

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047294.D
 Acq On : 11 Nov 2020 21:27
 Operator : CG/JU
 Sample : L4631-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-10-15.25

Quant Time: Nov 12 02:09:52 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)

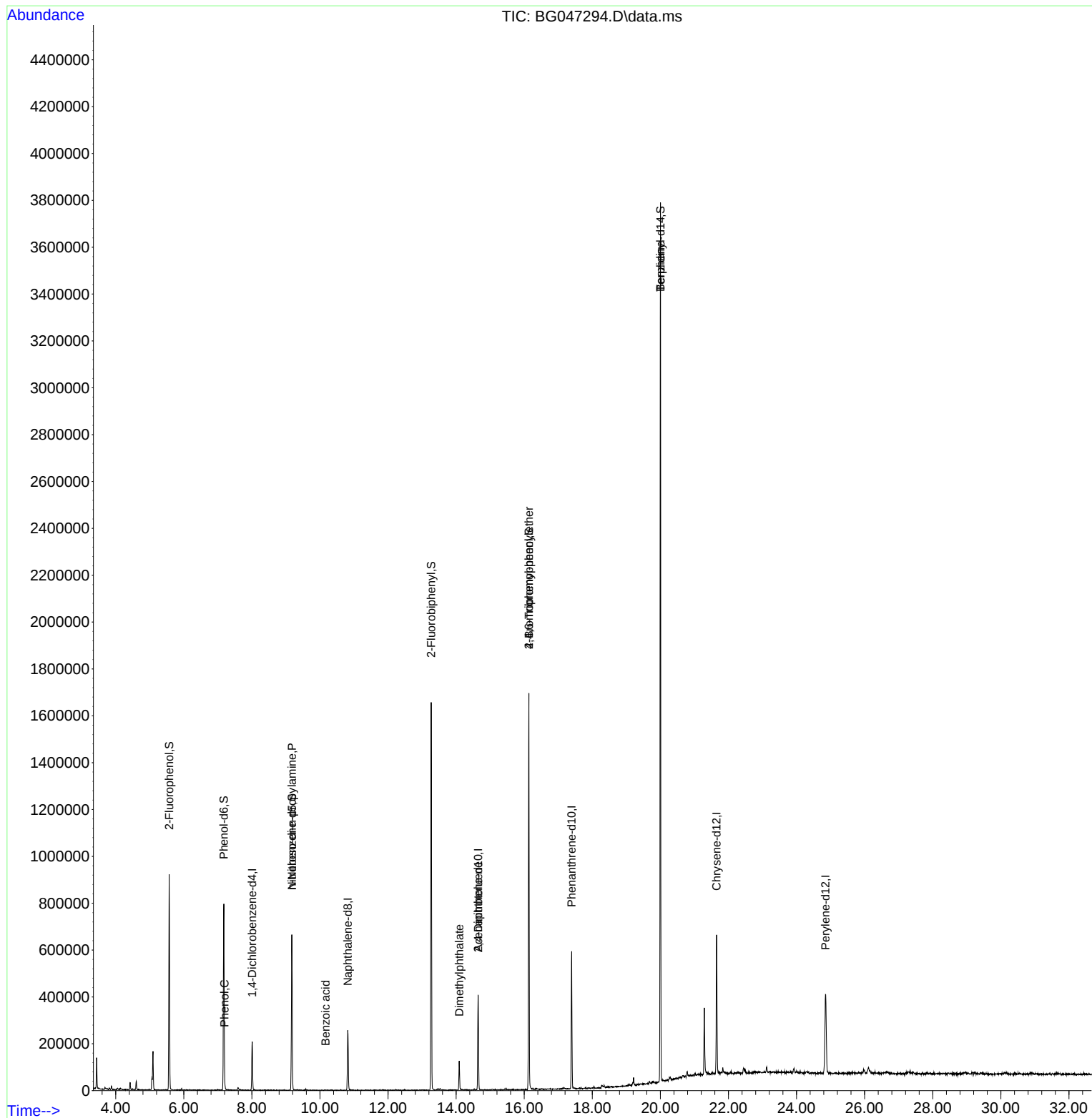
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	55289	20.00	ng	0.00
21) Naphthalene-d8	10.818	136	217179	20.00	ng	0.00
39) Acenaphthene-d10	14.649	164	151361	20.00	ng	0.00
64) Phenanthrene-d10	17.393	188	369809	20.00	ng	# 0.00
76) Chrysene-d12	21.652	240	366588	20.00	ng	# 0.00
86) Perylene-d12	24.849	264	375213	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	357043	104.68	ng	0.01
7) Phenol-d6	7.175	99	419091	84.88	ng	0.02
23) Nitrobenzene-d5	9.173	82	392046	77.47	ng	0.00
42) 2,4,6-Tribromophenol	16.135	330	324863	128.17	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	874130	74.07	ng	0.00
79) Terphenyl-d14	20.001	244	1577251	75.66	ng	0.00
Target Compounds						
10) Phenol	7.199	94	10834	2.31	ng	# 70
19) n-Nitroso-di-n-propyla...	9.173	70	55059	16.97	ng	# 81
32) Benzoic acid	10.166	122	83	4.77	ng	# 1
50) Dimethylphthalate	14.091	163	83029	6.21	ng	96
57) 2,4-Dinitrotoluene	14.649	165	20241	5.00	ng	# 34
67) 4-Bromophenyl-phenylether	16.135	248	21371	4.14	ng	# 1
77) Benzidine	20.001	184	27250	2.22	ng	97

