

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050527.D
 Acq On : 9 Oct 2021 3:15
 Operator : CG/JU
 Sample : M4118-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-100621-01

Manual Integrations
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Quant Time: Oct 09 04:09:06 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	64443	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	279397	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	179239	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	362500	20.00	ng	# 0.00
76) Chrysene-d12	21.925	240	308684	20.00	ng	# 0.00
86) Perylene-d12	25.339	264	308637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	357638	83.00	ng	0.00
7) Phenol-d6	7.401	99	506410	81.17	ng	0.00
23) Nitrobenzene-d5	9.428	82	369479	54.74	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	116246	68.00	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	678771	56.99	ng	0.00
79) Terphenyl-d14	20.209	244	887072	56.00	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.665	178	210567	11.02	ng	98
72) Anthracene	17.753	178	49626	2.61	ng	98
75) Fluoranthene	19.663	202	271055	11.54	ng	95
78) Pyrene	20.021	202	279339	12.75	ng	99
81) Benzo(a)anthracene	21.902	228	138748	6.79	ng	98
83) Chrysene	21.966	228	130333m	6.78	ng	
87) Indeno(1,2,3-cd)pyrene	29.258	276	72949	3.39	ng	# 88
88) Benzo(b)fluoranthene	24.246	252	148086	7.83	ng	# 93
89) Benzo(k)fluoranthene	24.311	252	46511m	2.50	ng	
90) Benzo(a)pyrene	25.174	252	116761	7.27	ng	# 92
92) Benzo(g,h,i)perylene	30.486	276	74791	4.29	ng	# 87

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

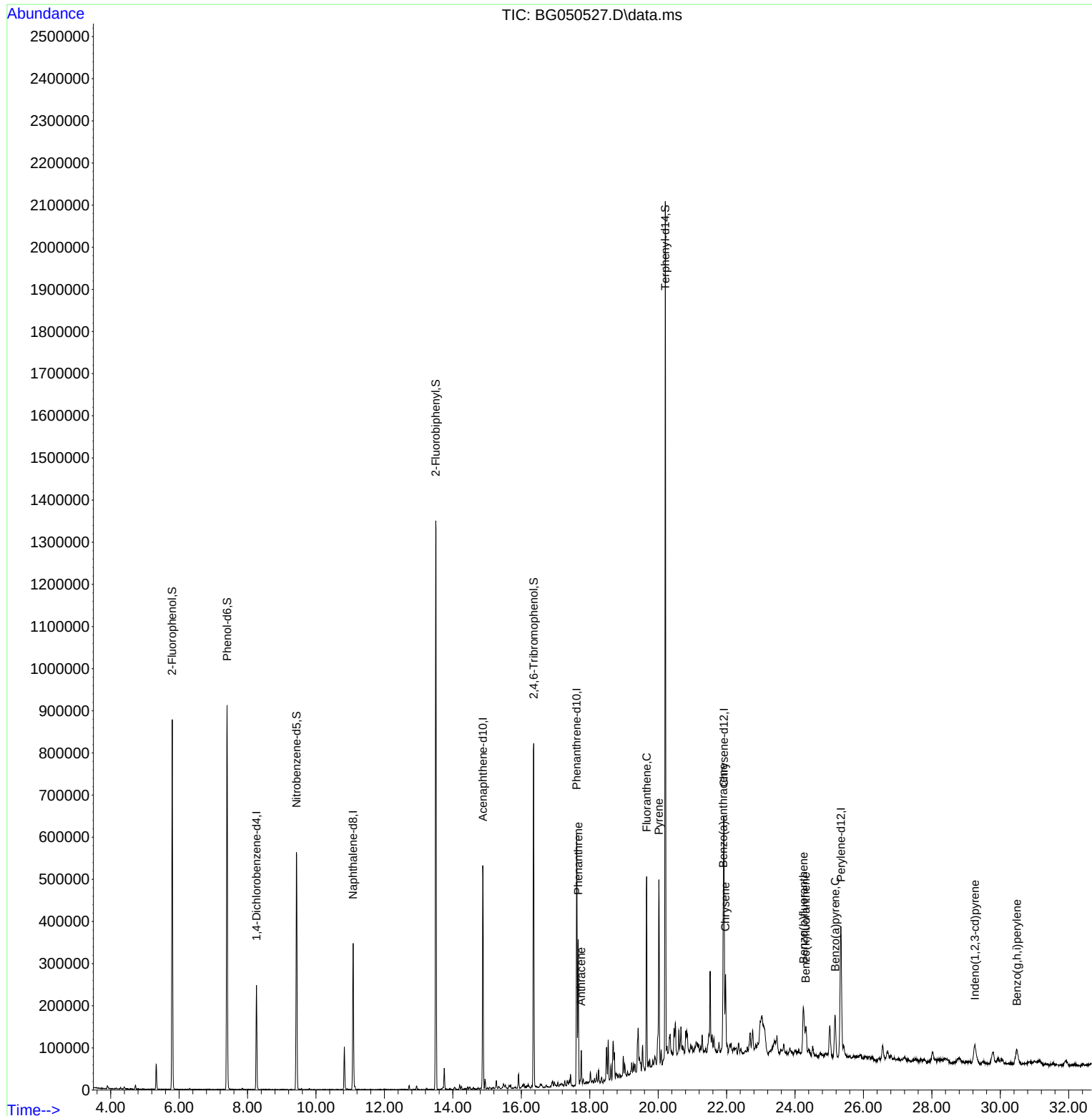
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050527.D
Acq On : 9 Oct 2021 3:15
Operator : CG/JU
Sample : M4118-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

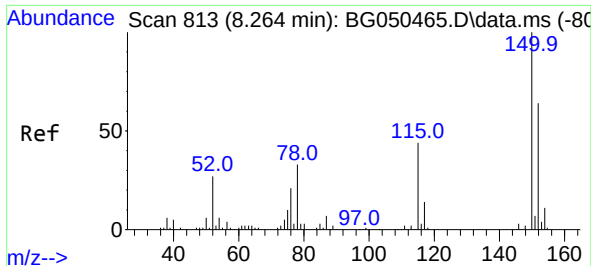
Instrument :
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Quant Time: Oct 09 04:09:06 2021
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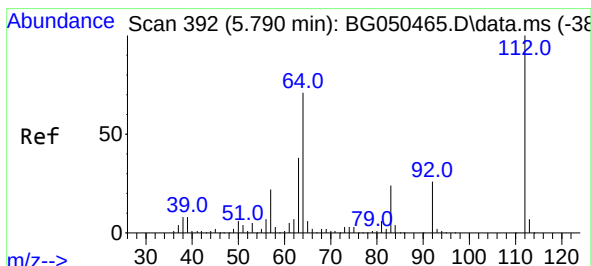
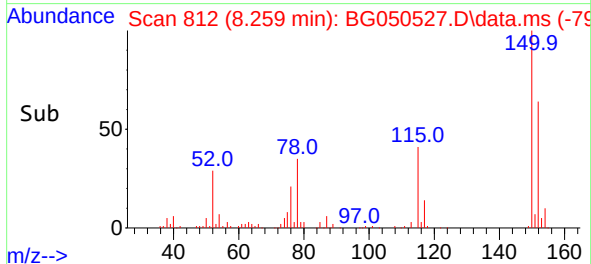
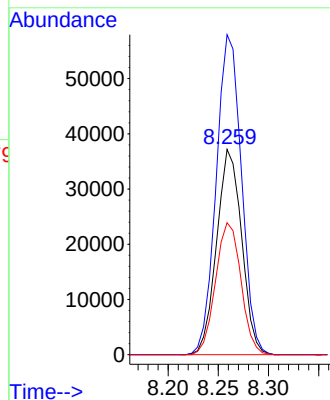
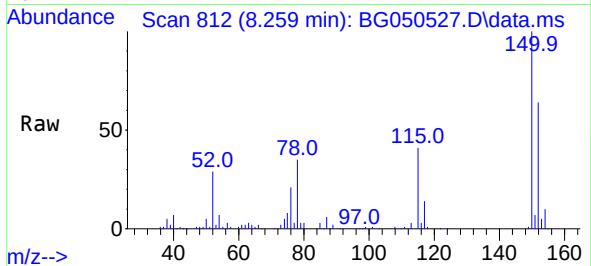
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:152 Resp: 64443
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 64.3 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01

