

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048866.D
 Acq On : 23 Apr 2021 16:51
 Operator : CG/JU
 Sample : M2107-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-0-2.0

Manual Integrations
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Quant Time: Apr 23 18:36:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	23656	20.00	ng	# 0.00
21) Naphthalene-d8	10.882	136	98212	20.00	ng	#-0.01
39) Acenaphthene-d10	14.712	164	66583	20.00	ng	-0.01
64) Phenanthrene-d10	17.474	188	149445	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	129948	20.00	ng	-0.01
86) Perylene-d12	25.094	264	130689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	162171	114.66	ng	0.00
7) Phenol-d6	7.221	99	212215	106.07	ng	0.00
23) Nitrobenzene-d5	9.225	82	160107	72.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.211	330	86575	96.98	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	335378	72.74	ng	-0.01
79) Terphenyl-d14	20.083	244	484315	64.15	ng	-0.01
Target Compounds						
75) Fluoranthene	19.524	202	24556	2.50	ng	Qvalue 96
78) Pyrene	19.895	202	21358m	2.38	ng	

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

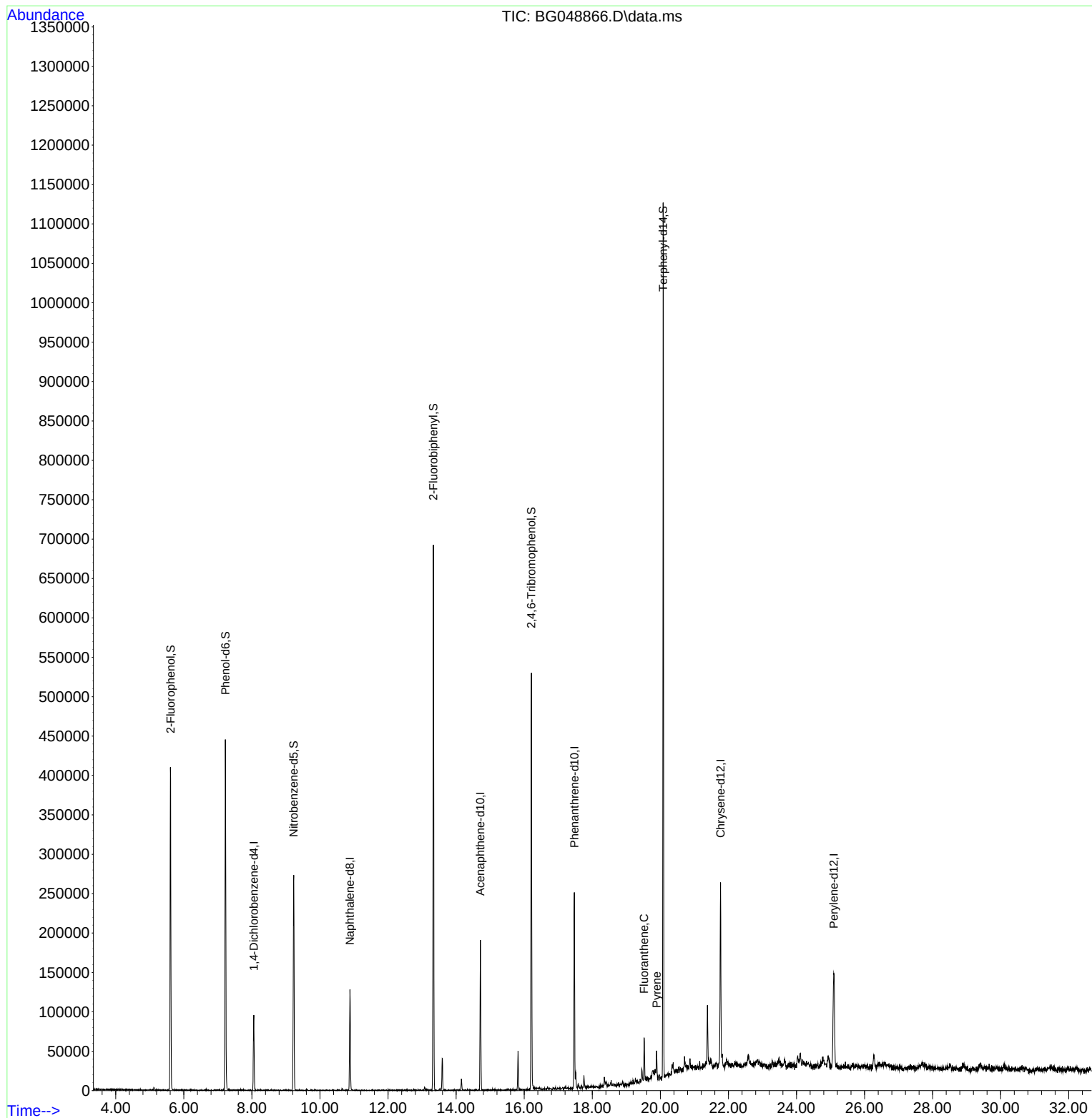
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Data File : BG048866.D
Acq On : 23 Apr 2021 16:51
Operator : CG/JU
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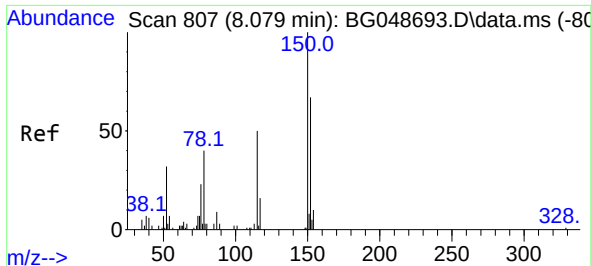
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





