

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048473.D
 Acq On : 23 Mar 2021 17:09
 Operator : CG/JU
 Sample : M1746-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Manual Integrations
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mohammad
 3/24/2021 11:10:14 AM

Quant Time: Mar 23 18:41:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	40442	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	158177	20.00	ng	# 0.00
39) Acenaphthene-d10	14.744	164	116820	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	289755	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	294151	20.00	ng	# 0.00
86) Perylene-d12	25.115	264	310644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	221977	90.77	ng	0.00
7) Phenol-d6	7.253	99	306449	86.12	ng	0.00
23) Nitrobenzene-d5	9.268	82	236553	59.80	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	177326	93.34	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	477359	58.78	ng	0.00
79) Terphenyl-d14	20.103	244	937386	57.47	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.535	178	106884	6.98	ng	98
75) Fluoranthene	19.545	202	202677	9.94	ng	95
78) Pyrene	19.909	202	170423	8.44	ng	93
81) Benzo(a)anthracene	21.766	228	95124	4.66	ng	95
83) Chrysene	21.830	228	77396	3.96	ng	94
88) Benzo(b)fluoranthene	24.051	252	98446m	4.50	ng	
90) Benzo(a)pyrene	24.950	252	70925m	3.55	ng	
92) Benzo(g,h,i)perylene	30.109	276	40373	2.06	ng	# 85

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

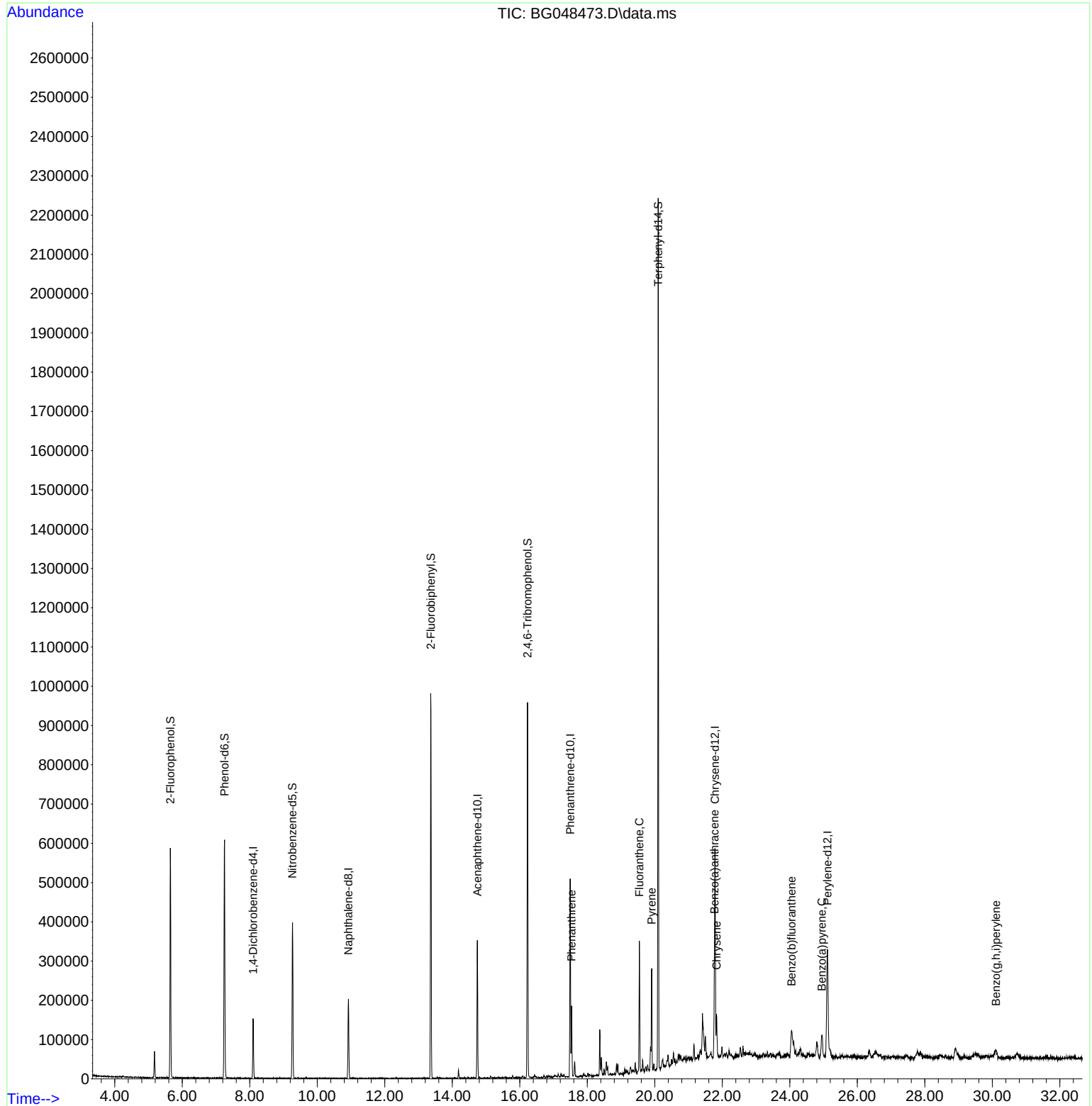
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Data File : BG048473.D
Acq On : 23 Mar 2021 17:09
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

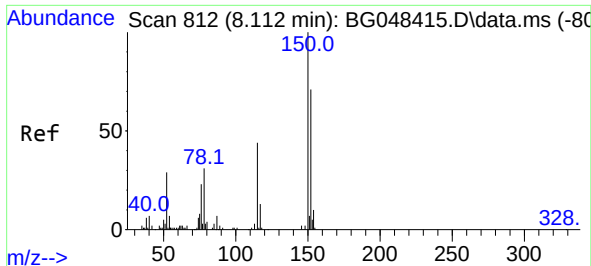
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BNA_G
ClientSampleId :
COMP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration





