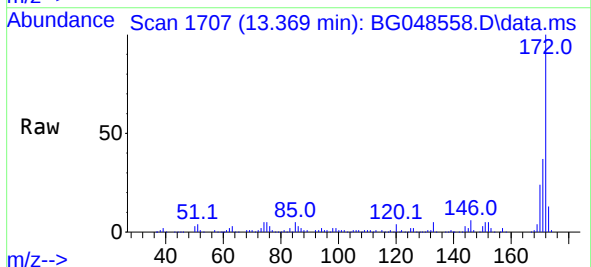
Tgt Ion:330 Resp: 106552
Ion Ratio Lower Upper
330 100
332 94.1 77.6 116.4
141 41.4 34.6 52.0

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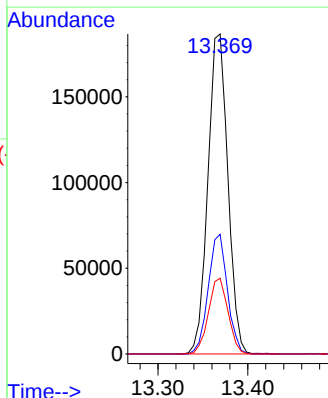
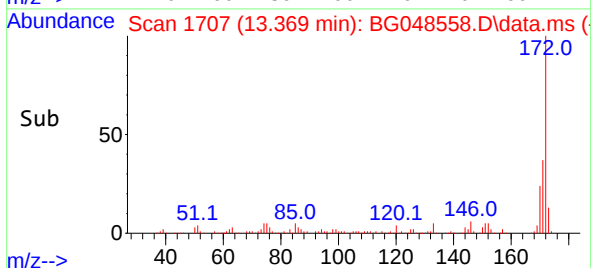
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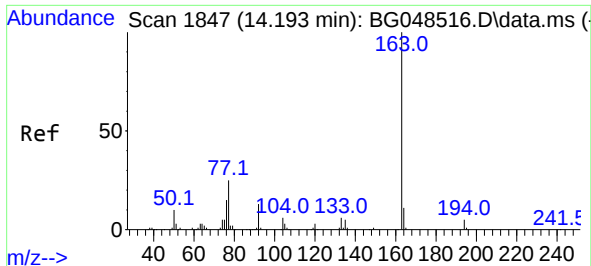


#45
2-Fluorobiphenyl
Concen: 74.89 ng
RT: 13.369 min Scan# 1707
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



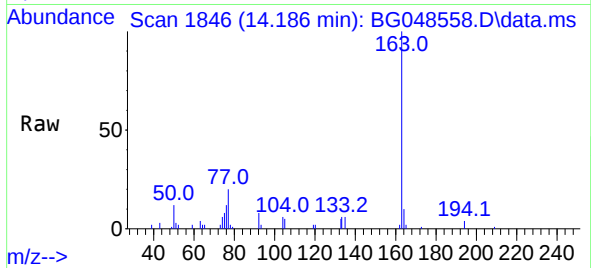
Tgt Ion:172 Resp: 287991
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 23.6 19.8 29.6





#50
Dimethylphthalate
Concen: 3.89 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.016 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

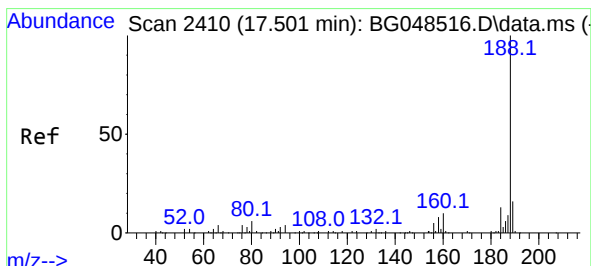
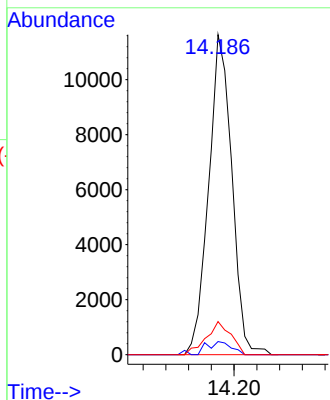
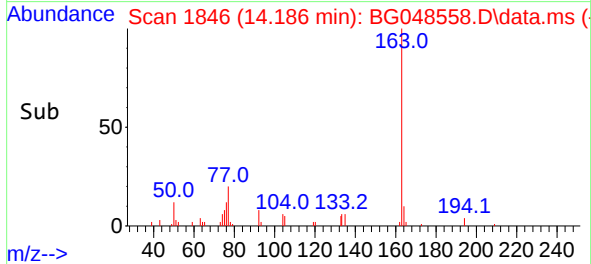
Instrument :
BNA_G
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RO-124035