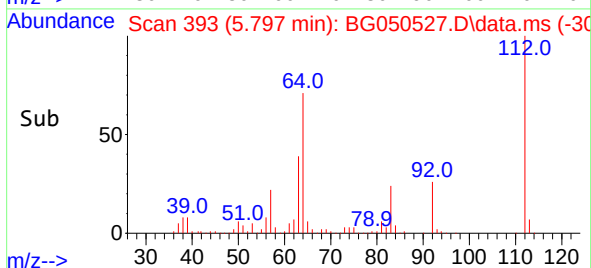
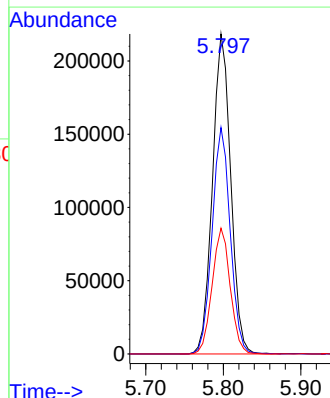
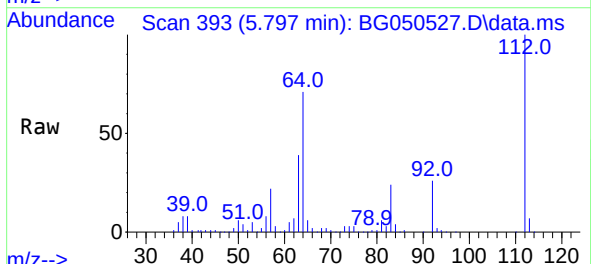
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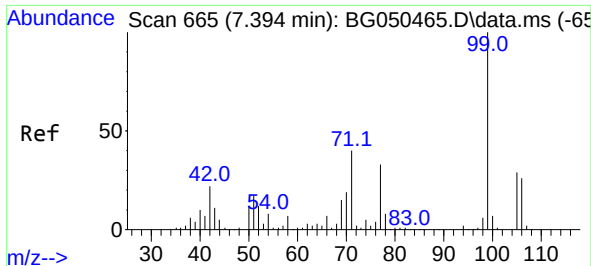
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#5
2-Fluorophenol
Concen: 83.00 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:112 Resp: 357638
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 39.3 35.3 52.9





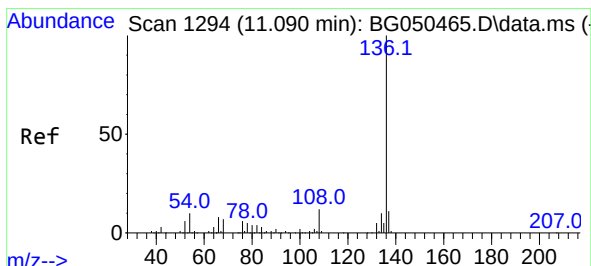
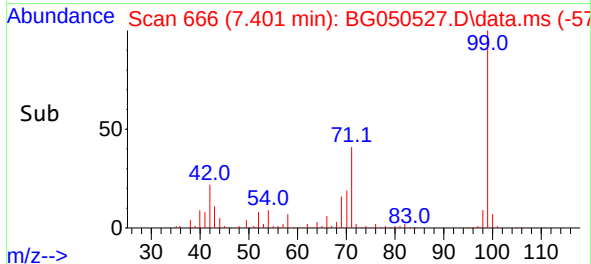
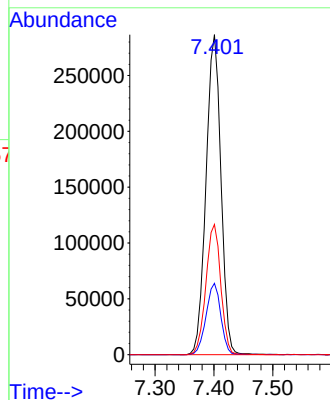
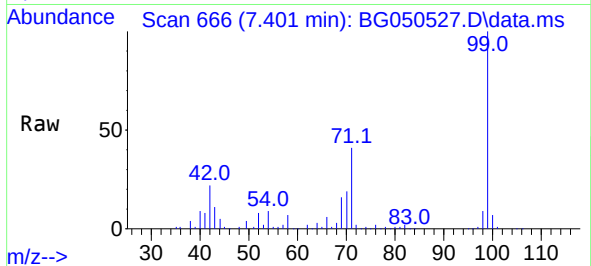
#7
Phenol-d6
Concen: 81.17 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion: 99 Resp: 506410
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.7 41.5 62.3#

Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01

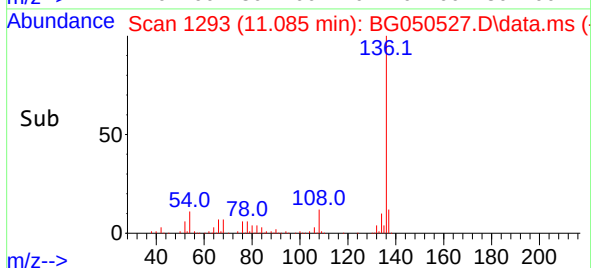
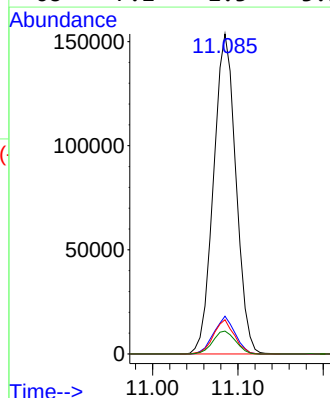
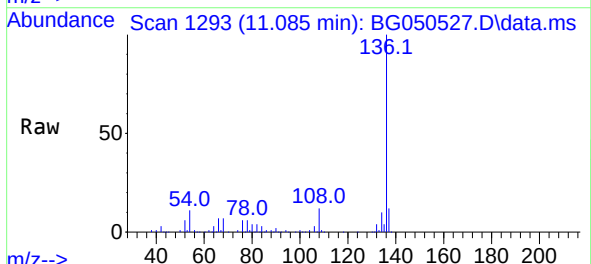
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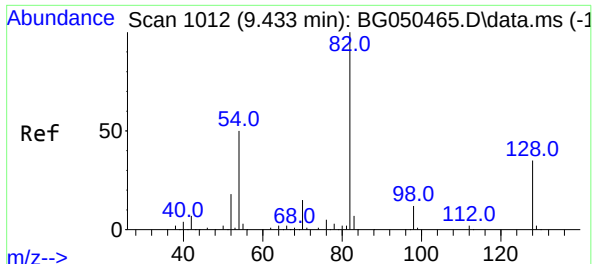
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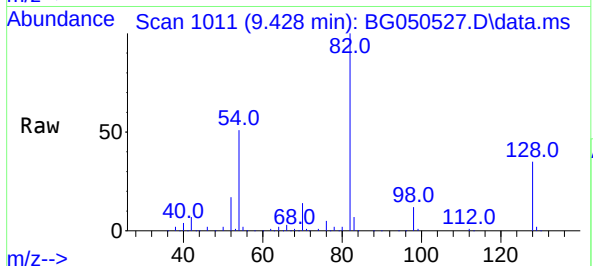
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion: 136 Resp: 279397
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.7 5.5 8.3#
68 7.2 2.3 3.5#