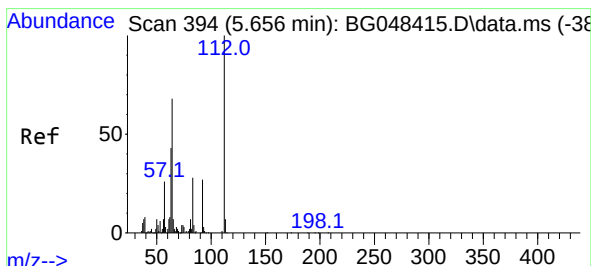
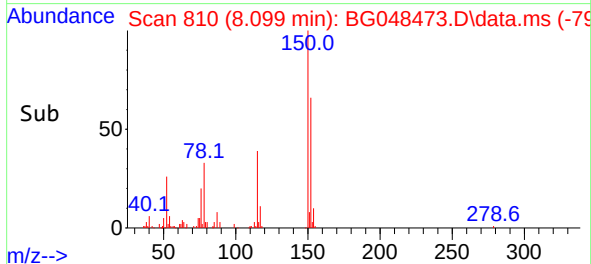
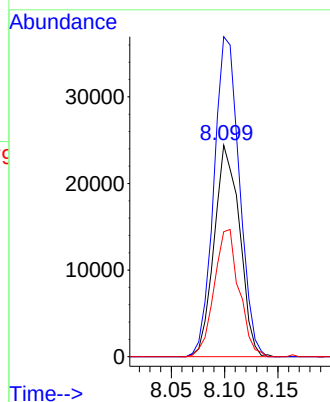
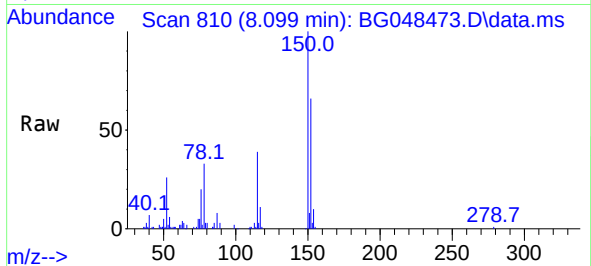
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:152 Resp: 40442
Ion Ratio Lower Upper
152 100
150 151.3 125.0 187.6
115 59.1 41.8 62.6

Instrument :
BNA_G
ClientSampled :
COMP-1

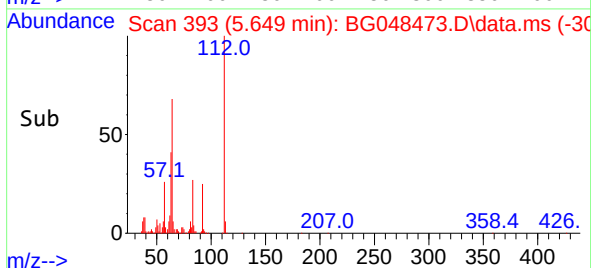
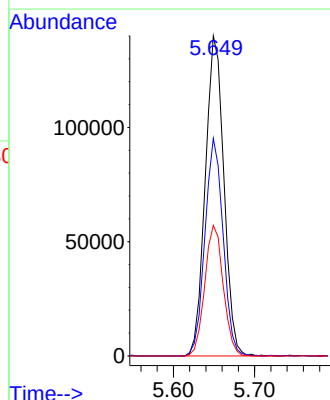
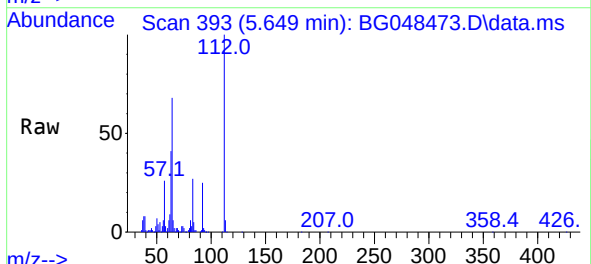
Manual Integrations
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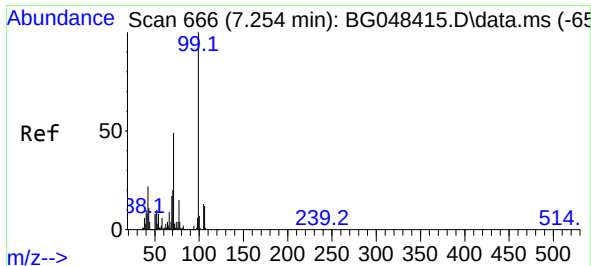
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#5
2-Fluorophenol
Concen: 90.77 ng
RT: 5.649 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:112 Resp: 221977
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 40.8 22.8 34.2#





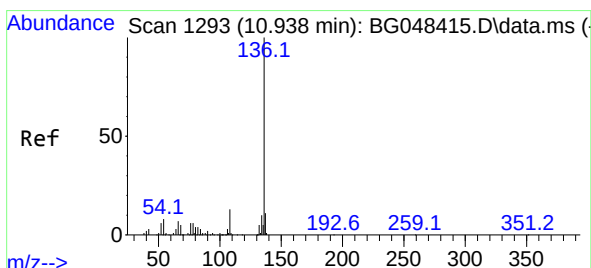
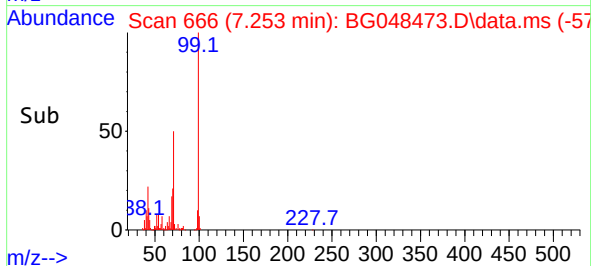
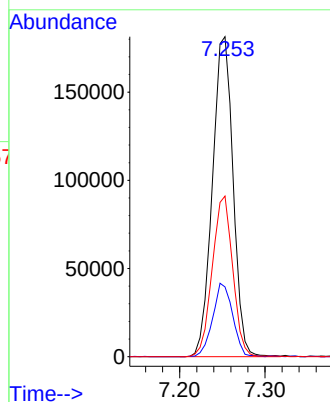
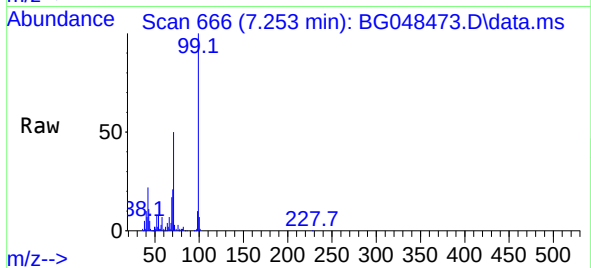
#7
Phenol-d6
Concen: 86.12 ng
RT: 7.253 min Scan# 666
Delta R.T. 0.002 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion: 99 Resp: 306449
Ion Ratio Lower Upper
99 100
42 21.8 12.8 19.2#
71 50.2 24.6 36.8#