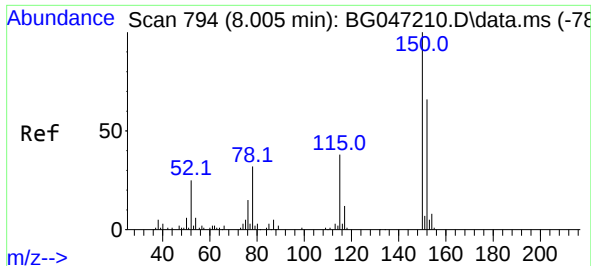
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047294.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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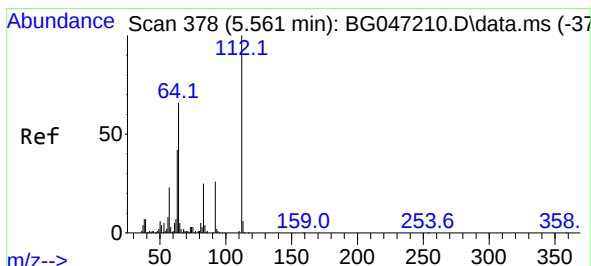
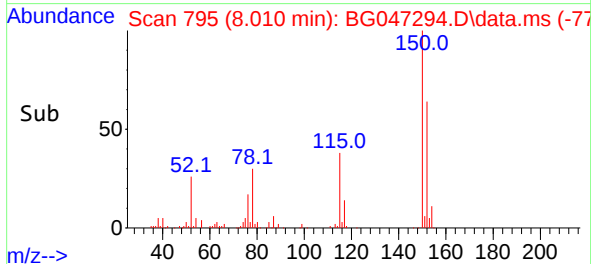
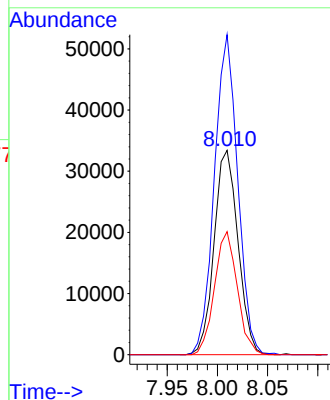
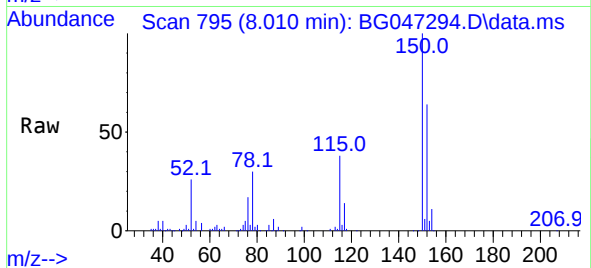




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.010 min Scan# 795
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

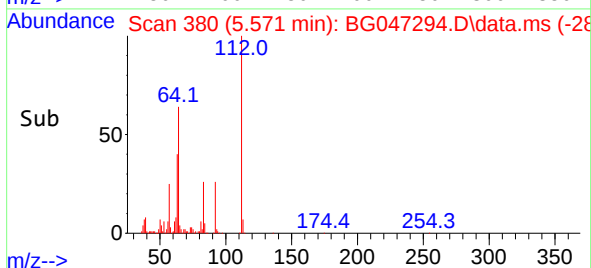
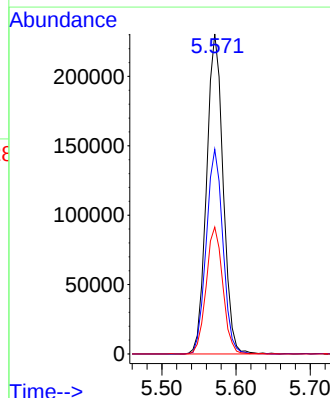
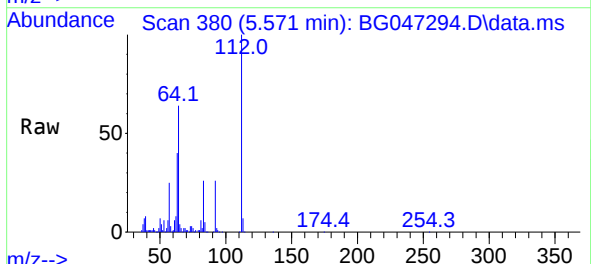
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

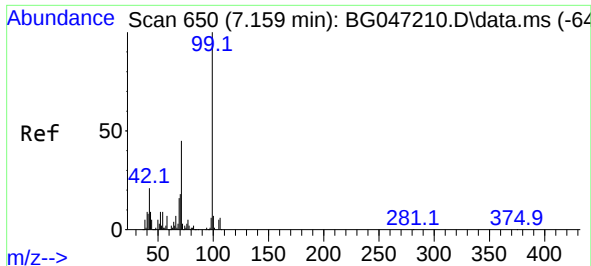
Tgt Ion:152 Resp: 55289
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 104.68 ng
RT: 5.571 min Scan# 380
Delta R.T. 0.010 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

Tgt Ion:112 Resp: 357043
Ion Ratio Lower Upper
112 100
64 64.0 46.7 70.1
63 39.6 22.8 34.2#

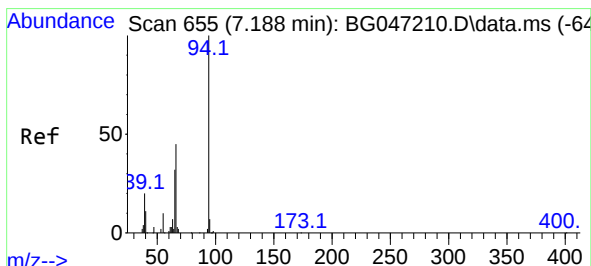
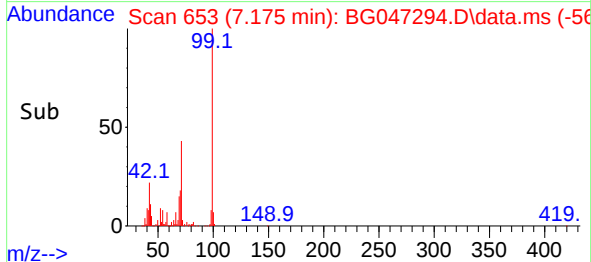
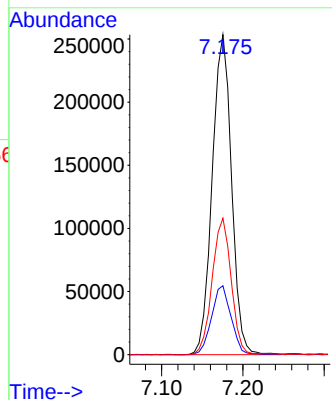
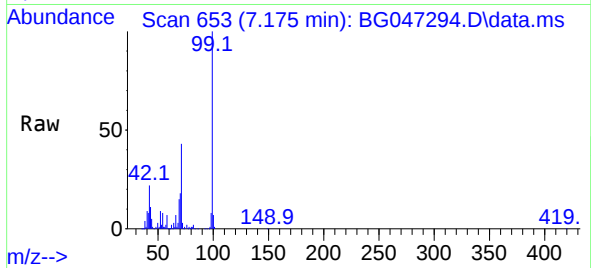




