

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048433.D
 Acq On : 19 Mar 2021 21:07
 Operator : CG/JU
 Sample : M1732-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(0.5-1.0)

Manual Integrations
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Quant Time: Mar 19 22:52:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	48464	20.00	ng	0.00
21) Naphthalene-d8	10.930	136	188893	20.00	ng	# 0.00
39) Acenaphthene-d10	14.749	164	152558	20.00	ng	0.00
64) Phenanthrene-d10	17.499	188	380326	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	386551	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	396477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	275180	93.90	ng	0.00
7) Phenol-d6	7.252	99	391766	91.87	ng	0.00
23) Nitrobenzene-d5	9.273	82	298345	63.15	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	245475	98.94	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	588019	55.45	ng	0.00
79) Terphenyl-d14	20.107	244	996130	46.47	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.191	163	29896	2.41	ng	100
75) Fluoranthene	19.549	202	56339	2.11	ng	97
78) Pyrene	19.914	202	95978	3.62	ng	96
81) Benzo(a)anthracene	21.770	228	93481	3.49	ng	98
83) Chrysene	21.841	228	128256	4.99	ng	97
88) Benzo(b)fluoranthene	24.062	252	170483	6.10	ng	# 92
90) Benzo(a)pyrene	24.967	252	94075m	3.69	ng	

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

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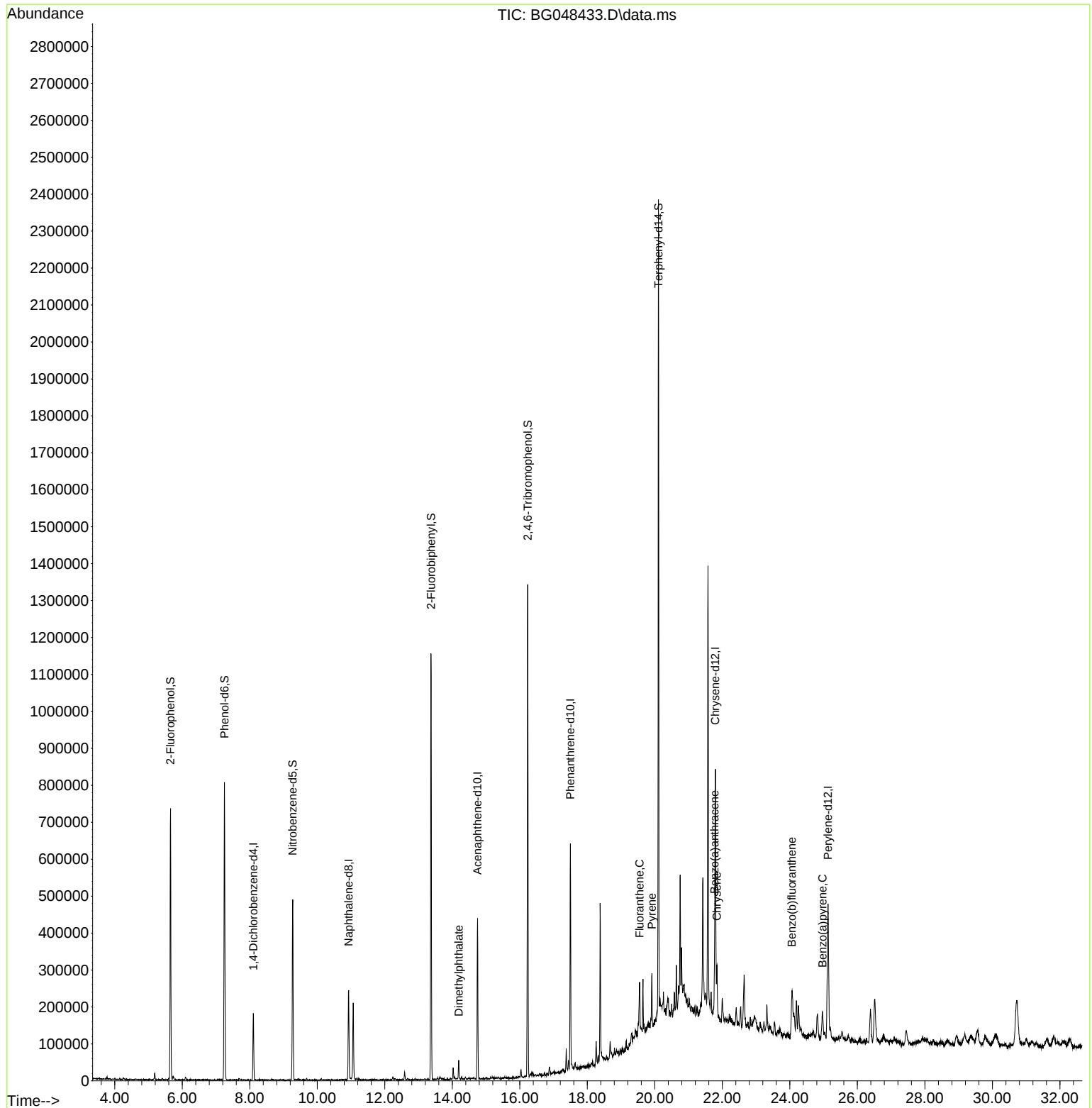
Instrument :
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SB-3A-(0.5-1.0)

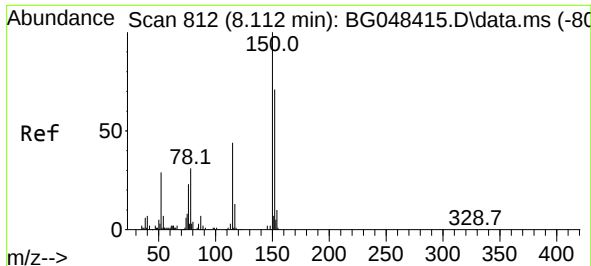
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 16:38:55 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.110 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

