

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
 Data File : BG049126.D
 Acq On : 28 Jun 2021 19:45
 Operator : CG/JU
 Sample : M2828-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PW-2R

Manual Integrations
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Quant Time: Jun 29 04:01:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	28018	20.000	ng	# 0.00
21) Naphthalene-d8	10.920	136	113440	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	86928	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	203190	20.000	ng	# 0.00
76) Chrysene-d12	21.778	240	216181	20.000	ng	-0.01
86) Perylene-d12	25.086	264	232280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	101220	56.238	ng	0.00
7) Phenol-d6	7.254	99	84857	31.456	ng	0.00
23) Nitrobenzene-d5	9.269	82	224018	85.152	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	194773	151.234	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	504327	81.958	ng	0.00
79) Terphenyl-d14	20.097	244	975736	82.661	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.180	122	8230m	6.913	ng	
52) Acenaphthene	14.804	154	102208	18.594	ng	93
55) Dibenzofuran	15.144	168	52774	6.176	ng	95
58) Fluorene	15.791	166	138403	19.808	ng	96
71) Phenanthrene	17.536	178	376200	32.905	ng	98
72) Anthracene	17.624	178	42760m	3.722	ng	
75) Fluoranthene	19.539	202	161635	11.724	ng	99
78) Pyrene	19.904	202	109040	6.949	ng	96

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

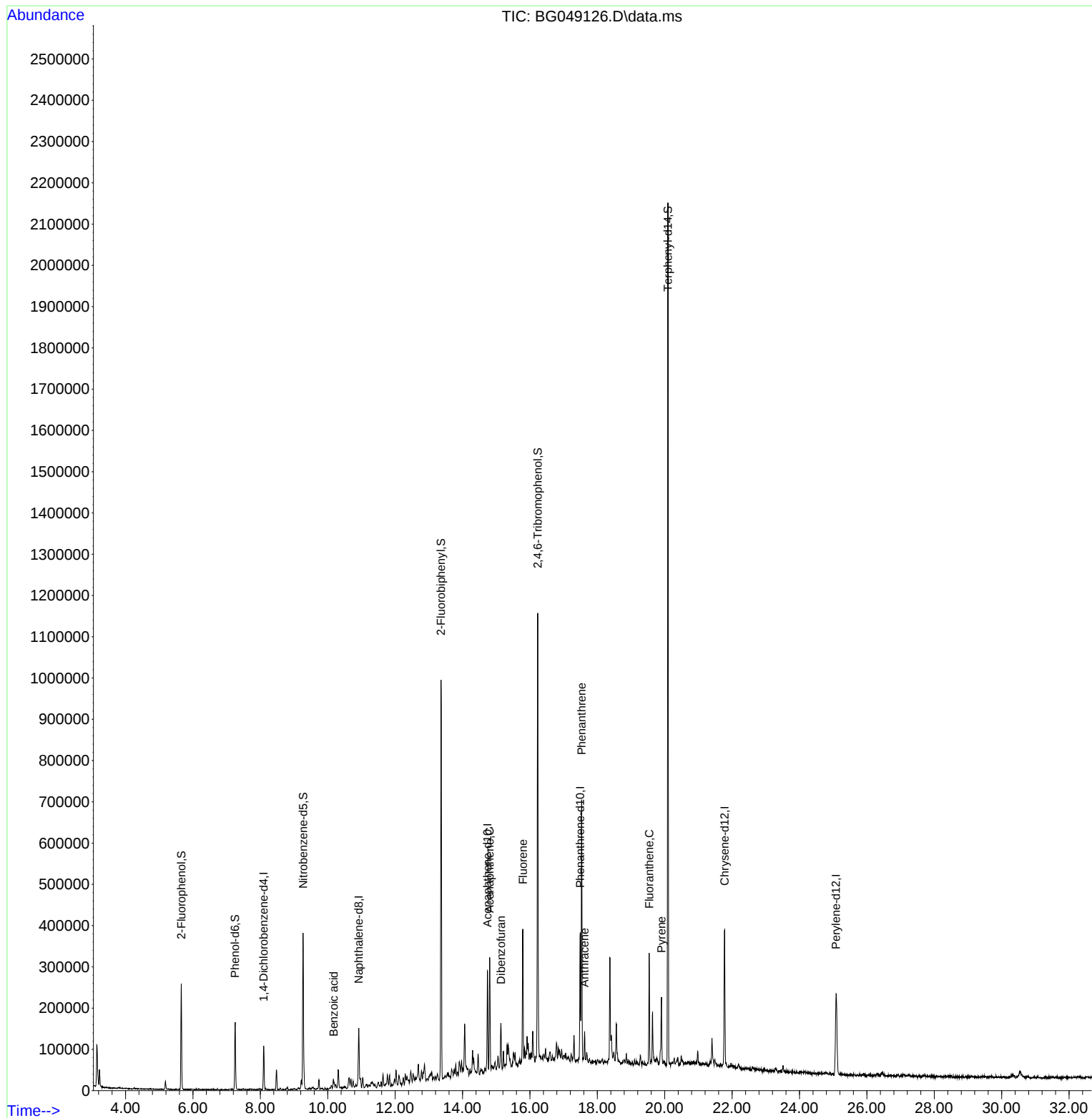
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Data File : BG049126.D
Acq On : 28 Jun 2021 19:45
Operator : CG/JU
Sample : M2828-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

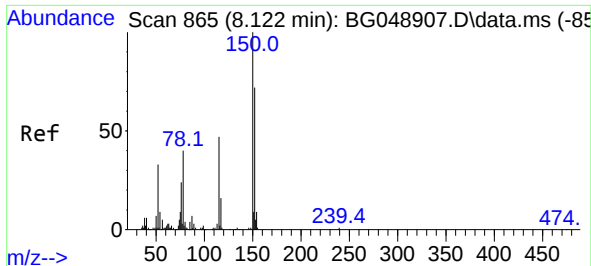
Instrument :
BNA_G
ClientSampleId :
PW-2R

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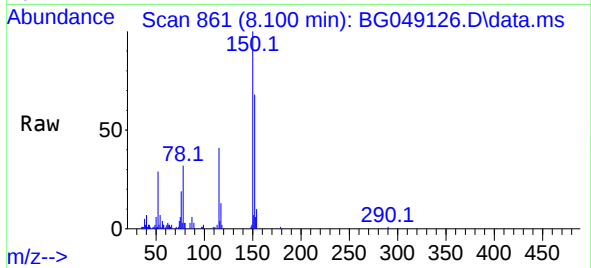
Quant Time: Jun 29 04:01:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 861
Delta R.T. -0.005 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

