

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050481.D
 Acq On : 7 Oct 2021 13:21
 Operator : CG/JU
 Sample : M4077-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-36

Quant Time: Oct 07 14:09:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	45936	20.00	ng	0.00
21) Naphthalene-d8	11.084	136	186911	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	123271	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	278365	20.00	ng	# 0.00
76) Chrysene-d12	21.918	240	271991	20.00	ng	# 0.00
86) Perylene-d12	25.332	264	273396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	296364	96.49	ng	0.00
7) Phenol-d6	7.394	99	413735	93.04	ng	0.00
23) Nitrobenzene-d5	9.427	82	302199	66.93	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	109977	93.53	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	552568	67.46	ng	0.00
79) Terphenyl-d14	20.209	244	931614	66.75	ng	0.00

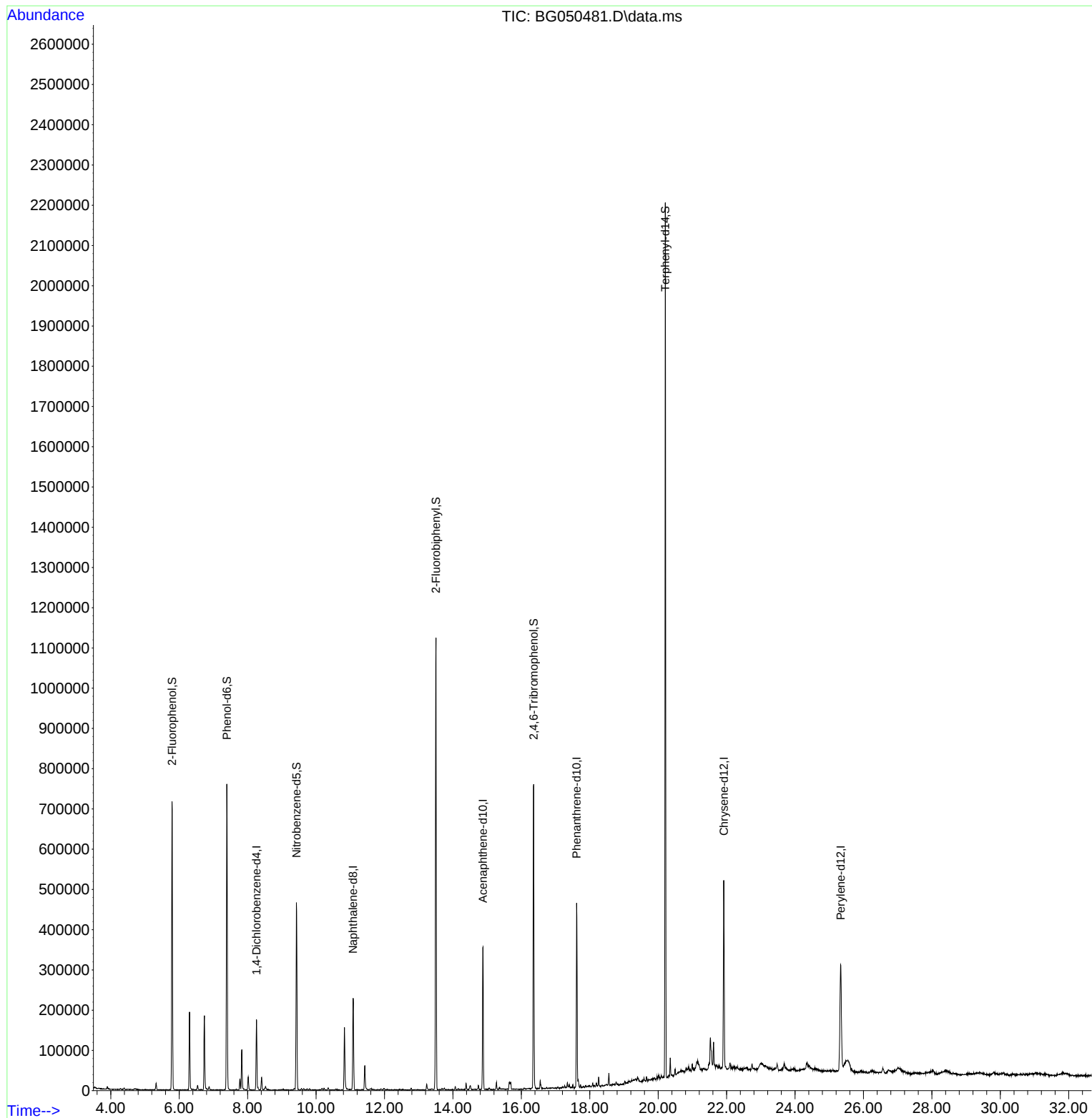
Target Compounds	Qvalue

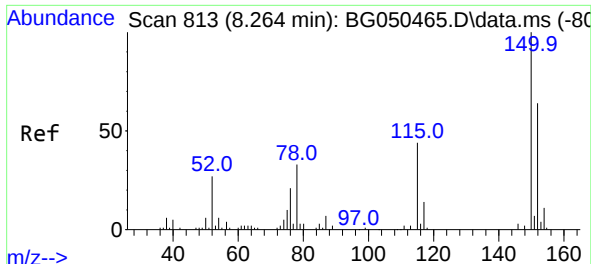
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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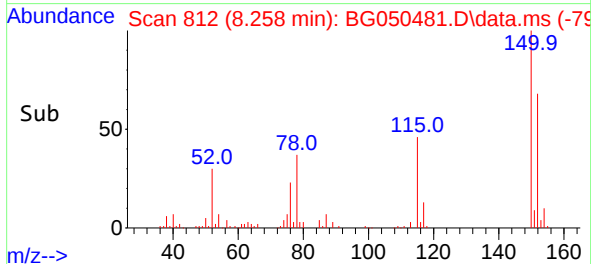
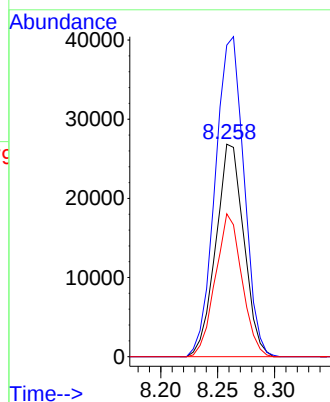
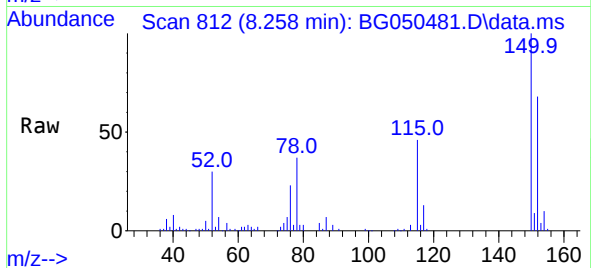




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

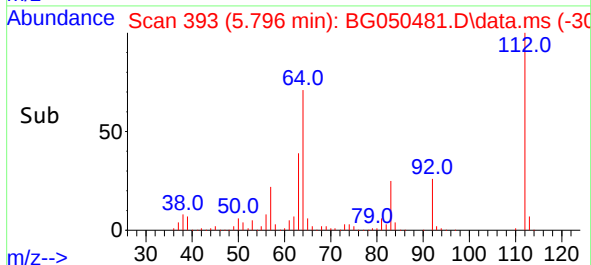
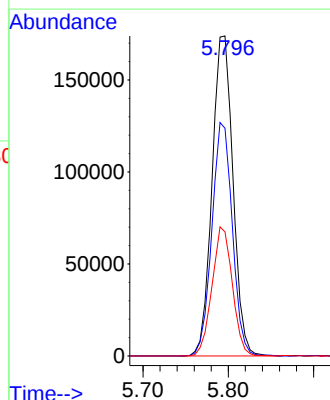
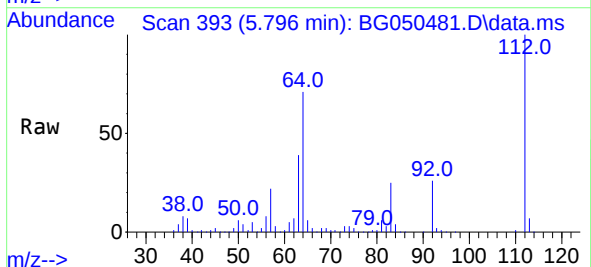
Instrument :
BNA_G
ClientSampled :
CC-36

