

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053319.D
 Acq On : 26 Apr 2022 14:02
 Operator : CG/JU
 Sample : N2502-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C3

Quant Time: Apr 27 03:37:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

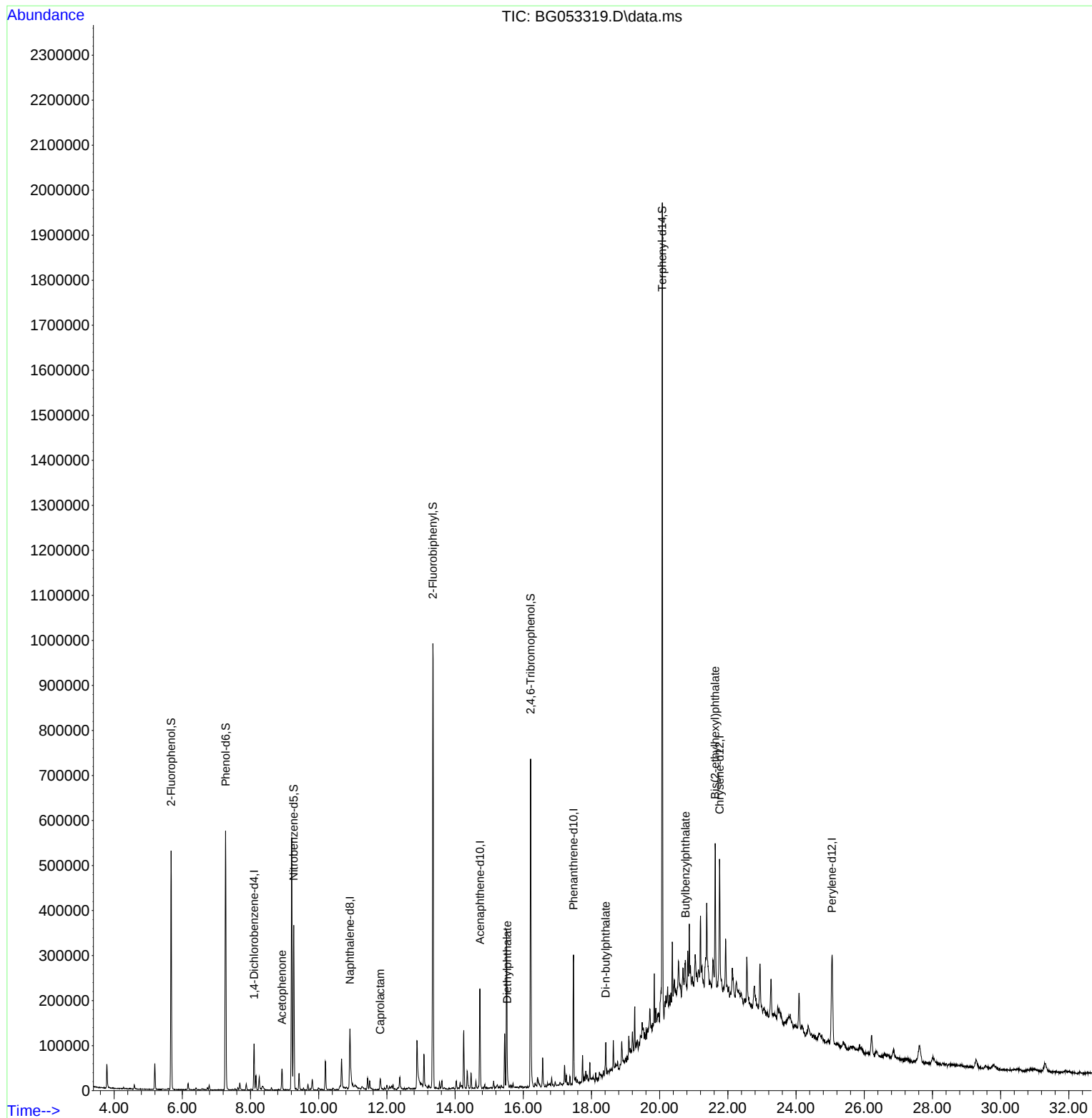
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	27153	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	109902	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	81427	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	186799	20.000	ng	0.00
76) Chrysene-d12	21.757	240	171223	20.000	ng	0.00
86) Perylene-d12	25.053	264	176762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	215083	135.783	ng	0.00
7) Phenol-d6	7.271	99	333180	136.397	ng	0.00
23) Nitrobenzene-d5	9.268	82	229778	84.892	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	147765	114.063	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	513932	87.031	ng	0.00
79) Terphenyl-d14	20.077	244	888620	87.651	ng	0.00
Target Compounds						
22) Acetophenone	8.922	105	25773	8.453	ng	Qvalue 99
35) Caprolactam	11.806	113	4786	6.850	ng	# 82
60) Diethylphthalate	15.530	149	25415	3.724	ng	97
74) Di-n-butylphthalate	18.421	149	51445	4.616	ng	99
80) Butylbenzylphthalate	20.759	149	12580	2.767	ng	# 84
84) Bis(2-ethylhexyl)phtha...	21.628	149	122885	19.997	ng	97