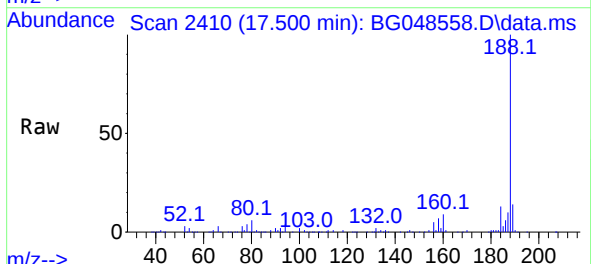
Tgt Ion:163 Resp: 16493
Ion Ratio Lower Upper
163 100
194 4.1 4.1 6.1
164 10.4 8.6 12.8

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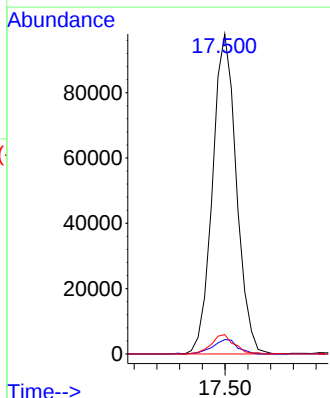
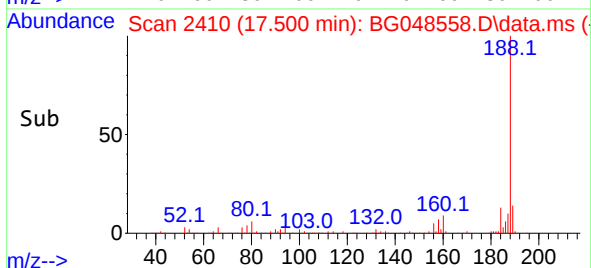
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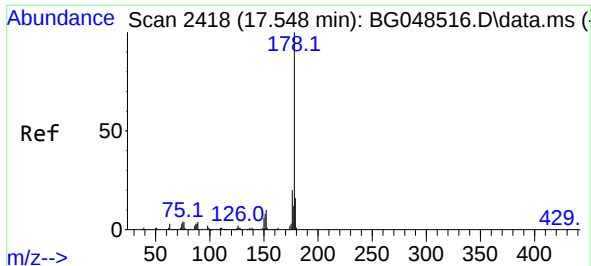


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



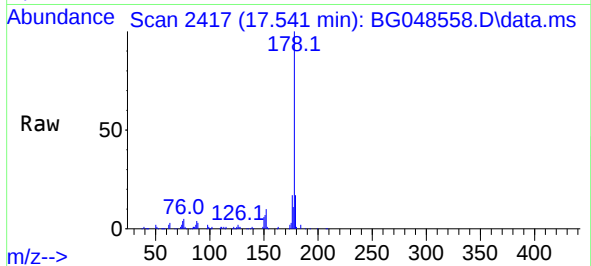
Tgt Ion:188 Resp: 142873
Ion Ratio Lower Upper
188 100
94 4.5 3.0 4.6
80 6.0 4.5 6.7





#71
Phenanthrene
Concen: 14.72 ng
RT: 17.541 min Scan# 2417
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

