

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053239.D
 Acq On : 21 Apr 2022 13:31
 Operator : CG/JU
 Sample : N2434-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RCA-EDISON-PILE-1

Quant Time: Apr 22 02:56:17 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)

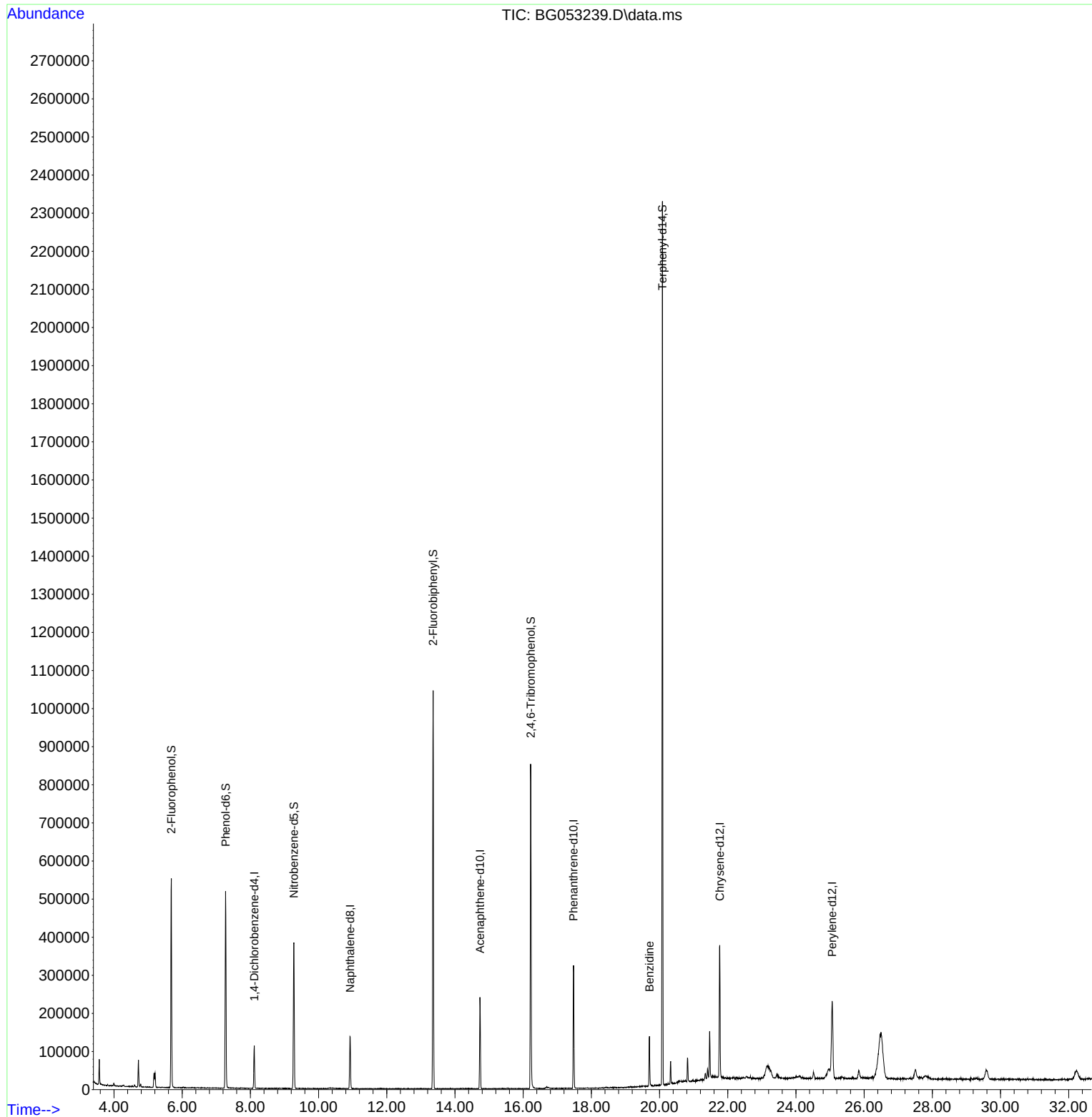
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	30954	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	115210	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	86767	20.000	ng	-0.01
64) Phenanthrene-d10	17.477	188	213517	20.000	ng	-0.01
76) Chrysene-d12	21.766	240	230117	20.000	ng	0.00
86) Perylene-d12	25.061	264	224390	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	222901	123.439	ng	0.00
7) Phenol-d6	7.273	99	294060	105.600	ng	0.00
23) Nitrobenzene-d5	9.277	82	248795	87.683	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	185001	134.017	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	545289	86.658	ng	0.00
79) Terphenyl-d14	20.086	244	1151139	84.486	ng	0.00
Target Compounds						
77) Benzidine	19.704	184	83551	12.726	ng	Qvalue 99

