

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050528.D
 Acq On : 9 Oct 2021 3:56
 Operator : CG/JU
 Sample : M4113-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Manual Integrations
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 10/11/2021 2:10:39 PM

Quant Time: Oct 09 04:52:41 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	8.259	152	68858	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	305782	20.00	ng	# 0.00
39) Acenaphthene-d10	14.875	164	192202	20.00	ng	0.00
64) Phenanthrene-d10	17.619	188	394022	20.00	ng	# 0.00
76) Chrysene-d12	21.920	240	333096	20.00	ng	# 0.00
86) Perylene-d12	25.339	264	332663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	319790	69.46	ng	0.00
7) Phenol-d6	7.396	99	448077	67.22	ng	0.00
23) Nitrobenzene-d5	9.429	82	323660	43.82	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	116533	63.57	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	568323	44.50	ng	0.00
79) Terphenyl-d14	20.210	244	719880	42.12	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.666	178	211313	10.18	ng	96
75) Fluoranthene	19.658	202	358913	14.06	ng	96
78) Pyrene	20.022	202	276082	11.68	ng	99
81) Benzo(a)anthracene	21.902	228	124104	5.63	ng	99
83) Chrysene	21.973	228	127067	6.13	ng	95
87) Indeno(1,2,3-cd)pyrene	29.252	276	61309	2.65	ng	# 79
88) Benzo(b)fluoranthene	24.247	252	150442	7.38	ng	# 91
89) Benzo(k)fluoranthene	24.305	252	52225m	2.61	ng	
90) Benzo(a)pyrene	25.169	252	98673	5.70	ng	# 93
92) Benzo(g,h,i)perylene	30.486	276	57086m	3.04	ng	

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

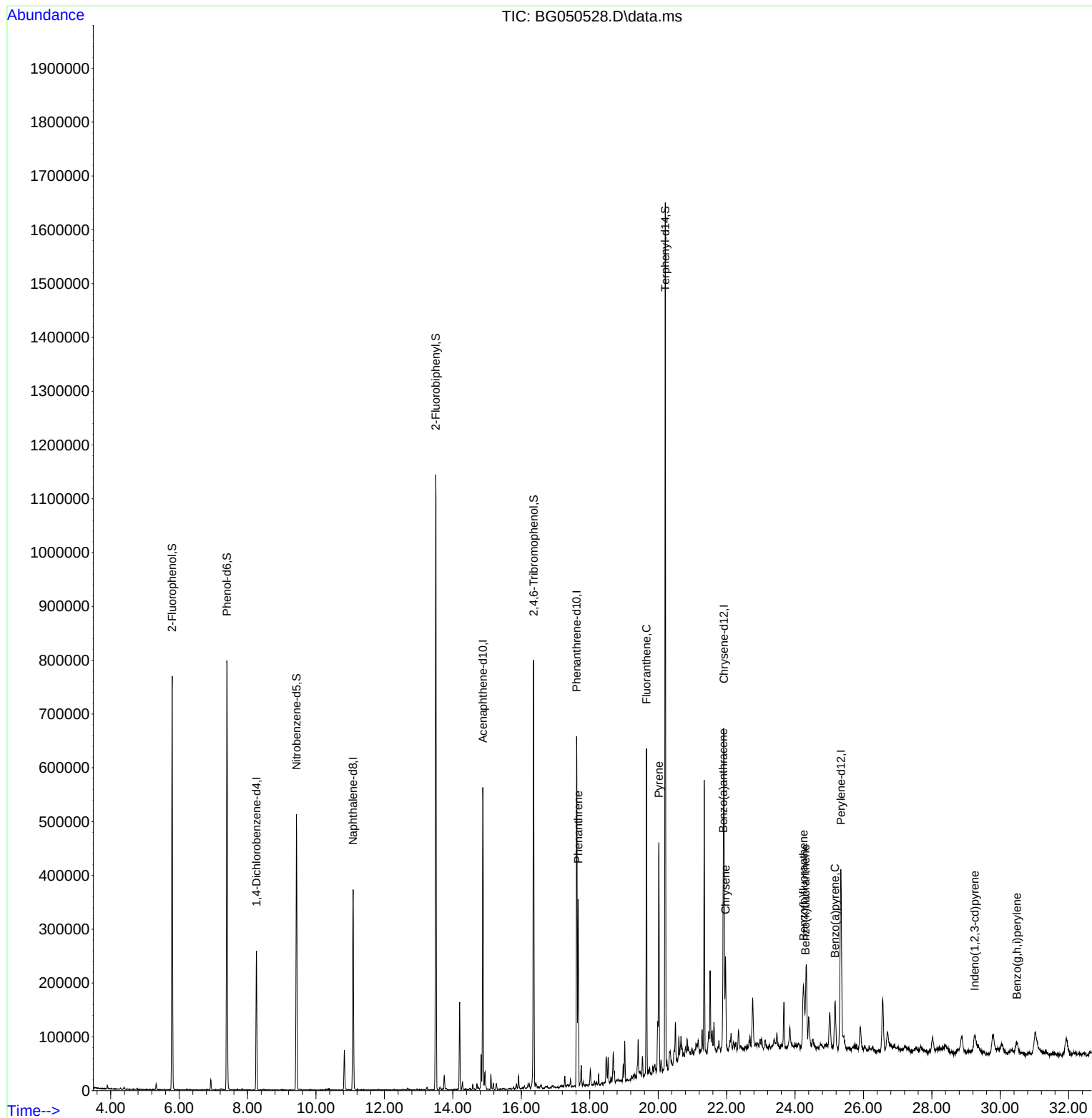
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050528.D
Acq On : 9 Oct 2021 3:56
Operator : CG/JU
Sample : M4113-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

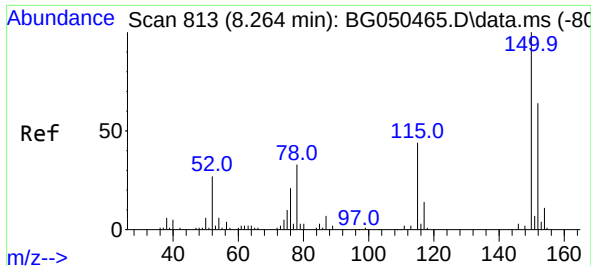
Instrument :
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ClientSampleId :
TP-3