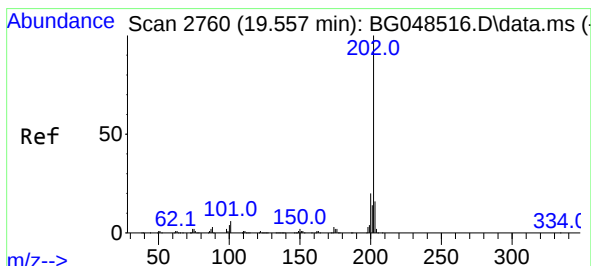
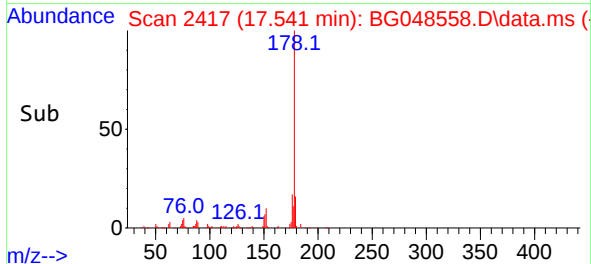
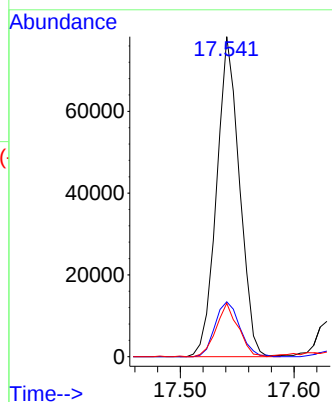
Instrument :
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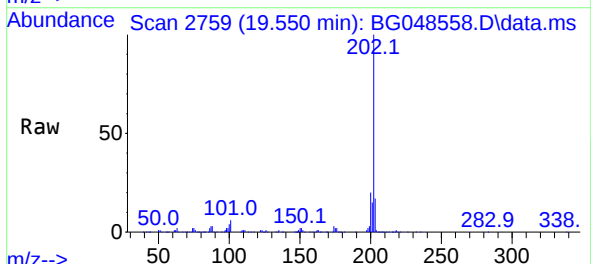
Tgt Ion:178 Resp: 109199
Ion Ratio Lower Upper
178 100
176 17.1 15.6 23.4
179 16.7 12.9 19.3

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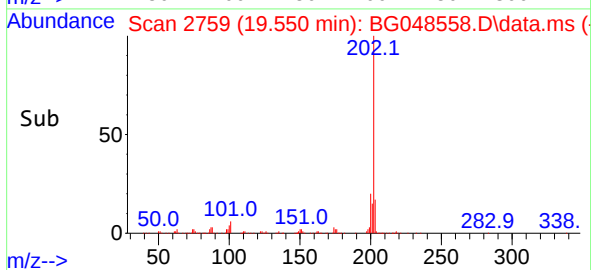
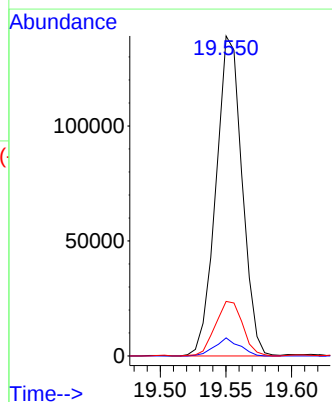
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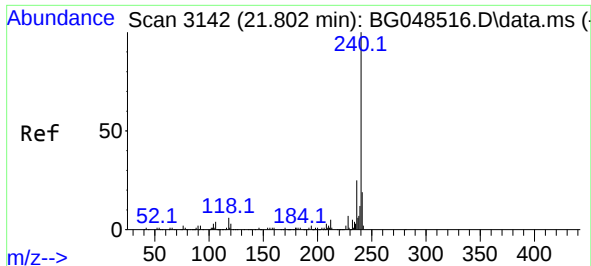


#75
Fluoranthene
Concen: 20.95 ng
RT: 19.550 min Scan# 2759
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

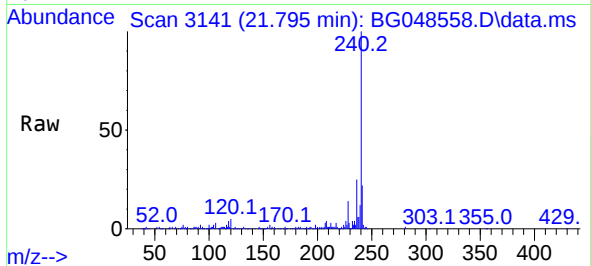


Tgt Ion:202 Resp: 192654
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.8
203 17.0 0.0 36.4

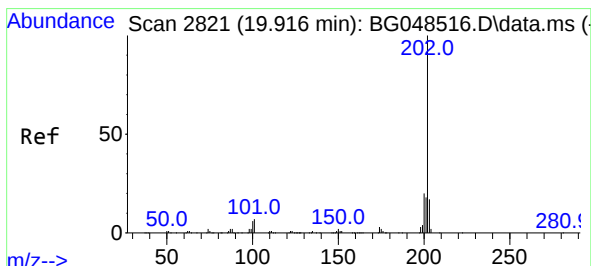
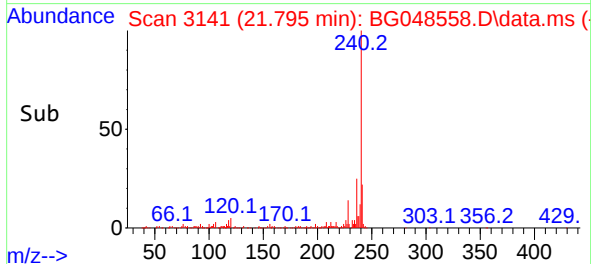
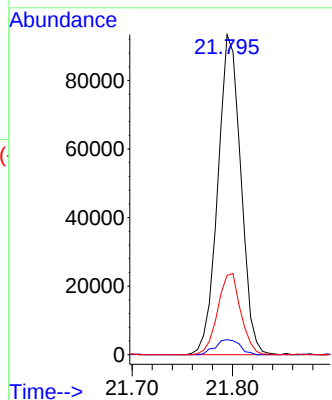