Instrument :
BNA_G
ClientSampled :
COMP-1

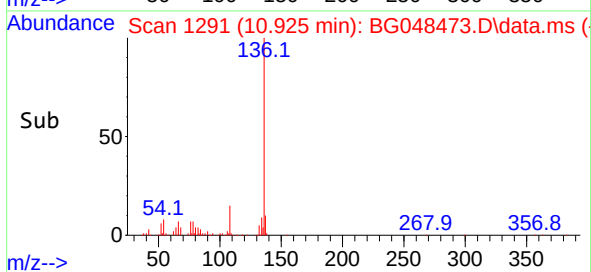
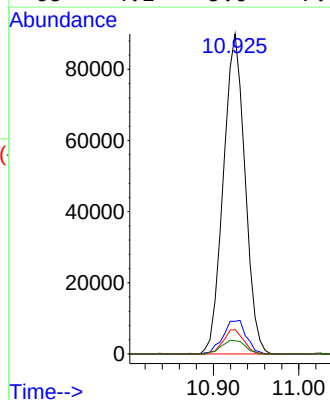
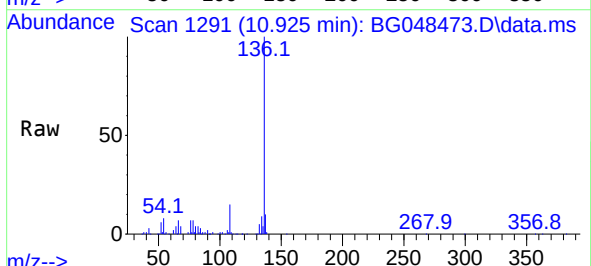
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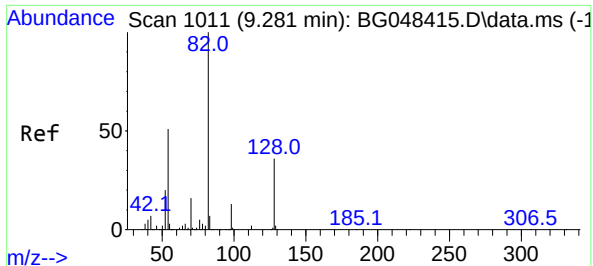
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion: 136 Resp: 158177
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 7.6 6.2 9.4
68 4.1 5.0 7.4#





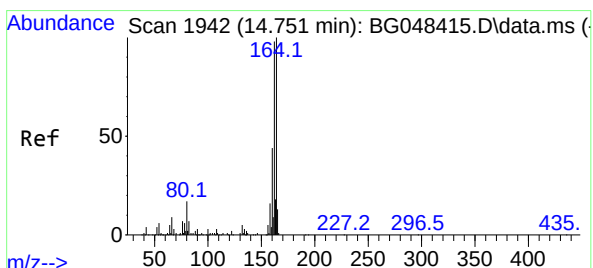
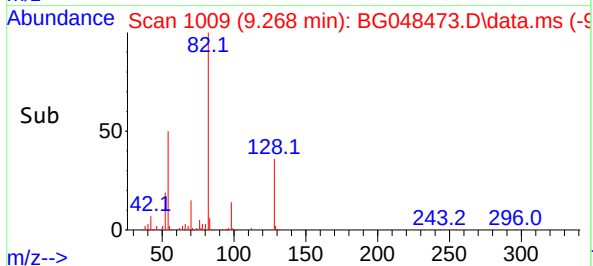
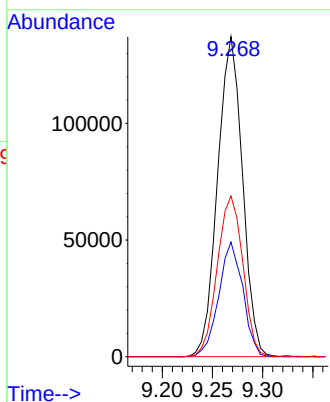
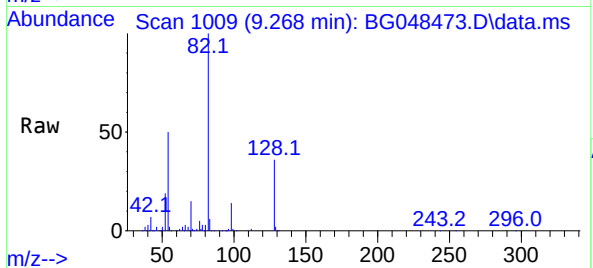
#23
Nitrobenzene-d5
Concen: 59.80 ng
RT: 9.268 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Instrument :
BNA_G
ClientSampled :
COMP-1

Tgt Ion: 82 Resp: 236553
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.6#
54 50.2 39.0 58.4

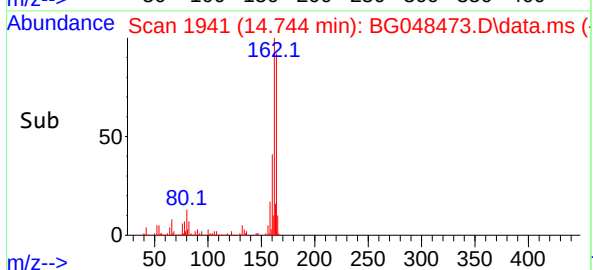
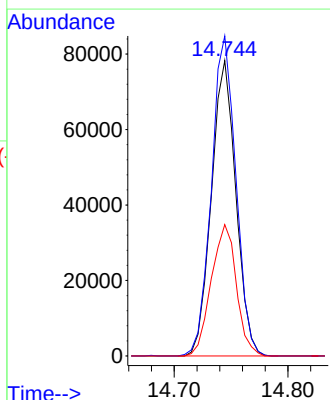
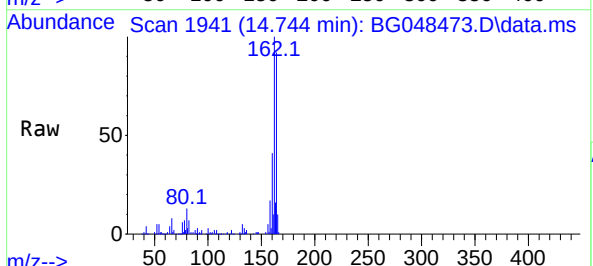
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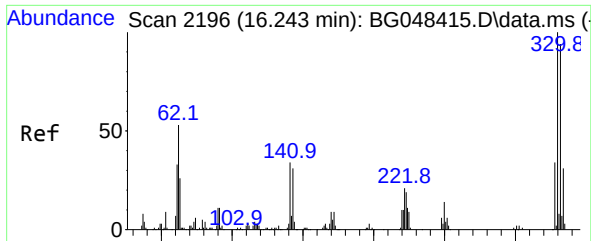
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

