

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056549.D
 Acq On : 3 Feb 2023 21:58
 Operator : CG/JU
 Sample : 01401-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Quant Time: Feb 04 05:14:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

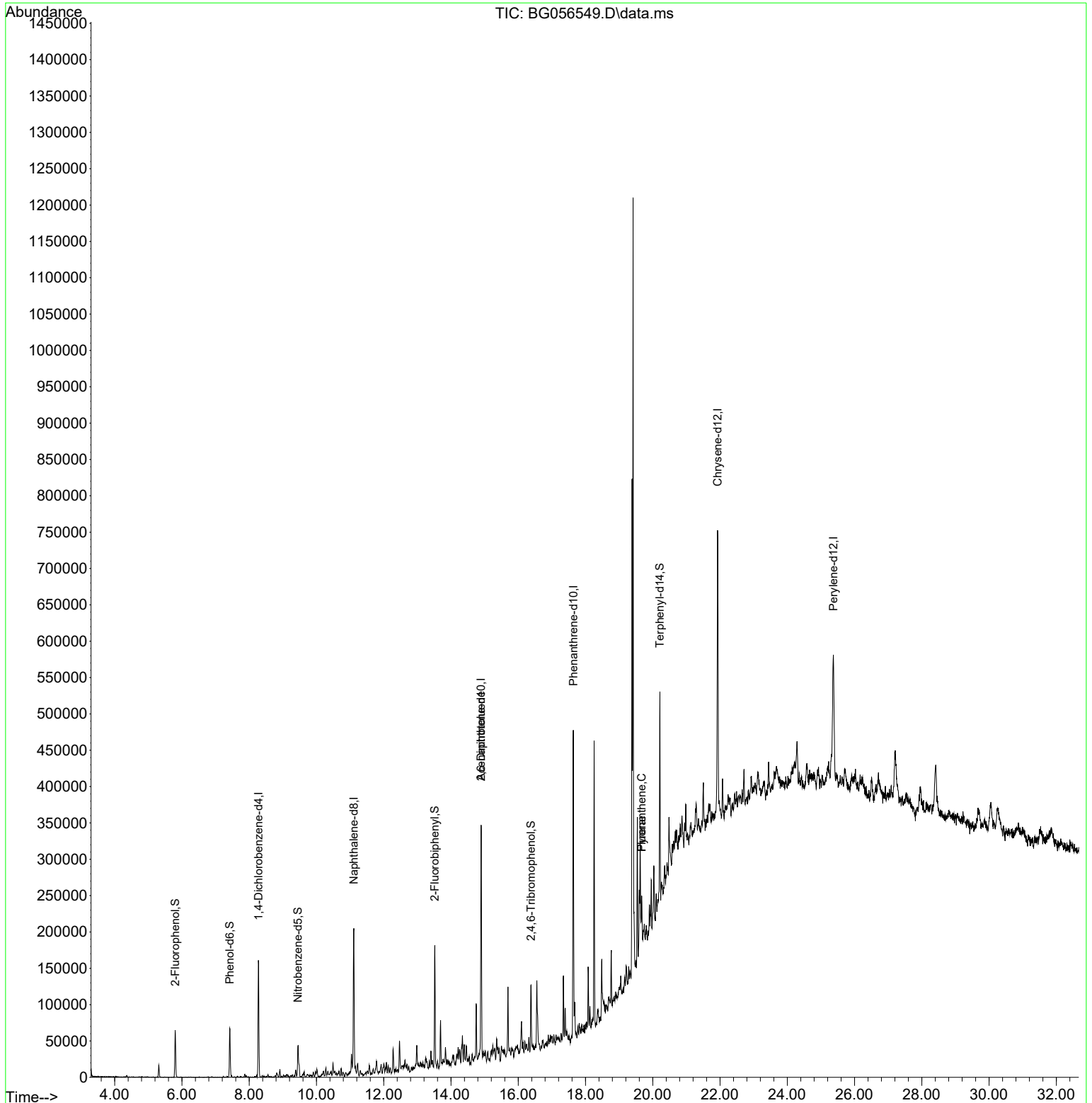
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	55313	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	192257	20.000	ng	0.00
39) Acenaphthene-d10	14.894	164	127368	20.000	ng	0.00
64) Phenanthrene-d10	17.638	188	282792	20.000	ng	0.00
76) Chrysene-d12	21.927	240	273006	20.000	ng	0.00
86) Perylene-d12	25.370	264	261119	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	41100	13.669	ng	0.00
7) Phenol-d6	7.421	99	55110	12.370	ng	0.00
23) Nitrobenzene-d5	9.448	82	31235	9.226	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	20687	12.217	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	94624	10.300	ng	0.00
79) Terphenyl-d14	20.212	244	150358	9.673	ng	0.00
Target Compounds						
9) Benzaldehyde	7.403	77	60	Below Cal	#	7
51) 2,6-Dinitrotoluene	14.894	165	17389	7.738	ng	# 37
75) Fluoranthene	19.671	202	39919	2.137	ng	97
78) Pyrene	19.671	202	39919	2.056	ng	96