#23
Nitrobenzene-d5
Concen: 54.74 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15



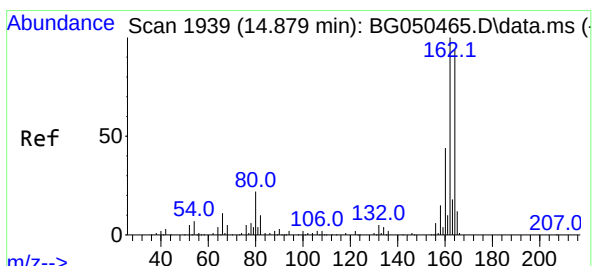
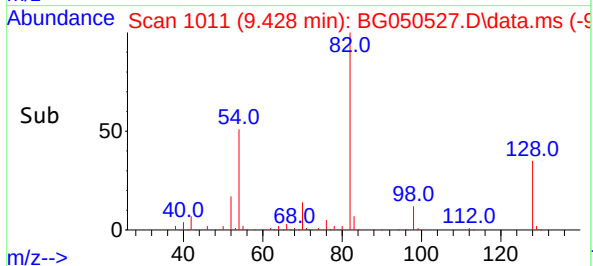
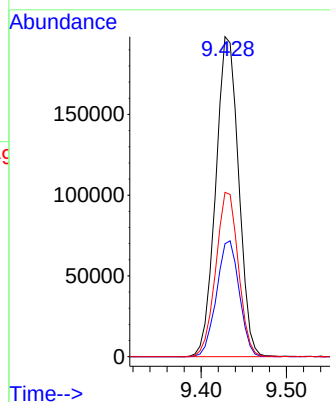
Tgt Ion: 82 Resp: 369479

Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.8	44.6
54	51.4	45.8	68.8

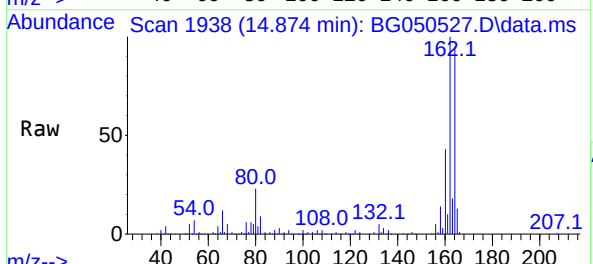
Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01

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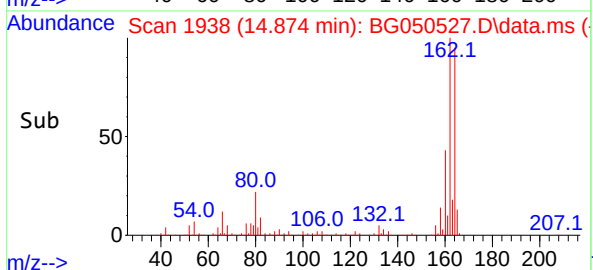
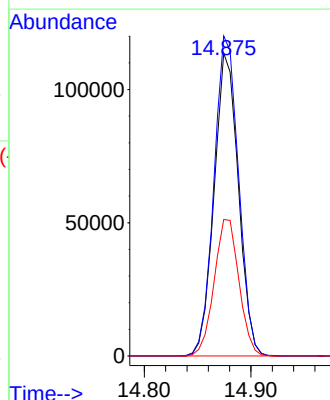


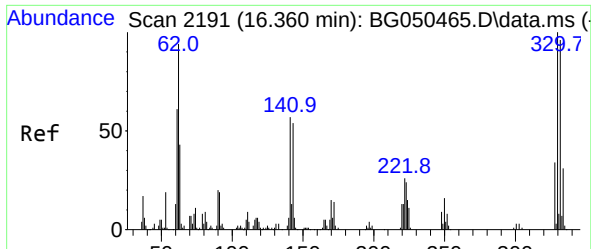
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15



Tgt Ion: 164 Resp: 179239

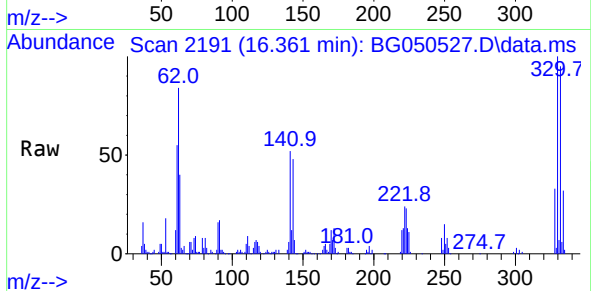
Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.4	122.0
160	45.1	34.9	52.3





#42
2,4,6-Tribromophenol
Concen: 68.00 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

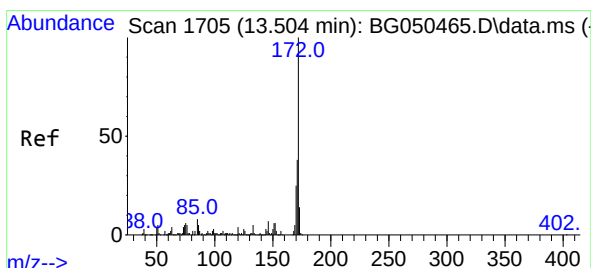
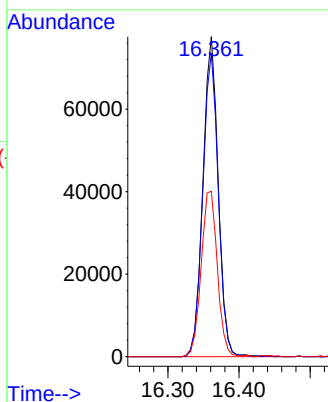
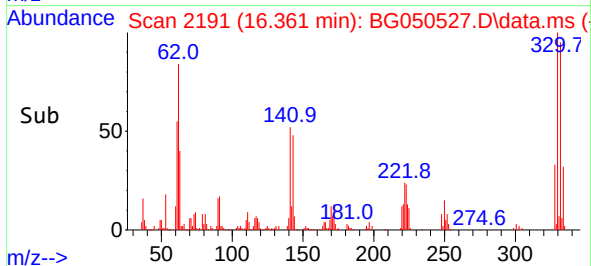
Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01