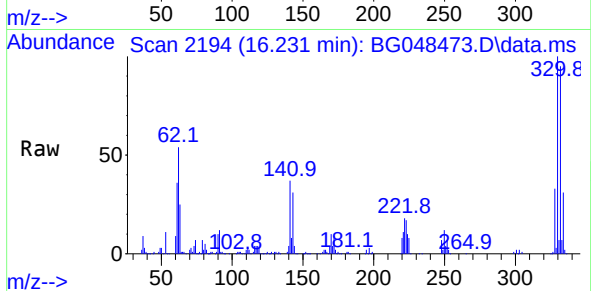
Tgt Ion:164 Resp: 116820
Ion Ratio Lower Upper
164 100
162 108.4 82.3 123.5
160 44.5 35.3 52.9





#42
2,4,6-Tribromophenol
Concen: 93.34 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

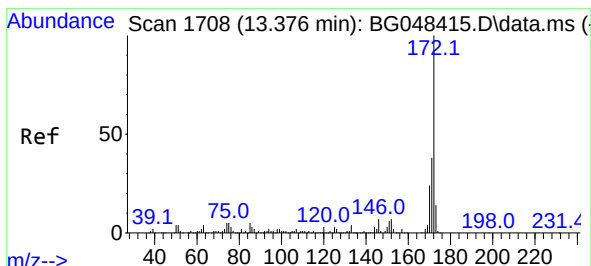
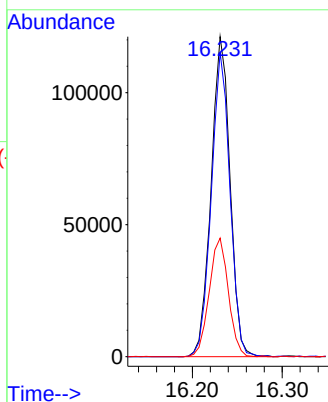
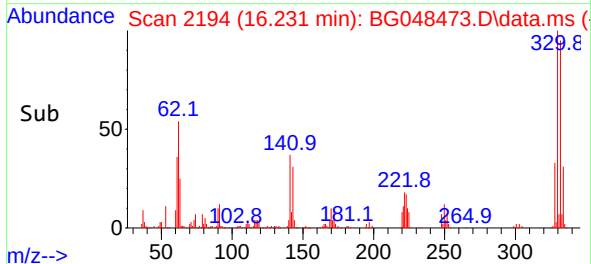
Instrument :
BNA_G
ClientSampled :
COMP-1



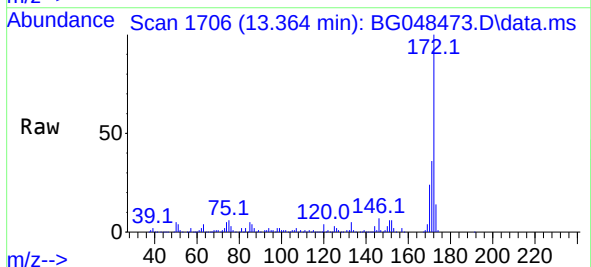
Tgt Ion:330 Resp: 177326
Ion Ratio Lower Upper
330 100
332 93.6 76.5 114.7
141 37.6 26.0 39.0

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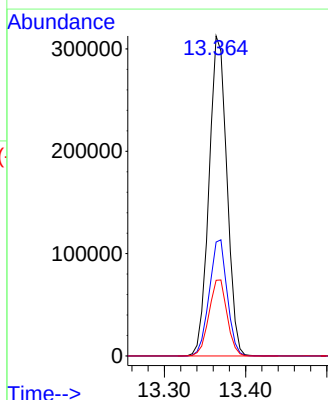
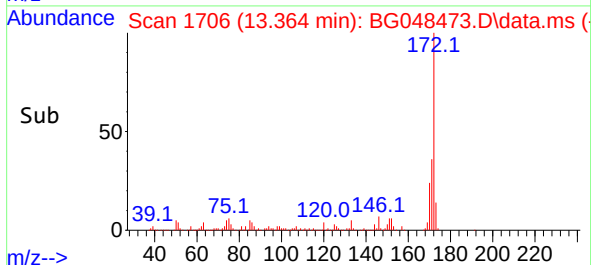
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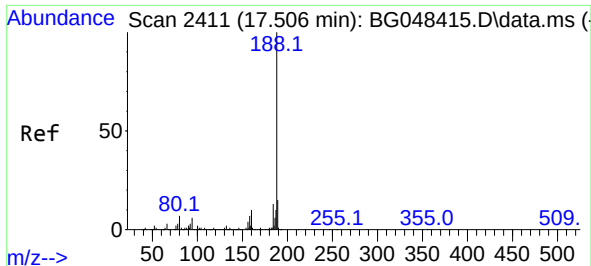


#45
2-Fluorobiphenyl
Concen: 58.78 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09



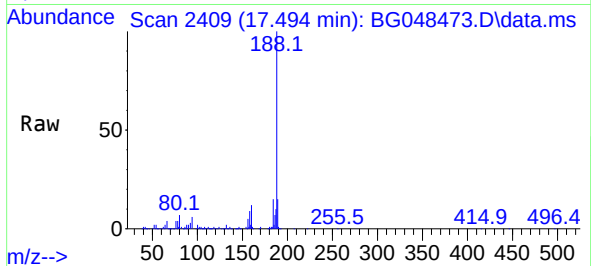
Tgt Ion:172 Resp: 477359
Ion Ratio Lower Upper
172 100
171 35.6 31.3 46.9
170 23.6 20.8 31.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