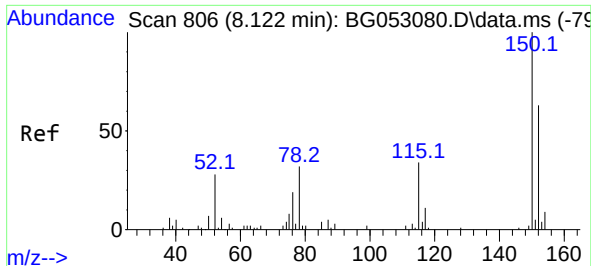
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
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RCA-EDISON-PILE-1

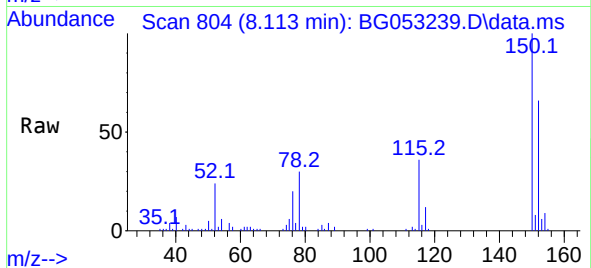
Quant Time: Apr 22 02:56:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration



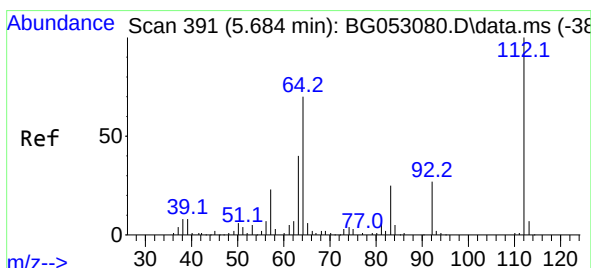
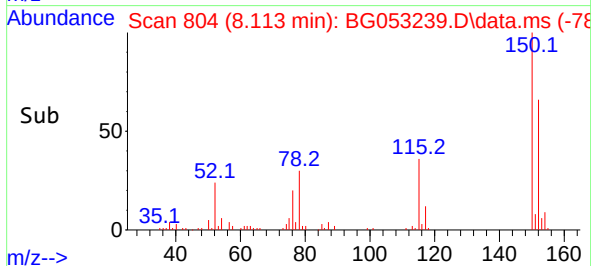
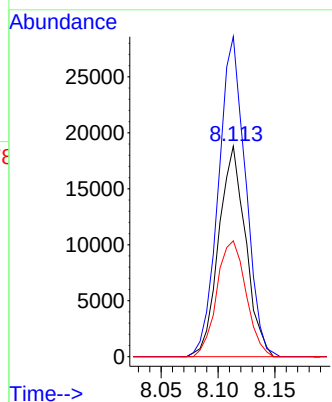