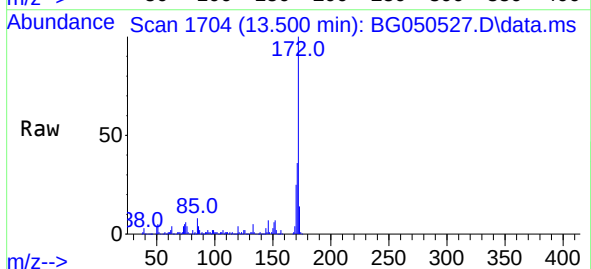
Tgt Ion:330 Resp: 116246
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 54.6 35.6 53.4#

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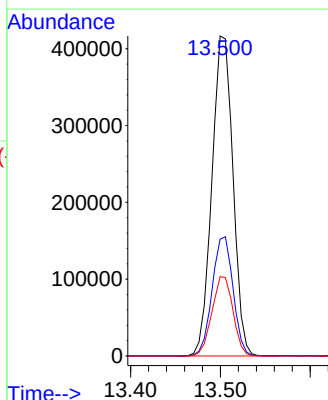
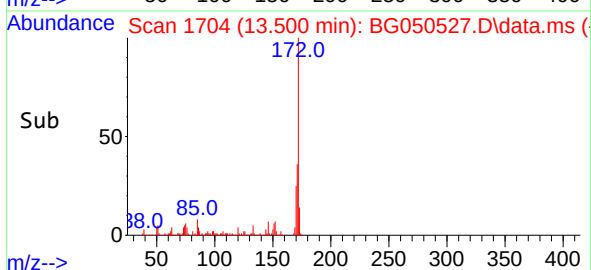
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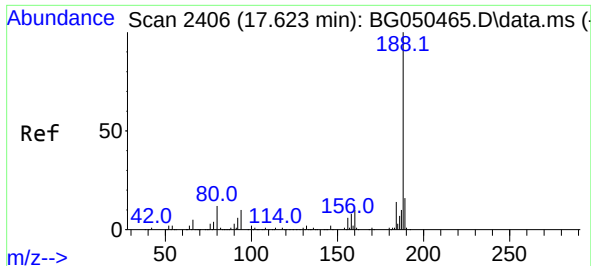


#45
2-Fluorobiphenyl
Concen: 56.99 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

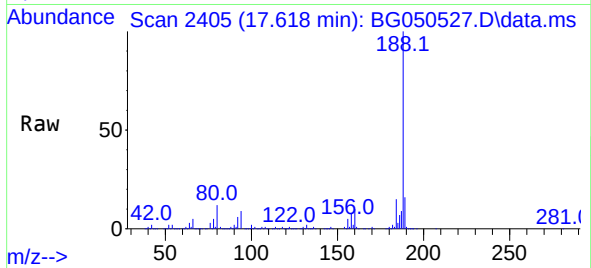


Tgt Ion:172 Resp: 678771
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.8 18.6 27.8

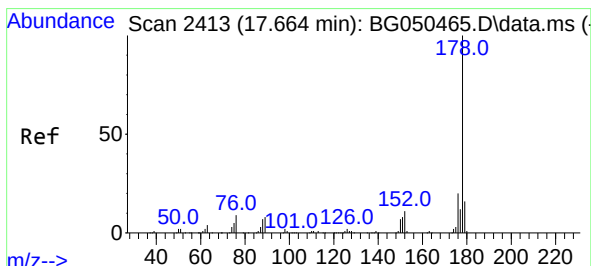
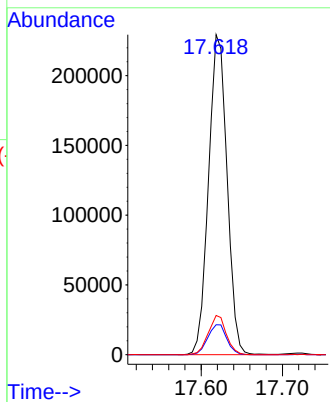
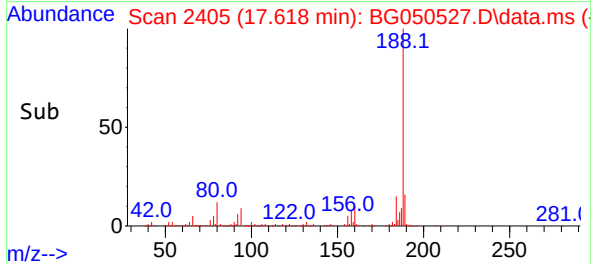




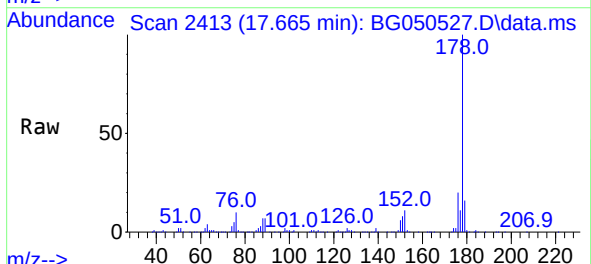
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15



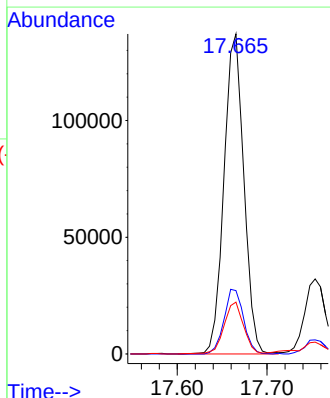
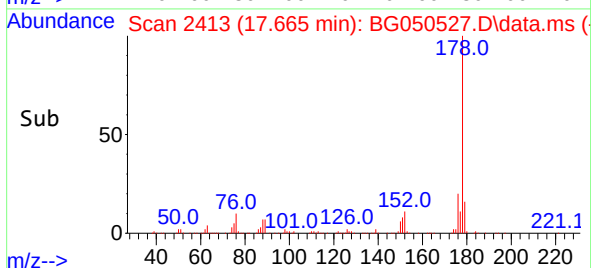
Tgt Ion:188 Resp: 362500
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 12.2 3.7 5.5#



#71
Phenanthrene
Concen: 11.02 ng
RT: 17.665 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15



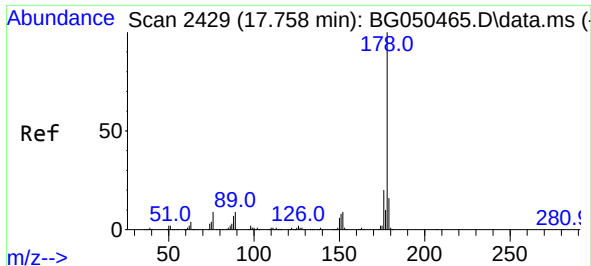
Tgt Ion:178 Resp: 210567
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.2 14.2 21.4



