

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049816.D
 Acq On : 12 Aug 2021 13:41
 Operator : CG/JU
 Sample : M3333-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124030

Quant Time: Aug 12 14:19:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	26815	20.000	ng	# 0.00
21) Naphthalene-d8	10.857	136	111694	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	89272	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	204928	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	169332	20.000	ng	0.00
86) Perylene-d12	25.002	264	176890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	210051	140.421	ng	0.00
7) Phenol-d6	7.197	99	302571	133.624	ng	0.00
23) Nitrobenzene-d5	9.200	82	210663	83.461	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	194766	148.429	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	483634	78.829	ng	0.00
79) Terphenyl-d14	20.050	244	832551	89.297	ng	0.00

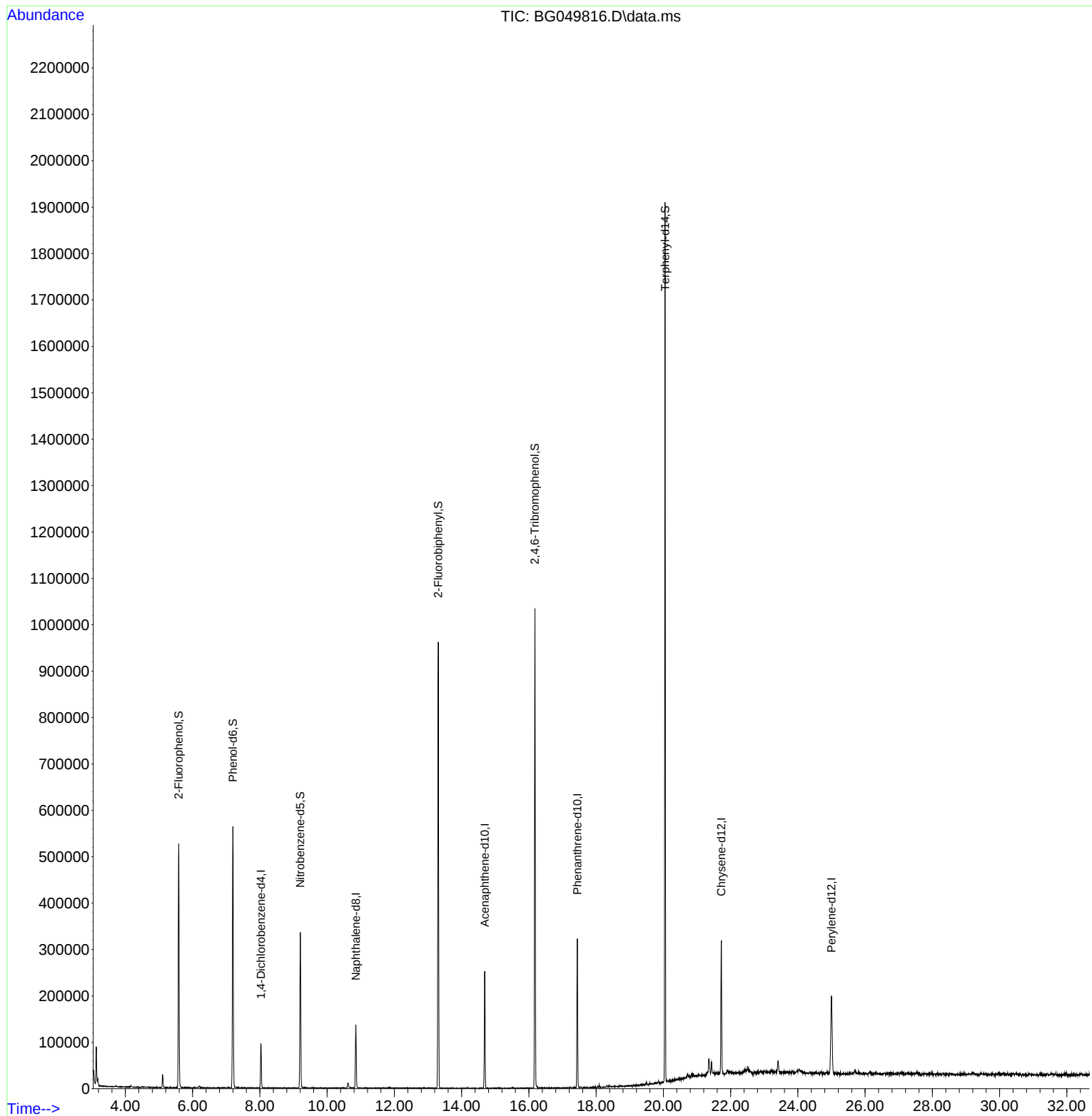
Target Compounds	Qvalue

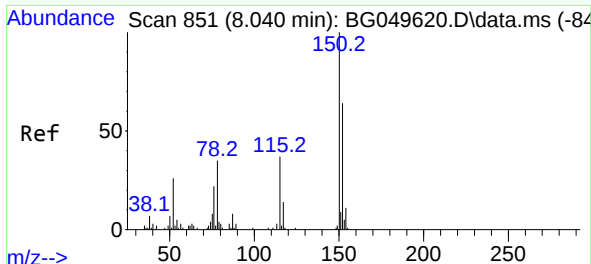
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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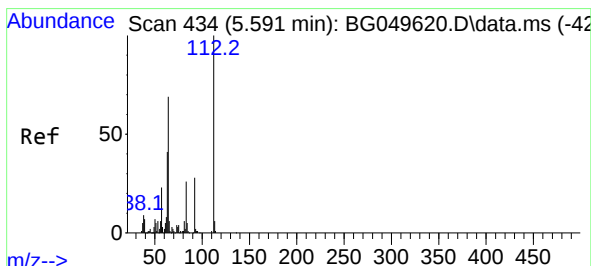
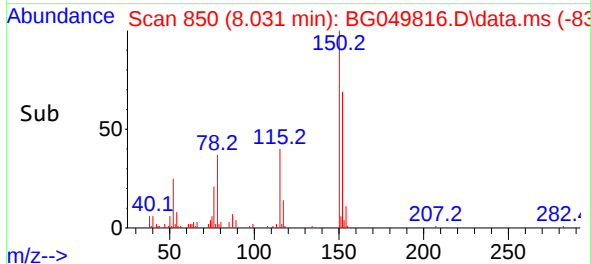
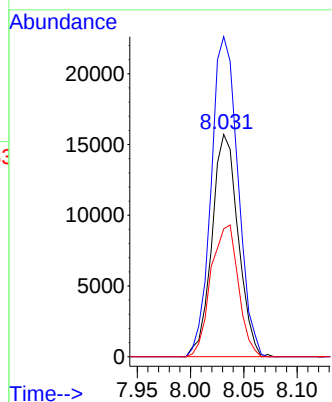
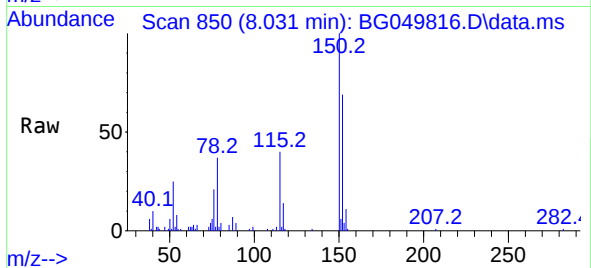