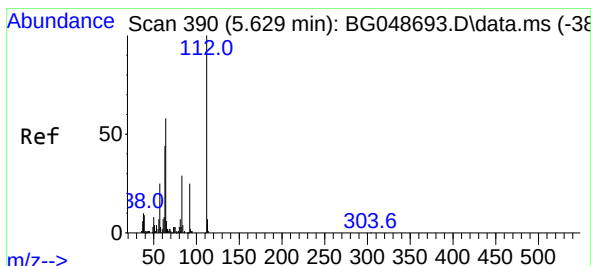
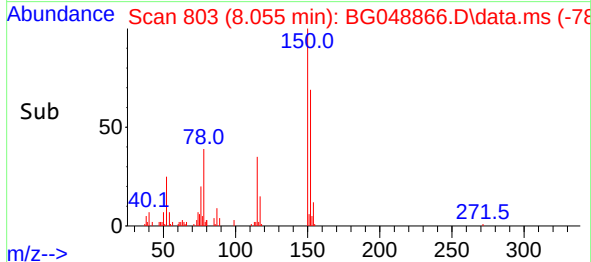
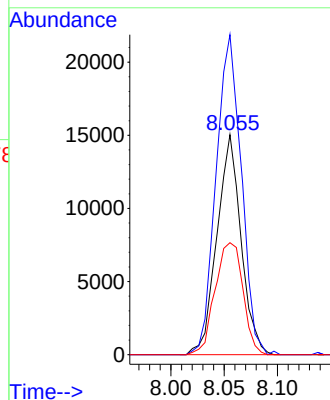
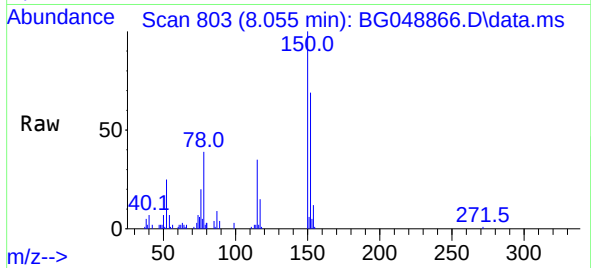
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.055 min Scan# 803
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:152 Resp: 23656
Ion Ratio Lower Upper
152 100
150 145.5 119.4 179.0
115 50.9 60.2 90.4#

Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

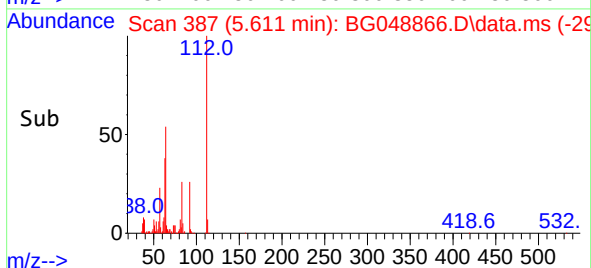
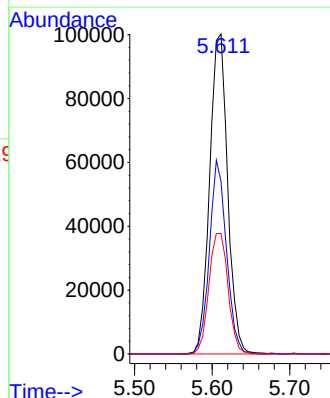
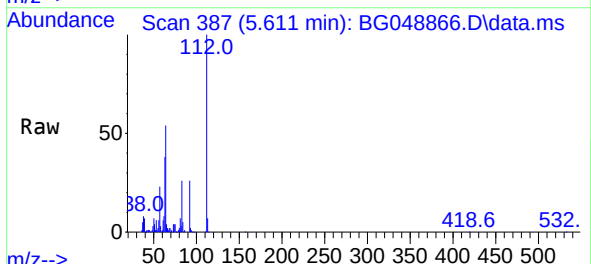
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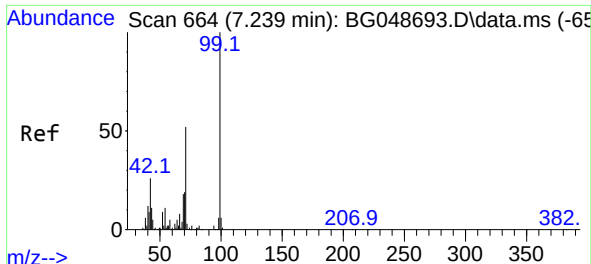
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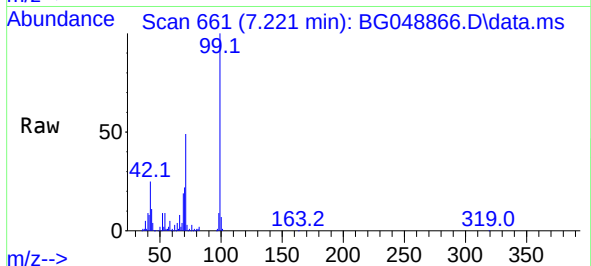
#5
2-Fluorophenol
Concen: 114.66 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:112 Resp: 162171
Ion Ratio Lower Upper
112 100
64 53.9 46.7 70.1
63 37.6 35.3 52.9

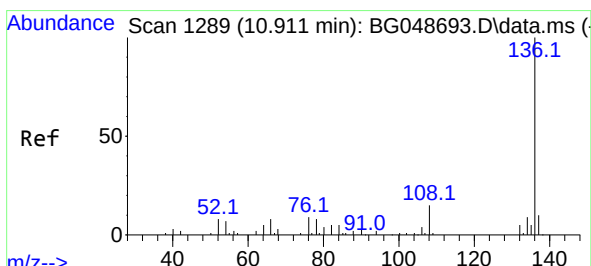
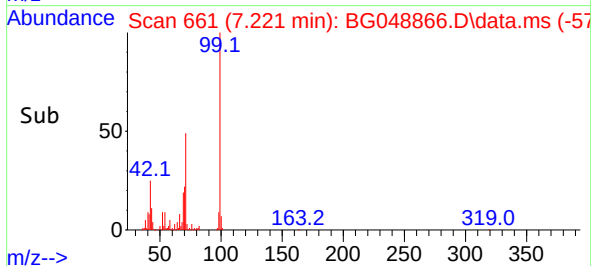
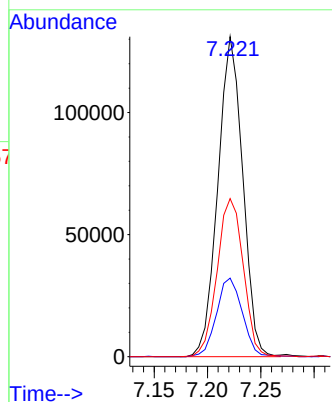




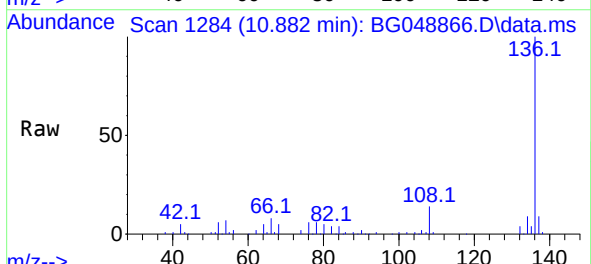
#7
Phenol-d6
Concen: 106.07 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51



