

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047277.D
 Acq On : 10 Nov 2020 20:24
 Operator : CG/JU
 Sample : L4680-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110920-10-20

Quant Time: Nov 11 02:00:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

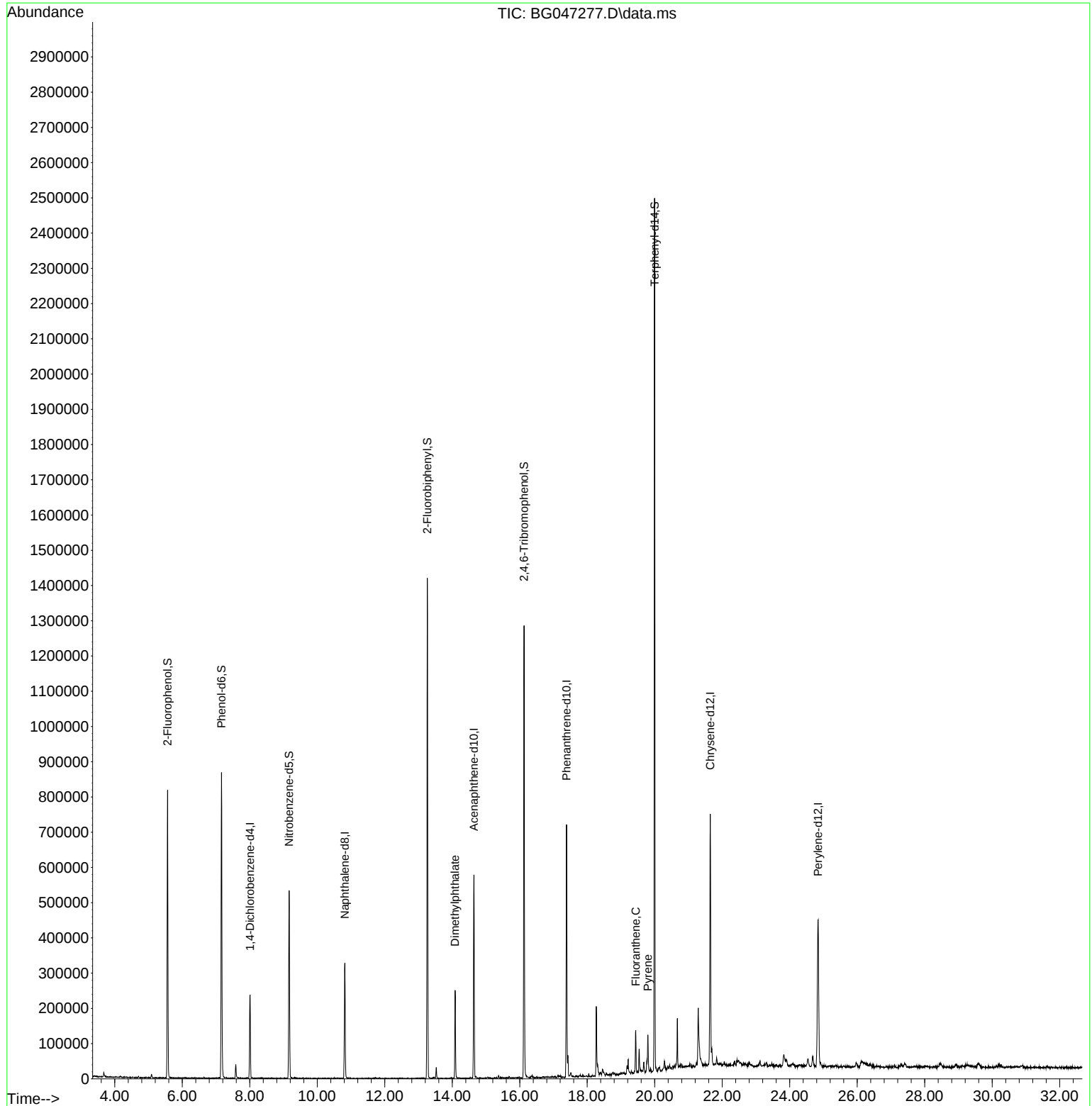
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	64555	20.00	ng	0.00
21) Naphthalene-d8	10.818	136	264156	20.00	ng	0.00
39) Acenaphthene-d10	14.643	164	199594	20.00	ng	0.00
64) Phenanthrene-d10	17.386	188	458514	20.00	ng	# 0.00
76) Chrysene-d12	21.646	240	435923	20.00	ng	# 0.00
86) Perylene-d12	24.837	264	462783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	324196	81.40	ng	0.00
7) Phenol-d6	7.163	99	453620	78.68	ng	0.00
23) Nitrobenzene-d5	9.167	82	312499	50.77	ng	0.00
42) 2,4,6-Tribromophenol	16.129	330	252900	75.67	ng	0.00
45) 2-Fluorobiphenyl	13.262	172	729848	46.90	ng	0.00
79) Terphenyl-d14	19.995	244	1089507	43.95	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.084	163	159649	9.06	ng	99
75) Fluoranthene	19.437	202	72344	2.13	ng	92
78) Pyrene	19.795	202	72199	2.38	ng	97