#7
Phenol-d6
Concen: 84.88 ng
RT: 7.175 min Scan# 653
Delta R.T. 0.016 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

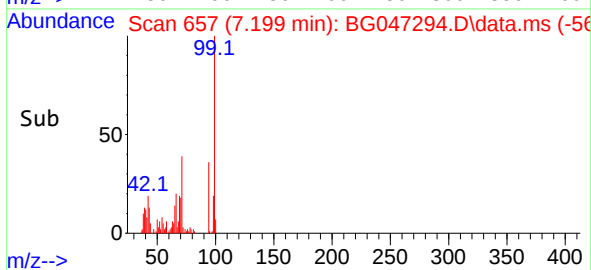
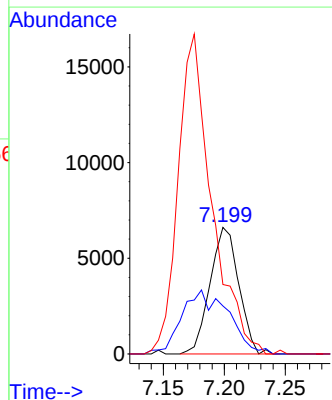
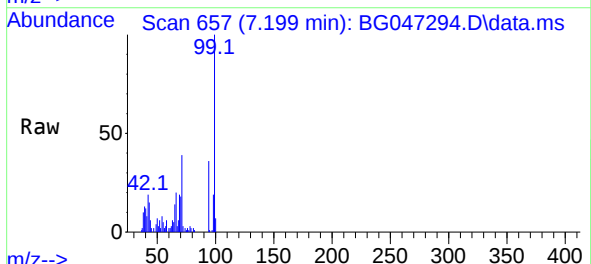
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

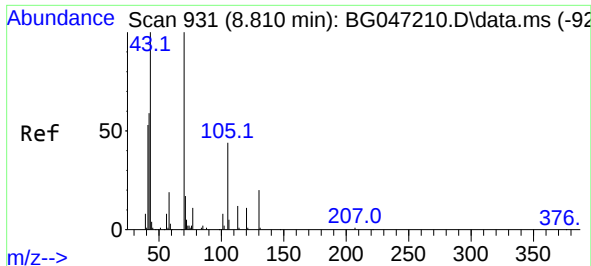
Tgt Ion: 99 Resp: 419091
Ion Ratio Lower Upper
99 100
42 21.5 12.8 19.2#
71 42.7 24.6 36.8#



#10
Phenol
Concen: 2.31 ng
RT: 7.199 min Scan# 657
Delta R.T. 0.010 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

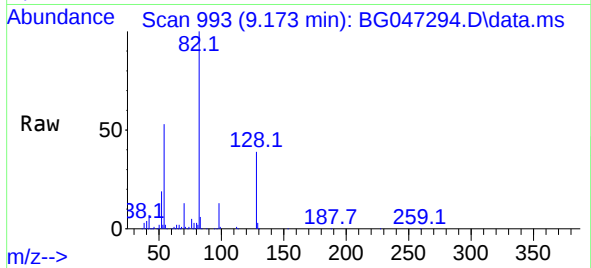
Tgt Ion: 94 Resp: 10834
Ion Ratio Lower Upper
94 100
65 38.0 6.6 46.6
66 54.9 13.9 53.9#



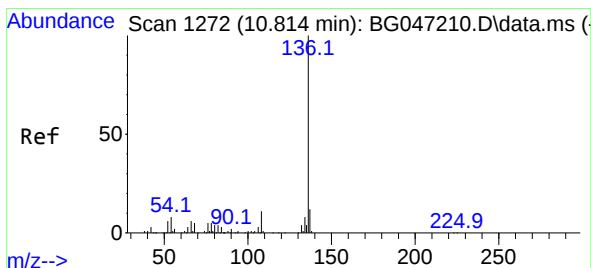
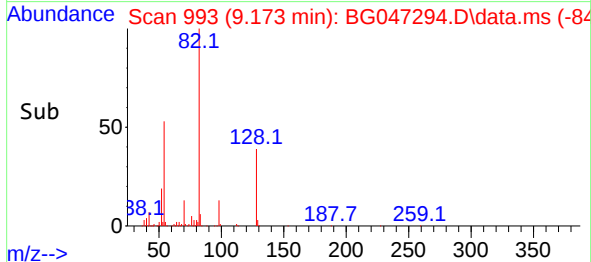
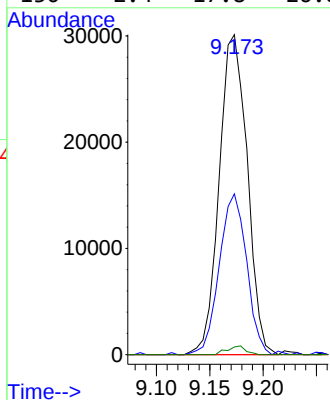


#19
n-Nitroso-di-n-propylamine
Concen: 16.97 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.363 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

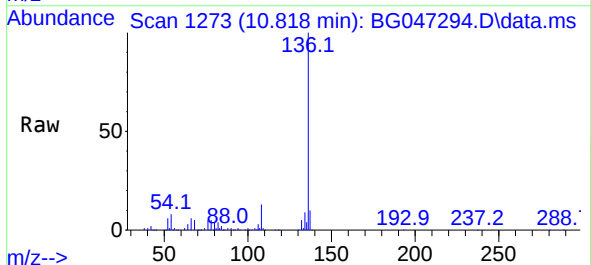
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25



