

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050555.D
 Acq On : 12 Oct 2021 16:25
 Operator : CG/JU
 Sample : M4112-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-WALL

Manual Integrations
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mohammad
 10/14/2021 10:53:53 AM

Quant Time: Oct 12 17:33:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	47471	20.00	ng	0.00
21) Naphthalene-d8	11.084	136	206694	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	135895	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	274482	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	237928	20.00	ng	# 0.00
86) Perylene-d12	25.332	264	239053	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	231916	73.06	ng	0.00
7) Phenol-d6	7.400	99	334378	72.76	ng	0.00
23) Nitrobenzene-d5	9.427	82	231038	46.27	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	82931	63.98	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	417329	46.22	ng	0.00
79) Terphenyl-d14	20.209	244	567456	46.48	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.665	178	162386	11.23	ng	96
75) Fluoranthene	19.662	202	223230	12.56	ng	96
78) Pyrene	20.021	202	161124	9.54	ng	98
81) Benzo(a)anthracene	21.901	228	51037	3.24	ng	98
83) Chrysene	21.966	228	75397	5.09	ng	94
88) Benzo(b)fluoranthene	24.251	252	87210	5.96	ng	# 97
89) Benzo(k)fluoranthene	24.304	252	29829m	2.07	ng	
90) Benzo(a)pyrene	25.174	252	51875	4.17	ng	# 96
92) Benzo(g,h,i)perylene	30.479	276	30377m	2.25	ng	

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

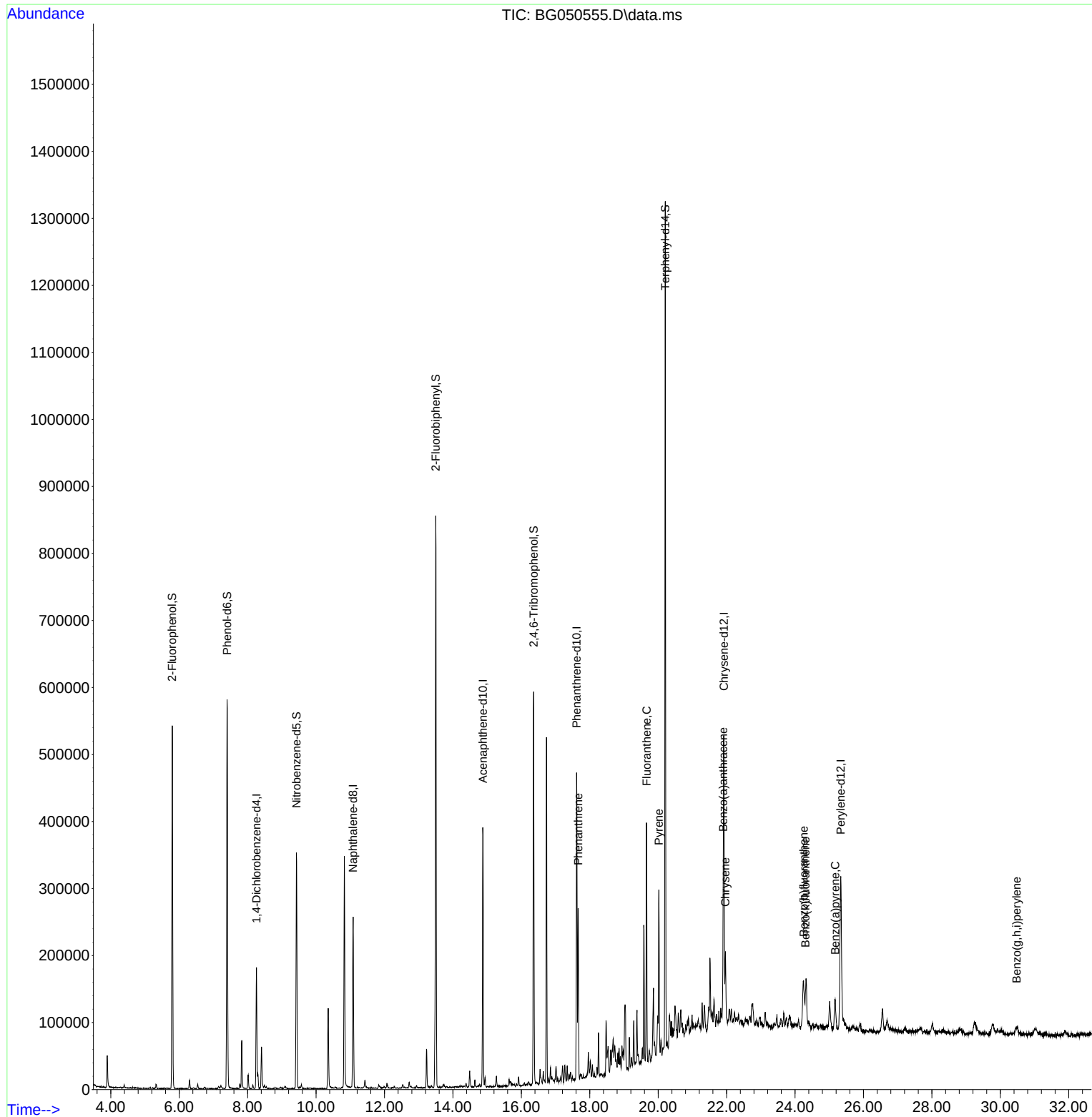
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
Data File : BG050555.D
Acq On : 12 Oct 2021 16:25
Operator : CG/JU
Sample : M4112-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

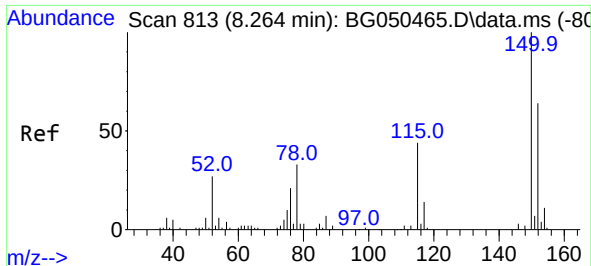
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Oct 12 17:33:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration