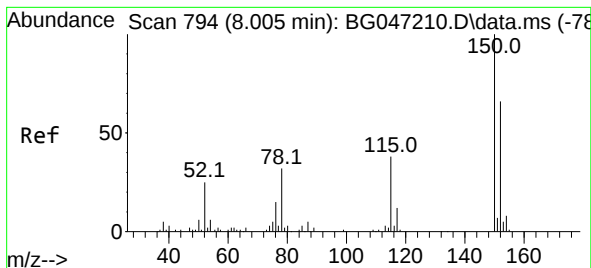
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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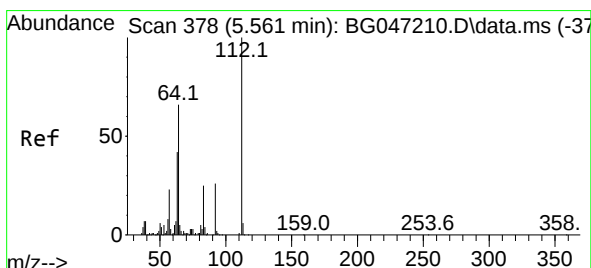
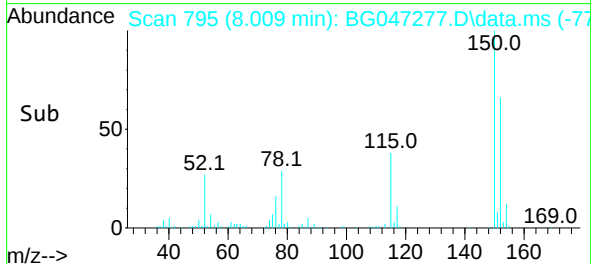
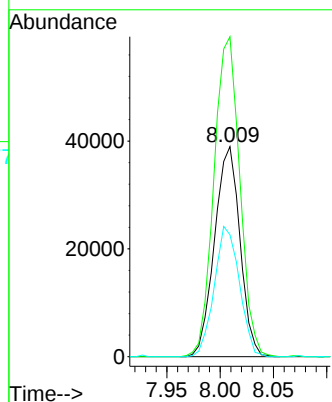
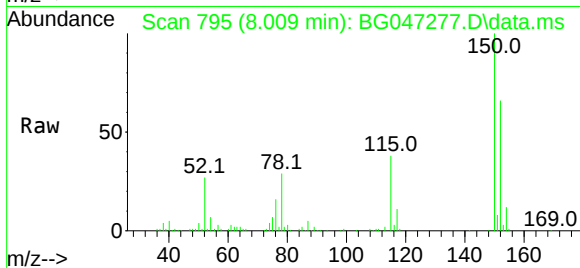




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.009 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

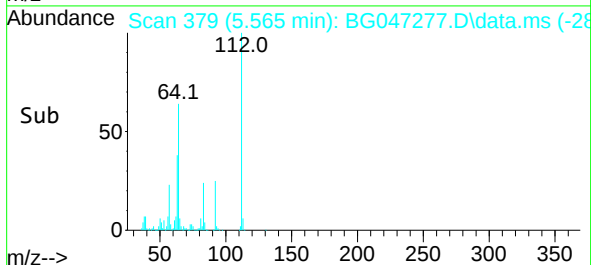
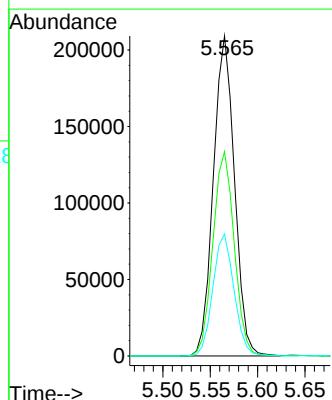
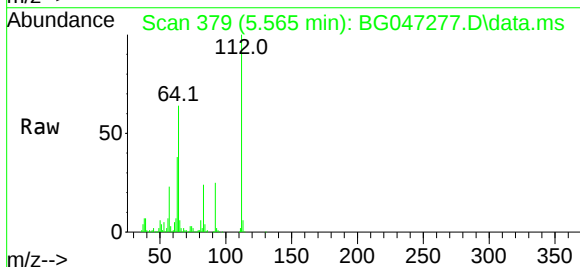
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