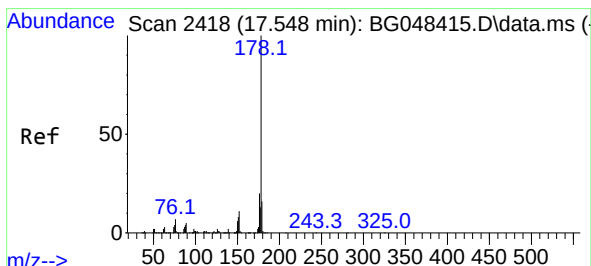
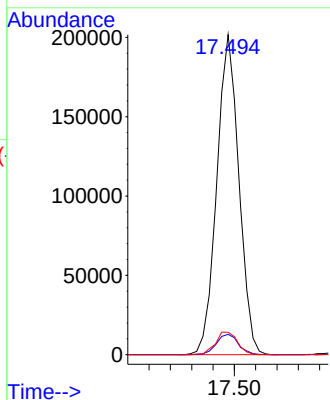
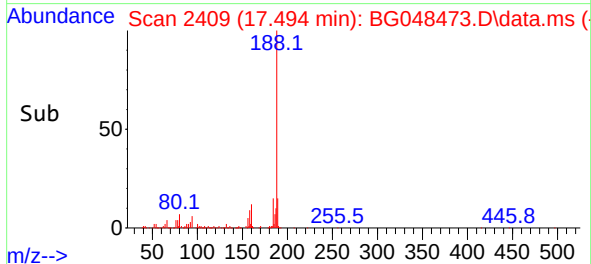
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BNA_G
ClientSampled :
COMP-1



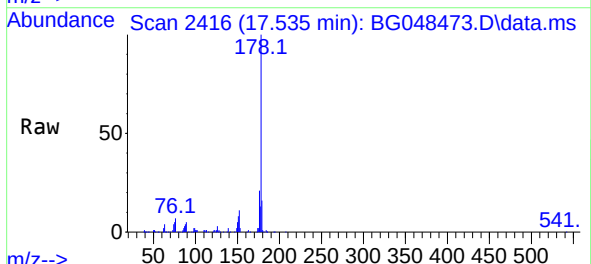
Tgt Ion:188 Resp: 289755
Ion Ratio Lower Upper
188 100
94 6.3 6.3 9.5
80 7.0 7.0 10.6#

Manual Integrations
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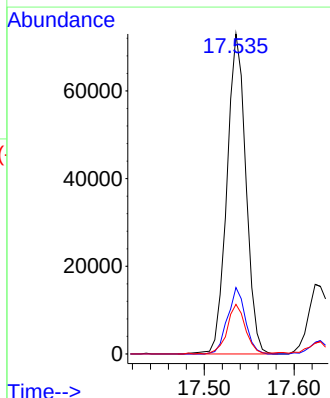
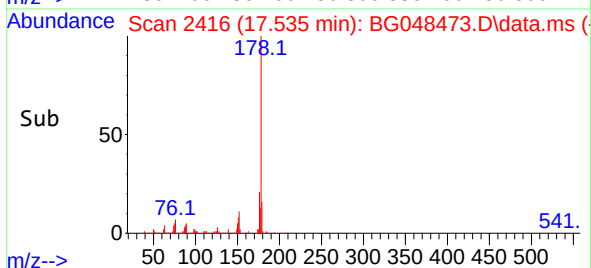
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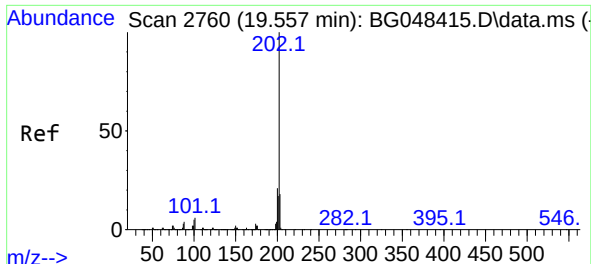


#71
Phenanthrene
Concen: 6.98 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09



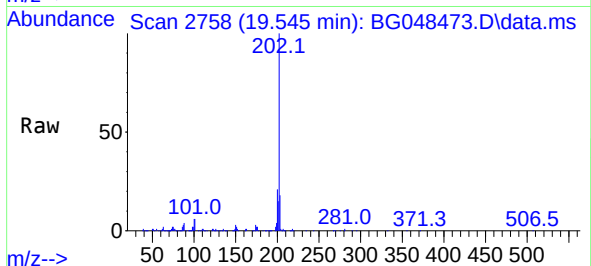
Tgt Ion:178 Resp: 106884
Ion Ratio Lower Upper
178 100
176 20.7 16.7 25.1
179 15.5 14.0 21.0





#75
Fluoranthene
Concen: 9.94 ng
RT: 19.545 min Scan# 2758
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

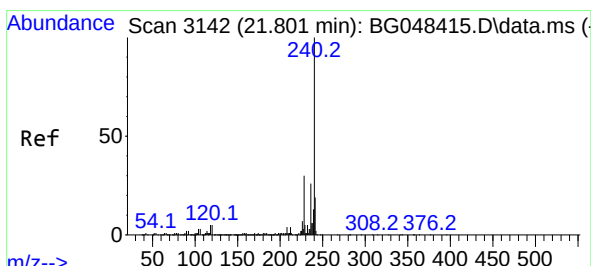
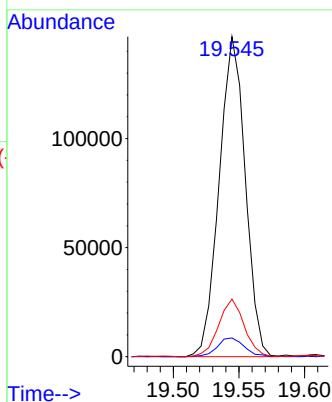
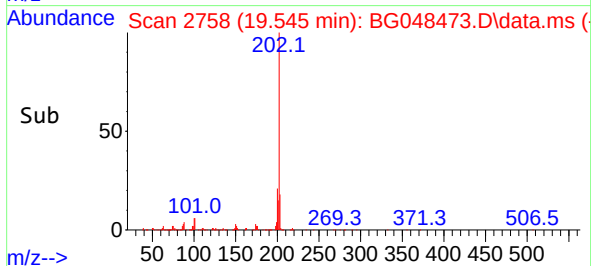
Instrument :
BNA_G
ClientSampleId :
COMP-1



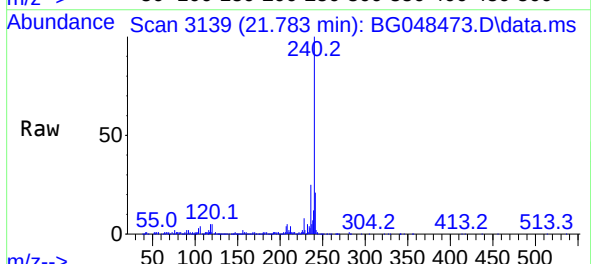
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Ion Ratio Lower Upper
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101 5.9 0.0 29.7
203 18.0 0.0 39.2

