

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048594.D
 Acq On : 5 Apr 2021 22:01
 Operator : CG/JU
 Sample : M1836-12DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5-19-21DL

Manual Integrations
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Quant Time: Apr 06 04:43:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	39210	20.00	ng	0.00
21) Naphthalene-d8	10.923	136	167575	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	117740	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	255235	20.00	ng	0.00
76) Chrysene-d12	21.799	240	180201	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	180463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	100095	45.07	ng	0.00
7) Phenol-d6	7.245	99	133030	41.30	ng	0.00
23) Nitrobenzene-d5	9.266	82	95796	27.68	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	58580	37.85	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	225905	28.52	ng	0.00
79) Terphenyl-d14	20.107	244	272603	27.66	ng	0.00
Target Compounds						
31) Naphthalene	10.976	128	336886	39.10	ng	# 95
37) 2-Methylnaphthalene	12.574	142	263328	38.39	ng	97
38) 1-Methylnaphthalene	12.792	142	125087m	19.12	ng	
71) Phenanthrene	17.545	178	46729	3.53	ng	# 94
78) Pyrene	19.913	202	31965m	2.58	ng	

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

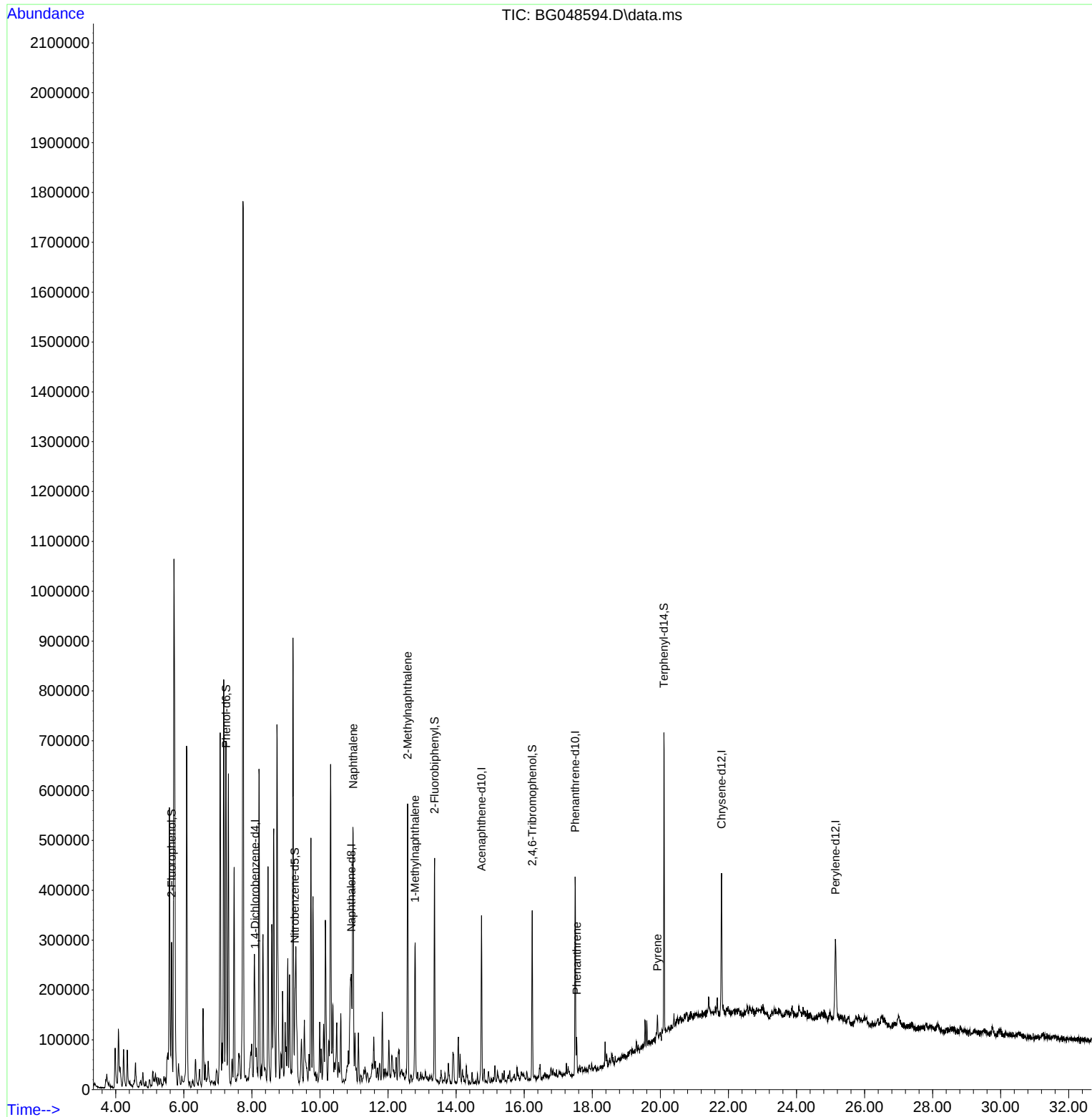
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048594.D
Acq On : 5 Apr 2021 22:01
Operator : CG/JU
Sample : M1836-12DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

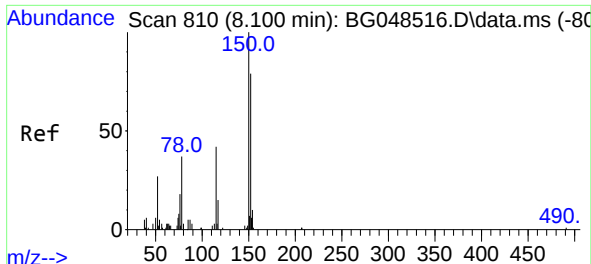
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

