

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053147.D
 Acq On : 13 Apr 2022 20:41
 Operator : CG/JU
 Sample : N2376-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-041222

Quant Time: Apr 14 02:58:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

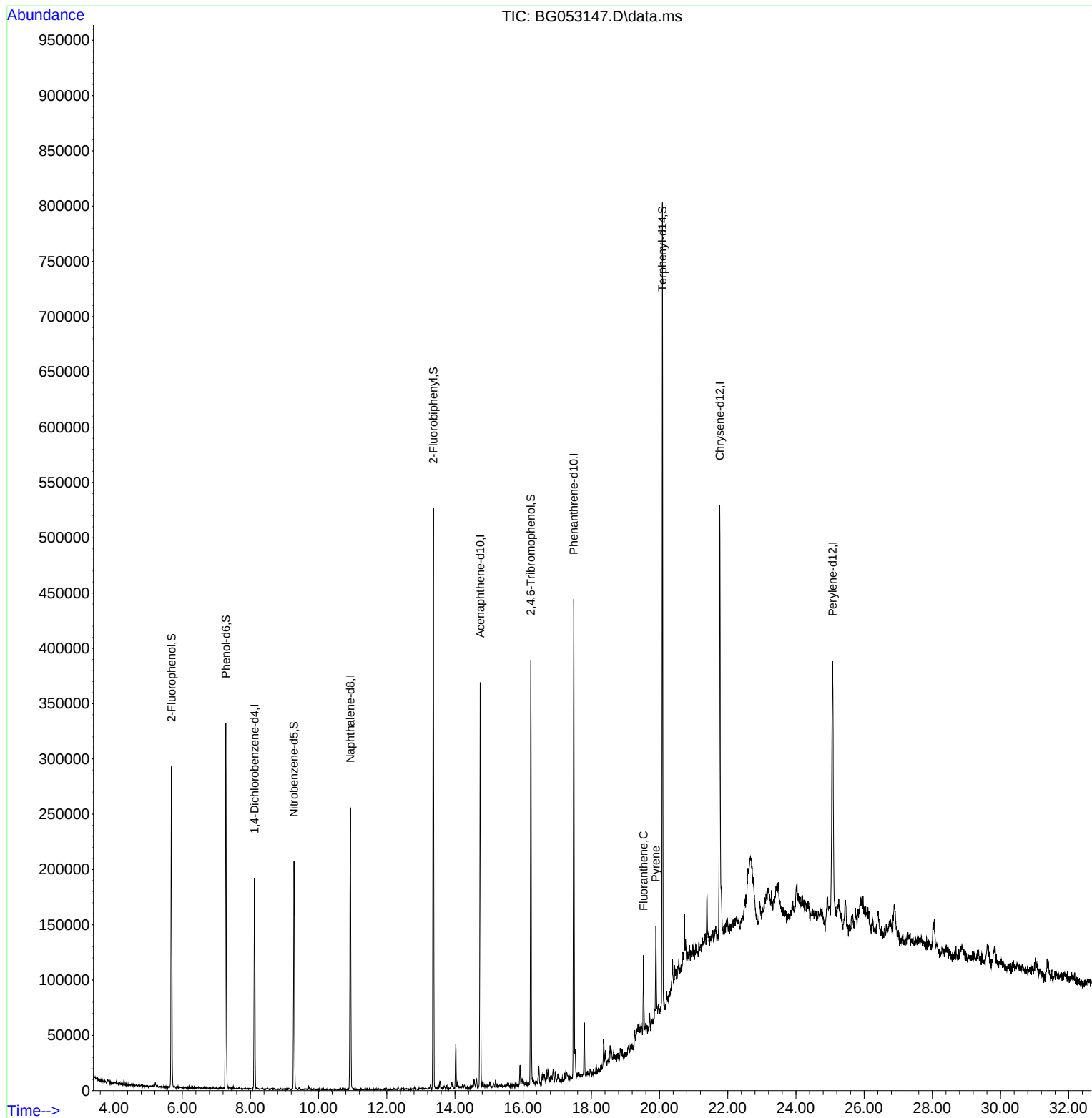
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	53996	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	207693	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	137580	20.000	ng	0.00
64) Phenanthrene-d10	17.484	188	273518	20.000	ng	0.00
76) Chrysene-d12	21.766	240	254975	20.000	ng	0.00
86) Perylene-d12	25.073	264	264130	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	122118	38.768	ng	0.00
7) Phenol-d6	7.280	99	182516	37.574	ng	0.00
23) Nitrobenzene-d5	9.277	82	133544	26.108	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	78634	35.925	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	275417	27.604	ng	0.00
79) Terphenyl-d14	20.086	244	365278	24.195	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.534	202	41491	2.167	ng	96
78) Pyrene	19.892	202	42989	2.367	ng	98