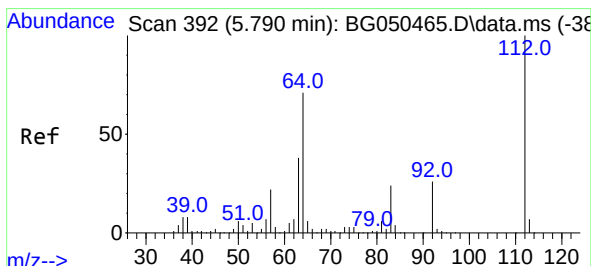
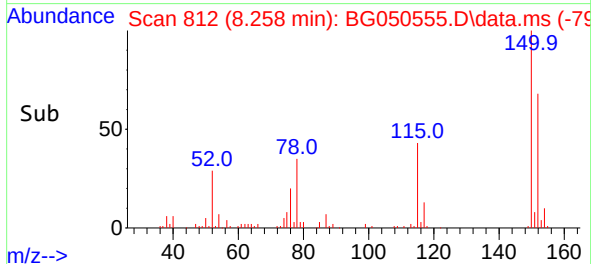
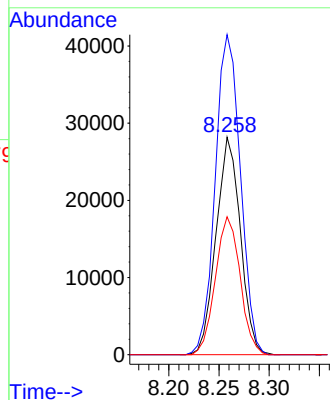
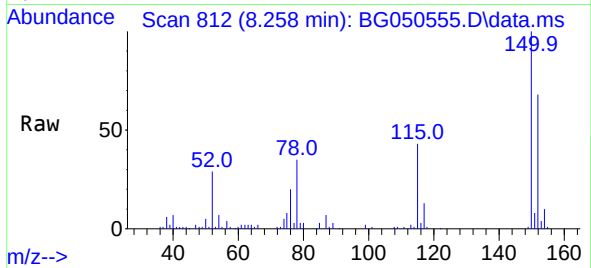
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:152 Resp: 47471
Ion Ratio Lower Upper
152 100
150 147.2 119.4 179.0
115 63.5 60.2 90.4

Instrument :
BNA_G
ClientSampled :
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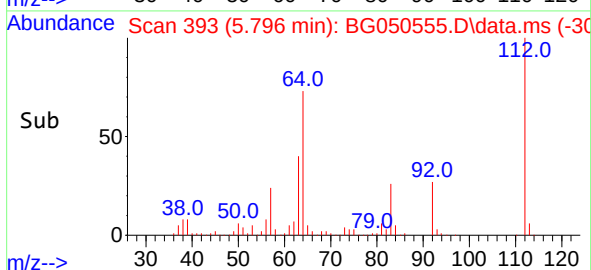
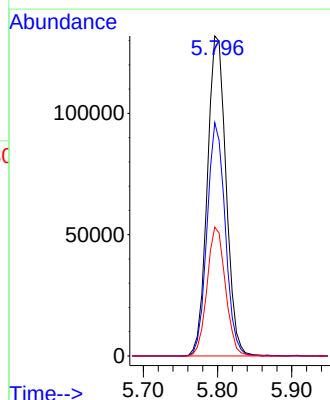
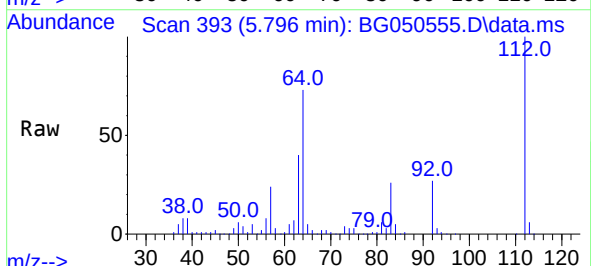
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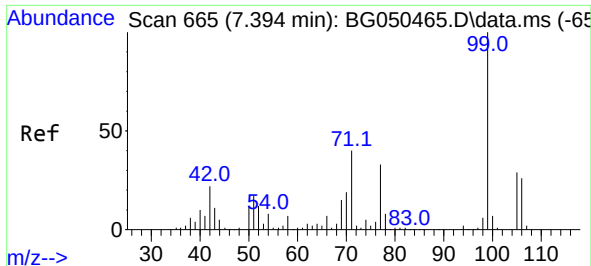
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#5
2-Fluorophenol
Concen: 73.06 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:112 Resp: 231916
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 40.3 35.3 52.9





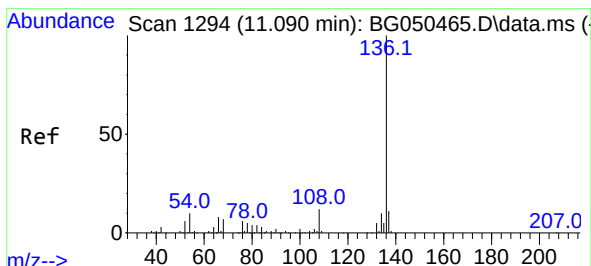
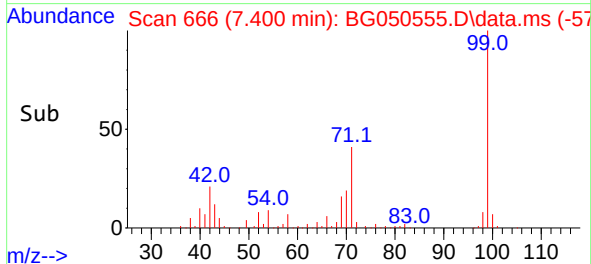
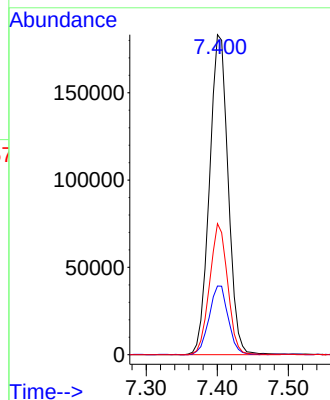
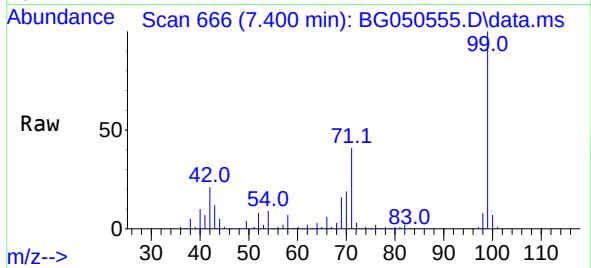
#7
Phenol-d6
Concen: 72.76 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion: 99 Resp: 334378
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 41.0 41.5 62.3#

