

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054607.D
 Acq On : 11 Aug 2022 16:29
 Operator : CG/JU
 Sample : N4017-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB09

Quant Time: Aug 12 06:04:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	15519	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	60384	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	48253	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	128266	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	148704	20.000	ng	# 0.00
86) Perylene-d12	24.827	264	152921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	88468	119.022	ng	0.00
7) Phenol-d6	7.171	99	124947	122.679	ng	0.00
23) Nitrobenzene-d5	9.140	82	84640	76.332	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	105460	104.093	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	246449	72.050	ng	0.00
79) Terphenyl-d14	19.968	244	541005	72.173	ng	0.00

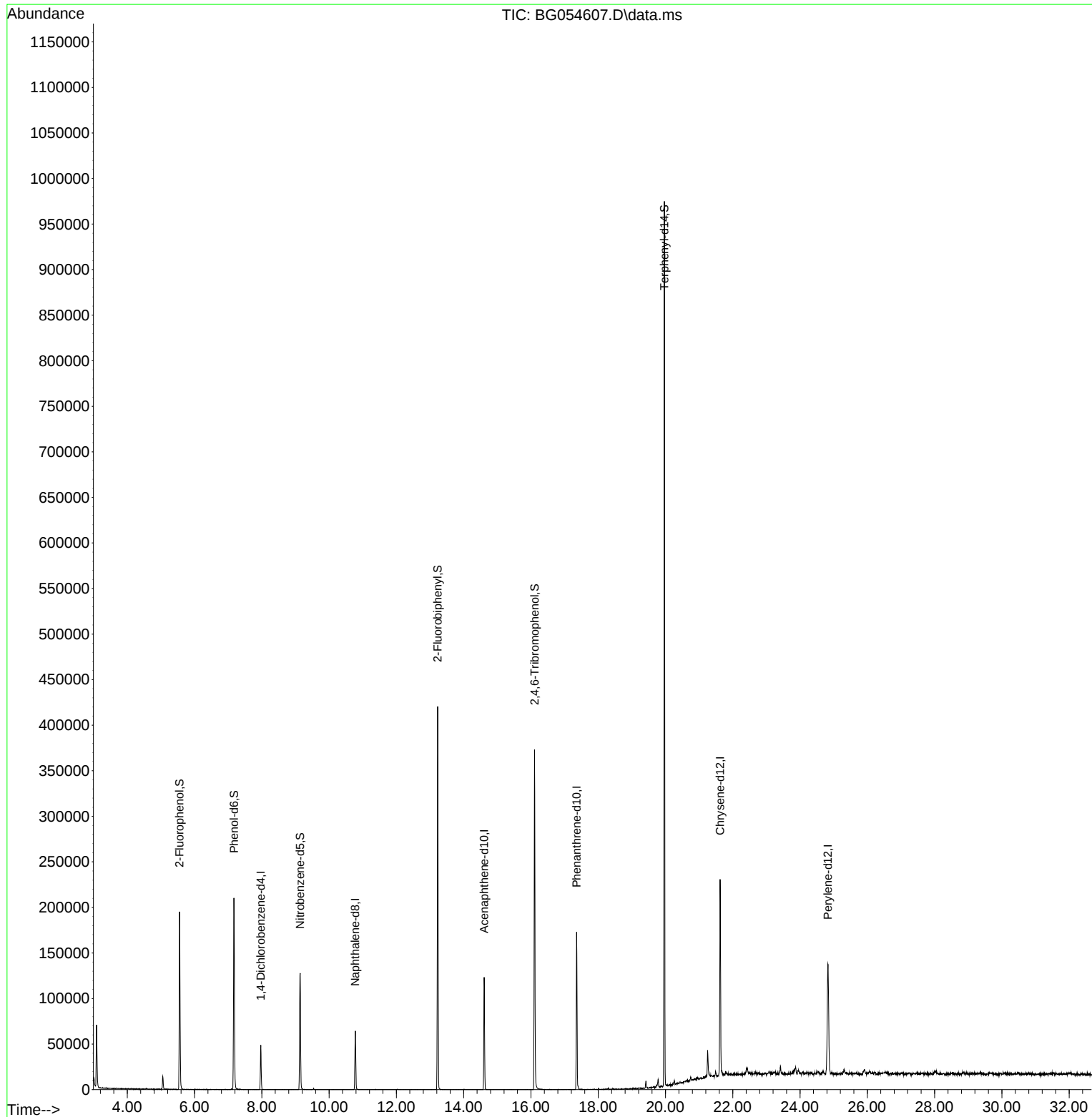
Target Compounds	Qvalue

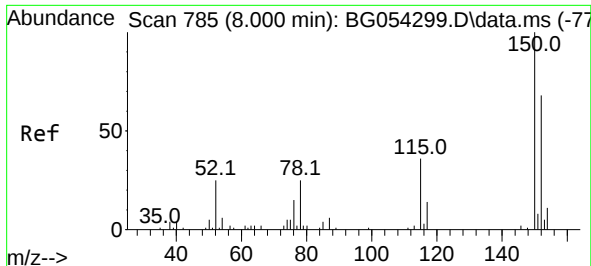
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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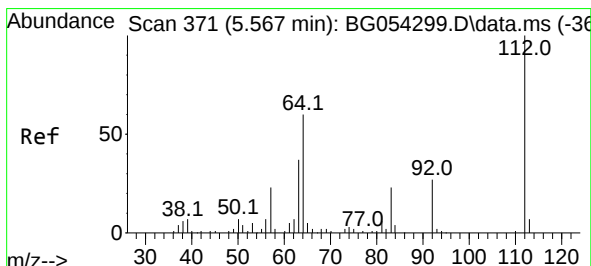
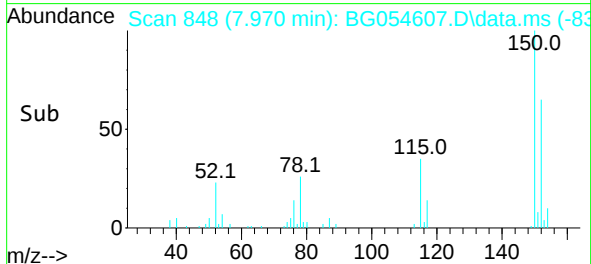
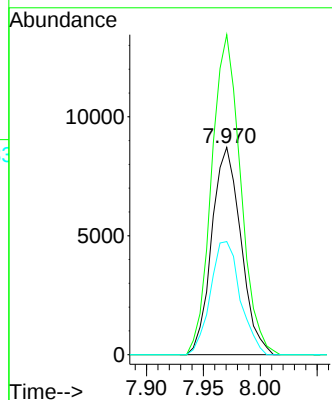
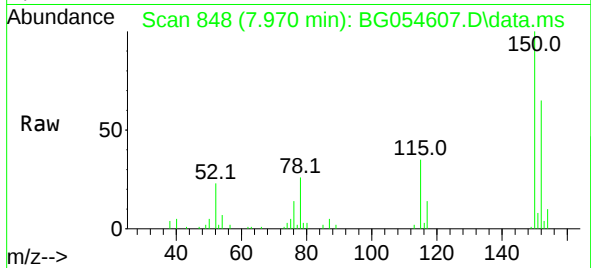




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

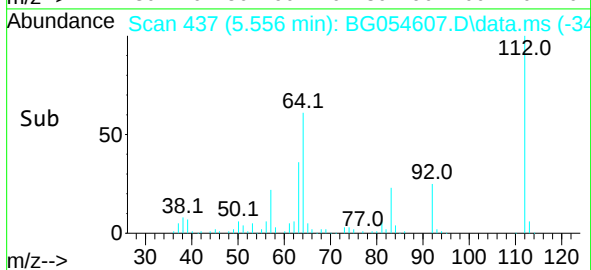
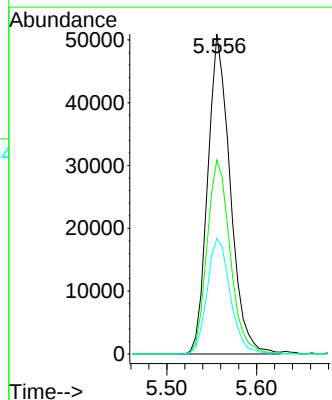
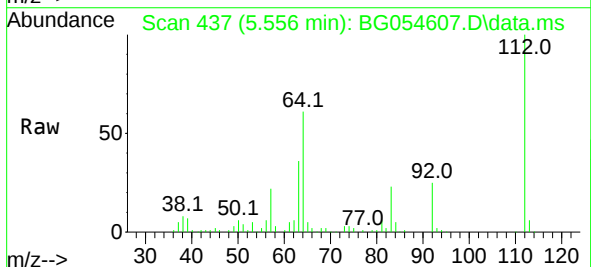
Instrument :
BNA_G
ClientSampleId :
SB09