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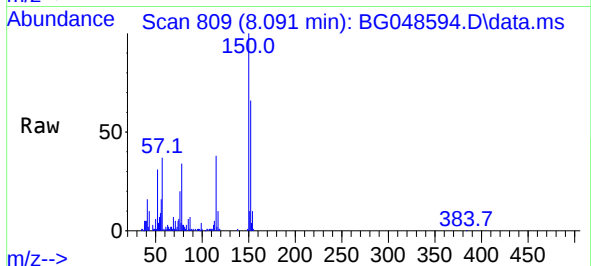
Quant Time: Apr 06 04:43:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

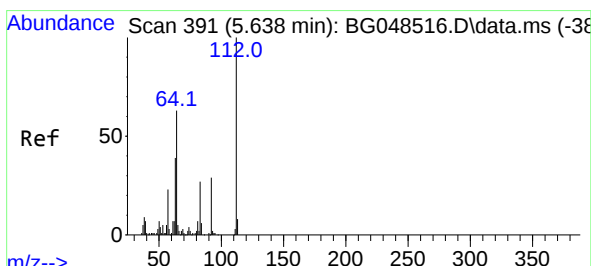
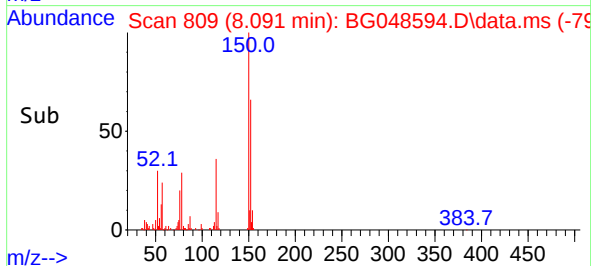
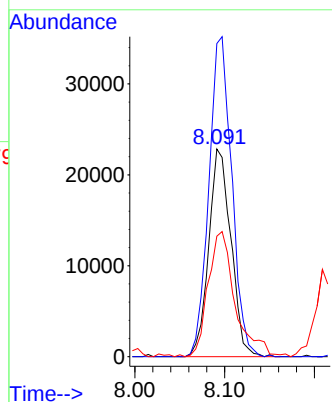
Instrument :
BNA_G
ClientSampleId :
B5-19-21DL



Tgt Ion:152 Resp: 39210
Ion Ratio Lower Upper
152 100
150 150.8 101.3 151.9
115 58.0 42.3 63.5

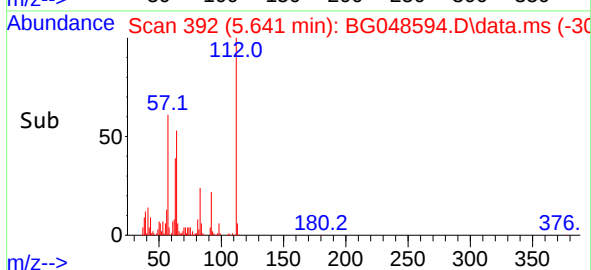
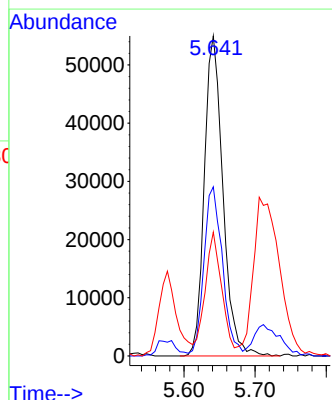
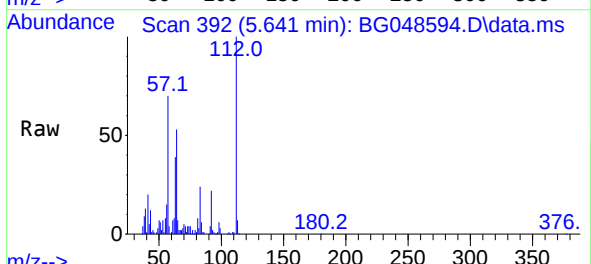
Manual Integrations
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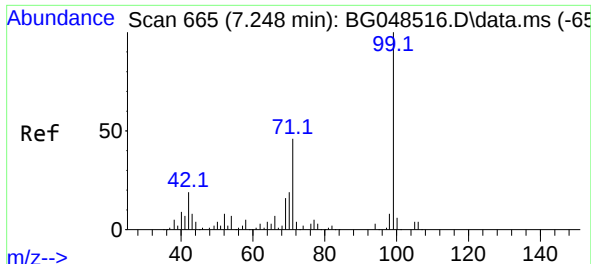
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#5
2-Fluorophenol
Concen: 45.07 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:112 Resp: 100095
Ion Ratio Lower Upper
112 100
64 52.8 50.4 75.6
63 38.7 31.4 47.2





