

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052345.D
 Acq On : 9 Feb 2022 21:33
 Operator : CG/JU
 Sample : N1424-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DB-10(13-15)-02-04-22

Quant Time: Feb 10 00:09:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

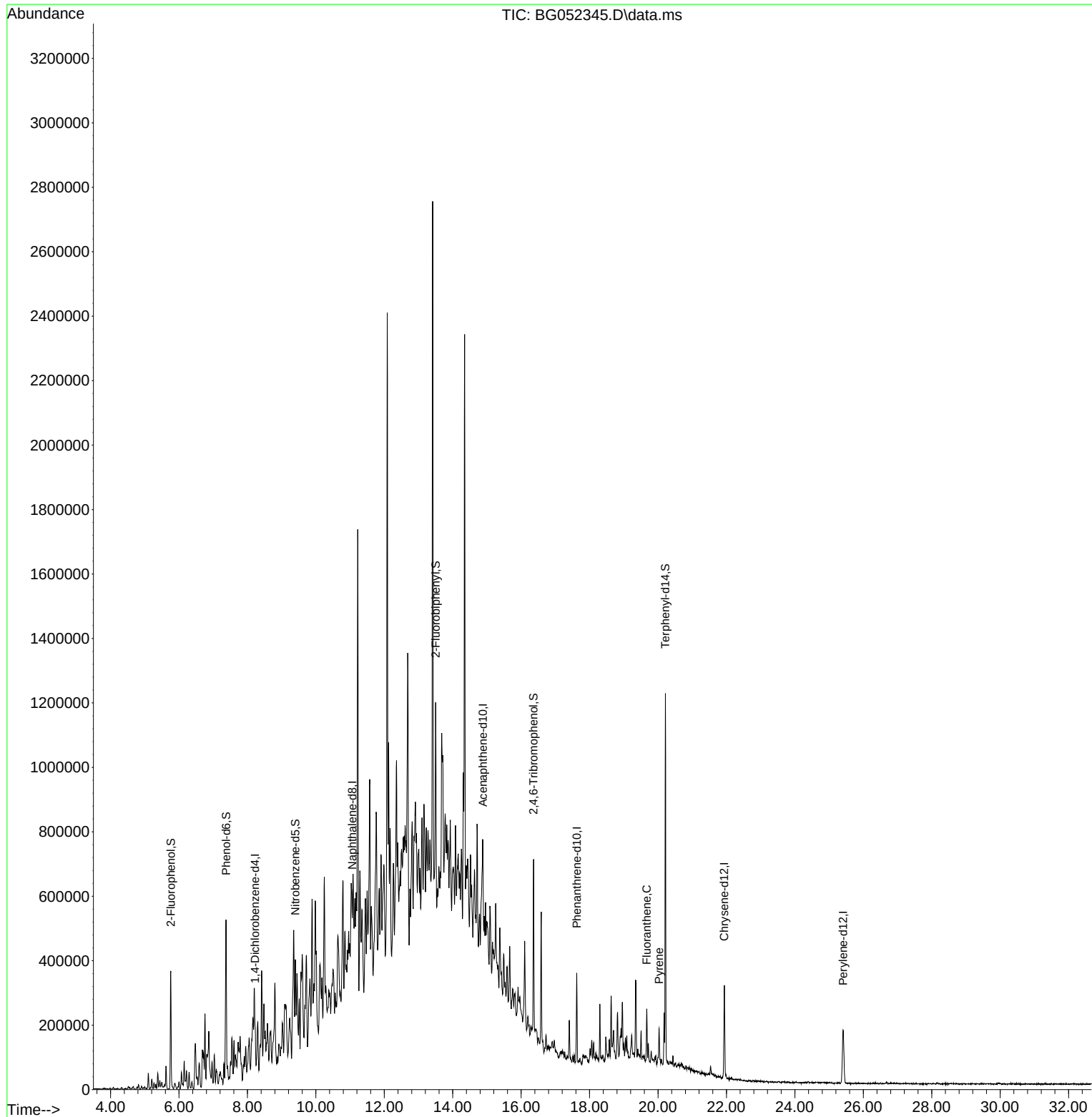
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	26109	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	101730	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	71074	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	170163	20.000	ng	0.00
76) Chrysene-d12	21.937	240	185522	20.000	ng	0.00
86) Perylene-d12	25.408	264	201435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	153333	102.355	ng	0.00
7) Phenol-d6	7.374	99	212456	91.916	ng	0.00
23) Nitrobenzene-d5	9.401	82	151509	64.728	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	105786	103.601	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	292641	57.213	ng	0.00
79) Terphenyl-d14	20.215	244	566687	53.939	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.669	202	90275	8.082	ng	98
78) Pyrene	20.033	202	73289	5.904	ng	96