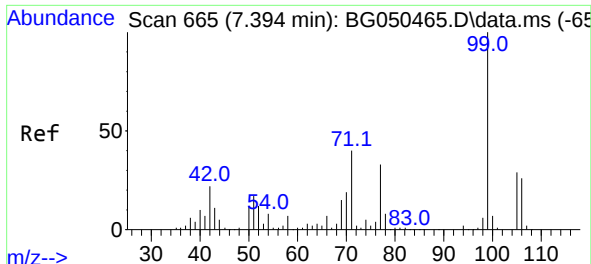
Tgt Ion:152 Resp: 45936
Ion Ratio Lower Upper
152 100
150 146.6 119.4 179.0
115 67.3 60.2 90.4



#5
2-Fluorophenol
Concen: 96.49 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:112 Resp: 296364
Ion Ratio Lower Upper
112 100
64 71.2 46.7 70.1#
63 38.7 35.3 52.9

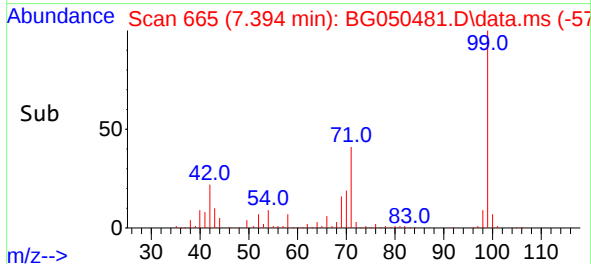
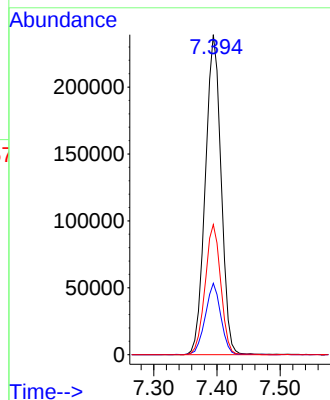
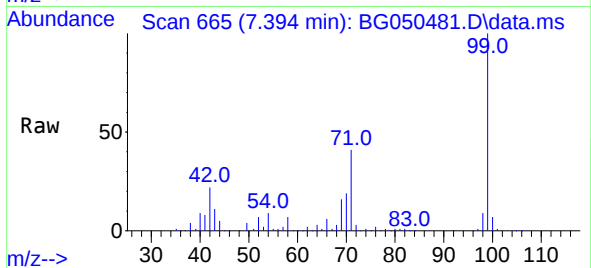




#7
Phenol-d6
Concen: 93.04 ng
RT: 7.394 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

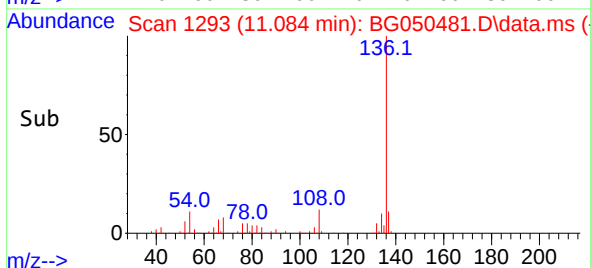
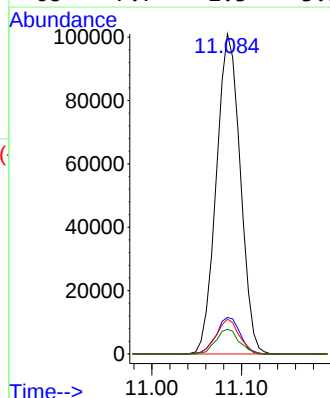
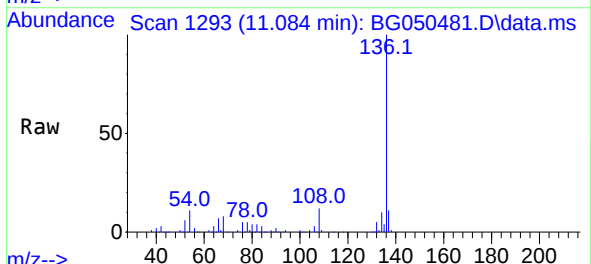
Instrument :
BNA_G
ClientSampled :
CC-36