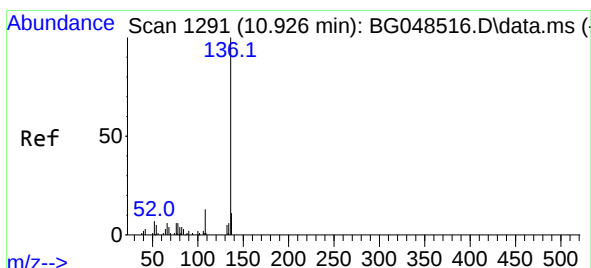
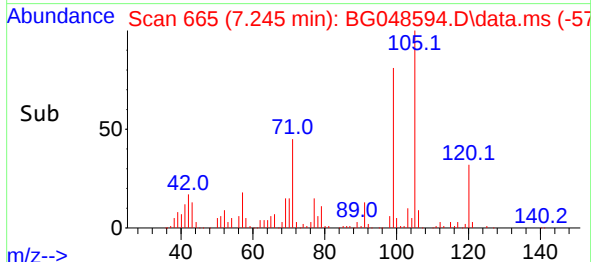
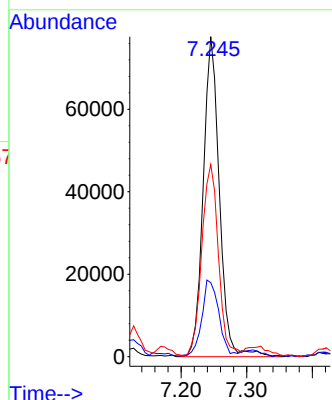
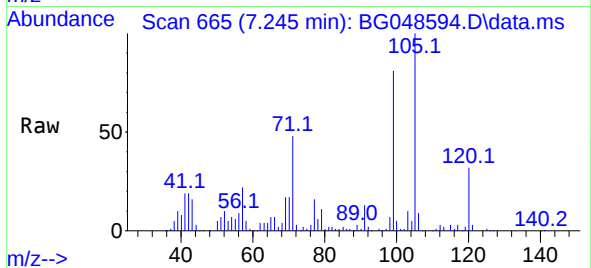
#7
Phenol-d6
Concen: 41.30 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion: 99 Resp: 133030
Ion Ratio Lower Upper
99 100
42 23.1 15.5 23.3
71 60.0 36.6 54.8#

Instrument :
BNA_G
ClientSampleID :
B5-19-21DL

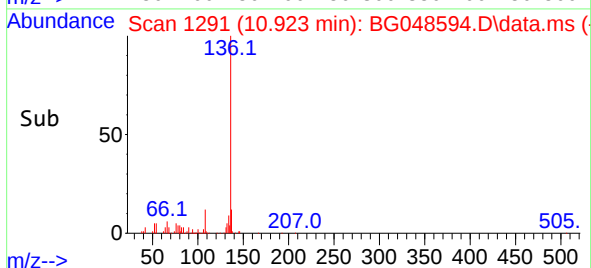
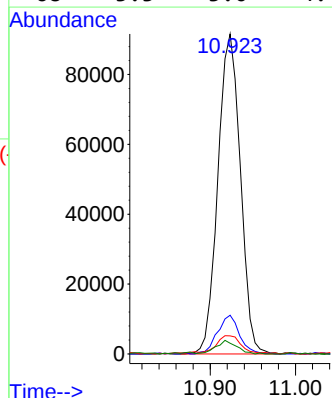
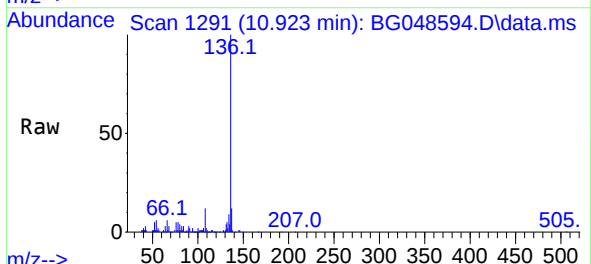
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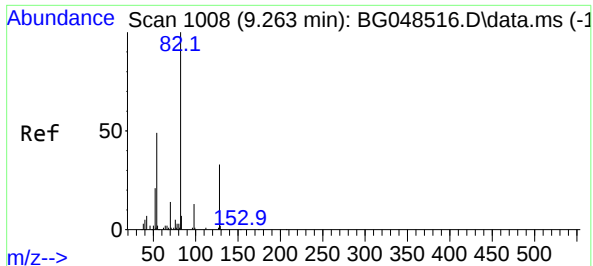
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:136 Resp: 167575
Ion Ratio Lower Upper
136 100
137 12.1 8.6 12.8
54 5.7 4.2 6.4
68 3.3 3.0 4.4





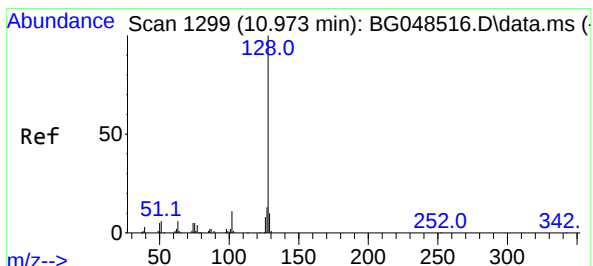
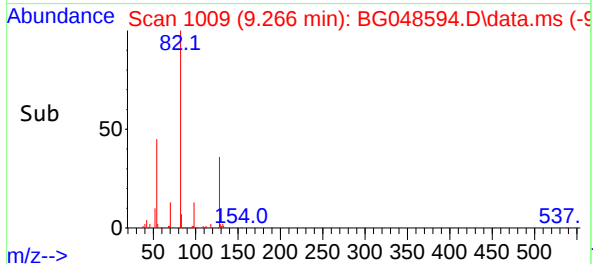
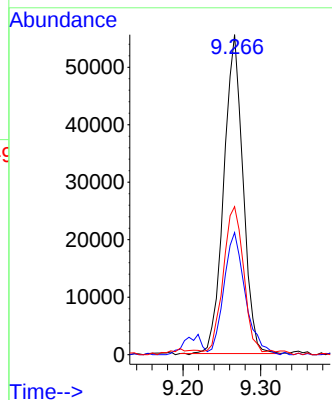
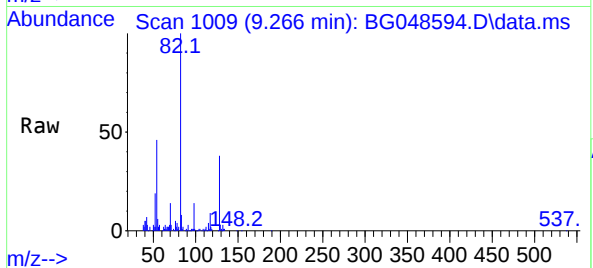
#23
Nitrobenzene-d5
Concen: 27.68 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion: 82 Resp: 95796
Ion Ratio Lower Upper
82 100
128 38.1 26.2 39.4
54 46.3 38.9 58.3

Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

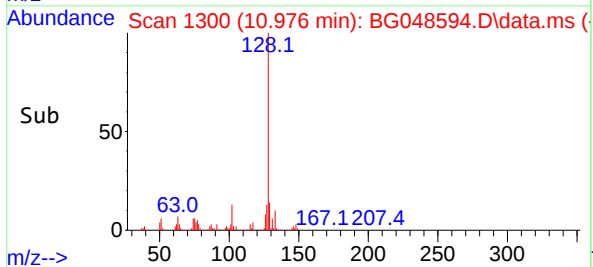
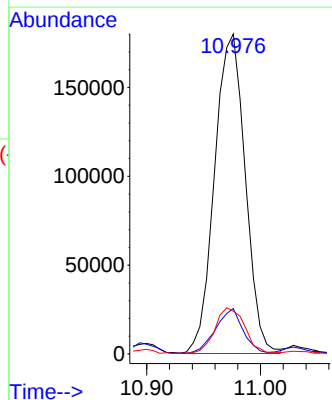
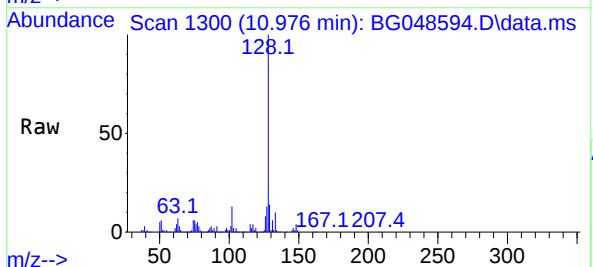
Manual Integrations
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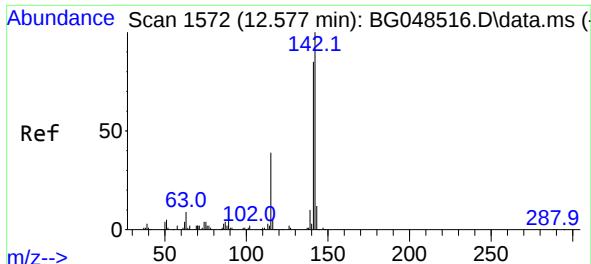
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#31
Naphthalene
Concen: 39.10 ng
RT: 10.976 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

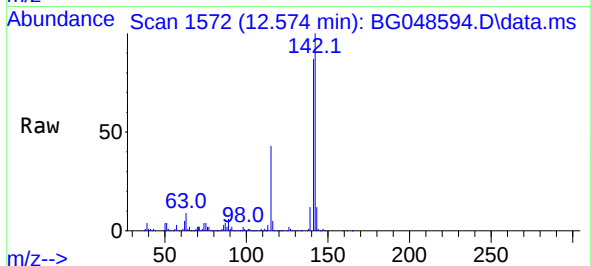
Tgt Ion:128 Resp: 336886
Ion Ratio Lower Upper
128 100
129 14.2 8.2 12.2#
127 13.3 10.6 16.0





#37
2-Methylnaphthalene
Concen: 38.39 ng
RT: 12.574 min Scan# 1572
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

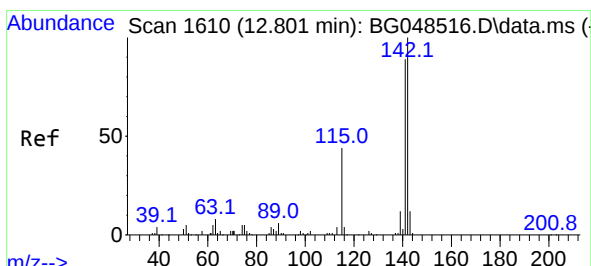
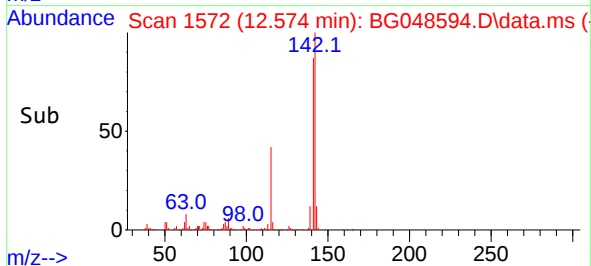
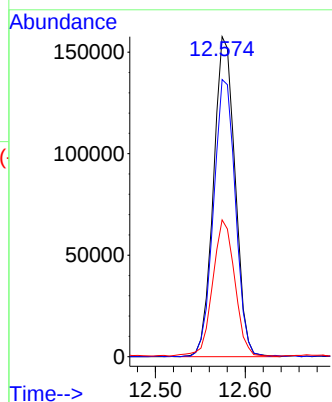
Instrument :
BNA_G
ClientSampleID :
B5-19-21DL



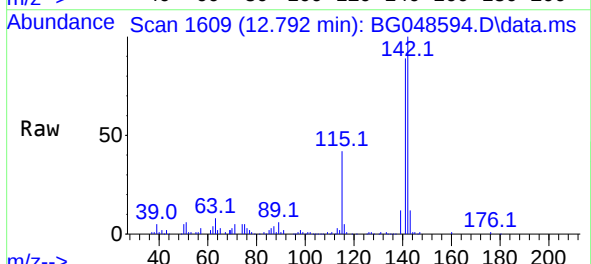
Tgt Ion:142 Resp: 263328
Ion Ratio Lower Upper
142 100
141 86.6 68.2 102.4
115 42.8 30.8 46.2