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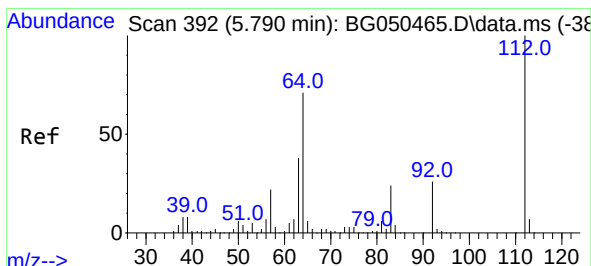
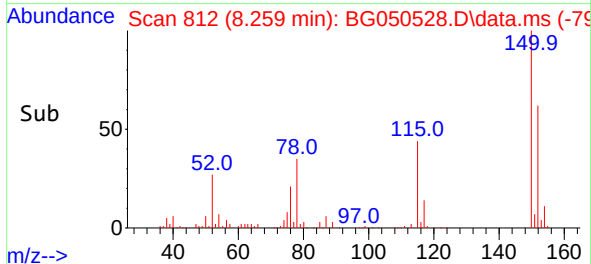
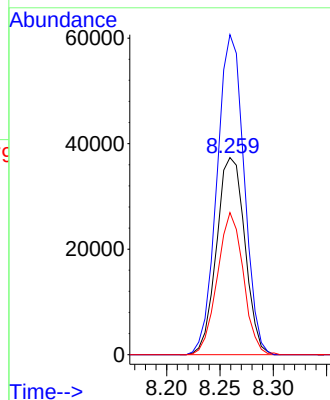
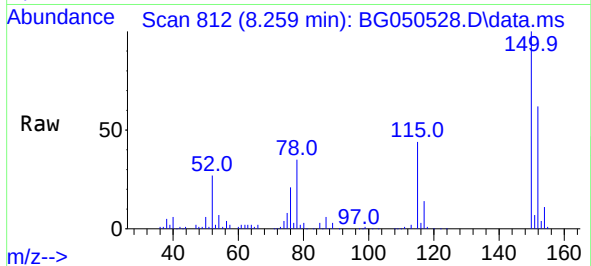
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

Tgt Ion:152 Resp: 68858
Ion Ratio Lower Upper
152 100
150 162.3 119.4 179.0
115 72.0 60.2 90.4

Instrument :
BNA_G
ClientSampled :
TP-3

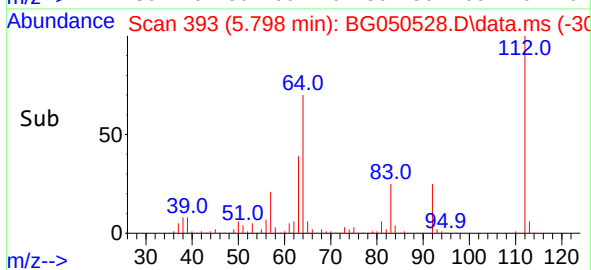
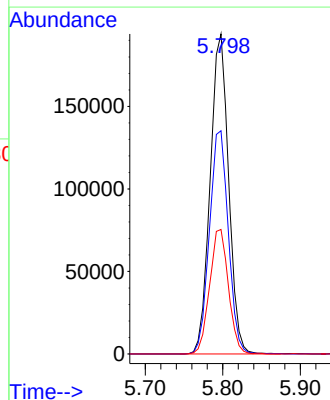
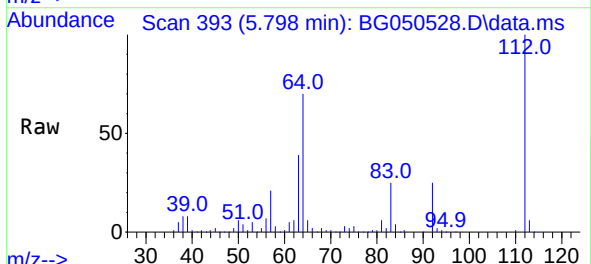
Manual Integrations
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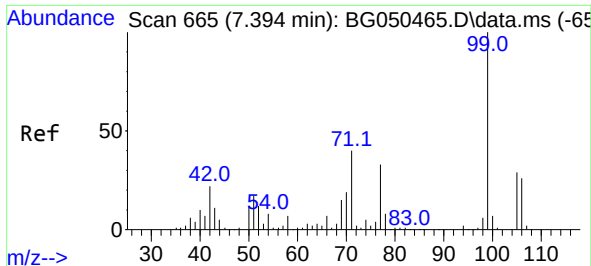
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#5
2-Fluorophenol
Concen: 69.46 ng
RT: 5.798 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

Tgt Ion:112 Resp: 319790
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 38.9 35.3 52.9





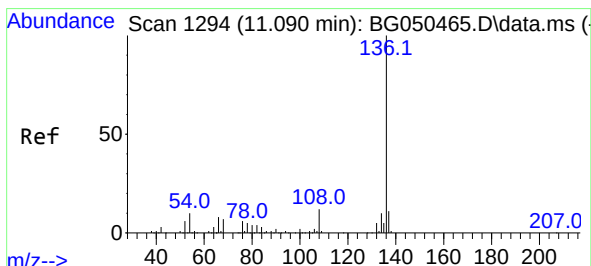
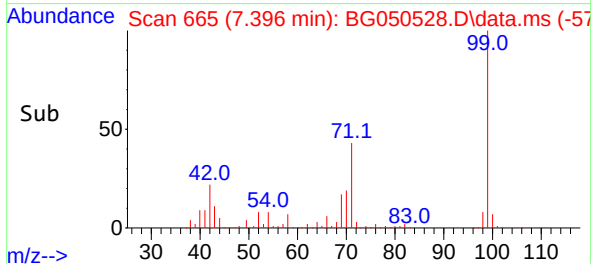
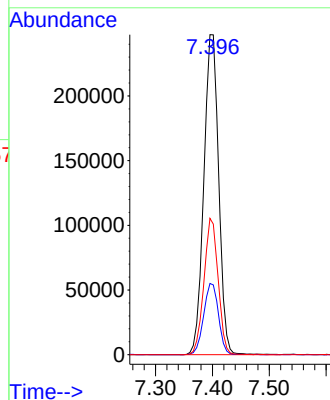
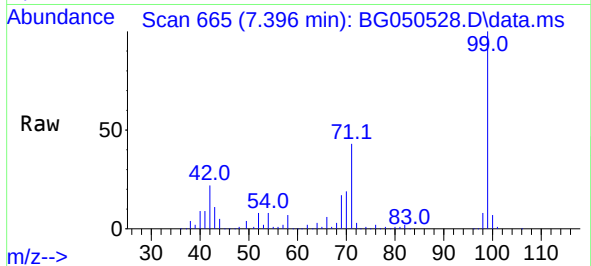
#7
Phenol-d6
Concen: 67.22 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

Tgt Ion:	99	Resp:	448077
Ion	Ratio	Lower	Upper
99	100		
42	22.2	20.5	30.7
71	42.6	41.5	62.3