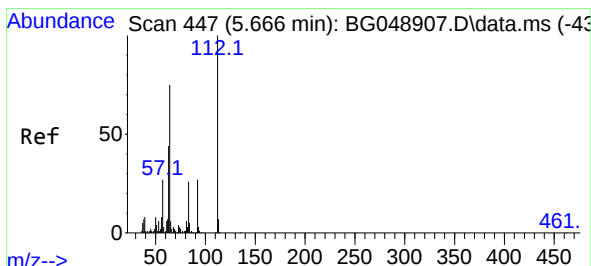
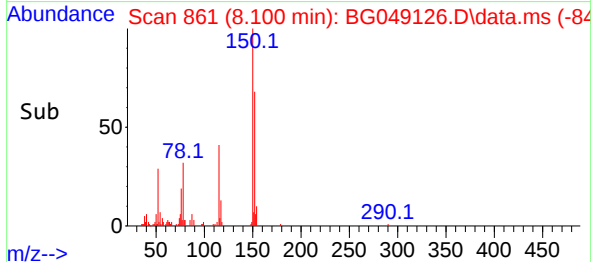
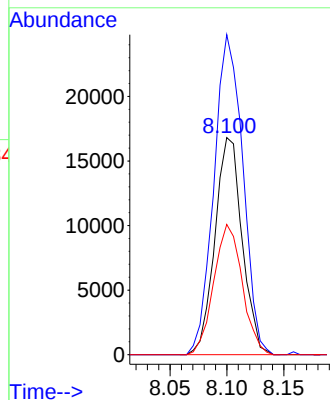
Instrument :
BNA_G
ClientSampled :
PW-2R



Tgt Ion:152 Resp: 28018
Ion Ratio Lower Upper
152 100
150 147.4 119.4 179.0
115 60.0 60.2 90.4#

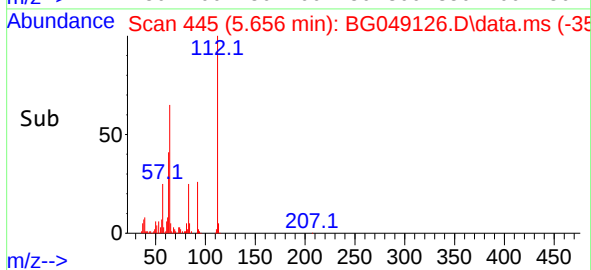
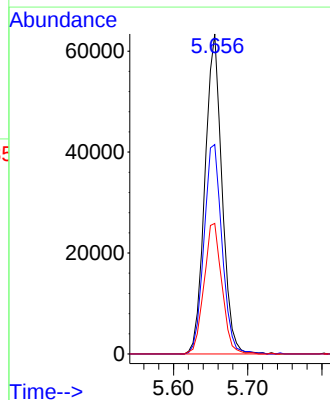
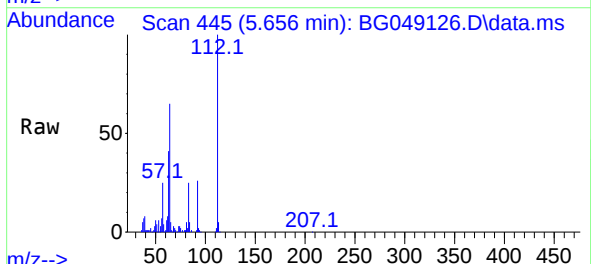
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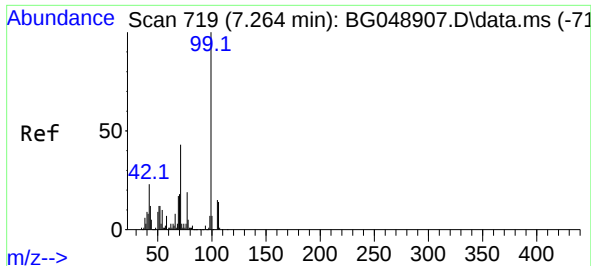
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#5
2-Fluorophenol
Concen: 56.238 ng
RT: 5.656 min Scan# 445
Delta R.T. 0.000 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:112 Resp: 101220
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 40.8 35.3 52.9





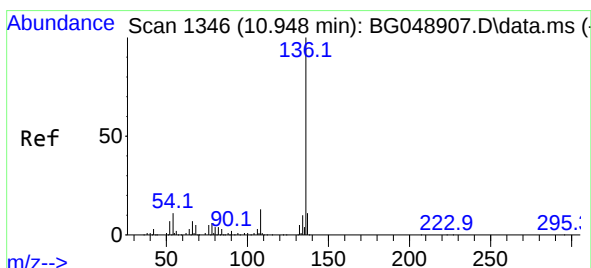
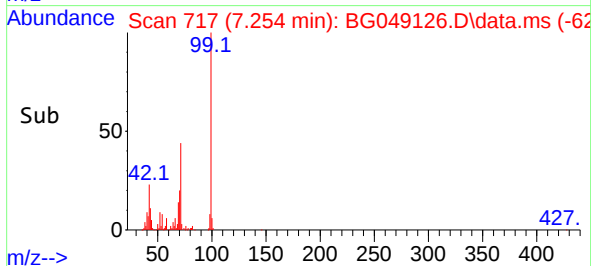
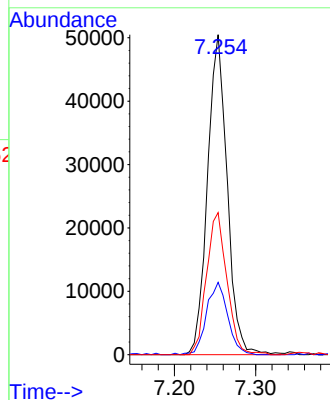
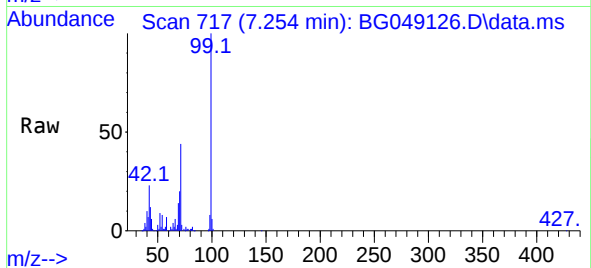
#7
Phenol-d6
Concen: 31.456 ng
RT: 7.254 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:	99	Resp:	84857
Ion	Ratio	Lower	Upper
99	100		
42	22.6	20.5	30.7
71	44.4	41.5	62.3