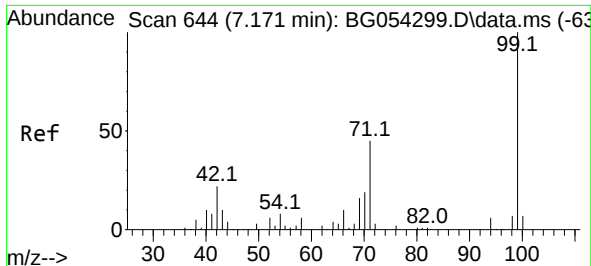
Tgt Ion:152 Resp: 15519
Ion Ratio Lower Upper
152 100
150 154.4 131.6 197.4
115 54.6 50.9 76.3



#5
2-Fluorophenol
Concen: 119.022 ng
RT: 5.556 min Scan# 437
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

Tgt Ion:112 Resp: 88468
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 36.1 30.4 45.6

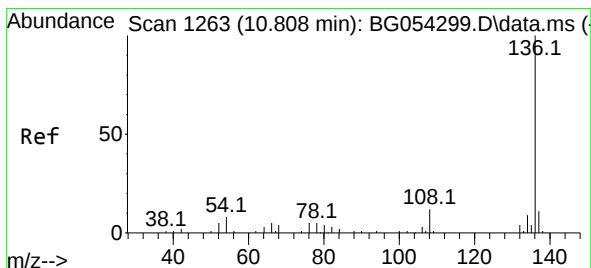
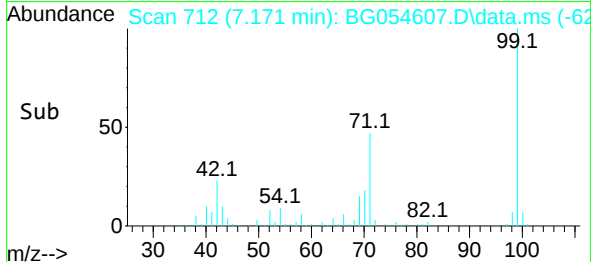
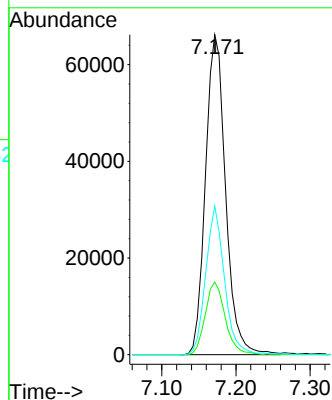
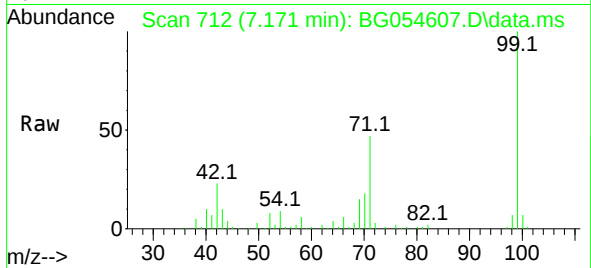




#7
Phenol-d6
Concen: 122.679 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

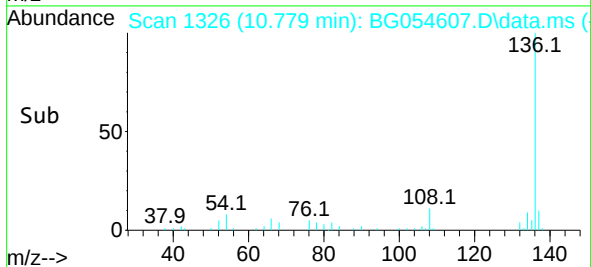
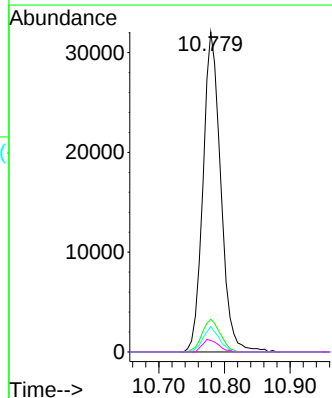
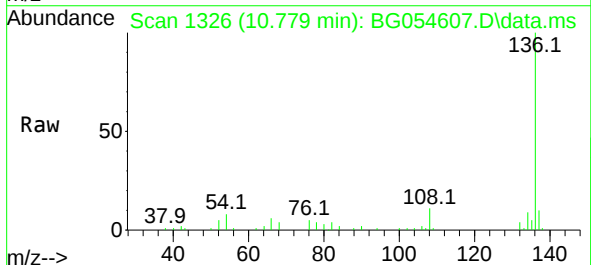
Instrument :
BNA_G
ClientSampleId :
SB09