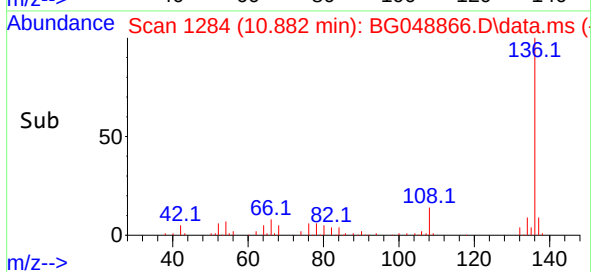
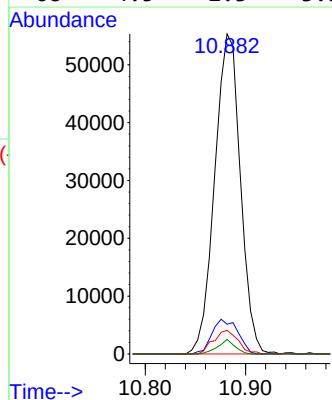
Tgt Ion: 99 Resp: 212215
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 49.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.882 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51



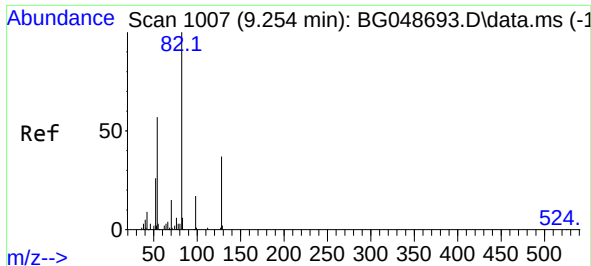
Tgt Ion: 136 Resp: 98212
Ion Ratio Lower Upper
136 100
137 9.3 8.2 12.2
54 7.4 5.5 8.3
68 4.5 2.3 3.5#



Instrument :
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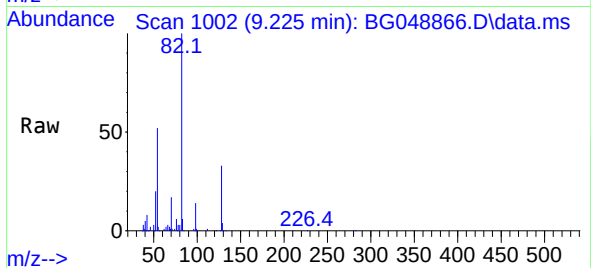
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#23
Nitrobenzene-d5
Concen: 72.99 ng
RT: 9.225 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

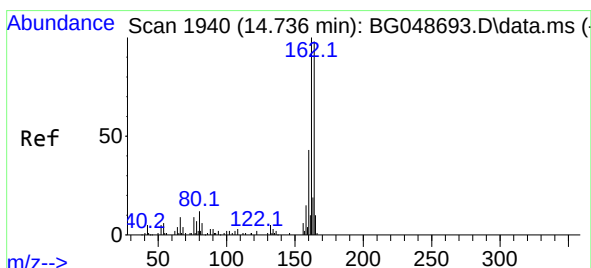
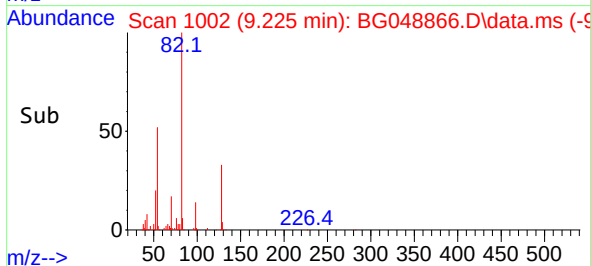
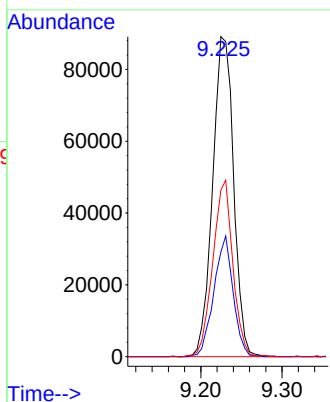
Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0



Tgt Ion: 82 Resp: 160107
Ion Ratio Lower Upper
82 100
128 32.7 29.8 44.6
54 52.1 45.8 68.8