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

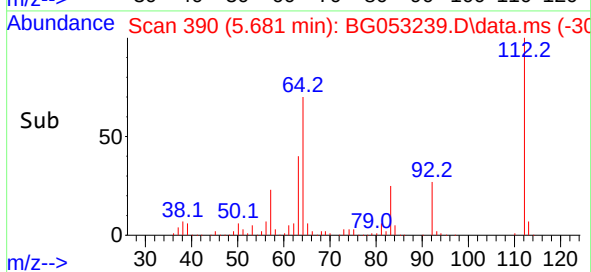
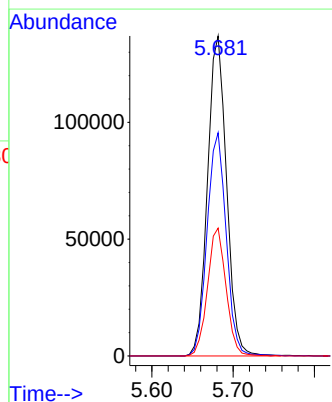
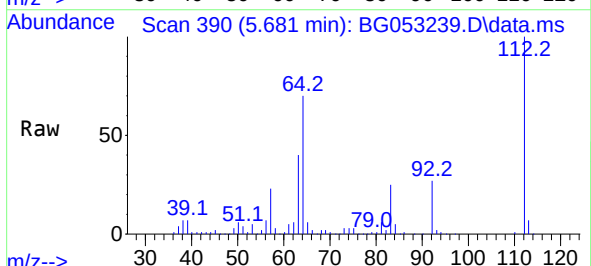


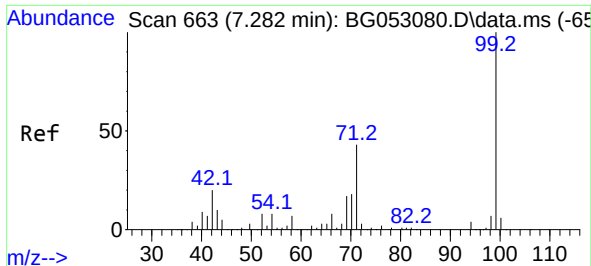
Tgt Ion:152 Resp: 30954
Ion Ratio Lower Upper
152 100
150 152.0 114.6 172.0
115 55.0 45.9 68.9



#5
2-Fluorophenol
Concen: 123.439 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion:112 Resp: 222901
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 39.9 26.5 39.7#

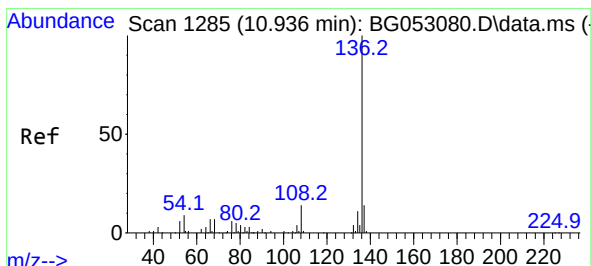
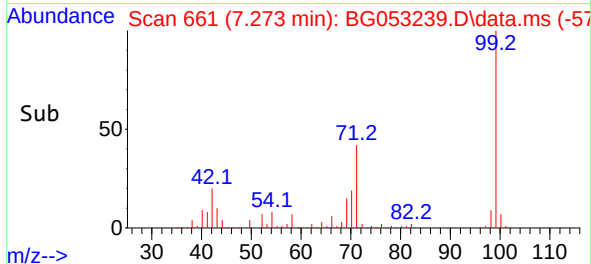
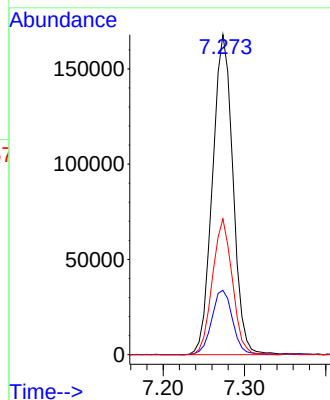
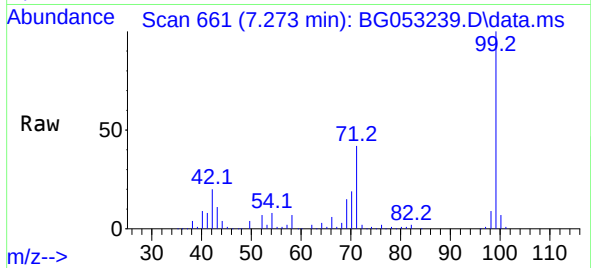




#7
Phenol-d6
Concen: 105.600 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