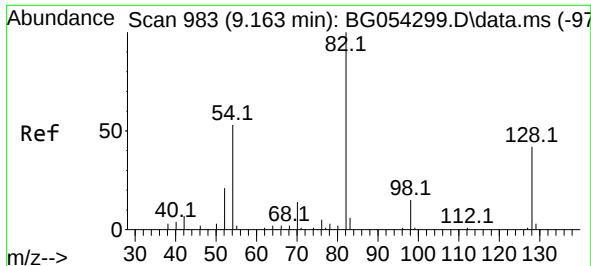
Tgt Ion: 99 Resp: 124947
Ion Ratio Lower Upper
99 100
42 22.7 17.0 25.6
71 46.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

Tgt Ion: 136 Resp: 60384
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 7.9 7.4 11.2
68 3.6 4.9 7.3#

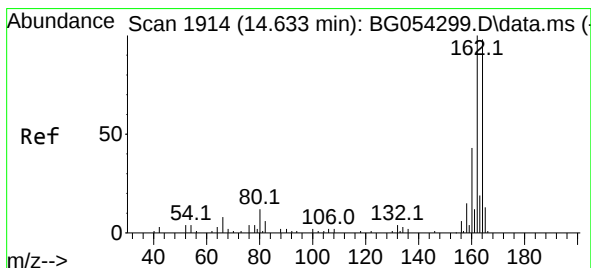
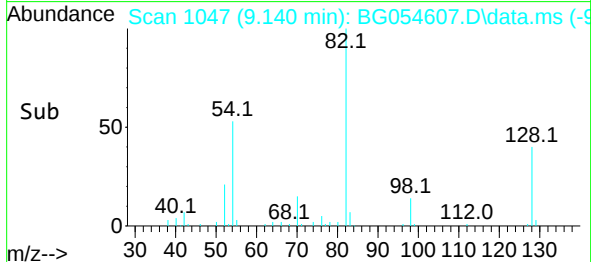
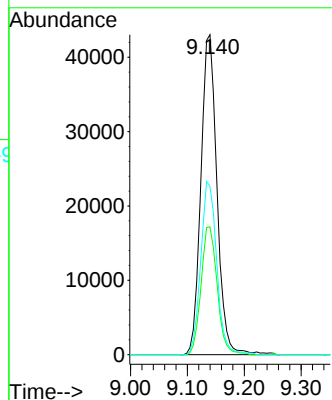
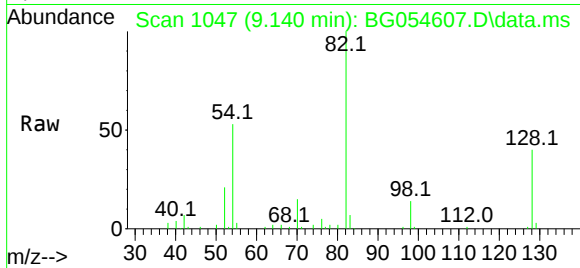




#23
Nitrobenzene-d5
Concen: 76.332 ng
RT: 9.140 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