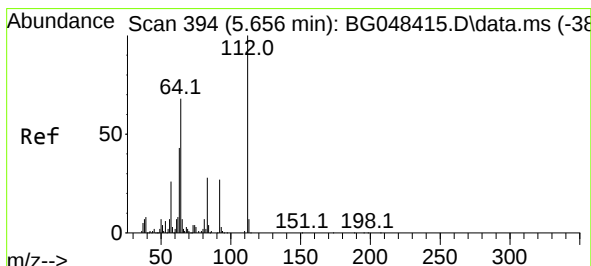
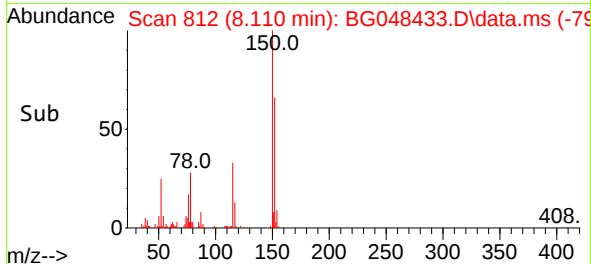
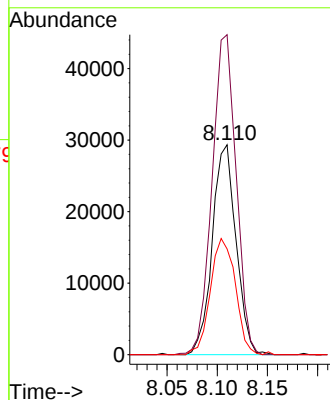
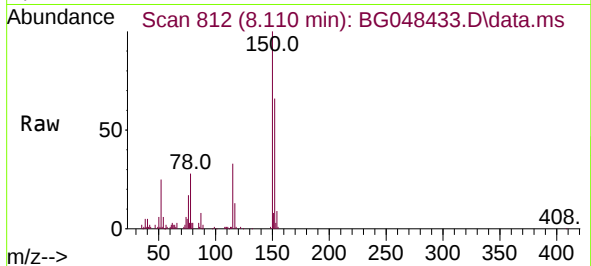
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.0	187.6
115	50.4	41.8	62.6

Instrument :
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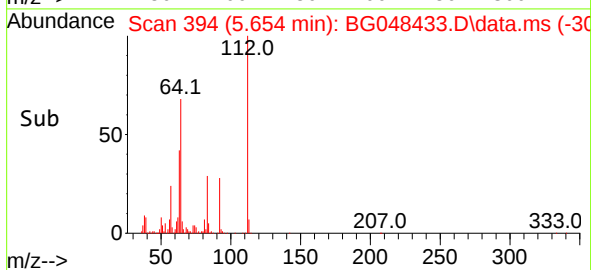
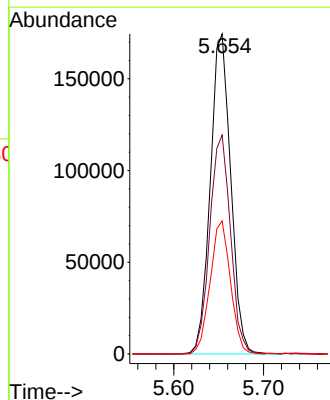
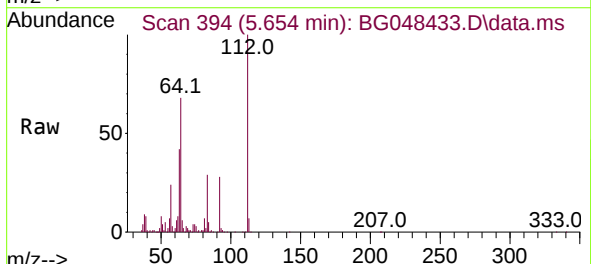
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#5
2-Fluorophenol
Concen: 93.90 ng
RT: 5.654 min Scan# 394
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	46.7	70.1
63	41.5	22.8	34.2





#7
Phenol-d6
Concen: 91.87 ng
RT: 7.252 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

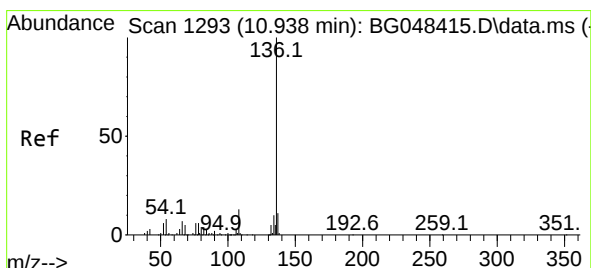
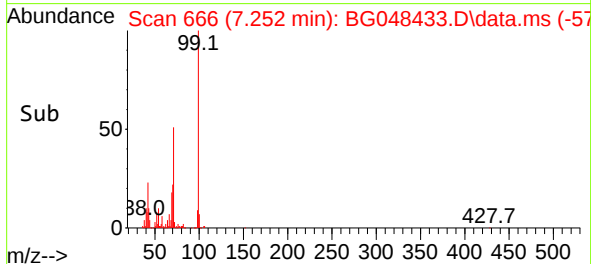
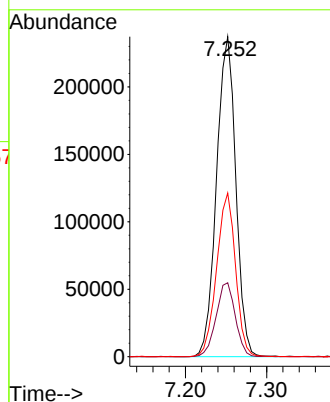
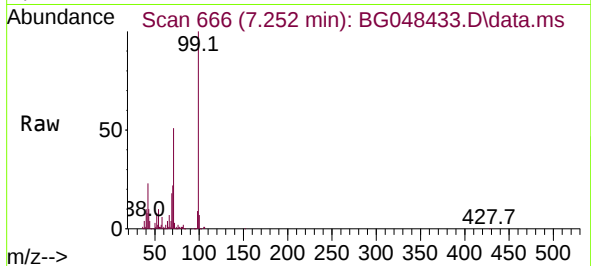
Tgt Ion: 99 Resp: 391766
Ion Ratio Lower Upper
99 100
42 23.1 12.8 19.2#
71 51.1 24.6 36.8#