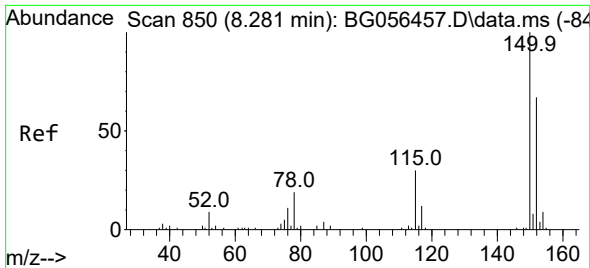
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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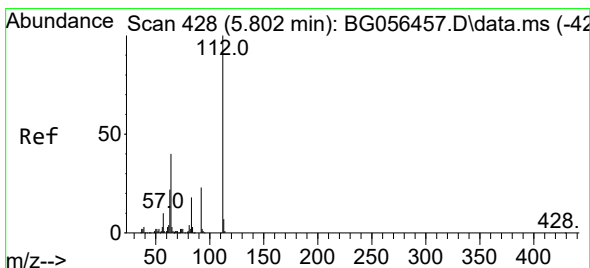
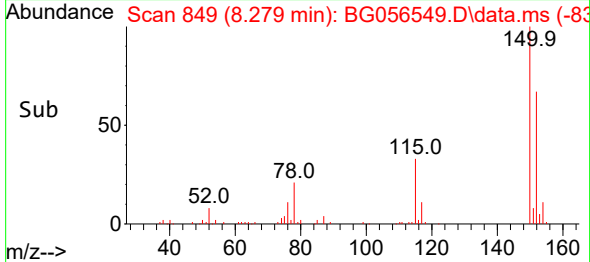
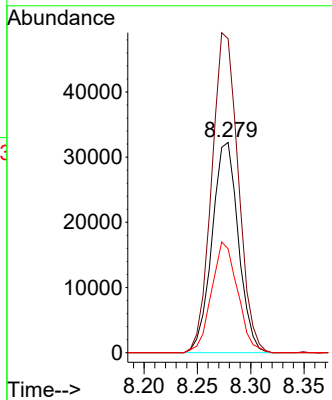
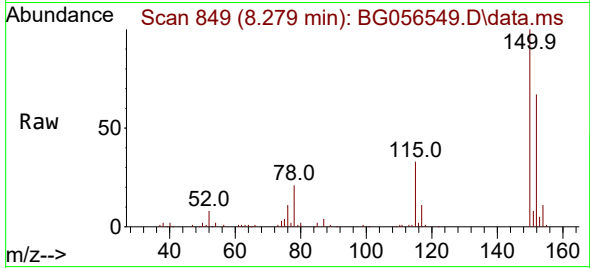




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.279 min Scan# 849
 Delta R.T. 0.004 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

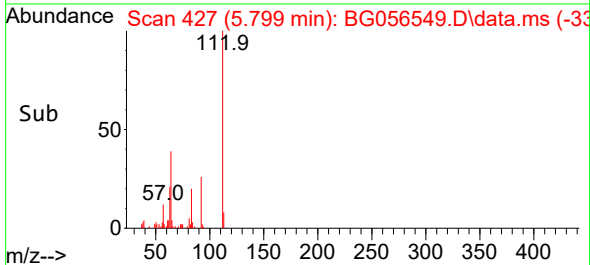
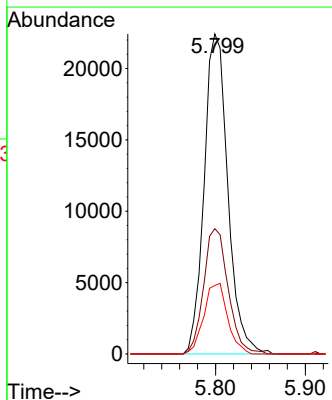
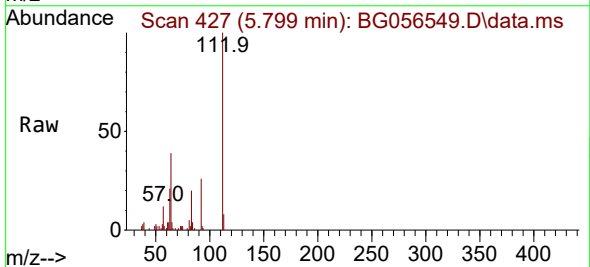
Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

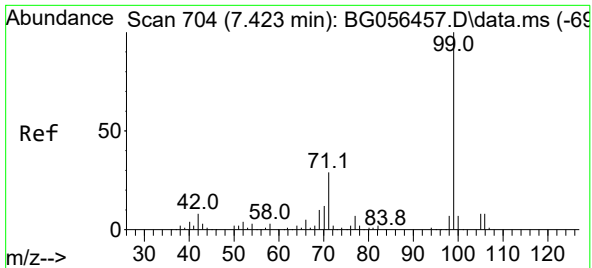
Tgt Ion:152 Resp: 55313
 Ion Ratio Lower Upper
 152 100
 150 149.3 120.2 180.4
 115 49.4 36.3 54.5