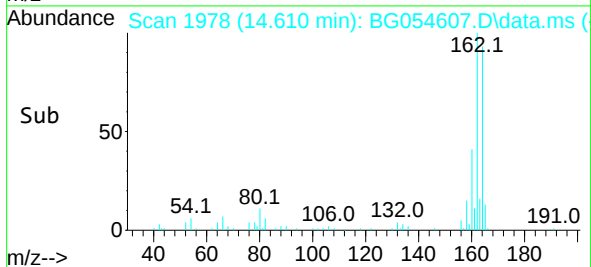
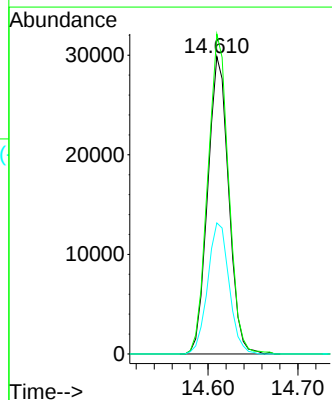
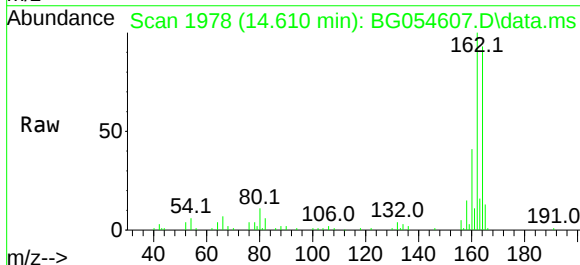
Instrument :
BNA_G
ClientSampleId :
SB09

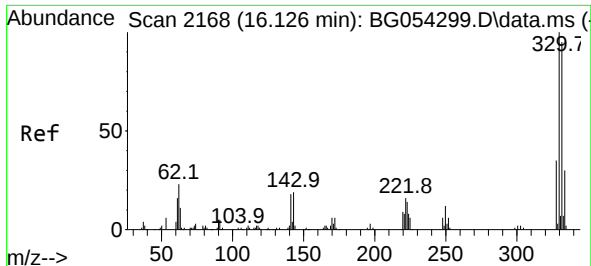
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	27.9	41.9
54	52.6	41.2	61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.3	123.5
160	44.0	34.2	51.2

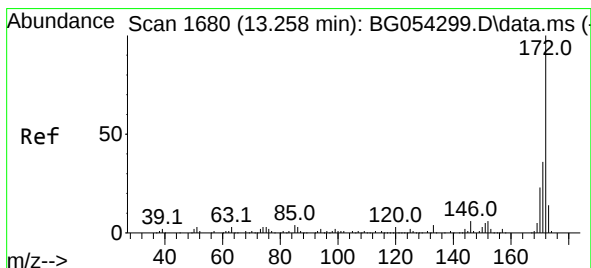
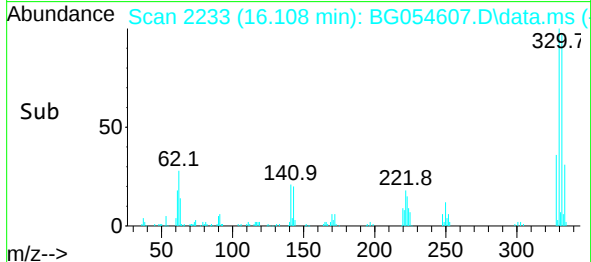
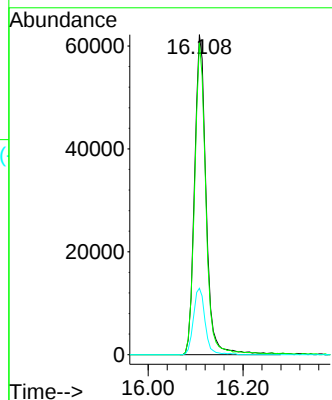
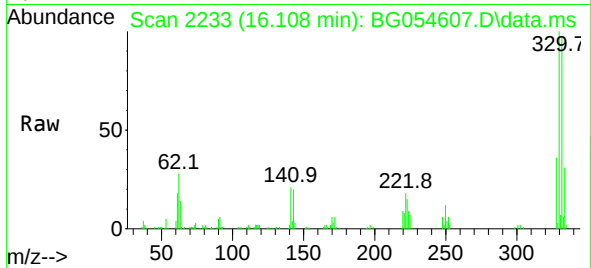




#42
2,4,6-Tribromophenol
Concen: 104.093 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