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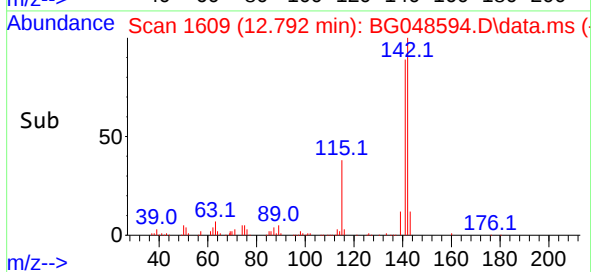
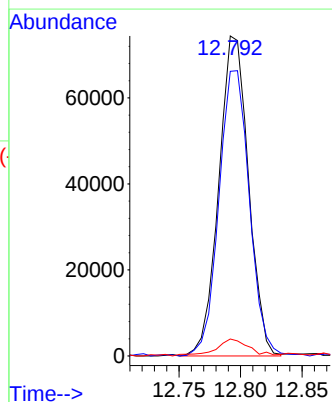
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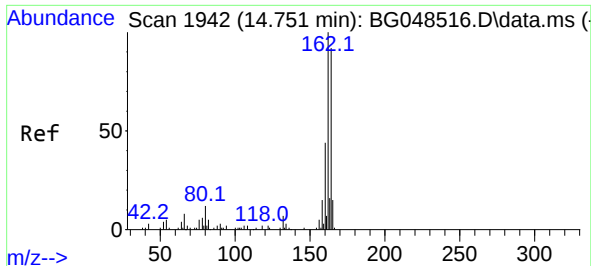


#38
1-Methylnaphthalene
Concen: 19.12 ng m
RT: 12.792 min Scan# 1609
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01



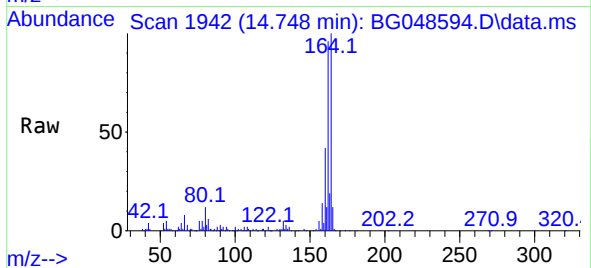
Tgt Ion:142 Resp: 125087
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
116 5.3 3.4 5.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

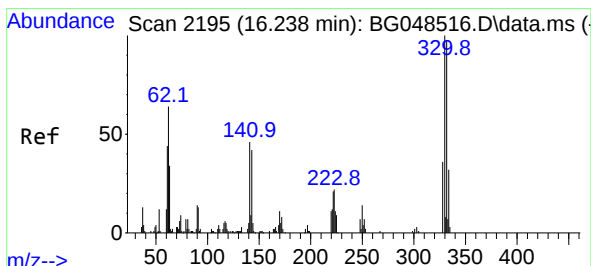
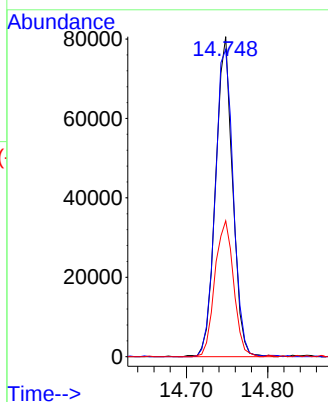
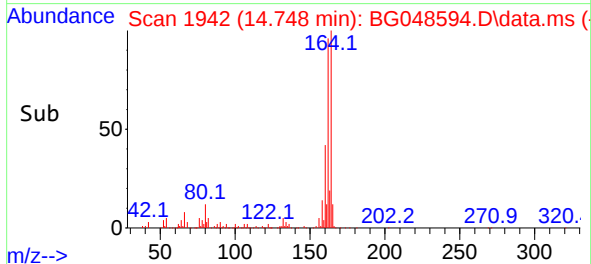
Instrument :
BNA_G
ClientSampleID :
B5-19-21DL



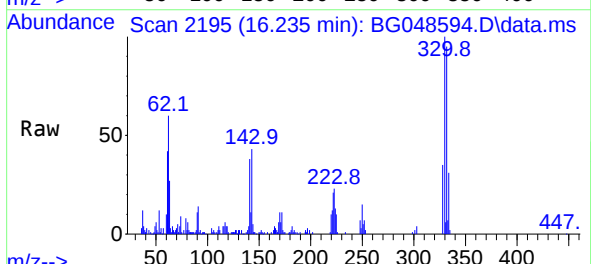
Tgt Ion:164 Resp: 117740
Ion Ratio Lower Upper
164 100
162 96.0 87.0 130.6
160 42.4 38.4 57.6