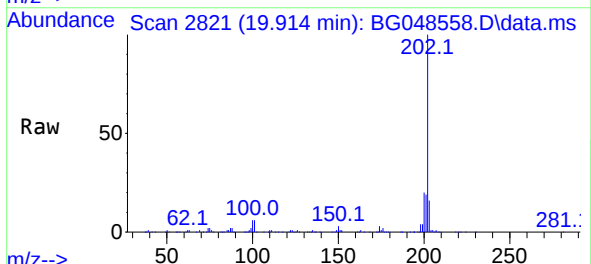
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



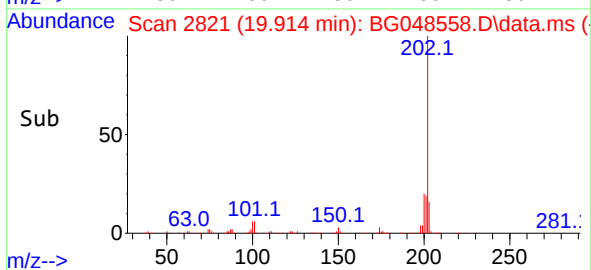
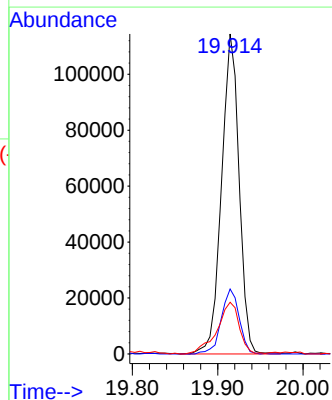
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Ion Ratio Lower Upper
240 100
120 4.7 2.6 3.8#
236 24.8 19.8 29.6



#78
Pyrene
Concen: 16.07 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



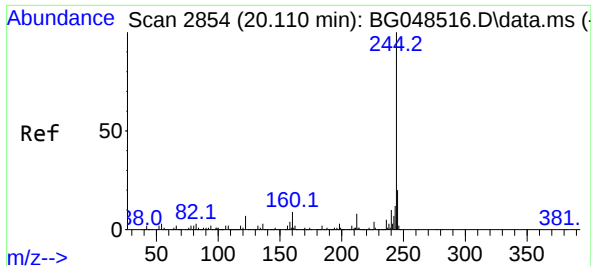
Tgt Ion:202 Resp: 164022
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 16.2 13.6 20.4



Instrument :
BNA_G
ClientSampleId :
RO-124035

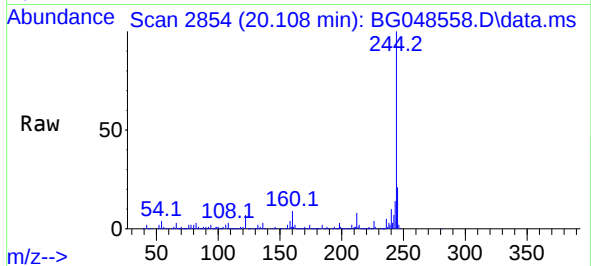
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#79
Terphenyl-d14
Concen: 59.74 ng
RT: 20.108 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