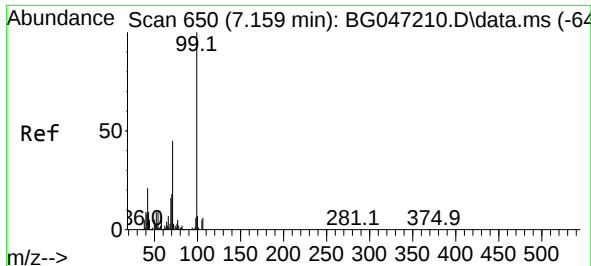
Tgt Ion:152 Resp: 64555
Ion Ratio Lower Upper
152 100
150 152.3 125.0 187.6
115 58.0 41.8 62.6



#5
2-Fluorophenol
Concen: 81.40 ng
RT: 5.565 min Scan# 379
Delta R.T. 0.004 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion:112 Resp: 324196
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 38.2 22.8 34.2#

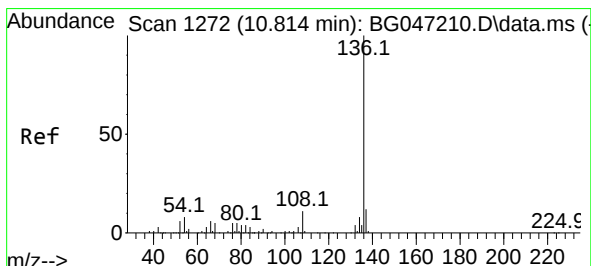
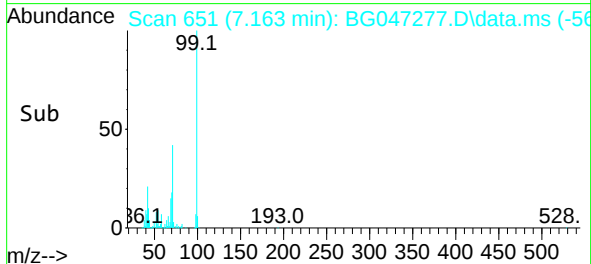
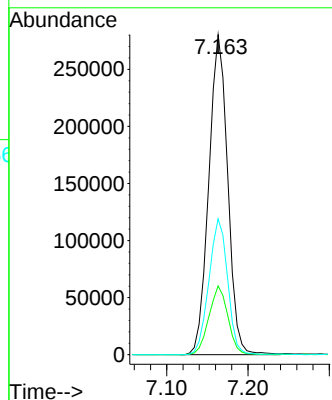
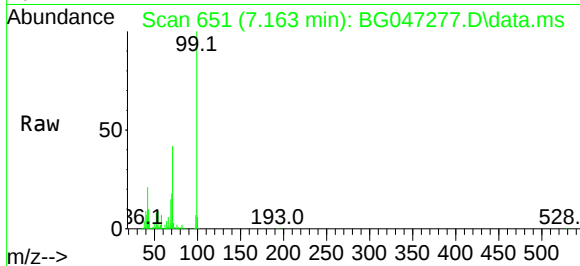




#7
Phenol-d6
Concen: 78.68 ng
RT: 7.163 min Scan# 651
Delta R.T. 0.004 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

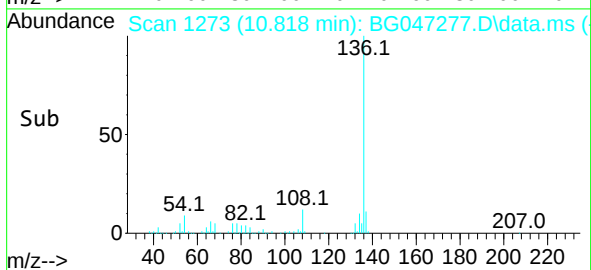
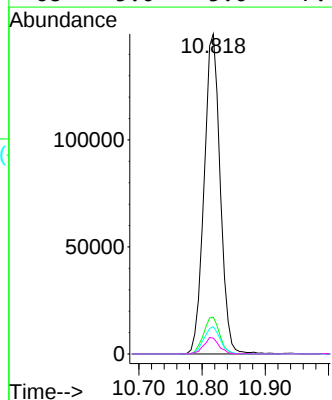
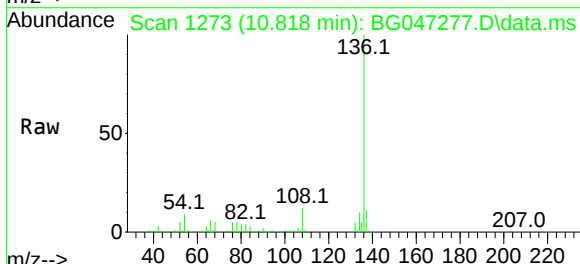
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