#5
 2-Fluorophenol
 Concen: 13.669 ng
 RT: 5.799 min Scan# 427
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion:112 Resp: 41100
 Ion Ratio Lower Upper
 112 100
 64 39.2 31.9 47.9
 63 21.4 17.4 26.0

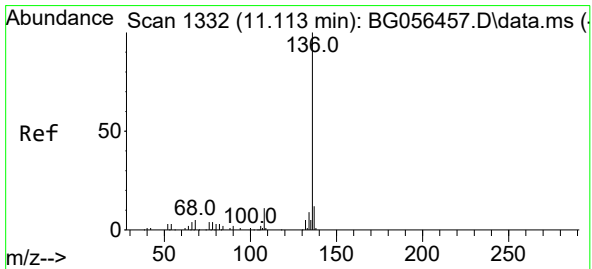
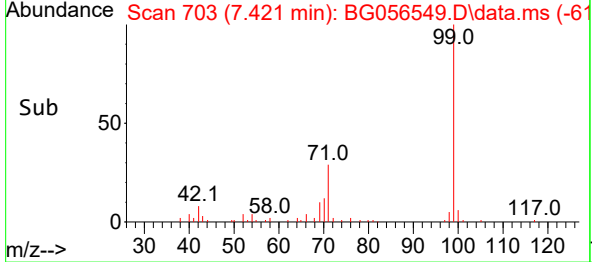
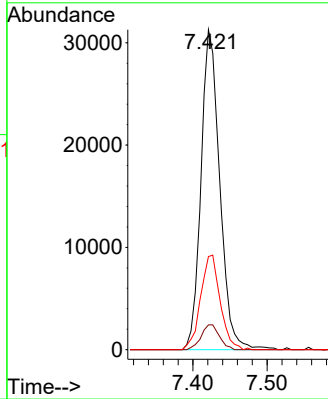
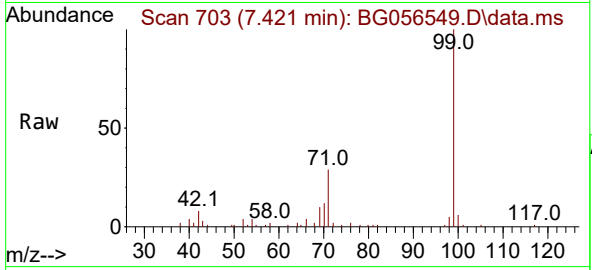




#7
 Phenol-d6
 Concen: 12.370 ng
 RT: 7.421 min Scan# 704
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

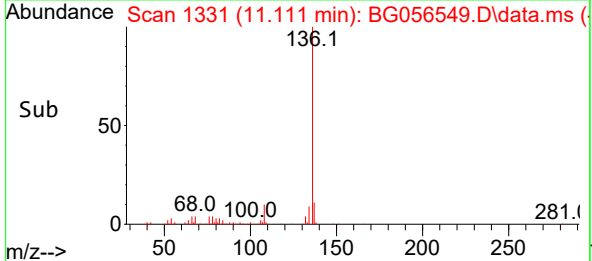
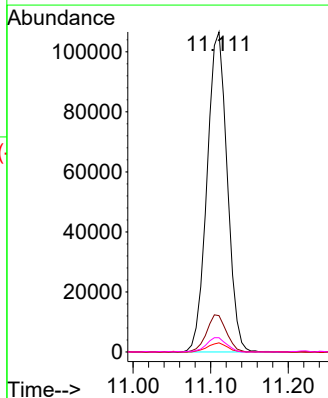
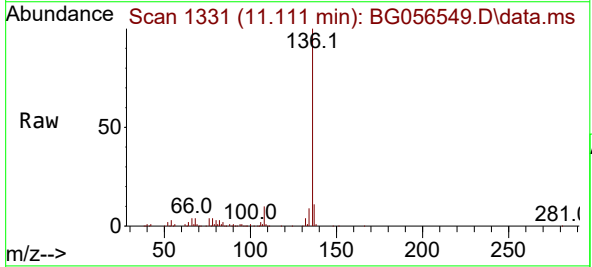
Instrument : BNA_G
 ClientSampleId : OK-1-212023

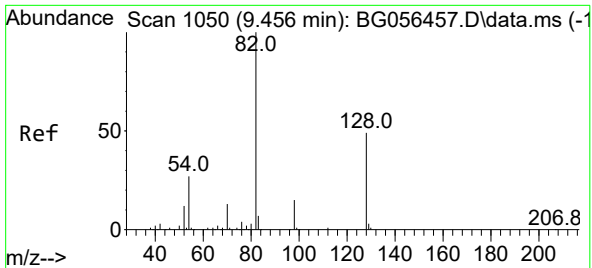
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	55110	100		
42		7.8	6.6	10.0
71		29.1	23.4	35.0