Instrument :
BNA_G
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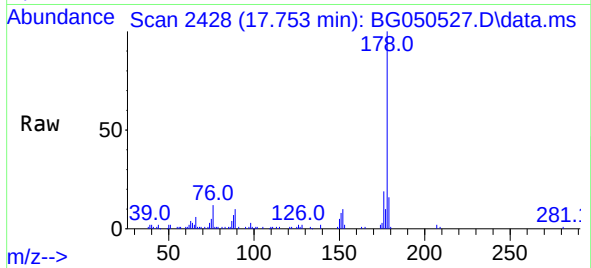
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#72
 Anthracene
 Concen: 2.61 ng
 RT: 17.753 min Scan# 2428
 Delta R.T. -0.005 min
 Lab File: BG050527.D
 Acq: 9 Oct 2021 3:15

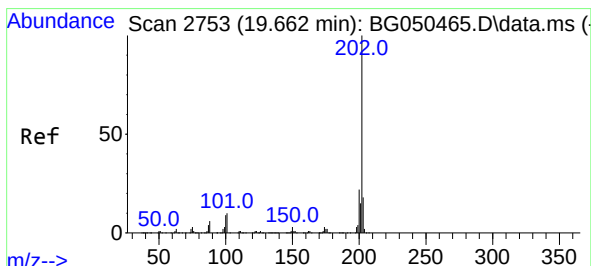
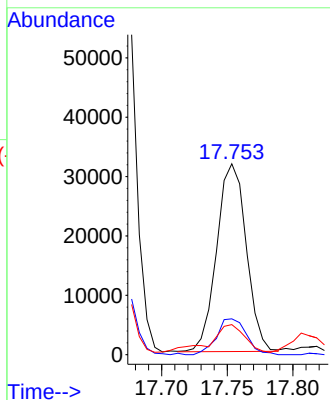
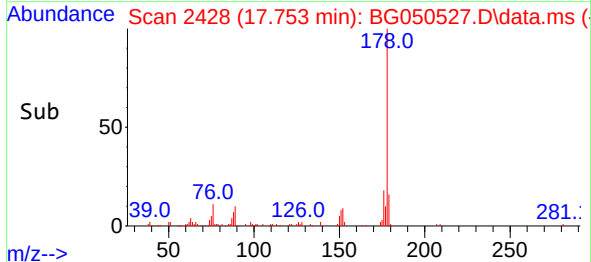
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-100621-01



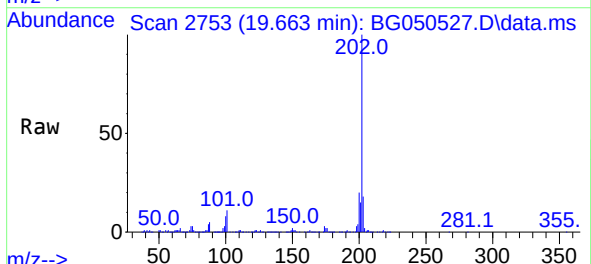
Tgt Ion:178 Resp: 49626
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 21.8
 179 15.7 13.4 20.0

Manual Integrations
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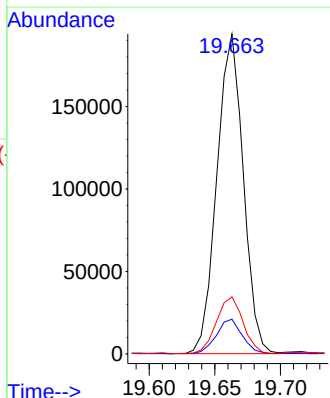
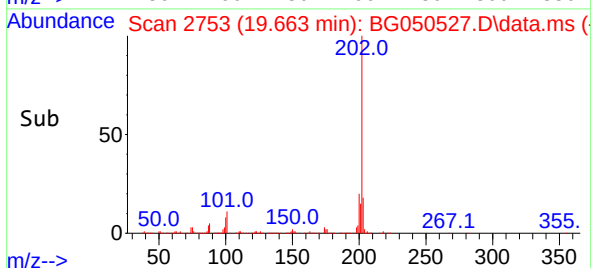
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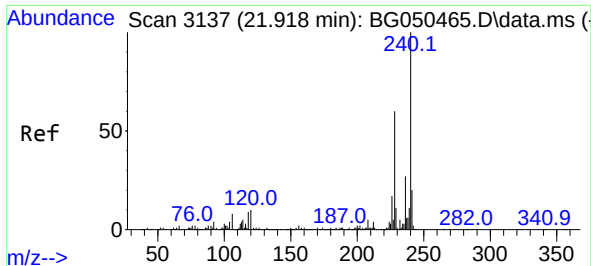


#75
 Fluoranthene
 Concen: 11.54 ng
 RT: 19.663 min Scan# 2753
 Delta R.T. 0.001 min
 Lab File: BG050527.D
 Acq: 9 Oct 2021 3:15



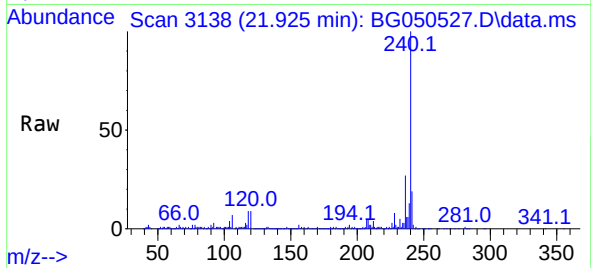
Tgt Ion:202 Resp: 271055
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 24.7
 203 17.8 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

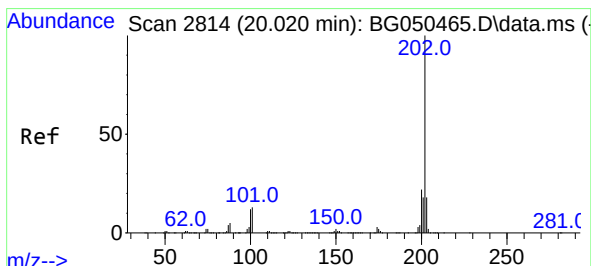
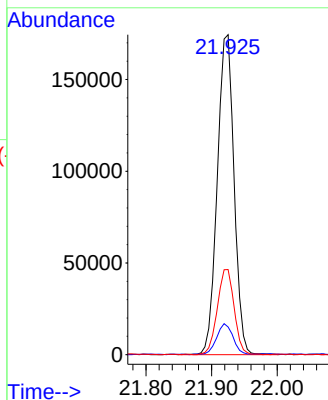
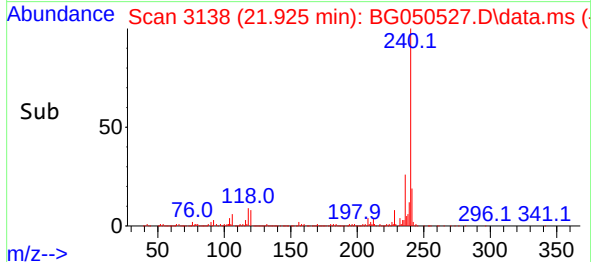
Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01