Instrument :
BNA_G
ClientSampleId :
PW-2R

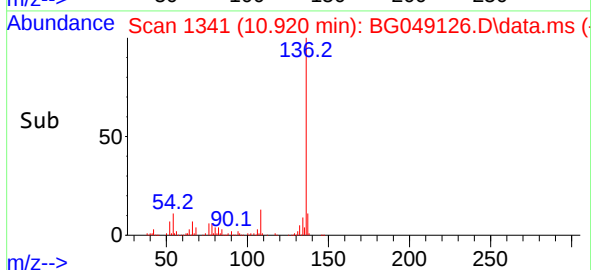
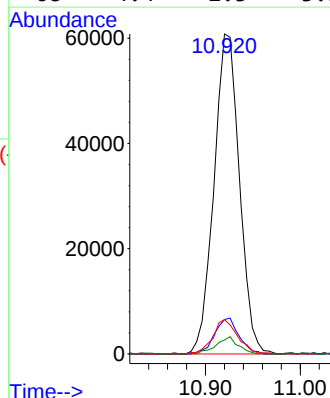
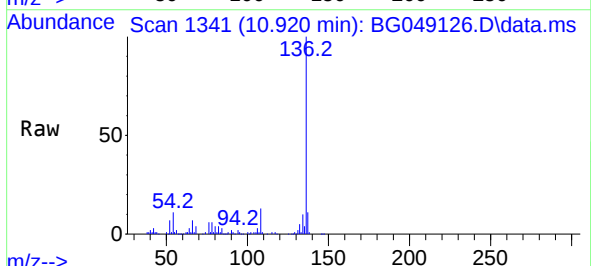
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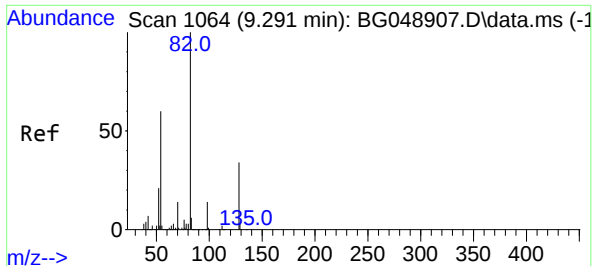
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:	136	Resp:	113440
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.2
54	10.7	5.5	8.3#
68	4.4	2.3	3.5#





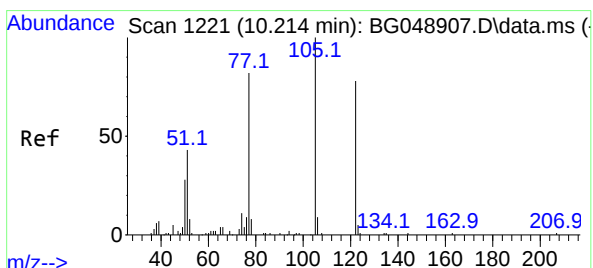
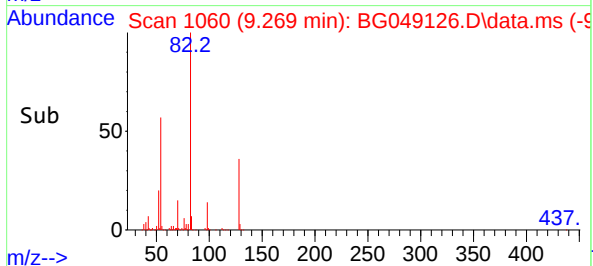
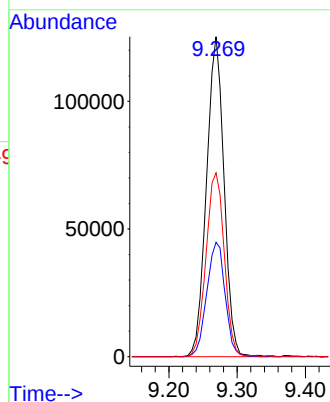
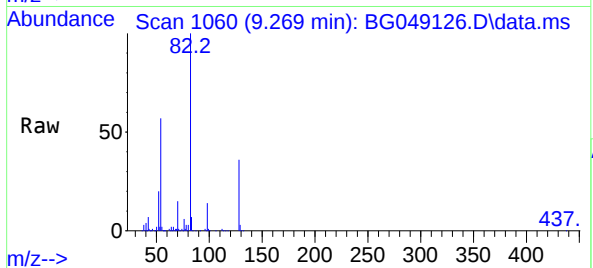
#23
Nitrobenzene-d5
Concen: 85.152 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:	82	Resp:	224018
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.8	44.6
54	57.4	45.8	68.8

Instrument :
BNA_G
ClientSampleId :
PW-2R

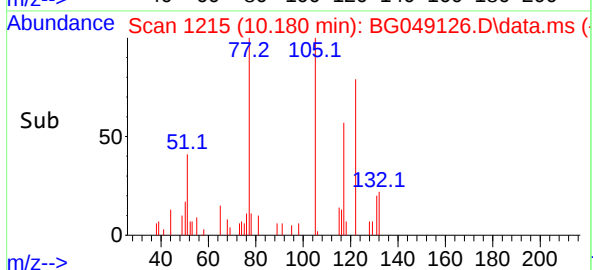
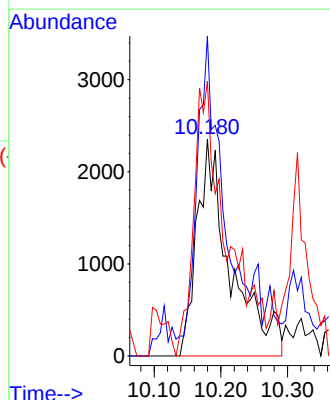
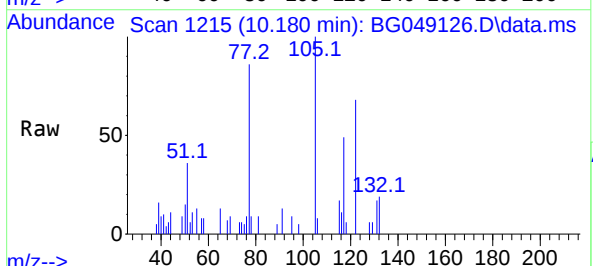
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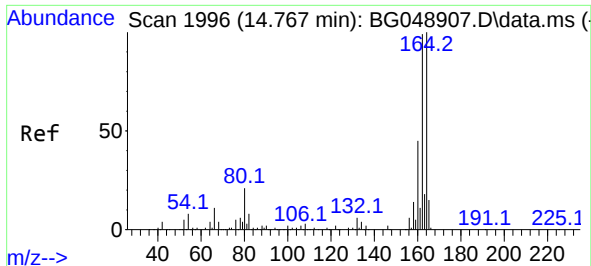
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#32
Benzoic acid
Concen: 6.913 ng m
RT: 10.180 min Scan# 1215
Delta R.T. -0.053 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

