

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047279.D
 Acq On : 10 Nov 2020 21:45
 Operator : CG/JU
 Sample : L4671-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1A

Quant Time: Nov 11 02:01:12 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)

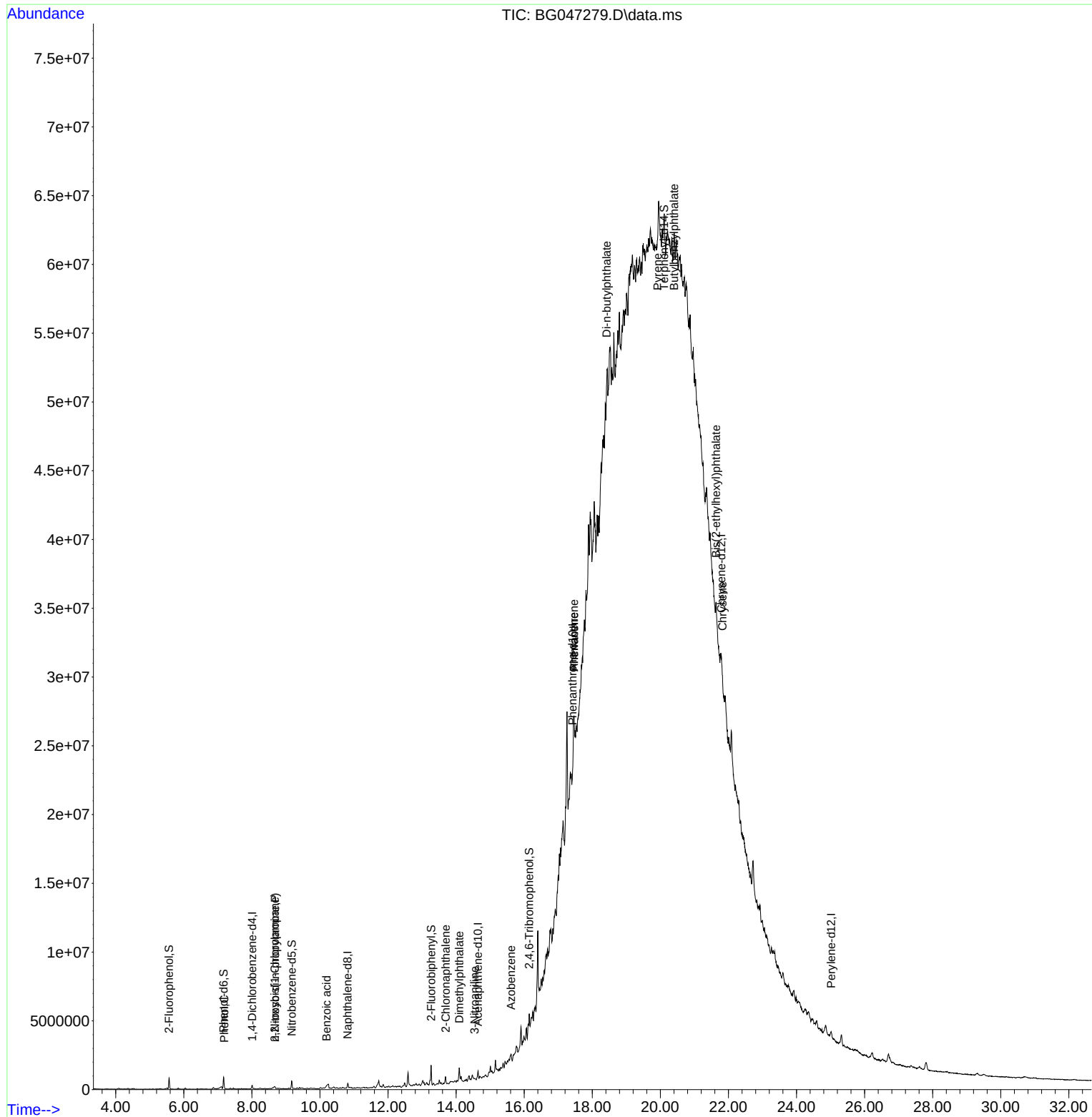
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	68014	20.00	ng	0.00
21) Naphthalene-d8	10.813	136	254883	20.00	ng	# 0.00
39) Acenaphthene-d10	14.644	164	155006	20.00	ng	0.00
64) Phenanthrene-d10	17.423	188	428263	20.00	ng	# 0.04
76) Chrysene-d12	21.795	240	473763	20.00	ng	# 0.15
86) Perylene-d12	25.020	264	330383	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	349766	83.36	ng	0.00
7) Phenol-d6	7.171	99	456417	75.14	ng	0.01
23) Nitrobenzene-d5	9.168	82	318281	53.59	ng	0.00
42) 2,4,6-Tribromophenol	16.148	330	213493	82.25	ng	0.02
45) 2-Fluorobiphenyl	13.269	172	674008	55.77	ng	0.00
79) Terphenyl-d14	20.108	244	1154514	42.85	ng	0.11
Target Compounds						
						Qvalue
10) Phenol	7.194	94	22555	3.91	ng	# 67
16) 2,2'-oxybis(1-Chloropr...	8.675	45	27021	3.83	ng	87
19) n-Nitroso-di-n-propyla...	8.681	70	13571	3.40	ng	# 3
32) Benzoic acid	10.196	122	45471	18.02	ng	# 80
47) 2-Chloronaphthalene	13.692	162	90666	8.76	ng	# 48
50) Dimethylphthalate	14.092	163	46870	3.42	ng	96
53) 3-Nitroaniline	14.544	138	6943	2.46	ng	# 27
63) Azobenzene	15.614	77	54222	4.47	ng	74
71) Phenanthrene	17.464	178	389266	15.66	ng	# 25
72) Anthracene	17.464	178	417289	17.28	ng	# 24
74) Di-n-butylphthalate	18.422	149	180164	6.91	ng	# 16
78) Pyrene	19.920	202	106579	3.23	ng	# 1
80) Butylbenzylphthalate	20.402	149	194218	15.60	ng	# 46
83) Chrysene	21.824	228	135074	4.18	ng	# 2
84) Bis(2-ethylhexyl)phtha...	21.636	149	333595	19.16	ng	# 71

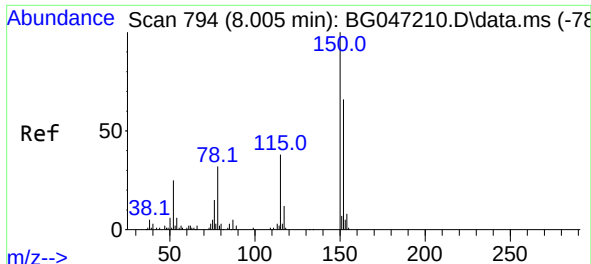
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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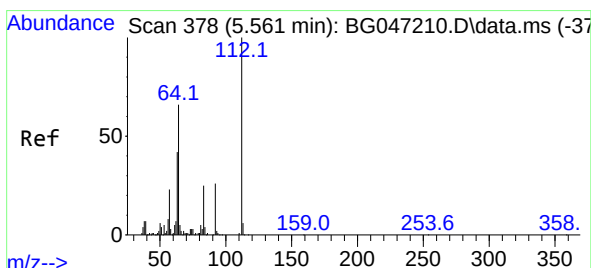
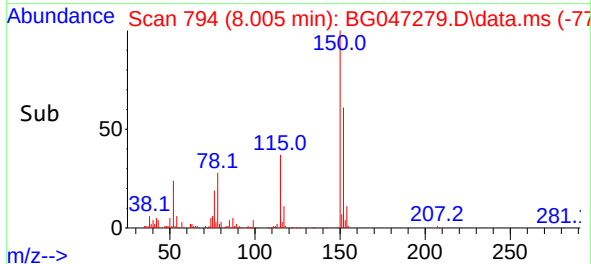
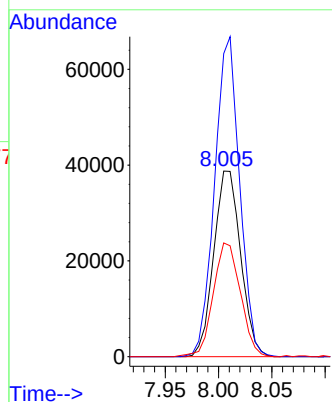
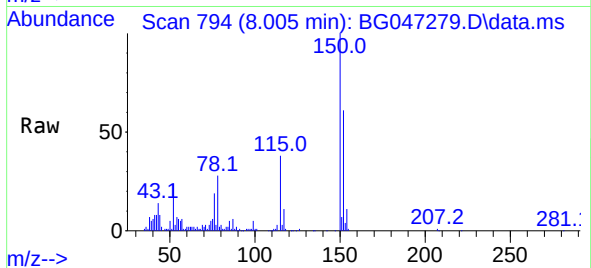