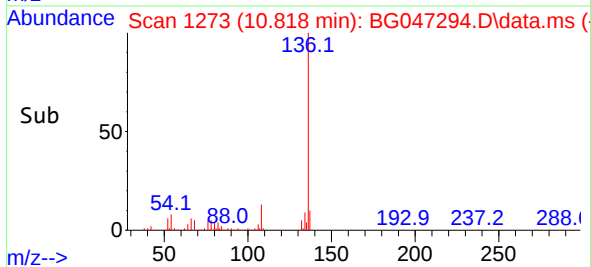
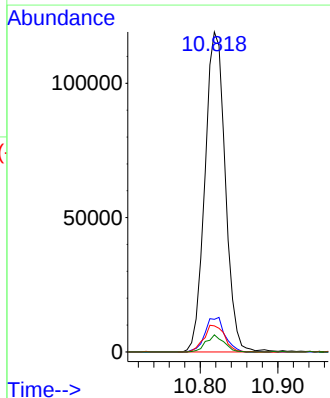
Tgt Ion: 70 Resp: 55059
Ion Ratio Lower Upper
70 100
42 50.2 45.6 68.4
101 0.0 8.4 12.6#
130 2.4 17.8 26.8#

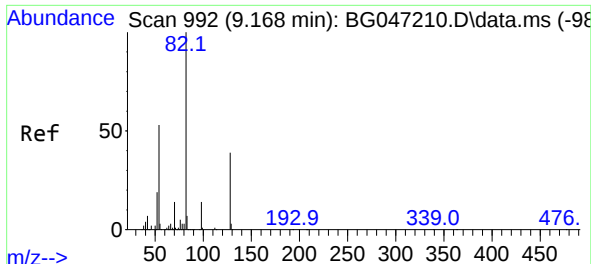


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.818 min Scan# 1273
Delta R.T. 0.004 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27



Tgt Ion: 136 Resp: 217179
Ion Ratio Lower Upper
136 100
137 10.2 9.1 13.7
54 8.1 6.2 9.4
68 5.4 5.0 7.4

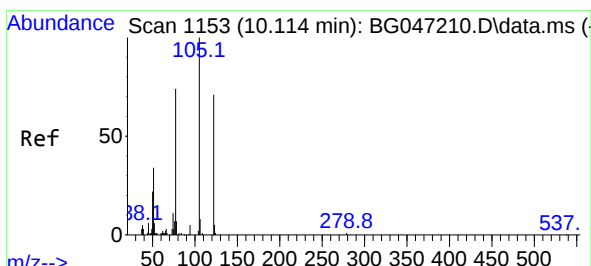
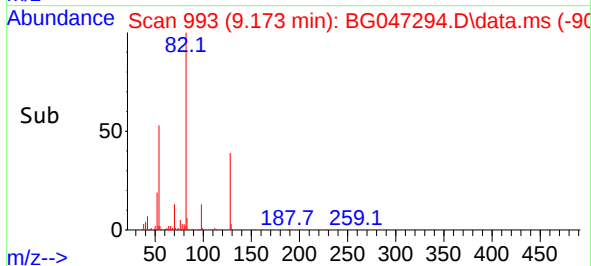
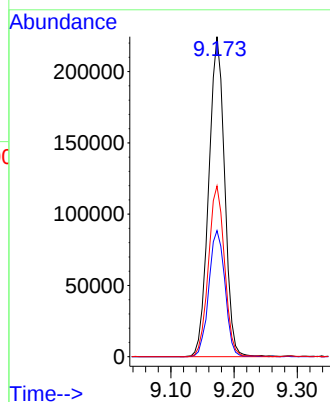
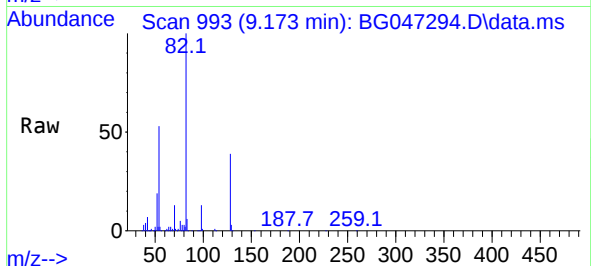




#23
Nitrobenzene-d5
Concen: 77.47 ng
RT: 9.173 min Scan# 993
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

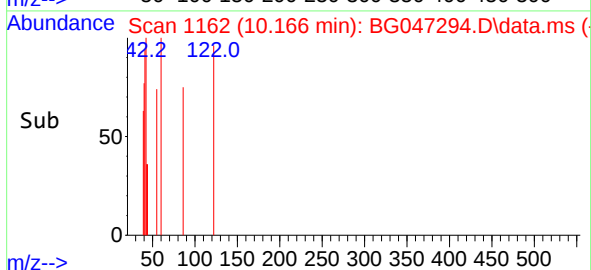
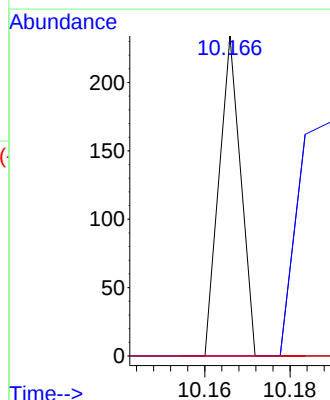
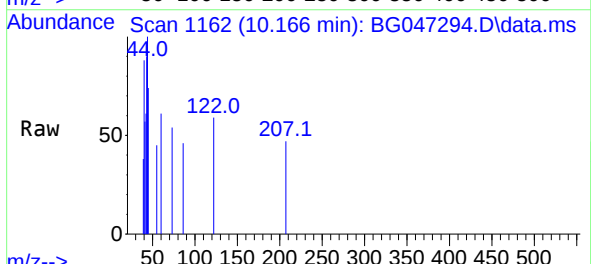
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

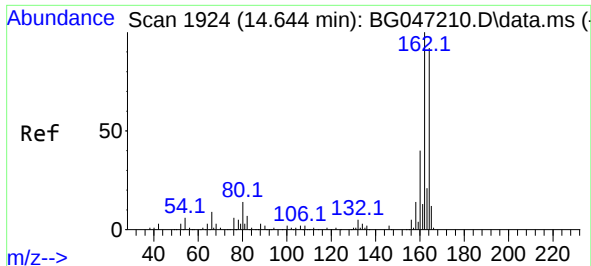
Tgt Ion: 82 Resp: 392046
Ion Ratio Lower Upper
82 100
128 39.4 37.0 55.6
54 53.4 39.0 58.4