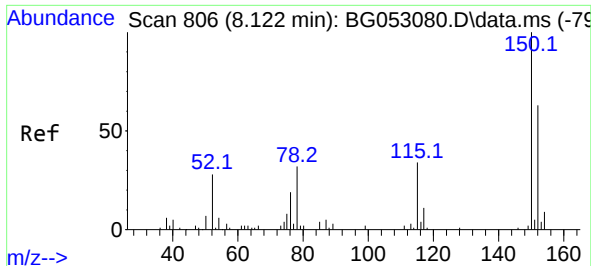
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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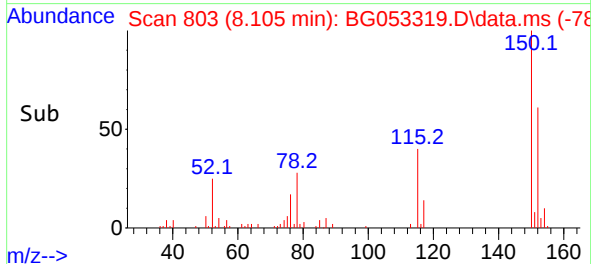
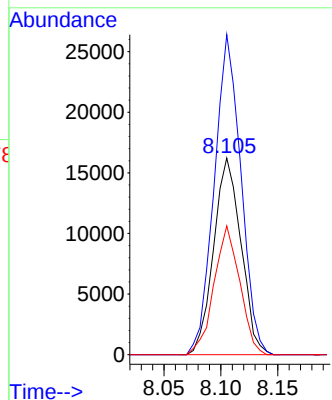
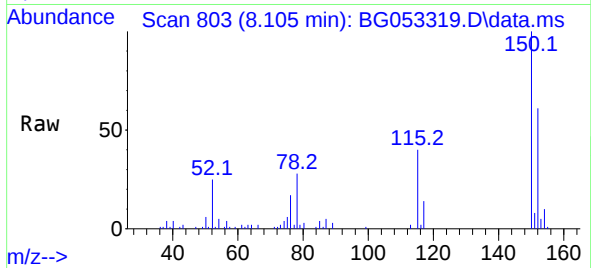




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

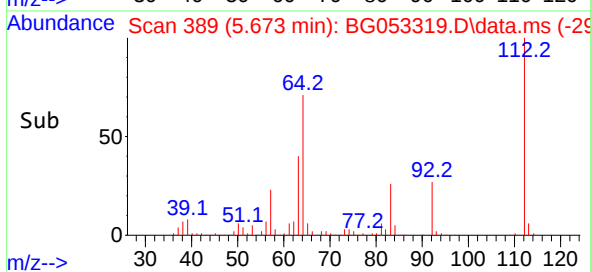
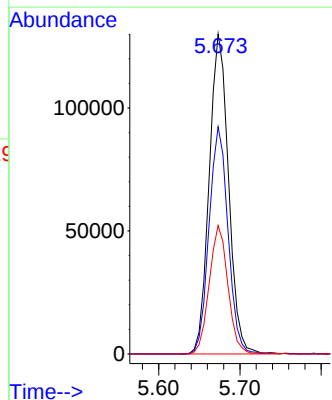
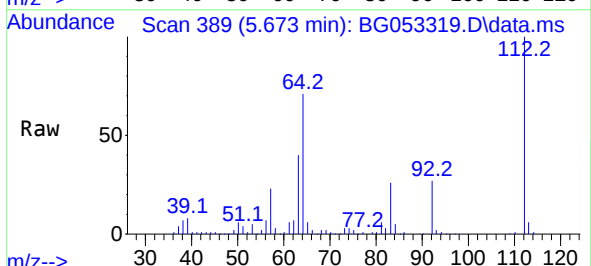
Instrument :
BNA_G
ClientSampleId :
C3

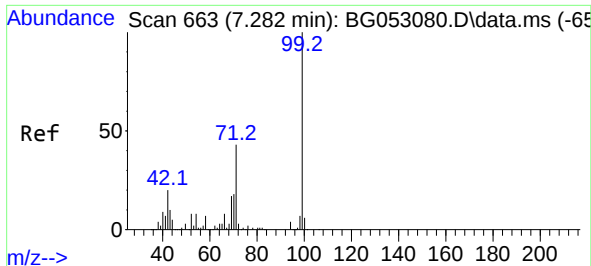
Tgt Ion:152 Resp: 27153
Ion Ratio Lower Upper
152 100
150 162.7 114.6 172.0
115 65.5 45.9 68.9



#5
2-Fluorophenol
Concen: 135.783 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:112 Resp: 215083
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 40.2 26.5 39.7#

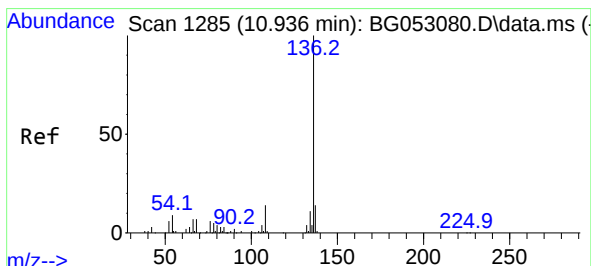
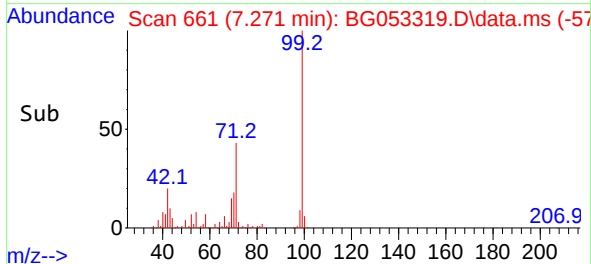
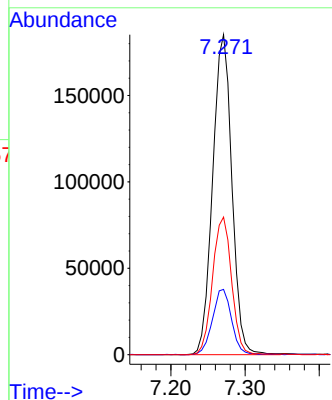
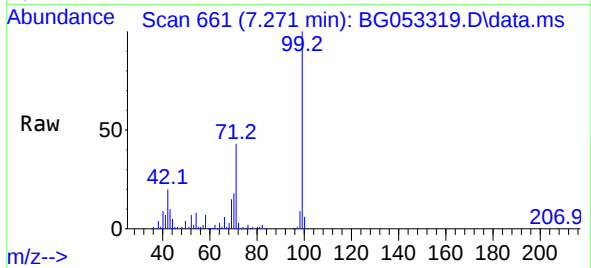