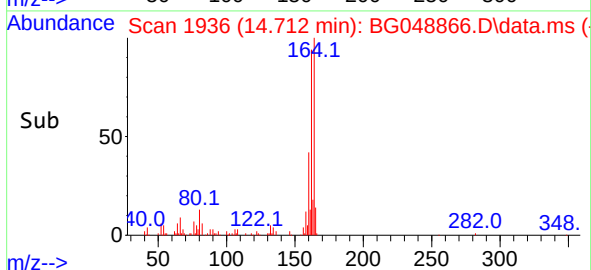
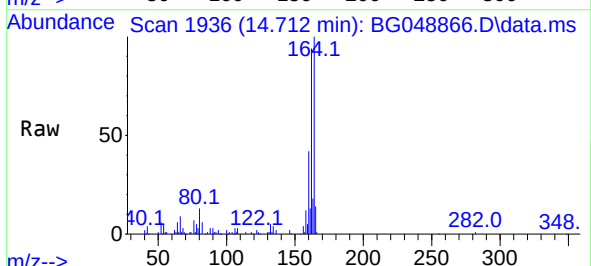
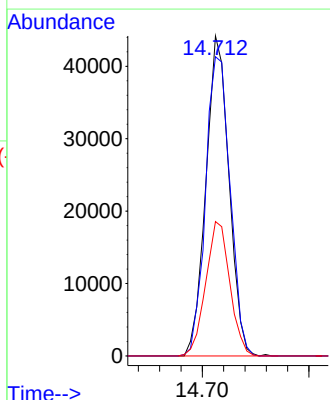
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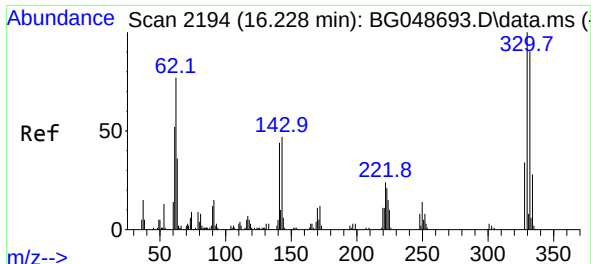
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.712 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

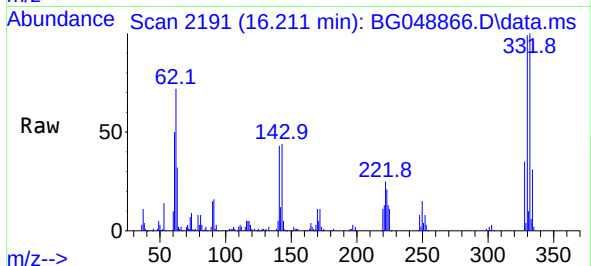
Tgt Ion: 164 Resp: 66583
Ion Ratio Lower Upper
164 100
162 93.5 81.4 122.0
160 42.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 96.98 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

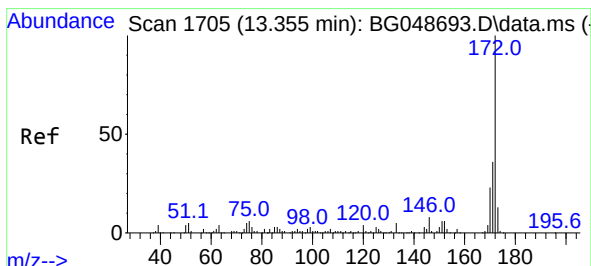
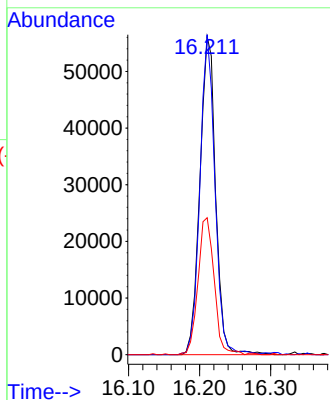
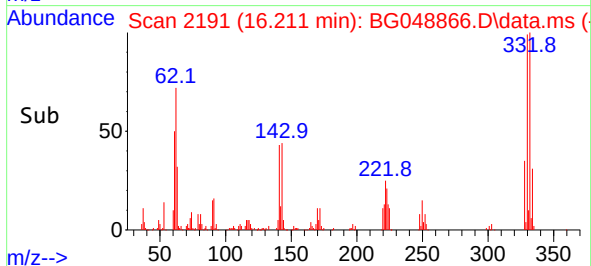
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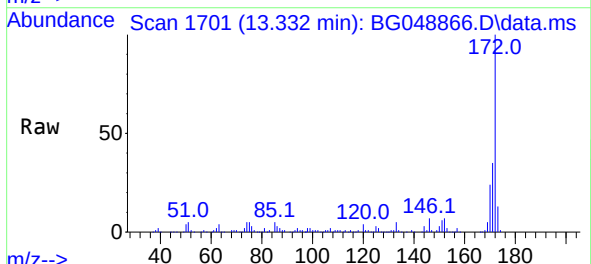
Tgt Ion:330 Resp: 86575
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 44.2 35.6 53.4