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

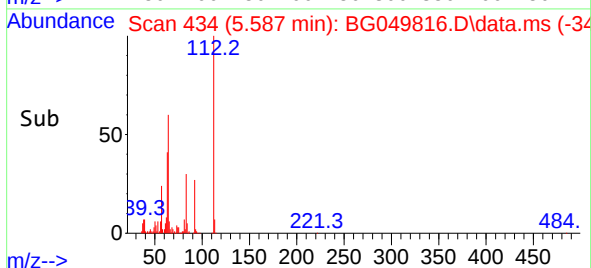
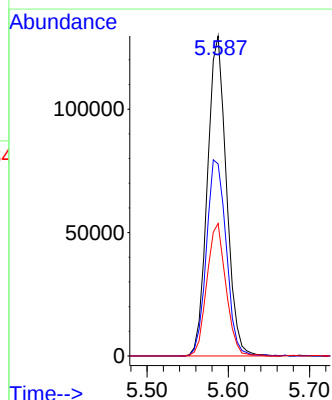
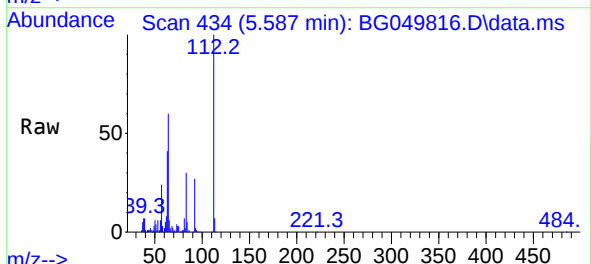
Instrument :
BNA_G
ClientSampleId :
124030

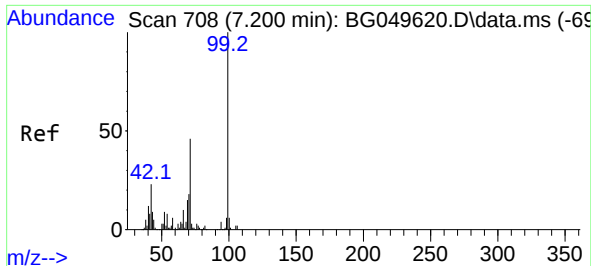
Tgt Ion:152 Resp: 26815
Ion Ratio Lower Upper
152 100
150 144.0 119.4 179.0
115 57.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 140.421 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:112 Resp: 210051
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 41.4 35.3 52.9



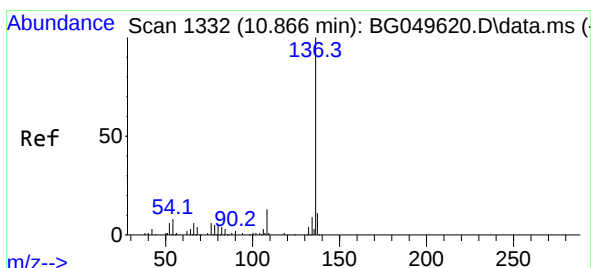
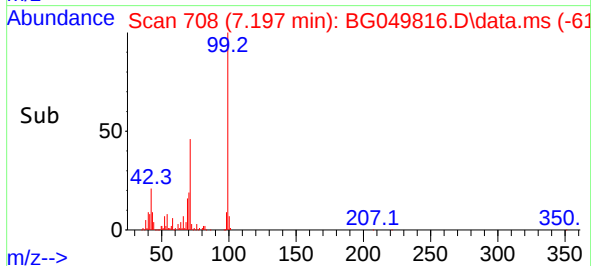
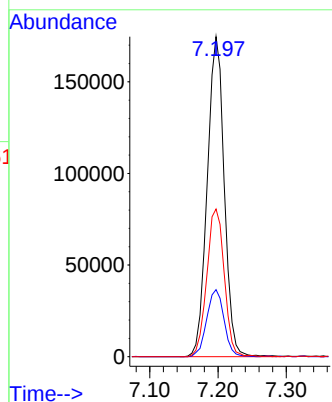
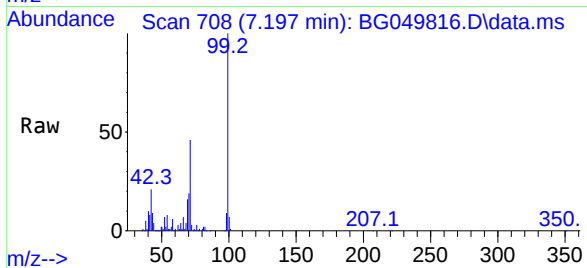