Instrument :
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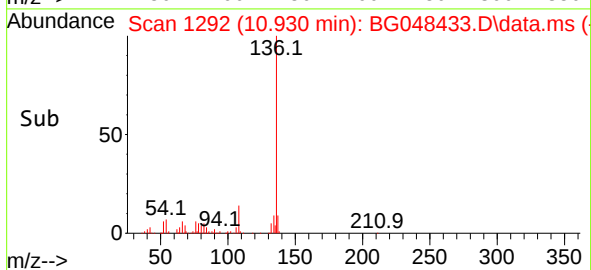
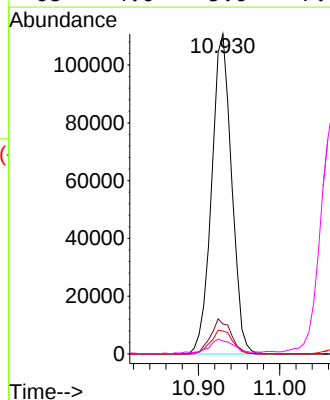
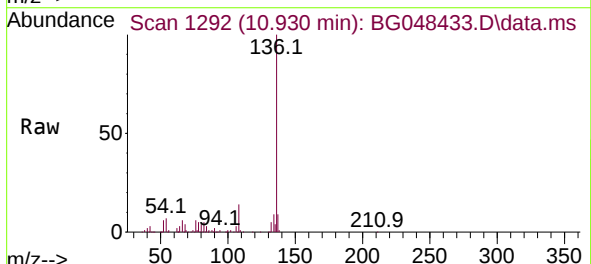
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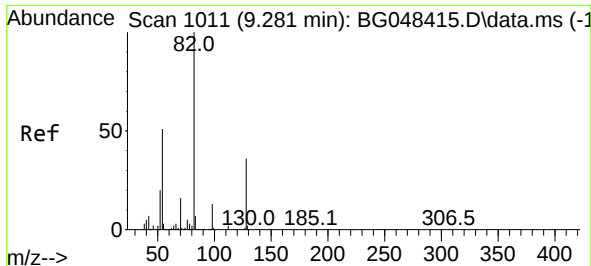
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.930 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion: 136 Resp: 188893
Ion Ratio Lower Upper
136 100
137 9.4 9.1 13.7
54 7.1 6.2 9.4
68 4.0 5.0 7.4#





#23
Nitrobenzene-d5
Concen: 63.15 ng
RT: 9.273 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

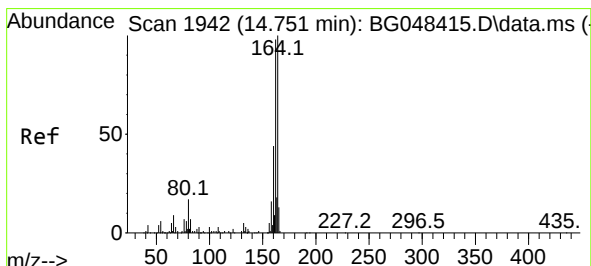
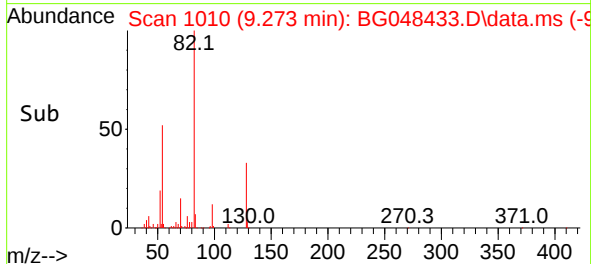
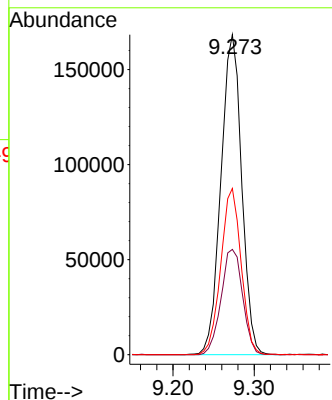
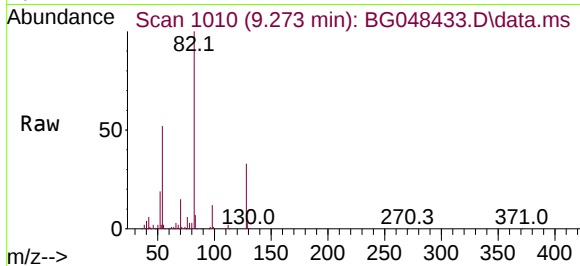
Tgt Ion: 82 Resp: 298345
Ion Ratio Lower Upper
82 100
128 32.9 37.0 55.6#
54 51.9 39.0 58.4

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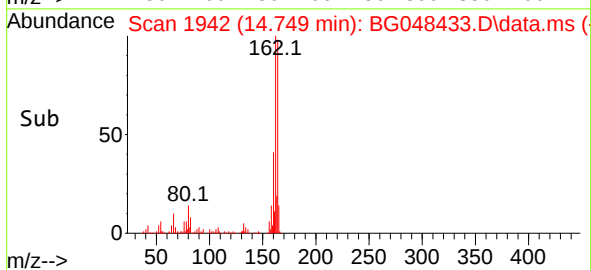
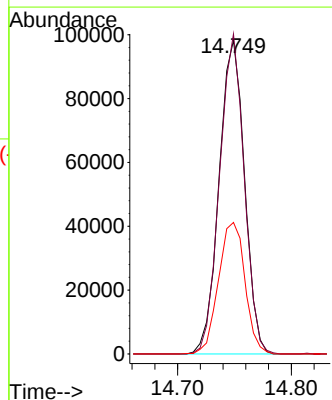
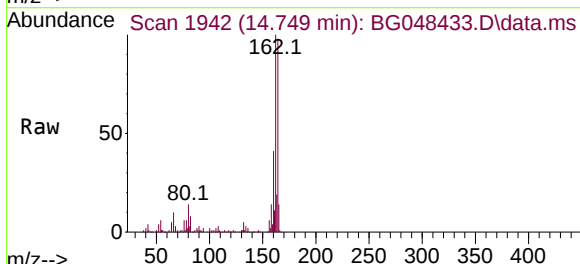
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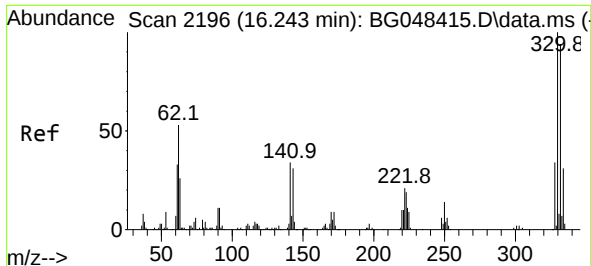
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.749 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