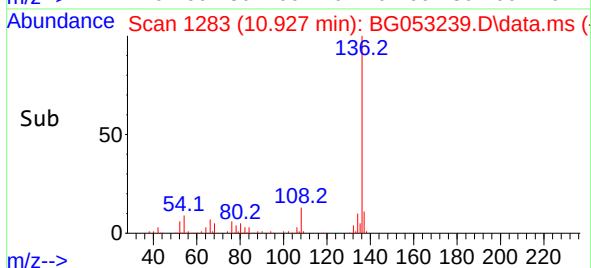
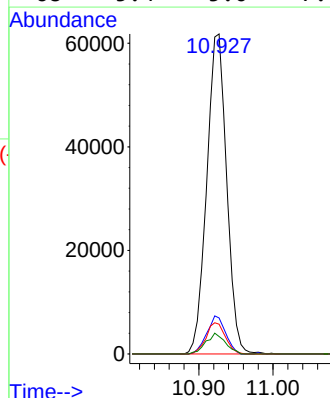
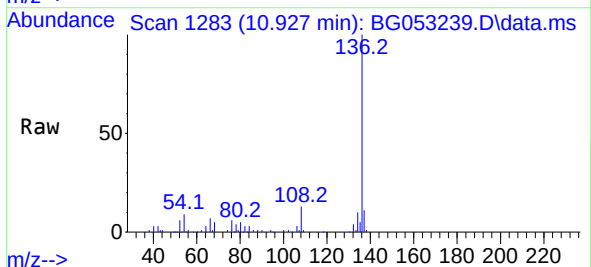
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

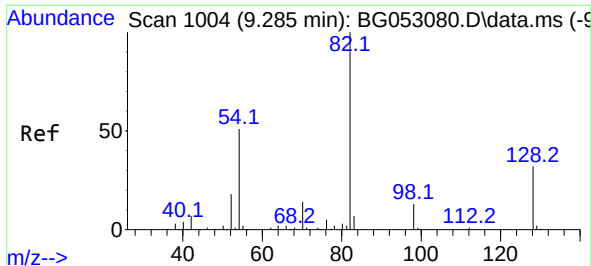
Tgt Ion: 99 Resp: 294060
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 42.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion: 136 Resp: 115210
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.3 6.4 9.6
68 5.4 5.0 7.6

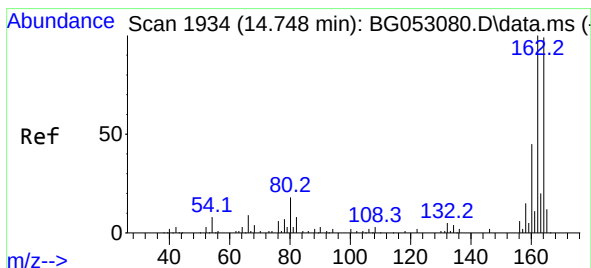
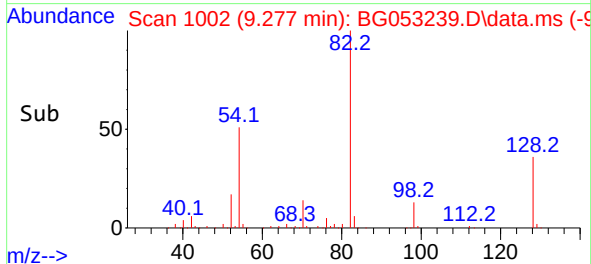
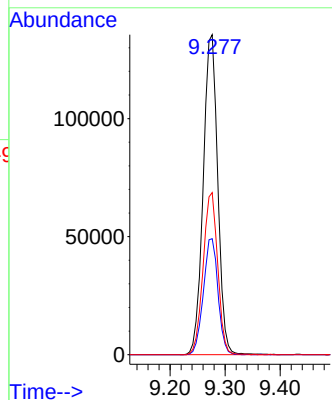
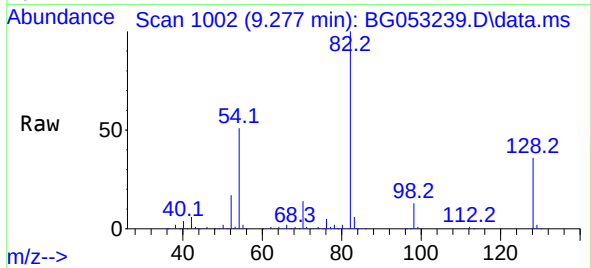