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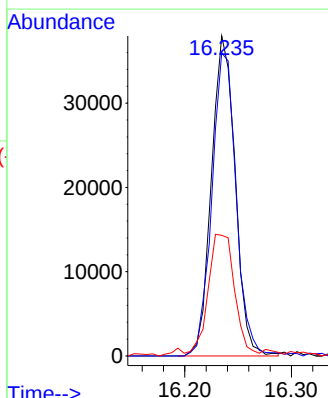
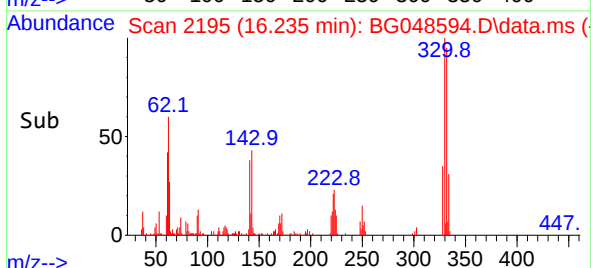
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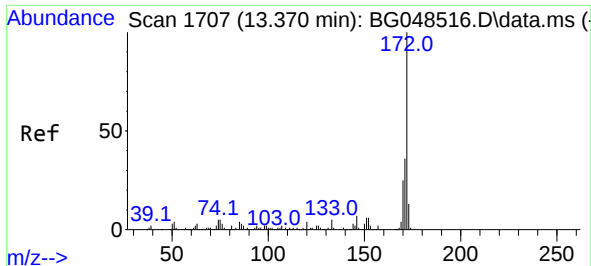


#42
2,4,6-Tribromophenol
Concen: 37.85 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01



Tgt Ion:330 Resp: 58580
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 43.7 34.6 52.0





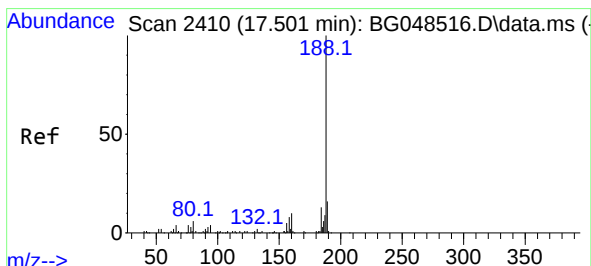
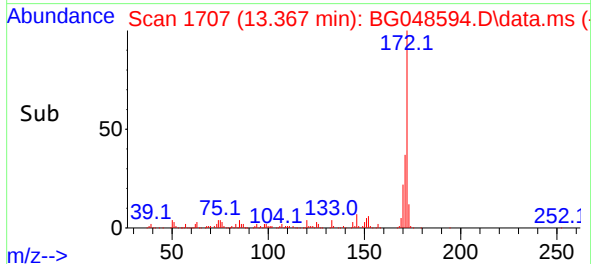
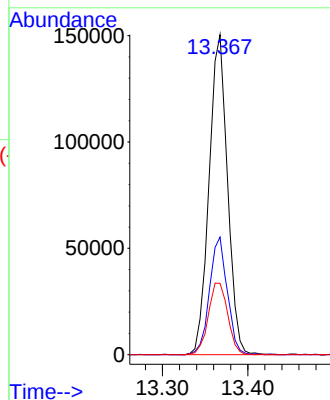
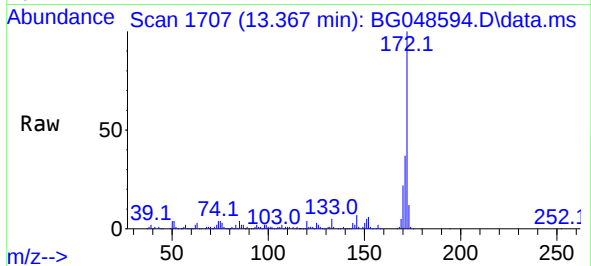
#45
2-Fluorobiphenyl
Concen: 28.52 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:	172	Resp:	225905
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.5	42.7
170	22.3	19.8	29.6

Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

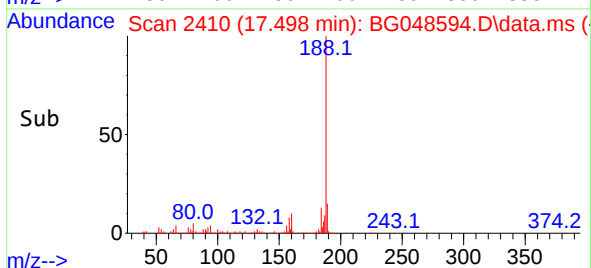
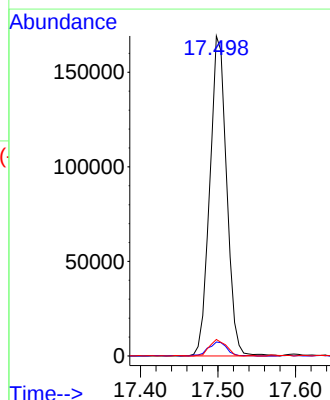
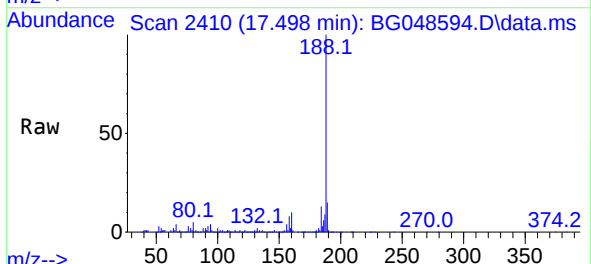
Manual Integrations
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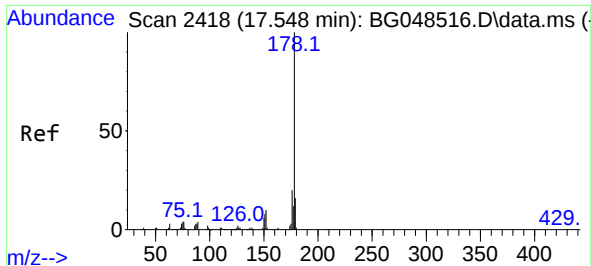
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