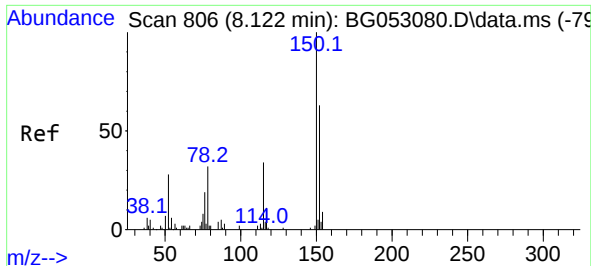
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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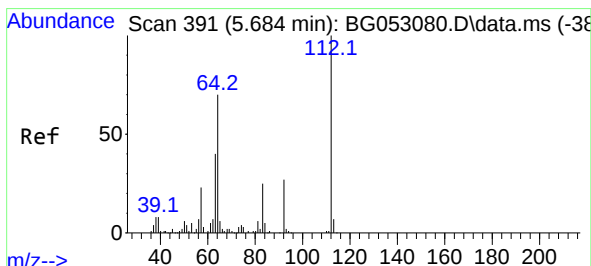
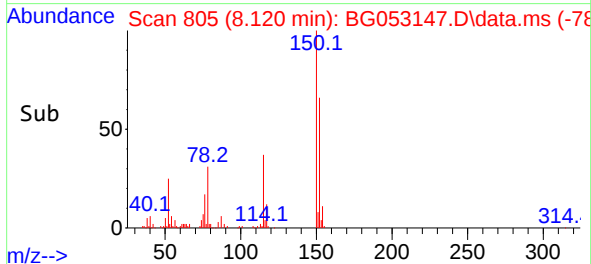
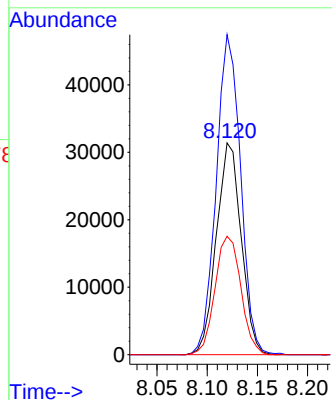
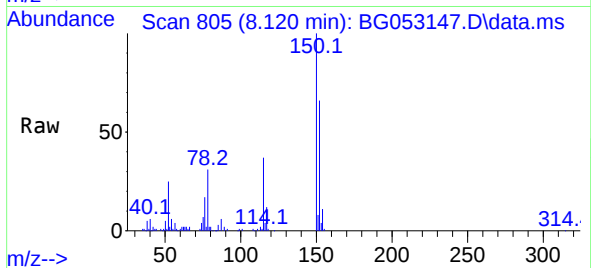




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

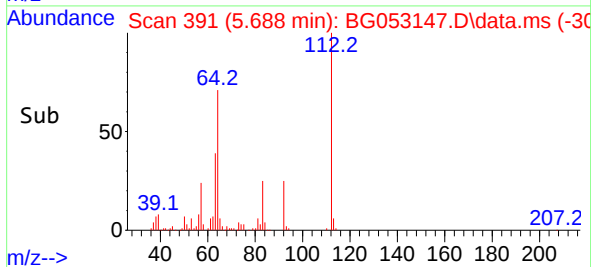
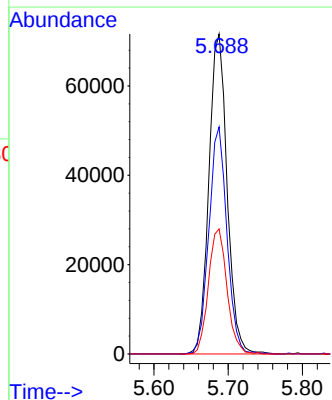
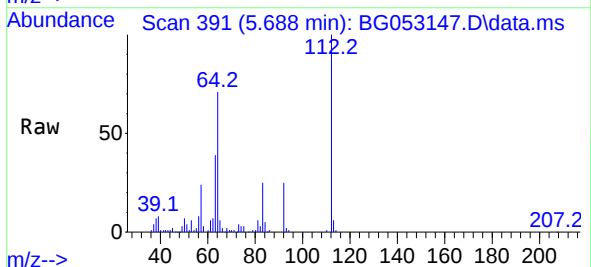
Instrument :
BNA_G
ClientSampleId :
NB-07-041222