#23
Nitrobenzene-d5
Concen: 87.683 ng
RT: 9.277 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

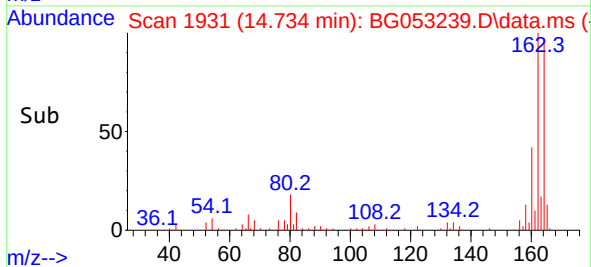
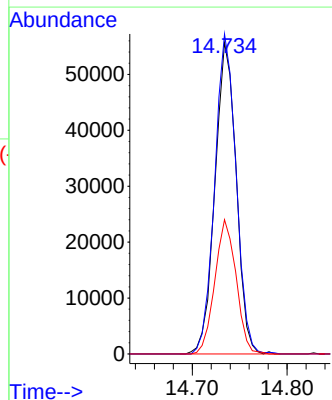
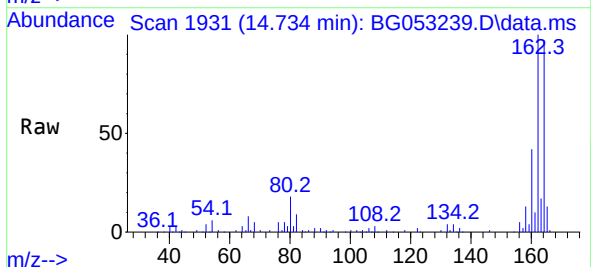
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

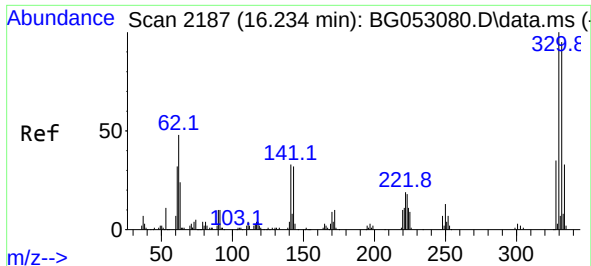
Tgt Ion: 82 Resp: 248795
Ion Ratio Lower Upper
82 100
128 36.2 31.3 46.9
54 50.7 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.014 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion:164 Resp: 86767
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 43.1 38.8 58.2

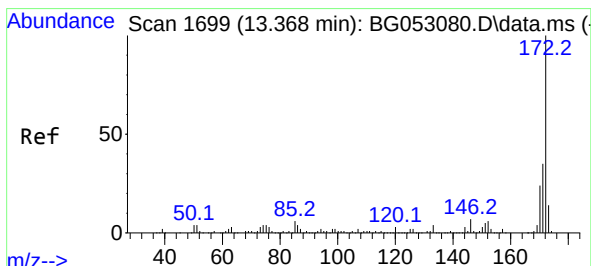
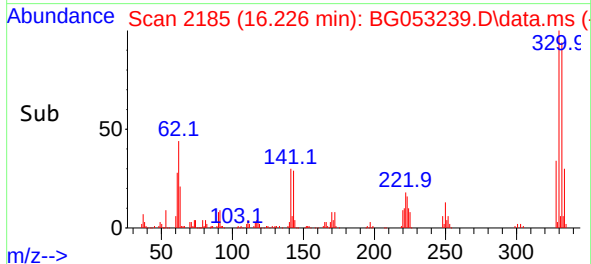
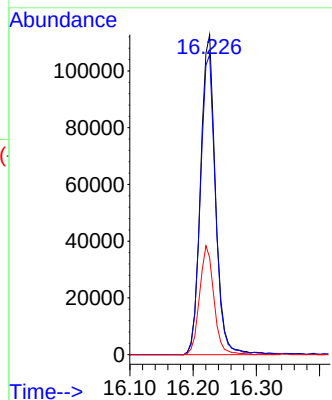
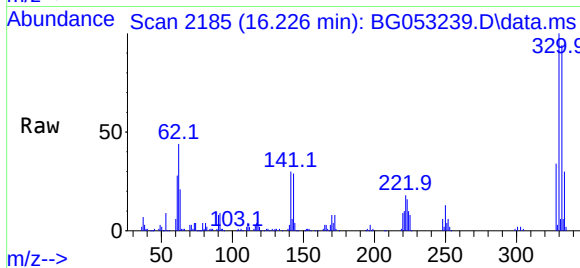