#7
Phenol-d6
Concen: 133.624 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Instrument :
BNA_G
ClientSampleId :
124030

Tgt Ion: 99 Resp: 302571

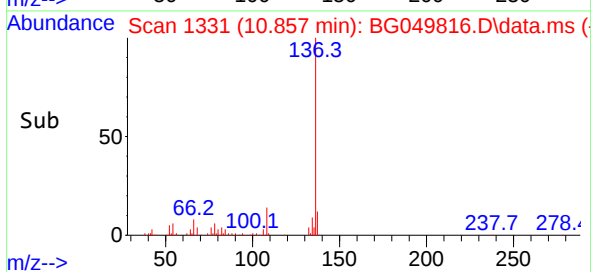
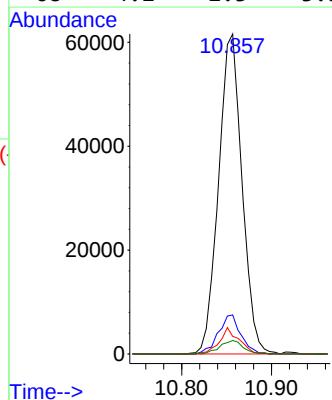
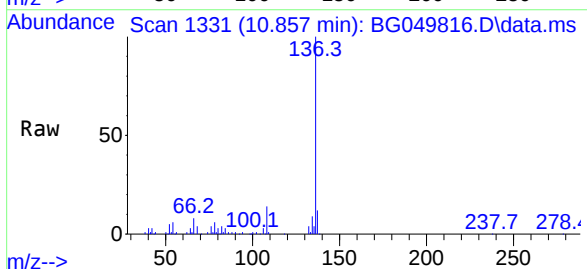
Ion	Ratio	Lower	Upper
99	100		
42	20.9	20.5	30.7
71	46.2	41.5	62.3

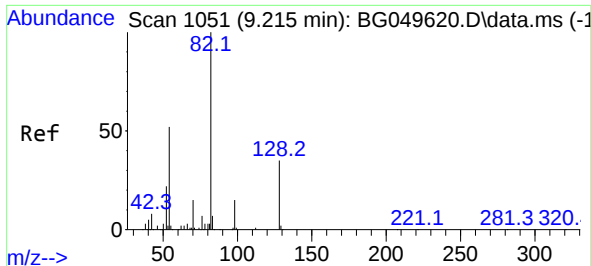


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion: 136 Resp: 111694

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.2	12.2
54	5.5	5.5	8.3#
68	4.2	2.3	3.5#