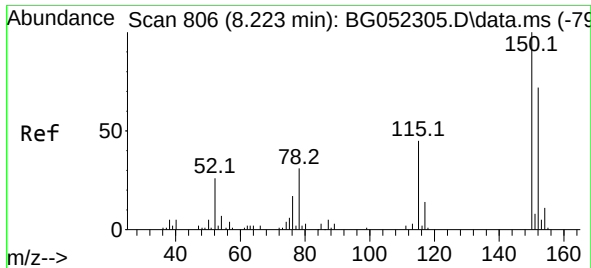
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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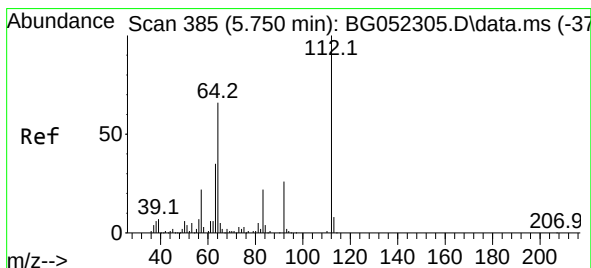
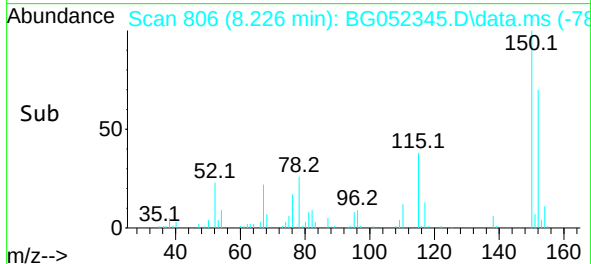
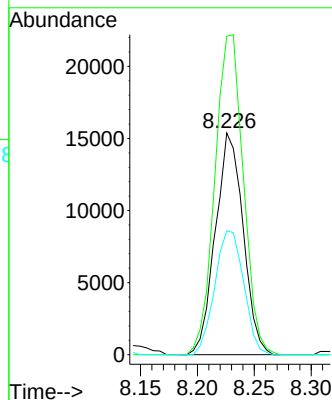
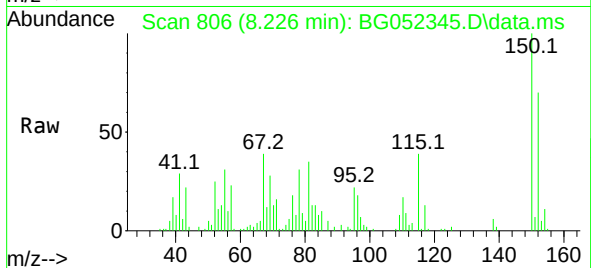




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

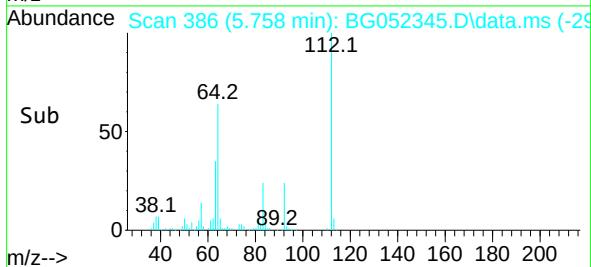
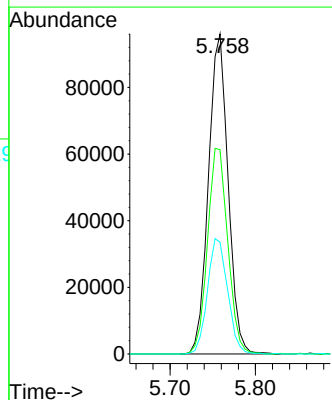
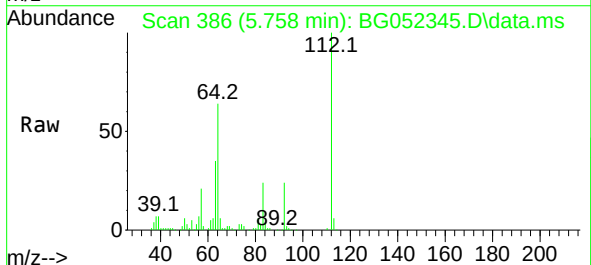
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

