

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)

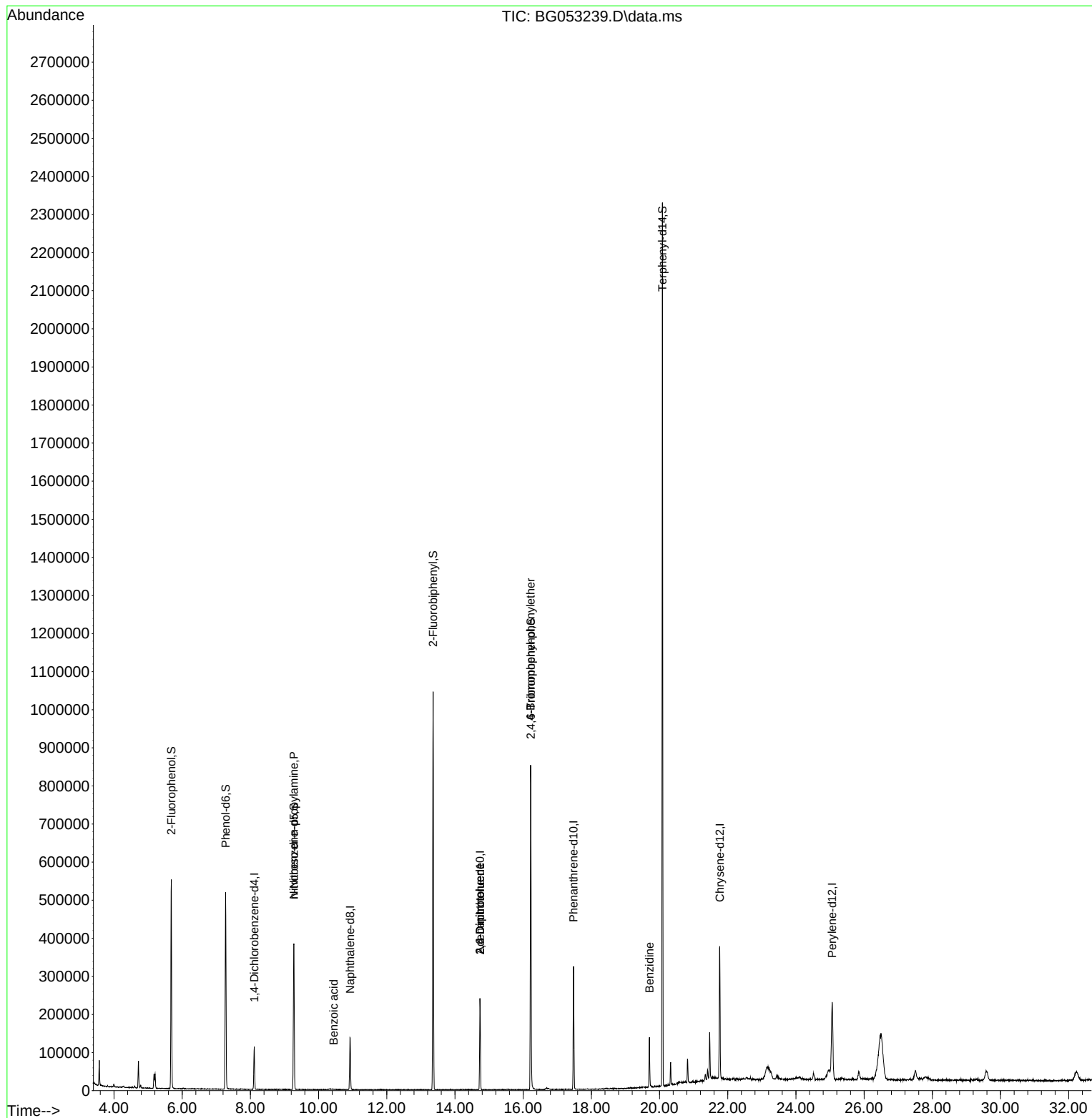
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	30954	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	115210	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	86767	20.000	ng	-0.01
64) Phenanthrene-d10	17.477	188	213517	20.000	ng	-0.01
76) Chrysene-d12	21.766	240	230117	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.277	70	35424	17.376	ng	Qvalue # 73
32) Benzoic acid	10.446	122	74	3.693	ng	95
51) 2,6-Dinitrotoluene	14.734	165	11524	7.960	ng	# 24
57) 2,4-Dinitrotoluene	14.734	165	11524	5.591	ng	# 22
67) 4-Bromophenyl-phenylether	16.220	248	12052	4.405	ng	# 1
77) Benzidine	19.704	184	83551	12.726	ng	99

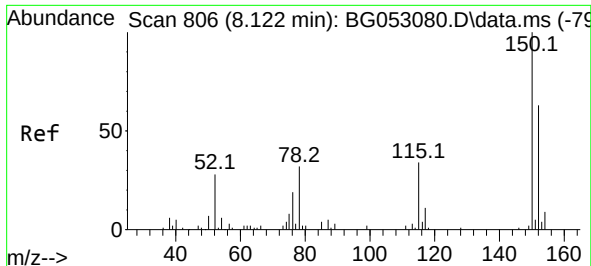
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