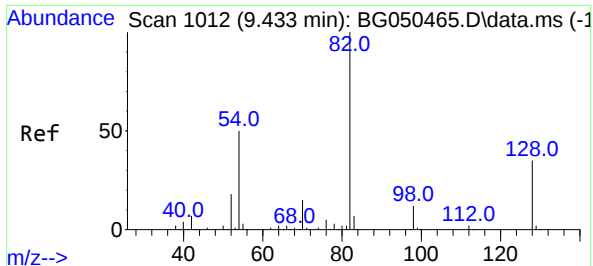
Tgt Ion: 99 Resp: 413735
Ion Ratio Lower Upper
99 100
42 22.3 20.5 30.7
71 40.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:136 Resp: 186911
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 10.8 5.5 8.3#
68 7.7 2.3 3.5#

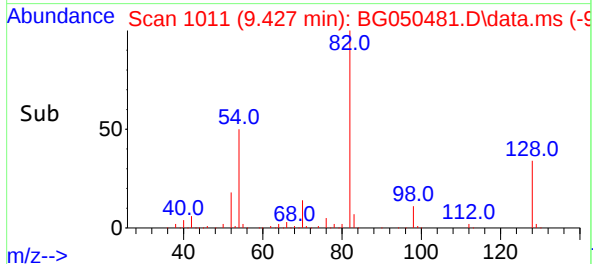
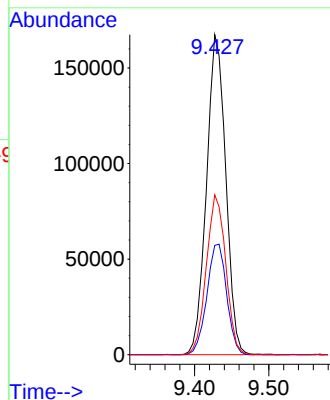
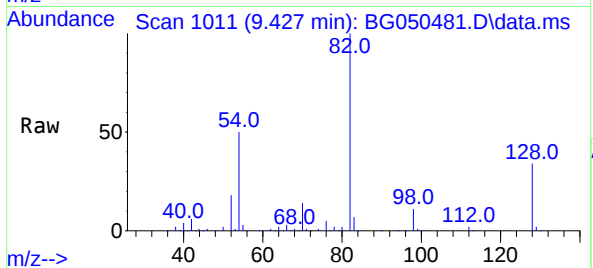




#23
Nitrobenzene-d5
Concen: 66.93 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

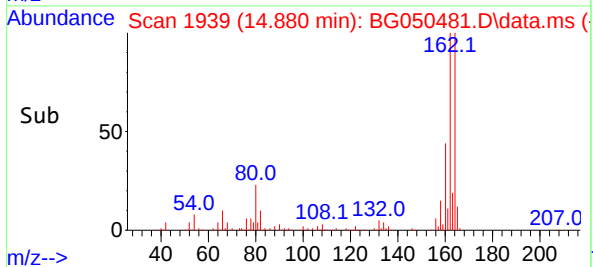
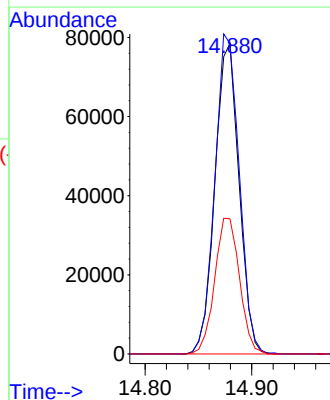
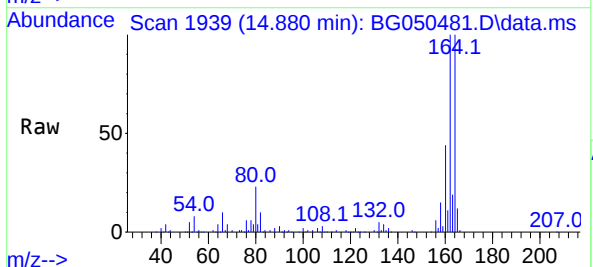
Instrument :
BNA_G
ClientSampled :
CC-36