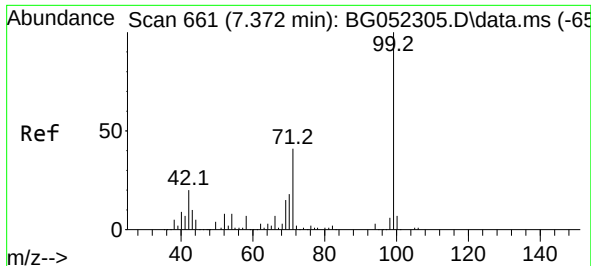
Tgt Ion:152 Resp: 26109
Ion Ratio Lower Upper
152 100
150 143.6 117.8 176.8
115 55.9 50.2 75.2



#5
2-Fluorophenol
Concen: 102.355 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

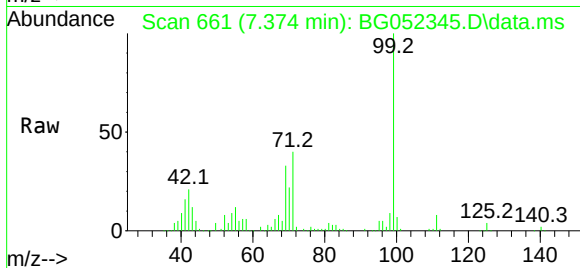
Tgt Ion:112 Resp: 153333
Ion Ratio Lower Upper
112 100
64 63.8 60.4 90.6
63 34.9 33.3 49.9



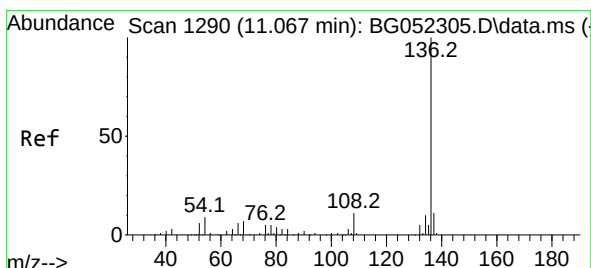
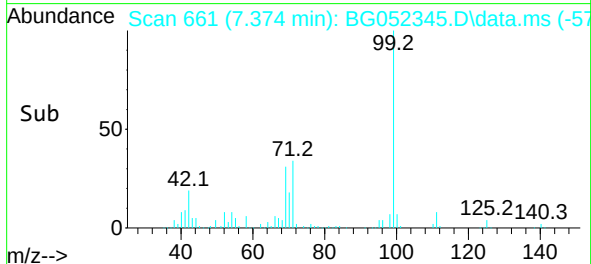
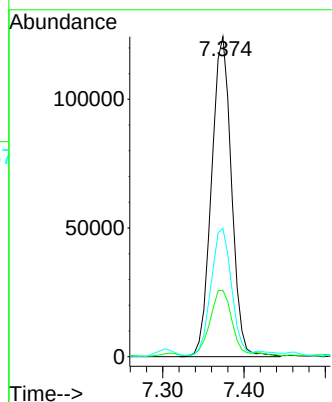


#7
Phenol-d6
Concen: 91.916 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

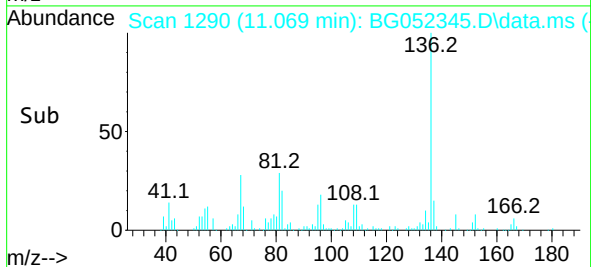
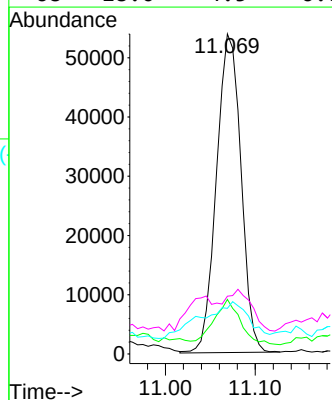
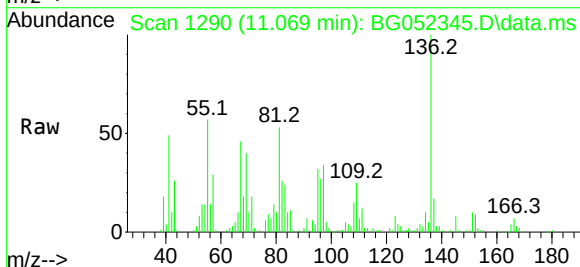