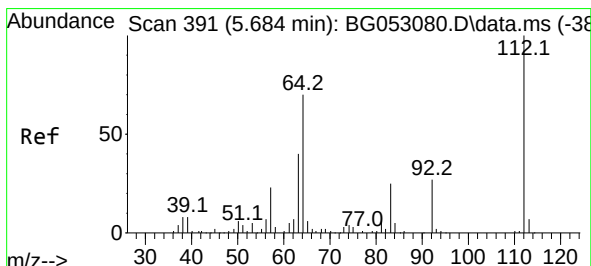
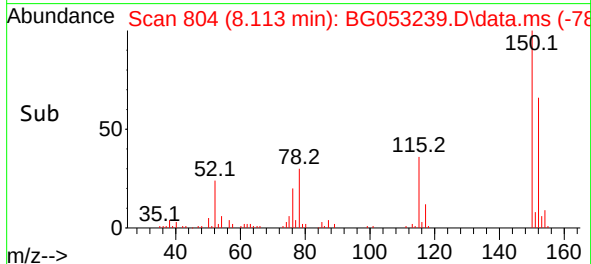
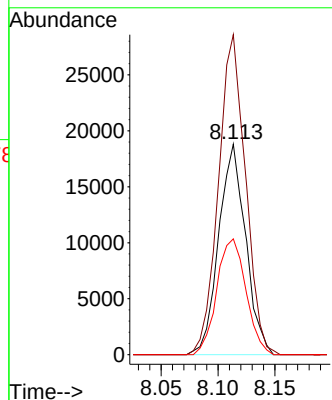
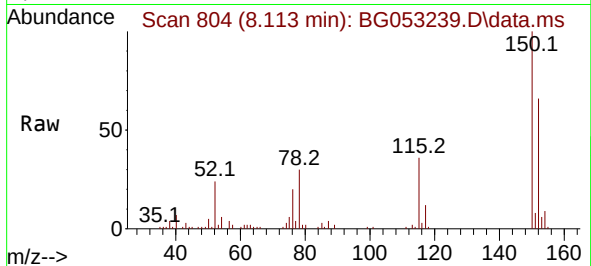




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

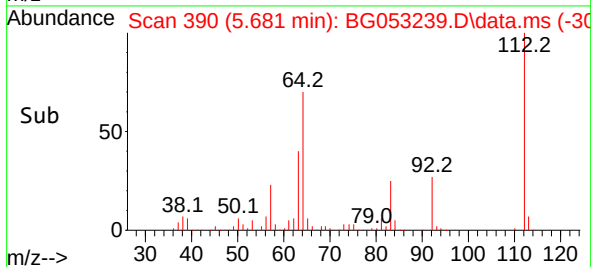
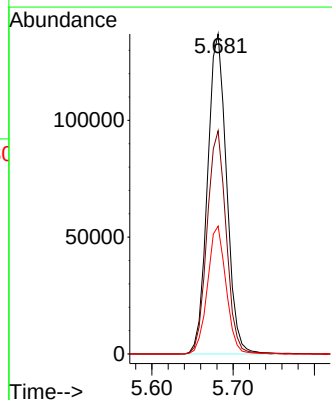
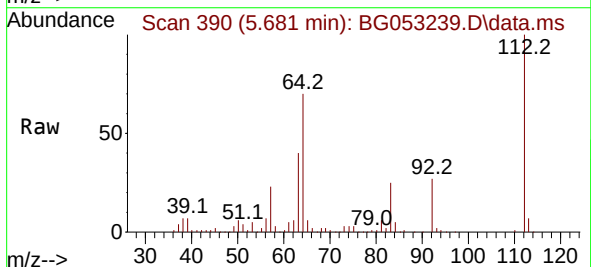
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

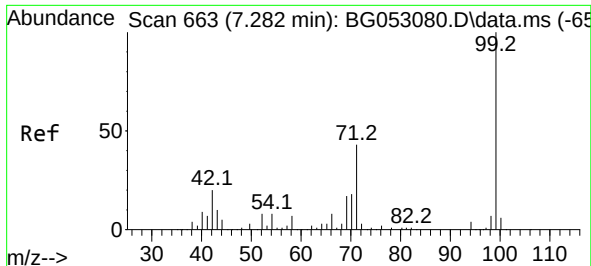
Tgt Ion:152 Resp: 30954
Ion Ratio Lower Upper
152 100
150 152.0 114.6 172.0
115 55.0 45.9 68.9



#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#

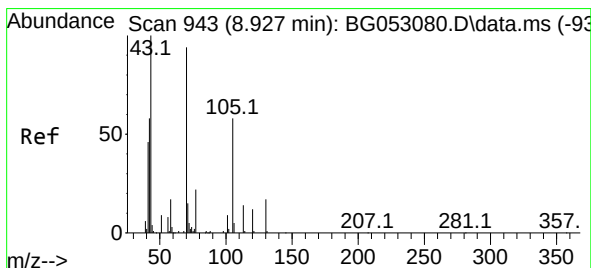
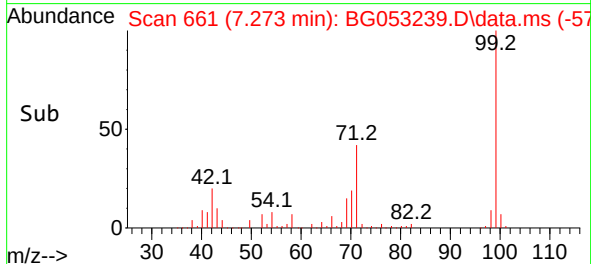
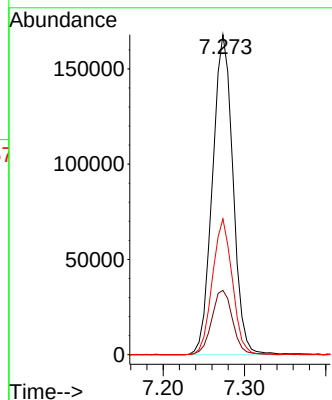
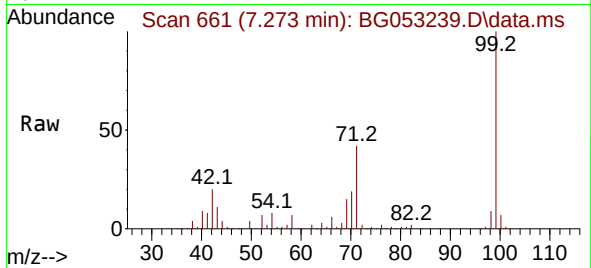