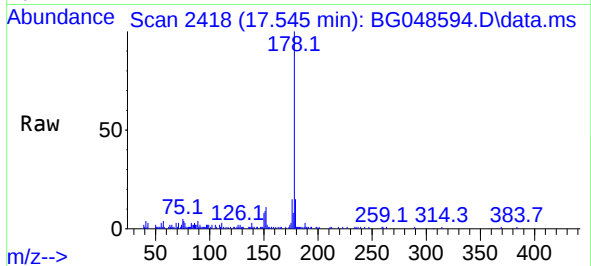
Tgt Ion:	188	Resp:	255235
Ion Ratio	Lower	Upper	
188	100		
94	4.3	3.0	4.6
80	5.2	4.5	6.7





#71
Phenanthrene
Concen: 3.53 ng
RT: 17.545 min Scan# 2418
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

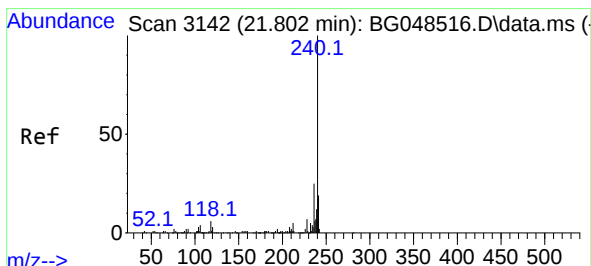
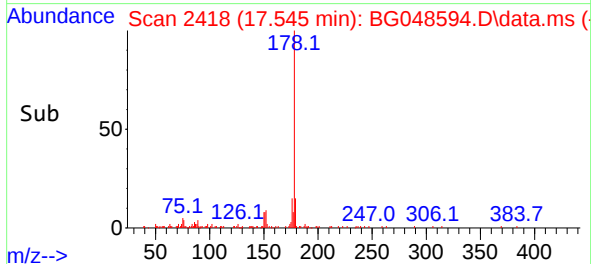
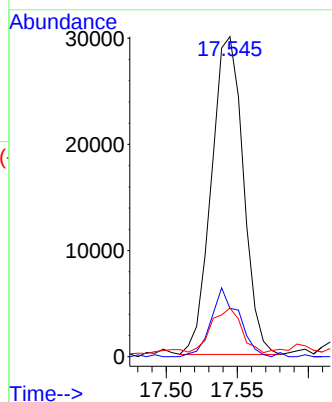
Instrument :
BNA_G
ClientSampled :
B5-19-21DL



Tgt Ion:178 Resp: 46729
Ion Ratio Lower Upper
178 100
176 15.1 15.6 23.4#
179 15.2 12.9 19.3

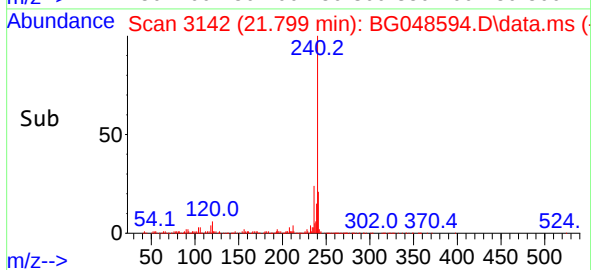
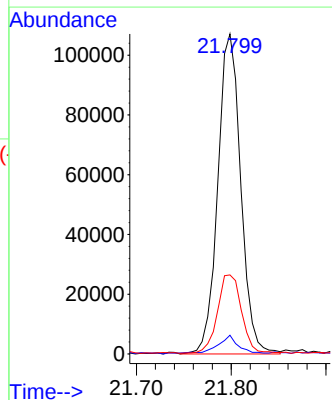
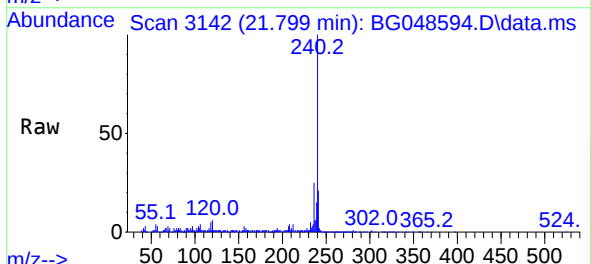
Manual Integrations
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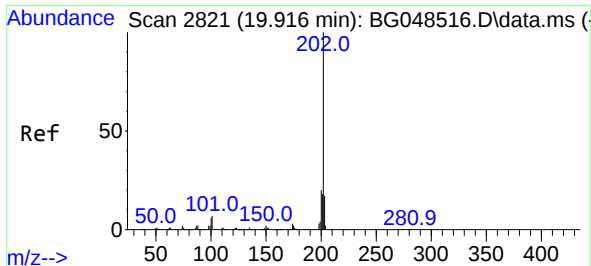
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:240 Resp: 180201
Ion Ratio Lower Upper
240 100
120 5.9 2.6 3.8#
236 24.7 19.8 29.6