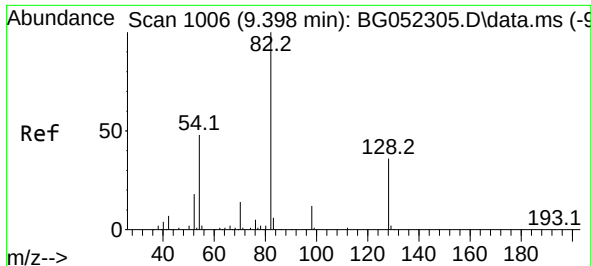
Tgt Ion: 99 Resp: 212456
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 40.1 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:136 Resp: 101730
Ion Ratio Lower Upper
136 100
137 17.1 9.1 13.7#
54 14.3 8.3 12.5#
68 18.0 4.5 6.7#

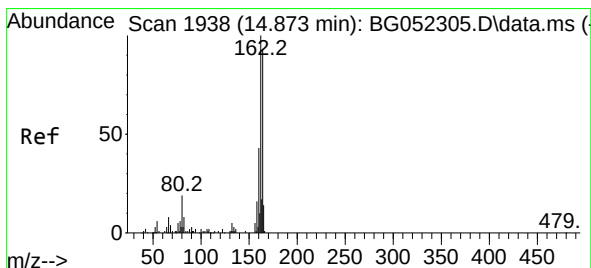
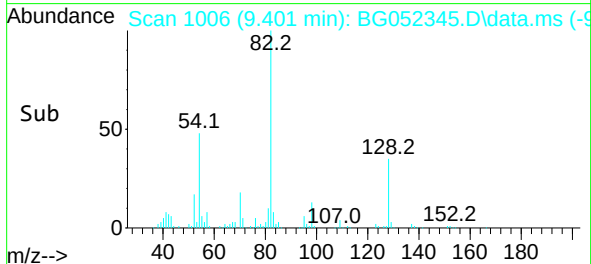
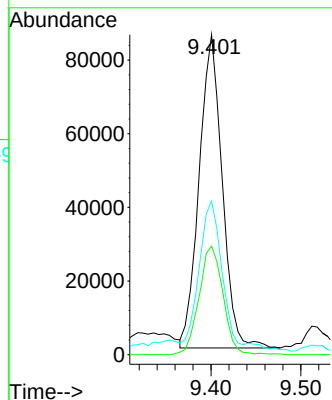
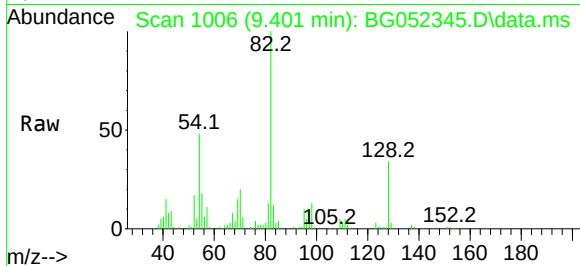




#23
Nitrobenzene-d5
Concen: 64.728 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

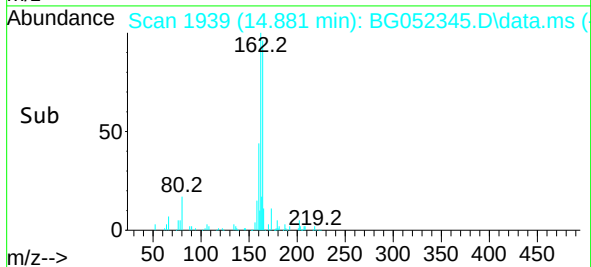
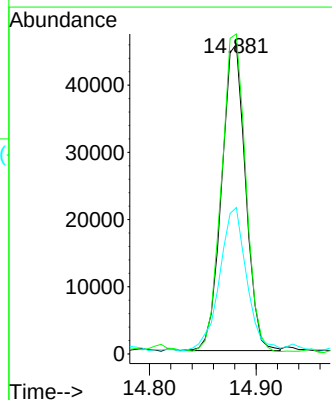
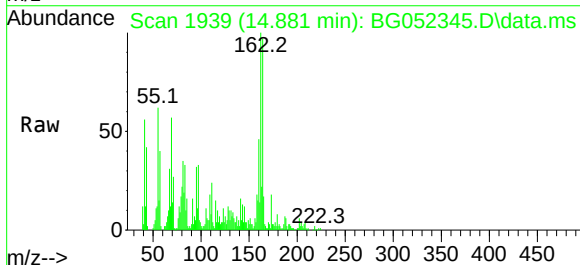
Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