#7
Phenol-d6
Concen: 105.600 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

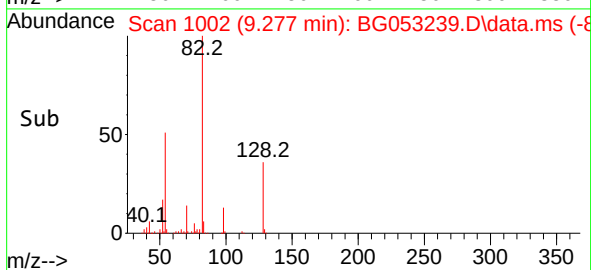
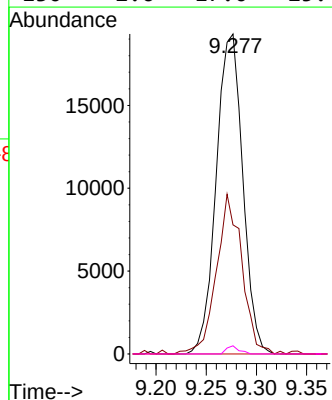
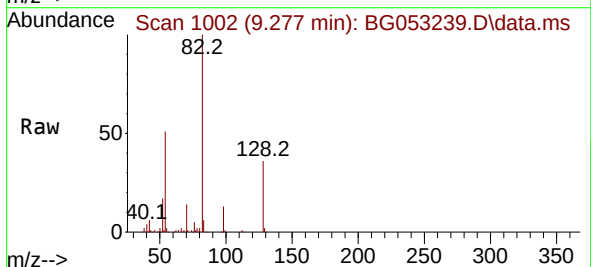
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

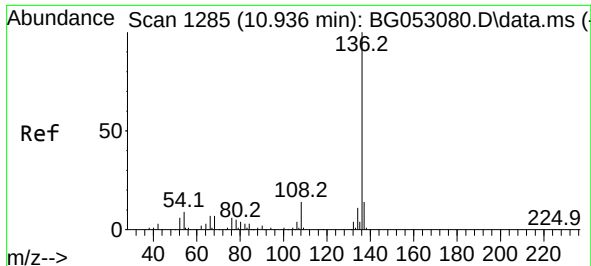
Tgt Ion: 99 Resp: 294060
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 42.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.376 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion: 70 Resp: 35424
Ion Ratio Lower Upper
70 100
42 40.3 46.0 69.0#
101 0.0 6.2 9.4#
130 2.6 17.0 25.4#



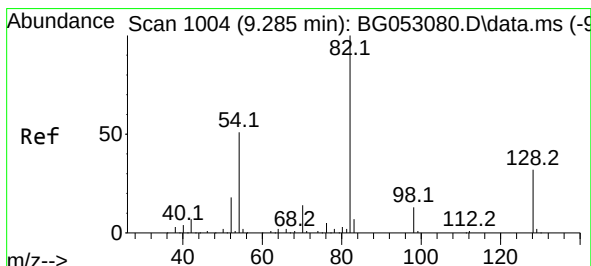
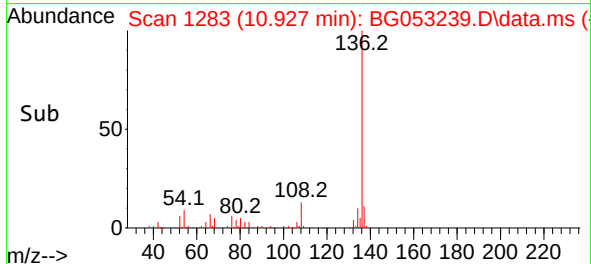
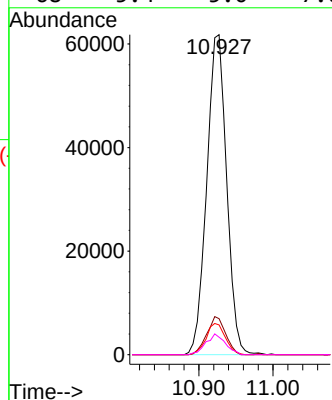
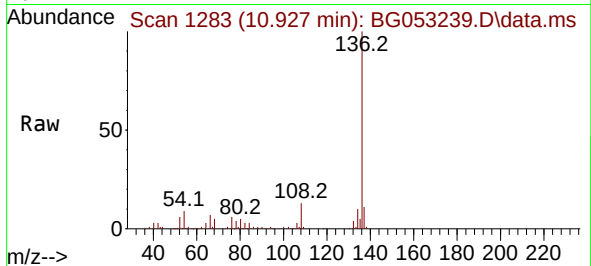