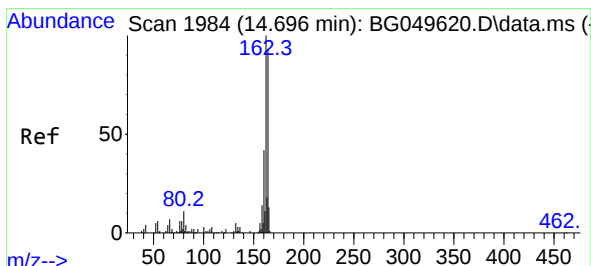
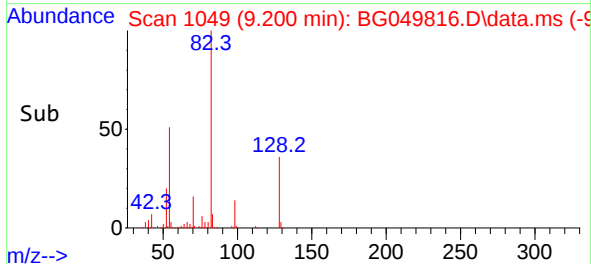
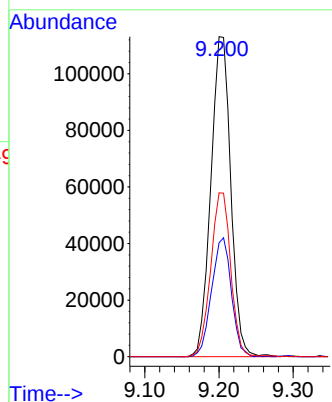
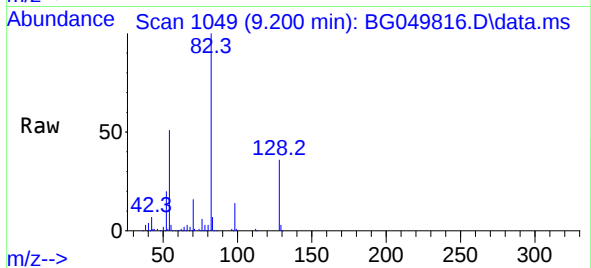




#23
Nitrobenzene-d5
Concen: 83.461 ng
RT: 9.200 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

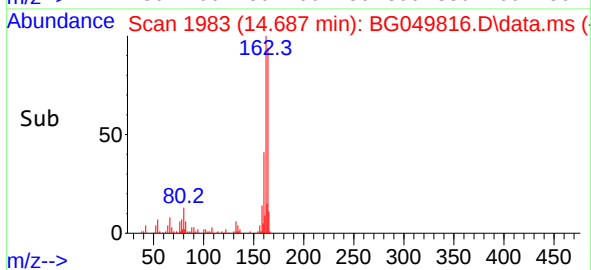
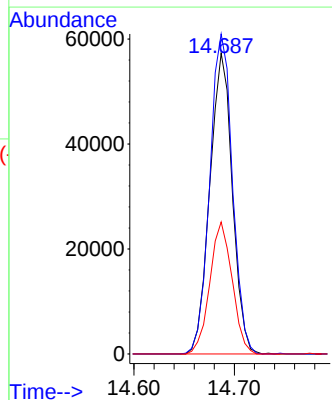
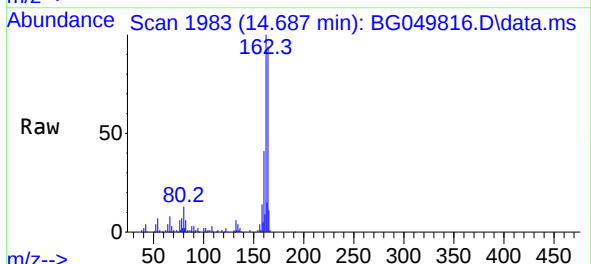
Instrument :
BNA_G
ClientSampleId :
124030

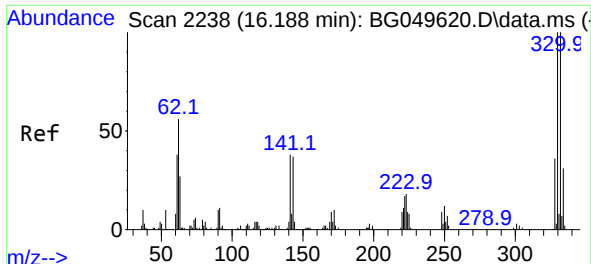
Tgt Ion: 82 Resp: 210663
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

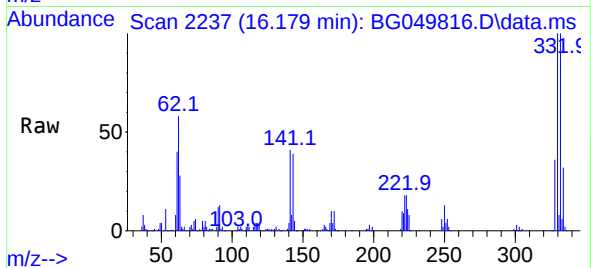
Tgt Ion:164 Resp: 89272
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 43.9 34.9 52.3