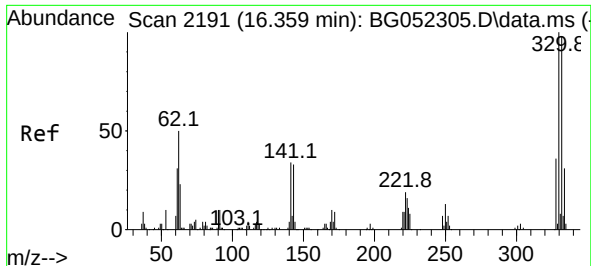
Tgt Ion: 82 Resp: 151509
Ion Ratio Lower Upper
82 100
128 33.9 27.0 40.4
54 48.0 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.008 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

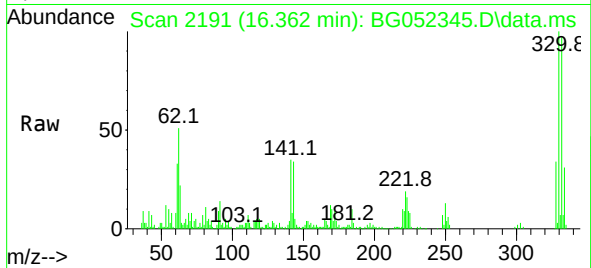
Tgt Ion:164 Resp: 71074
Ion Ratio Lower Upper
164 100
162 103.3 82.2 123.2
160 47.2 36.2 54.2



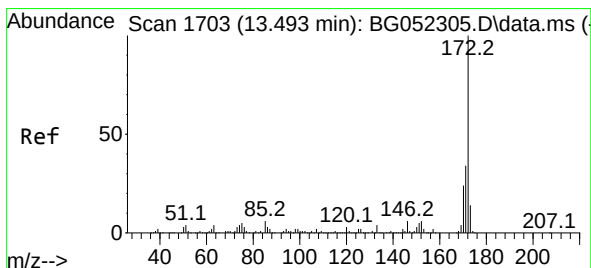
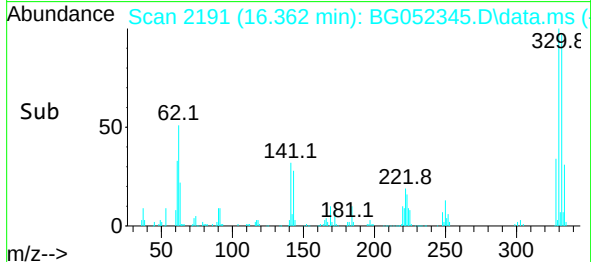
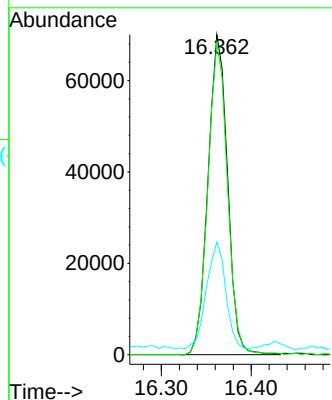


#42
2,4,6-Tribromophenol
Concen: 103.601 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Instrument :
BNA_G
ClientSampleId :
DB-10(13-15)-02-04-22

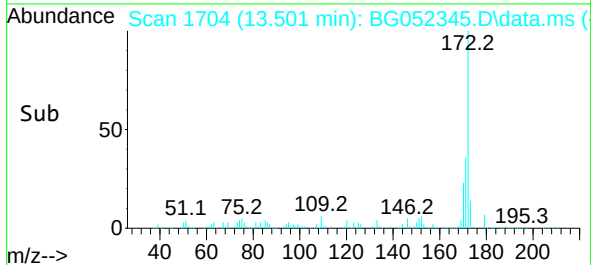
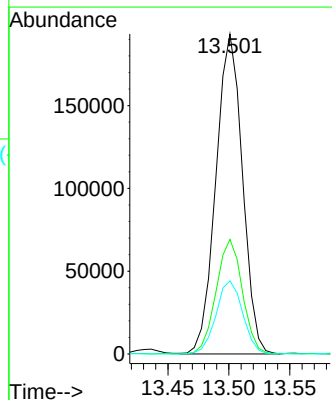
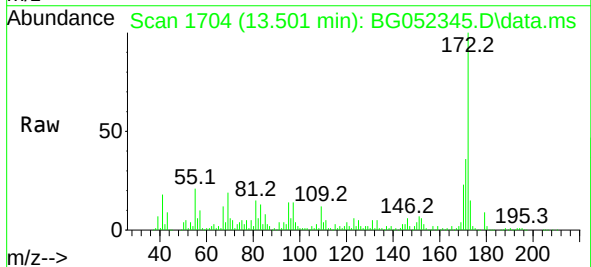