#42
2,4,6-Tribromophenol
Concen: 134.017 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

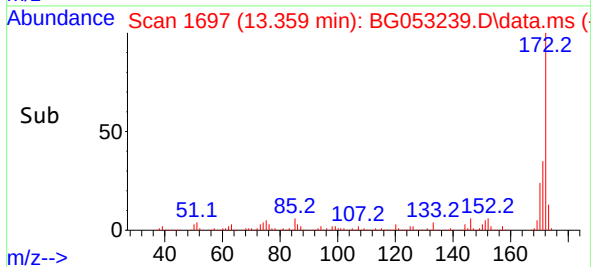
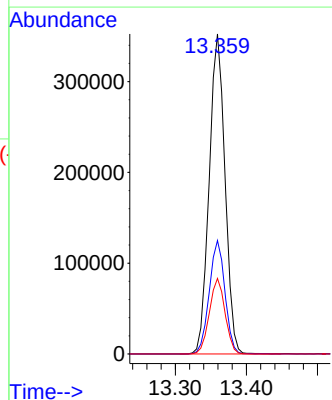
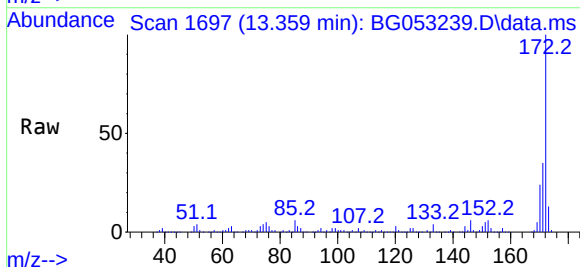
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

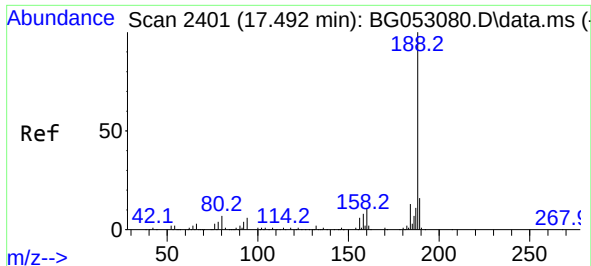
Tgt Ion:330 Resp: 185001
Ion Ratio Lower Upper
330 100
332 94.5 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 86.658 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion:172 Resp: 545289
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.6 18.0 27.0

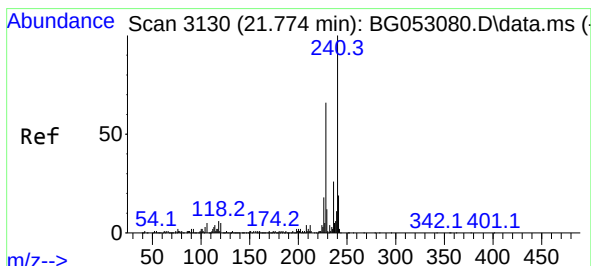
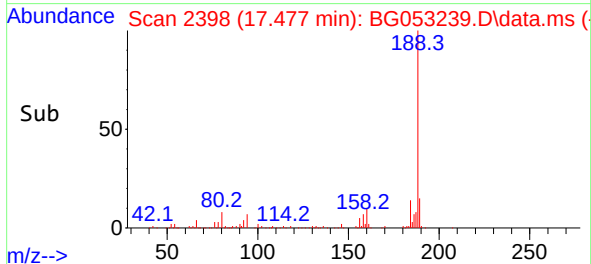
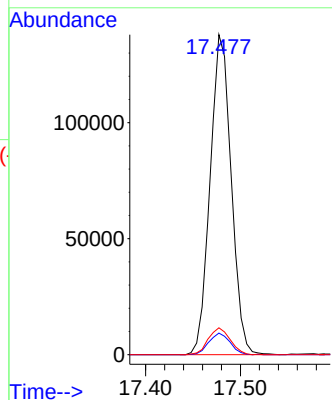
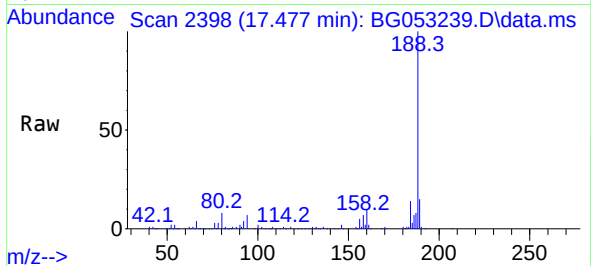