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.005 min Scan# 794
Delta R.T. -0.000 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

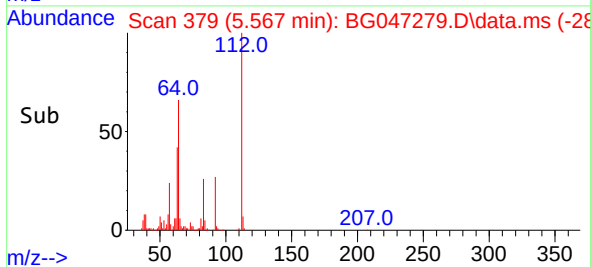
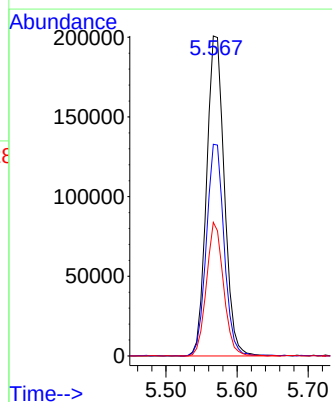
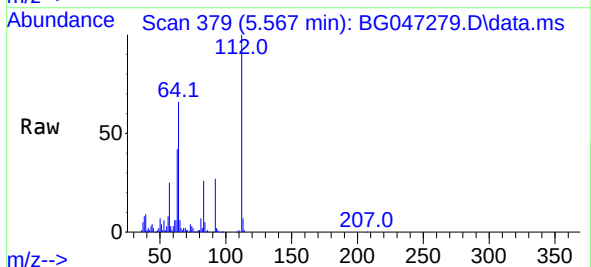
Instrument :
BNA_G
ClientSampleId :
1A

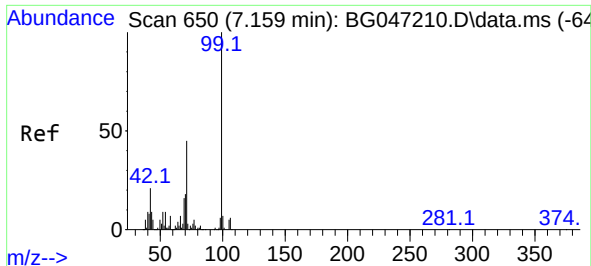
Tgt Ion:152 Resp: 68014
Ion Ratio Lower Upper
152 100
150 163.2 125.0 187.6
115 61.2 41.8 62.6



#5
2-Fluorophenol
Concen: 83.36 ng
RT: 5.567 min Scan# 379
Delta R.T. 0.006 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:112 Resp: 349766
Ion Ratio Lower Upper
112 100
64 66.2 46.7 70.1
63 41.8 22.8 34.2#

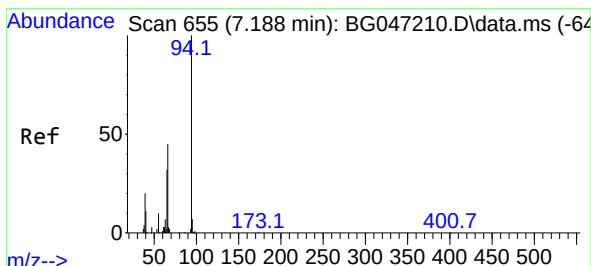
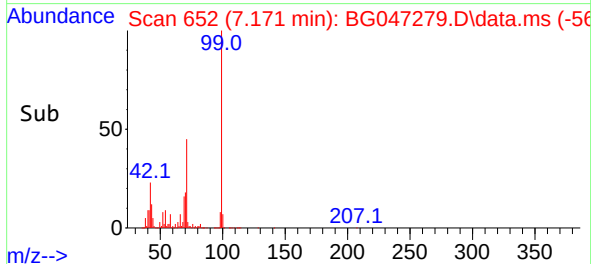
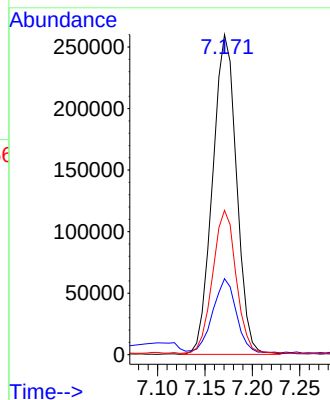
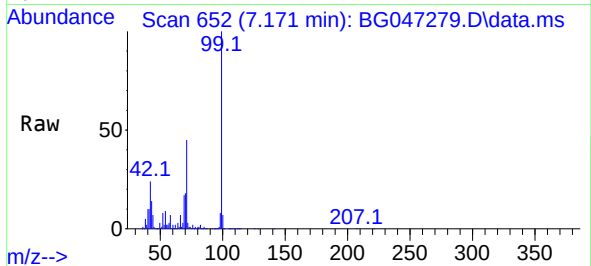




#7
Phenol-d6
Concen: 75.14 ng
RT: 7.171 min Scan# 652
Delta R.T. 0.012 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

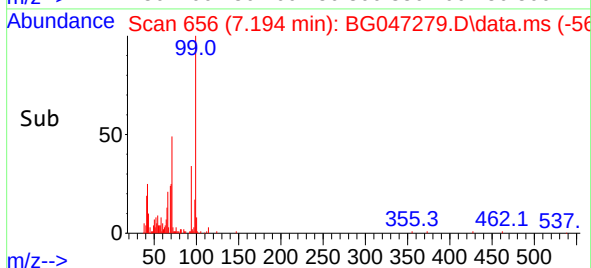
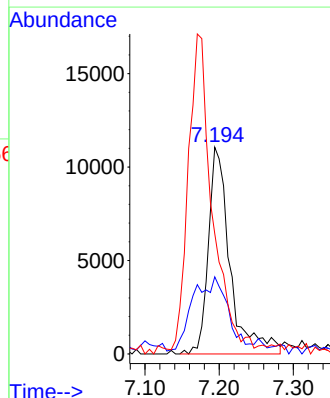
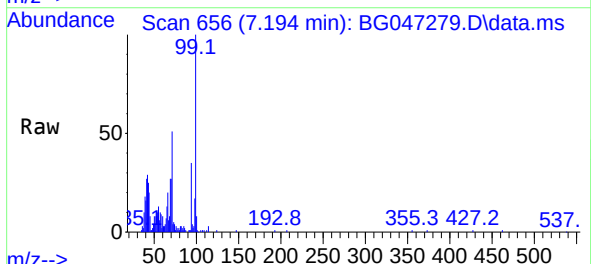
Instrument :
BNA_G
ClientSampleId :
1A

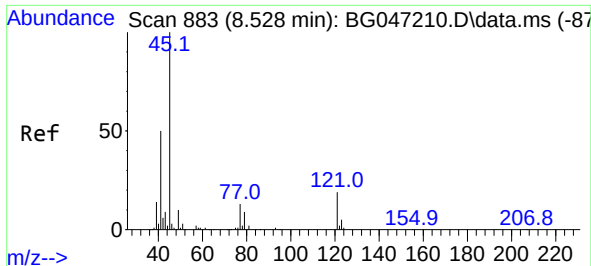
Tgt Ion: 99 Resp: 456417
Ion Ratio Lower Upper
99 100
42 23.7 12.8 19.2#
71 45.1 24.6 36.8#



#10
Phenol
Concen: 3.91 ng
RT: 7.194 min Scan# 656
Delta R.T. 0.006 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion: 94 Resp: 22555
Ion Ratio Lower Upper
94 100
65 37.3 6.6 46.6
66 58.2 13.9 53.9#

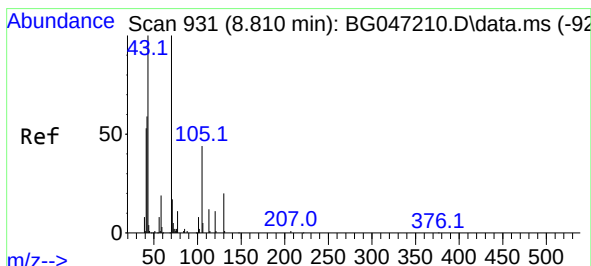
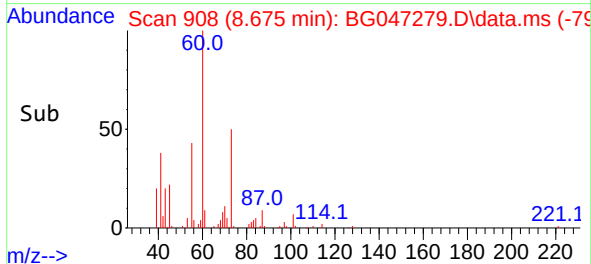
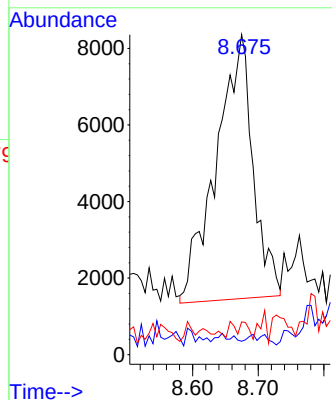
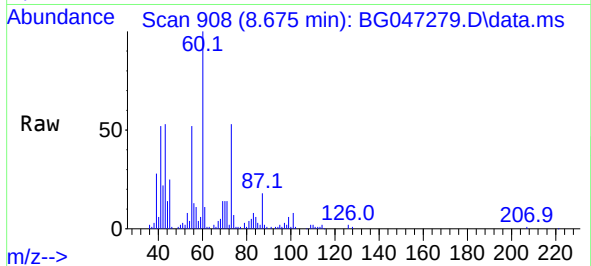