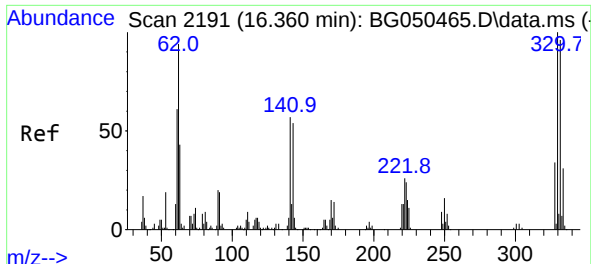
Tgt Ion: 82 Resp: 302199
Ion Ratio Lower Upper
82 100
128 34.1 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:164 Resp: 123271
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.5 34.9 52.3

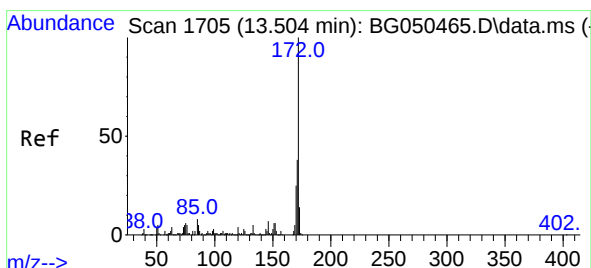
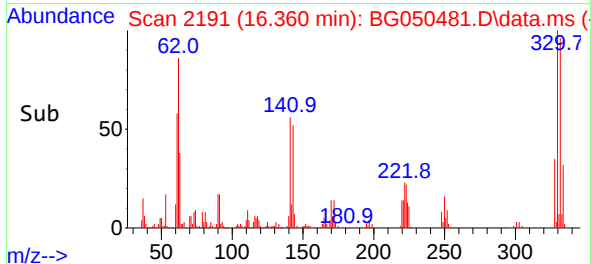
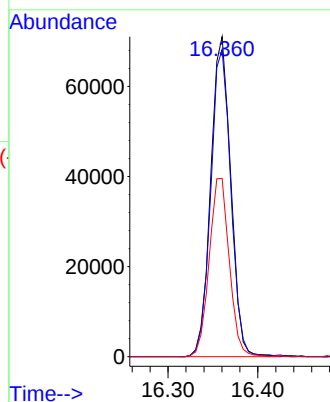
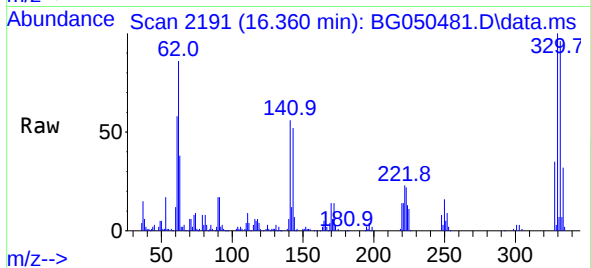




#42
2,4,6-Tribromophenol
Concen: 93.53 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