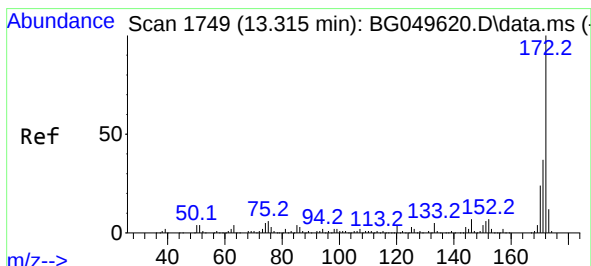
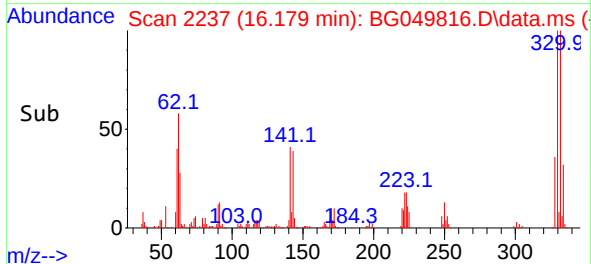
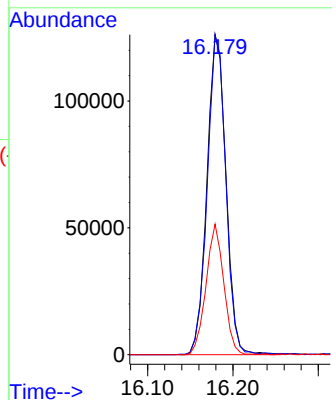


#42
2,4,6-Tribromophenol
Concen: 148.429 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

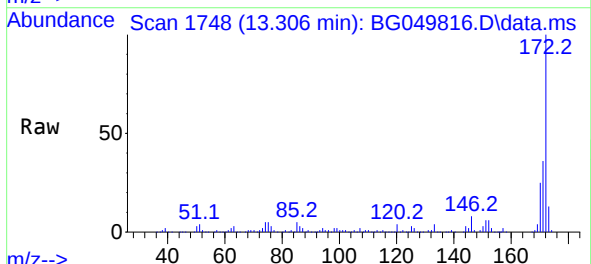
Instrument :
BNA_G
ClientSampleId :
124030



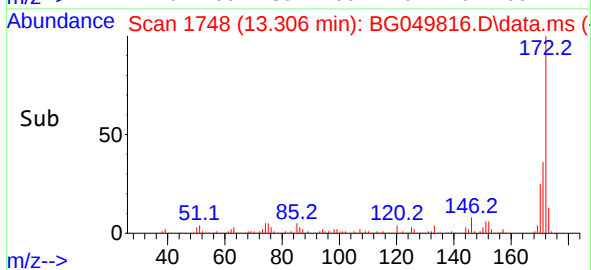
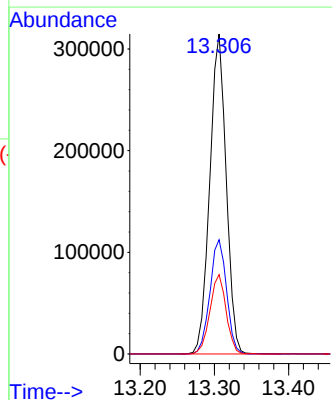
Tgt Ion:330 Resp: 194766
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 38.4 35.6 53.4