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.83 ng
RT: 8.675 min Scan# 908
Delta R.T. 0.147 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

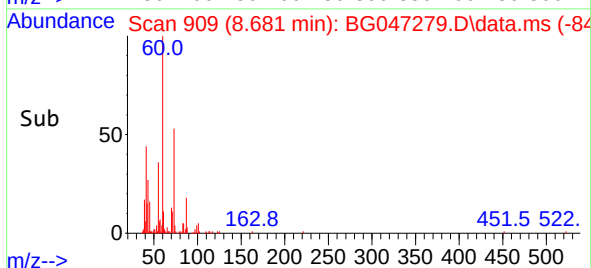
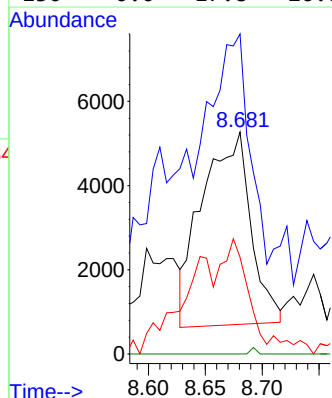
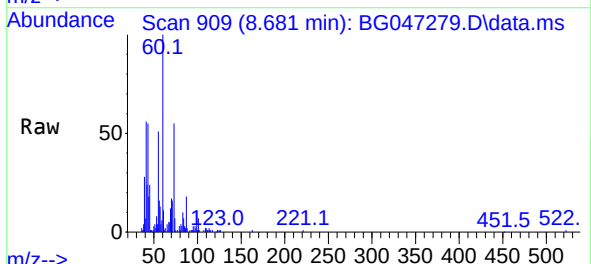
Instrument :
BNA_G
ClientSampleId :
1A

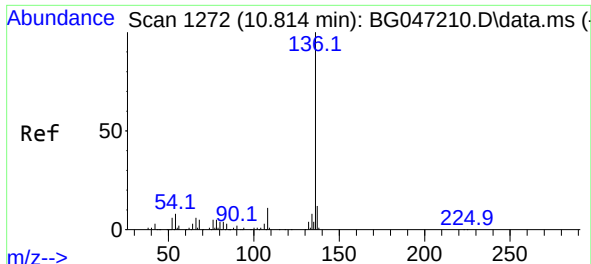
Tgt Ion:	45	Resp:	27021
Ion	Ratio	Lower	Upper
45	100		
77	4.2	0.0	33.4
79	10.2	0.0	30.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.40 ng
RT: 8.681 min Scan# 909
Delta R.T. -0.129 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:	70	Resp:	13571
Ion	Ratio	Lower	Upper
70	100		
42	144.2	45.6	68.4#
101	43.6	8.4	12.6#
130	0.0	17.8	26.8#

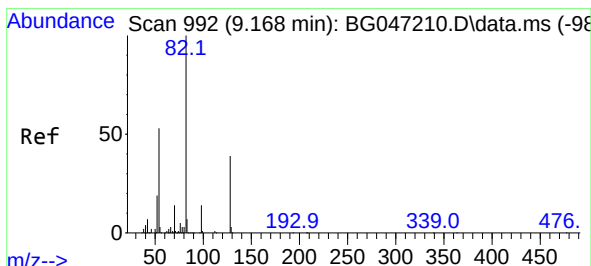
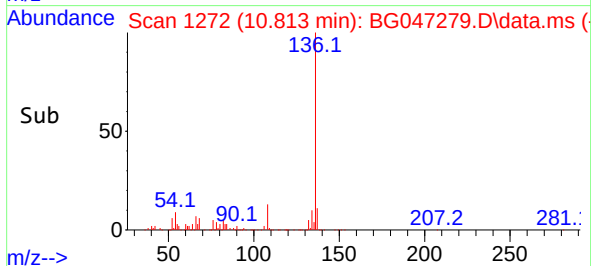
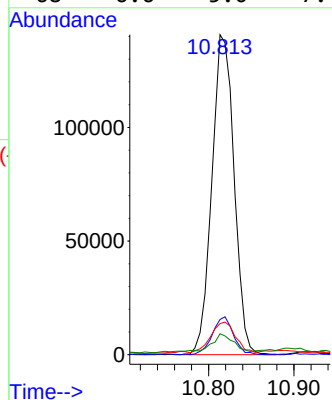
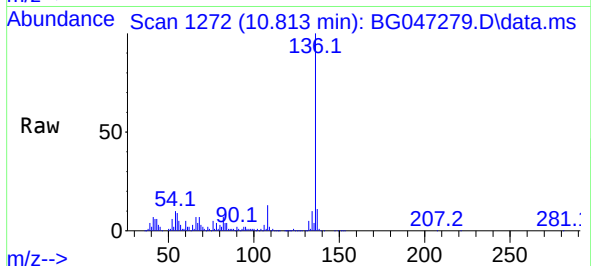




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.813 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

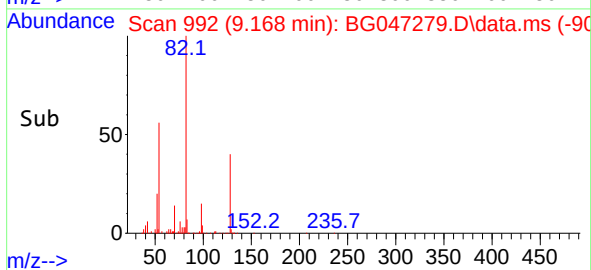
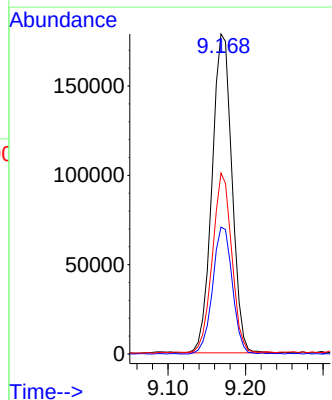
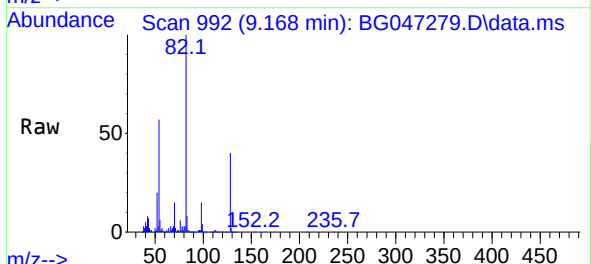
Instrument :
BNA_G
ClientSampleId :
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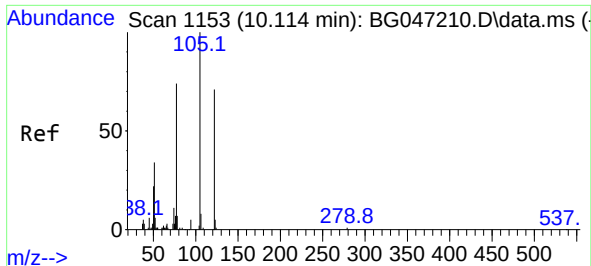
Tgt Ion:	136	Resp:	254883
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.7	6.2	9.4#
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 53.59 ng
RT: 9.168 min Scan# 992
Delta R.T. -0.000 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:	82	Resp:	318281
Ion	Ratio	Lower	Upper
82	100		
128	39.7	37.0	55.6
54	56.5	39.0	58.4