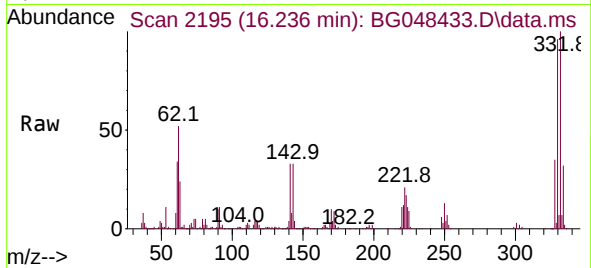
Tgt Ion: 164 Resp: 152558
Ion Ratio Lower Upper
164 100
162 102.0 82.3 123.5
160 42.0 35.3 52.9





#42
2,4,6-Tribromophenol
Concen: 98.94 ng
RT: 16.236 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

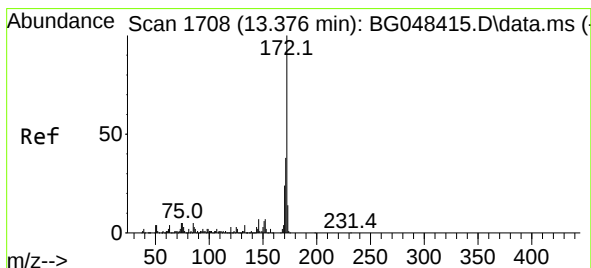
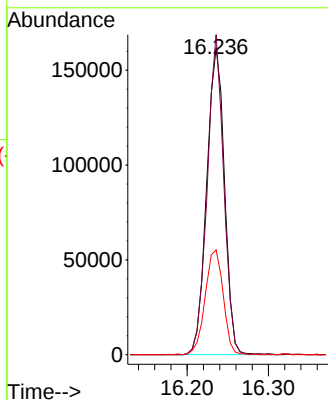
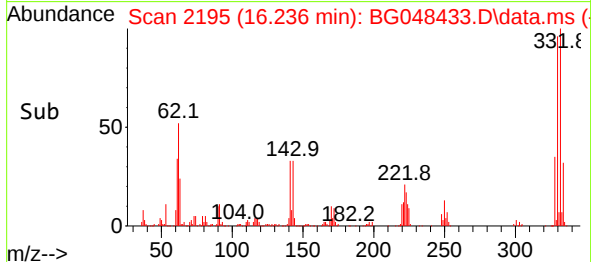


Tgt Ion:330 Resp: 245475
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.8 26.0 39.0

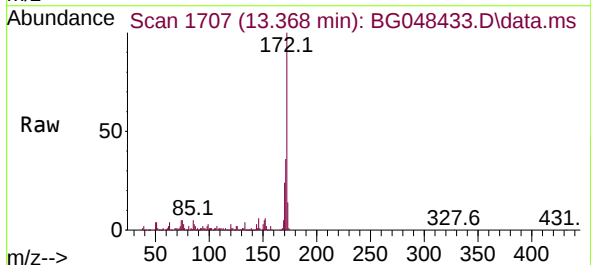
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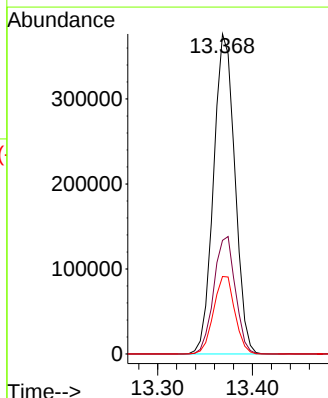
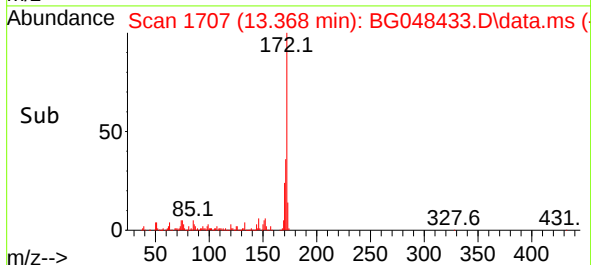
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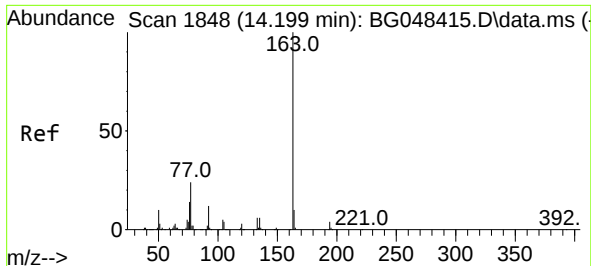


#45
2-Fluorobiphenyl
Concen: 55.45 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

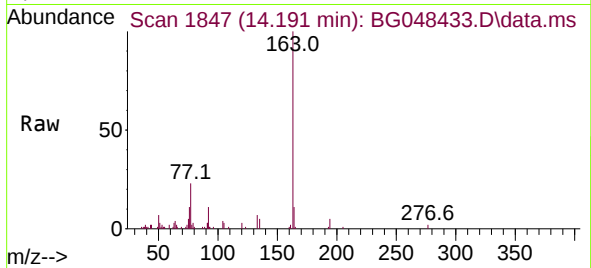


Tgt Ion:172 Resp: 588019
Ion Ratio Lower Upper
172 100
171 35.5 31.3 46.9
170 24.2 20.8 31.2