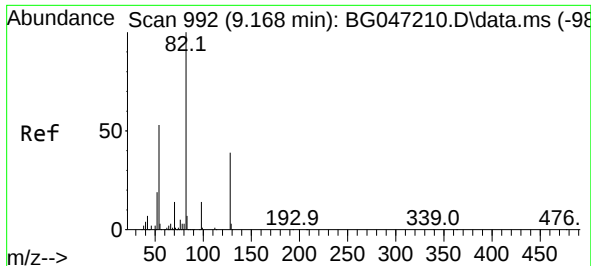
Tgt Ion: 99 Resp: 453620
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 42.5 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion: 136 Resp: 264156
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.5 6.2 9.4
68 5.0 5.0 7.4

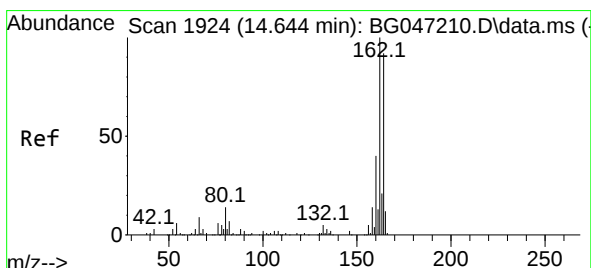
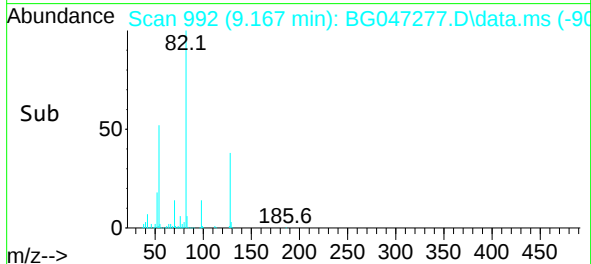
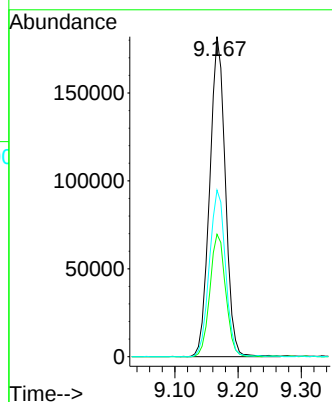
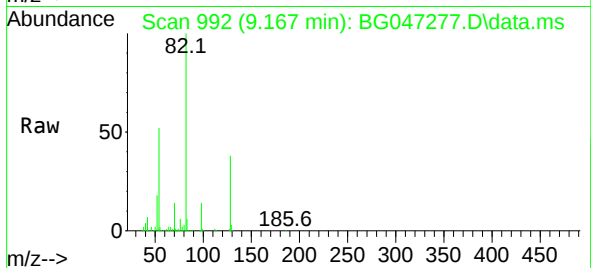




#23
Nitrobenzene-d5
Concen: 50.77 ng
RT: 9.167 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

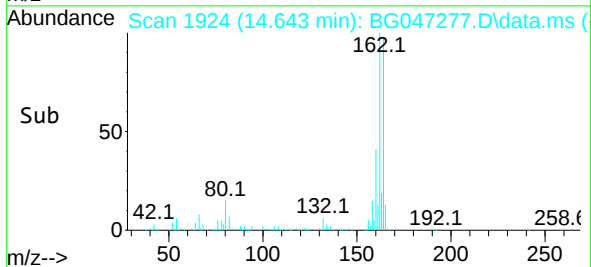
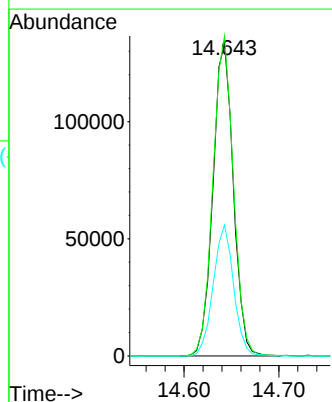
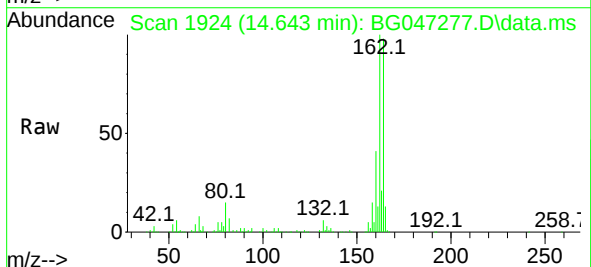
Instrument :
BNA_G
ClientSampleId :
PAV-B7-110920-10-20

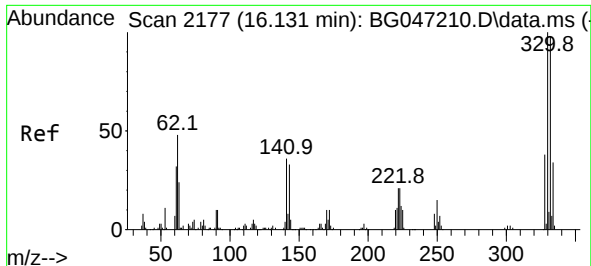
Tgt Ion: 82 Resp: 312499
Ion Ratio Lower Upper
82 100
128 38.3 37.0 55.6
54 52.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion:164 Resp: 199594
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 41.9 35.3 52.9