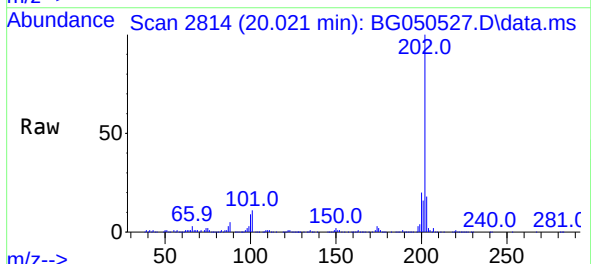
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Ion Ratio Lower Upper
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120 8.6 4.2 6.2#
236 26.6 21.8 32.6

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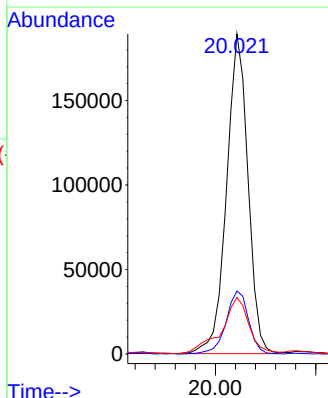
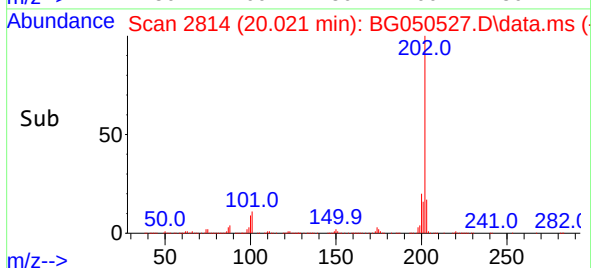
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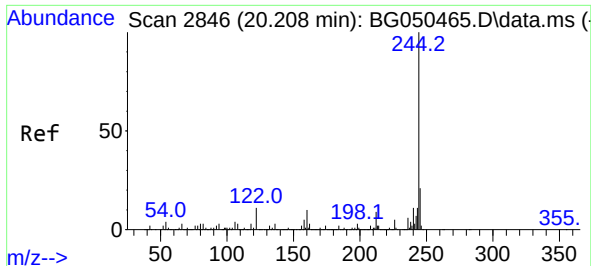


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Pyrene
Concen: 12.75 ng
RT: 20.021 min Scan# 2814
Delta R.T. 0.001 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15



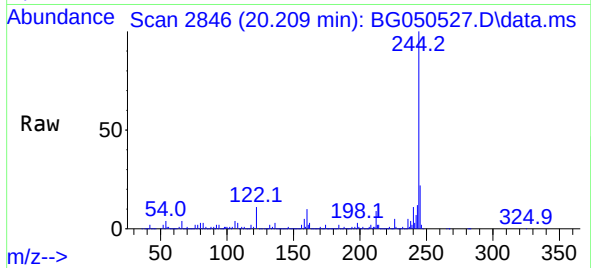
Tgt Ion:202 Resp: 279339
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 17.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 56.00 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050527.D
 Acq: 9 Oct 2021 3:15

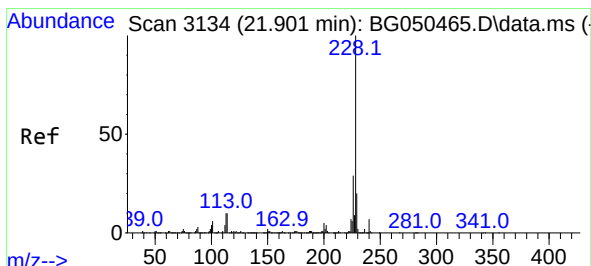
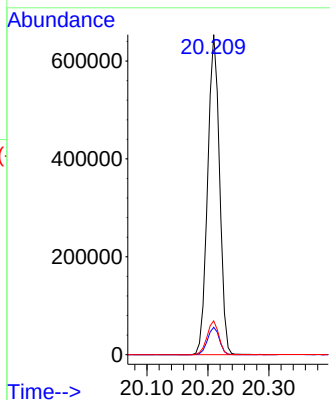
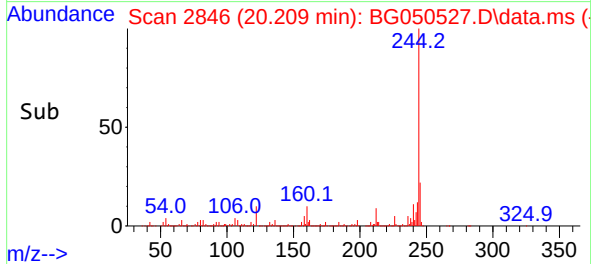
Instrument :
 BNA_G
 ClientSampleId :
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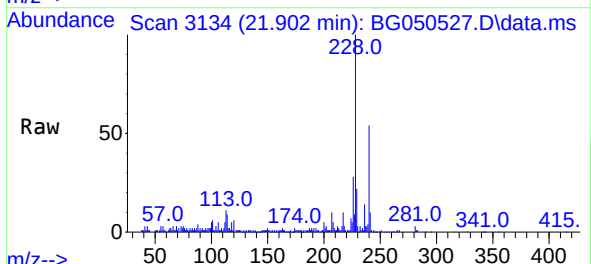
Tgt Ion:244 Resp: 887072
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 10.5 5.0 7.6#

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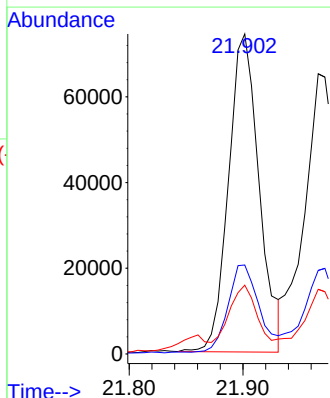
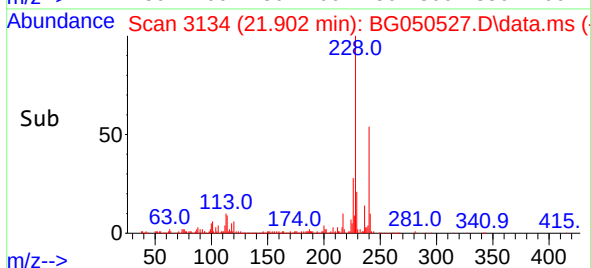
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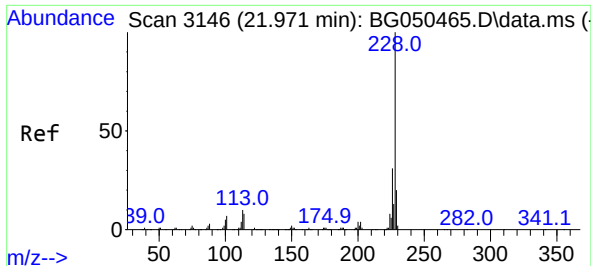


#81
 Benzo(a)anthracene
 Concen: 6.79 ng
 RT: 21.902 min Scan# 3134
 Delta R.T. 0.001 min
 Lab File: BG050527.D
 Acq: 9 Oct 2021 3:15



Tgt Ion:228 Resp: 138748
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.7 34.1
 229 21.5 16.0 24.0