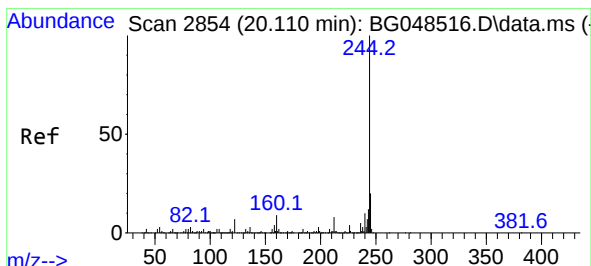
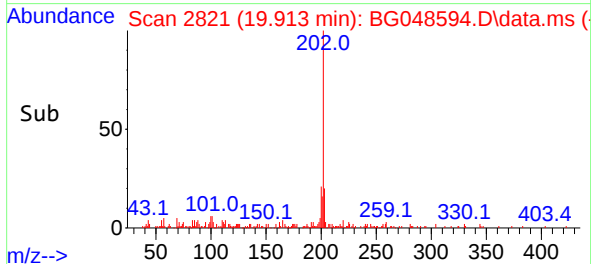
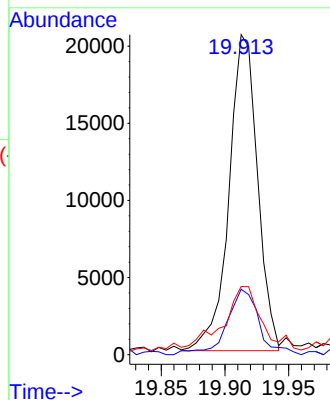
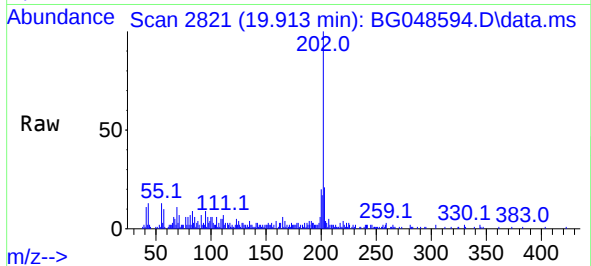
#78
Pyrene
Concen: 2.58 ng m
RT: 19.913 min Scan# 2821
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:	202	Resp:	31965
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.1	24.1
203	21.3	13.6	20.4#

Instrument :
BNA_G
ClientSampled :
B5-19-21DL

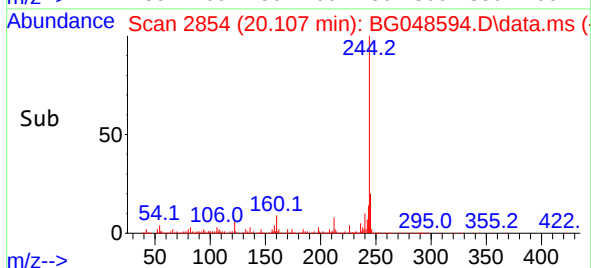
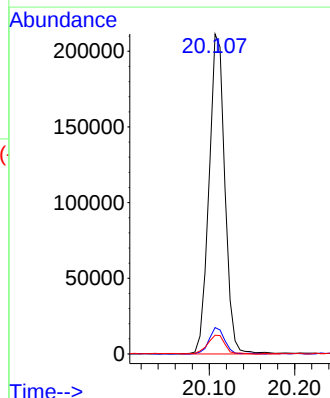
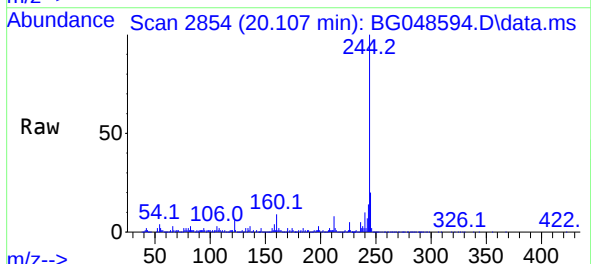
Manual Integrations
APPROVED

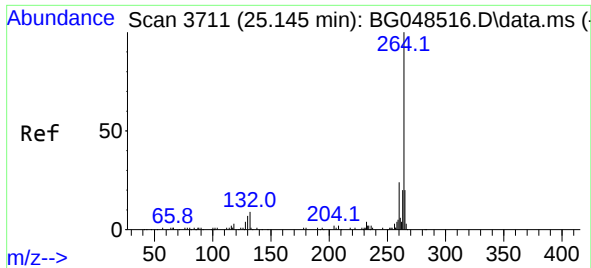
mohammad
4/6/2021 3:22:44 PM



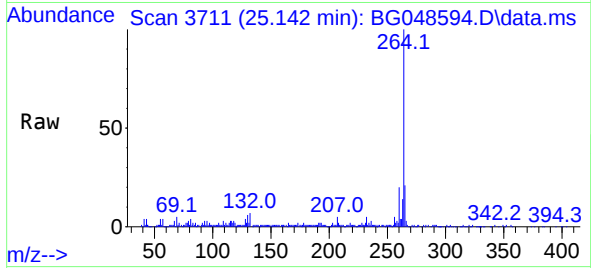
#79
Terphenyl-d14
Concen: 27.66 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01

Tgt Ion:	244	Resp:	272603
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.0	9.0
122	5.9	5.8	8.6



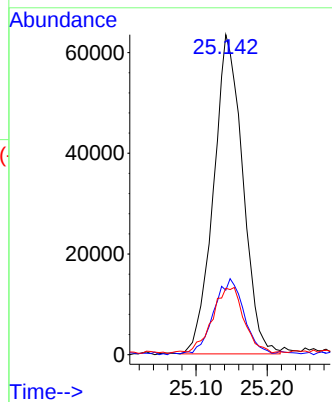
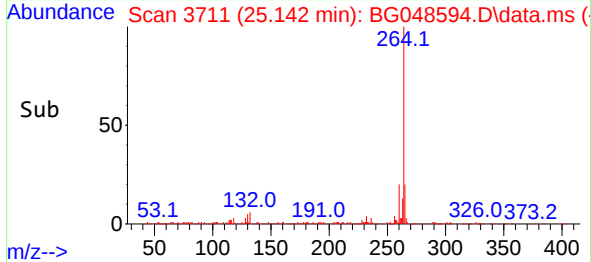


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048594.D
Acq: 5 Apr 2021 22:01



Tgt Ion:264 Resp: 180463

Ion	Ratio	Lower	Upper
264	100		
260	20.1	19.1	28.7
265	20.7	16.1	24.1



Instrument :
BNA_G
ClientSampleId :
B5-19-21DL

Manual Integrations
APPROVED

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4/6/2021 3:22:44 PM