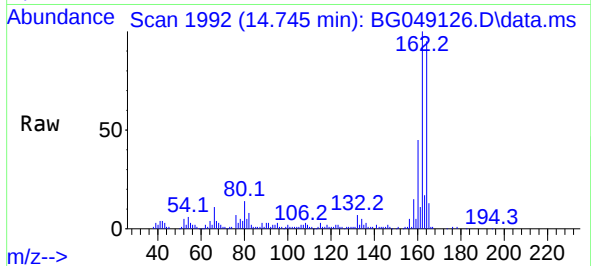
Tgt Ion:	122	Resp:	8230
Ion	Ratio	Lower	Upper
122	100		
105	147.5	92.3	132.3#
77	126.6	66.5	106.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

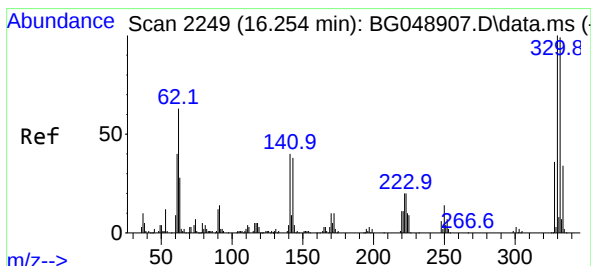
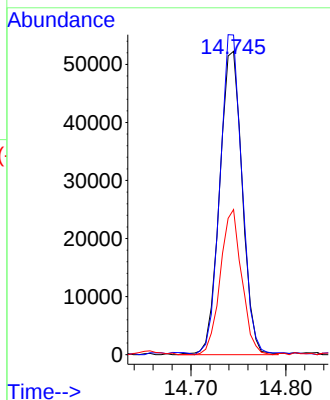
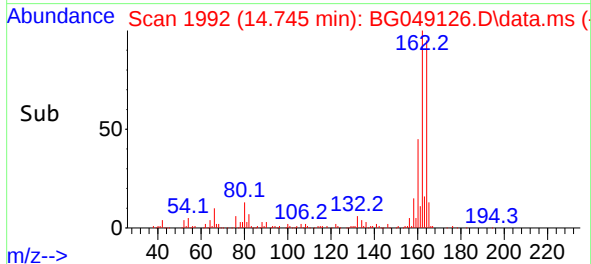
Instrument :
BNA_G
ClientSampleId :
PW-2R



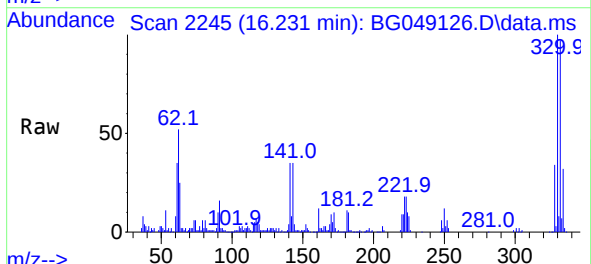
Tgt Ion:164 Resp: 86928
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 47.8 34.9 52.3

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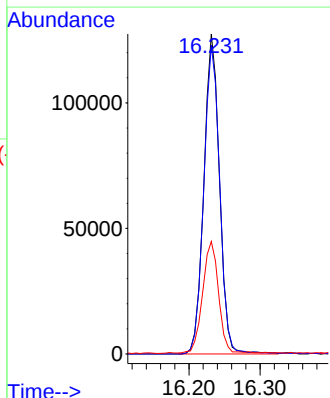
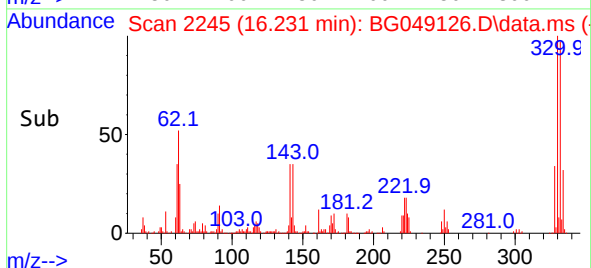
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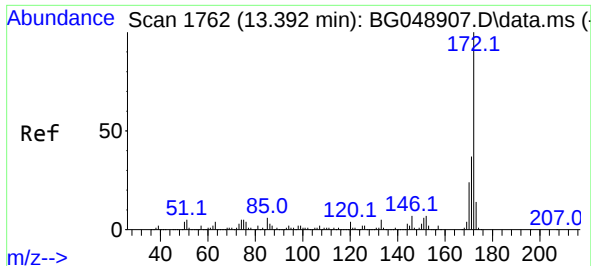


#42
2,4,6-Tribromophenol
Concen: 151.234 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45



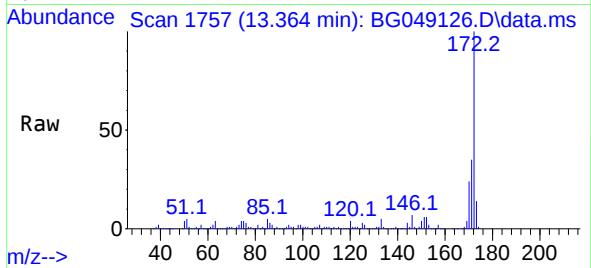
Tgt Ion:330 Resp: 194773
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 35.3 35.6 53.4#





#45
2-Fluorobiphenyl
Concen: 81.958 ng
RT: 13.364 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