Manual Integrations
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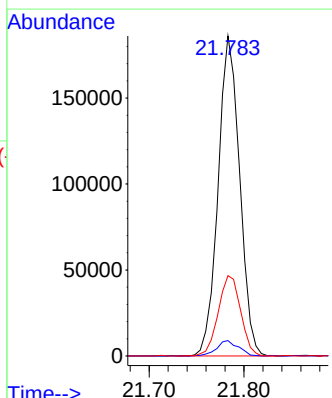
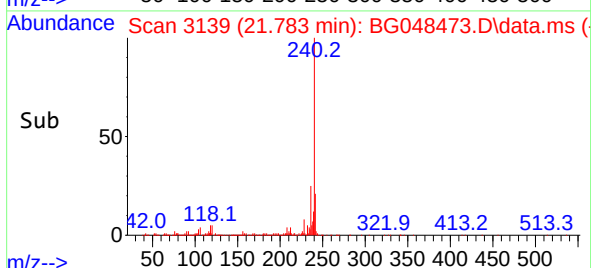
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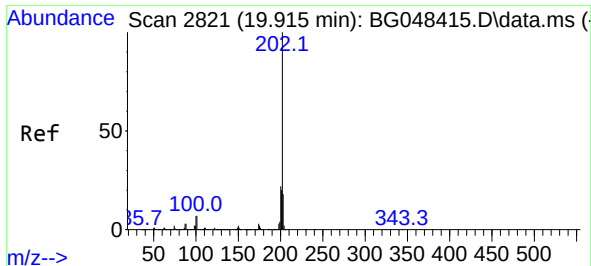


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09



Tgt Ion:240 Resp: 294151
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 25.1 20.5 30.7





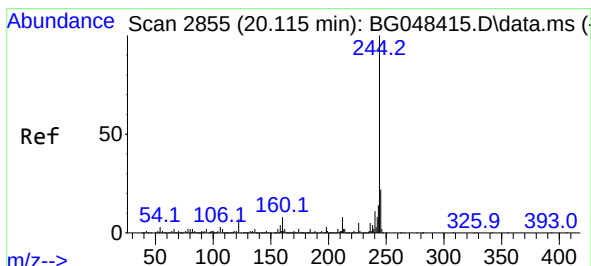
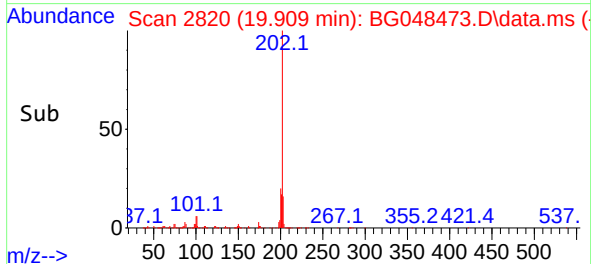
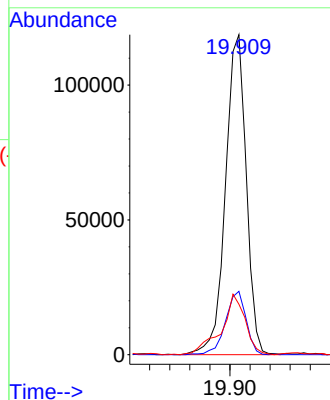
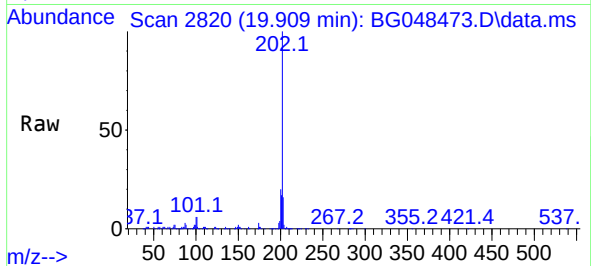
#78
Pyrene
Concen: 8.44 ng
RT: 19.909 min Scan# 2820
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	202	Resp:	170423
Ion Ratio	Lower	Upper	
202	100		
200	19.8	18.6	27.8
203	15.7	15.3	22.9

Instrument :
BNA_G
ClientSampleId :
COMP-1

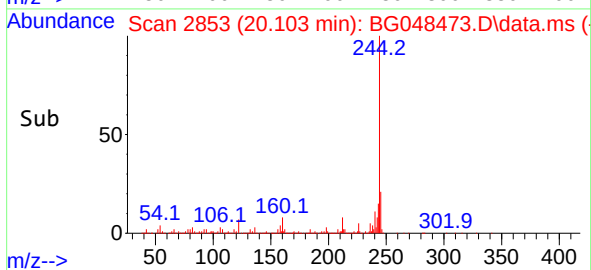
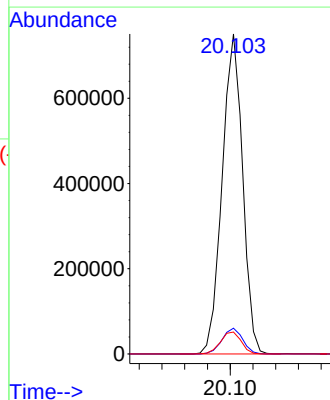
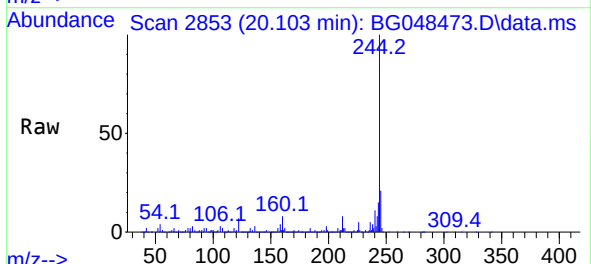
Manual Integrations
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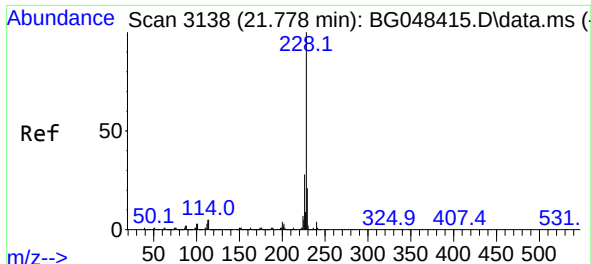
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#79
Terphenyl-d14
Concen: 57.47 ng
RT: 20.103 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	244	Resp:	937386
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.7	10.1
122	6.9	7.8	11.6#