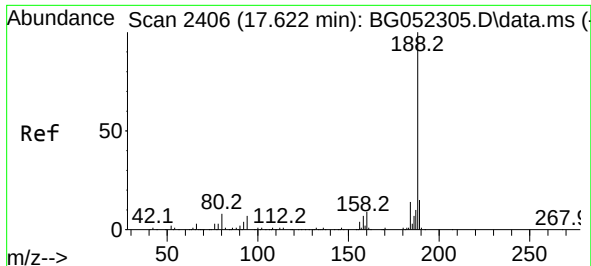
Tgt Ion:330 Resp: 105786
Ion Ratio Lower Upper
330 100
332 97.4 78.6 117.8
141 32.8 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 57.213 ng
RT: 13.501 min Scan# 1704
Delta R.T. 0.008 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:172 Resp: 292641
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.9 18.3 27.5

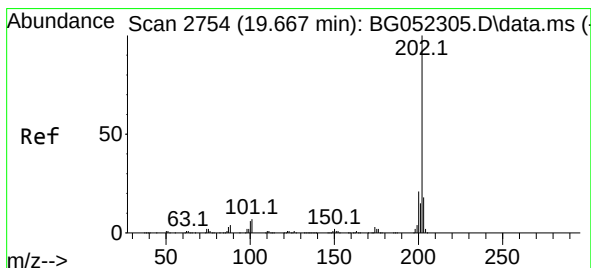
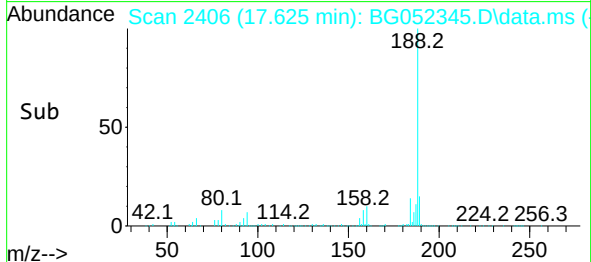
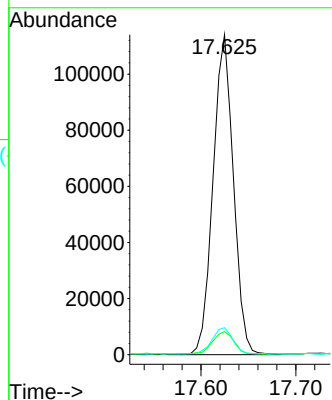
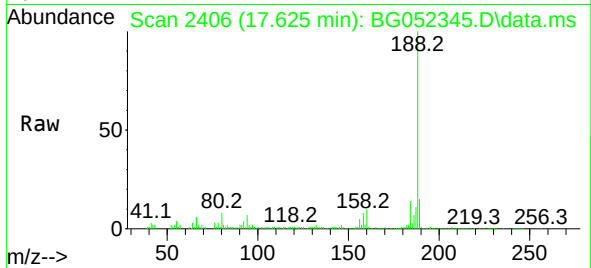