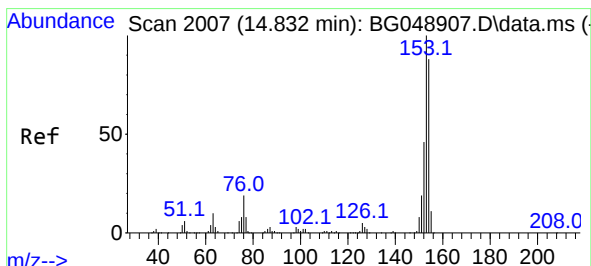
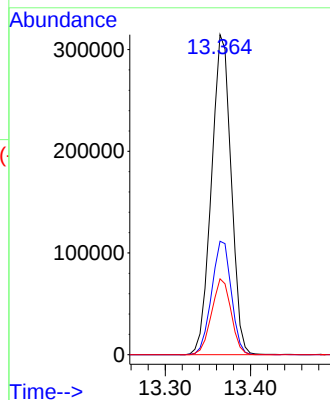
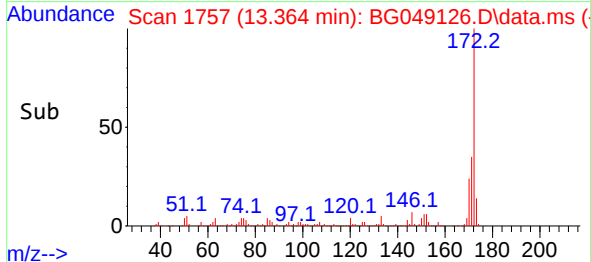
Instrument :
BNA_G
ClientSampled :
PW-2R



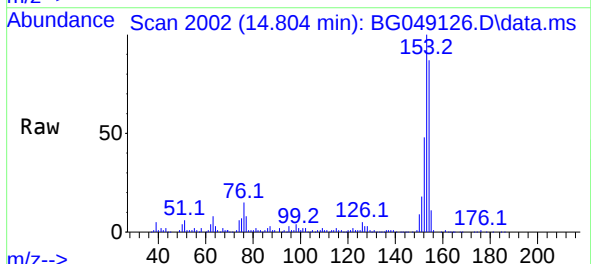
Tgt Ion:172 Resp: 504327
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 18.6 27.8

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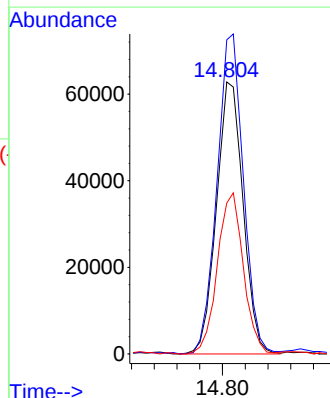
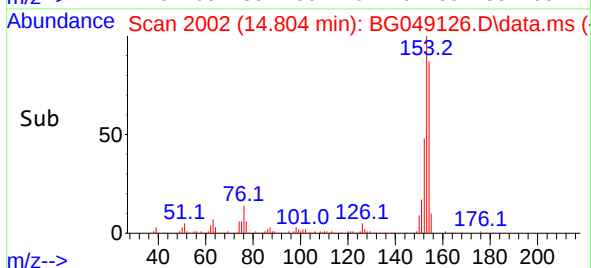
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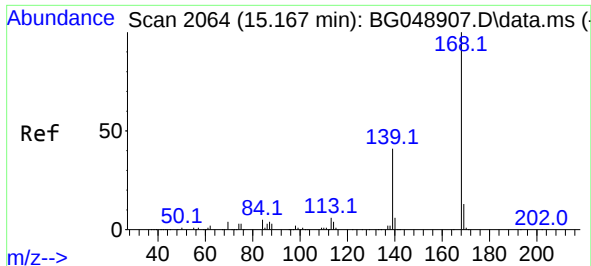


#52
Acenaphthene
Concen: 18.594 ng
RT: 14.804 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45



Tgt Ion:154 Resp: 102208
Ion Ratio Lower Upper
154 100
153 115.5 87.0 130.4
152 55.5 40.1 60.1





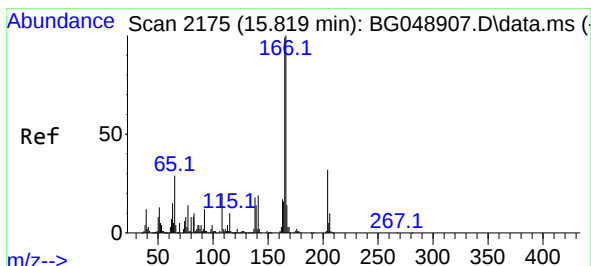
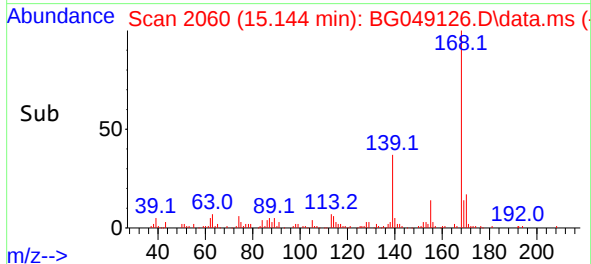
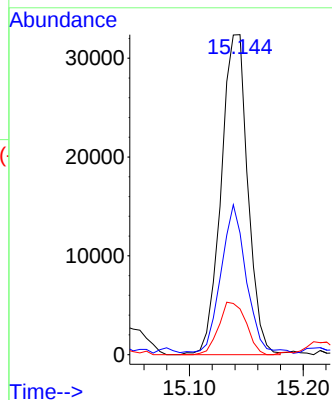
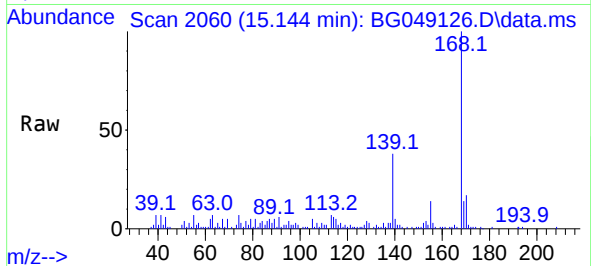
#55
Dibenzenofuran
Concen: 6.176 ng
RT: 15.144 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:168 Resp: 52774
Ion Ratio Lower Upper
168 100
139 38.0 33.4 50.2
169 14.3 12.3 18.5