#32
Benzoic acid
Concen: 4.77 ng
RT: 10.166 min Scan# 1162
Delta R.T. 0.052 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

Tgt Ion: 122 Resp: 83
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



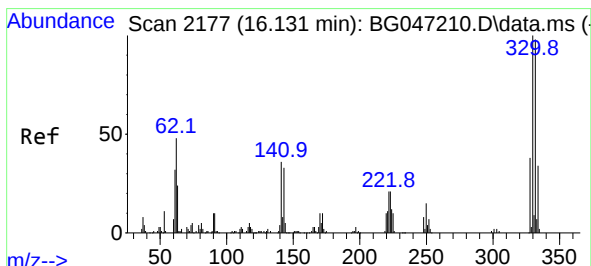
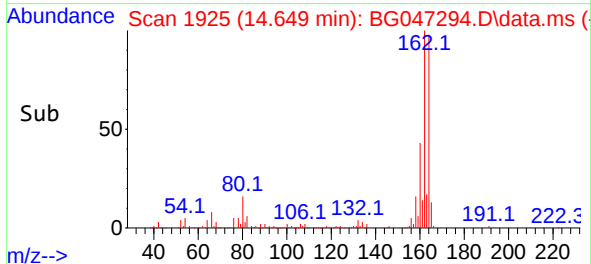
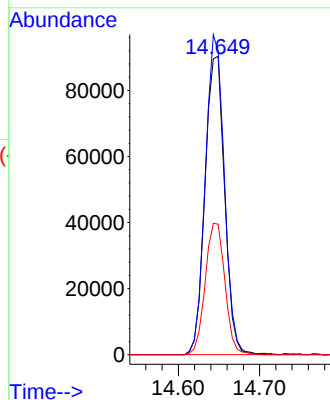
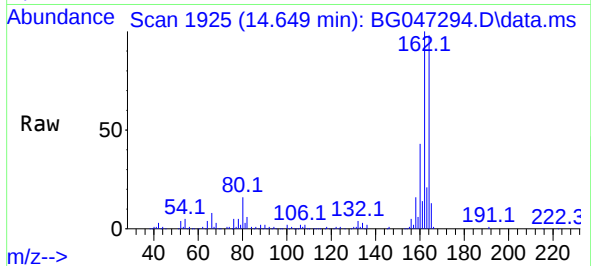


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.649 min Scan# 1925
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

Tgt Ion:164 Resp: 151361

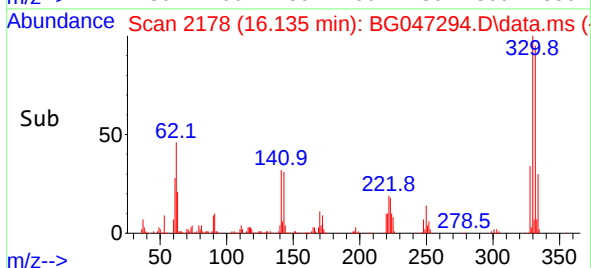
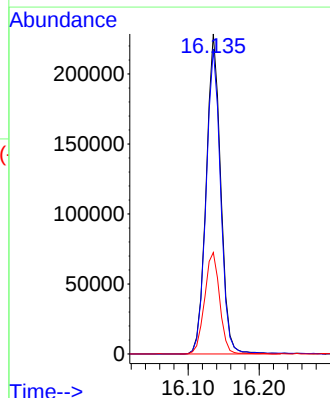
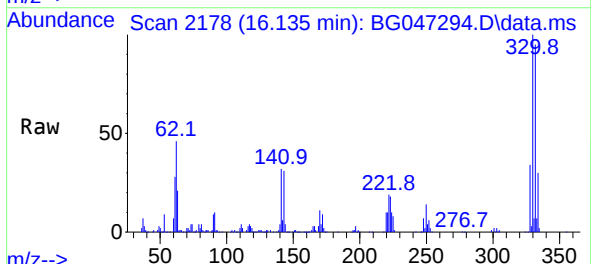
Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	43.8	35.3	52.9

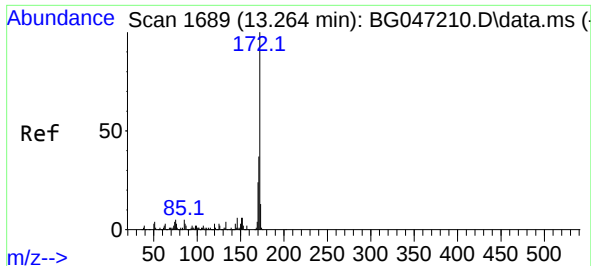


#42
2,4,6-Tribromophenol
Concen: 128.17 ng
RT: 16.135 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

Tgt Ion:330 Resp: 324863

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.5	114.7
141	32.9	26.0	39.0

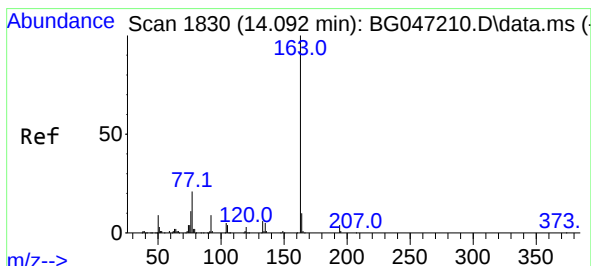
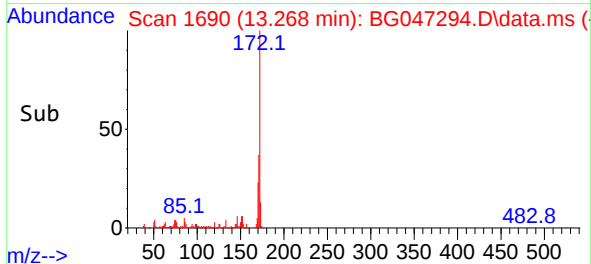
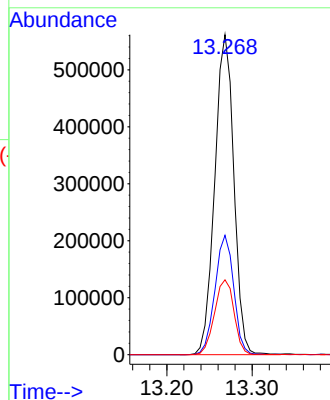
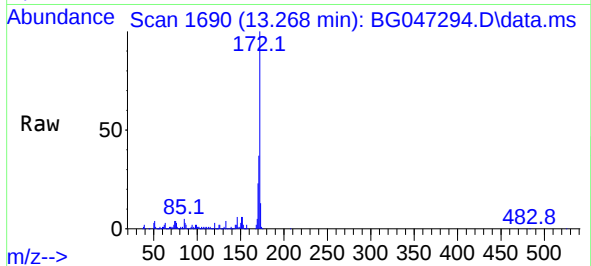