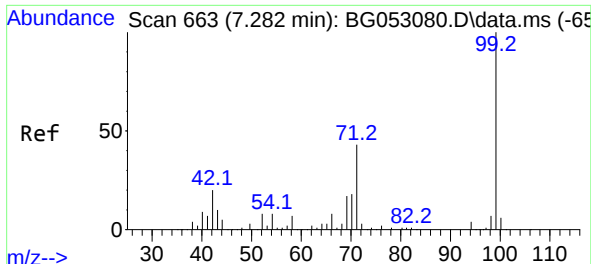
Tgt Ion:152 Resp: 53996
Ion Ratio Lower Upper
152 100
150 151.0 114.6 172.0
115 55.8 45.9 68.9



#5
2-Fluorophenol
Concen: 38.768 ng
RT: 5.688 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Tgt Ion:112 Resp: 122118
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 39.1 26.5 39.7

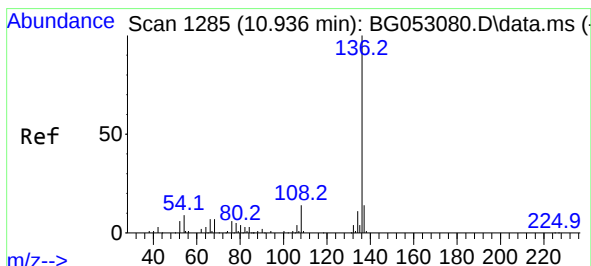
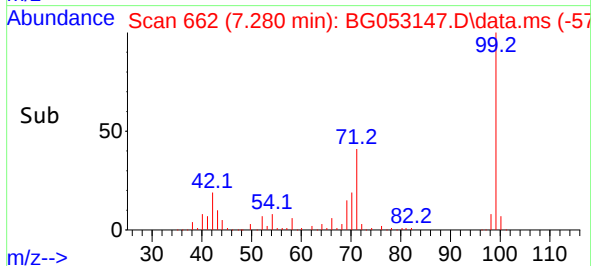
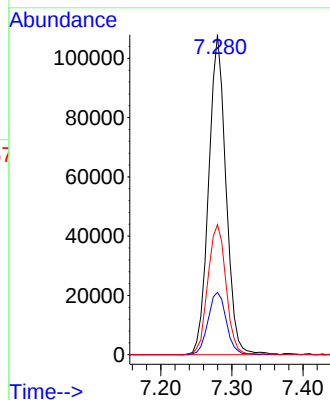
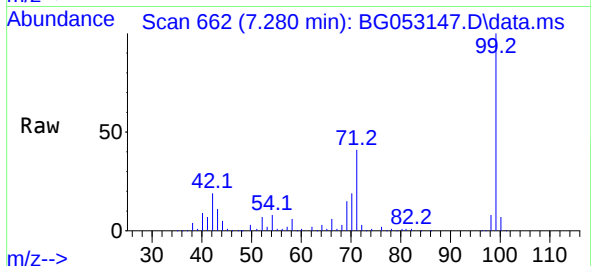




#7
Phenol-d6
Concen: 37.574 ng
RT: 7.280 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

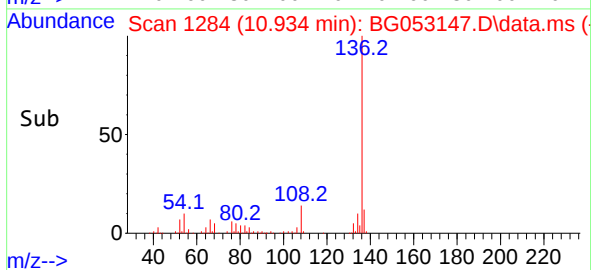
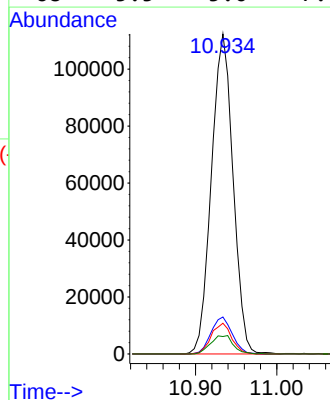
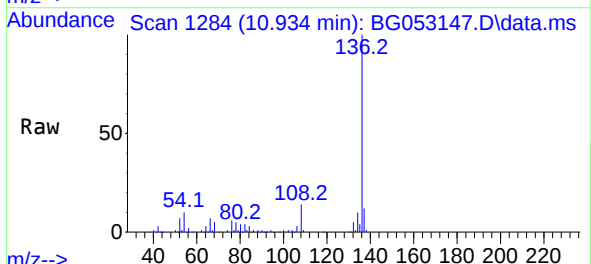
Instrument :
BNA_G
ClientSampleId :
NB-07-041222