Instrument :
BNA_G
ClientSampled :
TP-3

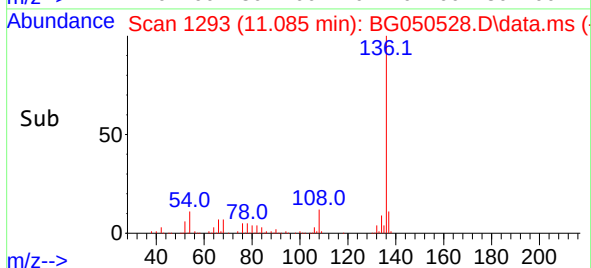
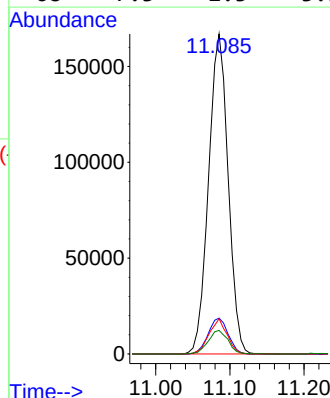
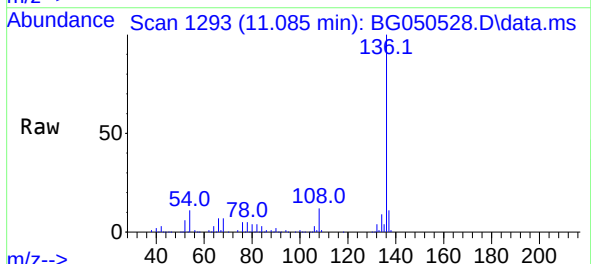
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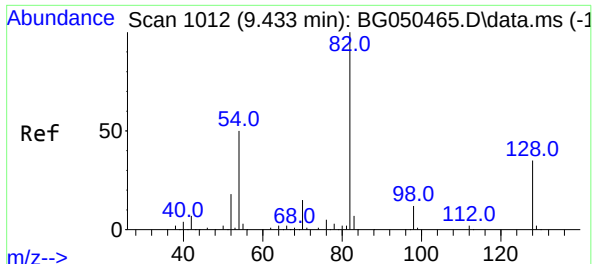
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

Tgt Ion:	136	Resp:	305782
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	11.0	5.5	8.3#
68	7.3	2.3	3.5#





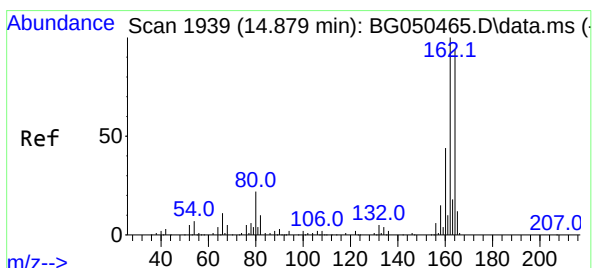
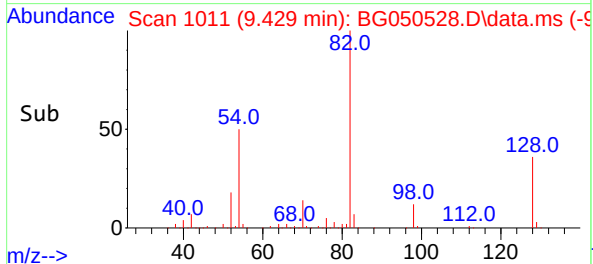
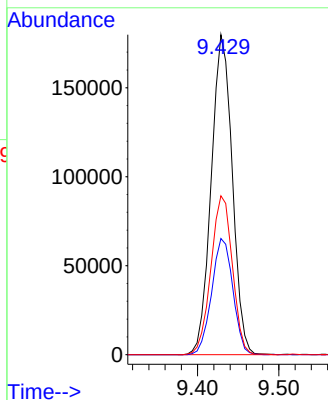
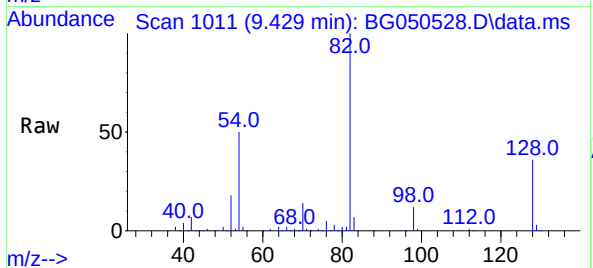
#23
Nitrobenzene-d5
Concen: 43.82 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

Tgt Ion: 82 Resp: 323660
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 49.7 45.8 68.8

Instrument :
BNA_G
ClientSampled :
TP-3

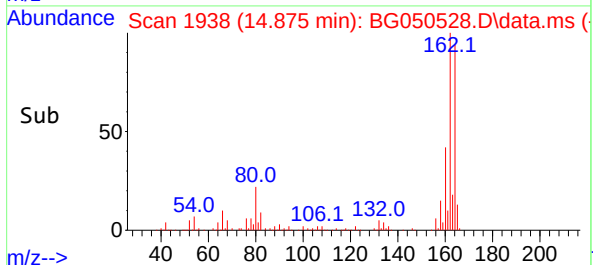
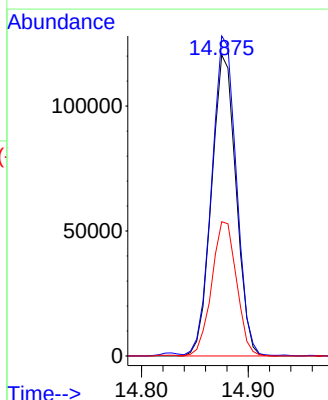
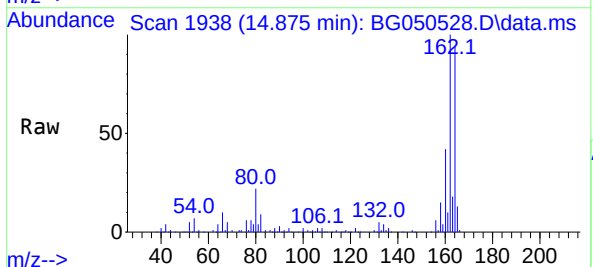
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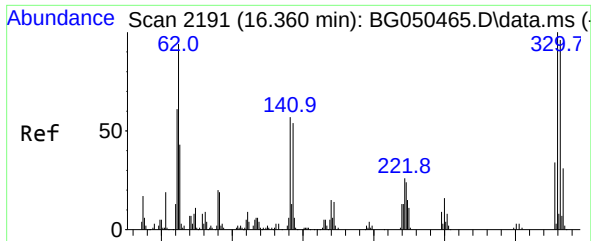
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

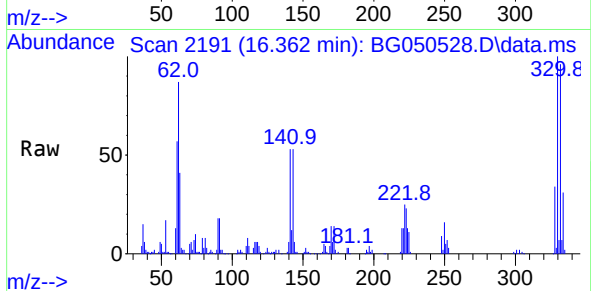
Tgt Ion:164 Resp: 192202
Ion Ratio Lower Upper
164 100
162 106.3 81.4 122.0
160 44.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 63.57 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