#7
Phenol-d6
Concen: 136.397 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

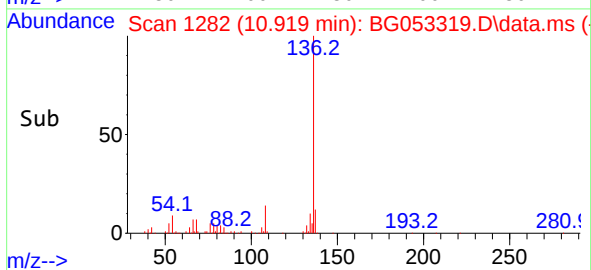
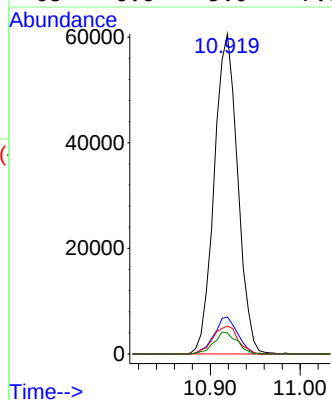
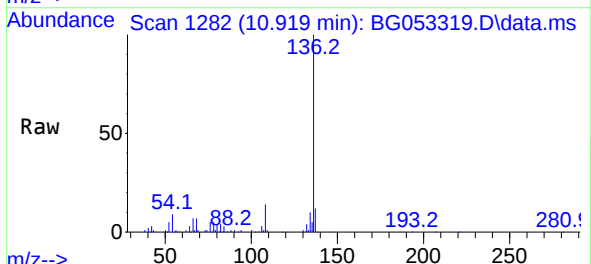
Instrument :
BNA_G
ClientSampleId :
C3

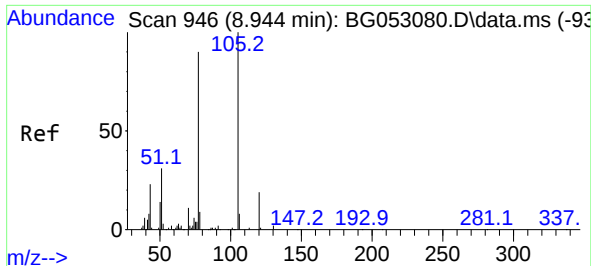
Tgt Ion: 99 Resp: 333180
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 43.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:136 Resp: 109902
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 8.7 6.4 9.6
68 6.6 5.0 7.6

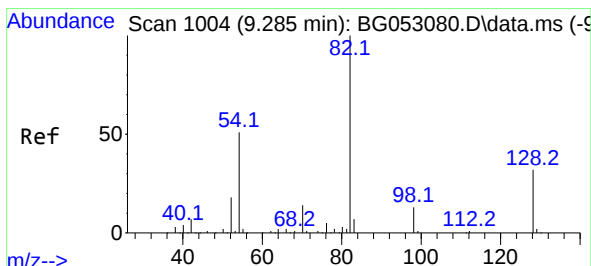
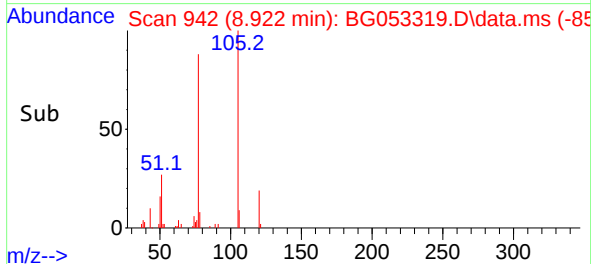
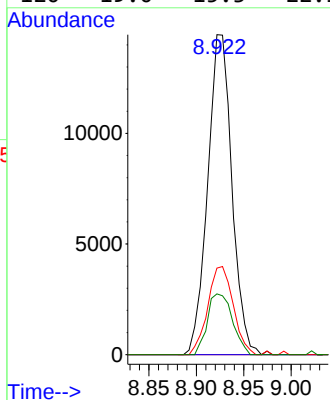
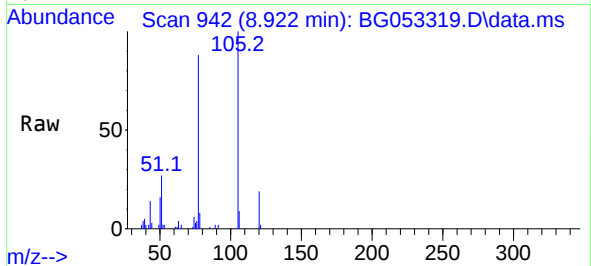




#22
Acetophenone
Concen: 8.453 ng
RT: 8.922 min Scan# 946
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