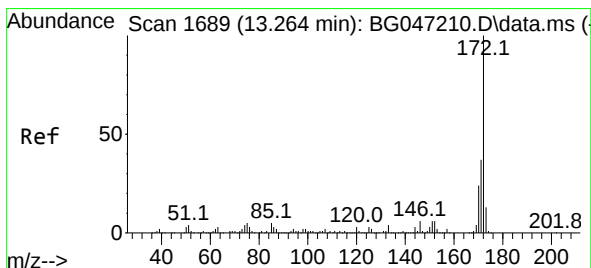
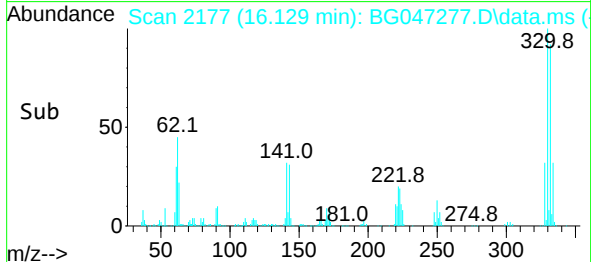
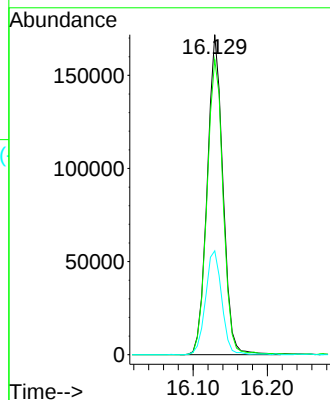
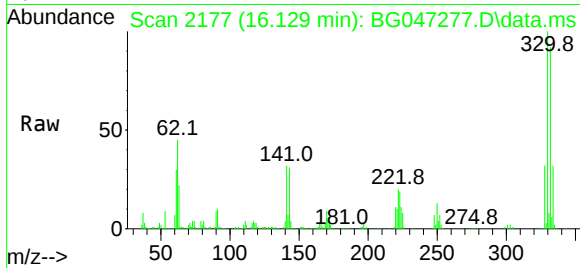




#42
2,4,6-Tribromophenol
Concen: 75.67 ng
RT: 16.129 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

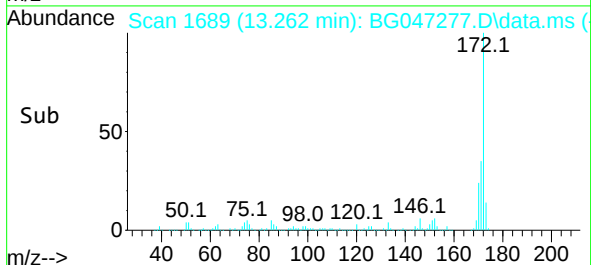
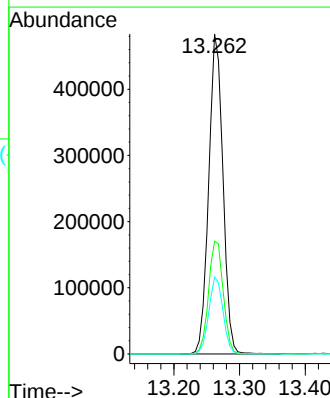
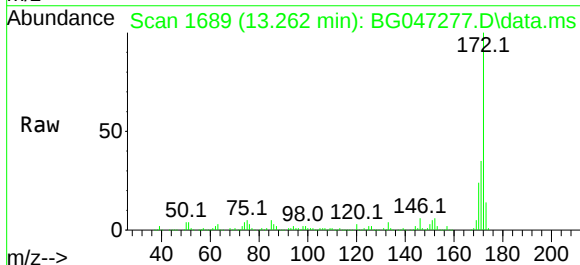
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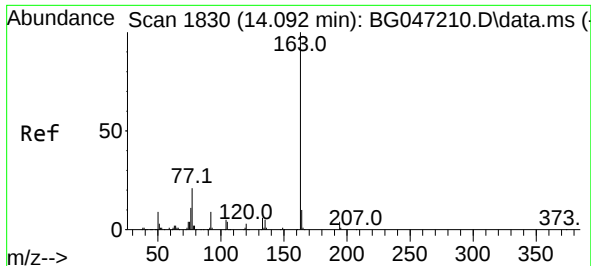
Tgt Ion:330 Resp: 252900
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 33.4 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 46.90 ng
RT: 13.262 min Scan# 1689
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion:172 Resp: 729848
Ion Ratio Lower Upper
172 100
171 35.3 31.3 46.9
170 24.1 20.8 31.2