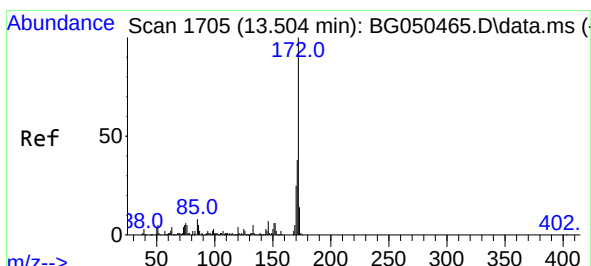
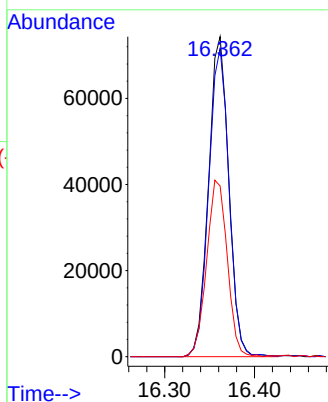
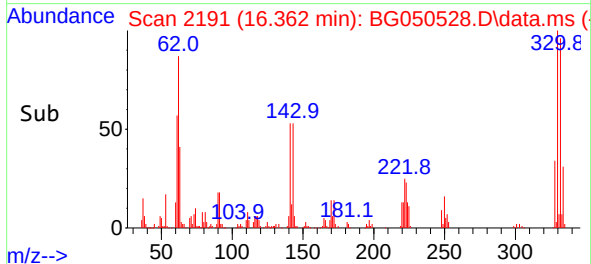
Instrument :
BNA_G
ClientSampled :
TP-3



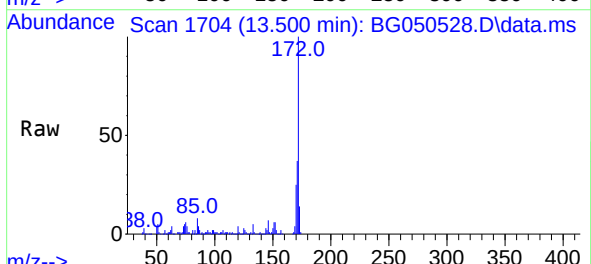
Tgt Ion:330 Resp: 116533
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 56.1 35.6 53.4#

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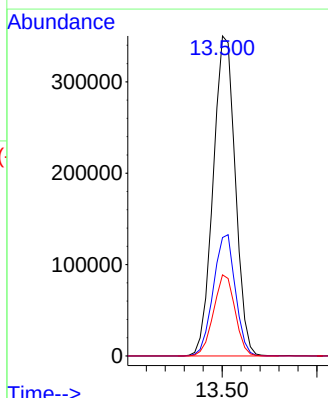
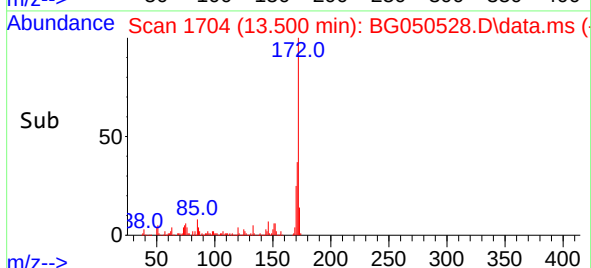
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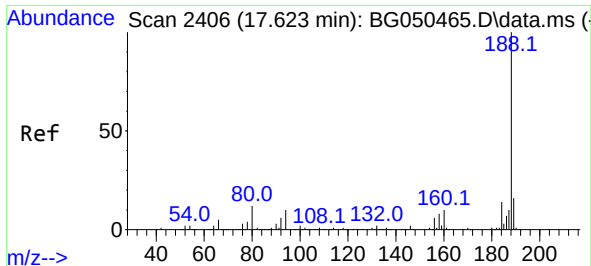


#45
2-Fluorobiphenyl
Concen: 44.50 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



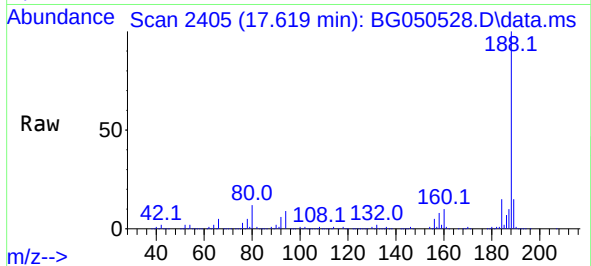
Tgt Ion:172 Resp: 568323
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 25.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

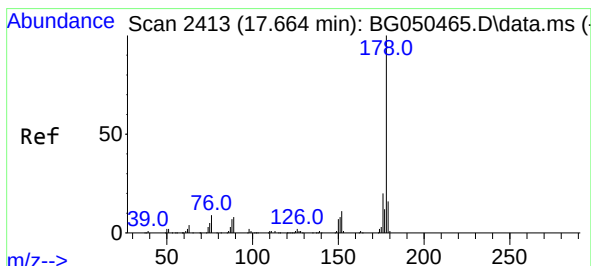
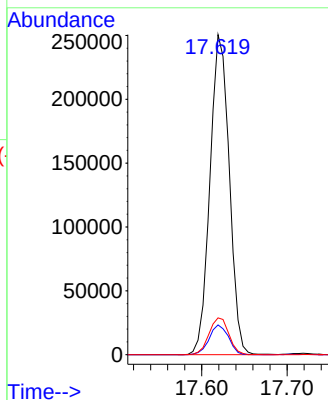
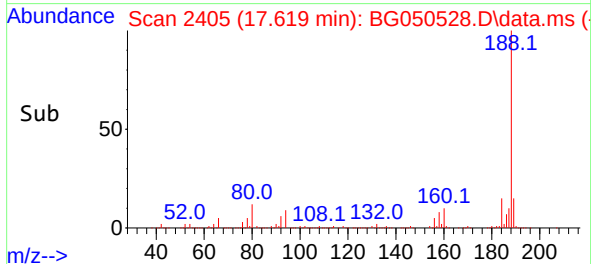
Instrument :
BNA_G
ClientSampled :
TP-3



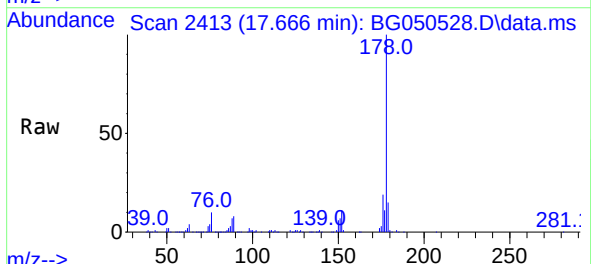
Tgt Ion:188 Resp: 394022
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.5 3.7 5.5#