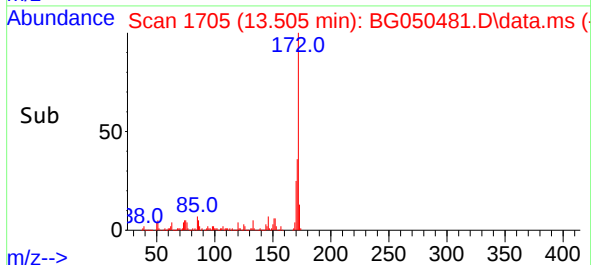
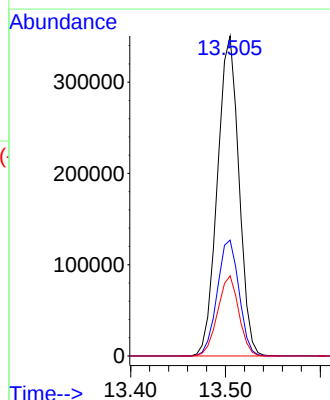
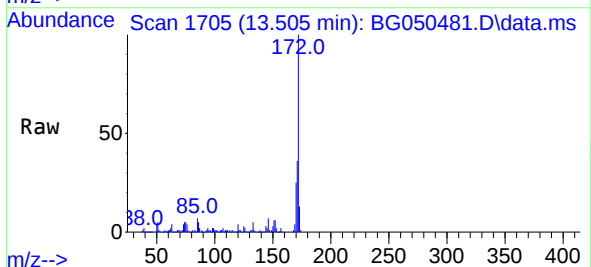
Instrument :
BNA_G
ClientSampleId :
CC-36

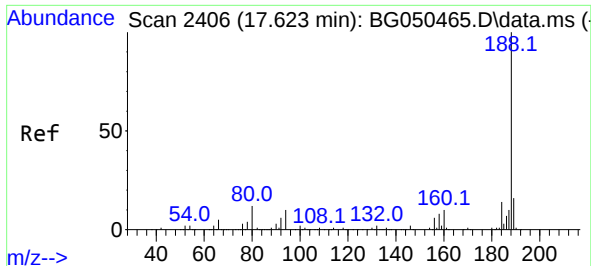
Tgt Ion:330 Resp: 109977
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 56.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 67.46 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:172 Resp: 552568
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 25.1 18.6 27.8

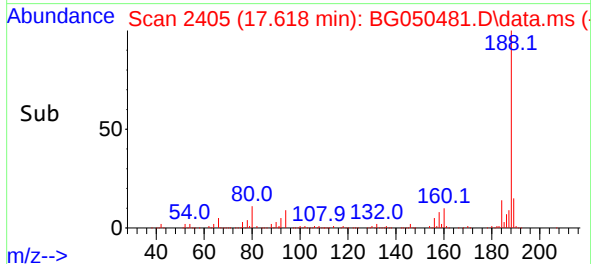
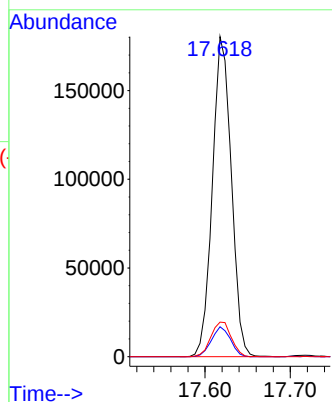
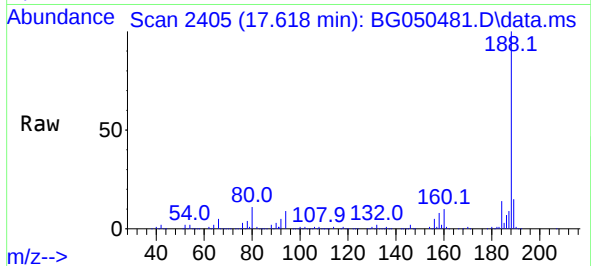




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

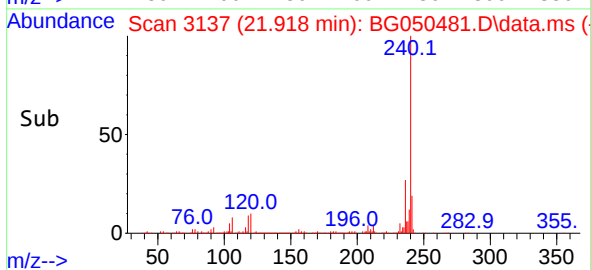
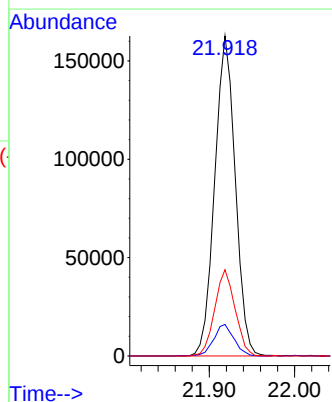
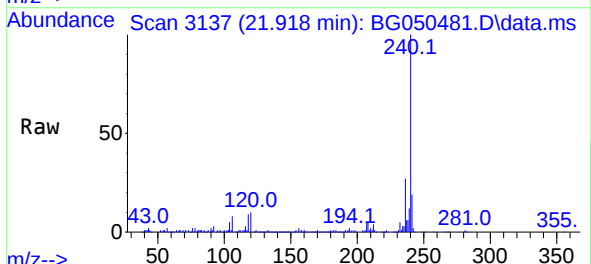
Instrument :
BNA_G
ClientSampleId :
CC-36