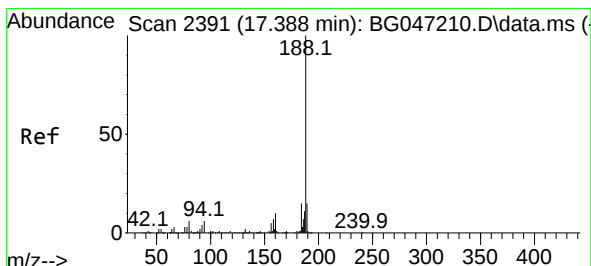
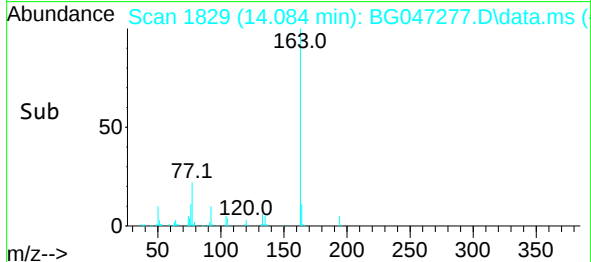
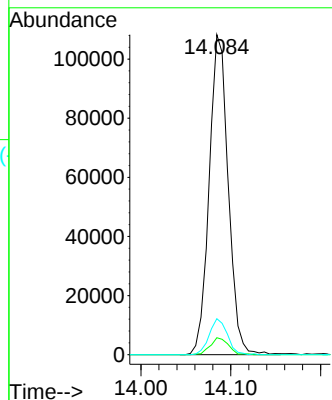
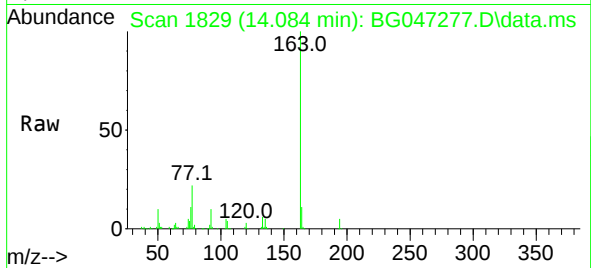




#50
Dimethylphthalate
Concen: 9.06 ng
RT: 14.084 min Scan# 1829
Delta R.T. -0.008 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

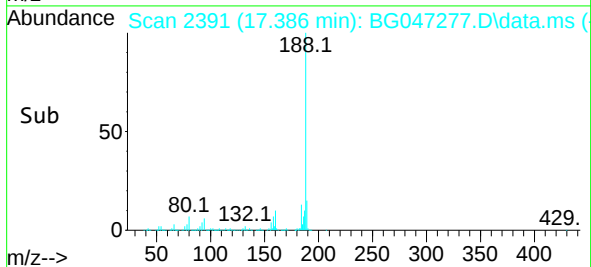
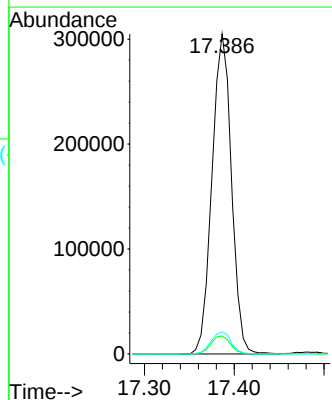
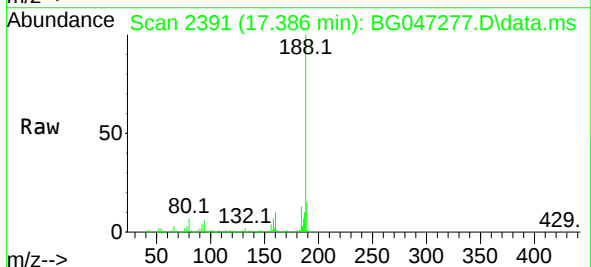
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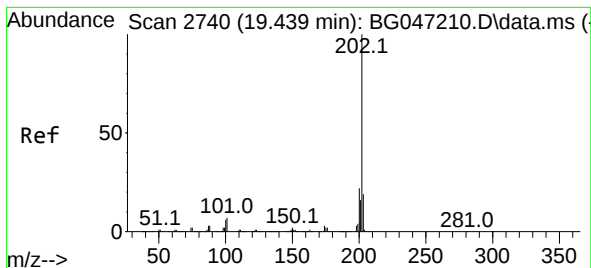
Tgt Ion:163 Resp: 159649
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 11.3 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion:188 Resp: 458514
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.9 7.0 10.6#