Manual Integrations
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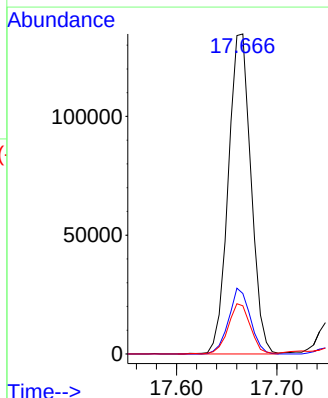
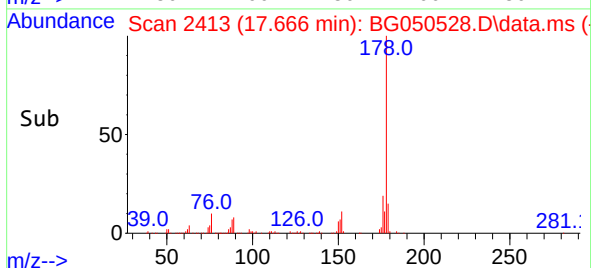
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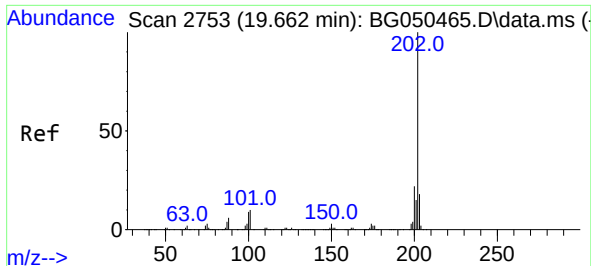


#71
Phenanthrene
Concen: 10.18 ng
RT: 17.666 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

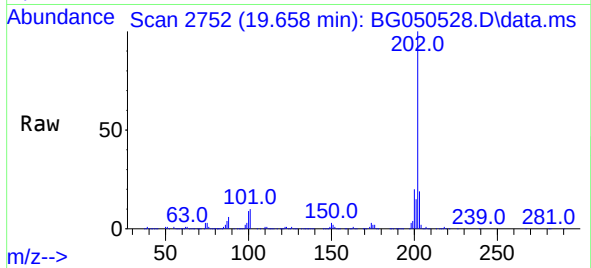


Tgt Ion:178 Resp: 211313
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.1 14.2 21.4

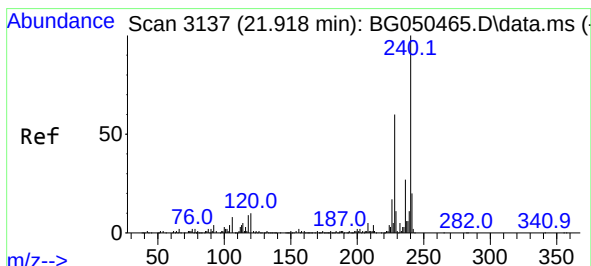
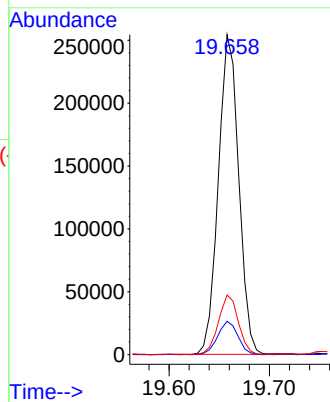
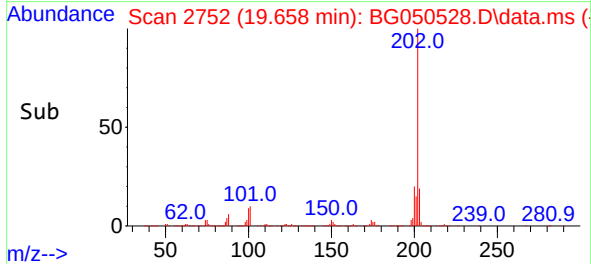




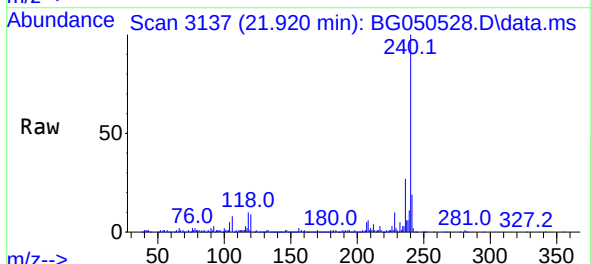
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Fluoranthene
Concen: 14.06 ng
RT: 19.658 min Scan# 2752
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



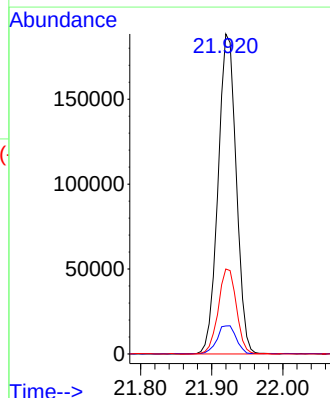
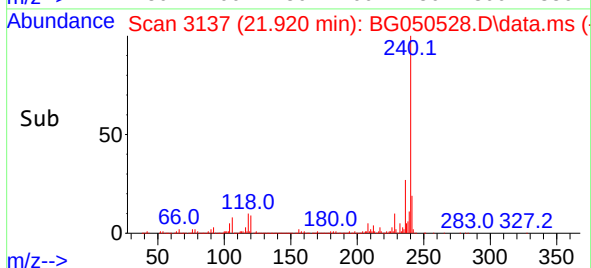
Tgt Ion:202 Resp: 358913
Ion Ratio Lower Upper
202 100
101 10.5 0.0 24.7
203 18.7 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



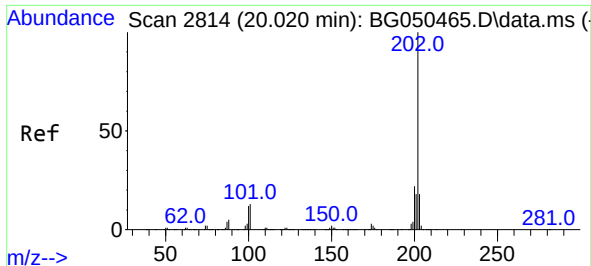
Tgt Ion:240 Resp: 333096
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 26.5 21.8 32.6