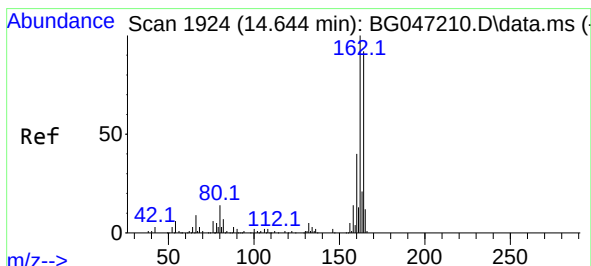
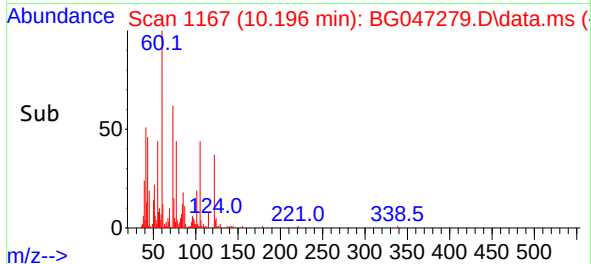
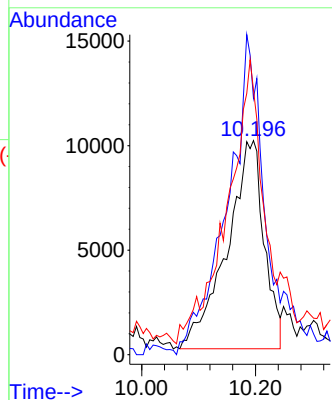
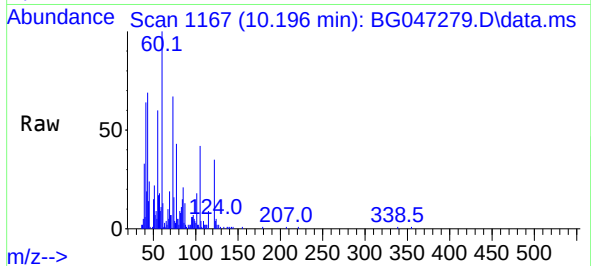




#32
Benzoic acid
Concen: 18.02 ng
RT: 10.196 min Scan# 1167
Delta R.T. 0.082 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

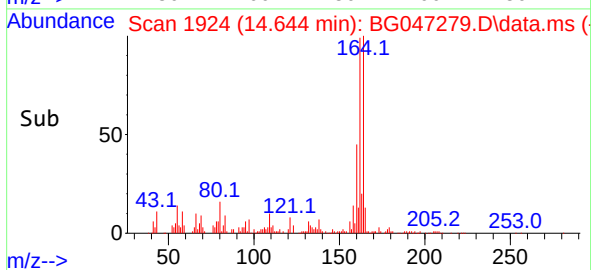
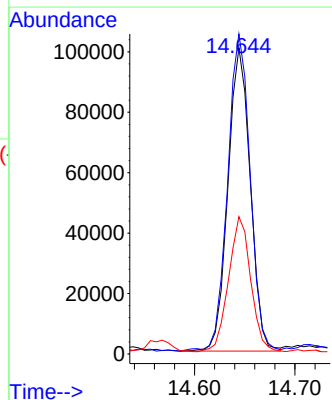
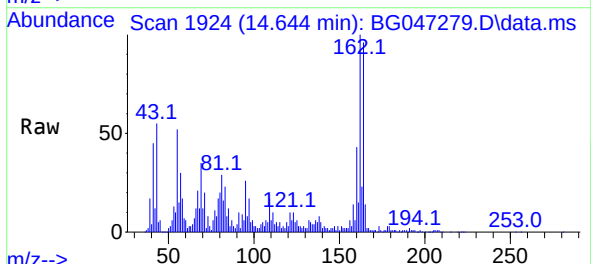
Instrument :
BNA_G
ClientSampleId :
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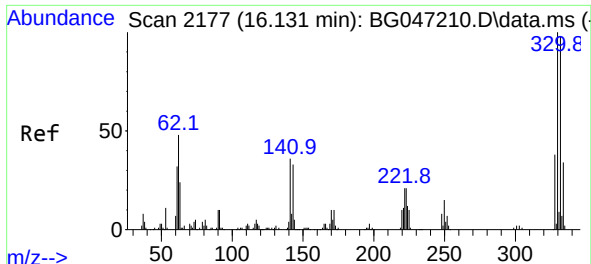
Tgt Ion:122 Resp: 45471
Ion Ratio Lower Upper
122 100
105 119.8 103.7 143.7
77 123.6 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.644 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

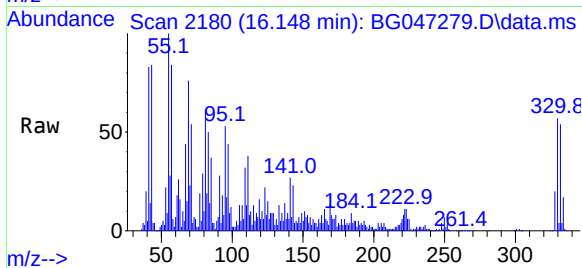
Tgt Ion:164 Resp: 155006
Ion Ratio Lower Upper
164 100
162 104.6 82.3 123.5
160 44.9 35.3 52.9



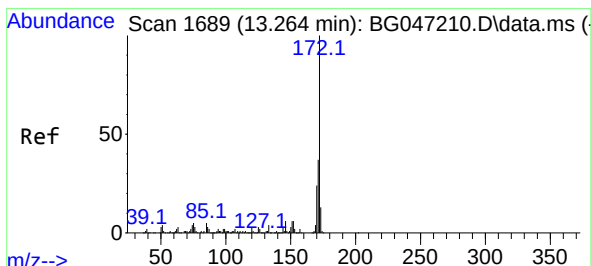
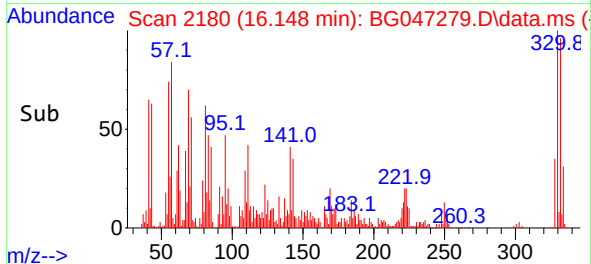
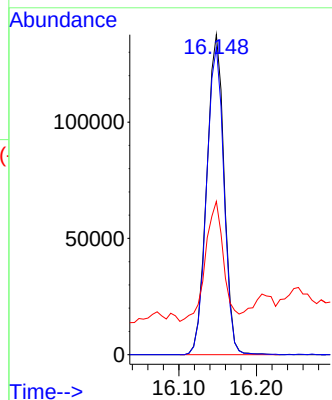


#42
2,4,6-Tribromophenol
Concen: 82.25 ng
RT: 16.148 min Scan# 2180
Delta R.T. 0.017 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Instrument :
BNA_G
ClientSampleId :
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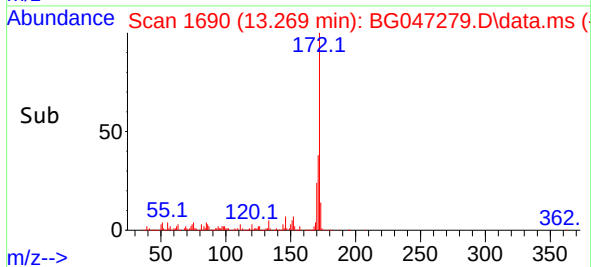
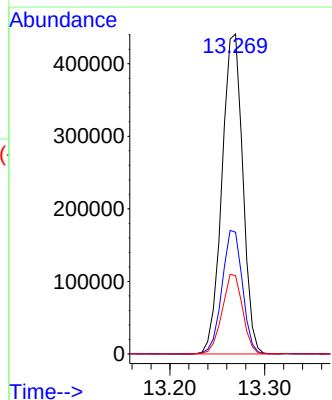
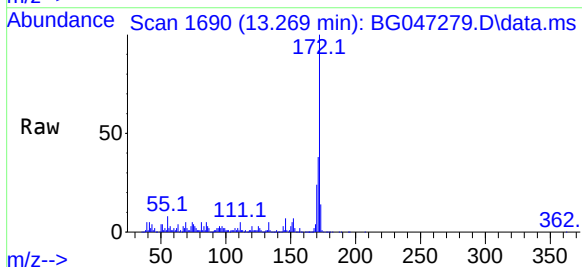


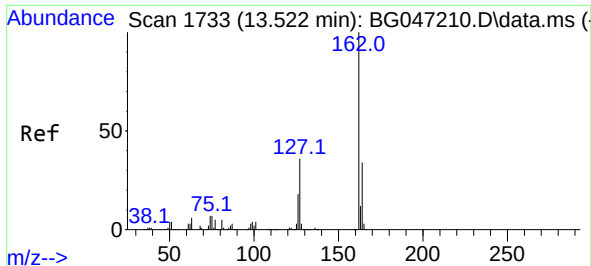
Tgt Ion:330 Resp: 213493
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 36.6 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 55.77 ng
RT: 13.269 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:172 Resp: 674008
Ion Ratio Lower Upper
172 100
171 38.1 31.3 46.9
170 24.4 20.8 31.2