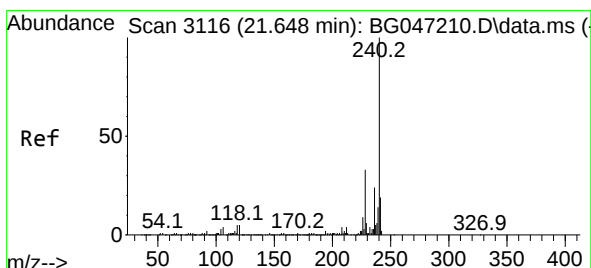
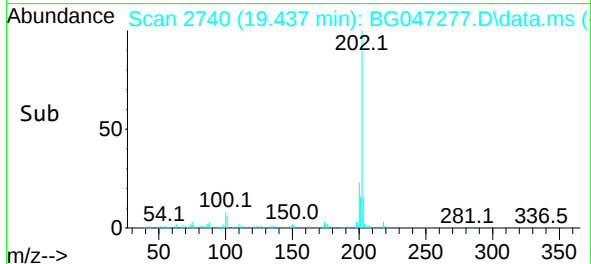
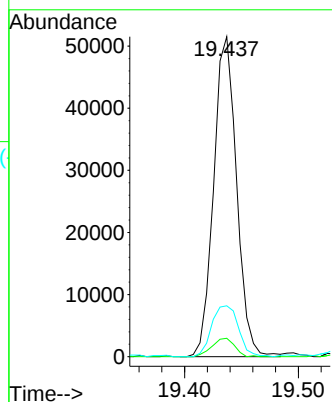
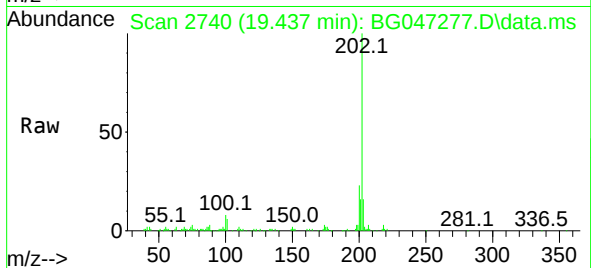




#75
Fluoranthene
Concen: 2.13 ng
RT: 19.437 min Scan# 2740
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

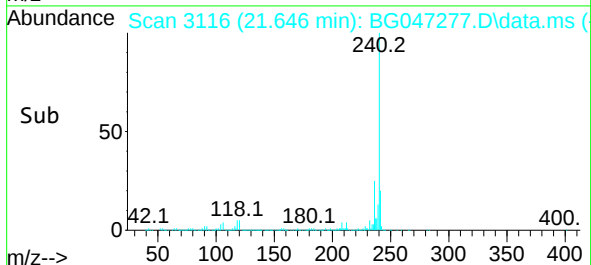
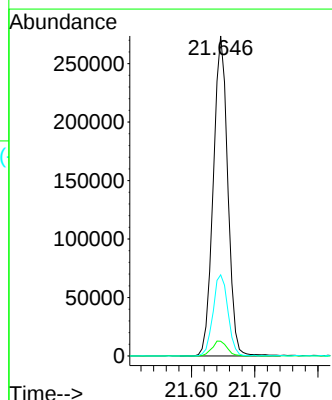
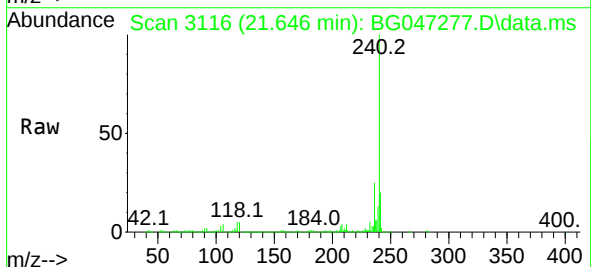
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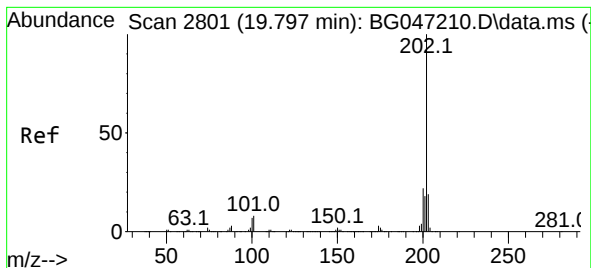
Tgt Ion:202 Resp: 72344
Ion Ratio Lower Upper
202 100
101 5.8 0.0 29.7
203 15.9 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.646 min Scan# 3116
Delta R.T. -0.002 min
Lab File: BG047277.D
Acq: 10 Nov 2020 20:24

Tgt Ion:240 Resp: 435923
Ion Ratio Lower Upper
240 100
120 4.6 6.2 9.4#
236 25.4 20.5 30.7