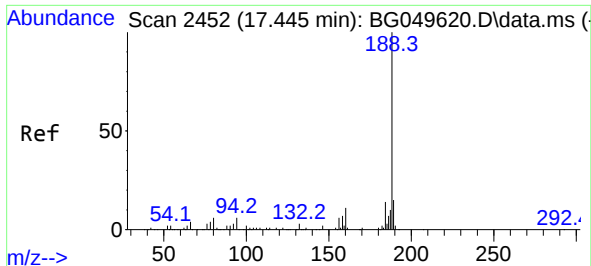


#45
2-Fluorobiphenyl
Concen: 78.829 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41



Tgt Ion:172 Resp: 483634
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.8 18.6 27.8

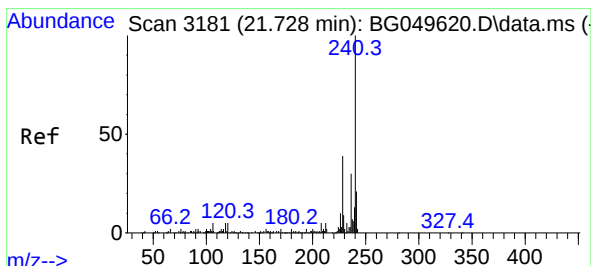
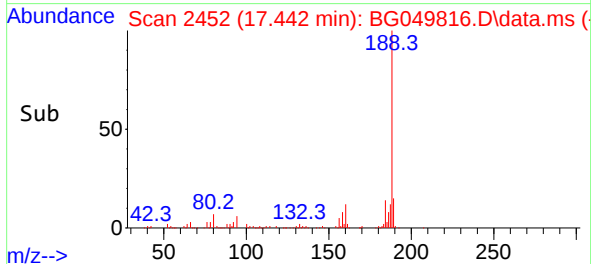
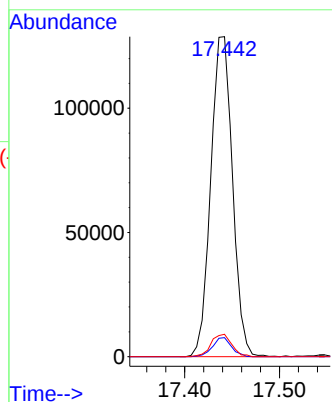
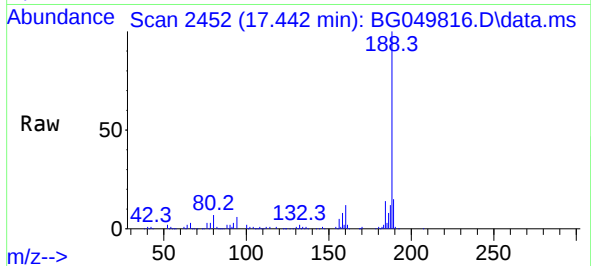




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

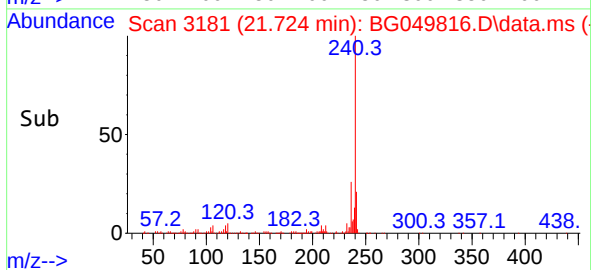
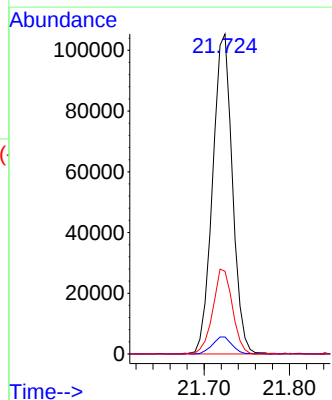
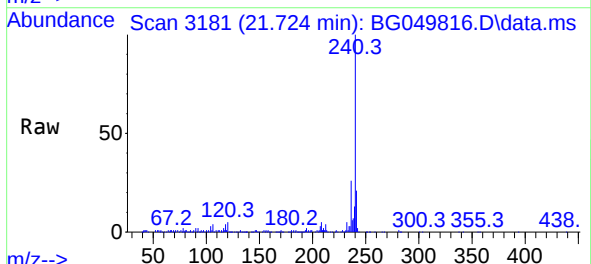
Instrument :
BNA_G
ClientSampled :
124030