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

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

Tgt Ion:136 Resp: 115210

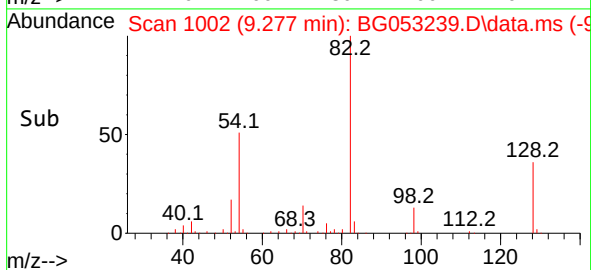
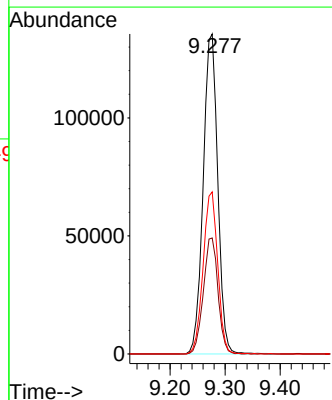
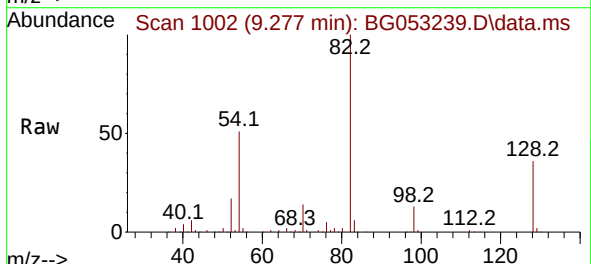
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.2
54	9.3	6.4	9.6
68	5.4	5.0	7.6

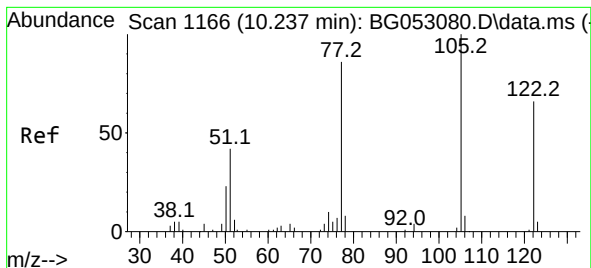


#23
Nitrobenzene-d5
Concen: 87.683 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

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





#32

Benzoic acid

Concen: 3.693 ng

RT: 10.446 min Scan# 1166

Delta R.T. 0.209 min

Lab File: BG053239.D

Acq: 21 Apr 2022 13:31

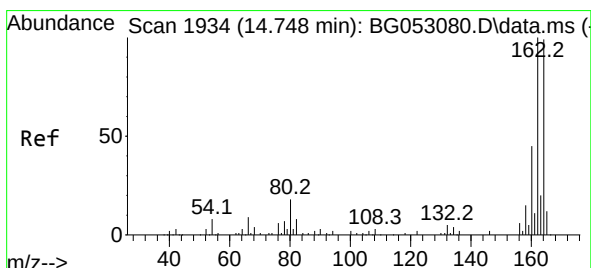
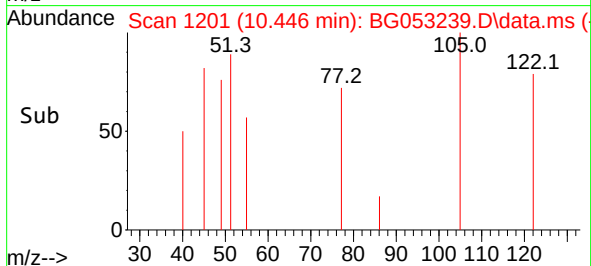
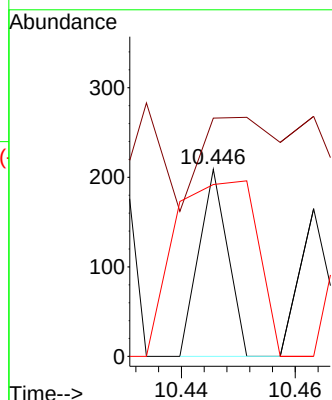
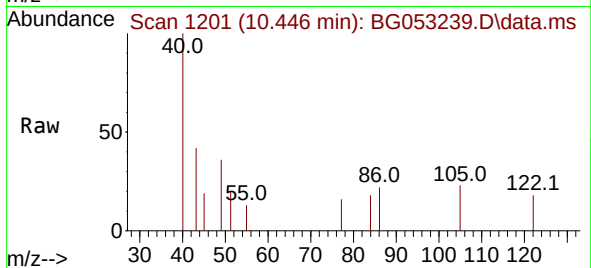
Instrument :

BNA_G

ClientSampleId :

RCA-EDISON-PILE-1

Tgt Ion:122	Resp:	74	
Ion	Ratio	Lower	Upper
122	100		
105	127.3	112.8	152.8
77	91.9	78.4	118.4



#39

Acenaphthene-d10

Concen: 20.000 ng

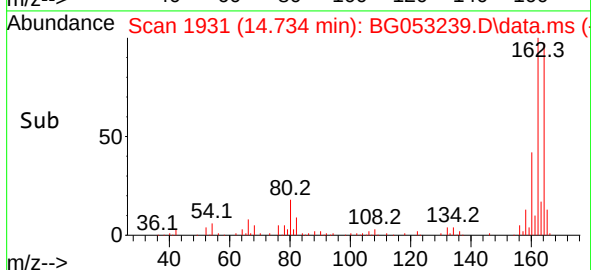
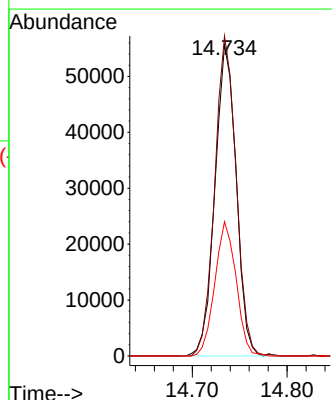
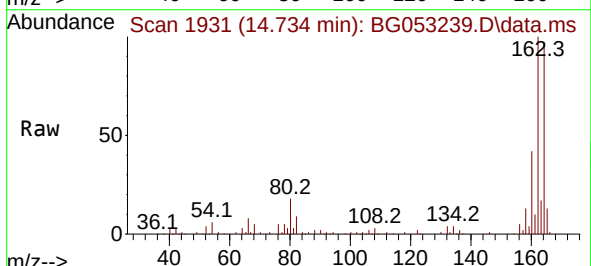
RT: 14.734 min Scan# 1931