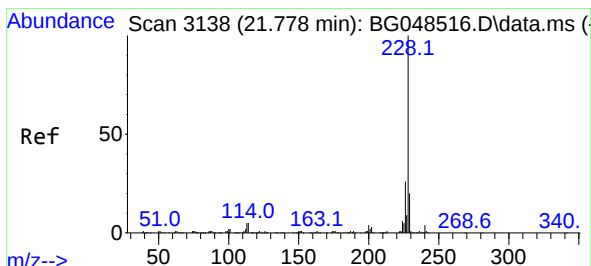
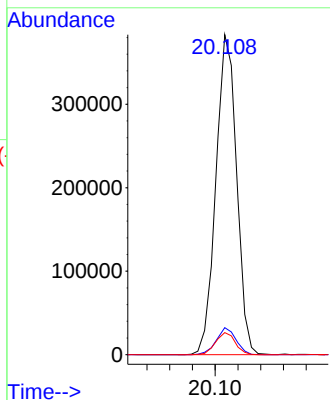
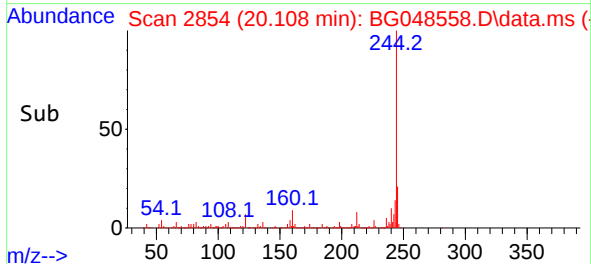
Instrument :
BNA_G
ClientSampleId :
RO-124035



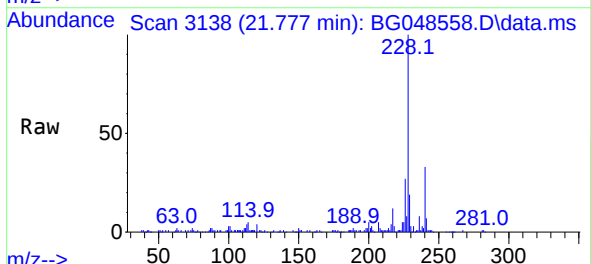
Tgt Ion:244 Resp: 484928
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 6.9 5.8 8.6

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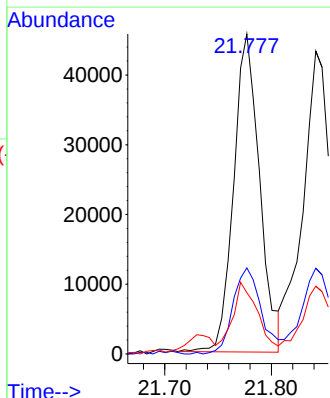
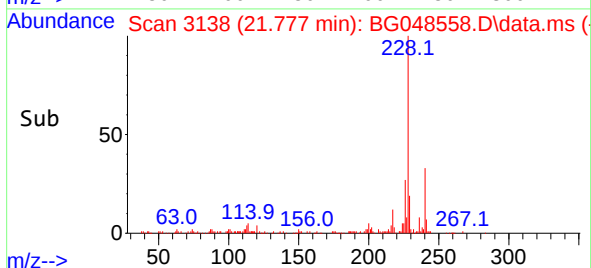
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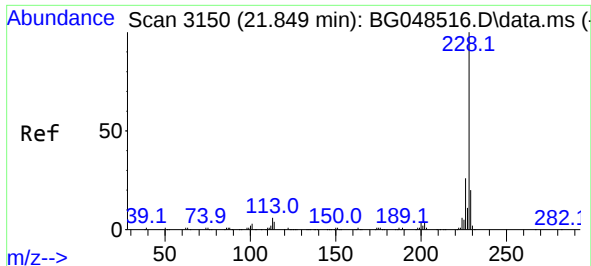


#81
Benzo(a)anthracene
Concen: 7.80 ng
RT: 21.777 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



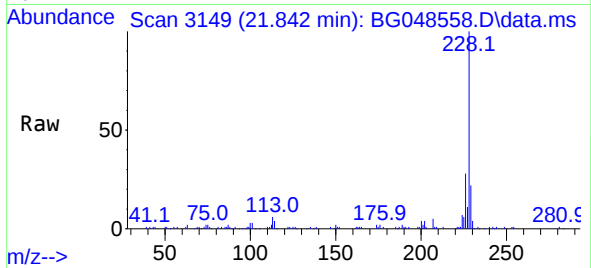
Tgt Ion:228 Resp: 77367
Ion Ratio Lower Upper
228 100
226 26.9 20.6 30.8
229 19.1 15.8 23.8





#83
Chrysene
Concen: 8.26 ng
RT: 21.842 min Scan# 3149
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