Instrument :
BNA_G
ClientSampled :
CON-WALL

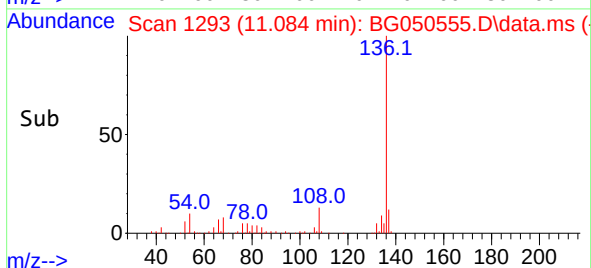
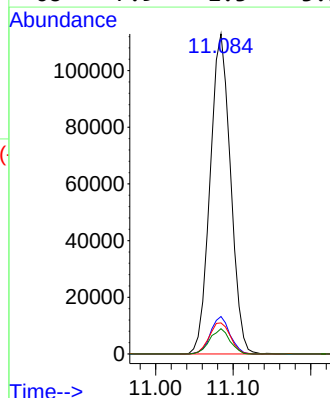
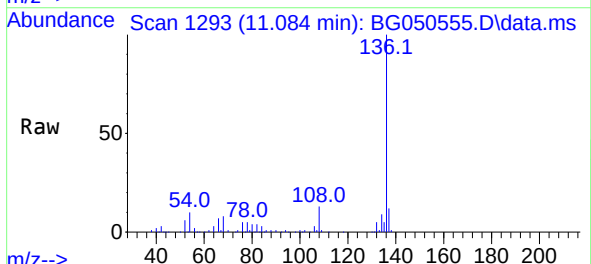
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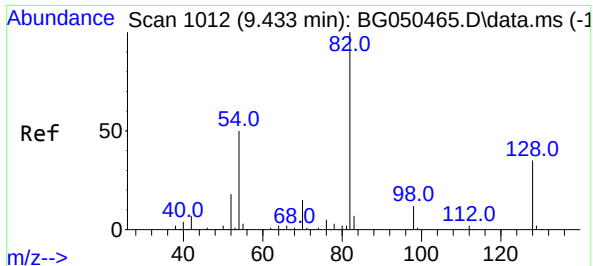
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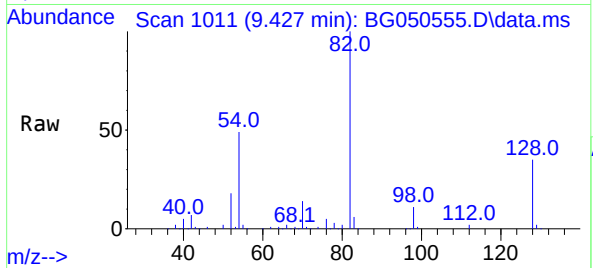
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion: 136 Resp: 206694
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 9.7 5.5 8.3#
68 7.9 2.3 3.5#

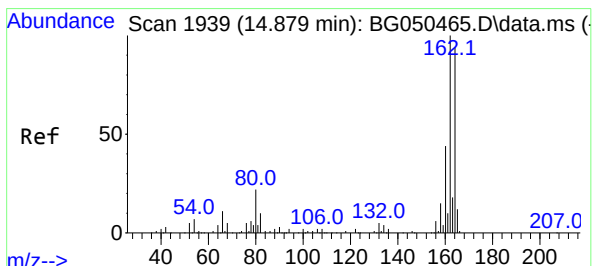
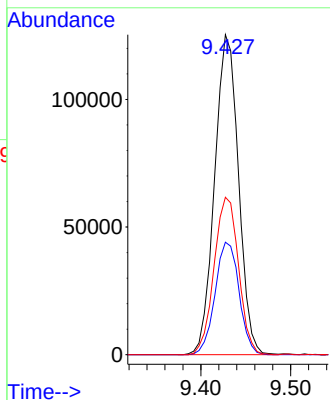
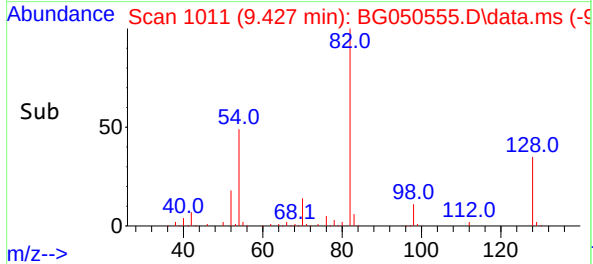




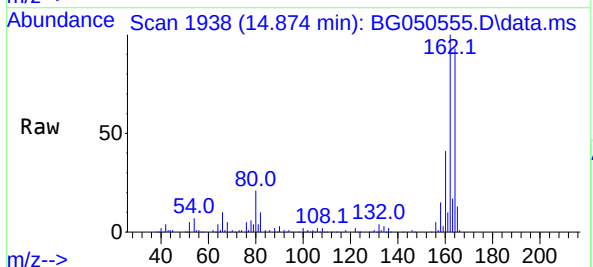
#23
Nitrobenzene-d5
Concen: 46.27 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



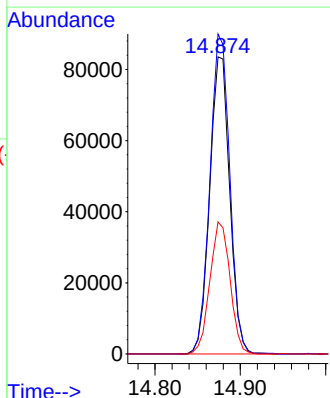
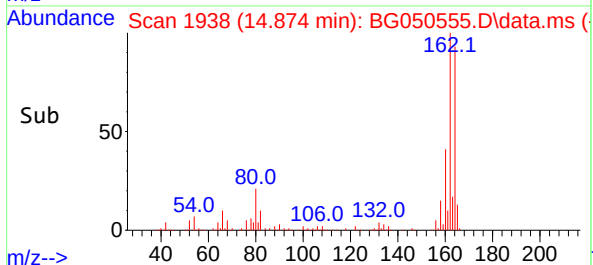
Tgt Ion: 82 Resp: 231038
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 49.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



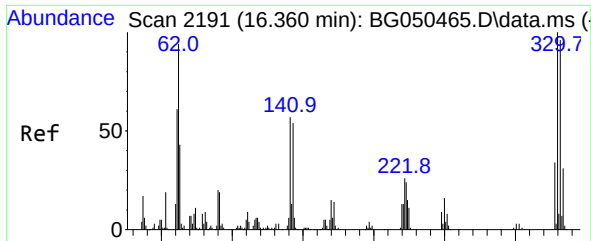
Tgt Ion: 164 Resp: 135895
Ion Ratio Lower Upper
164 100
162 107.7 81.4 122.0
160 44.4 34.9 52.3