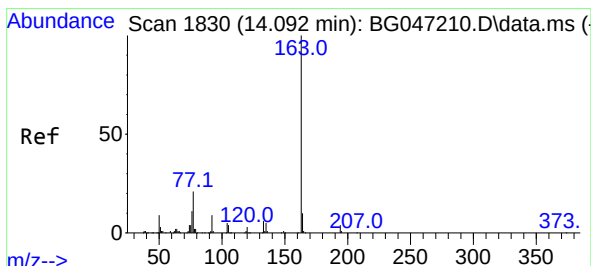
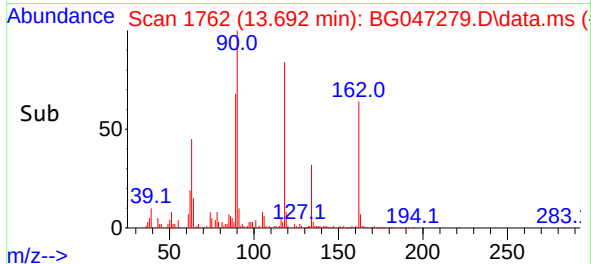
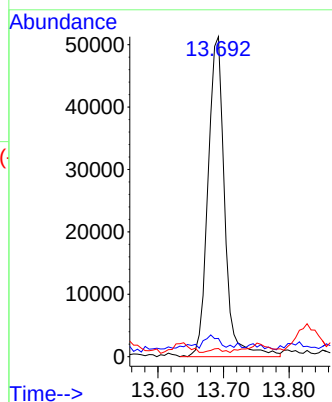
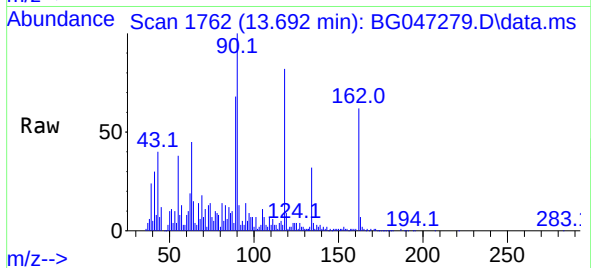




#47
2-Chloronaphthalene
Concen: 8.76 ng
RT: 13.692 min Scan# 1762
Delta R.T. 0.170 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

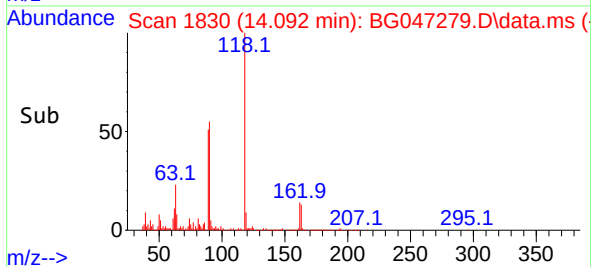
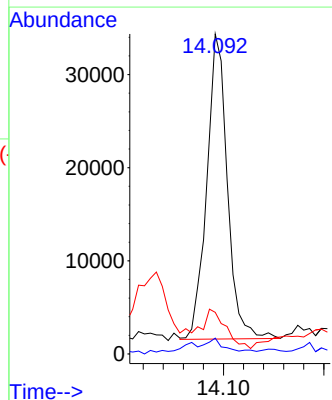
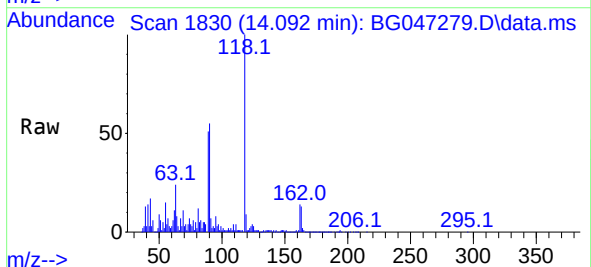
Instrument :
BNA_G
ClientSampleId :
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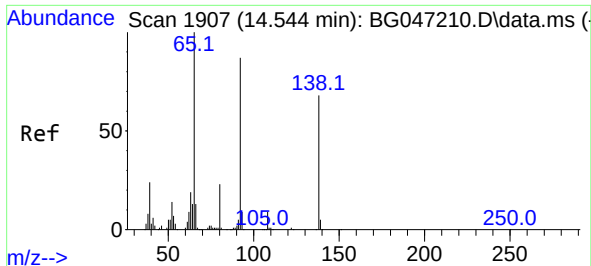
Tgt Ion:162 Resp: 90666
Ion Ratio Lower Upper
162 100
127 5.7 27.8 41.6#
164 2.6 27.0 40.4#



#50
Dimethylphthalate
Concen: 3.42 ng
RT: 14.092 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:163 Resp: 46870
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 13.0 8.8 13.2

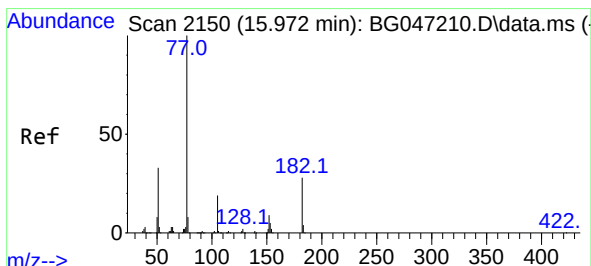
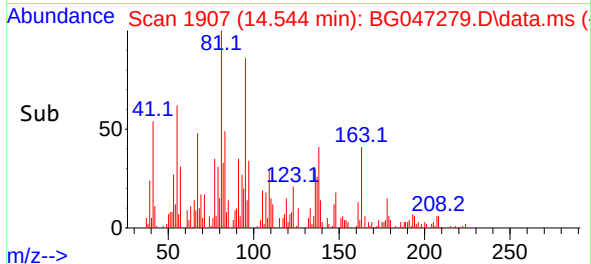
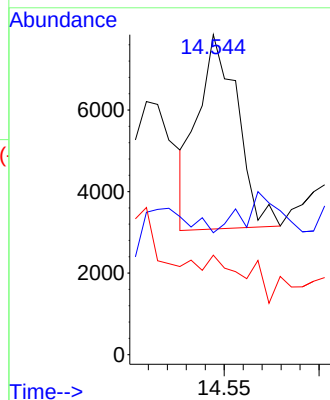
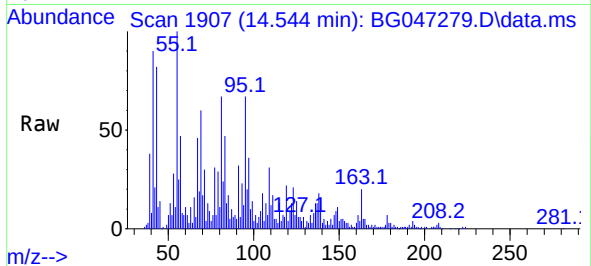




#53
3-Nitroaniline
Concen: 2.46 ng
RT: 14.544 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

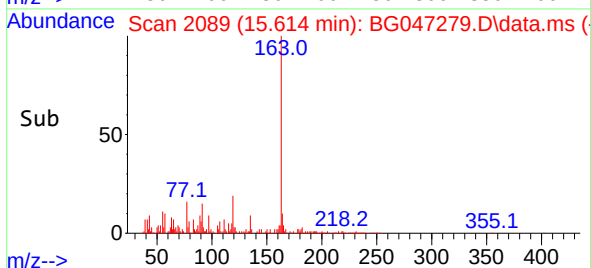
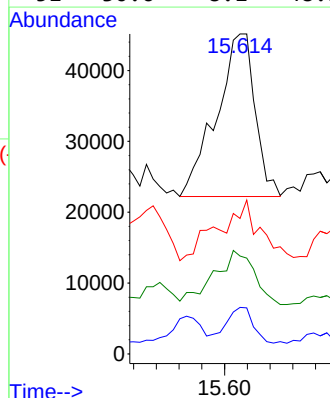
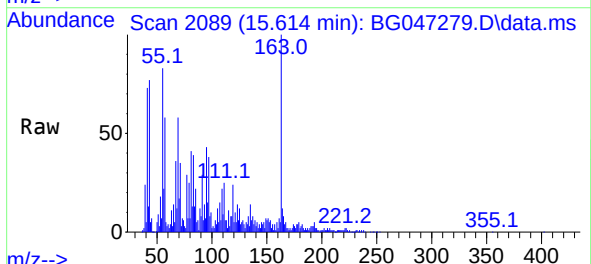
Instrument :
BNA_G
ClientSampleId :
1A