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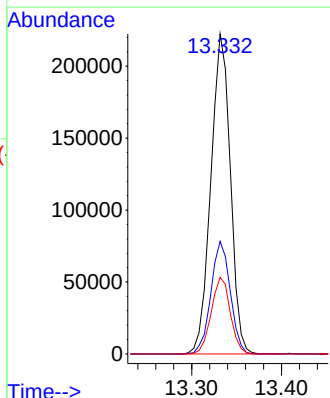
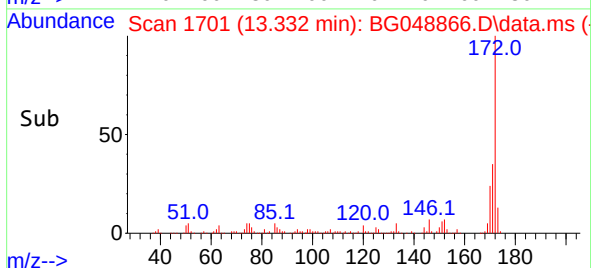
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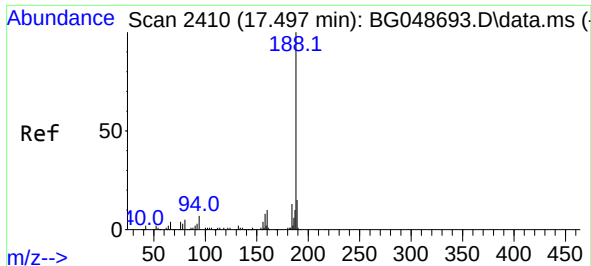


#45
2-Fluorobiphenyl
Concen: 72.74 ng
RT: 13.332 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

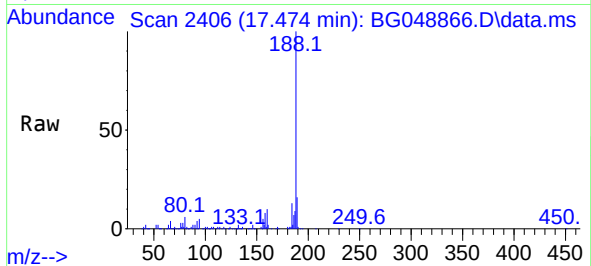


Tgt Ion:172 Resp: 335378
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 18.6 27.8

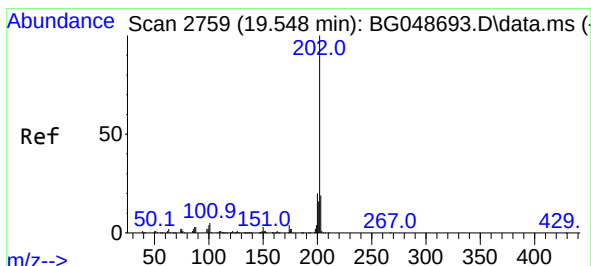
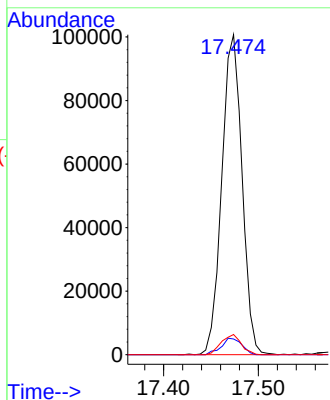
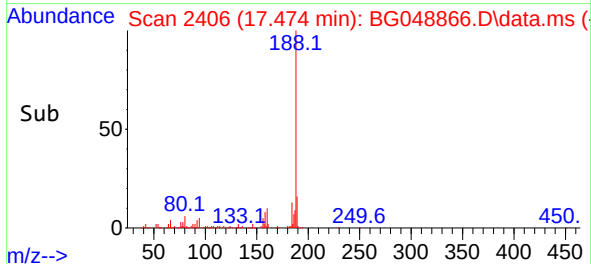




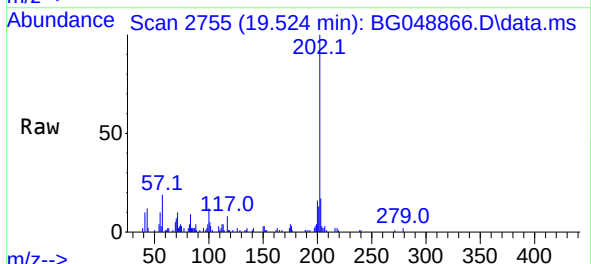
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51