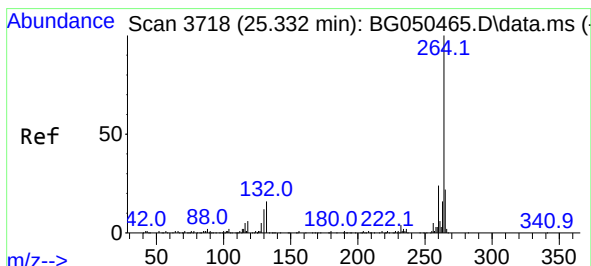
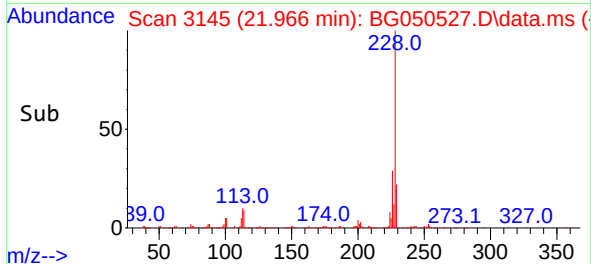
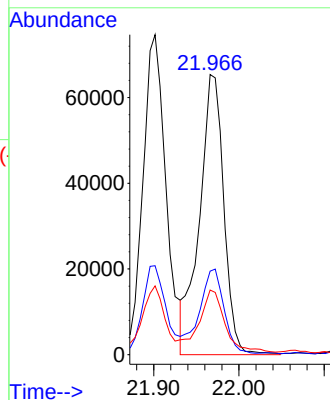
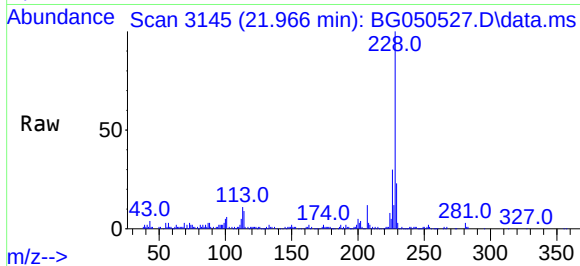
#83
Chrysene
Concen: 6.78 ng m
RT: 21.966 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:228 Resp: 130333
Ion Ratio Lower Upper
228 100
226 29.8 23.1 34.7
229 23.1 15.3 22.9#

Instrument :
BNA_G
ClientSampleId :
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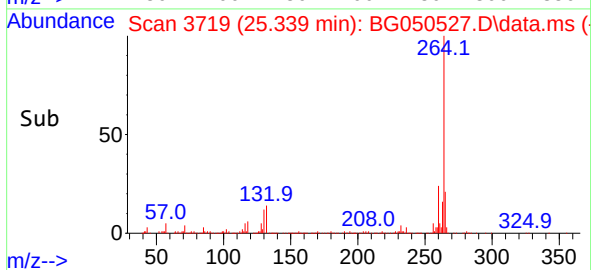
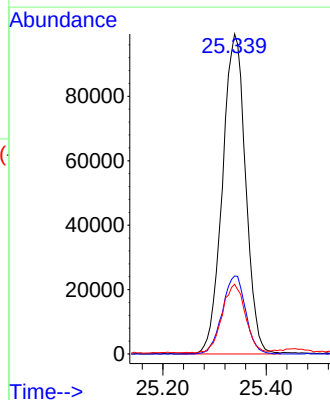
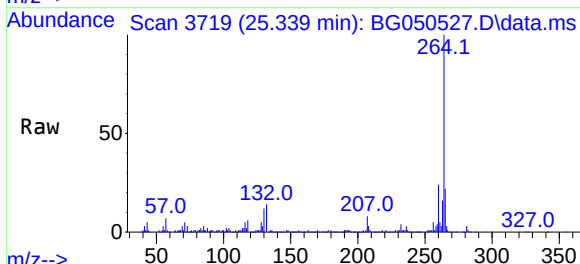
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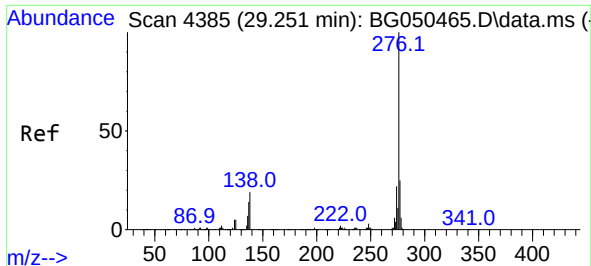
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.339 min Scan# 3719
Delta R.T. 0.007 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:264 Resp: 308637
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.8 16.9 25.3





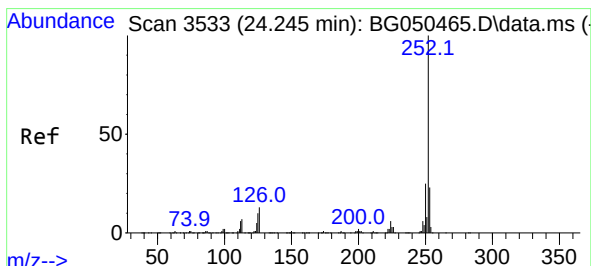
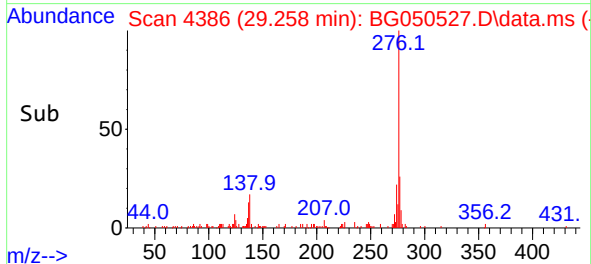
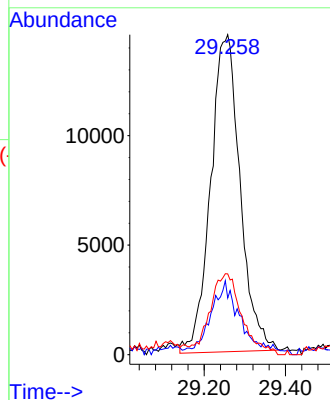
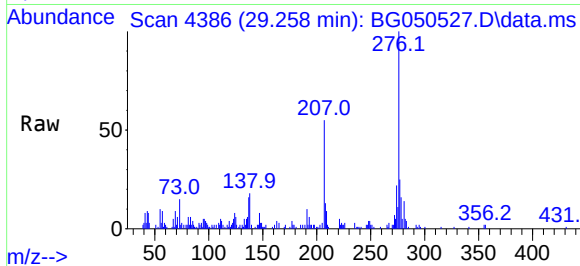
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.39 ng
RT: 29.258 min Scan# 4386
Delta R.T. 0.007 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion: 276 Resp: 72949
Ion Ratio Lower Upper
276 100
138 18.8 5.1 7.7#
277 27.5 19.8 29.6