Tgt Ion: 99 Resp: 182516
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 40.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1284
Delta R.T. -0.002 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Tgt Ion: 136 Resp: 207693
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.6 6.4 9.6
68 5.5 5.0 7.6

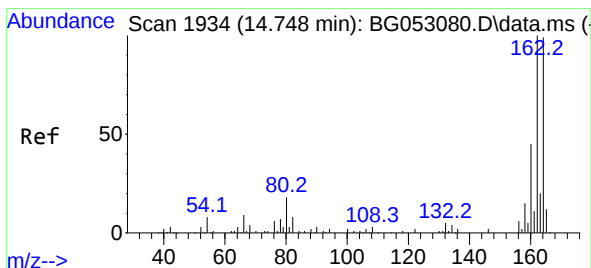
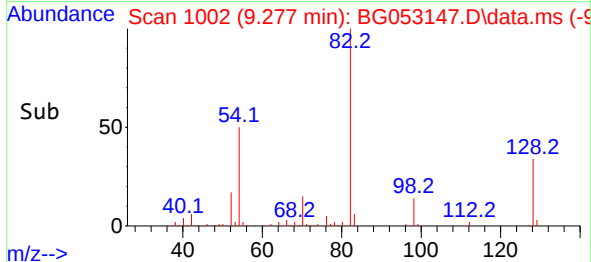
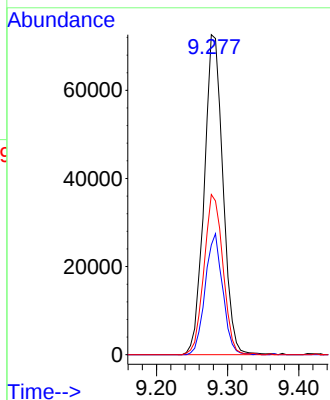
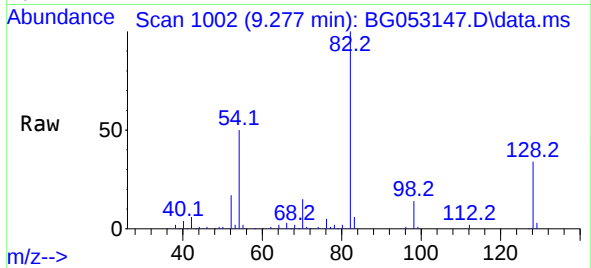




#23
Nitrobenzene-d5
Concen: 26.108 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

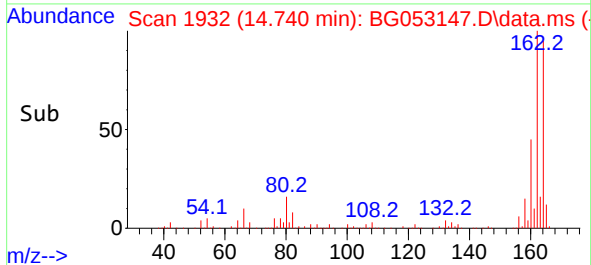
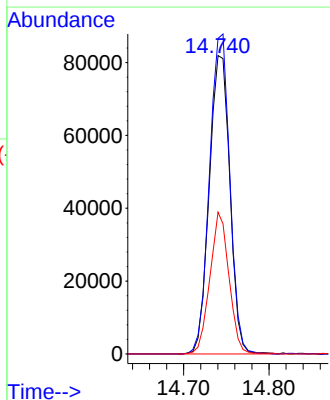
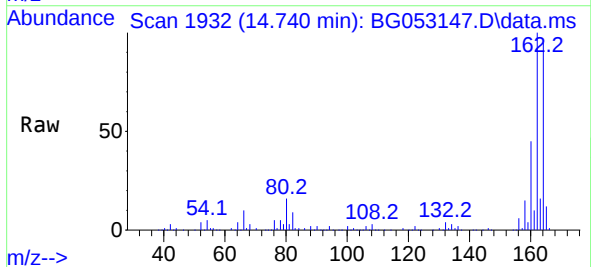
Instrument :
BNA_G
ClientSampleId :
NB-07-041222