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.111 min Scan# 1331
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion	Resp	Ion Ratio	Lower	Upper
136	192257	100		
137		11.3	9.4	14.0
54		2.8	2.2	3.4
68		4.4	3.6	5.4





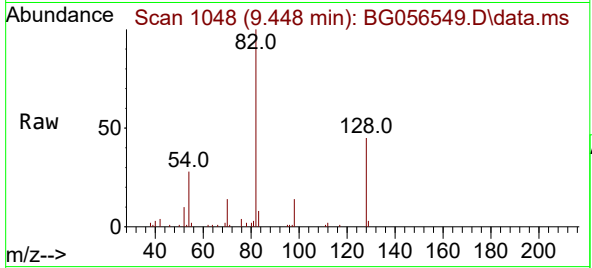
#23
 Nitrobenzene-d5
 Concen: 9.226 ng
 RT: 9.448 min Scan# 1048
 Delta R.T. -0.009 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Instrument :

BNA_G

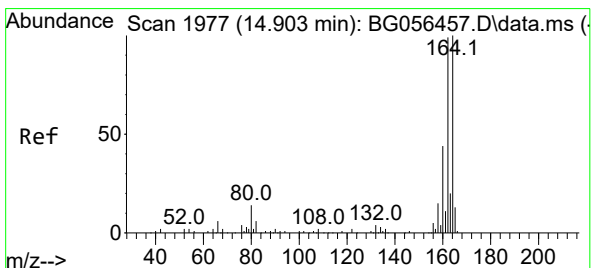
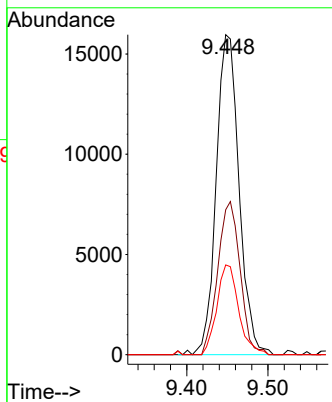
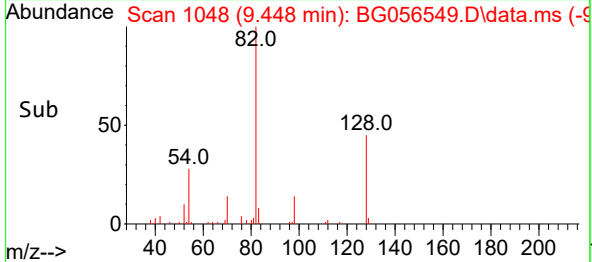
ClientSampleId :

OK-1-212023

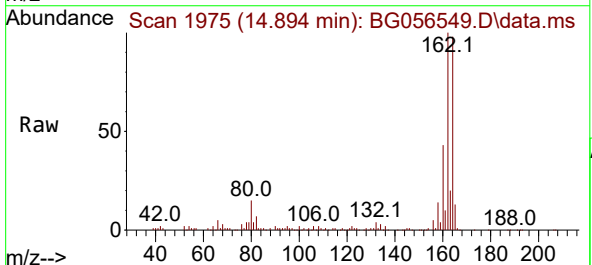


Tgt Ion: 82 Resp: 31235

Ion	Ratio	Lower	Upper
82	100		
128	45.3	39.4	59.2
54	28.1	21.4	32.2

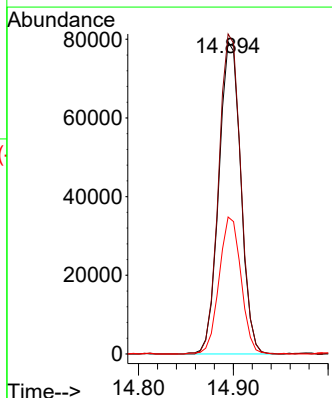
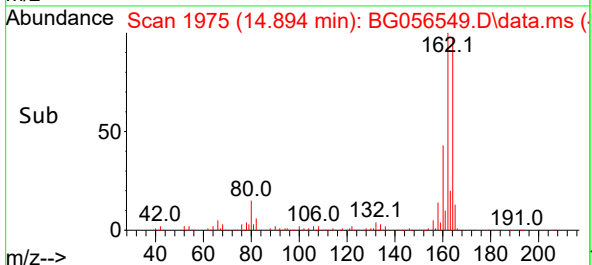


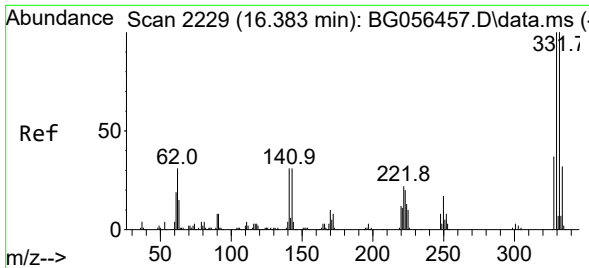
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.894 min Scan# 1975
 Delta R.T. -0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58