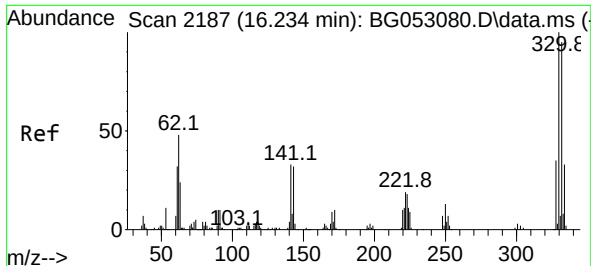
Delta R.T. -0.014 min

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

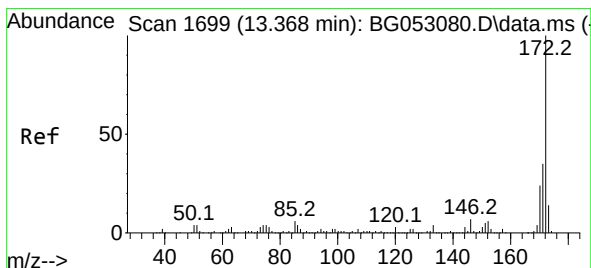
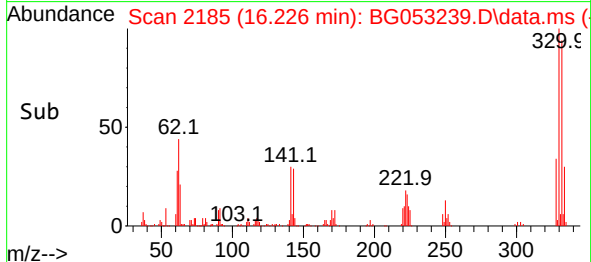
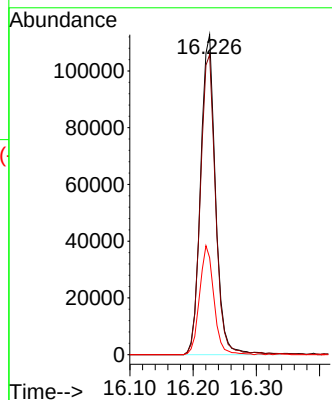
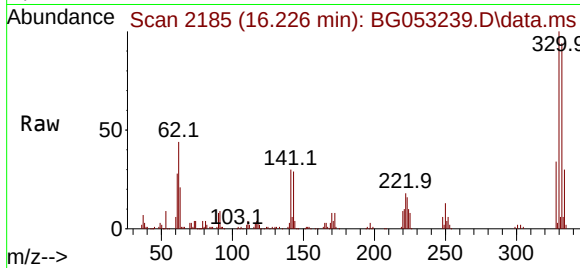




#42
 2,4,6-Tribromophenol
 Concen: 134.017 ng
 RT: 16.226 min Scan# 2185
 Delta R.T. -0.008 min
 Lab File: BG053239.D
 Acq: 21 Apr 2022 13:31

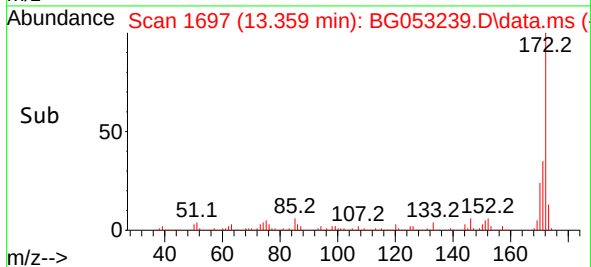
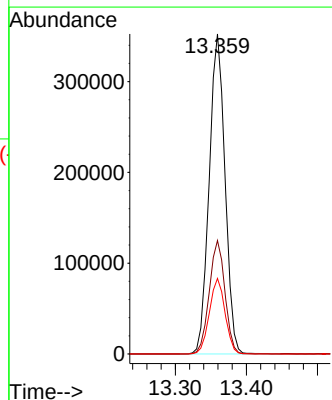
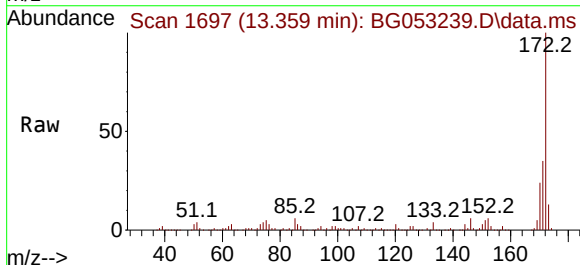
Instrument :
 BNA_G
 ClientSampleId :
 RCA-EDISON-PILE-1

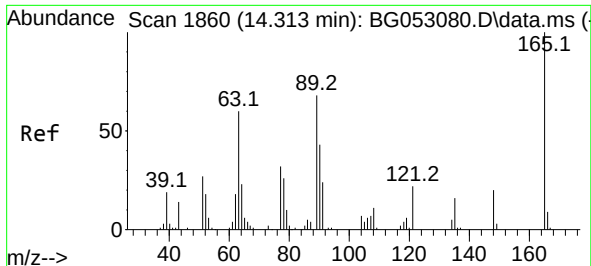
Tgt Ion:330 Resp: 185001
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.8 113.6
 141 32.7 24.6 36.8