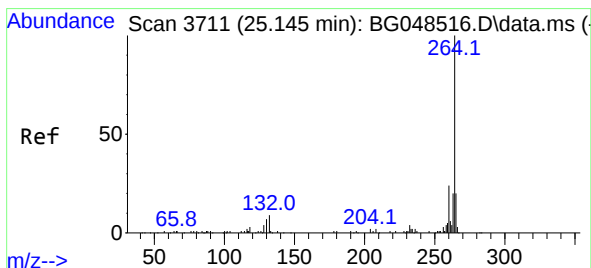
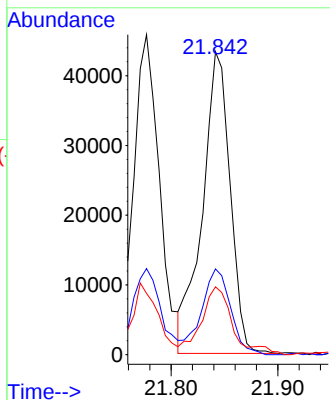
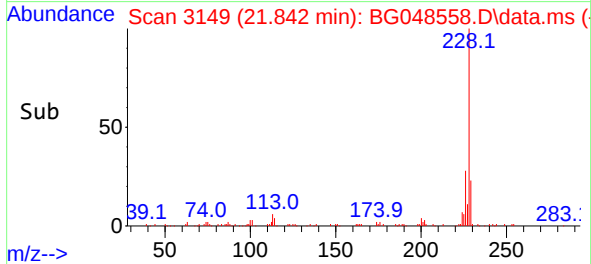
Instrument :
BNA_G
ClientSampleId :
RO-124035



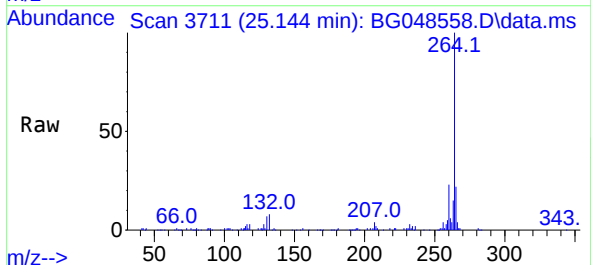
Tgt Ion:228 Resp: 78195
Ion Ratio Lower Upper
228 100
226 28.3 20.6 31.0
229 22.4 16.3 24.5

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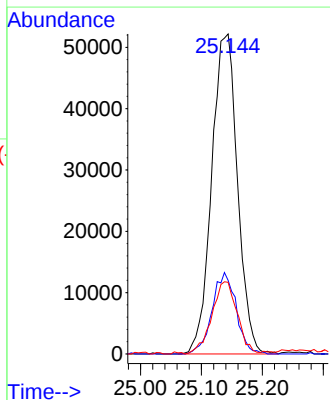
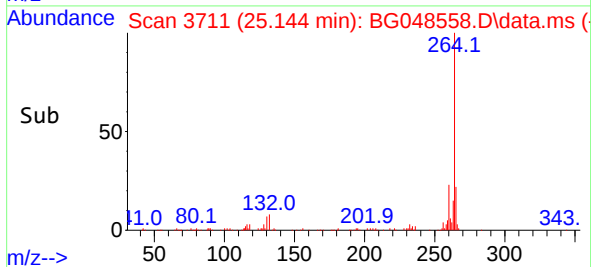
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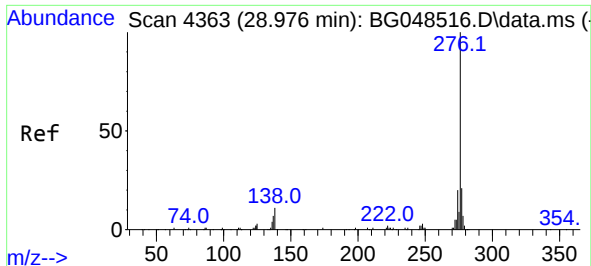


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3711
Delta R.T. -0.005 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

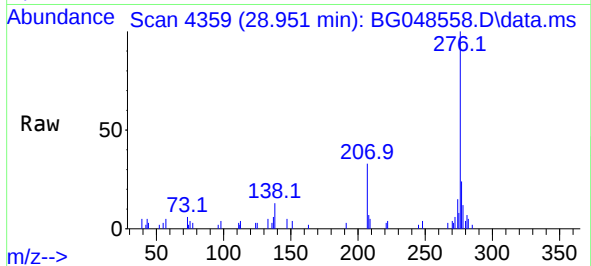


Tgt Ion:264 Resp: 153556
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 22.4 16.1 24.1