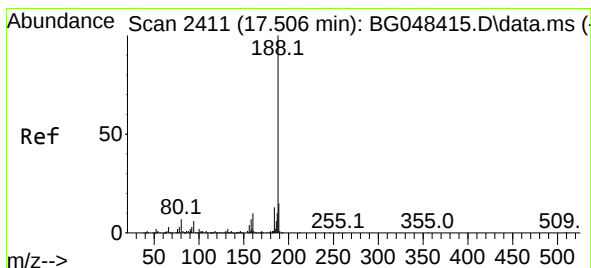
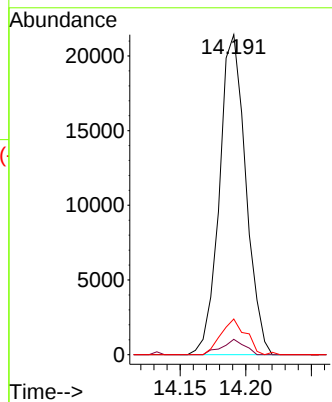
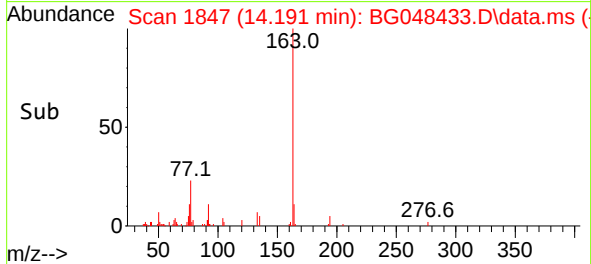




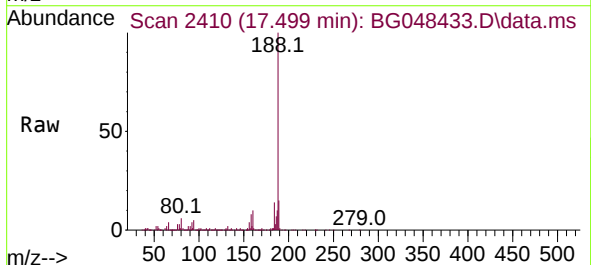
#50
Dimethylphthalate
Concen: 2.41 ng
RT: 14.191 min Scan# 1847
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07



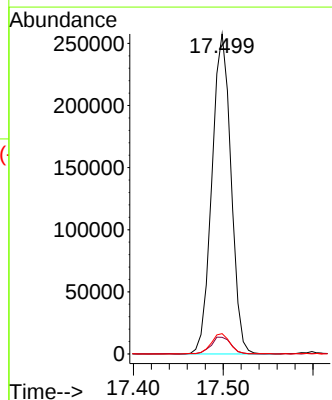
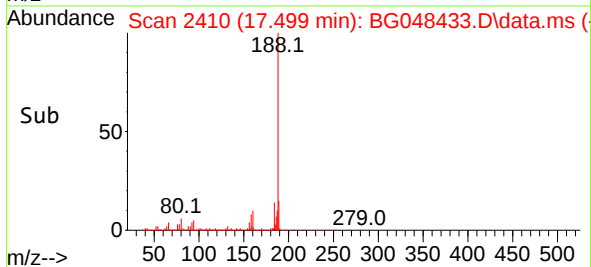
Tgt Ion:163 Resp: 29896
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 11.2 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.499 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07



Tgt Ion:188 Resp: 380326
Ion Ratio Lower Upper
188 100
94 5.2 6.3 9.5#
80 6.3 7.0 10.6#

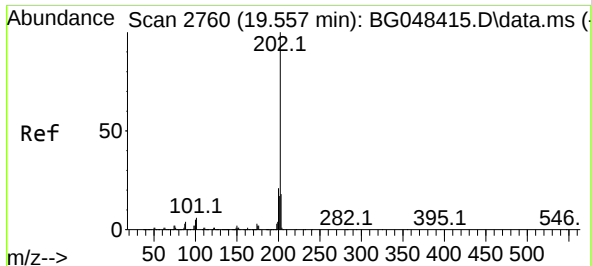


Instrument :
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#75
Fluoranthene
Concen: 2.11 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

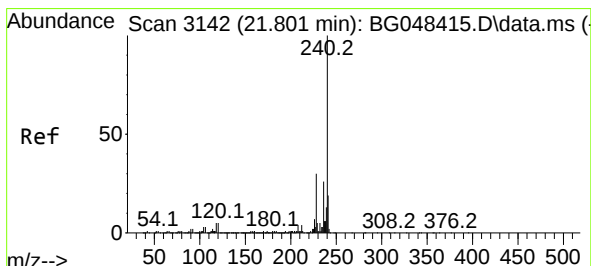
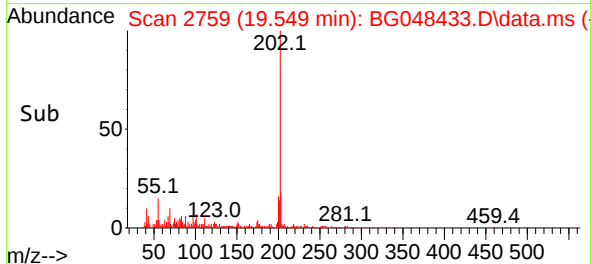
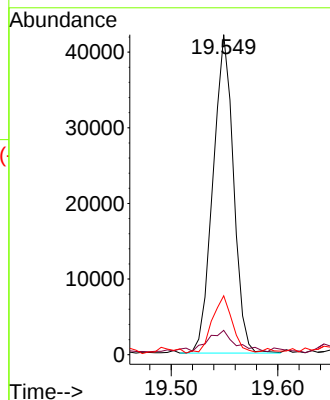
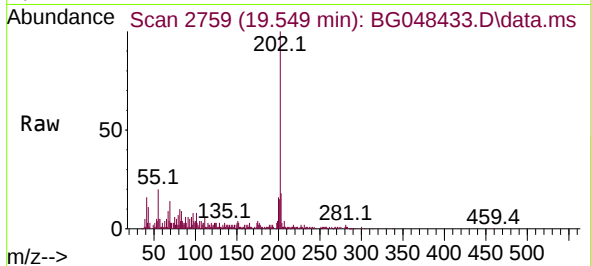
Tgt Ion:	202	Resp:	56339
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	29.7
203	18.4	0.0	39.2