#45
2-Fluorobiphenyl
Concen: 74.07 ng
RT: 13.268 min Scan# 1690
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

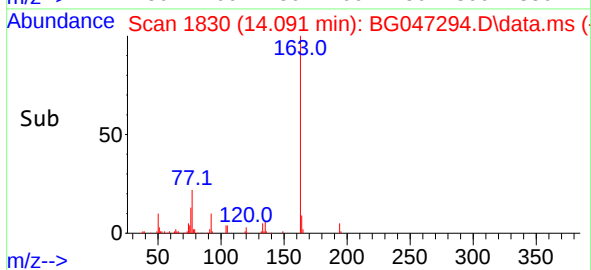
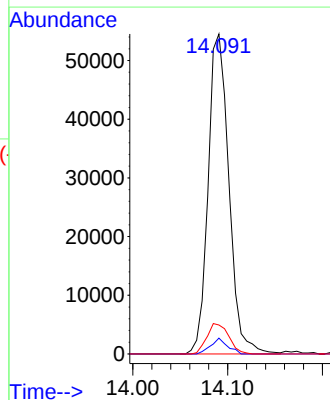
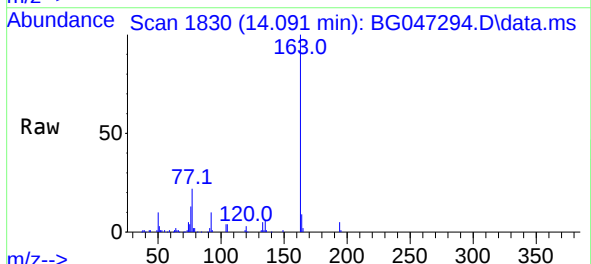
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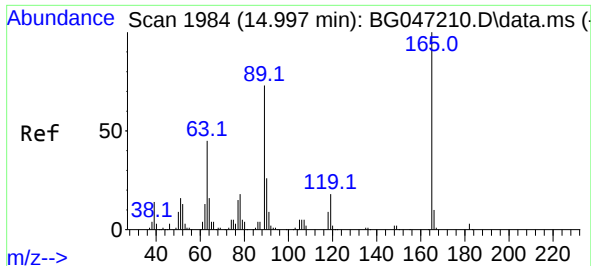
Tgt Ion:	172	Resp:	874130
Ion Ratio	Lower	Upper	
172	100		
171	37.3	31.3	46.9
170	23.4	20.8	31.2



#50
Dimethylphthalate
Concen: 6.21 ng
RT: 14.091 min Scan# 1830
Delta R.T. -0.001 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

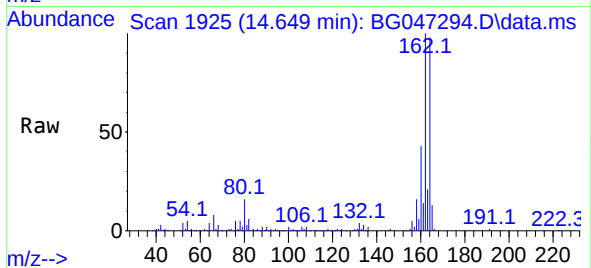
Tgt Ion:	163	Resp:	83029
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	9.1	8.8	13.2



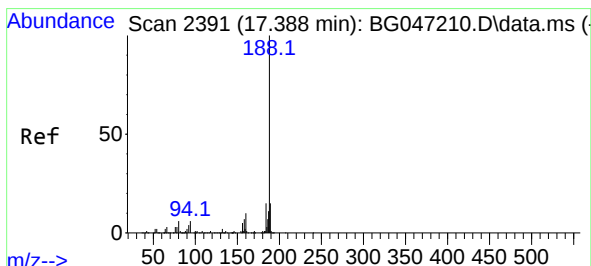
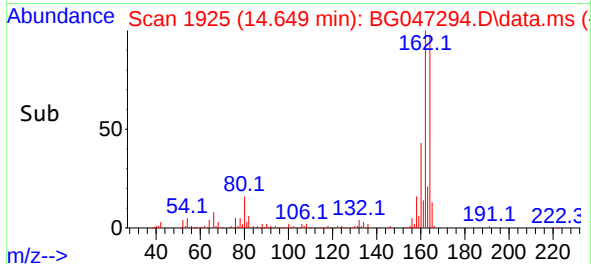
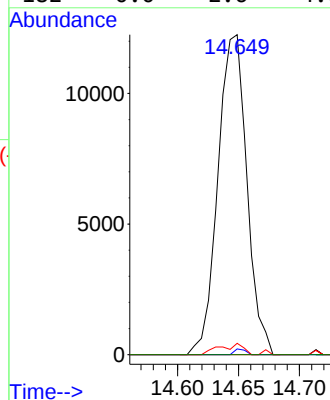


#57
2,4-Dinitrotoluene
Concen: 5.00 ng
RT: 14.649 min Scan# 1925
Delta R.T. -0.348 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