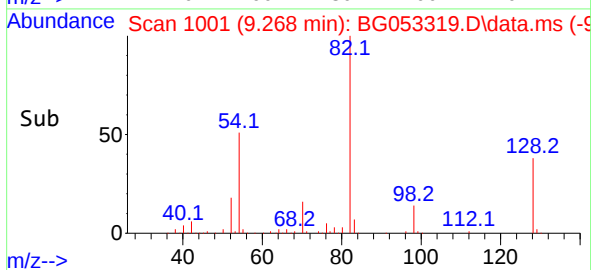
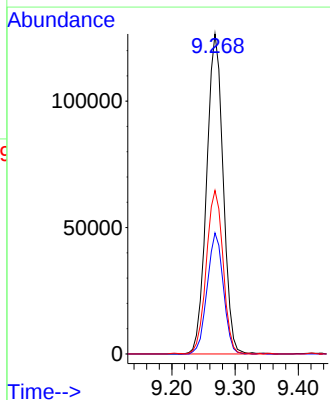
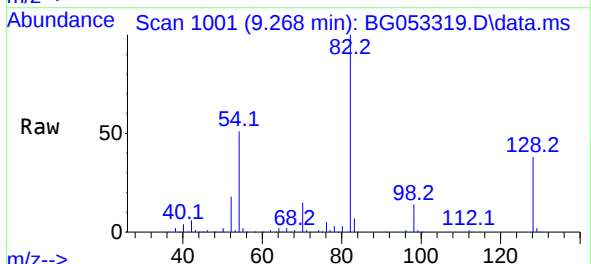
Instrument :
BNA_G
ClientSampleId :
C3

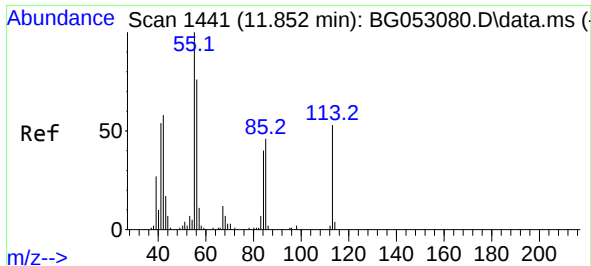
Tgt Ion:	105	Resp:	25773
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.1	3.1#
51	27.1	21.9	32.9
120	19.0	15.3	22.9



#23
Nitrobenzene-d5
Concen: 84.892 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:	82	Resp:	229778
Ion Ratio	Lower	Upper	
82	100		
128	37.8	31.3	46.9
54	51.1	37.8	56.8

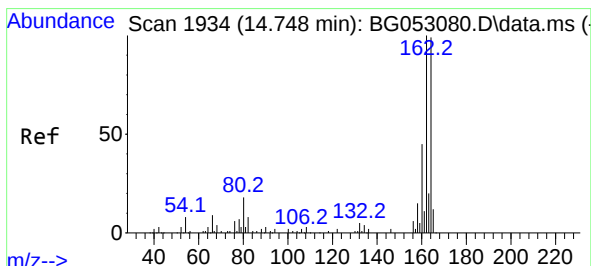
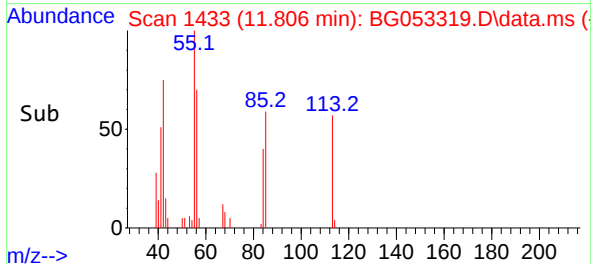
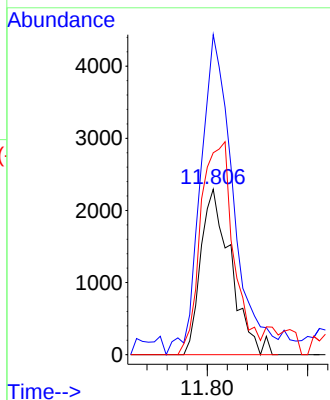
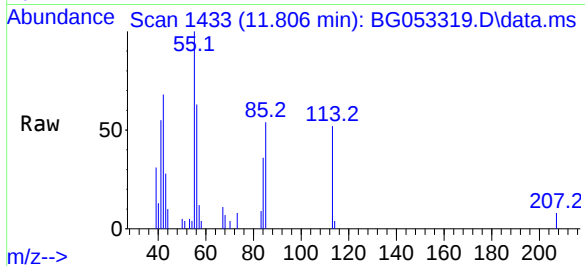




#35
Caprolactam
Concen: 6.850 ng
RT: 11.806 min Scan# 1441
Delta R.T. -0.044 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

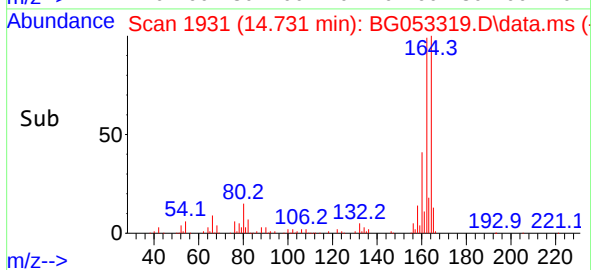
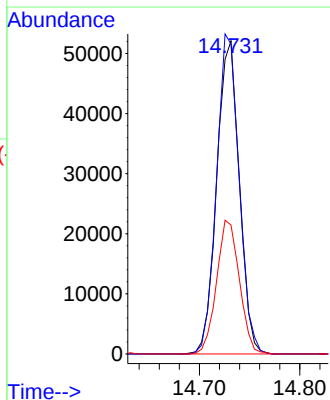
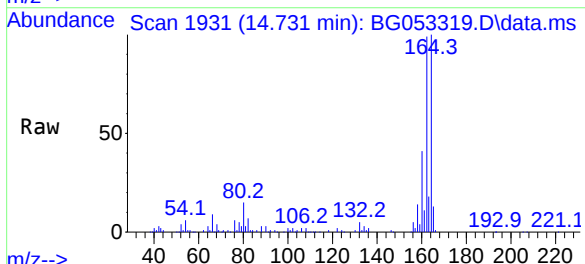
Instrument :
BNA_G
ClientSampleId :
C3