Instrument :
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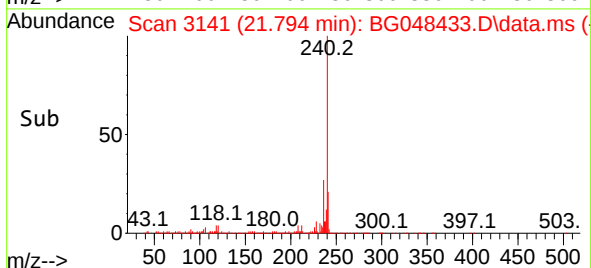
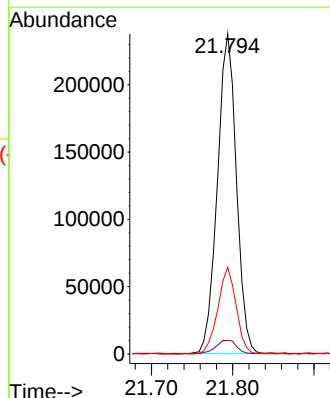
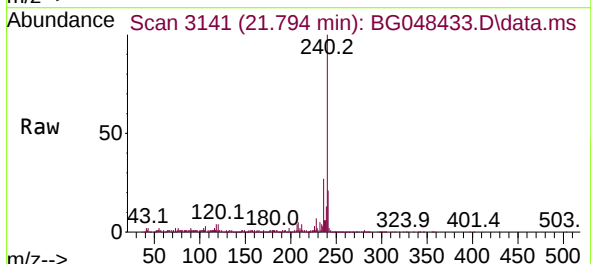
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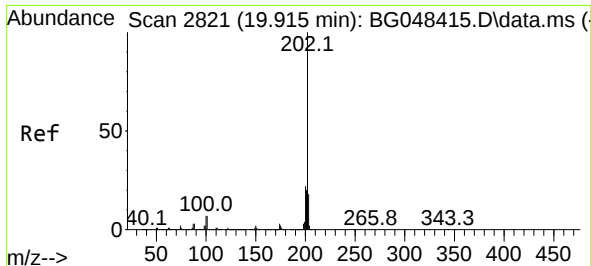
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:	240	Resp:	386551
Ion Ratio	Lower	Upper	
240	100		
120	4.3	6.2	9.4#
236	27.0	20.5	30.7





#78
Pyrene
Concen: 3.62 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

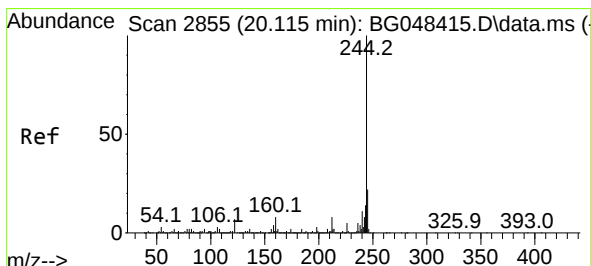
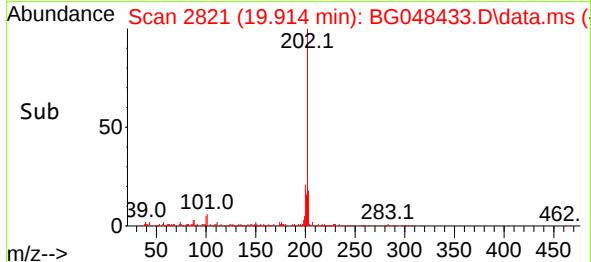
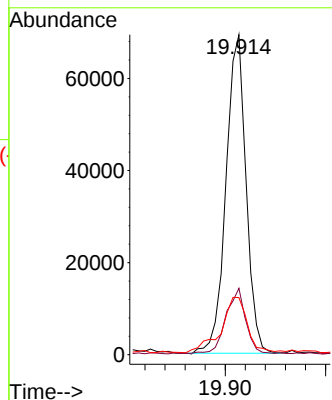
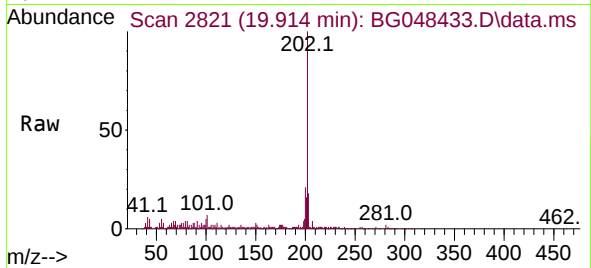
Tgt Ion:	202	Resp:	95978
Ion Ratio	Lower	Upper	
202	100		
200	20.7	18.6	27.8
203	17.8	15.3	22.9

Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

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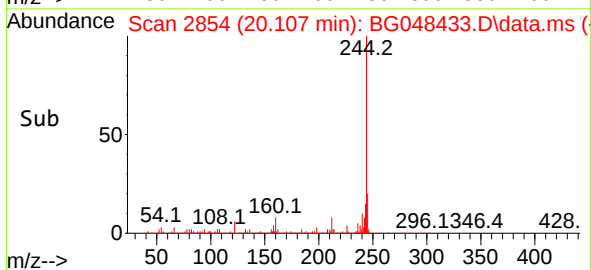
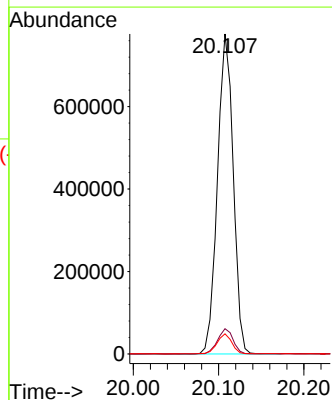
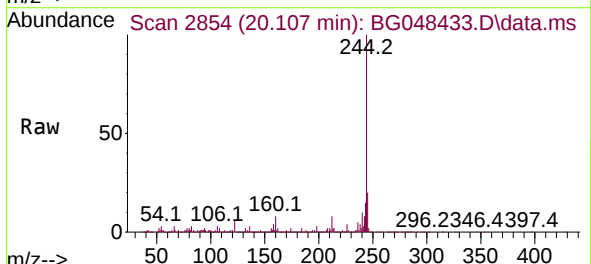
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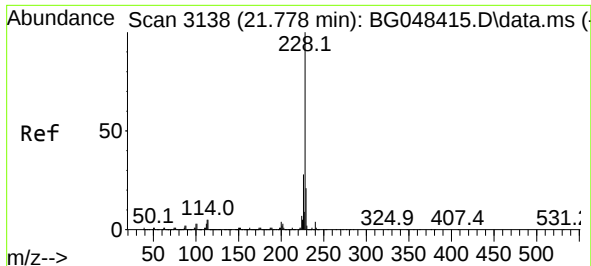
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#79
Terphenyl-d14
Concen: 46.47 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:	244	Resp:	996130
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.7	10.1
122	6.3	7.8	11.6#