Instrument :
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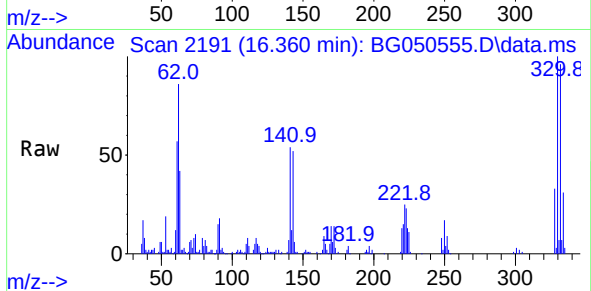
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#42
2,4,6-Tribromophenol
Concen: 63.98 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

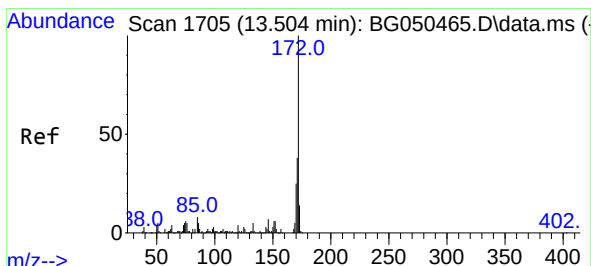
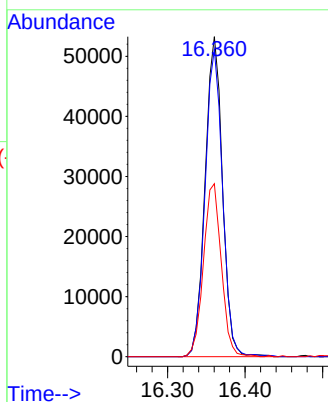
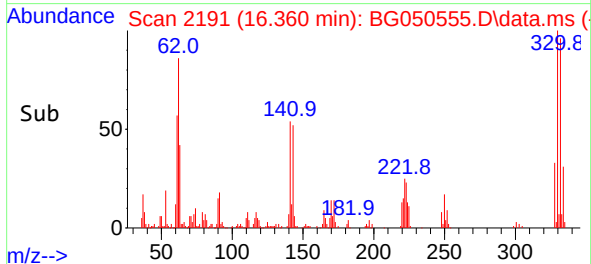
Instrument :
BNA_G
ClientSampled :
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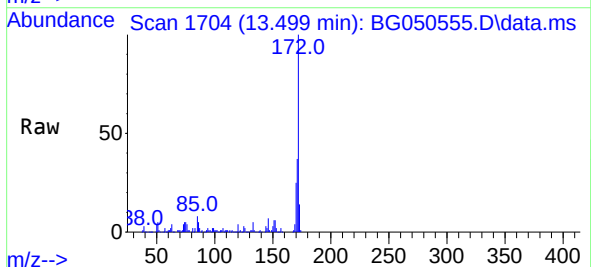
Tgt Ion:330 Resp: 82931
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 55.5 35.6 53.4#

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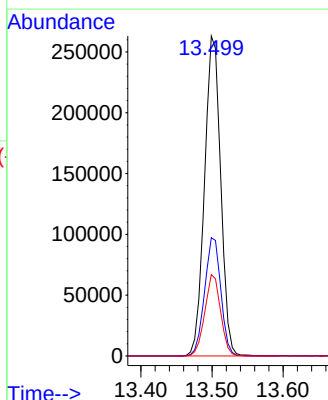
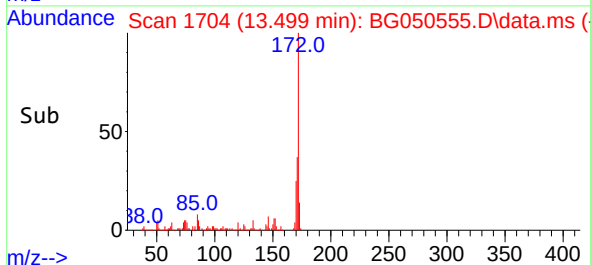
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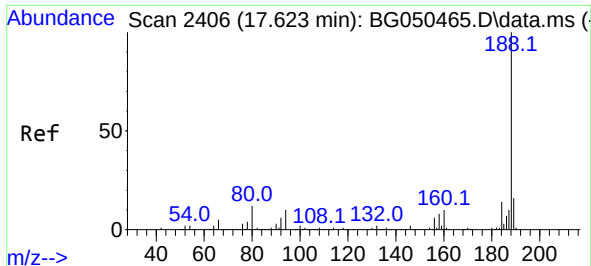


#45
2-Fluorobiphenyl
Concen: 46.22 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



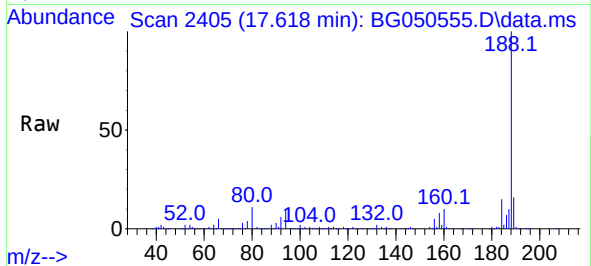
Tgt Ion:172 Resp: 417329
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 25.5 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

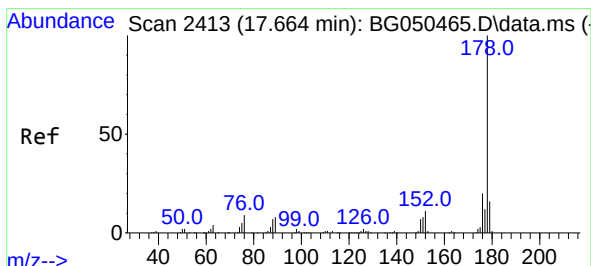
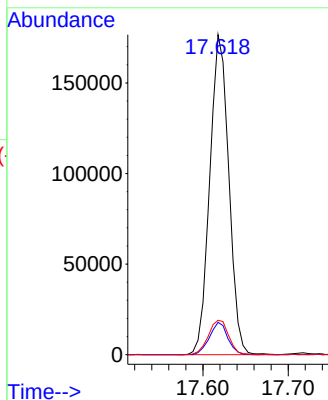
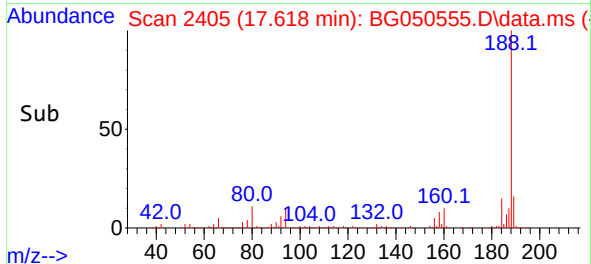
Instrument :
BNA_G
ClientSampleId :
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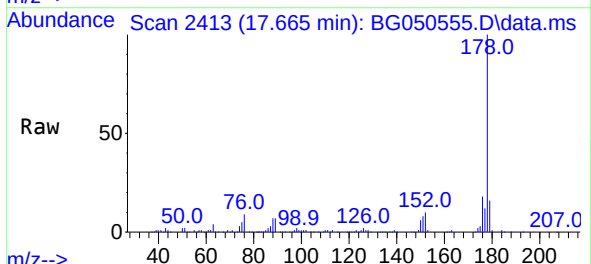
Tgt Ion:188 Resp: 274482
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 10.8 3.7 5.5#