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

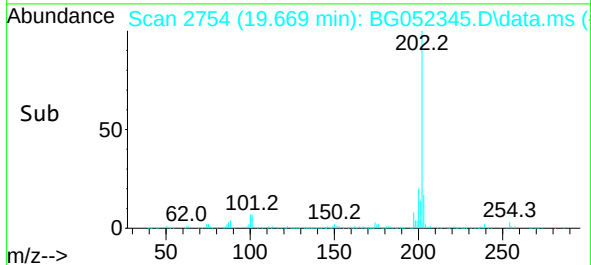
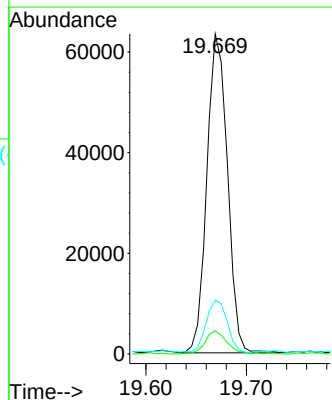
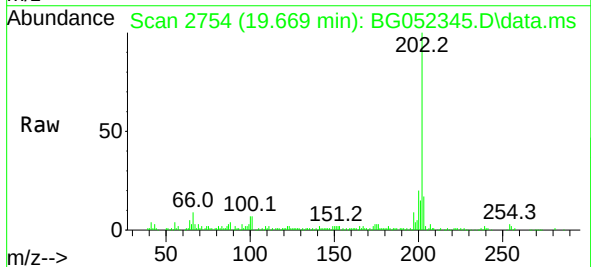
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ClientSampleId :
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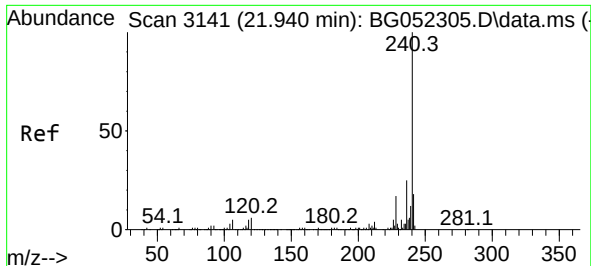
Tgt Ion:188 Resp: 170163
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 6.6 10.0



#75
Fluoranthene
Concen: 8.082 ng
RT: 19.669 min Scan# 2754
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:202 Resp: 90275
Ion Ratio Lower Upper
202 100
101 7.2 0.0 27.1
203 16.8 0.0 37.8

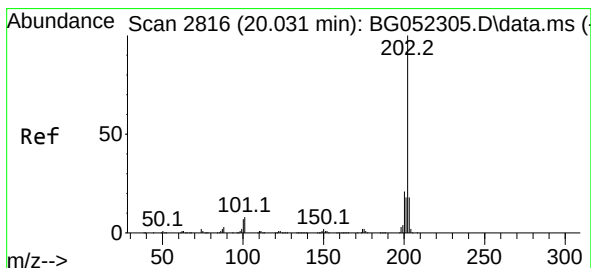
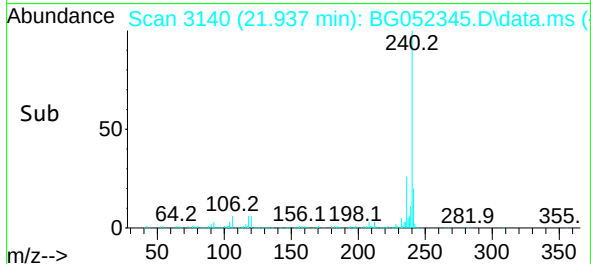
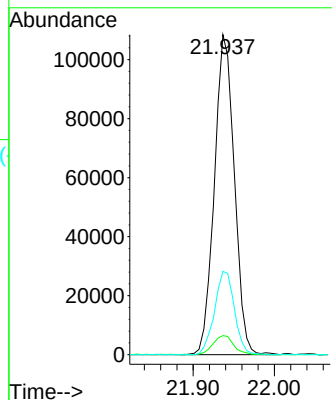
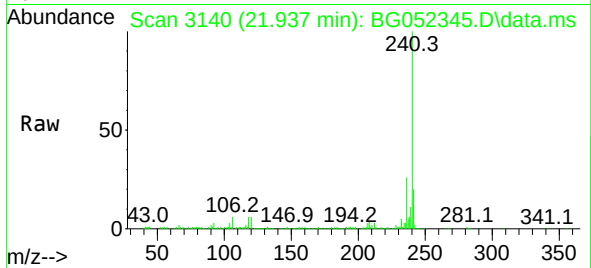