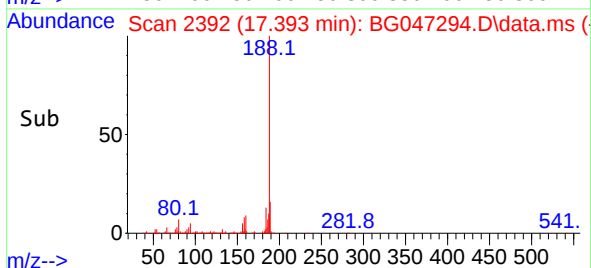
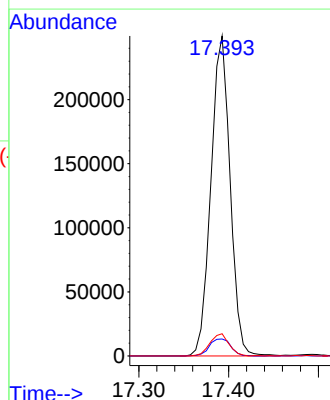
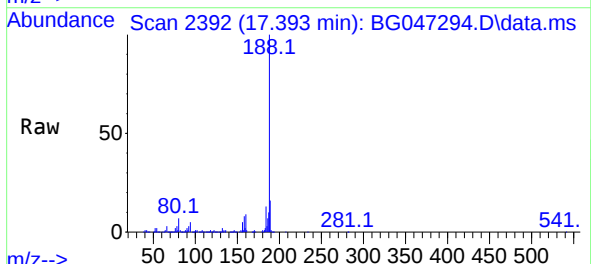


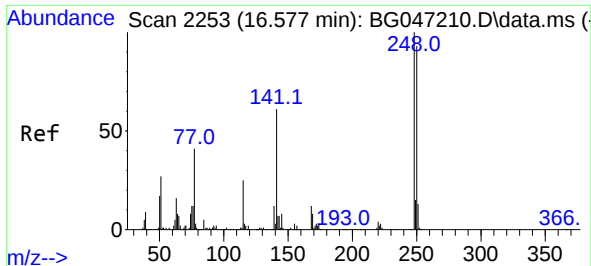
Tgt Ion:165 Resp: 20241
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 3.6 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.393 min Scan# 2392
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

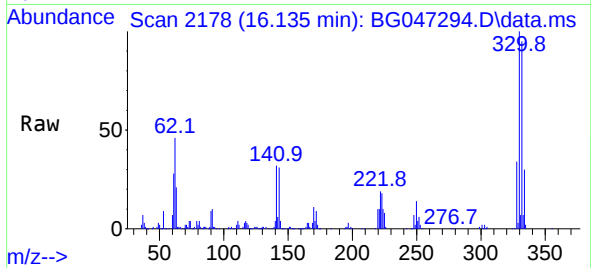
Tgt Ion:188 Resp: 369809
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.9 7.0 10.6#



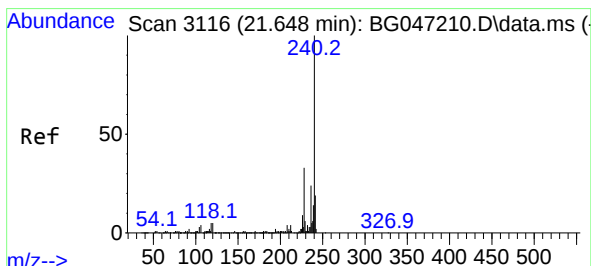
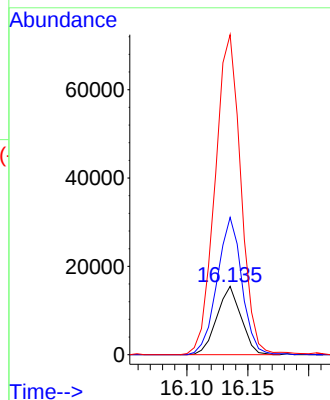
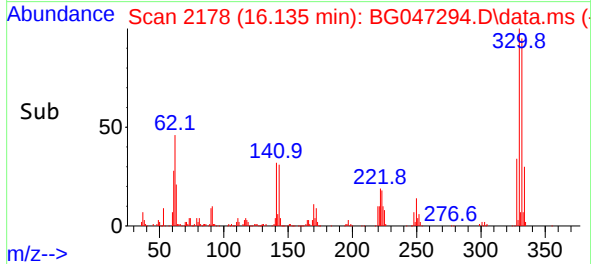


#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.135 min Scan# 2178
Delta R.T. -0.442 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

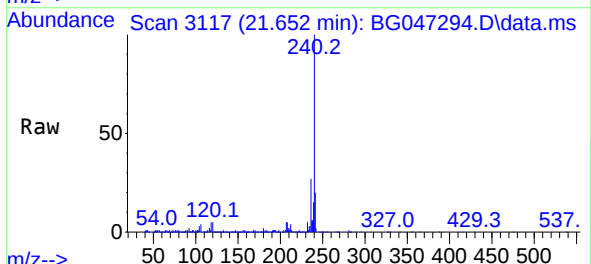
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25



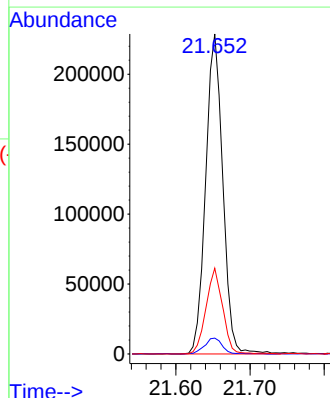
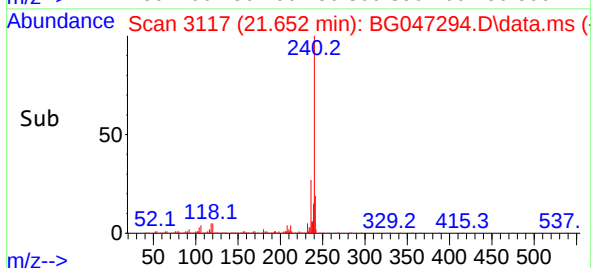
Tgt Ion:248 Resp: 21371
Ion Ratio Lower Upper
248 100
250 201.0 78.9 118.3#
141 468.5 46.2 69.4#