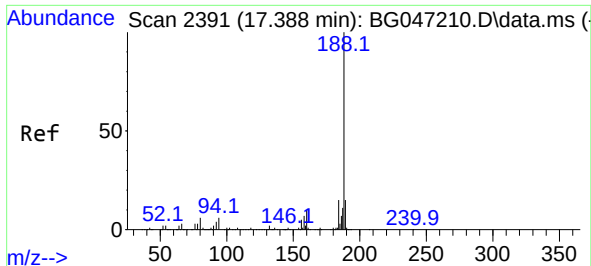
Tgt Ion:138 Resp: 6943
Ion Ratio Lower Upper
138 100
108 38.1 7.4 11.0#
92 31.1 85.2 127.8#



#63
Azobenzene
Concen: 4.47 ng
RT: 15.614 min Scan# 2089
Delta R.T. -0.359 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion: 77 Resp: 54222
Ion Ratio Lower Upper
77 100
182 14.6 14.0 54.0
105 42.3 3.0 43.0
51 30.6 8.1 48.1

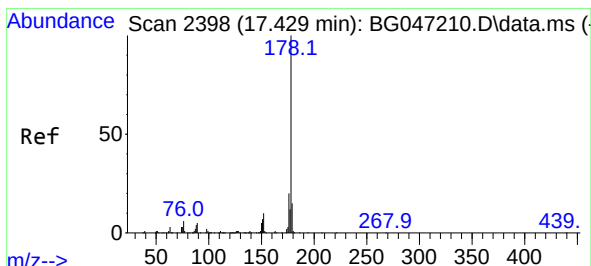
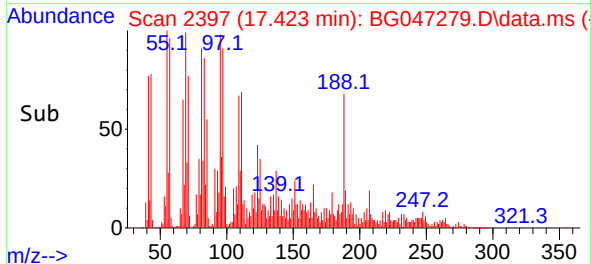
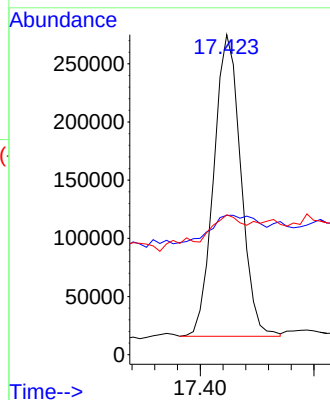
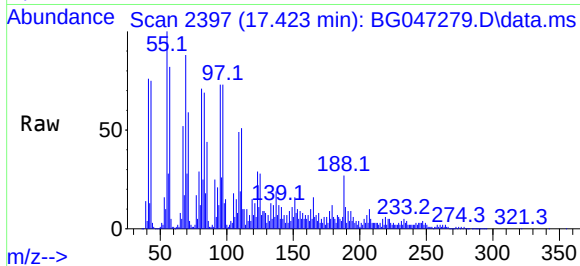




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.423 min Scan# 2397
Delta R.T. 0.035 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

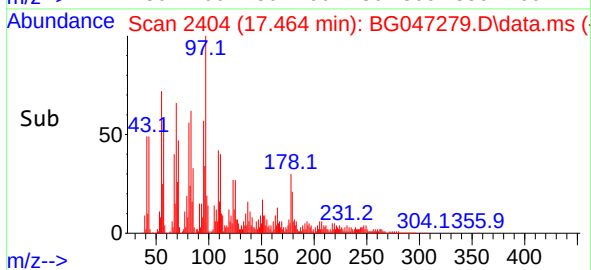
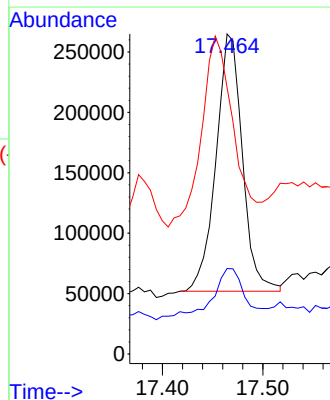
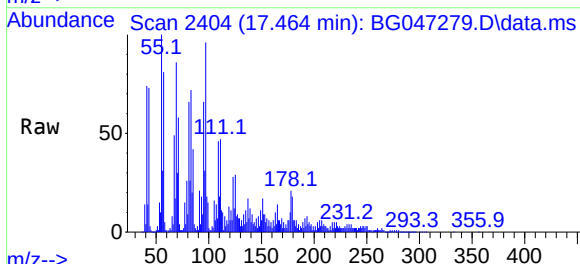
Instrument :
BNA_G
ClientSampled :
1A

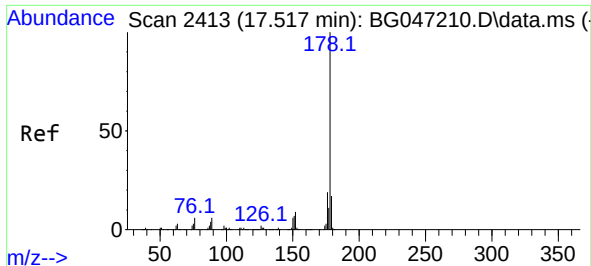
Tgt Ion:188 Resp: 428263
Ion Ratio Lower Upper
188 100
94 43.5 6.3 9.5#
80 43.7 7.0 10.6#



#71
Phenanthrene
Concen: 15.66 ng
RT: 17.464 min Scan# 2404
Delta R.T. 0.035 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:178 Resp: 389266
Ion Ratio Lower Upper
178 100
176 26.7 16.7 25.1#
179 83.2 14.0 21.0#

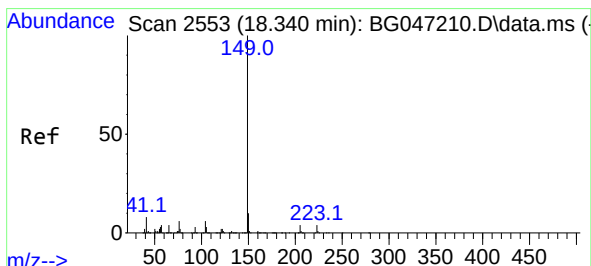
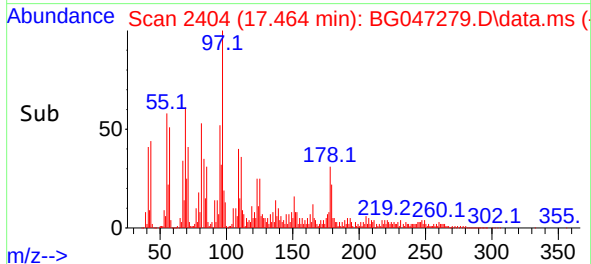
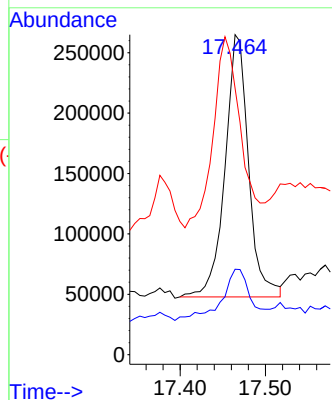
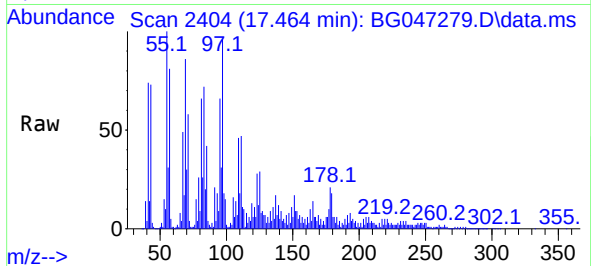




#72
 Anthracene
 Concen: 17.28 ng
 RT: 17.464 min Scan# 2404
 Delta R.T. -0.053 min
 Lab File: BG047279.D
 Acq: 10 Nov 2020 21:45