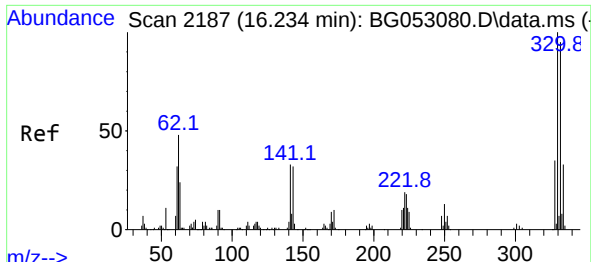
Tgt Ion:113 Resp: 4786
Ion Ratio Lower Upper
113 100
55 193.4 151.3 191.3#
56 122.1 128.5 168.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

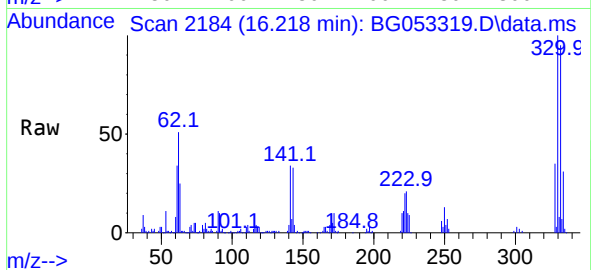
Tgt Ion:164 Resp: 81427
Ion Ratio Lower Upper
164 100
162 99.0 80.0 120.0
160 41.2 38.8 58.2



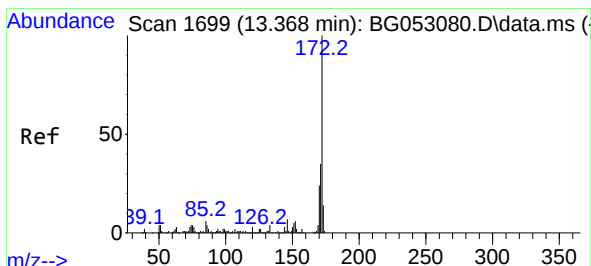
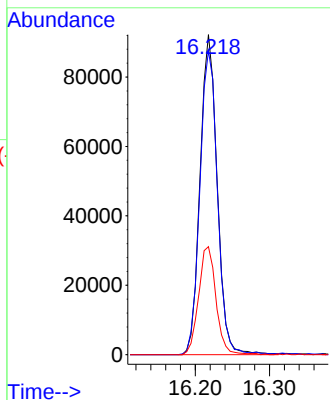
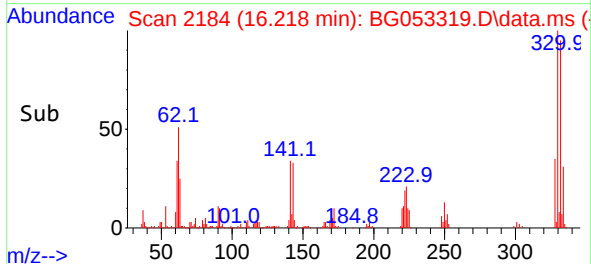


#42
2,4,6-Tribromophenol
Concen: 114.063 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Instrument :
BNA_G
ClientSampleId :
C3

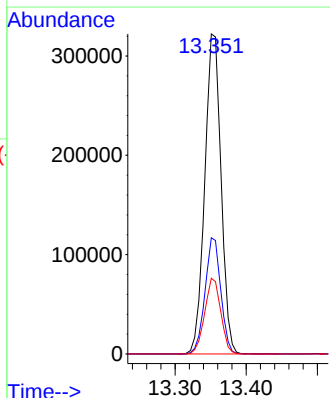
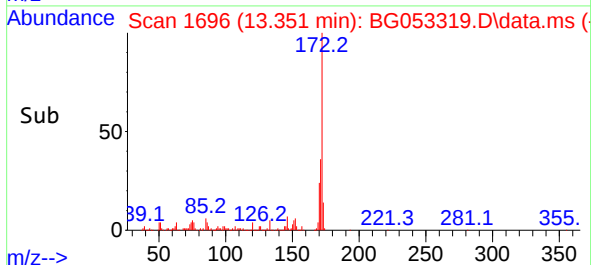
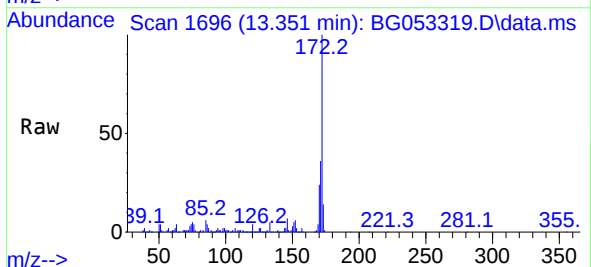


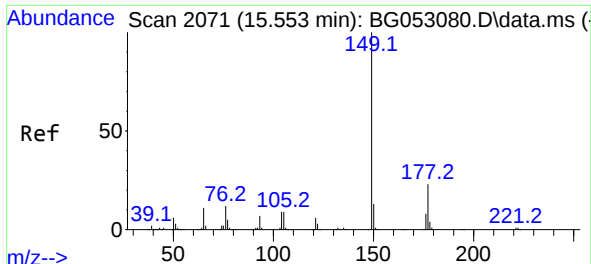
Tgt Ion:330 Resp: 147765
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 34.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 87.031 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:172 Resp: 513932
Ion Ratio Lower Upper
172 100
171 36.3 28.3 42.5
170 23.7 18.0 27.0