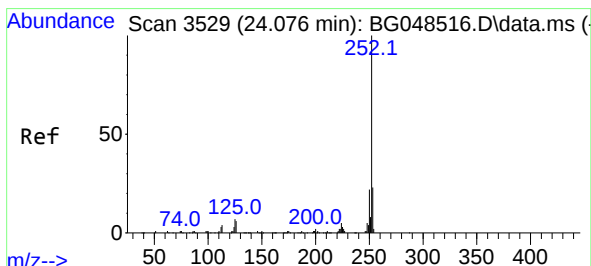
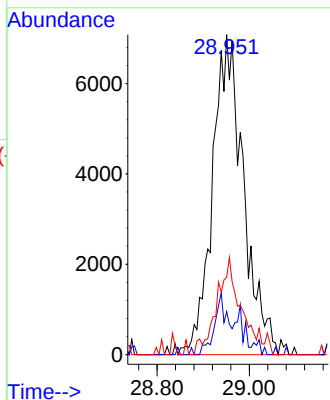
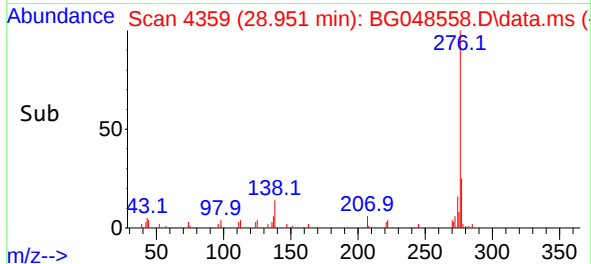




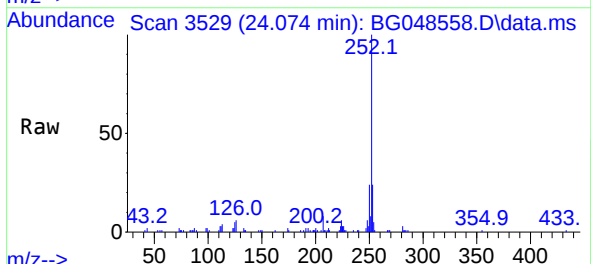
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.06 ng
RT: 28.951 min Scan# 4359
Delta R.T. -0.034 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



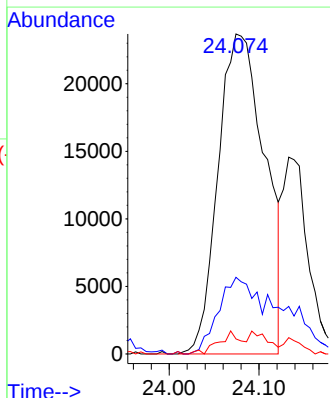
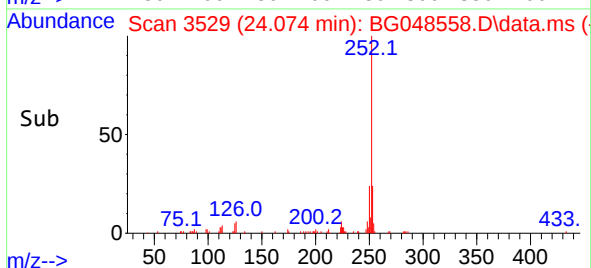
Tgt Ion:276 Resp: 32949
Ion Ratio Lower Upper
276 100
138 8.0 7.8 11.8
277 19.1 0.0 0.0#



#88
Benzo(b)fluoranthene
Concen: 8.56 ng
RT: 24.074 min Scan# 3529
Delta R.T. -0.011 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31



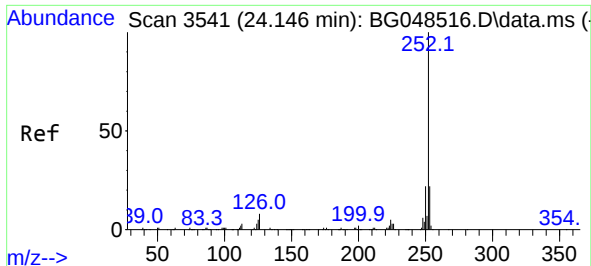
Tgt Ion:252 Resp: 85391
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 4.7 5.3 7.9#