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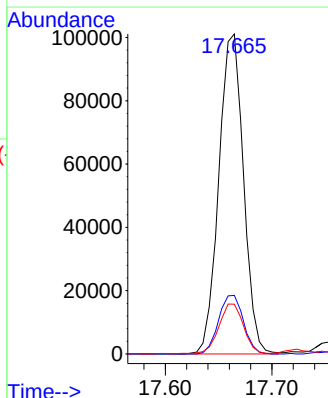
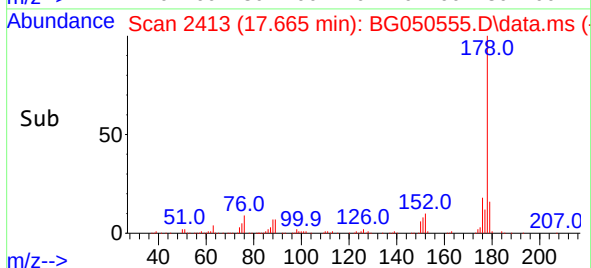
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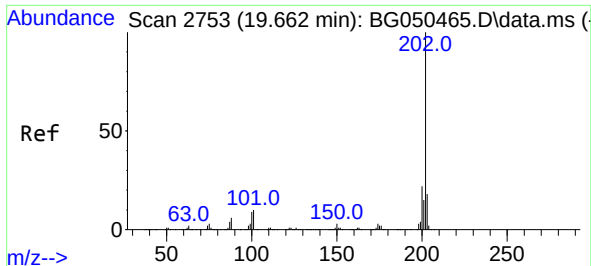


#71
Phenanthrene
Concen: 11.23 ng
RT: 17.665 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

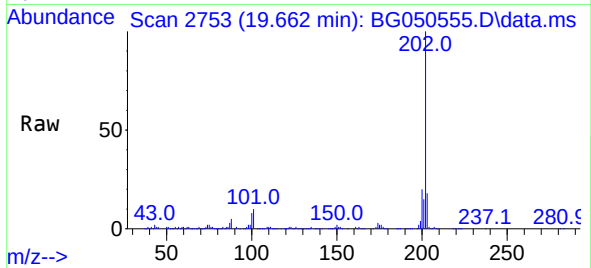


Tgt Ion:178 Resp: 162386
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 15.5 14.2 21.4

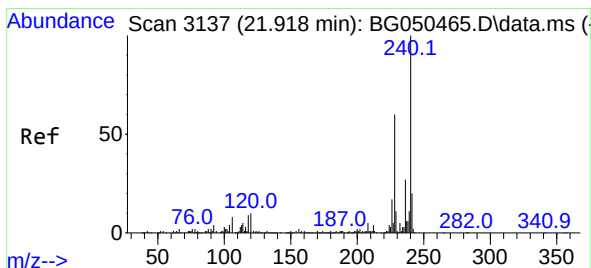
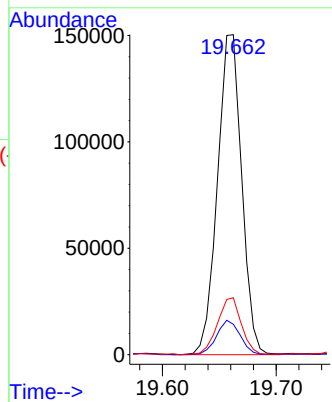
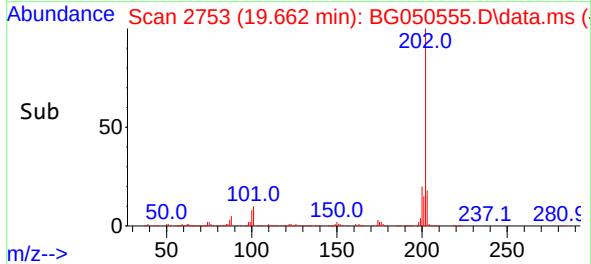




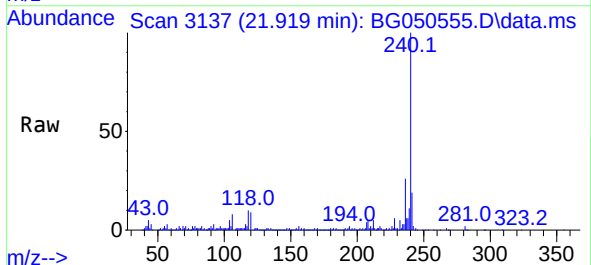
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Fluoranthene
Concen: 12.56 ng
RT: 19.662 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



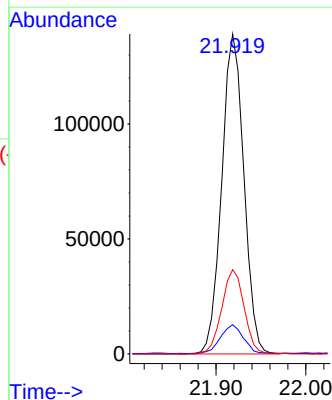
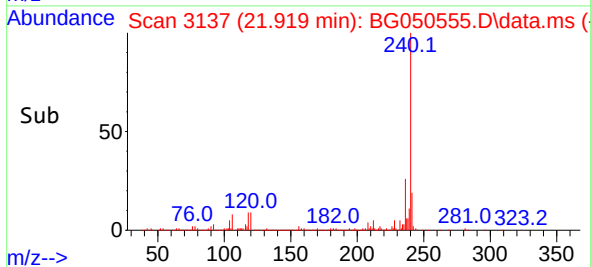
Tgt Ion:202 Resp: 223230
Ion Ratio Lower Upper
202 100
101 9.5 0.0 24.7
203 17.8 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