#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





#51

2,6-Dinitrotoluene

Concen: 7.960 ng

RT: 14.734 min Scan# 1931

Delta R.T. 0.420 min

Lab File: BG053239.D

Acq: 21 Apr 2022 13:31

Instrument :

BNA_G

ClientSampleId :

RCA-EDISON-PILE-1

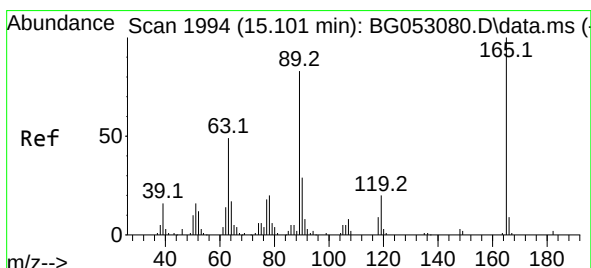
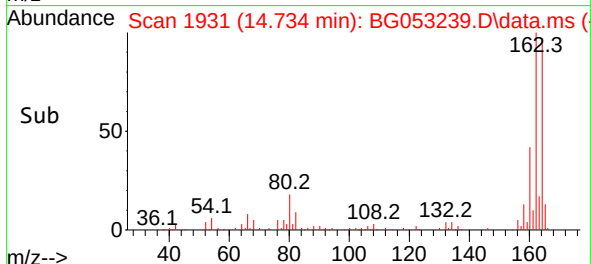
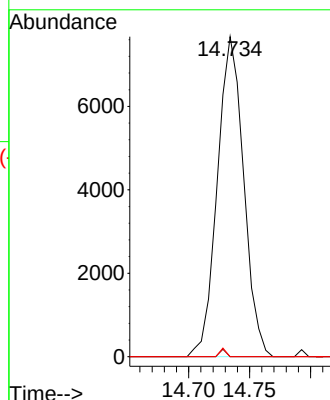
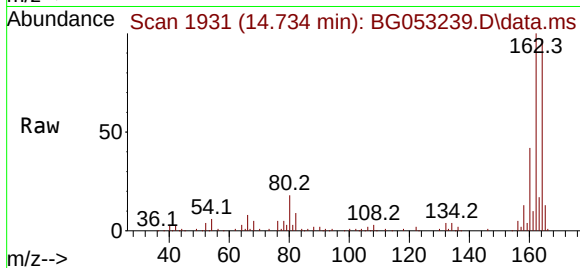
Tgt Ion:165 Resp: 11524

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#



#57

2,4-Dinitrotoluene

Concen: 5.591 ng

RT: 14.734 min Scan# 1931

Delta R.T. -0.367 min

Lab File: BG053239.D

Acq: 21 Apr 2022 13:31

Tgt Ion:165 Resp: 11524

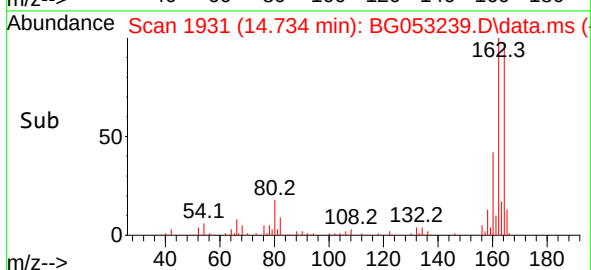
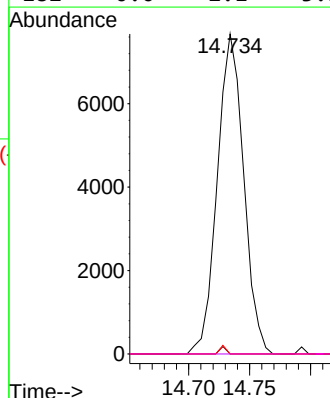
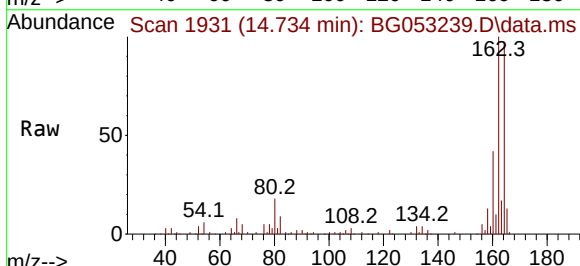
Ion Ratio Lower Upper

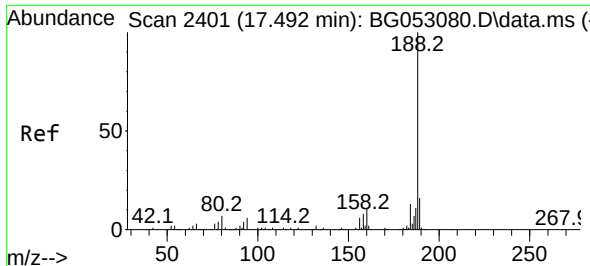
165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#