Tgt Ion: 164 Resp: 127368

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.6	119.4
160	43.9	34.9	52.3

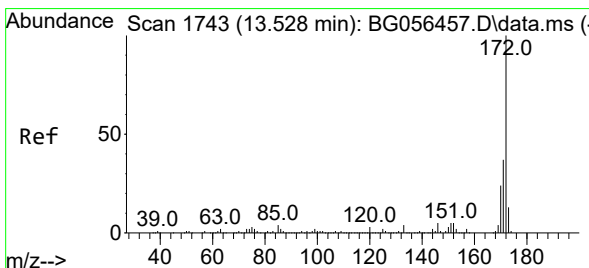
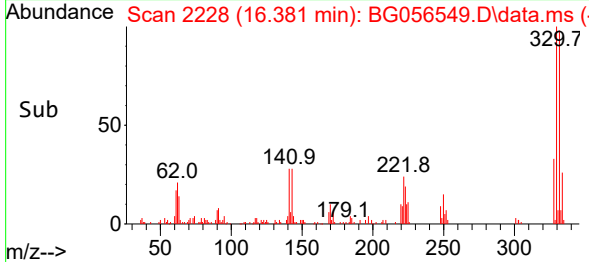
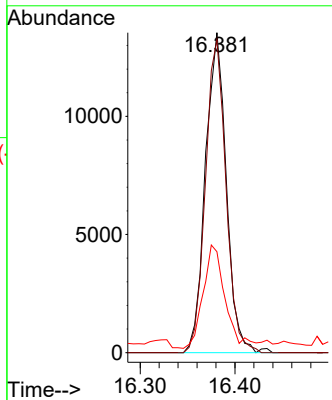
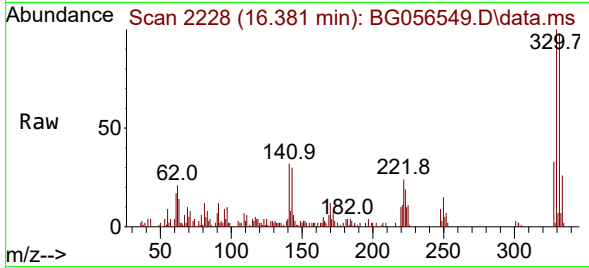




#42
 2,4,6-Tribromophenol
 Concen: 12.217 ng
 RT: 16.381 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

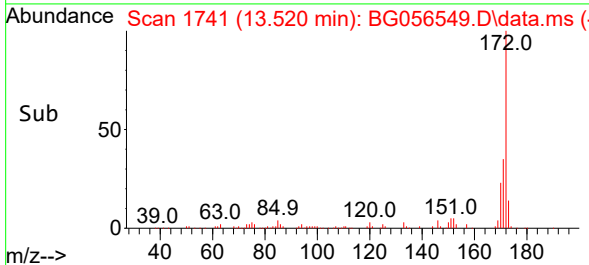
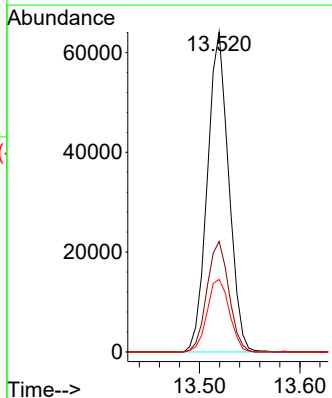
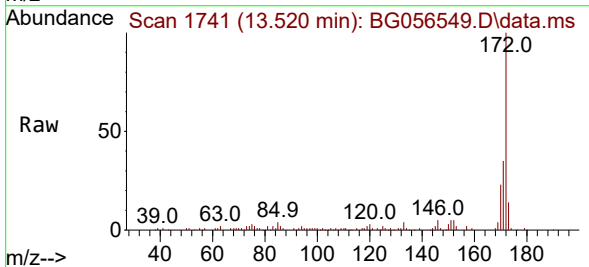
Instrument :
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 ClientSampleId :
 OK-1-212023

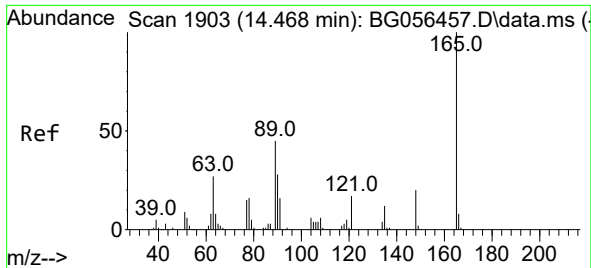
Tgt Ion:330 Resp: 20687
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.6
 141 34.2 24.2 36.4