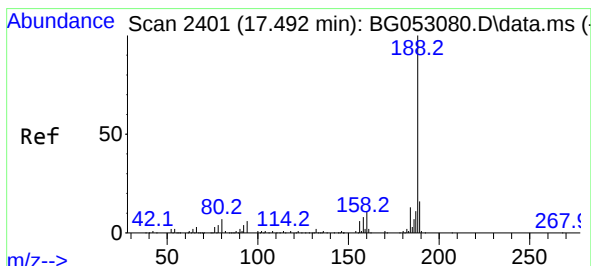
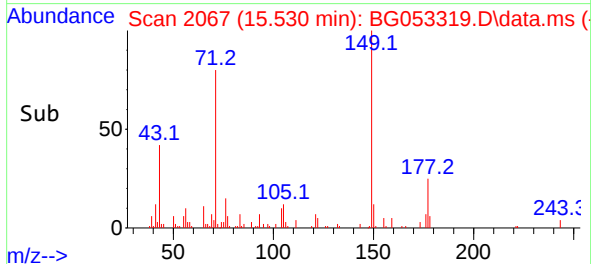
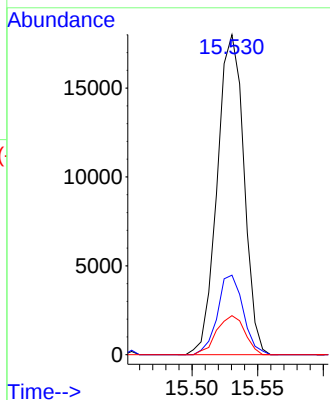
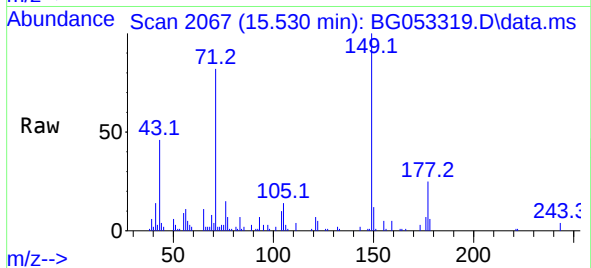




#60
Diethylphthalate
Concen: 3.724 ng
RT: 15.530 min Scan# 2071
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

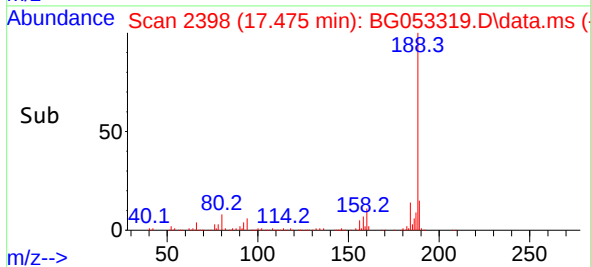
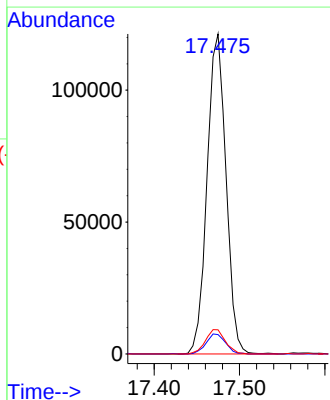
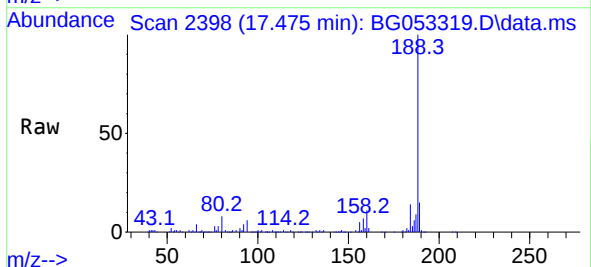
Instrument :
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ClientSampleId :
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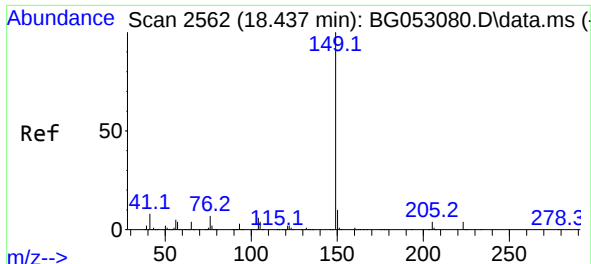
Tgt Ion:	149	Resp:	25415
Ion	Ratio	Lower	Upper
149	100		
177	24.8	18.2	27.2
150	12.2	9.9	14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:	188	Resp:	186799
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	7.5	7.2	10.8