#81
Benzo(a)anthracene
Concen: 3.49 ng
RT: 21.770 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

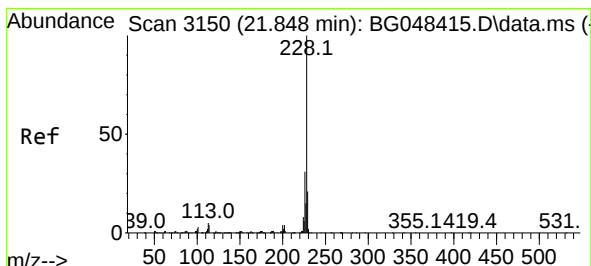
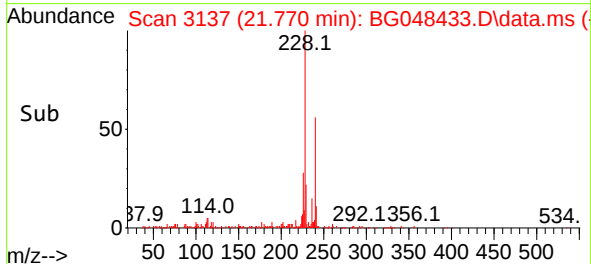
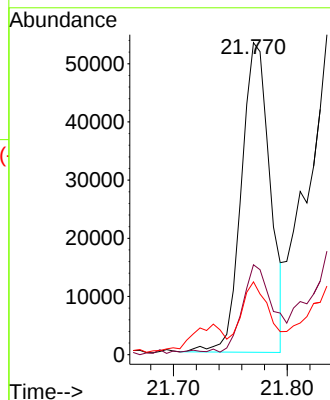
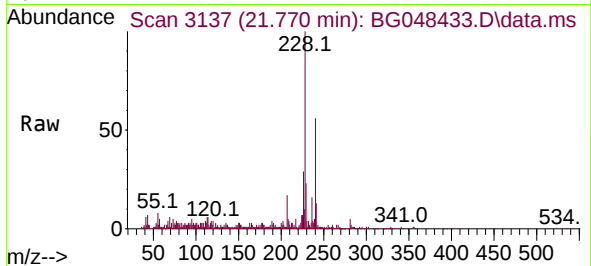
Tgt Ion:228 Resp: 93481
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 23.3 17.4 26.0

Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

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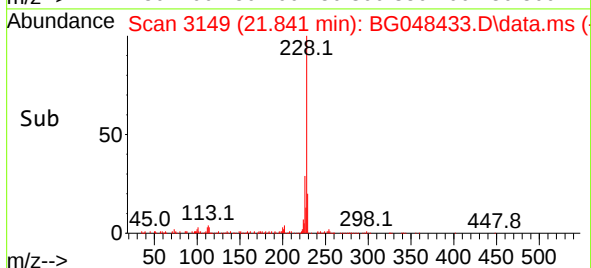
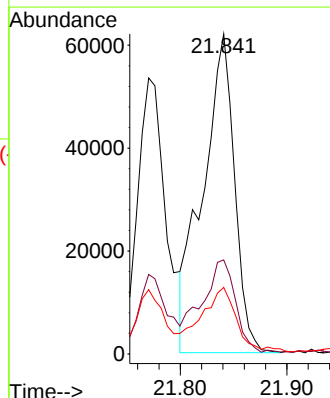
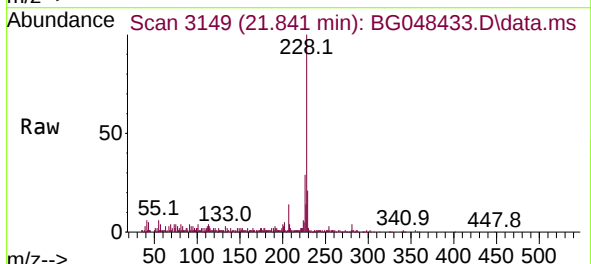
mohammad
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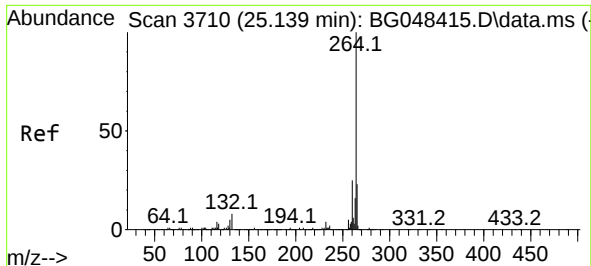
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#83
Chrysene
Concen: 4.99 ng
RT: 21.841 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:228 Resp: 128256
Ion Ratio Lower Upper
228 100
226 29.4 25.0 37.4
229 20.8 17.3 25.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.008 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