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

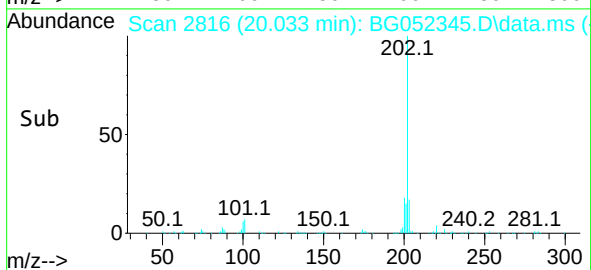
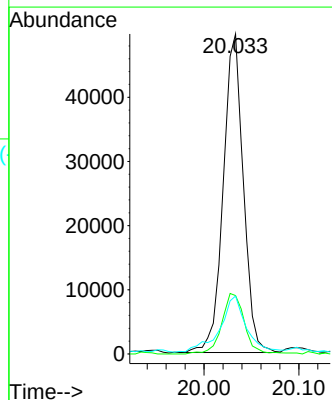
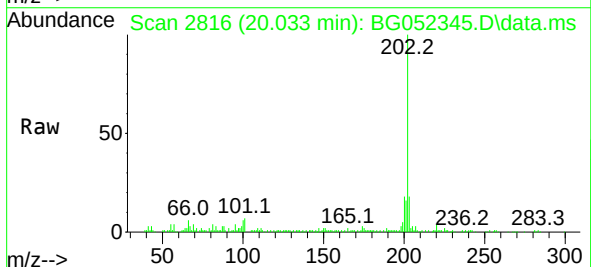
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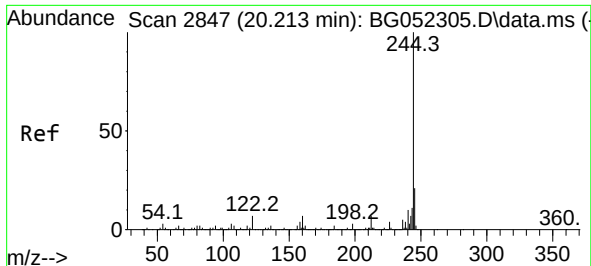
Tgt Ion:240 Resp: 185522
Ion Ratio Lower Upper
240 100
120 5.9 4.4 6.6
236 26.0 20.8 31.2



#78
Pyrene
Concen: 5.904 ng
RT: 20.033 min Scan# 2816
Delta R.T. 0.002 min
Lab File: BG052345.D
Acq: 9 Feb 2022 21:33

Tgt Ion:202 Resp: 73289
Ion Ratio Lower Upper
202 100
200 18.3 17.4 26.2
203 18.1 14.5 21.7

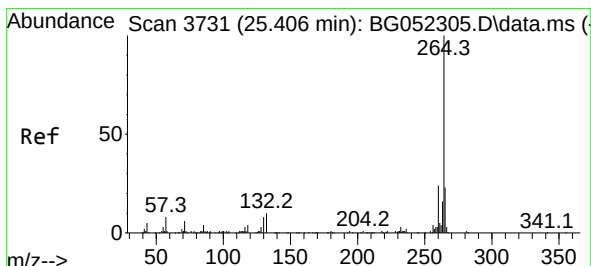
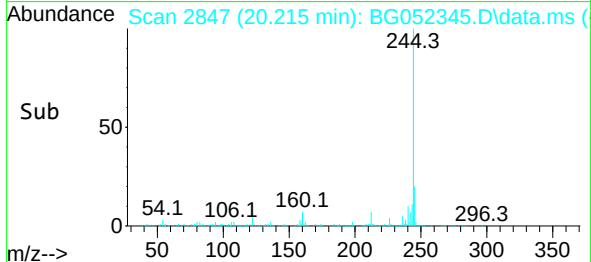
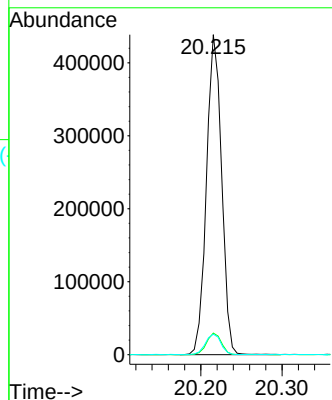
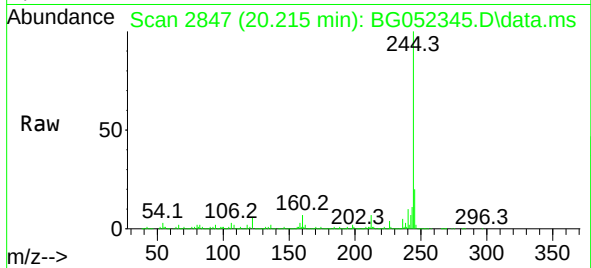




#79
 Terphenyl-d14
 Concen: 53.939 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG052345.D
 Acq: 9 Feb 2022 21:33

Instrument :
 BNA_G
 ClientSampleId :
 DB-10(13-15)-02-04-22

Tgt Ion:244 Resp: 566687
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 6.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.408 min Scan# 3731
 Delta R.T. 0.002 min
 Lab File: BG052345.D
 Acq: 9 Feb 2022 21:33

Tgt Ion:264 Resp: 201435
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 23.2 17.8 26.6