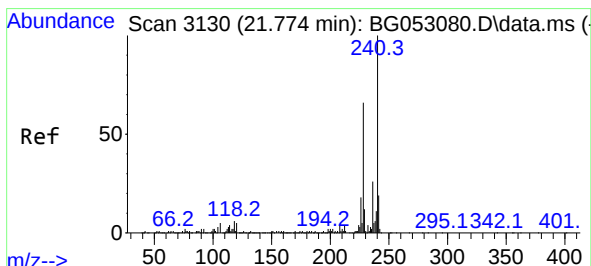
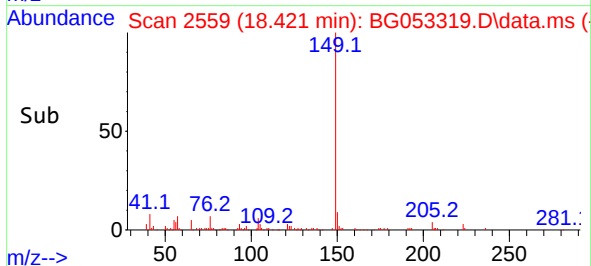
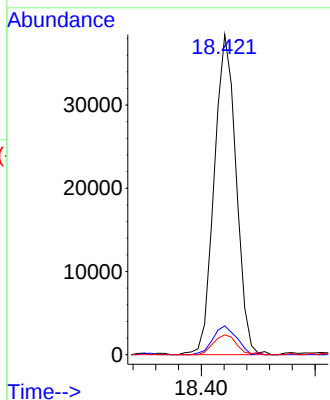
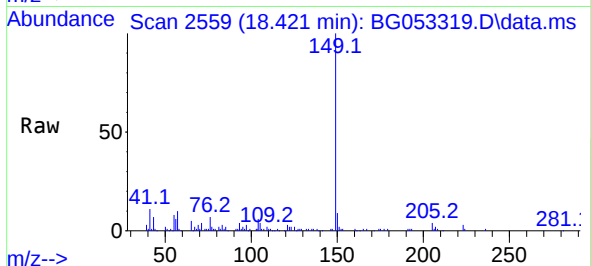


#74
Di-n-butylphthalate
Concen: 4.616 ng
RT: 18.421 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Instrument :
BNA_G
ClientSampleId :
C3

Tgt Ion:149 Resp: 51445

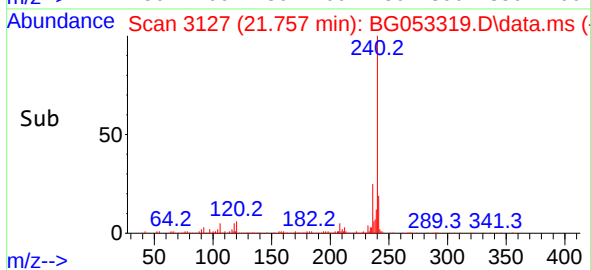
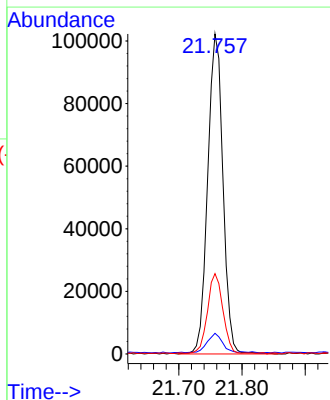
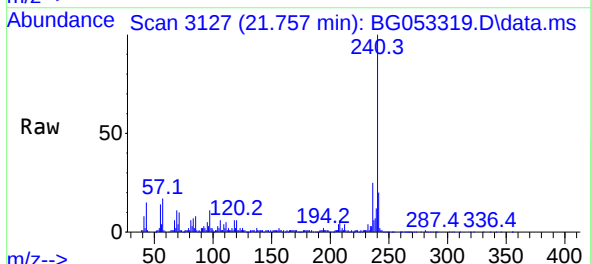
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	6.2	4.6	7.0

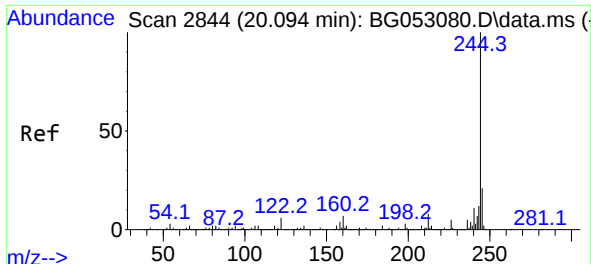


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:240 Resp: 171223

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.0
236	25.1	19.8	29.6

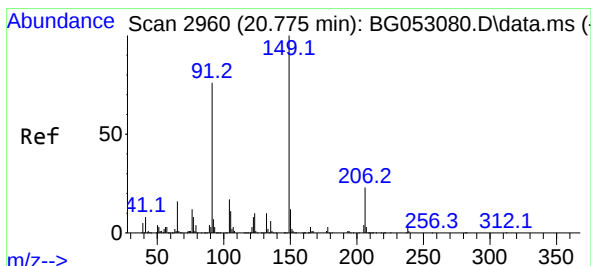
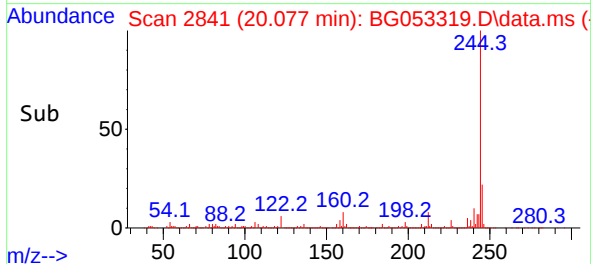
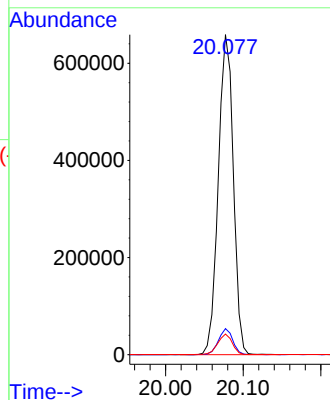
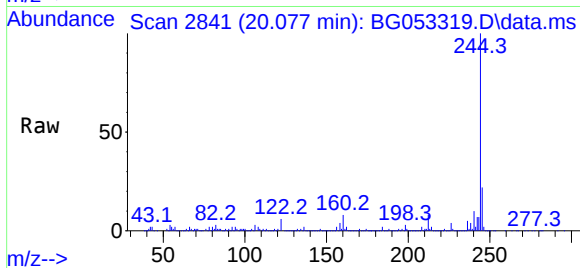