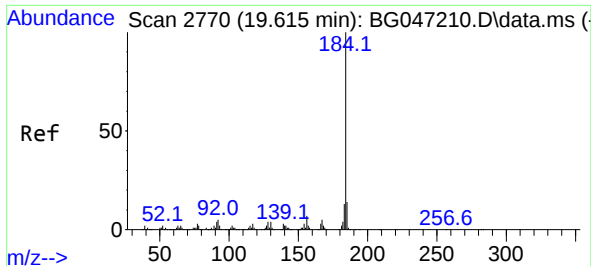


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.652 min Scan# 3117
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27



Tgt Ion:240 Resp: 366588
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 26.8 20.5 30.7

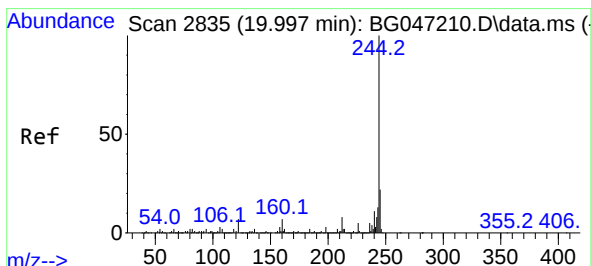
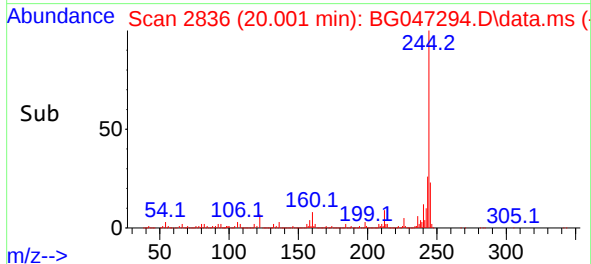
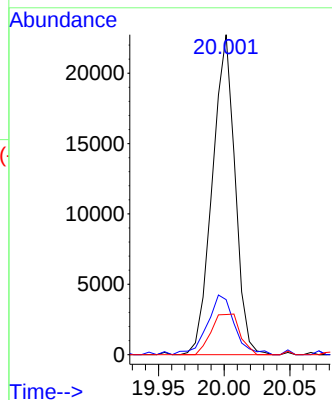
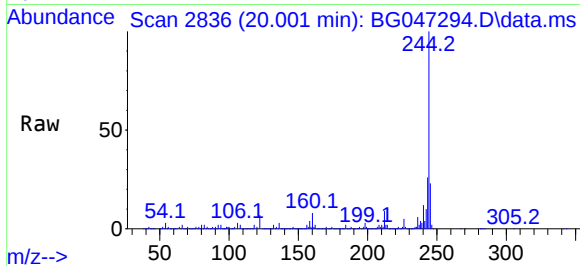




#77
Benzidine
Concen: 2.22 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.386 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

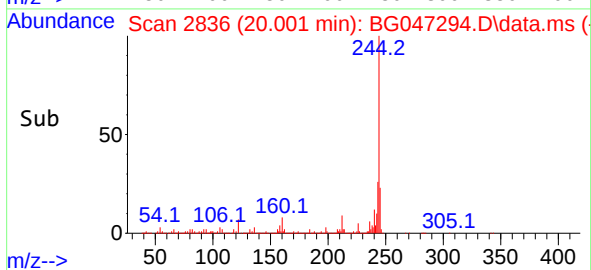
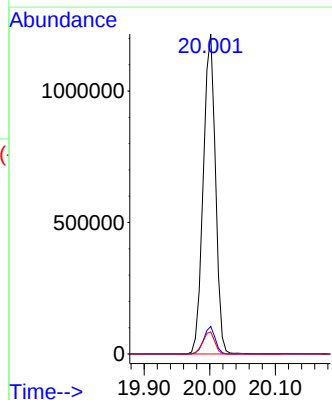
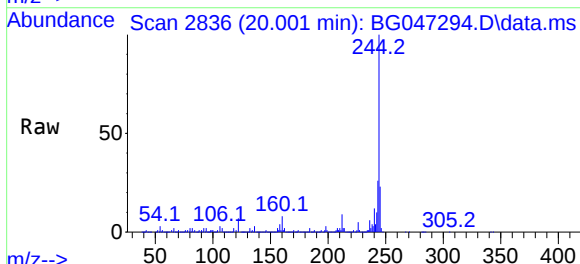
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-10-15.25

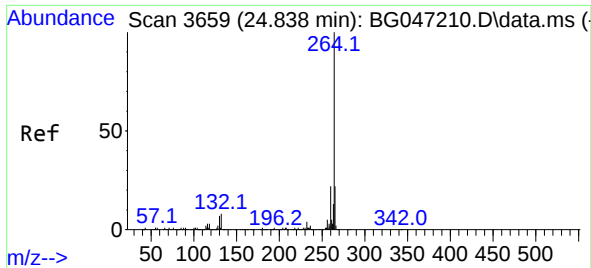
Tgt Ion:184	Resp:	27250
Ion Ratio	Lower	Upper
184	100	
185	17.2	12.4 18.6
183	12.5	10.6 15.8



#79
Terphenyl-d14
Concen: 75.66 ng
RT: 20.001 min Scan# 2836
Delta R.T. 0.005 min
Lab File: BG047294.D
Acq: 11 Nov 2020 21:27

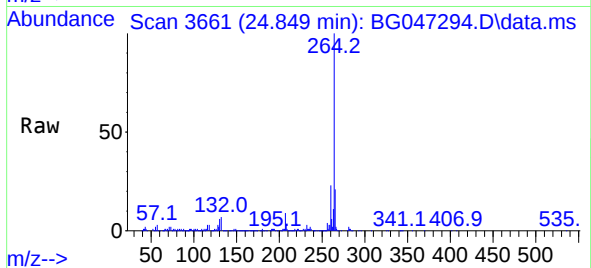
Tgt Ion:244	Resp:	1577251
Ion Ratio	Lower	Upper
244	100	
212	8.6	6.7 10.1
122	6.9	7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.849 min Scan# 3661
 Delta R.T. 0.010 min
 Lab File: BG047294.D
 Acq: 11 Nov 2020 21:27

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-10-15.25



Tgt Ion:264 Resp: 375213

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.1	17.8	26.8