Instrument :
BNA_G
ClientSampleId :
PW-2R

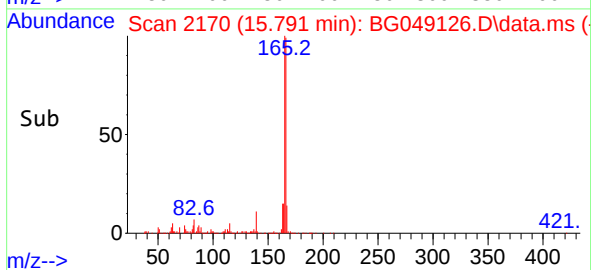
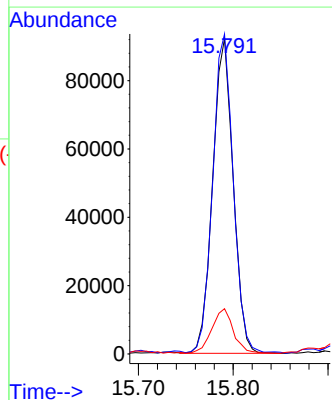
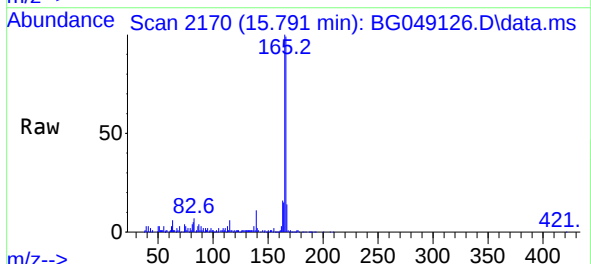
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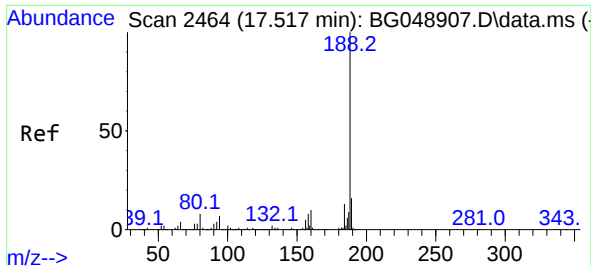
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#58
Fluorene
Concen: 19.808 ng
RT: 15.791 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

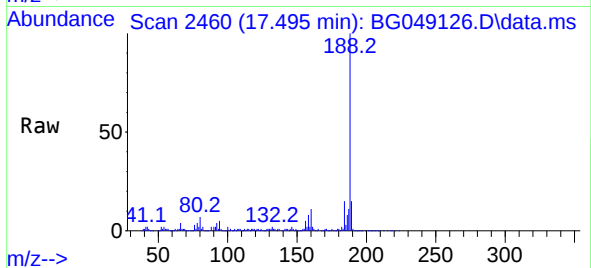
Tgt Ion:166 Resp: 138403
Ion Ratio Lower Upper
166 100
165 101.4 77.7 116.5
167 14.3 10.8 16.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

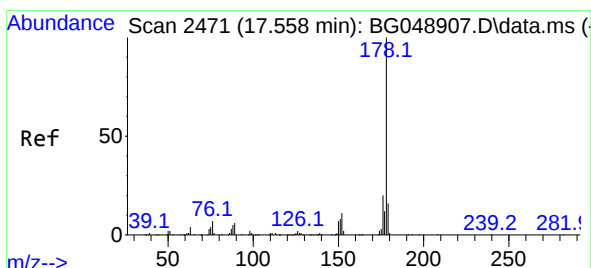
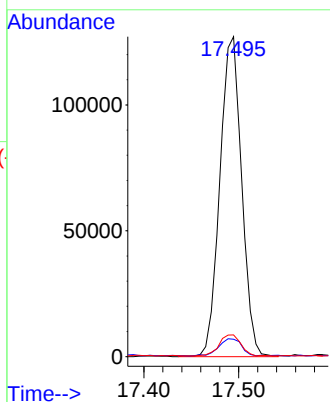
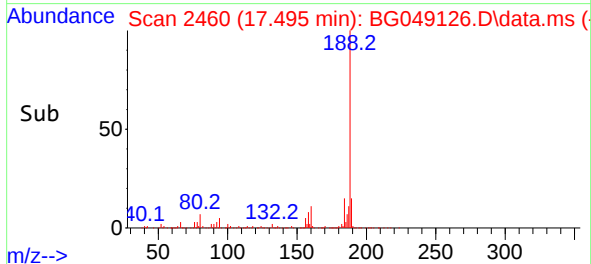
Instrument :
BNA_G
ClientSampleId :
PW-2R



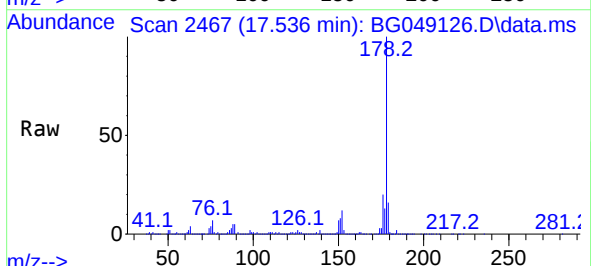
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Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 6.8 3.7 5.5#

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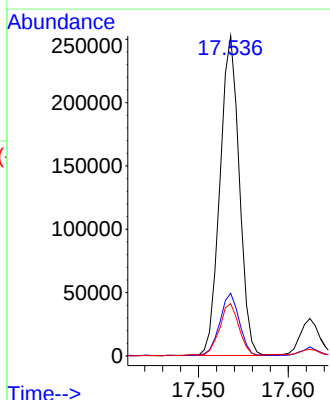
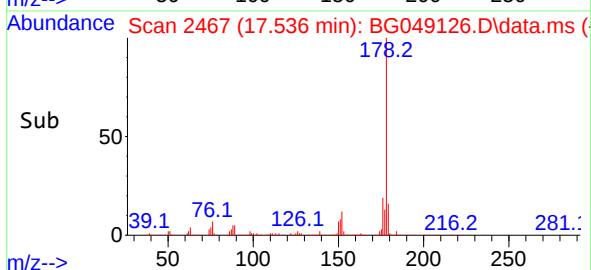
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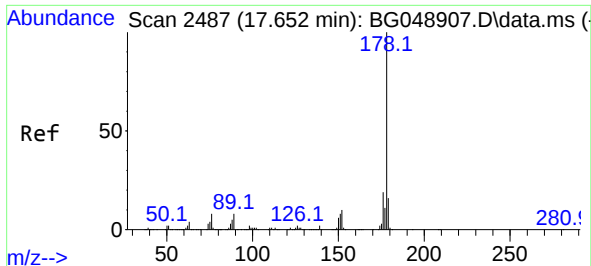