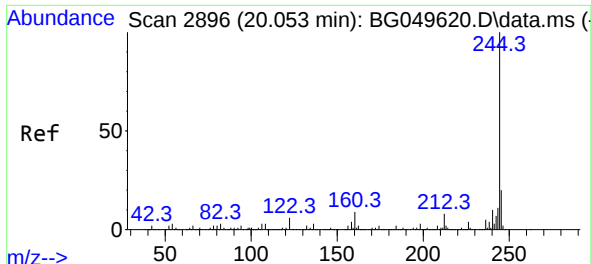
Tgt Ion:188 Resp: 204928
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG049816.D
Acq: 12 Aug 2021 13:41

Tgt Ion:240 Resp: 169332
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 25.8 21.8 32.6

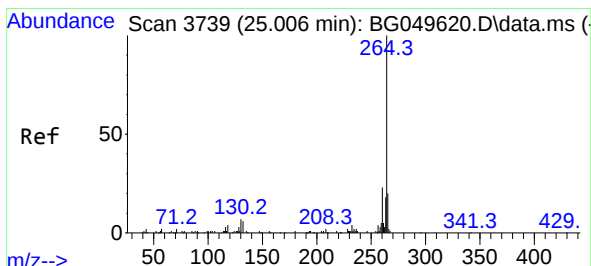
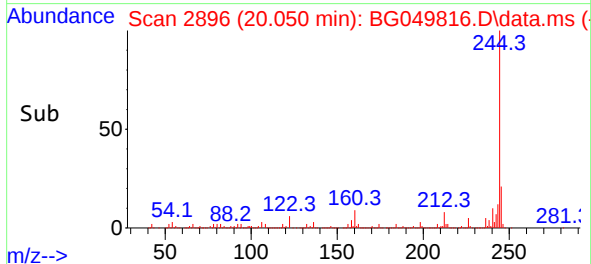
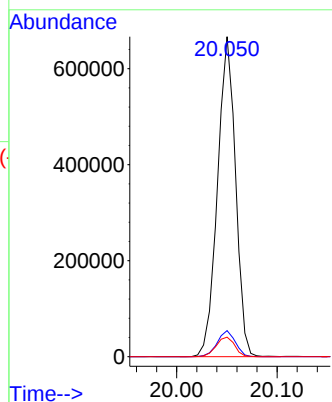
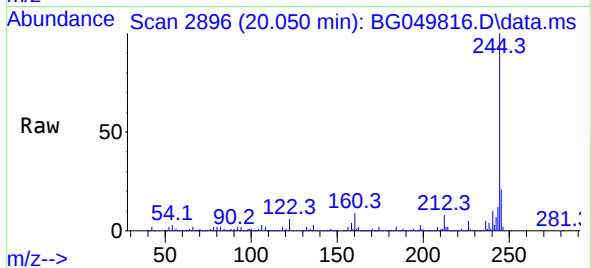




#79
 Terphenyl-d14
 Concen: 89.297 ng
 RT: 20.050 min Scan# 2896
 Delta R.T. -0.003 min
 Lab File: BG049816.D
 Acq: 12 Aug 2021 13:41

Instrument :
 BNA_G
 ClientSampleId :
 124030

Tgt Ion:244 Resp: 832551
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.002 min Scan# 3739
 Delta R.T. -0.003 min
 Lab File: BG049816.D
 Acq: 12 Aug 2021 13:41

Tgt Ion:264 Resp: 176890
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.7 16.9 25.3