#45
 2-Fluorobiphenyl
 Concen: 10.300 ng
 RT: 13.520 min Scan# 1741
 Delta R.T. -0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion:172 Resp: 94624
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.5 44.3
 170 22.6 19.2 28.8





#51
 2,6-Dinitrotoluene
 Concen: 7.738 ng
 RT: 14.894 min Scan# 14
 Delta R.T. 0.426 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

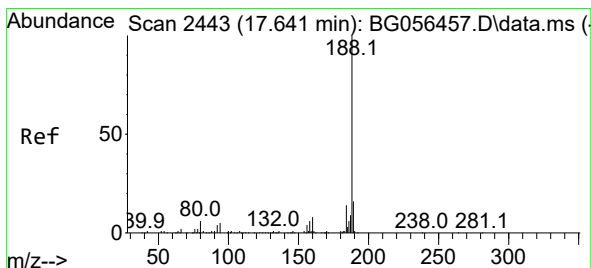
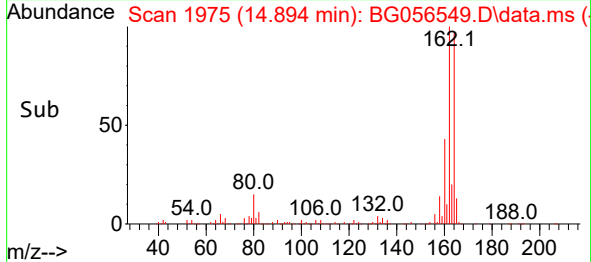
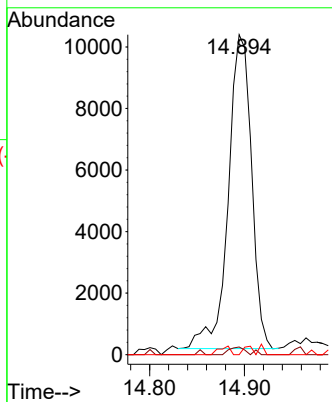
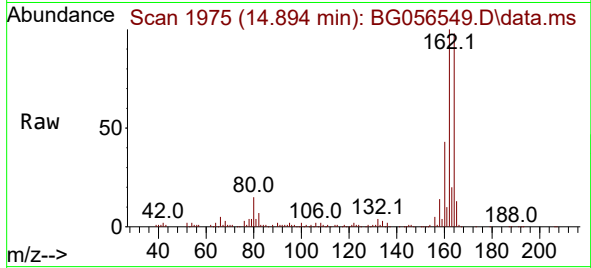
Instrument :

BNA_G

ClientSampleId :

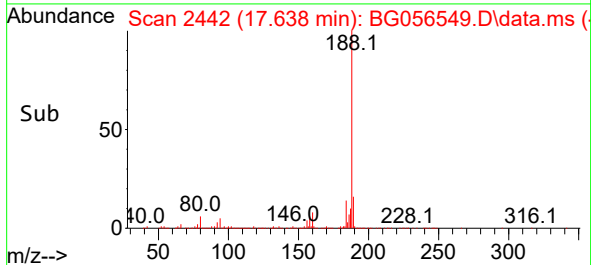
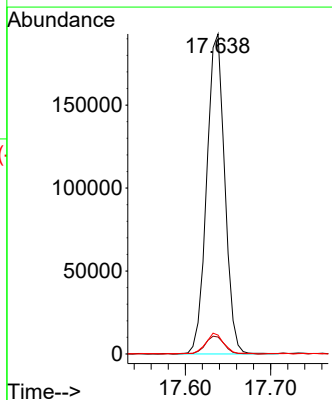
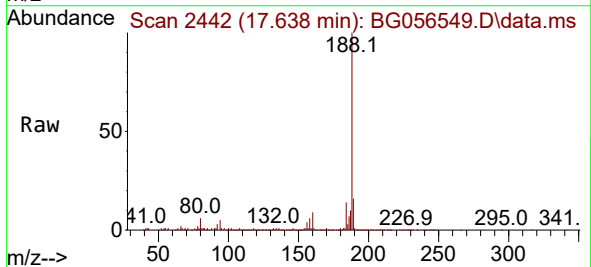
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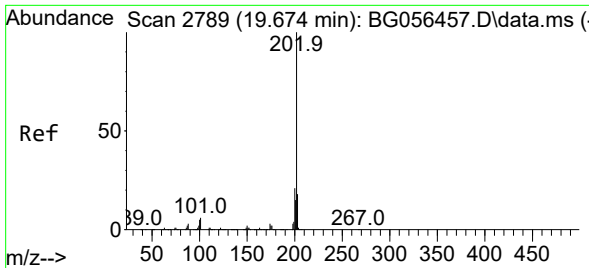
Tgt Ion:165 Resp: 17389
 Ion Ratio Lower Upper
 165 100
 63 2.4 26.9 40.3#
 89 0.0 35.6 53.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.638 min Scan# 2442
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion:188 Resp: 282792
 Ion Ratio Lower Upper
 188 100
 94 5.3 4.1 6.1
 80 5.9 5.0 7.4