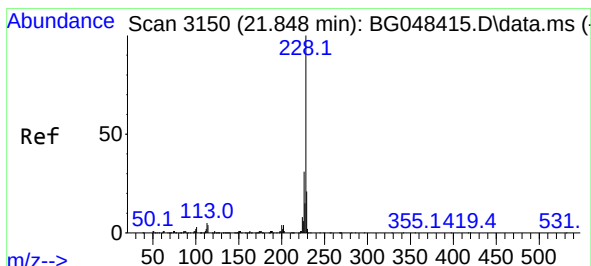
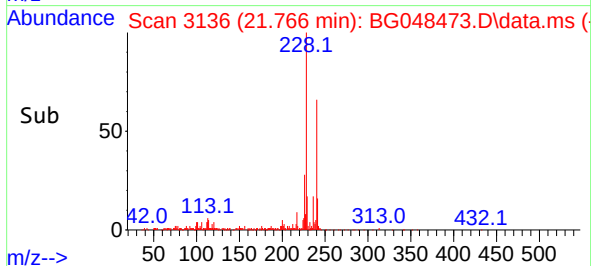
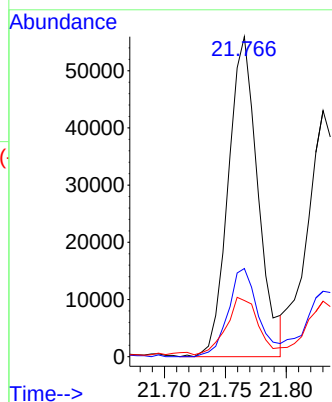
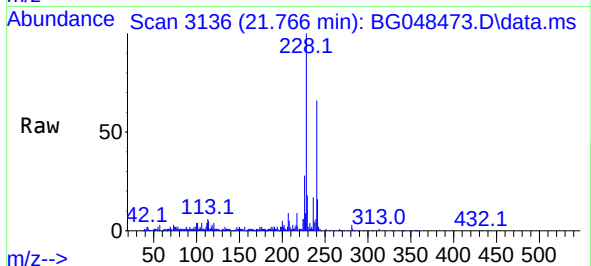
#81
Benzo(a)anthracene
Concen: 4.66 ng
RT: 21.766 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	228	Resp:	95124
Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.3	34.9
229	17.6	17.4	26.0

Instrument :
BNA_G
ClientSampleId :
COMP-1

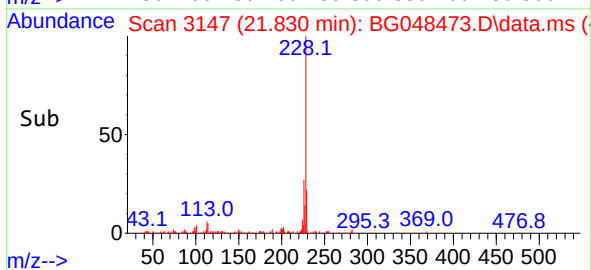
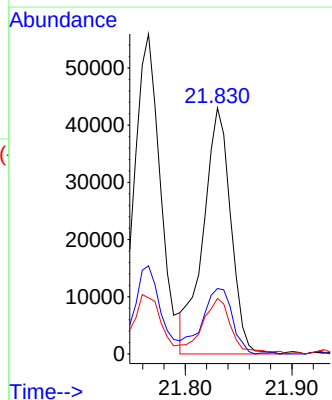
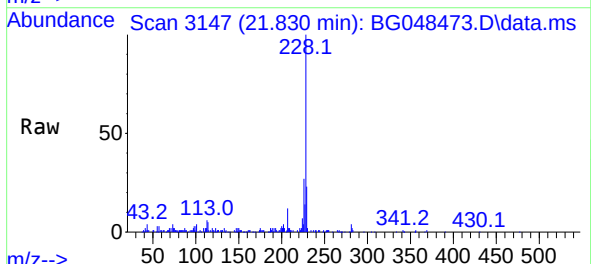
Manual Integrations
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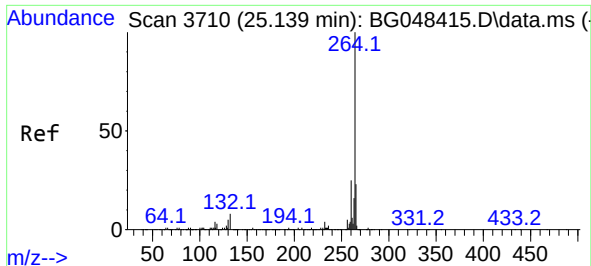
mohammad
3/24/2021 11:10:14 AM



#83
Chrysene
Concen: 3.96 ng
RT: 21.830 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	228	Resp:	77396
Ion	Ratio	Lower	Upper
228	100		
226	26.6	25.0	37.4
229	22.6	17.3	25.9





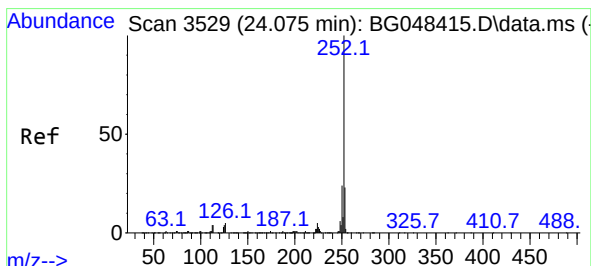
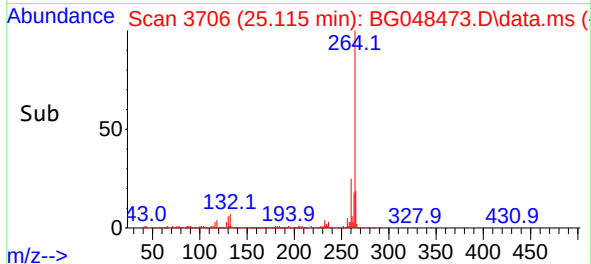
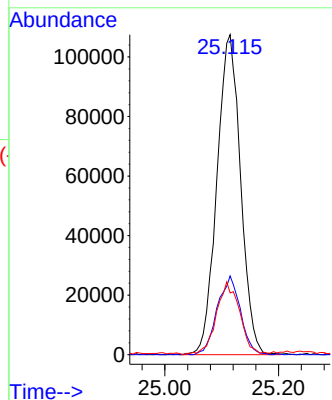
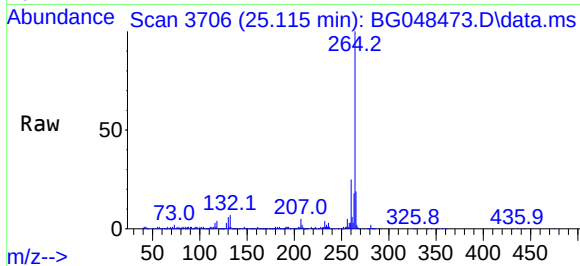
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.115 min Scan# 3706
Delta R.T. -0.009 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	264	Resp:	310644
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.8	28.2
265	19.3	17.8	26.8