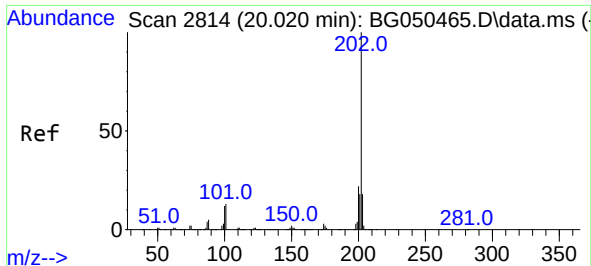
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Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.4 21.8 32.6



Instrument :
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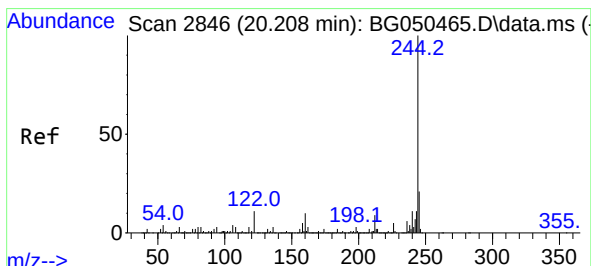
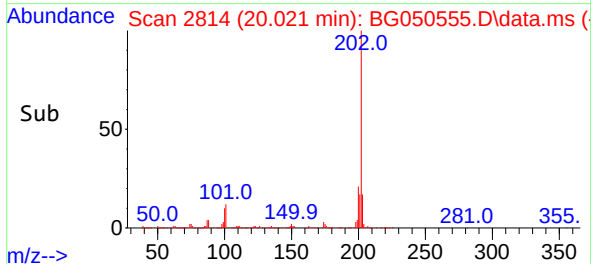
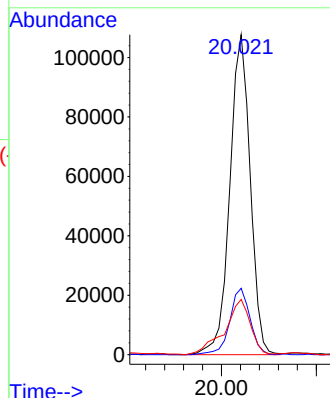
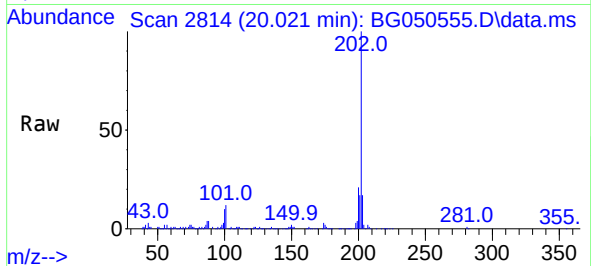
#78
Pyrene
Concen: 9.54 ng
RT: 20.021 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:202 Resp: 161124
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 17.2 14.6 21.8

Instrument :
BNA_G
ClientSampled :
CON-WALL

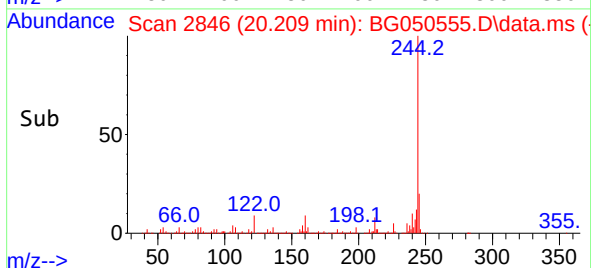
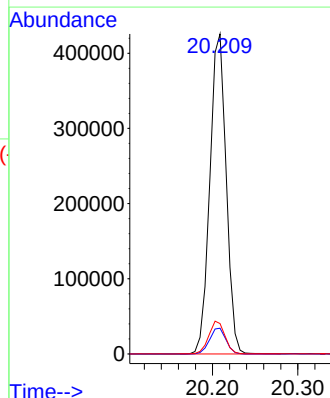
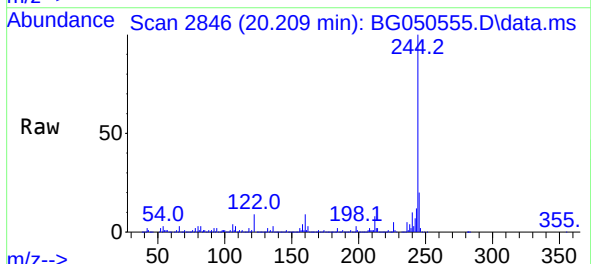
Manual Integrations
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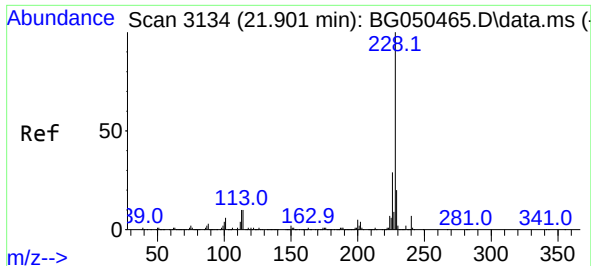
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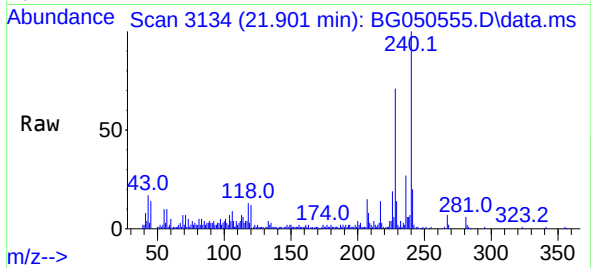
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Terphenyl-d14
Concen: 46.48 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:244 Resp: 567456
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 9.5 5.0 7.6#

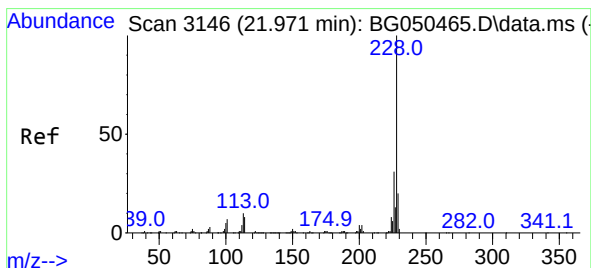
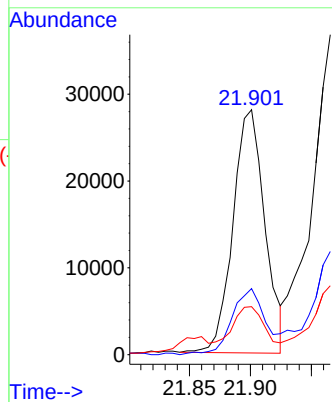
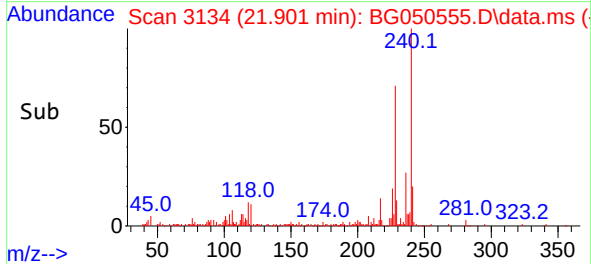