Instrument :
BNA_G
ClientSampleId :
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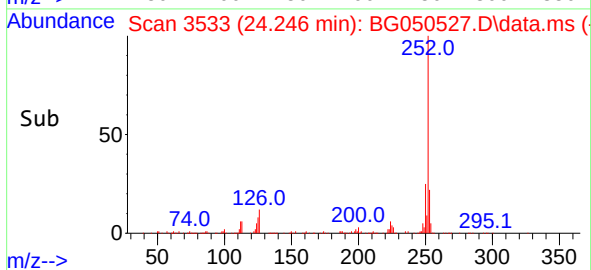
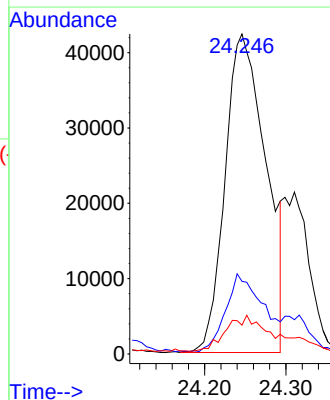
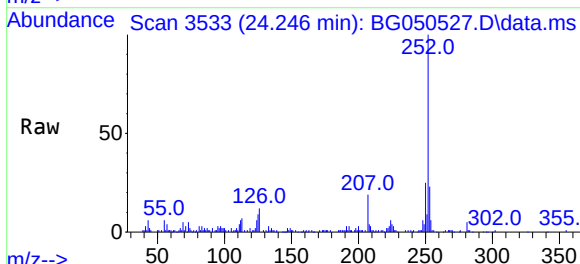
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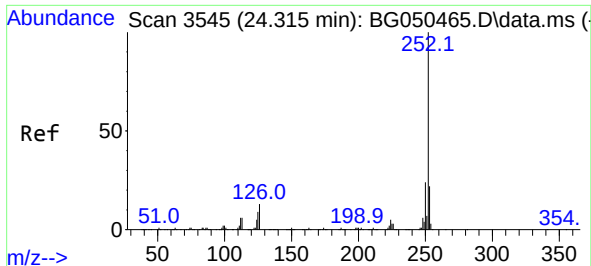
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#88
Benzo(b)fluoranthene
Concen: 7.83 ng
RT: 24.246 min Scan# 3533
Delta R.T. 0.001 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion: 252 Resp: 148086
Ion Ratio Lower Upper
252 100
253 22.7 16.2 24.4
125 9.0 3.0 4.4#





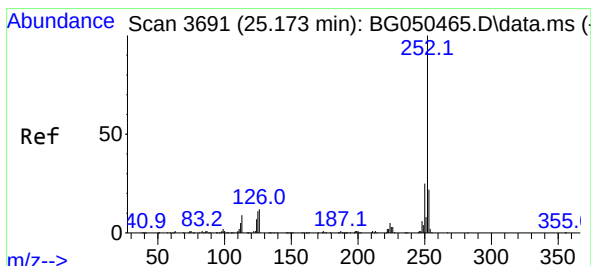
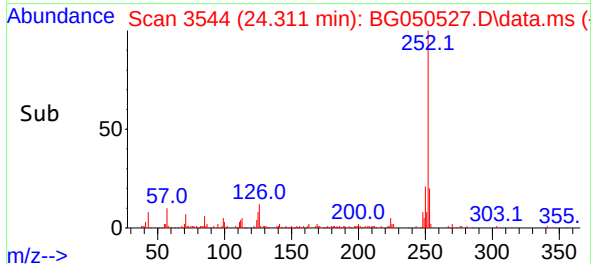
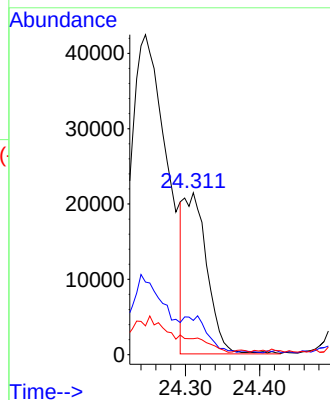
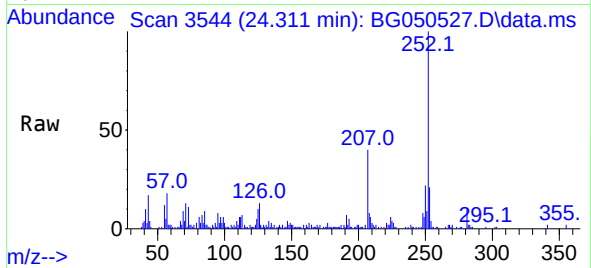
#89
Benzo(k)fluoranthene
Concen: 2.50 ng m
RT: 24.311 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:252 Resp: 46511
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 9.9 3.1 4.7#

Instrument :
BNA_G
ClientSampleId :
CONCRETE-100621-01

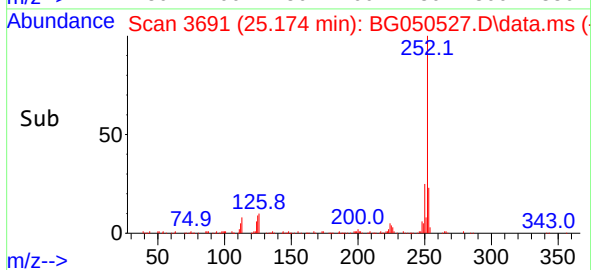
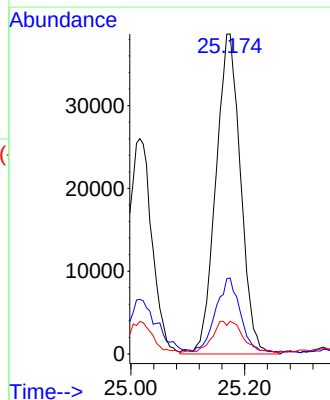
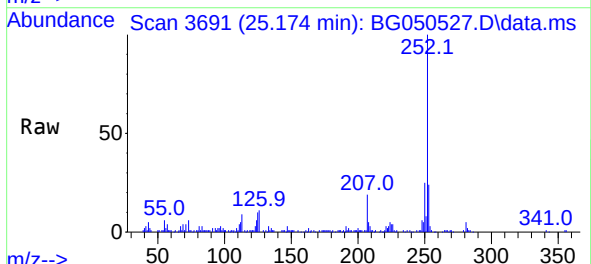
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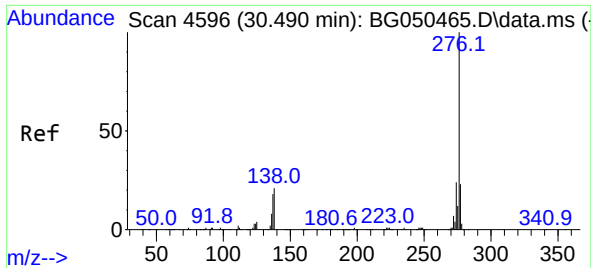
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#90
Benzo(a)pyrene
Concen: 7.27 ng
RT: 25.174 min Scan# 3691
Delta R.T. 0.001 min
Lab File: BG050527.D
Acq: 9 Oct 2021 3:15

Tgt Ion:252 Resp: 116761
Ion Ratio Lower Upper
252 100
253 23.8 16.6 25.0
125 10.2 3.5 5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 4.29 ng
 RT: 30.486 min Scan# 4595
 Delta R.T. -0.005 min
 Lab File: BG050527.D
 Acq: 9 Oct 2021 3:15

Tgt Ion:	276	Resp:	74791
Ion Ratio	Lower	Upper	
276	100		
277	25.4	18.4	27.6
138	20.7	7.0	10.6#

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-100621-01

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