Instrument :
BNA_G
ClientSampleId :
RO-124035

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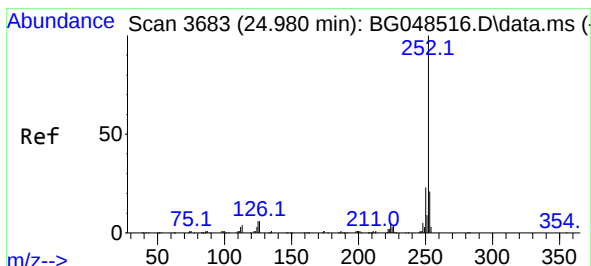
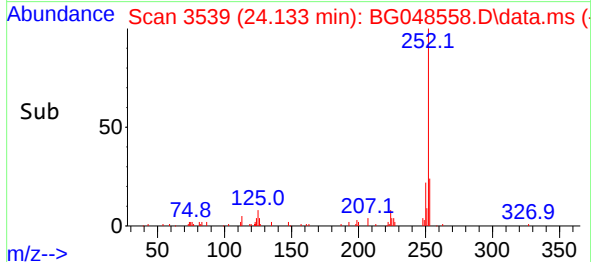
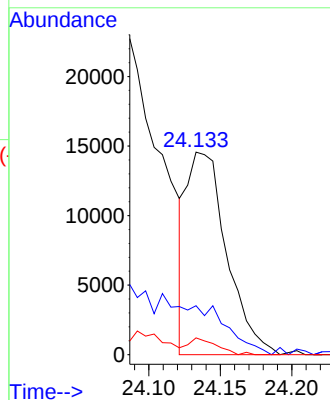
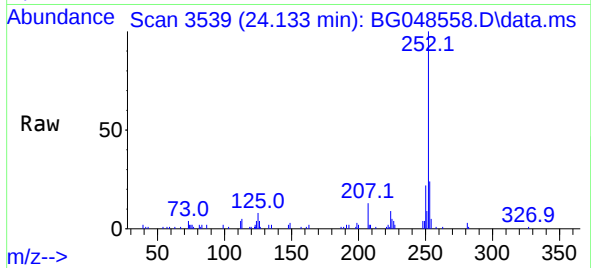
#89
Benzo(k)fluoranthene
Concen: 2.94 ng m
RT: 24.133 min Scan# 3539
Delta R.T. -0.022 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion:252 Resp: 28229
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 8.3 3.9 5.9#

Instrument :
BNA_G
ClientSampleId :
RO-124035

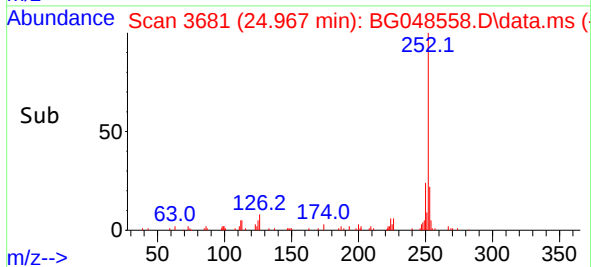
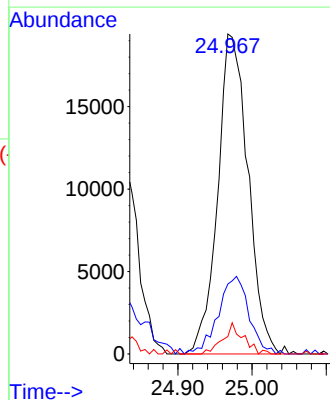
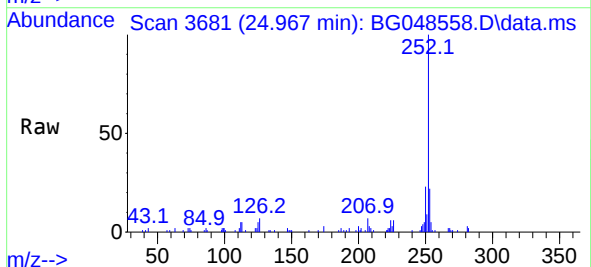
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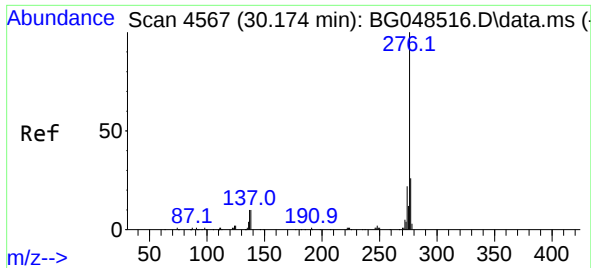
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#90
Benzo(a)pyrene
Concen: 5.97 ng
RT: 24.967 min Scan# 3681
Delta R.T. -0.022 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion:252 Resp: 54865
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 5.5 4.4 6.6





#92
Benzo(g,h,i)perylene
Concen: 3.05 ng m
RT: 30.150 min Scan# 4563
Delta R.T. -0.040 min
Lab File: BG048558.D
Acq: 2 Apr 2021 00:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.4	20.4	30.6#
138	11.3	8.1	12.1

Instrument :
BNA_G
ClientSampleId :
RO-124035

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