#79
 Terphenyl-d14
 Concen: 87.651 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053319.D
 Acq: 26 Apr 2022 14:02

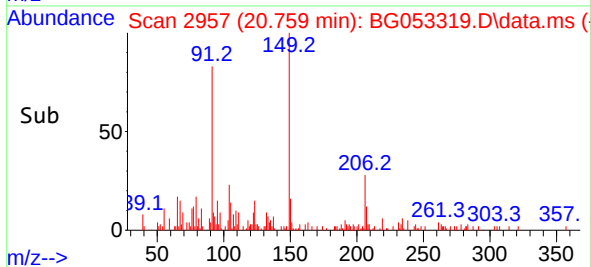
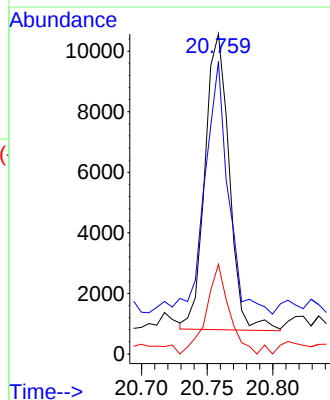
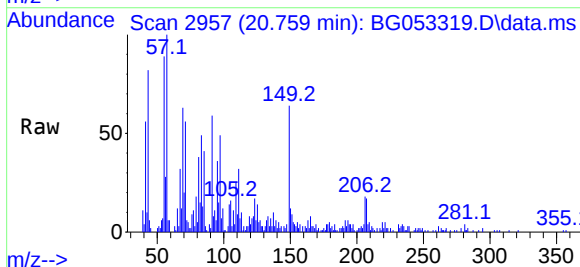
Instrument :
 BNA_G
 ClientSampleId :
 C3

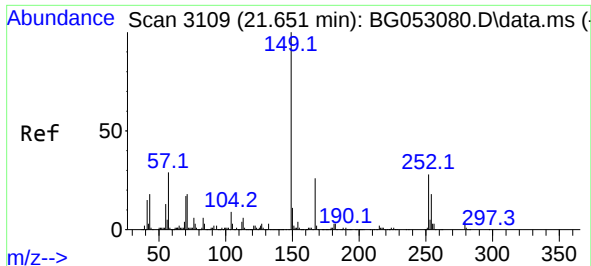
Tgt Ion:244 Resp: 888620
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.4 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 2.767 ng
 RT: 20.759 min Scan# 2957
 Delta R.T. -0.008 min
 Lab File: BG053319.D
 Acq: 26 Apr 2022 14:02

Tgt Ion:149 Resp: 12580
 Ion Ratio Lower Upper
 149 100
 91 91.4 60.2 90.4#
 206 28.0 19.4 29.2

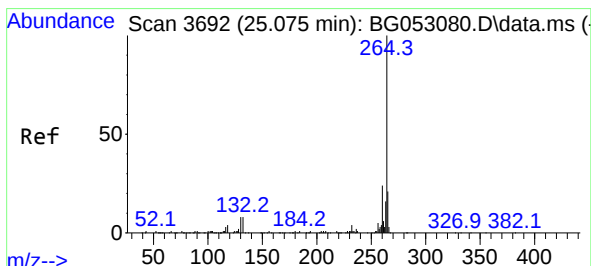
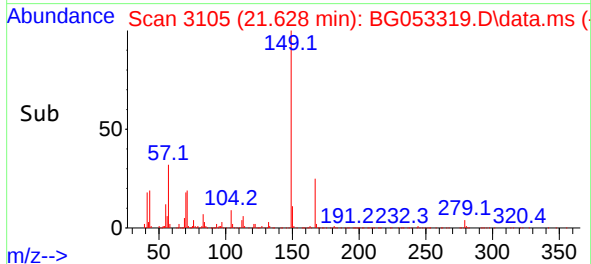
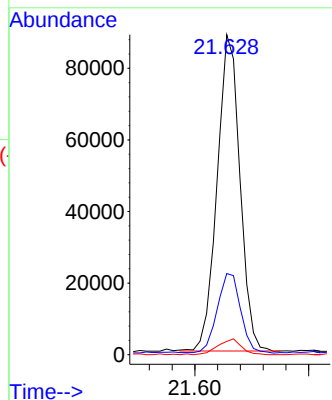
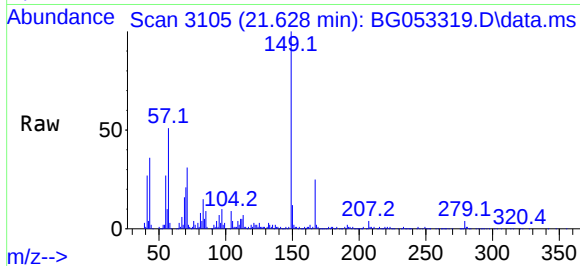




#84
Bis(2-ethylhexyl)phthalate
Concen: 19.997 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Instrument :
BNA_G
ClientSampleId :
C3

Tgt Ion:149 Resp: 122885
Ion Ratio Lower Upper
149 100
167 25.3 21.4 32.2
279 4.2 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 3688
Delta R.T. -0.008 min
Lab File: BG053319.D
Acq: 26 Apr 2022 14:02

Tgt Ion:264 Resp: 176762
Ion Ratio Lower Upper
264 100
260 21.4 18.2 27.2
265 21.2 15.1 22.7