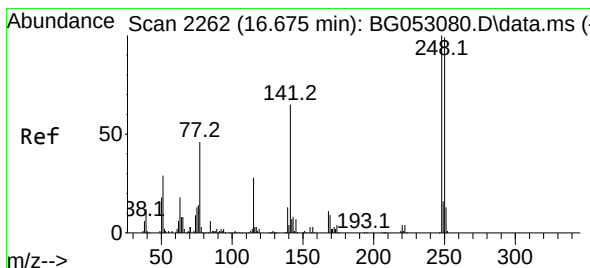
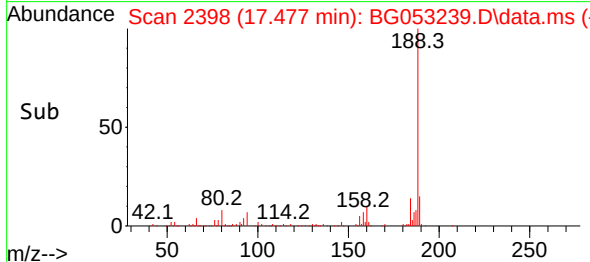
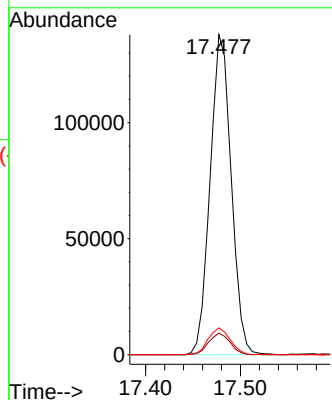
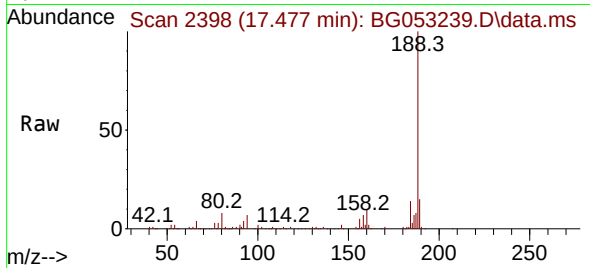




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2184
Delta R.T. -0.014 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

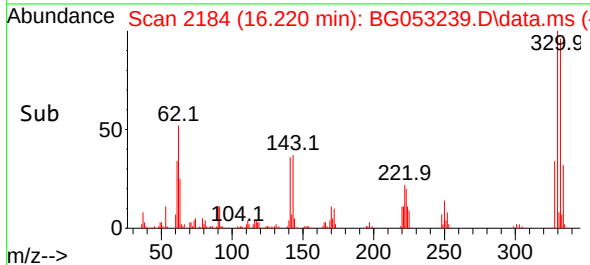
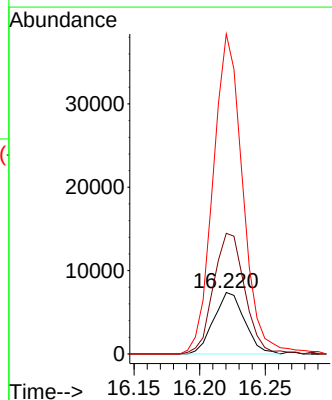
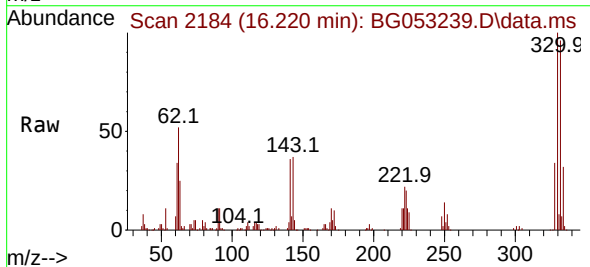
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

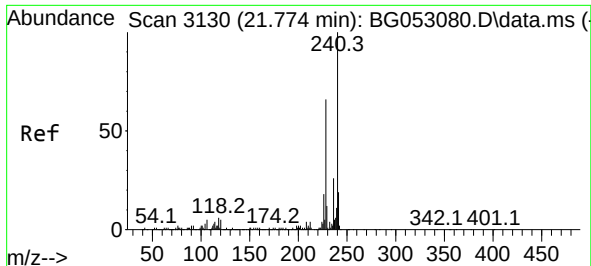
Tgt Ion:188 Resp: 213517
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.405 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.455 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

Tgt Ion:248 Resp: 12052
Ion Ratio Lower Upper
248 100
250 196.3 77.9 116.9#
141 520.9 49.2 73.8#

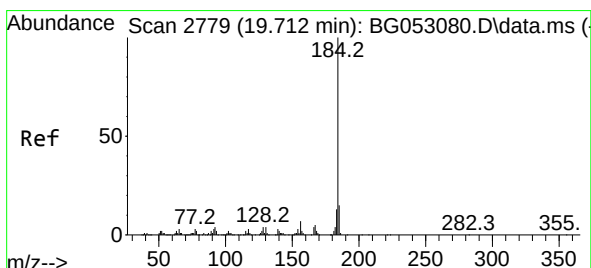
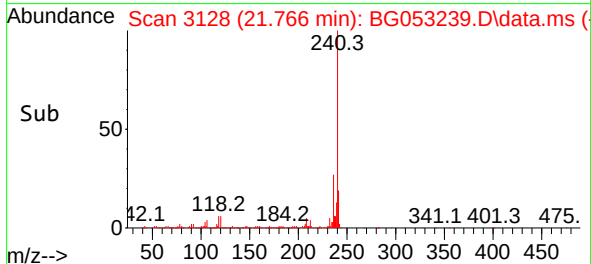
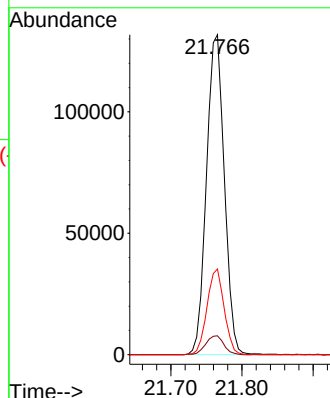
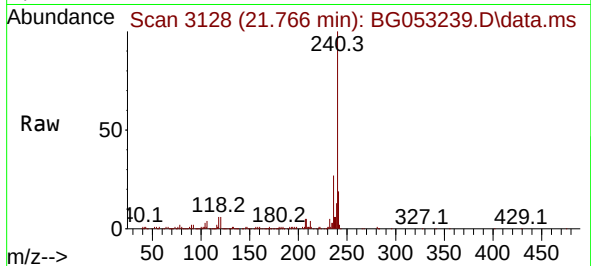