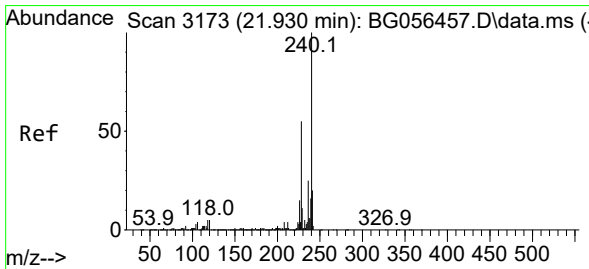
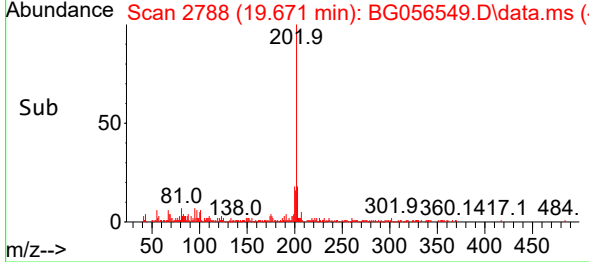
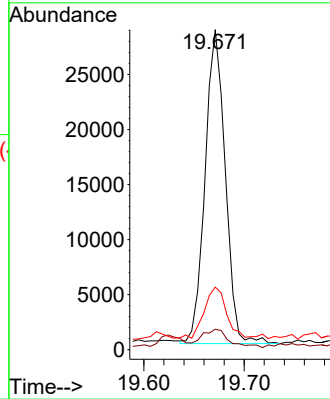
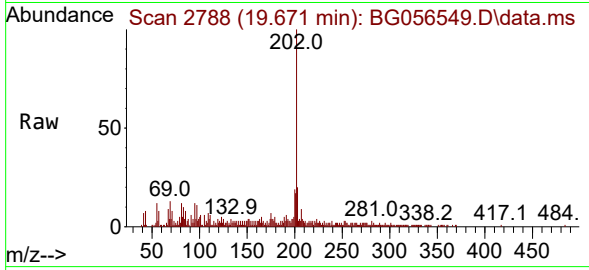


#75
 Fluoranthene
 Concen: 2.137 ng
 RT: 19.671 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Tgt Ion:202 Resp: 39919

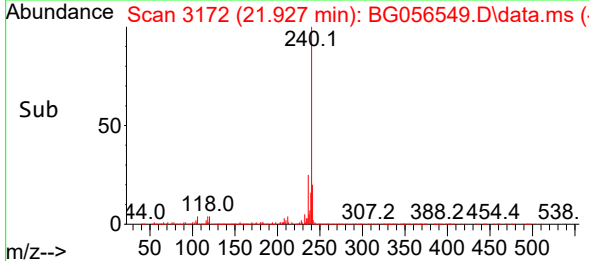
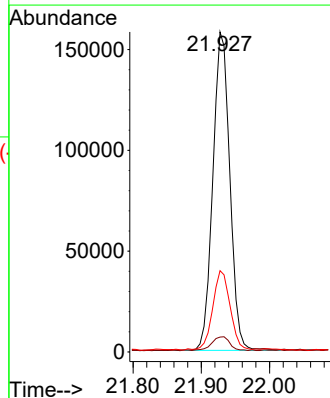
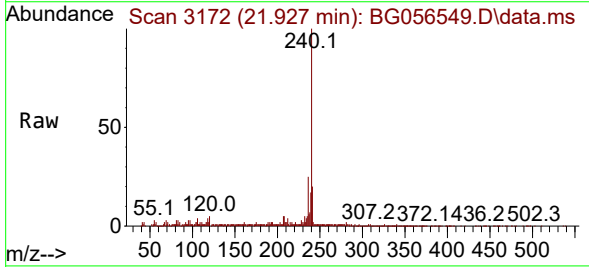
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	25.6
203	19.6	0.0	38.1

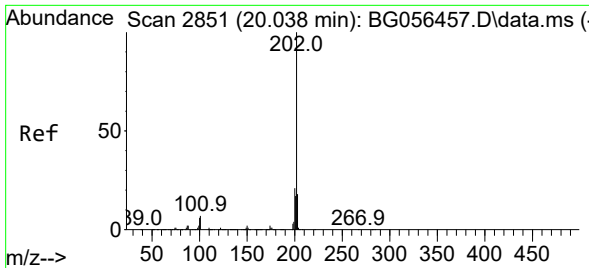


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.927 min Scan# 3172
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion:240 Resp: 273006