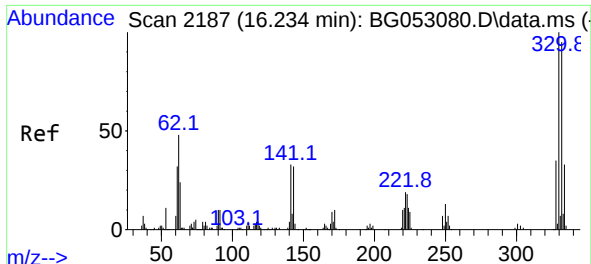
Tgt Ion: 82 Resp: 133544
Ion Ratio Lower Upper
82 100
128 34.3 31.3 46.9
54 50.0 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

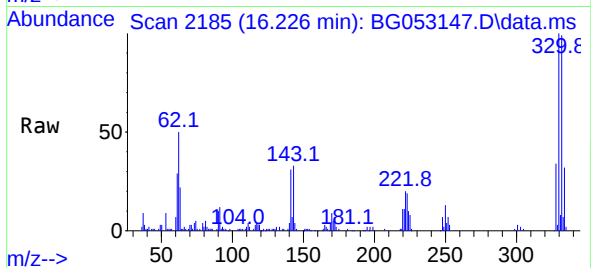
Tgt Ion:164 Resp: 137580
Ion Ratio Lower Upper
164 100
162 105.8 80.0 120.0
160 47.5 38.8 58.2



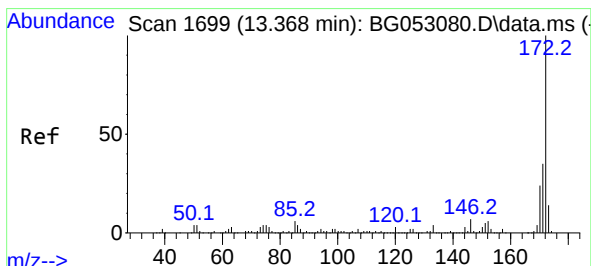
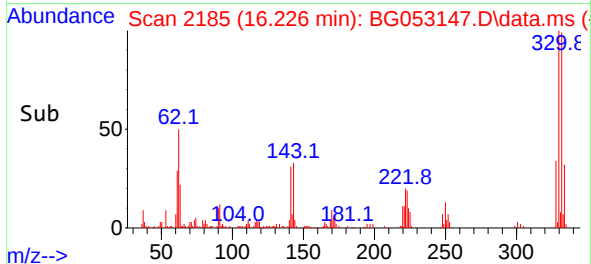
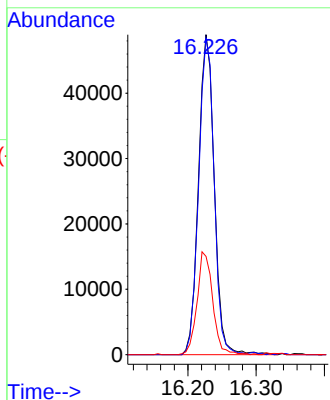


#42
2,4,6-Tribromophenol
Concen: 35.925 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Instrument :
BNA_G
ClientSampleId :
NB-07-041222

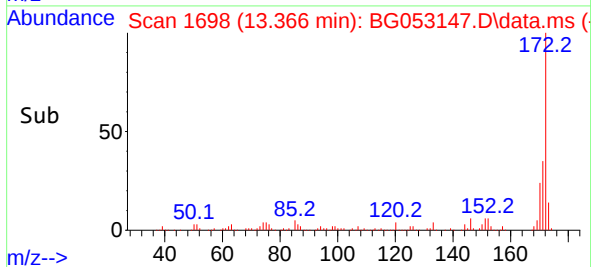
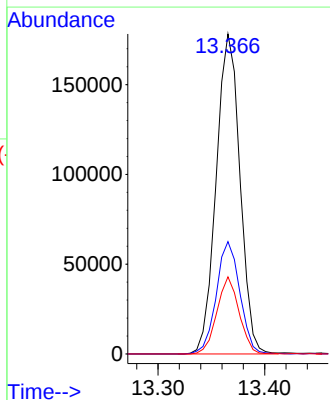
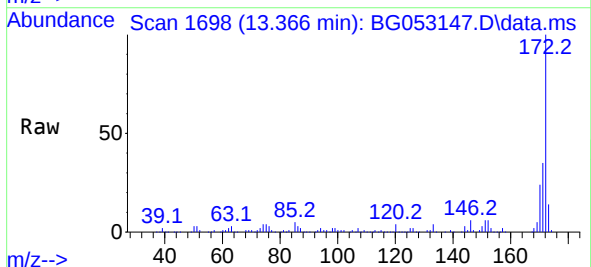