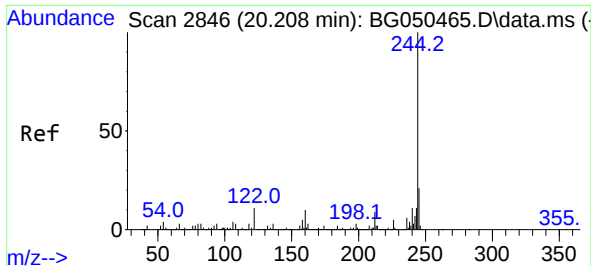
Tgt Ion:188 Resp: 278365
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.918 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG050481.D
Acq: 7 Oct 2021 13:21

Tgt Ion:240 Resp: 271991
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.9 21.8 32.6



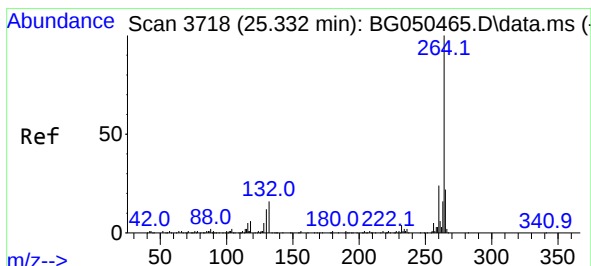
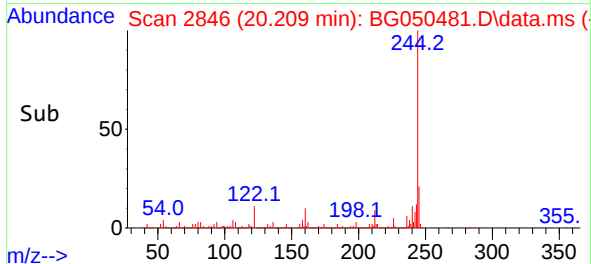
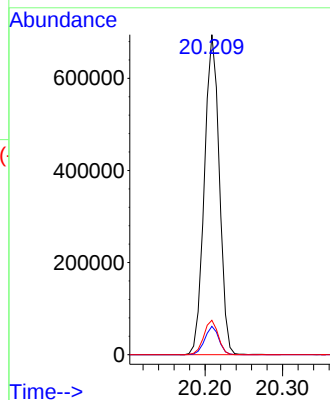
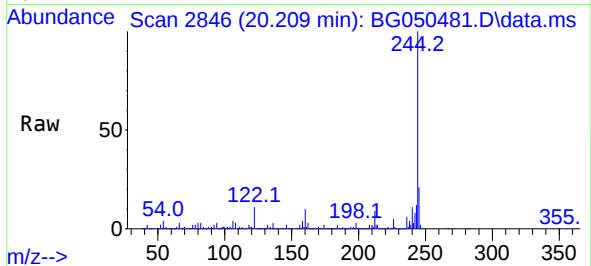


#79
 Terphenyl-d14
 Concen: 66.75 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.000 min
 Lab File: BG050481.D
 Acq: 7 Oct 2021 13:21

Instrument :
 BNA_G
 ClientSampleId :
 CC-36

Tgt Ion:244 Resp: 931614

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.8	5.0	7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. 0.000 min
 Lab File: BG050481.D
 Acq: 7 Oct 2021 13:21

Tgt Ion:264 Resp: 273396

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.6	16.9	25.3