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.8	5.8
236	25.4	20.2	30.2

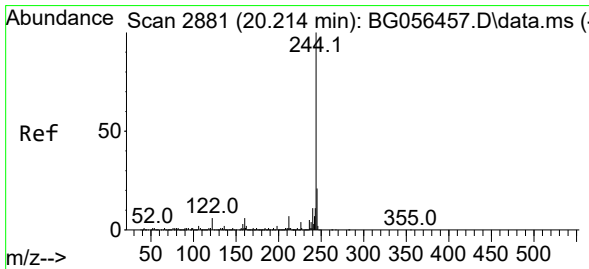
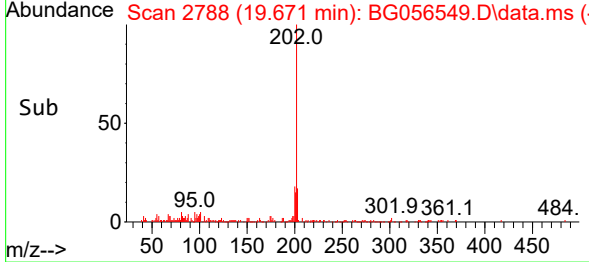
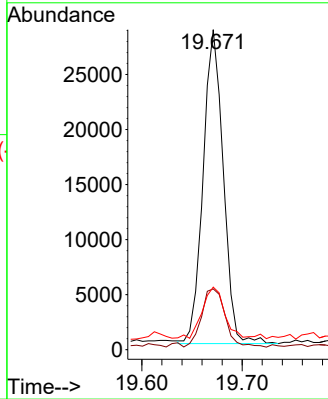
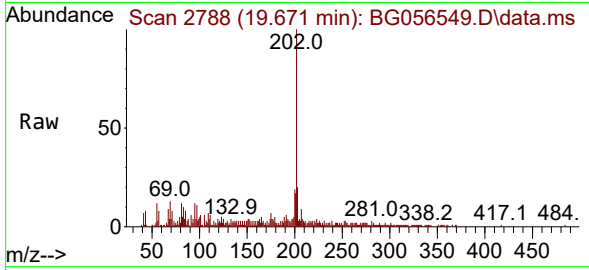




#78
 Pyrene
 Concen: 2.056 ng
 RT: 19.671 min Scan# 21
 Delta R.T. -0.361 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

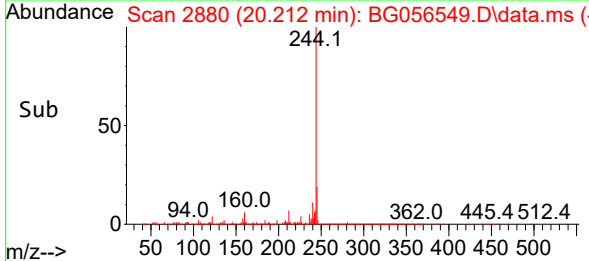
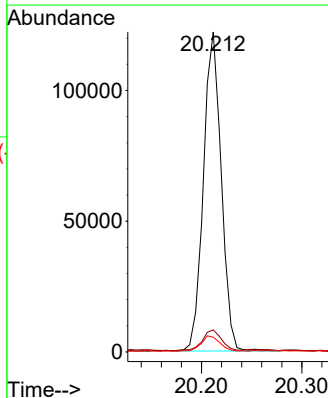
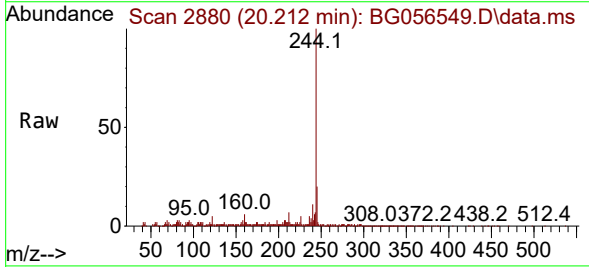
Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

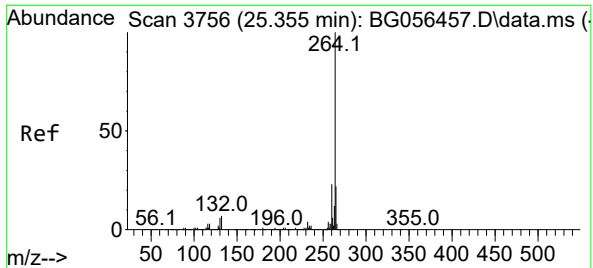
Tgt Ion	Resp	Lower	Upper
202	39919		
200	19.0	16.7	25.1
203	19.6	14.4	21.6



#79
 Terphenyl-d14
 Concen: 9.673 ng
 RT: 20.212 min Scan# 2880
 Delta R.T. 0.003 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Tgt Ion	Resp	Lower	Upper
244	150358		
212	6.9	5.5	8.3
122	4.6	4.4	6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 31
 Delta R.T. 0.027 min
 Lab File: BG056549.D
 Acq: 3 Feb 2023 21:58

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-212023

Tgt Ion:264 Resp: 261119

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	22.4	18.1	27.1