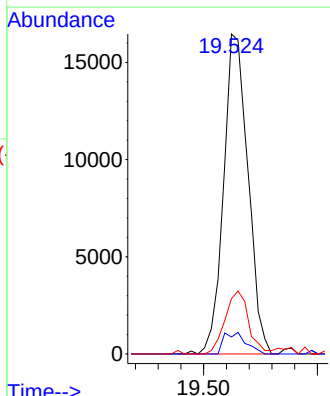
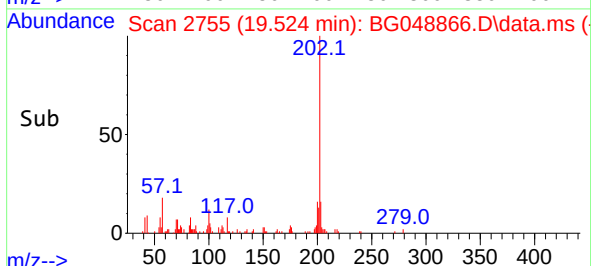
Tgt Ion:188 Resp: 149445
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.3 3.7 5.5#



#75
Fluoranthene
Concen: 2.50 ng
RT: 19.524 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51



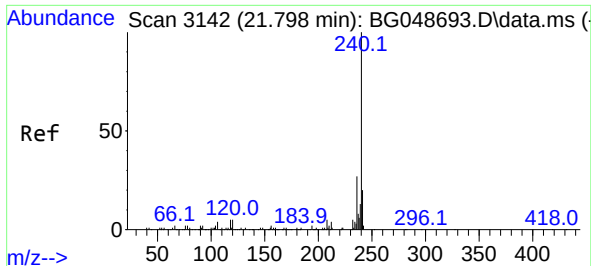
Tgt Ion:202 Resp: 24556
Ion Ratio Lower Upper
202 100
101 8.0 0.0 24.7
203 17.3 0.0 38.5



Instrument :
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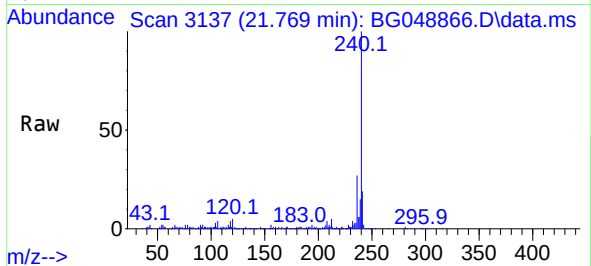
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

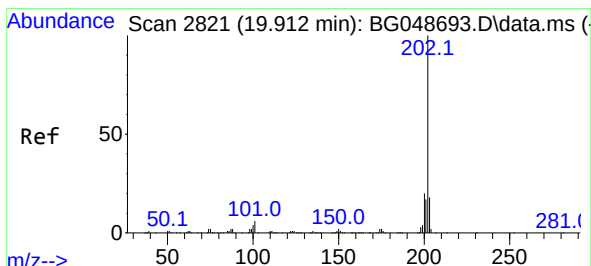
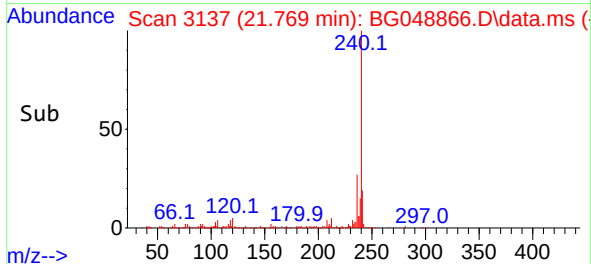
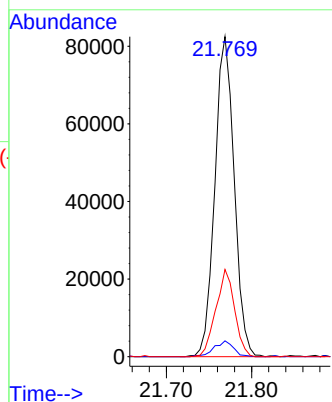
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0



Tgt Ion:240 Resp: 129948
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 27.3 21.8 32.6