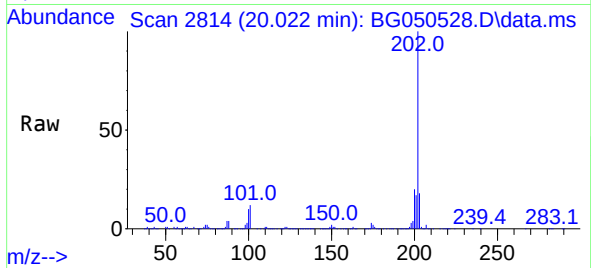
Instrument :
BNA_G
ClientSampled :
TP-3

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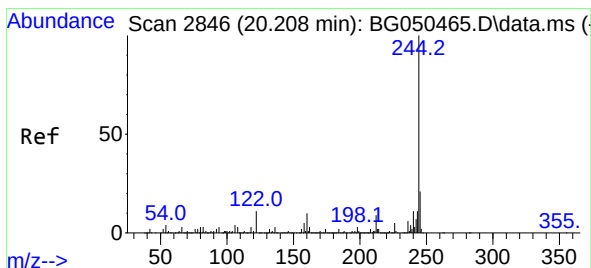
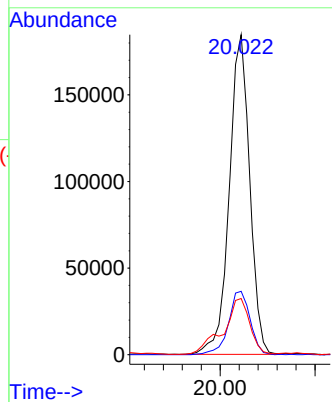
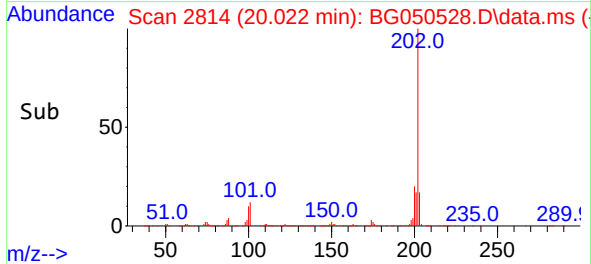
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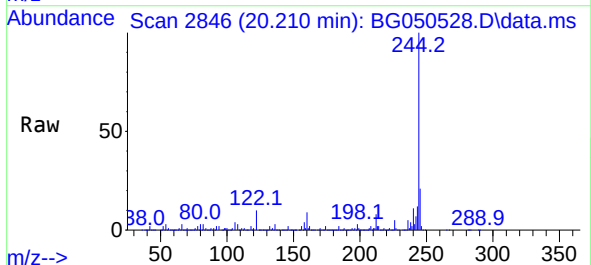
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Pyrene
Concen: 11.68 ng
RT: 20.022 min Scan# 2814
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



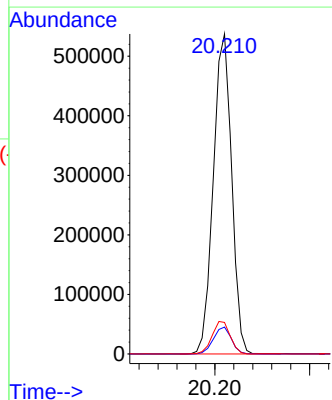
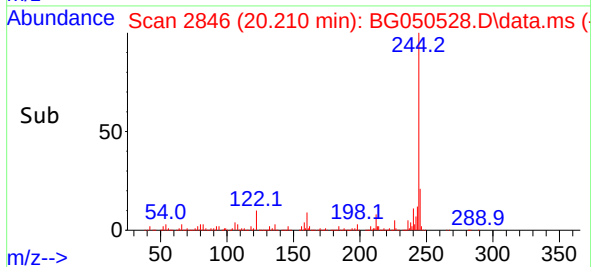
Tgt Ion:202 Resp: 276082
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.5 14.6 21.8



#79
Terphenyl-d14
Concen: 42.12 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



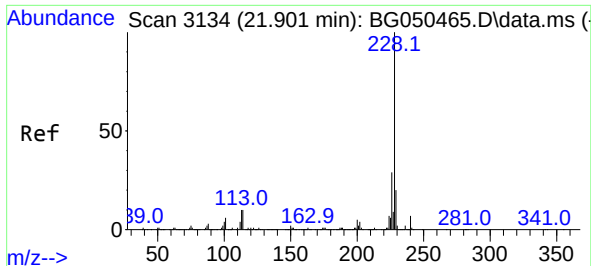
Tgt Ion:244 Resp: 719880
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 9.8 5.0 7.6#



Instrument :
BNA_G
ClientSampleId :
TP-3

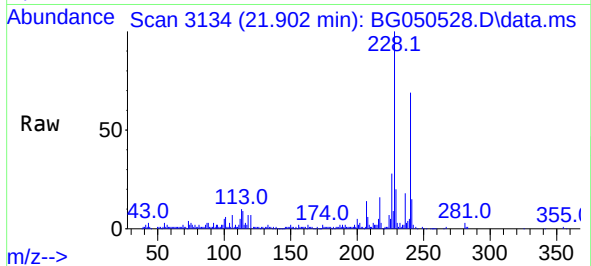
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#81
Benzo(a)anthracene
Concen: 5.63 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

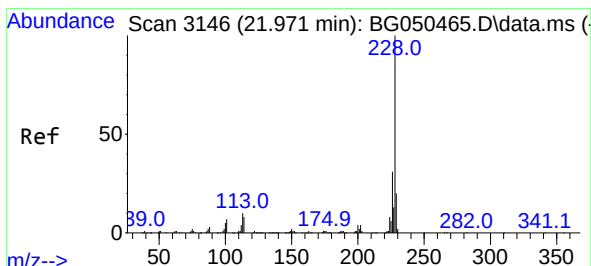
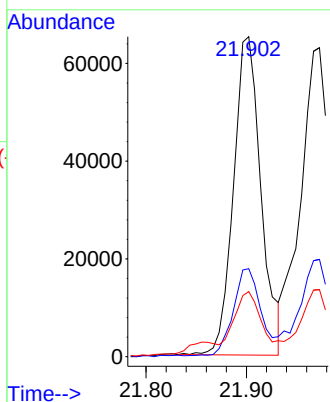
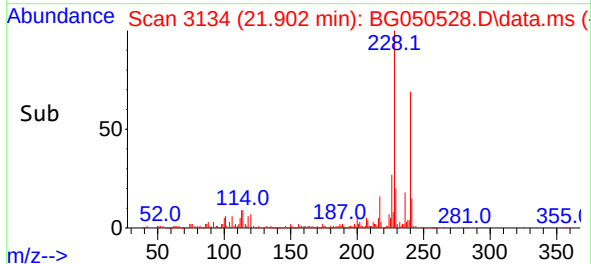
Instrument :
BNA_G
ClientSampled :
TP-3



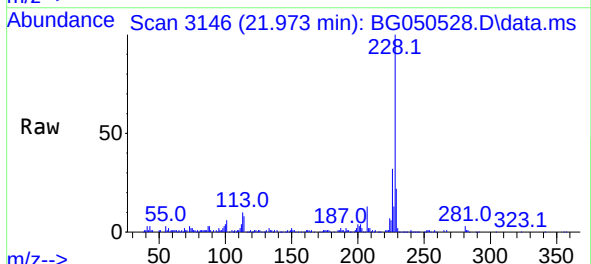
Tgt Ion:228 Resp: 124104
Ion Ratio Lower Upper
228 100
226 27.5 22.7 34.1
229 20.4 16.0 24.0