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

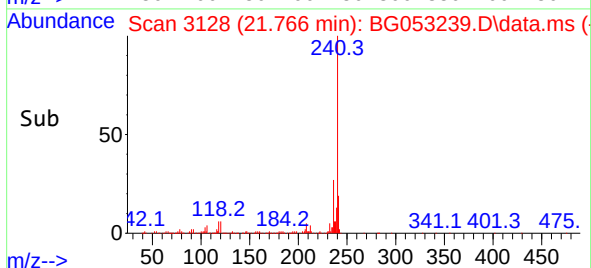
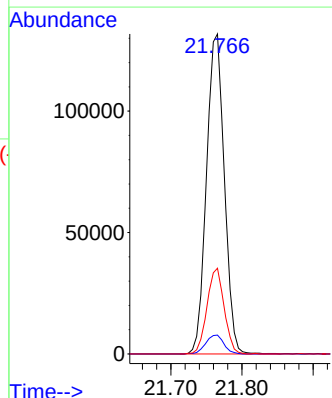
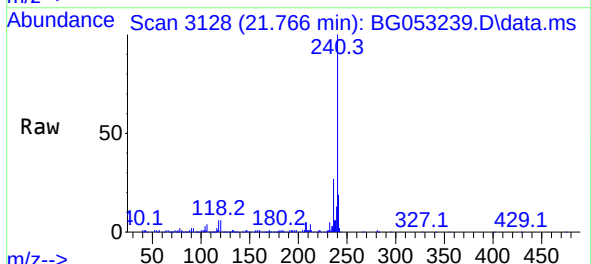
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

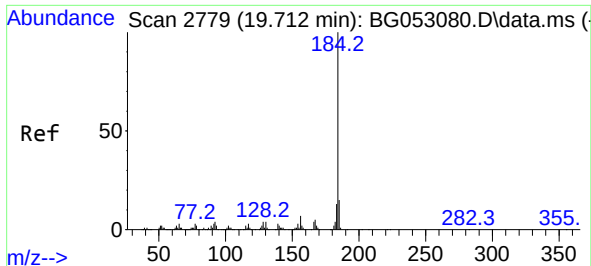
Tgt Ion:188 Resp: 213517
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion:240 Resp: 230117
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.8 19.8 29.6

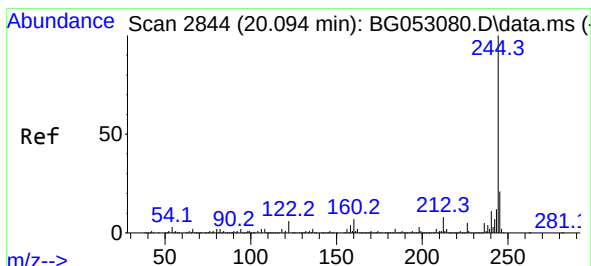
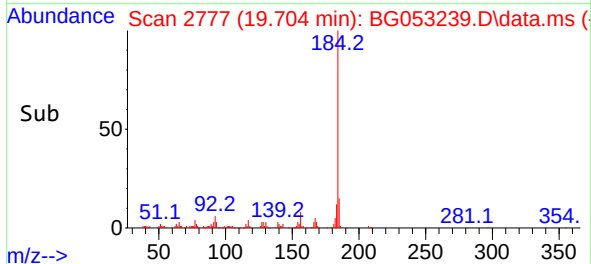
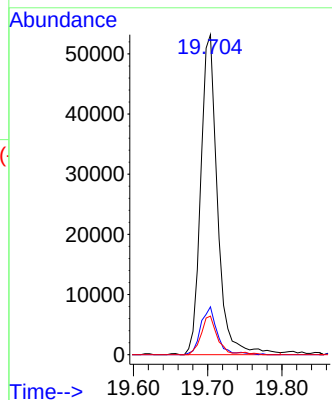
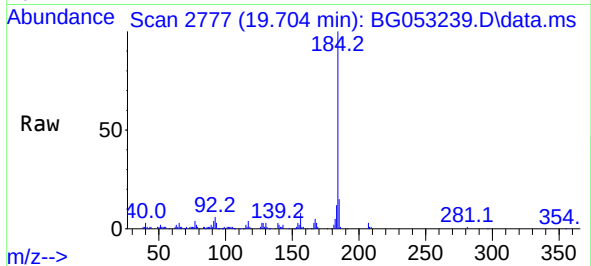