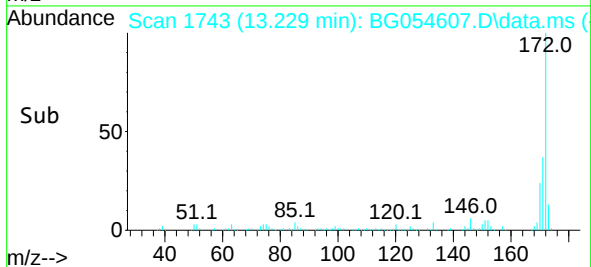
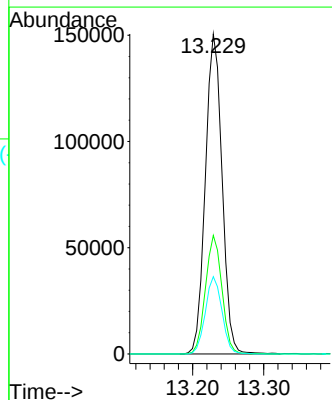
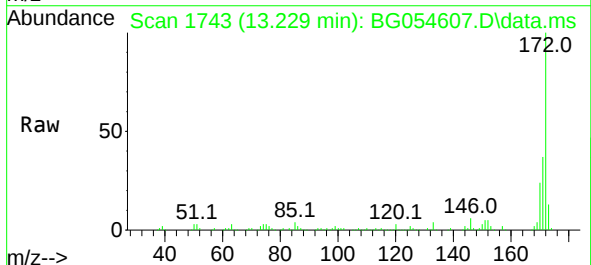
Instrument :
BNA_G
ClientSampleId :
SB09

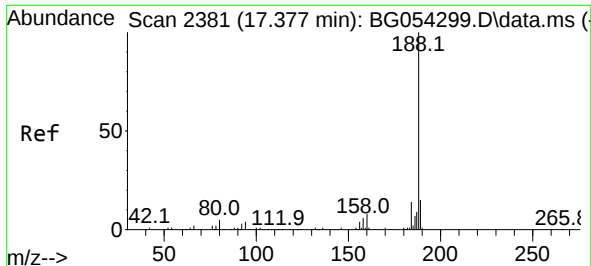
Tgt Ion:330 Resp: 105460
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 20.9 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 72.050 ng
RT: 13.229 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

Tgt Ion:172 Resp: 246449
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.1 18.9 28.3

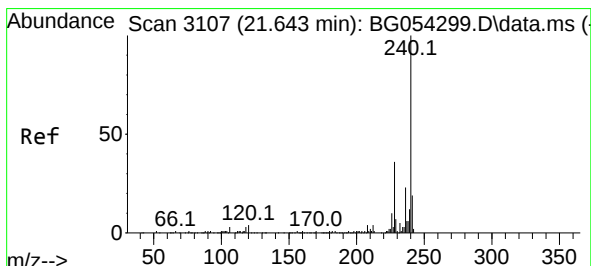
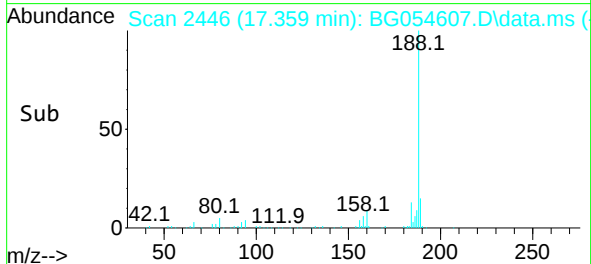
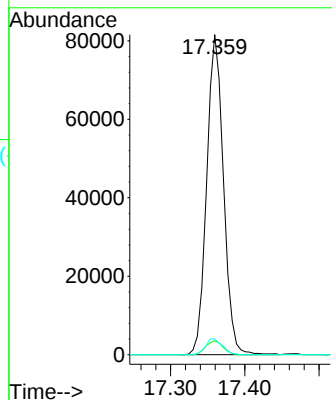
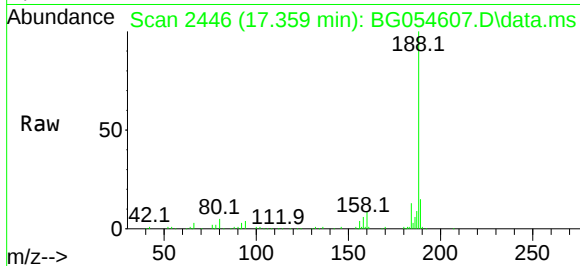