#78

Pyrene

Concen: 2.38 ng

RT: 19.795 min Scan# 2801

Delta R.T. -0.002 min

Lab File: BG047277.D

Acq: 10 Nov 2020 20:24

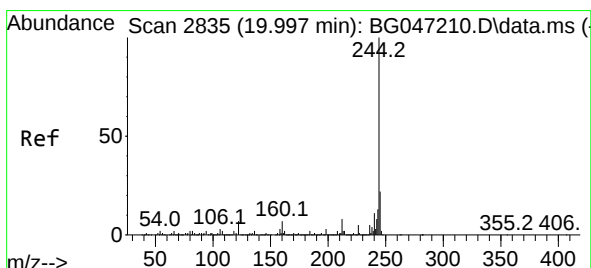
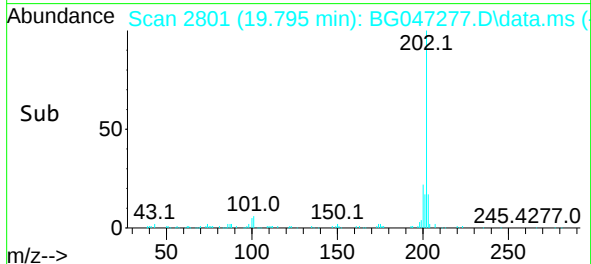
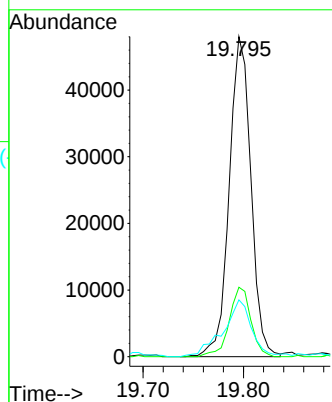
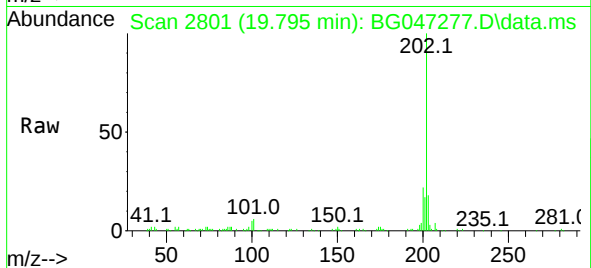
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	202	Resp:	72199
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.6	27.8
203	17.8	15.3	22.9



#79

Terphenyl-d14

Concen: 43.95 ng

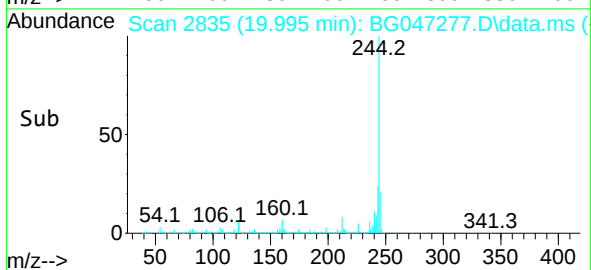
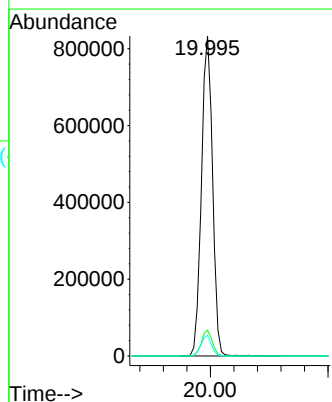
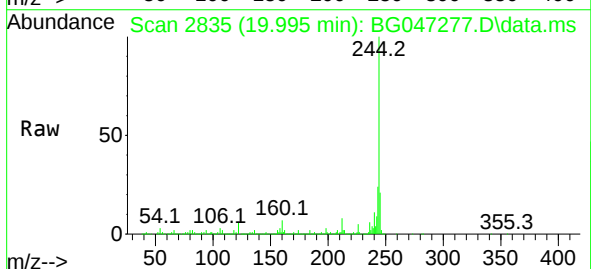
RT: 19.995 min Scan# 2835

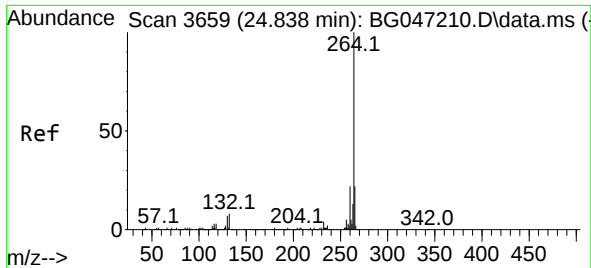
Delta R.T. -0.002 min

Lab File: BG047277.D

Acq: 10 Nov 2020 20:24

Tgt Ion:	244	Resp:	1089507
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.7	10.1
122	6.4	7.8	11.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.837 min Scan# 3659
 Delta R.T. -0.002 min
 Lab File: BG047277.D
 Acq: 10 Nov 2020 20:24

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B7-110920-10-20

Tgt Ion:264 Resp: 462783

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.1	17.8	26.8