#71
Phenanthrene
Concen: 32.905 ng
RT: 17.536 min Scan# 2467
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

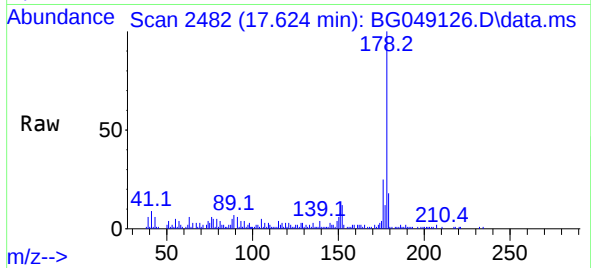


Tgt Ion:178 Resp: 376200
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.4 14.2 21.4

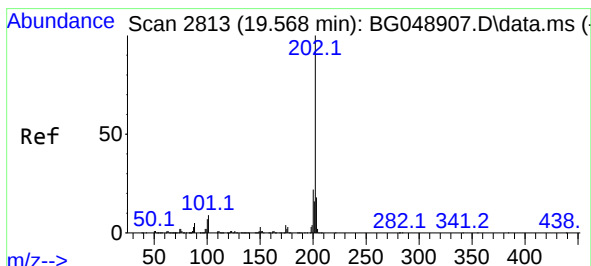
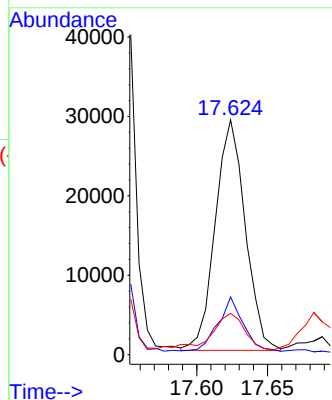
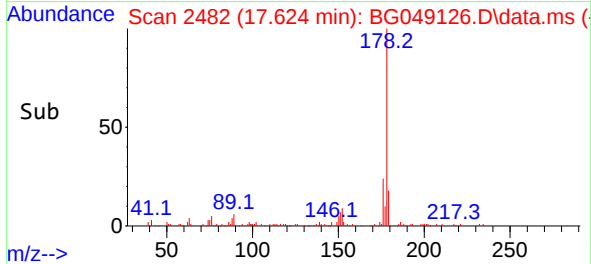




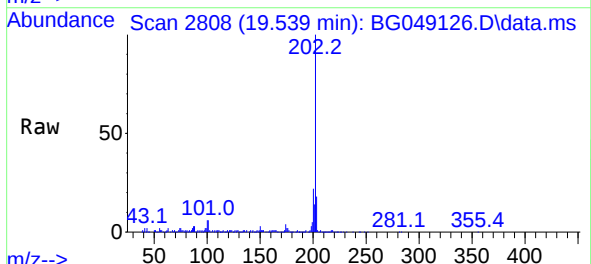
#72
 Anthracene
 Concen: 3.722 ng m
 RT: 17.624 min Scan# 2482
 Delta R.T. -0.006 min
 Lab File: BG049126.D
 Acq: 28 Jun 2021 19:45



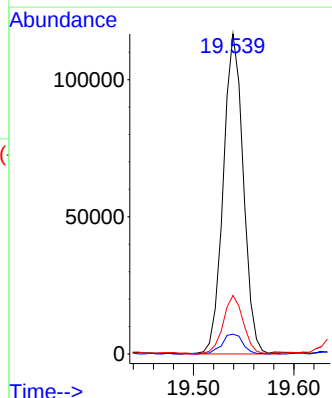
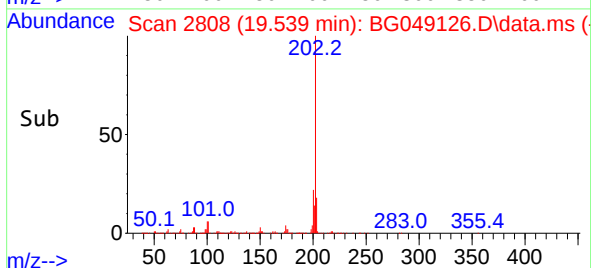
Tgt Ion:178 Resp: 42760
 Ion Ratio Lower Upper
 178 100
 176 24.6 14.6 21.8#
 179 17.6 13.4 20.0



#75
 Fluoranthene
 Concen: 11.724 ng
 RT: 19.539 min Scan# 2808
 Delta R.T. -0.006 min
 Lab File: BG049126.D
 Acq: 28 Jun 2021 19:45



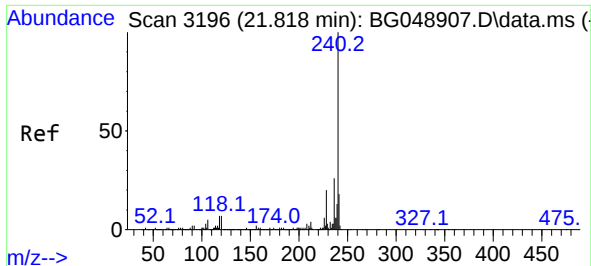
Tgt Ion:202 Resp: 161635
 Ion Ratio Lower Upper
 202 100
 101 6.2 0.0 24.7
 203 18.3 0.0 38.5



Instrument :
 BNA_G
 ClientSampleId :
 PW-2R

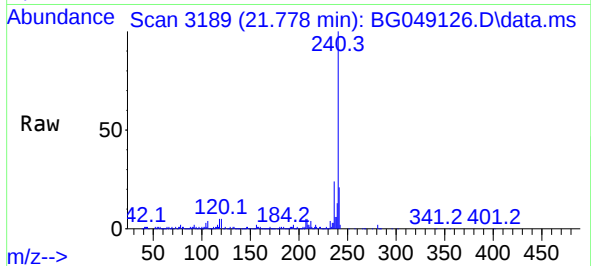
Manual Integrations
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.778 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