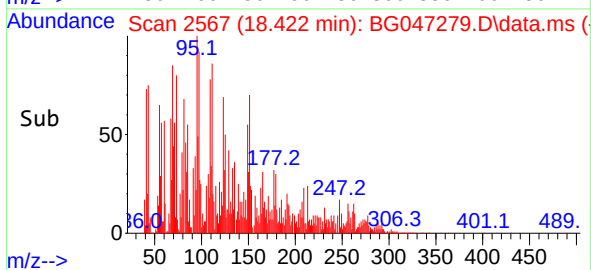
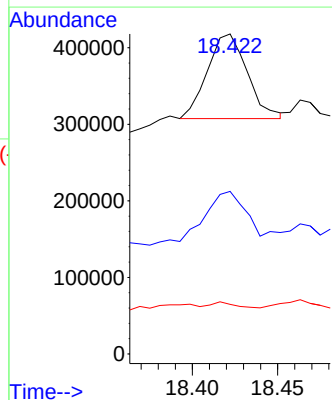
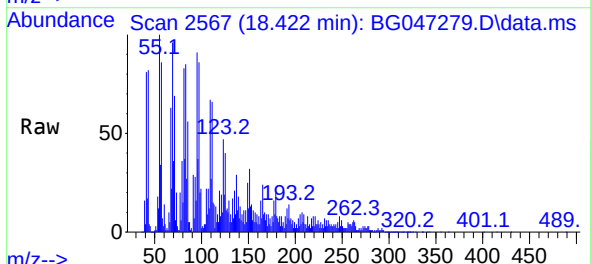
Instrument :
 BNA_G
 ClientSampleId :
 1A

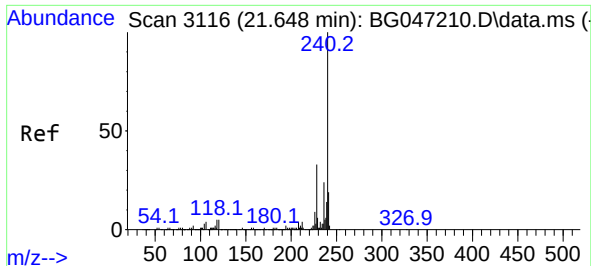
Tgt Ion:178 Resp: 417289
 Ion Ratio Lower Upper
 178 100
 176 26.7 16.4 24.6#
 179 83.2 13.8 20.6#



#74
 Di-n-butylphthalate
 Concen: 6.91 ng
 RT: 18.422 min Scan# 2567
 Delta R.T. 0.082 min
 Lab File: BG047279.D
 Acq: 10 Nov 2020 21:45

Tgt Ion:149 Resp: 180164
 Ion Ratio Lower Upper
 149 100
 150 50.8 8.2 12.4#
 104 15.5 3.8 5.8#

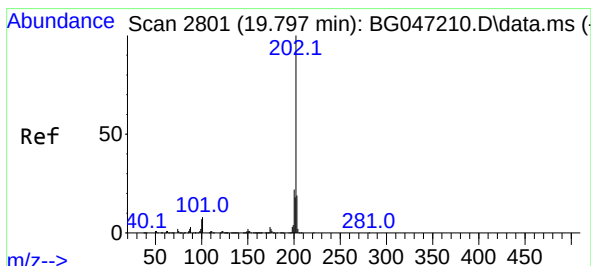
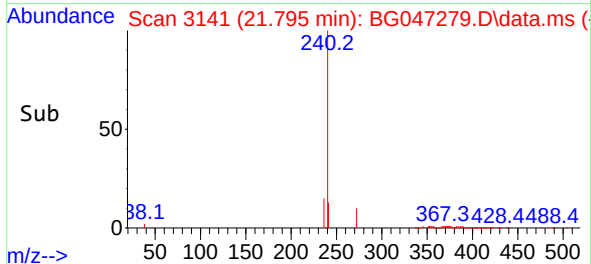
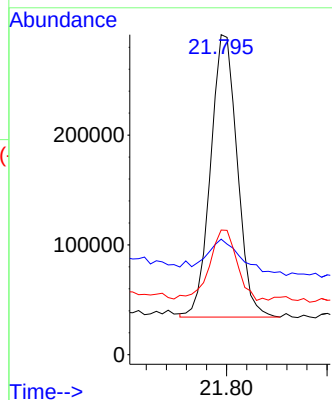
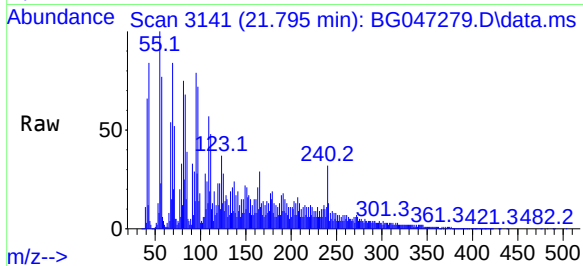




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. 0.147 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

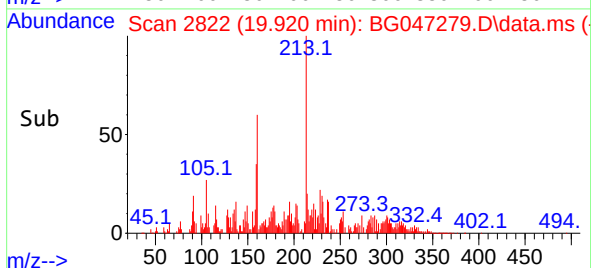
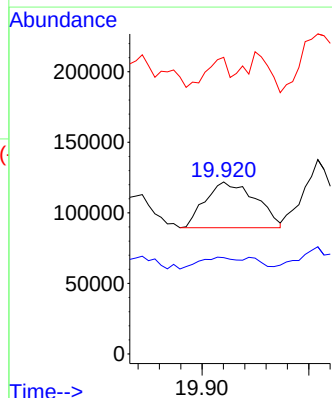
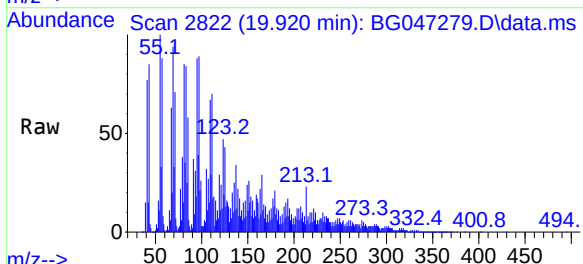
Instrument :
BNA_G
ClientSampleId :
1A

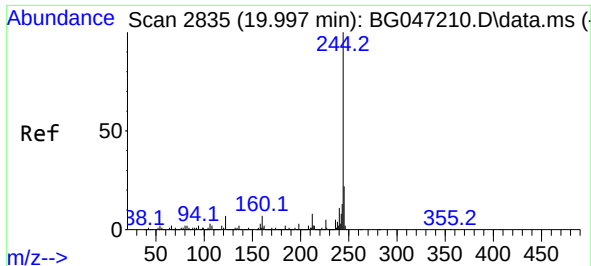
Tgt Ion:240 Resp: 473763
Ion Ratio Lower Upper
240 100
120 36.1 6.2 9.4#
236 39.0 20.5 30.7#



#78
Pyrene
Concen: 3.23 ng
RT: 19.920 min Scan# 2822
Delta R.T. 0.123 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Tgt Ion:202 Resp: 106579
Ion Ratio Lower Upper
202 100
200 56.0 18.6 27.8#
203 172.6 15.3 22.9#

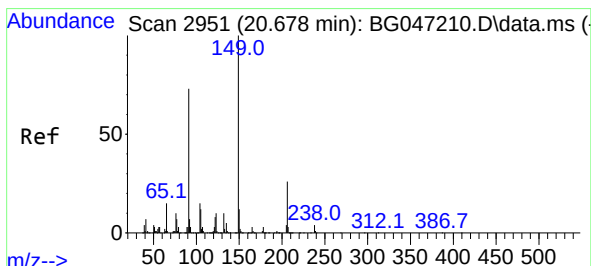
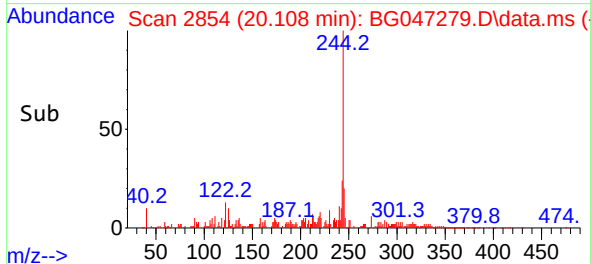
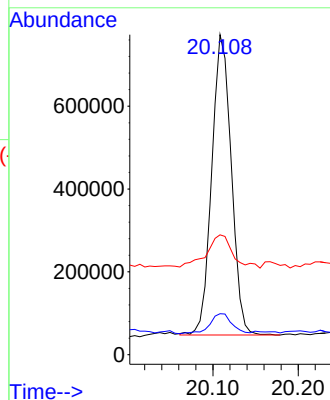
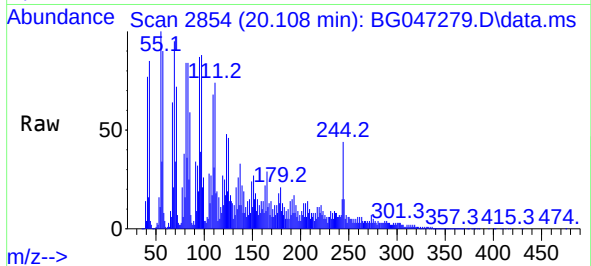