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

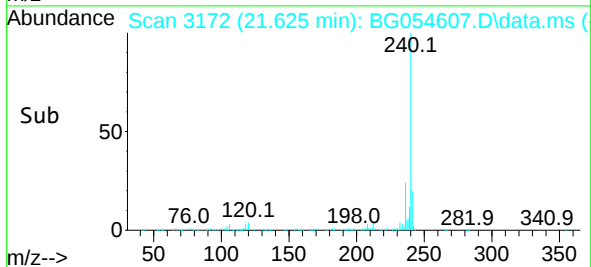
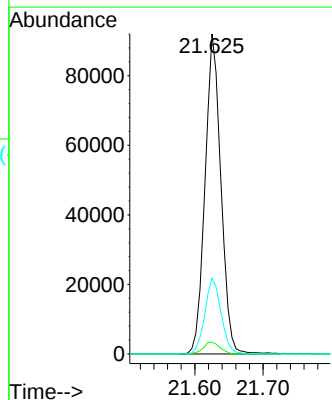
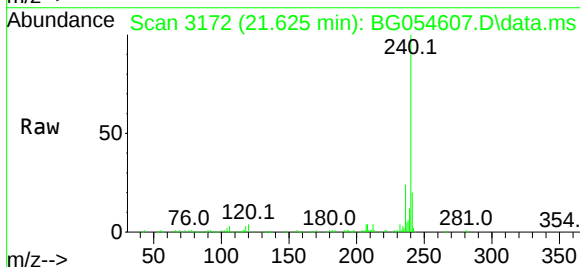
Instrument :
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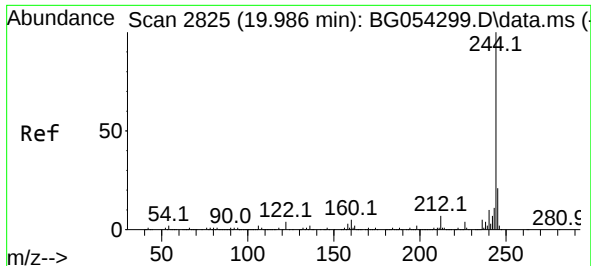
Tgt Ion:188 Resp: 128266
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.9 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054607.D
Acq: 11 Aug 2022 16:29

Tgt Ion:240 Resp: 148704
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 23.7 20.2 30.4

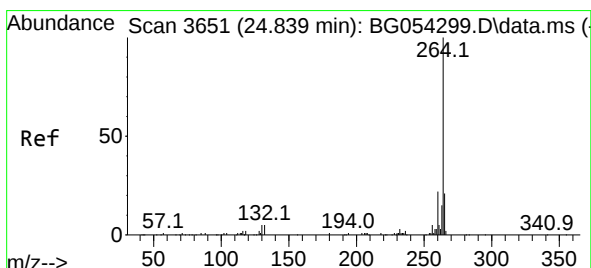
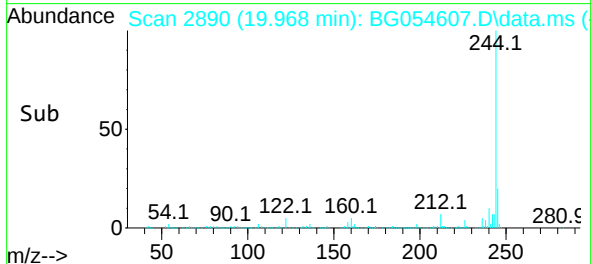
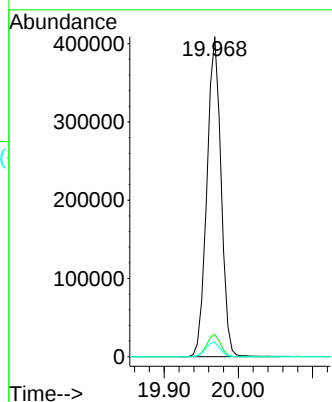
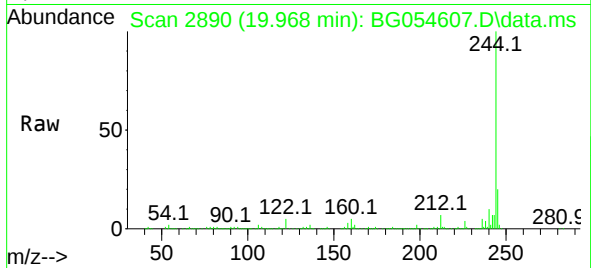




#79
 Terphenyl-d14
 Concen: 72.173 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054607.D
 Acq: 11 Aug 2022 16:29

Instrument :
 BNA_G
 ClientSampleId :
 SB09

Tgt Ion:244 Resp: 541005
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.827 min Scan# 3717
 Delta R.T. -0.008 min
 Lab File: BG054607.D
 Acq: 11 Aug 2022 16:29

Tgt Ion:264 Resp: 152921
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 22.0 17.4 26.2