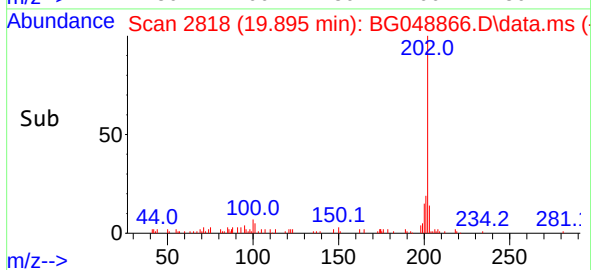
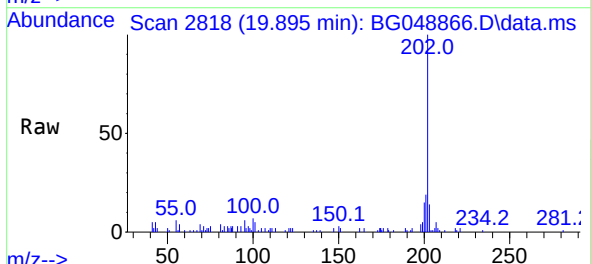
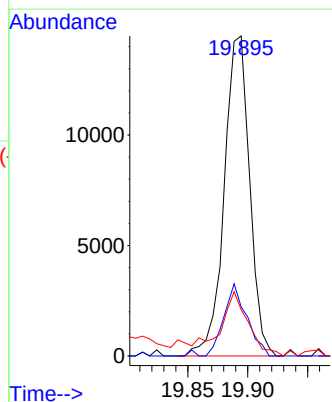
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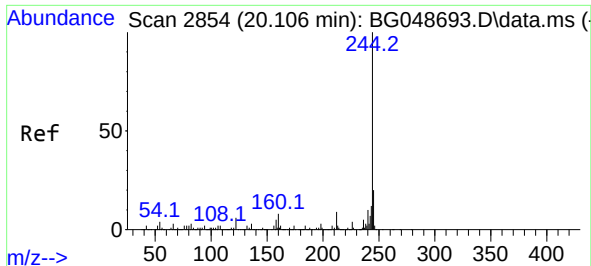
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#78
Pyrene
Concen: 2.38 ng m
RT: 19.895 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BG048866.D
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Tgt Ion:202 Resp: 21358
Ion Ratio Lower Upper
202 100
200 15.4 15.8 23.8#
203 14.4 14.6 21.8#





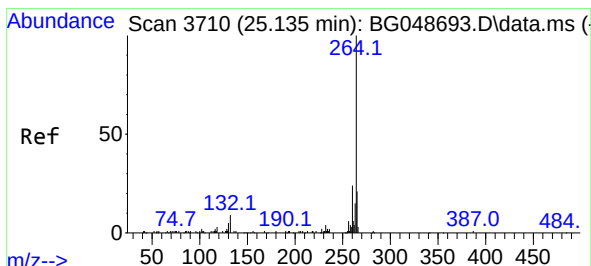
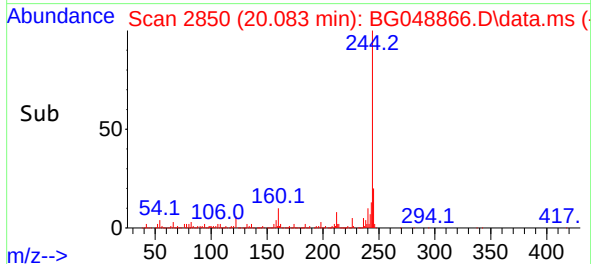
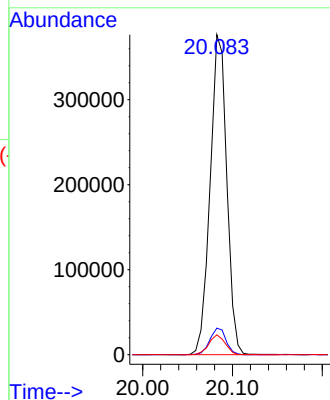
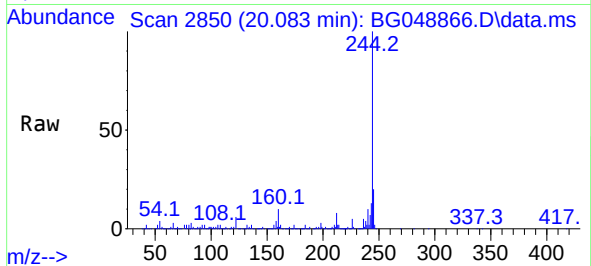
#79
Terphenyl-d14
Concen: 64.15 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:	244	Resp:	484315
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.9	10.3
122	6.2	5.0	7.6

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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3703
Delta R.T. -0.018 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:	264	Resp:	130689
Ion Ratio	Lower	Upper	
264	100		
260	21.5	19.4	29.2
265	23.1	16.9	25.3