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

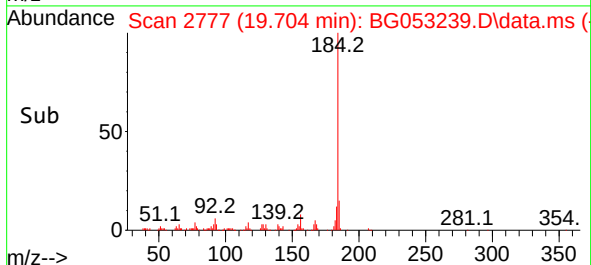
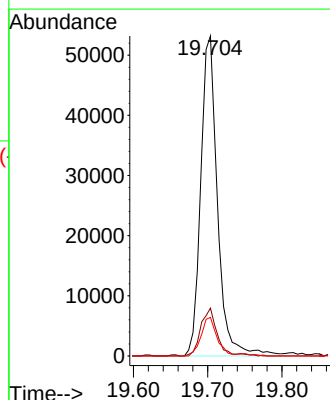
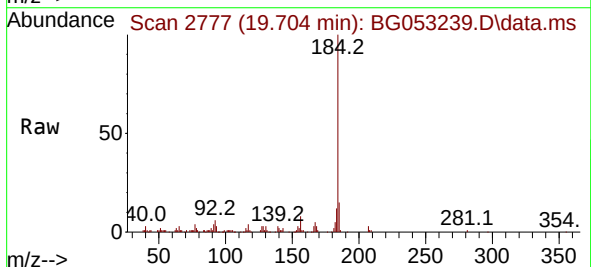
Instrument :
BNA_G
ClientSampleId :
RCA-EDISON-PILE-1

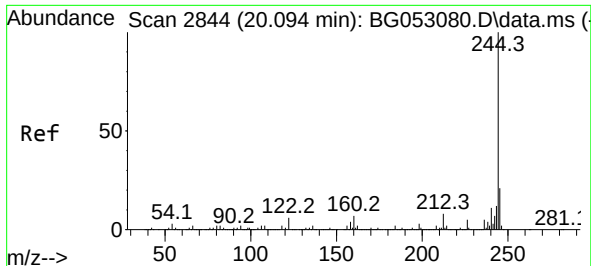
Tgt Ion:240 Resp: 230117
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.8 19.8 29.6



#77
Benzidine
Concen: 12.726 ng
RT: 19.704 min Scan# 2777
Delta R.T. -0.008 min
Lab File: BG053239.D
Acq: 21 Apr 2022 13:31

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

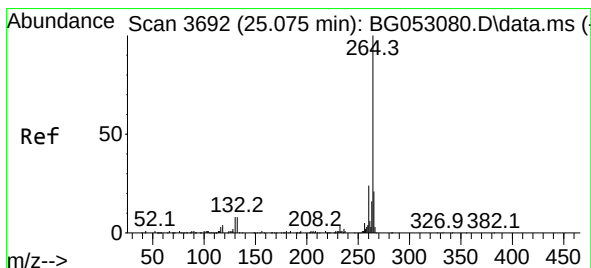
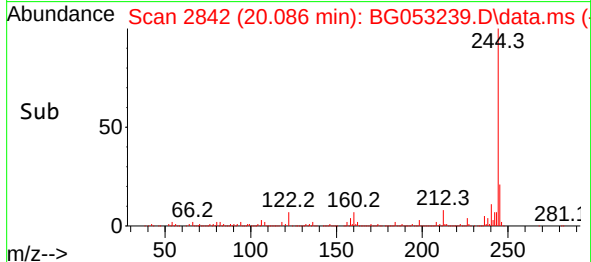
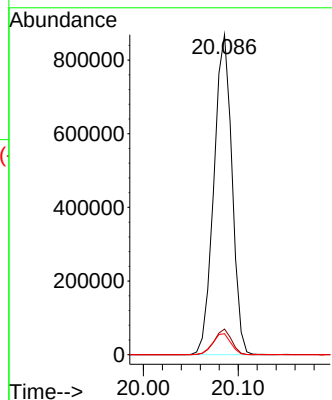
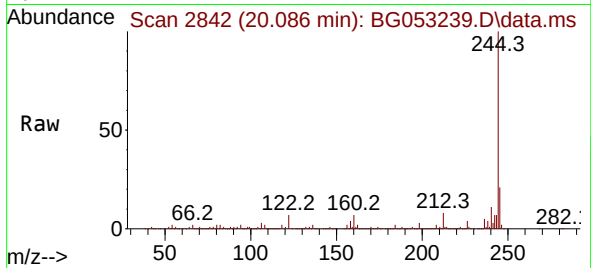




#79
 Terphenyl-d14
 Concen: 84.486 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053239.D
 Acq: 21 Apr 2022 13:31

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

Tgt Ion: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# 3689
 Delta R.T. -0.014 min
 Lab File: BG053239.D
 Acq: 21 Apr 2022 13:31

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