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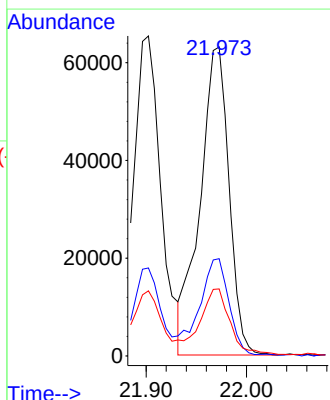
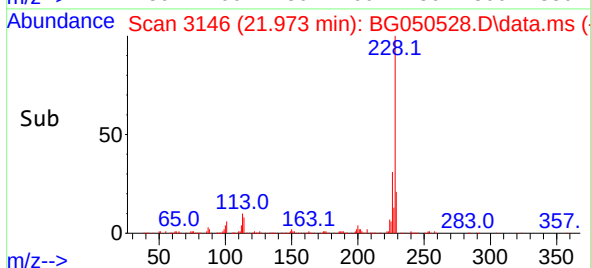
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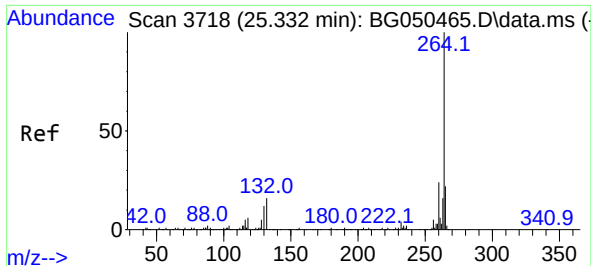


#83
Chrysene
Concen: 6.13 ng
RT: 21.973 min Scan# 3146
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



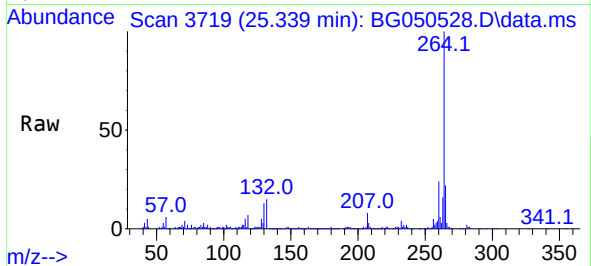
Tgt Ion:228 Resp: 127067
Ion Ratio Lower Upper
228 100
226 31.5 23.1 34.7
229 21.7 15.3 22.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.339 min Scan# 3719
Delta R.T. 0.008 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

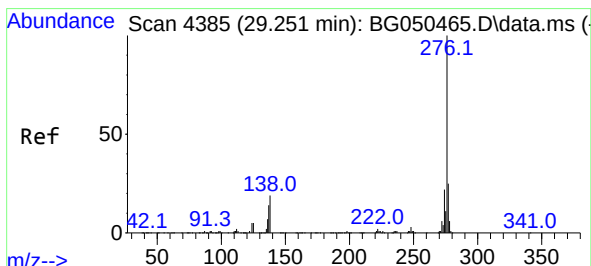
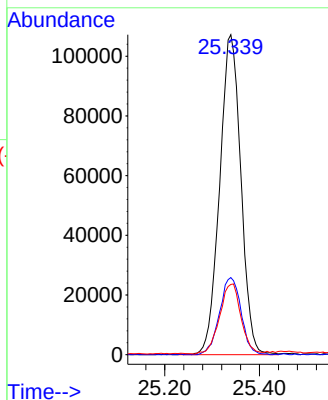
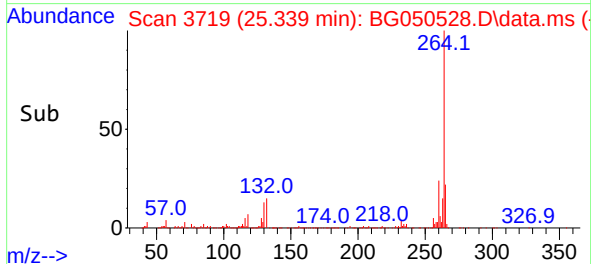
Instrument :
BNA_G
ClientSampled :
TP-3



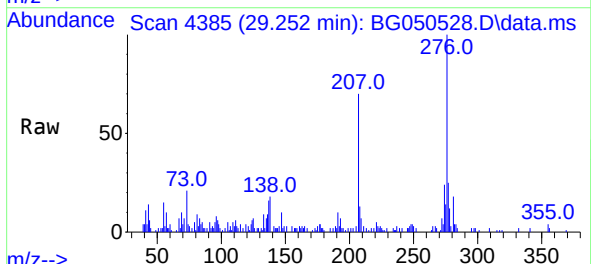
Tgt Ion:264 Resp: 332663
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.0 16.9 25.3

Manual Integrations
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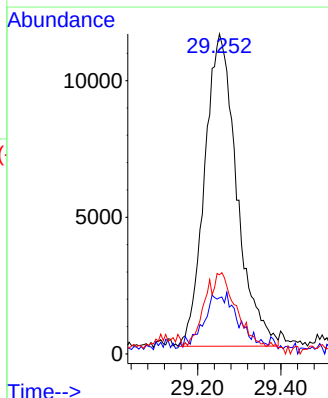
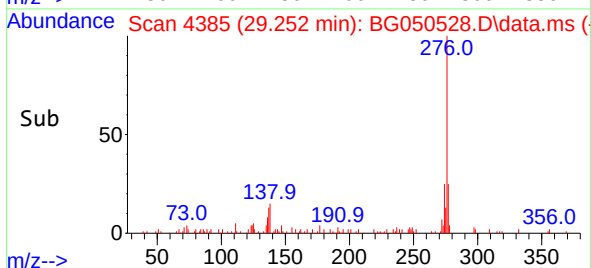
mohammad
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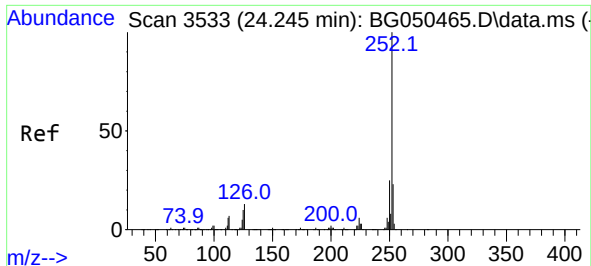


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.65 ng
RT: 29.252 min Scan# 4385
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



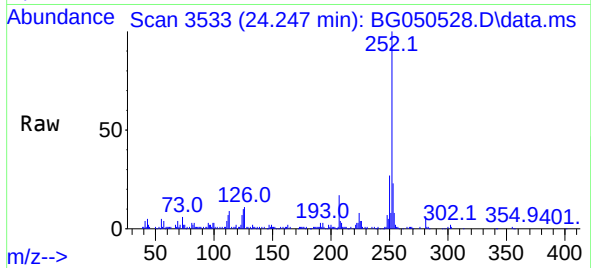
Tgt Ion:276 Resp: 61309
Ion Ratio Lower Upper
276 100
138 0.0 5.1 7.7#
277 14.2 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 7.38 ng
RT: 24.247 min Scan# 3533
Delta R.T. 0.002 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