#77
Benzidine
Concen: 12.726 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

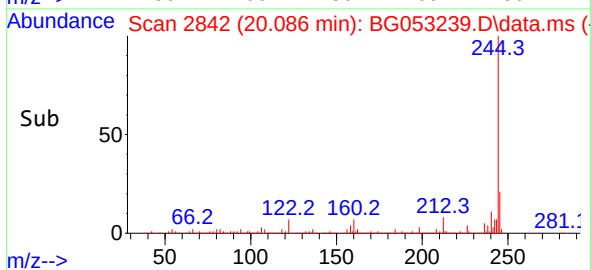
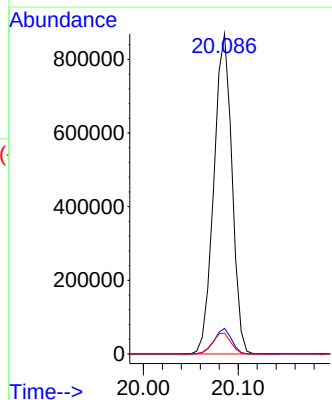
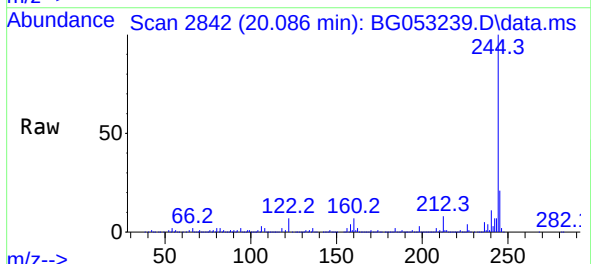
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RCA-EDISON-PILE-1

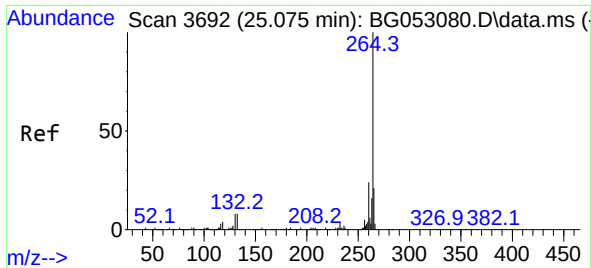
Tgt Ion:184 Resp: 83551
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 12.0 9.4 14.2



#79
Terphenyl-d14
Concen: 84.486 ng
RT: 20.086 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

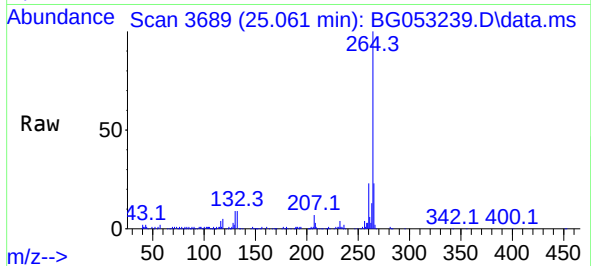
Tgt Ion:244 Resp: 1151139
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.061 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1



Tgt Ion:264 Resp: 224390
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 22.6 15.1 22.7