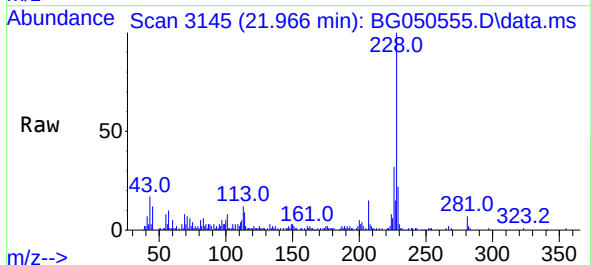
#81
Benzo(a)anthracene
Concen: 3.24 ng
RT: 21.901 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



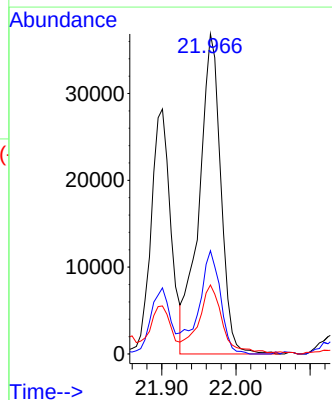
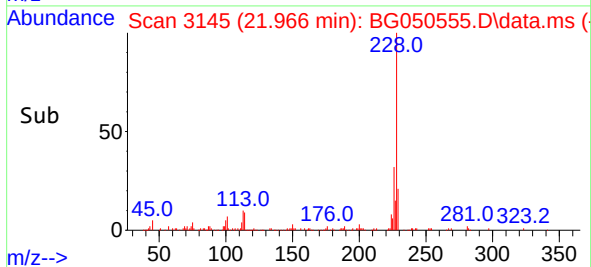
Tgt Ion:228 Resp: 51037
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 19.6 16.0 24.0



#83
Chrysene
Concen: 5.09 ng
RT: 21.966 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25



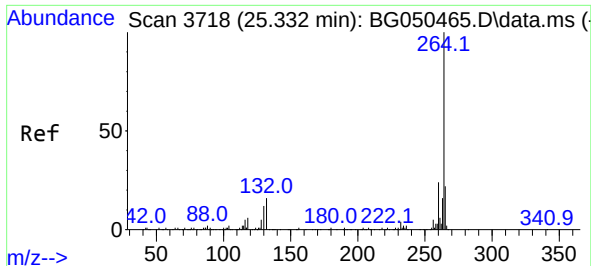
Tgt Ion:228 Resp: 75397
Ion Ratio Lower Upper
228 100
226 32.3 23.1 34.7
229 21.5 15.3 22.9



Instrument :
BNA_G
ClientSampleId :
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.332 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

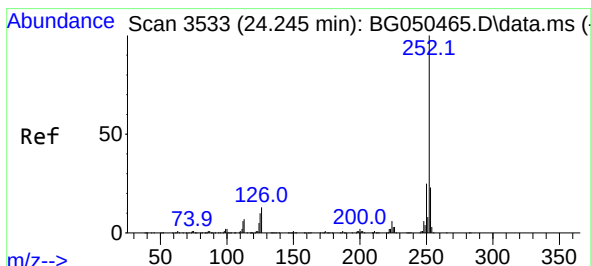
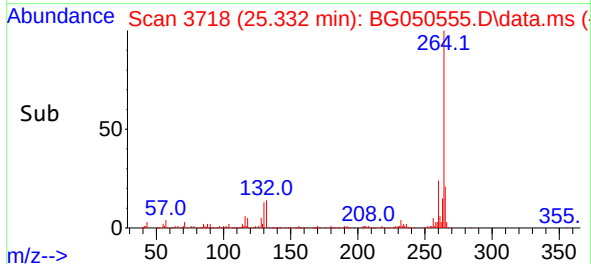
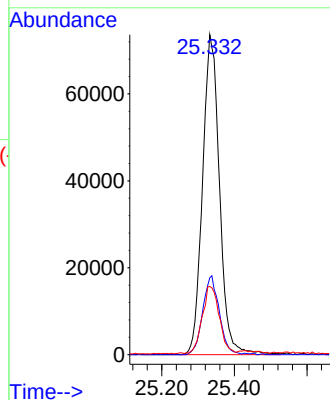
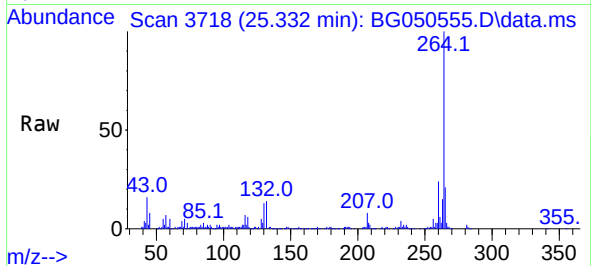
Tgt Ion:264 Resp: 239053

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
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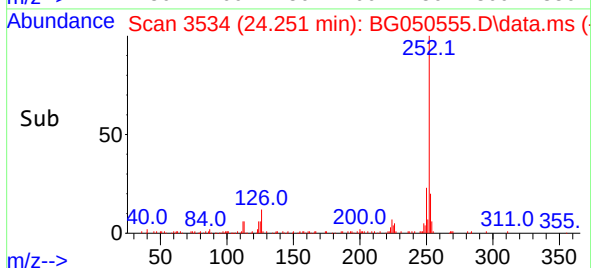
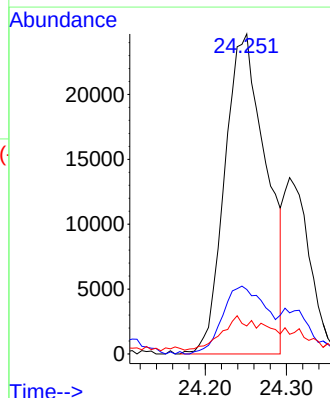
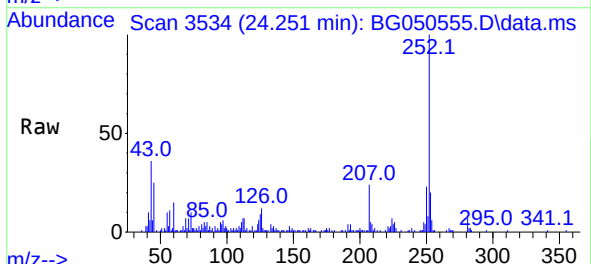
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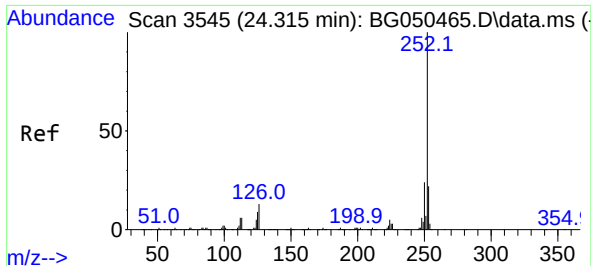