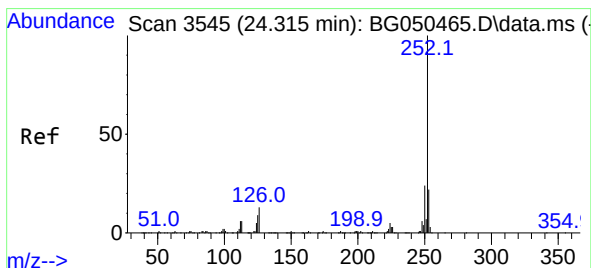
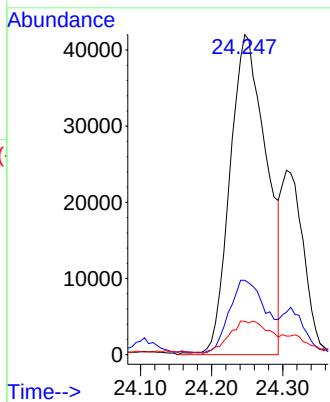
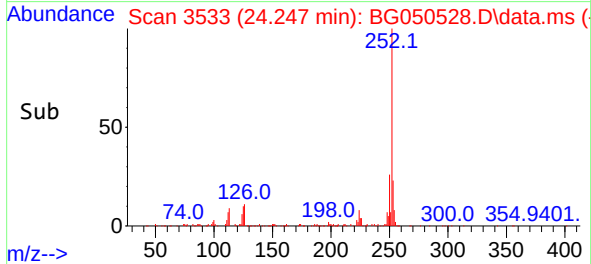
Instrument :
BNA_G
ClientSampled :
TP-3



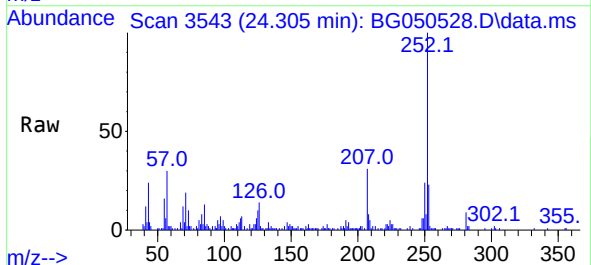
Tgt Ion:252 Resp: 150442
Ion Ratio Lower Upper
252 100
253 23.2 16.2 24.4
125 10.5 3.0 4.4#

Manual Integrations
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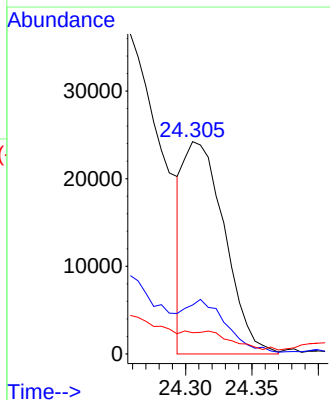
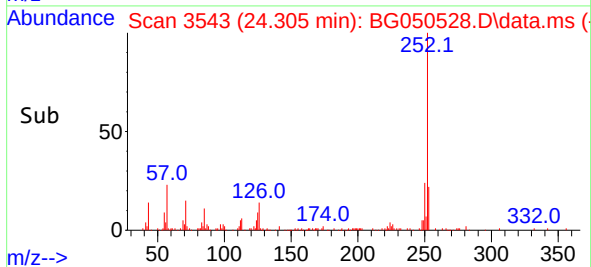
mohammad
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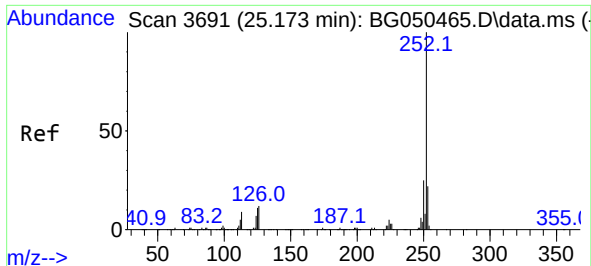


#89
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 24.305 min Scan# 3543
Delta R.T. -0.010 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



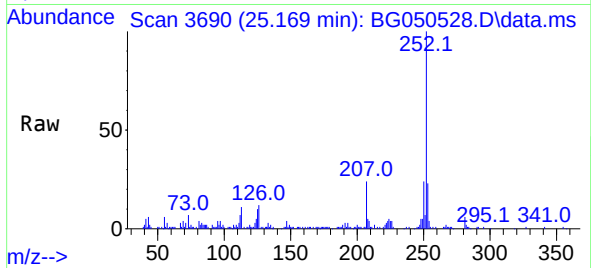
Tgt Ion:252 Resp: 52225
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 10.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 5.70 ng
RT: 25.169 min Scan# 3690
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56

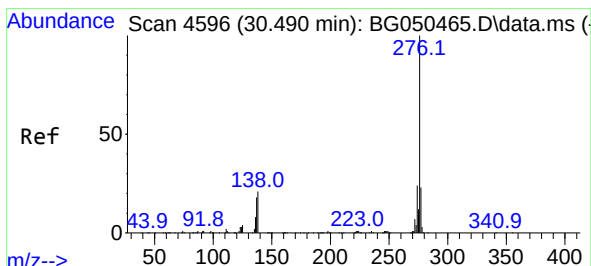
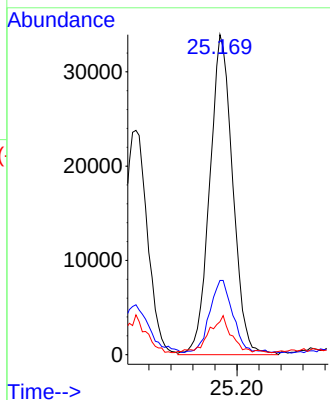
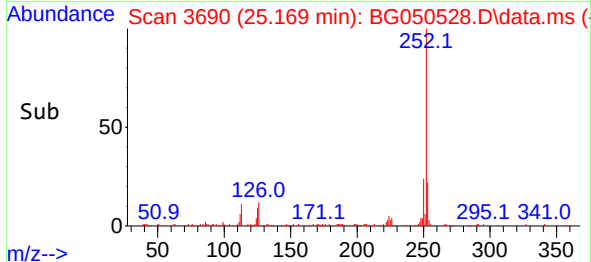
Instrument :
BNA_G
ClientSampleId :
TP-3



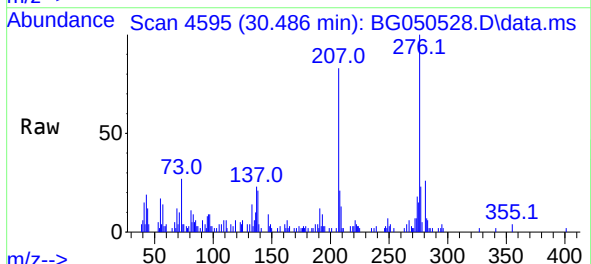
Tgt Ion:252 Resp: 98673
Ion Ratio Lower Upper
252 100
253 23.2 16.6 25.0
125 10.3 3.5 5.3#

Manual Integrations
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mohammad
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#92
Benzo(g,h,i)perylene
Concen: 3.04 ng m
RT: 30.486 min Scan# 4595
Delta R.T. -0.004 min
Lab File: BG050528.D
Acq: 9 Oct 2021 3:56



Tgt Ion:276 Resp: 57086
Ion Ratio Lower Upper
276 100
277 23.3 18.4 27.6
138 21.3 7.0 10.6#