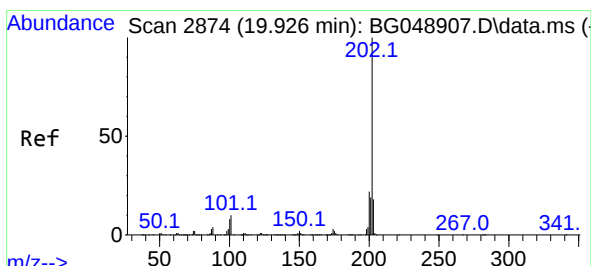
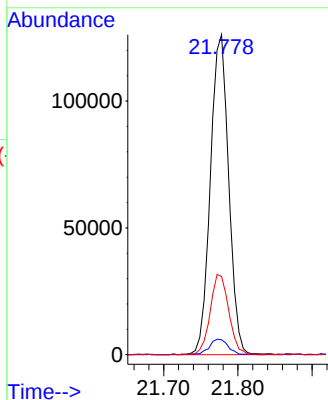
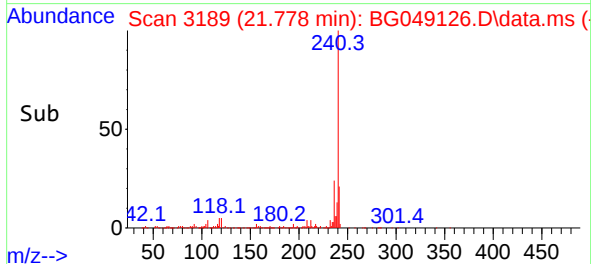
Instrument :
BNA_G
ClientSampleId :
PW-2R



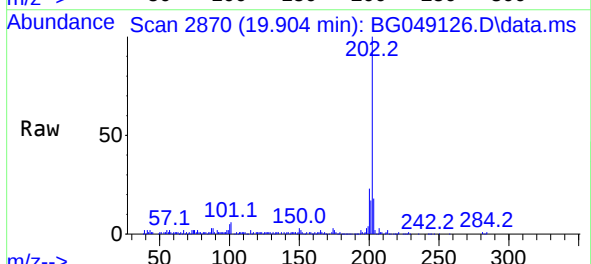
Tgt Ion:240 Resp: 216181
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.2
236 24.5 21.8 32.6

Manual Integrations
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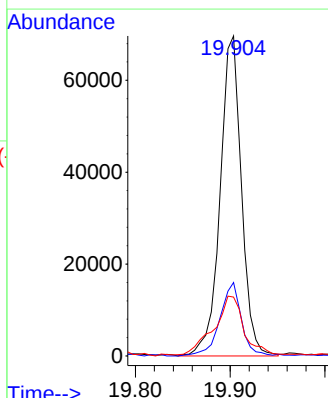
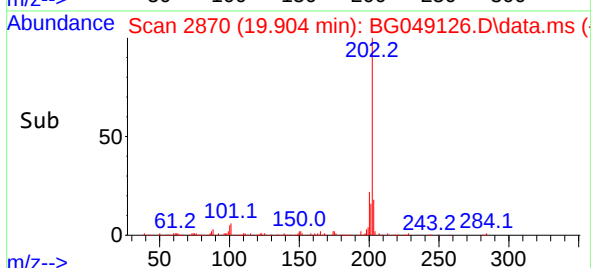
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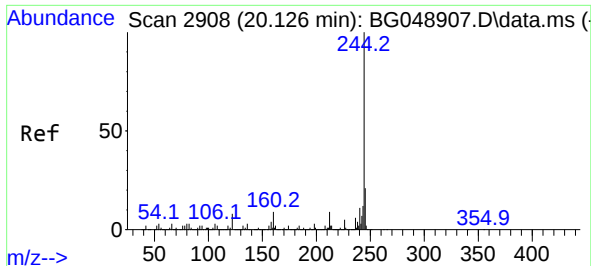


#78
Pyrene
Concen: 6.949 ng
RT: 19.904 min Scan# 2870
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45



Tgt Ion:202 Resp: 109040
Ion Ratio Lower Upper
202 100
200 22.9 15.8 23.8
203 18.4 14.6 21.8





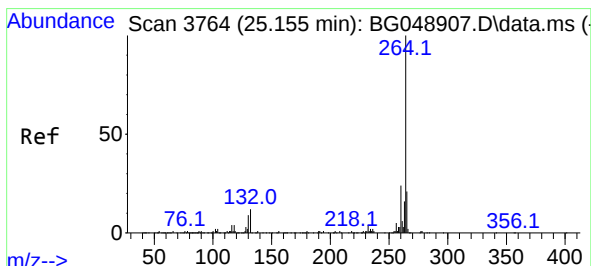
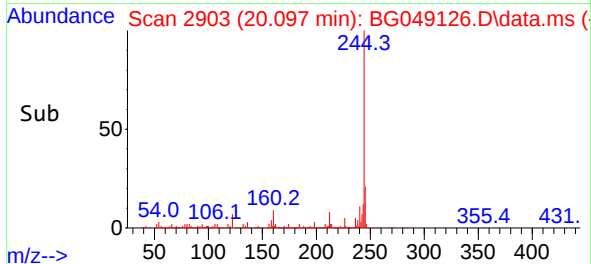
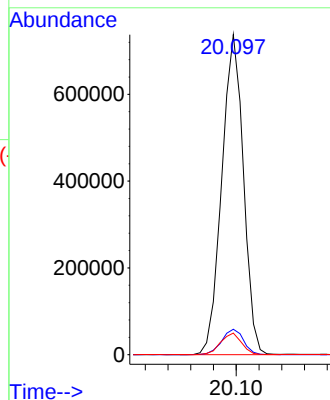
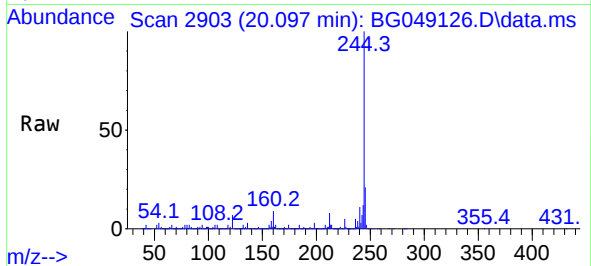
#79
Terphenyl-d14
Concen: 82.661 ng
RT: 20.097 min Scan# 2903
Delta R.T. -0.006 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:244 Resp: 975736
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.8 5.0 7.6

Instrument :
BNA_G
ClientSampled :
PW-2R

Manual Integrations
APPROVED

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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3752
Delta R.T. -0.017 min
Lab File: BG049126.D
Acq: 28 Jun 2021 19:45

Tgt Ion:264 Resp: 232280
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 22.2 16.9 25.3