#88
Benzo(b)fluoranthene
Concen: 5.96 ng
RT: 24.251 min Scan# 3534
Delta R.T. 0.006 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:252 Resp: 87210

Ion	Ratio	Lower	Upper
252	100		
253	20.2	16.2	24.4
125	8.8	3.0	4.4





#89

Benzo(k)fluoranthene

Concen: 2.07 ng m

RT: 24.304 min Scan# 3543

Delta R.T. -0.011 min

Lab File: BG050555.D

Acq: 12 Oct 2021 16:25

Tgt Ion:	252	Resp:	29829
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	11.1	3.1	4.7#

Instrument :

BNA_G

ClientSampled :

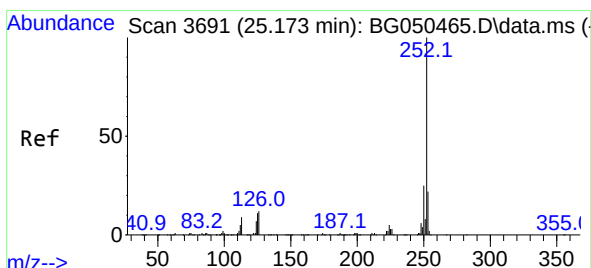
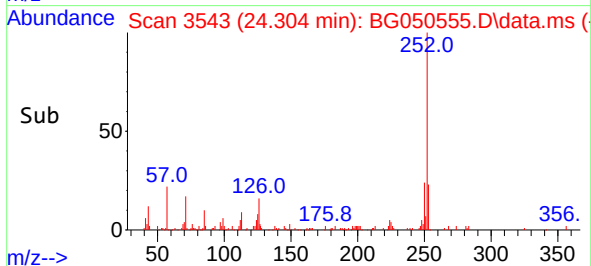
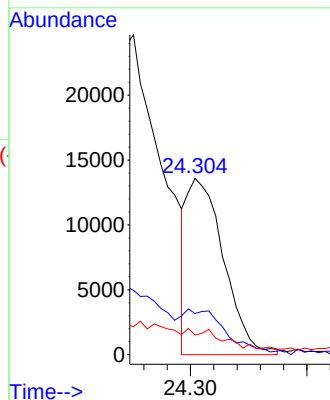
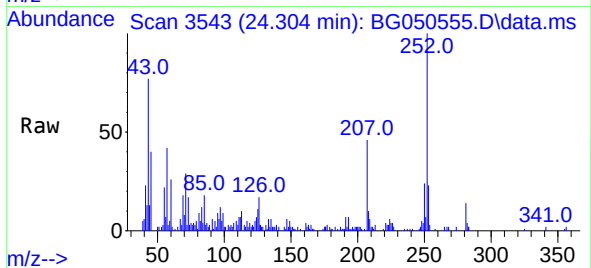
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#90

Benzo(a)pyrene

Concen: 4.17 ng

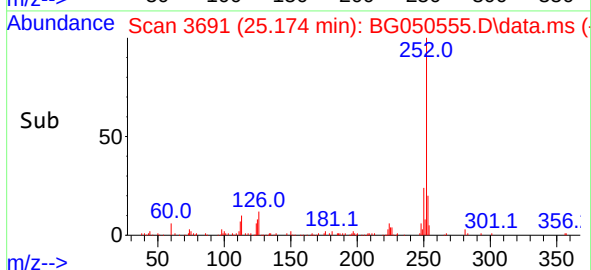
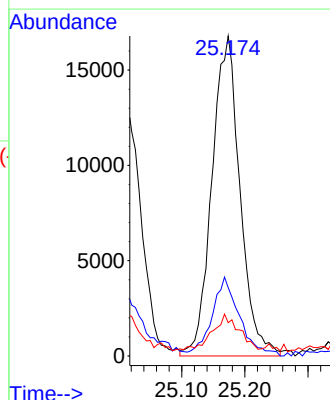
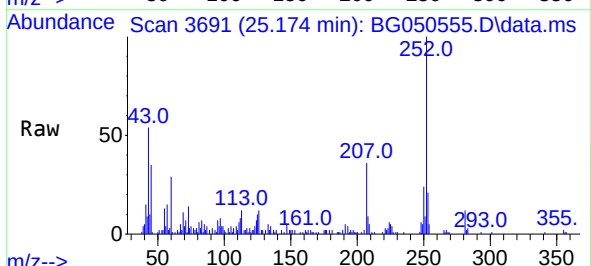
RT: 25.174 min Scan# 3691

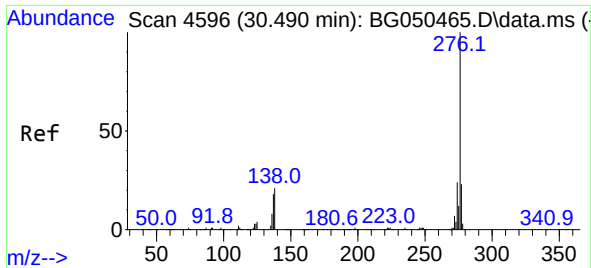
Delta R.T. 0.000 min

Lab File: BG050555.D

Acq: 12 Oct 2021 16:25

Tgt Ion:	252	Resp:	51875
Ion Ratio	Lower	Upper	
252	100		
253	21.3	16.6	25.0
125	10.4	3.5	5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.25 ng m
RT: 30.479 min Scan# 4594
Delta R.T. -0.011 min
Lab File: BG050555.D
Acq: 12 Oct 2021 16:25

Tgt Ion:	276	Resp:	30377
Ion	Ratio	Lower	Upper
276	100		
277	29.3	18.4	27.6#
138	21.8	7.0	10.6#

Instrument :
BNA_G
ClientSampleId :
CON-WALL

Manual Integrations
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