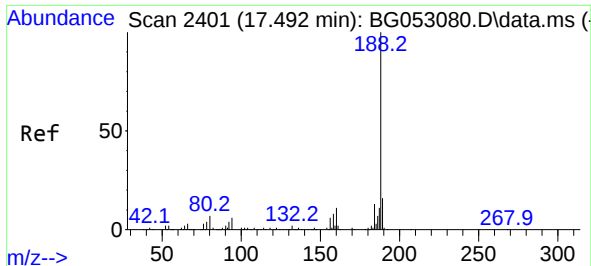
Tgt Ion:330 Resp: 78634
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 32.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 27.604 ng
RT: 13.366 min Scan# 1698
Delta R.T. -0.002 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Tgt Ion:172 Resp: 275417
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 24.1 18.0 27.0

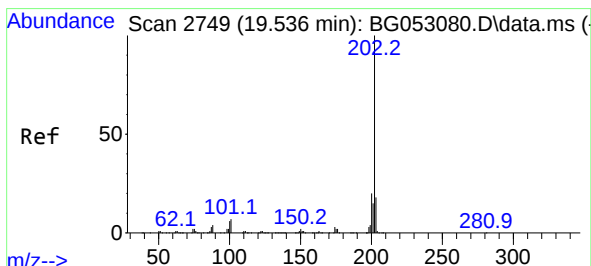
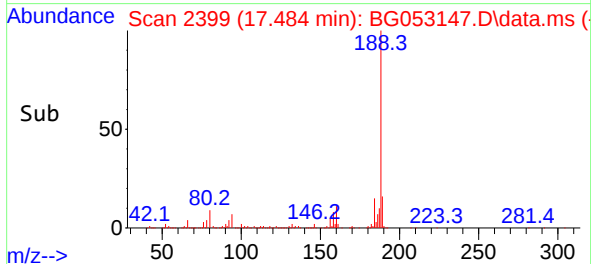
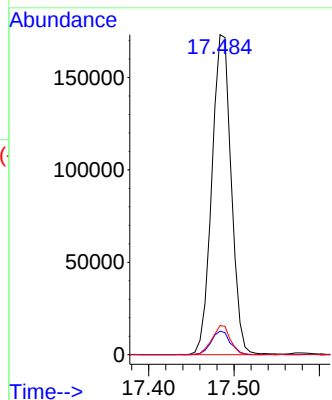
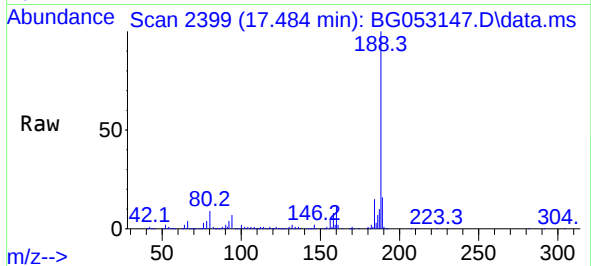




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.484 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

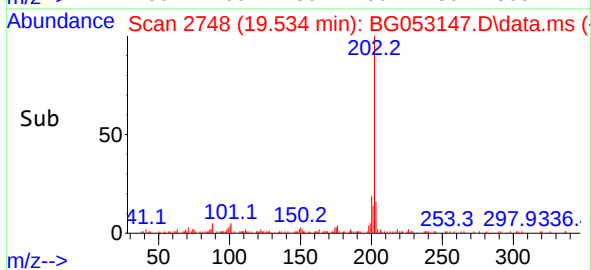
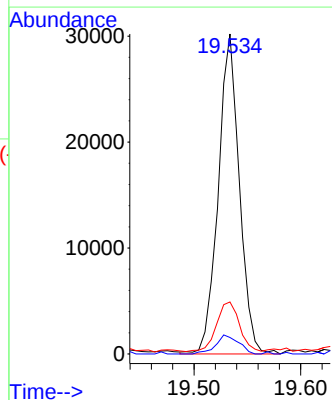
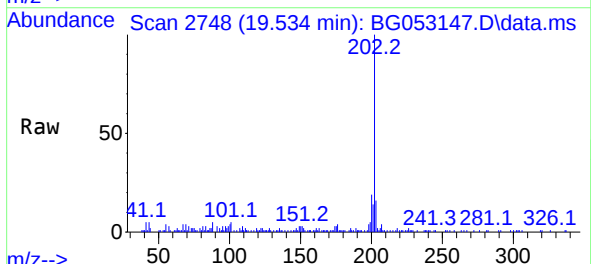
Instrument :
BNA_G
ClientSampleId :
NB-07-041222