Instrument :
BNA_G
ClientSampled :
COMP-1

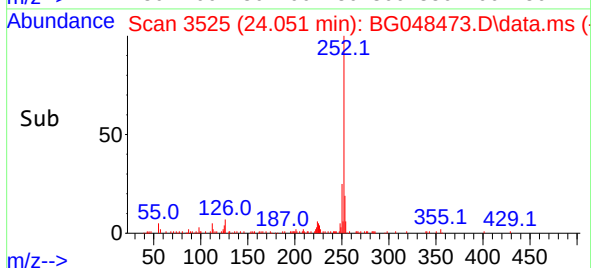
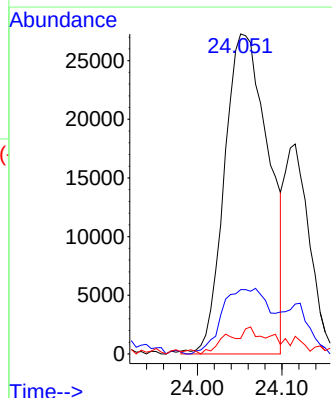
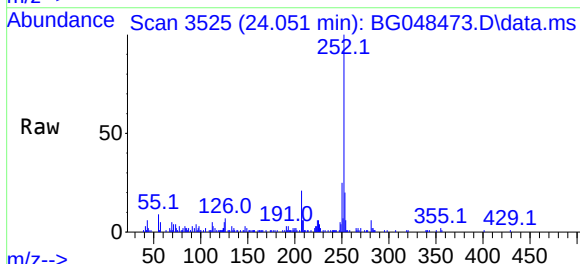
Manual Integrations
APPROVED

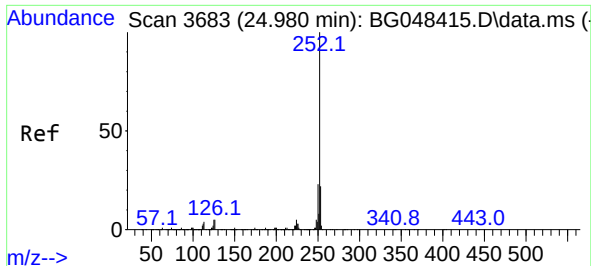
mohammad
3/24/2021 11:10:14 AM



#88
Benzo(b)fluoranthene
Concen: 4.50 ng m
RT: 24.051 min Scan# 3525
Delta R.T. -0.009 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	252	Resp:	98446
Ion Ratio	Lower	Upper	
252	100		
253	20.1	18.7	28.1
125	4.8	6.5	9.7#





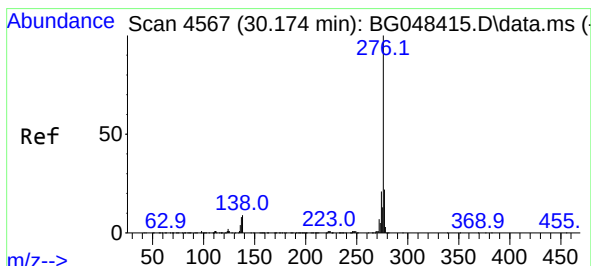
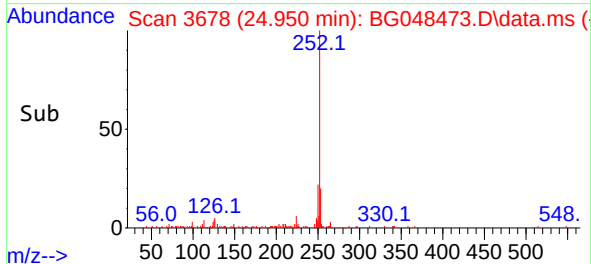
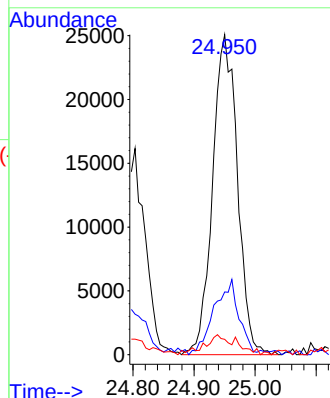
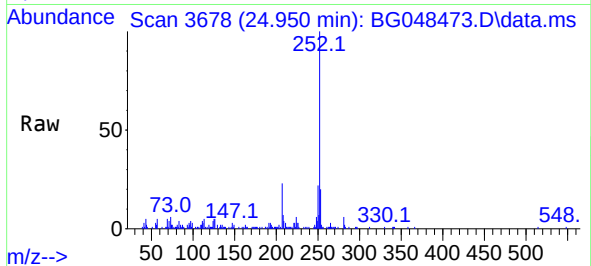
#90
Benzo(a)pyrene
Concen: 3.55 ng m
RT: 24.950 min Scan# 3678
Delta R.T. -0.021 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	252	Resp:	70925
Ion Ratio	Lower	Upper	
252	100		
253	19.6	17.9	26.9
125	4.8	7.0	10.4#

Instrument :
BNA_G
ClientSampled :
COMP-1

Manual Integrations
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3/24/2021 11:10:14 AM



#92
Benzo(g,h,i)perylene
Concen: 2.06 ng
RT: 30.109 min Scan# 4556
Delta R.T. -0.039 min
Lab File: BG048473.D
Acq: 23 Mar 2021 17:09

Tgt Ion:	276	Resp:	40373
Ion Ratio	Lower	Upper	
276	100		
277	19.4	19.6	29.4#
138	7.1	13.4	20.2#