#79
 Terphenyl-d14
 Concen: 42.85 ng
 RT: 20.108 min Scan# 2854
 Delta R.T. 0.111 min
 Lab File: BG047279.D
 Acq: 10 Nov 2020 21:45

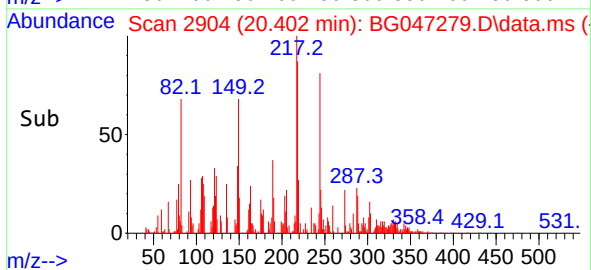
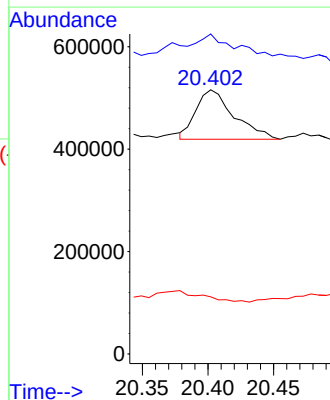
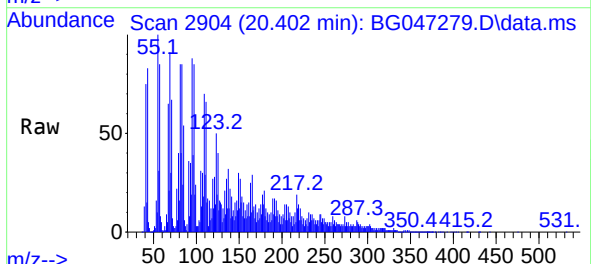
Instrument :
 BNA_G
 ClientSampleId :
 1A

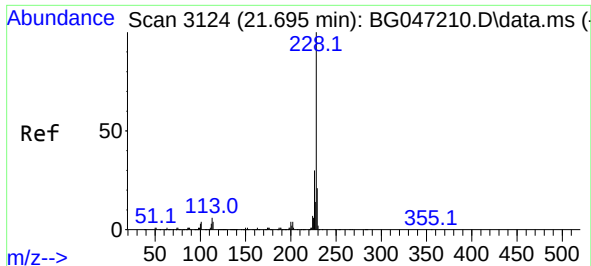
Tgt Ion:244 Resp: 1154514
 Ion Ratio Lower Upper
 244 100
 212 12.8 6.7 10.1#
 122 37.4 7.8 11.6#



#80
 Butylbenzylphthalate
 Concen: 15.60 ng
 RT: 20.402 min Scan# 2904
 Delta R.T. -0.276 min
 Lab File: BG047279.D
 Acq: 10 Nov 2020 21:45

Tgt Ion:149 Resp: 194218
 Ion Ratio Lower Upper
 149 100
 91 121.2 51.5 77.3#
 206 21.7 21.2 31.8

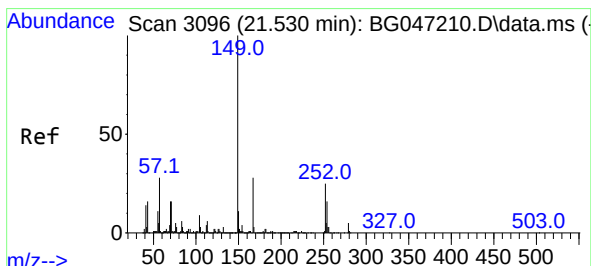
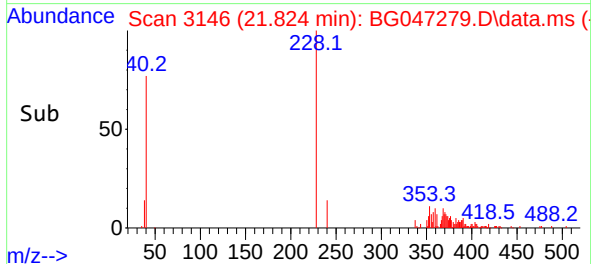
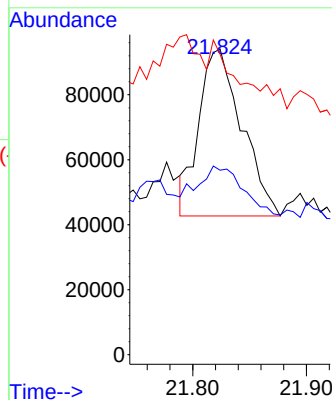
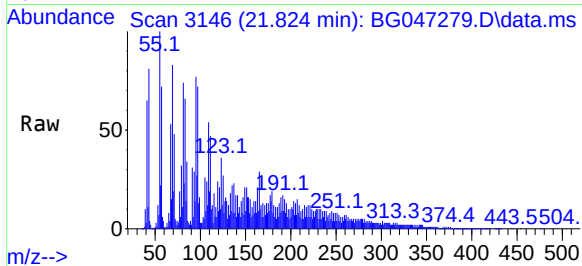




#83
Chrysene
Concen: 4.18 ng
RT: 21.824 min Scan# 3146
Delta R.T. 0.129 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

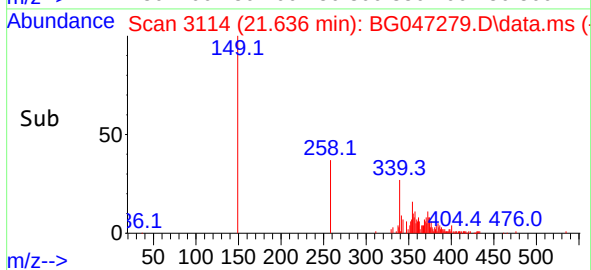
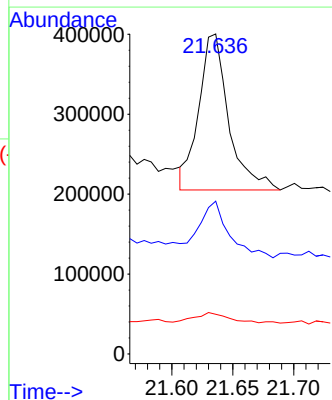
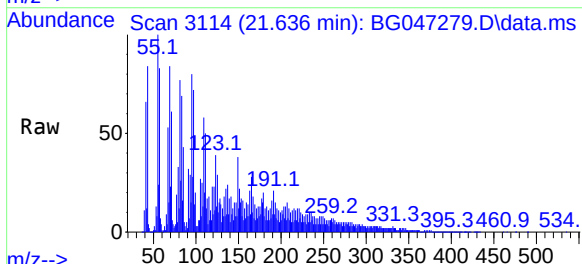
Instrument :
BNA_G
ClientSampleId :
1A

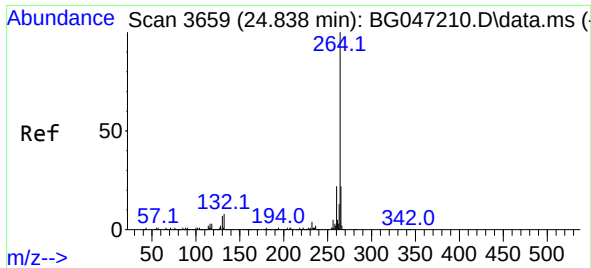
Tgt Ion:228 Resp: 135074
Ion Ratio Lower Upper
228 100
226 60.4 25.0 37.4#
229 98.3 17.3 25.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.16 ng
RT: 21.636 min Scan# 3114
Delta R.T. 0.106 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

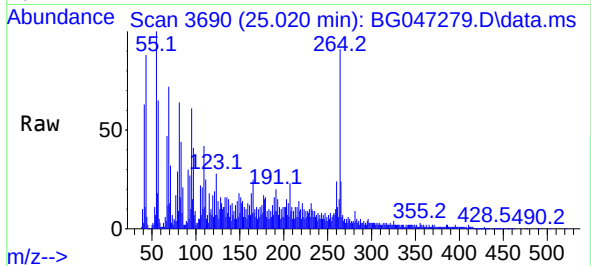
Tgt Ion:149 Resp: 333595
Ion Ratio Lower Upper
149 100
167 47.7 24.8 37.2#
279 12.4 4.6 7.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.020 min Scan# 3690
Delta R.T. 0.182 min
Lab File: BG047279.D
Acq: 10 Nov 2020 21:45

Instrument :
BNA_G
ClientSampleId :
1A



Tgt Ion:264 Resp: 330383
Ion Ratio Lower Upper
264 100
260 26.4 18.8 28.2
265 26.4 17.8 26.8