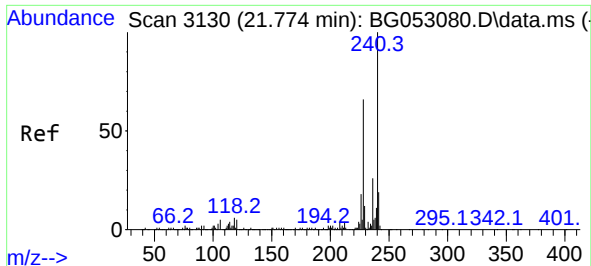
Tgt Ion:188 Resp: 273518
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 9.1 7.2 10.8



#75
Fluoranthene
Concen: 2.167 ng
RT: 19.534 min Scan# 2748
Delta R.T. -0.002 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Tgt Ion:202 Resp: 41491
Ion Ratio Lower Upper
202 100
101 5.1 0.0 27.3
203 16.2 0.0 37.7

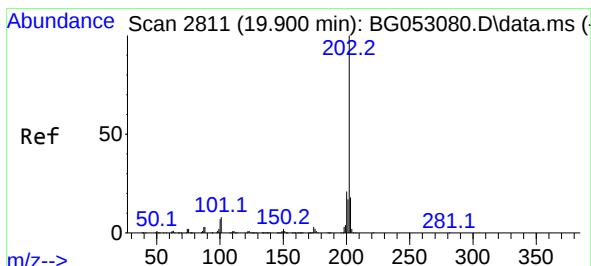
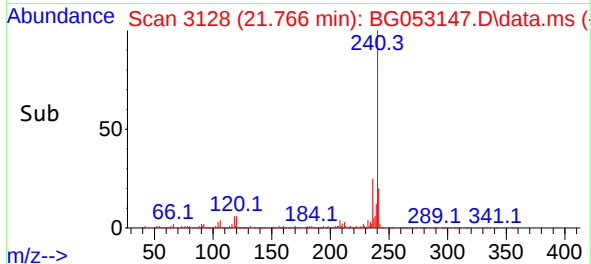
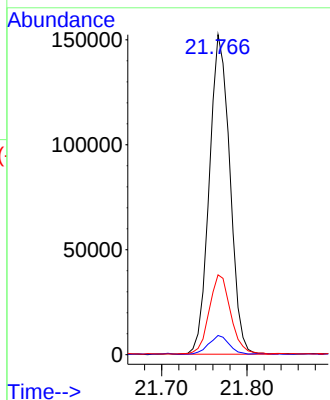
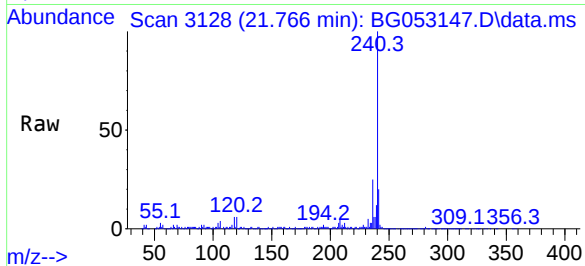