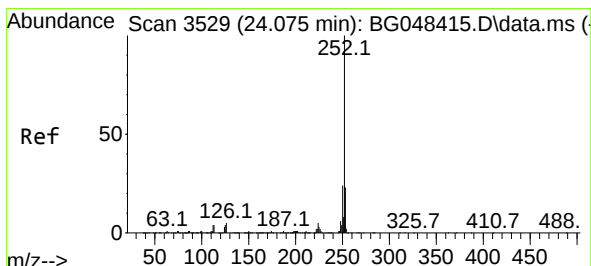
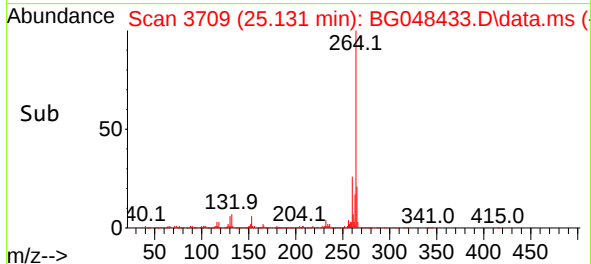
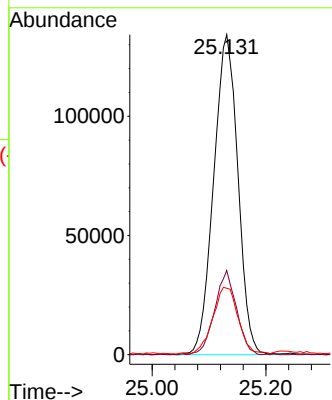
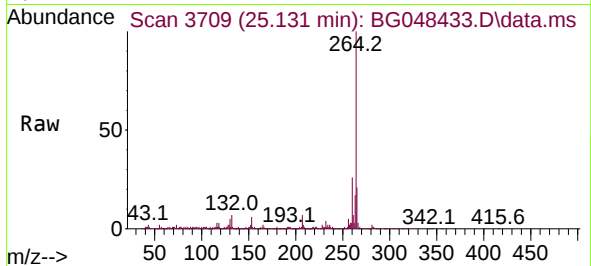
Tgt Ion:	264	Resp:	396477
Ion Ratio	Lower	Upper	
264	100		
260	26.3	18.8	28.2
265	20.8	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
SB-3A-(0.5-1.0)

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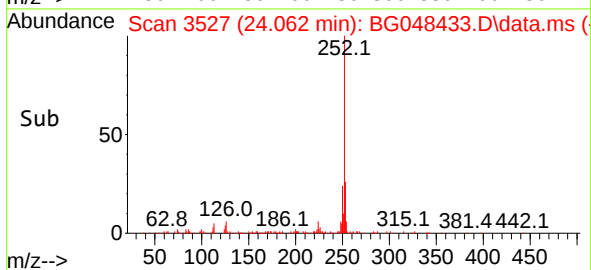
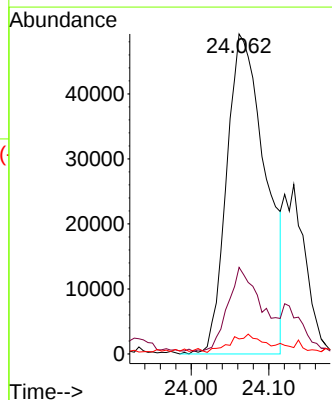
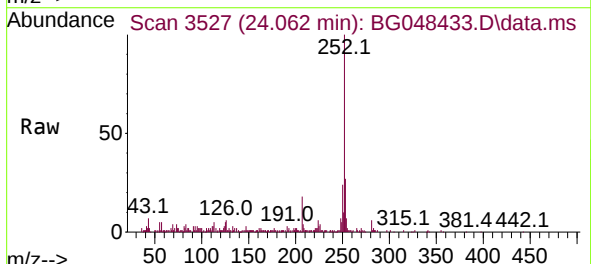
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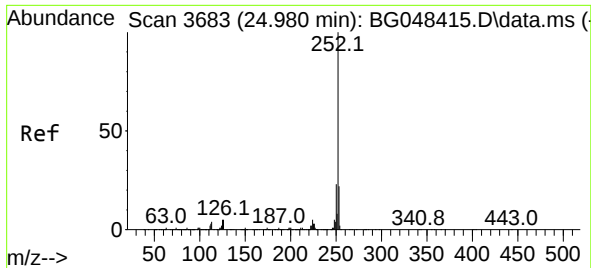
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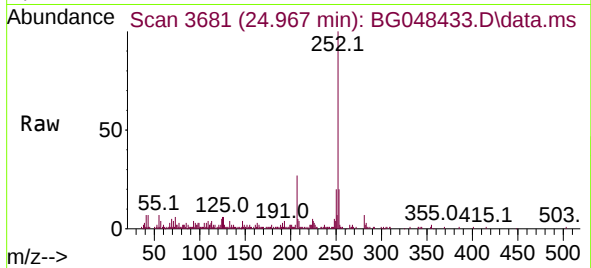
#88
Benzo(b)fluoranthene
Concen: 6.10 ng
RT: 24.062 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BG048433.D
Acq: 19 Mar 2021 21:07

Tgt Ion:	252	Resp:	170483
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.7	28.1
125	4.7	6.5	9.7#

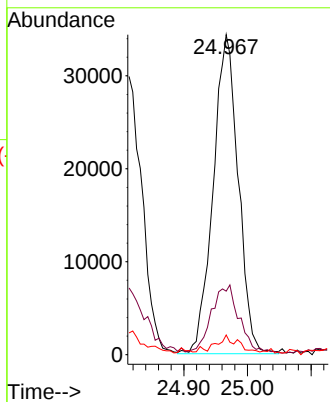
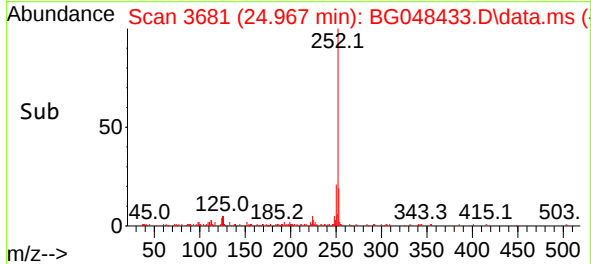




#90
 Benzo(a)pyrene
 Concen: 3.69 ng m
 RT: 24.967 min Scan# 3681
 Delta R.T. -0.014 min
 Lab File: BG048433.D
 Acq: 19 Mar 2021 21:07



Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.9	26.9
125	6.2	7.0	10.4#



Instrument :
 BNA_G
 ClientSampleId :
 SB-3A-(0.5-1.0)

Manual Integrations
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