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

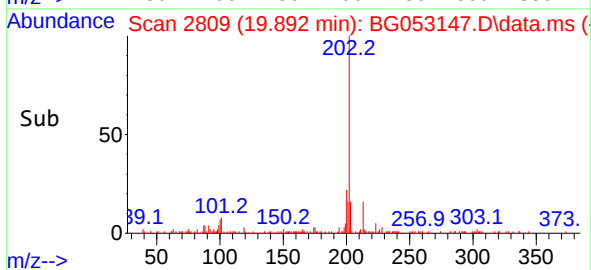
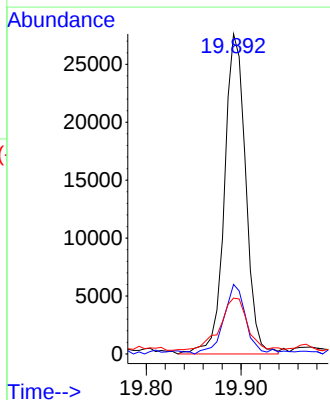
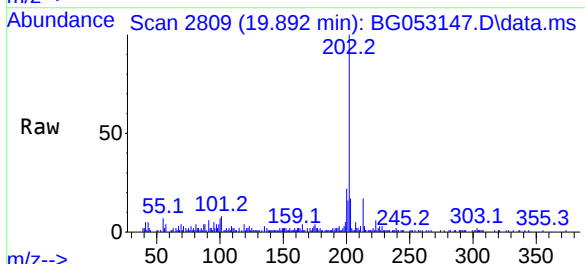
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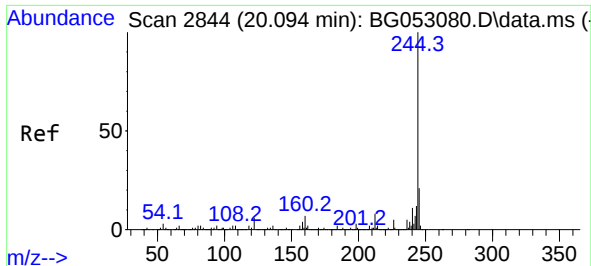
Tgt Ion:240 Resp: 254975
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.0 19.8 29.6



#78
Pyrene
Concen: 2.367 ng
RT: 19.892 min Scan# 2809
Delta R.T. -0.008 min
Lab File: BG053147.D
Acq: 13 Apr 2022 20:41

Tgt Ion:202 Resp: 42989
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 17.4 15.0 22.6

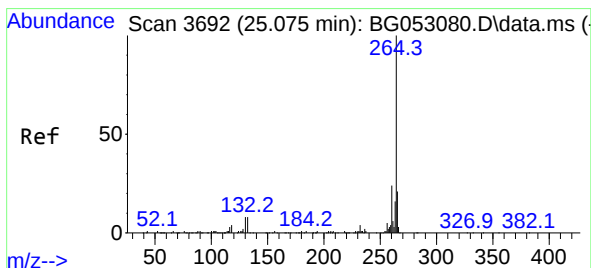
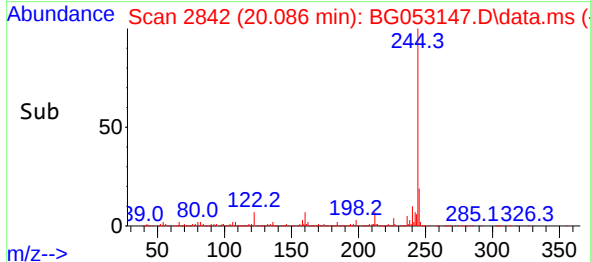
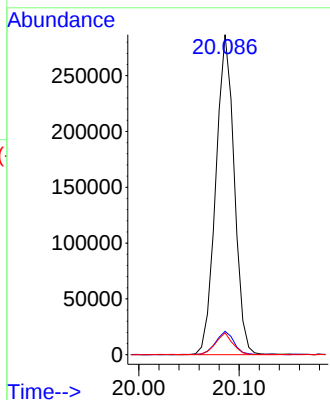
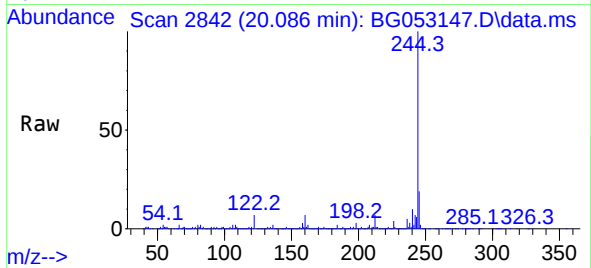




#79
 Terphenyl-d14
 Concen: 24.195 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053147.D
 Acq: 13 Apr 2022 20:41

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-041222

Tgt Ion:244 Resp: 365278
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.073 min Scan# 3691
 Delta R.T. -0.002 min
 Lab File: BG053147.D
 Acq: 13 Apr 2022 20:41

Tgt Ion:264 Resp: 264130
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.2 27.2
 265 23.8 15.1 22.7#

