

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050554.D
 Acq On : 12 Oct 2021 15:44
 Operator : CG/JU
 Sample : M4154-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-CB-32

Quant Time: Oct 12 16:39:17 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	8.259	152	49954	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	216267	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	141768	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	299025	20.00	ng	# 0.00
76) Chrysene-d12	21.925	240	261859	20.00	ng	# 0.00
86) Perylene-d12	25.344	264	261369	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	184320	55.18	ng	0.00
7) Phenol-d6	7.401	99	177507	36.71	ng	0.00
23) Nitrobenzene-d5	9.434	82	340285	65.13	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	152405	112.71	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	644652	68.44	ng	0.00
79) Terphenyl-d14	20.209	244	755689	56.24	ng	0.00

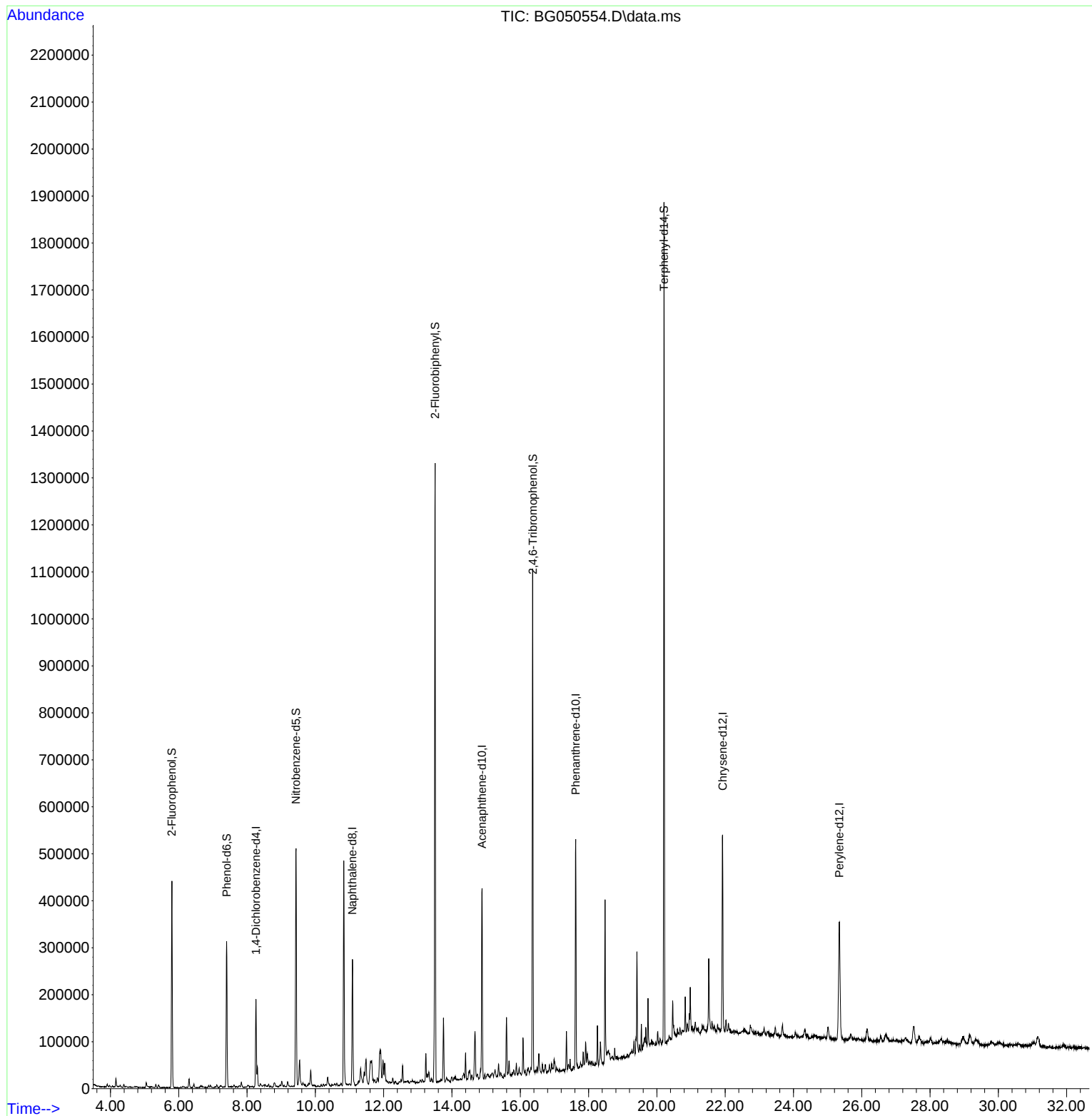
Target Compounds	Qvalue

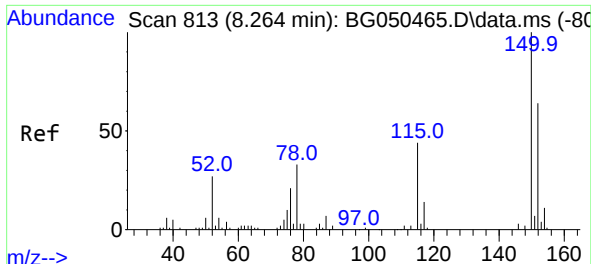
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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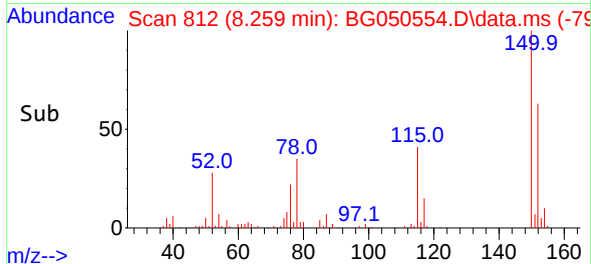
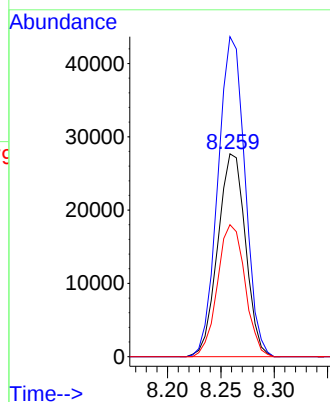
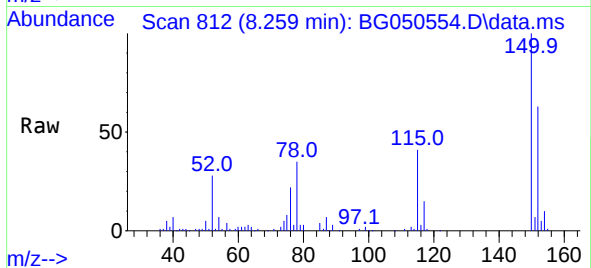




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

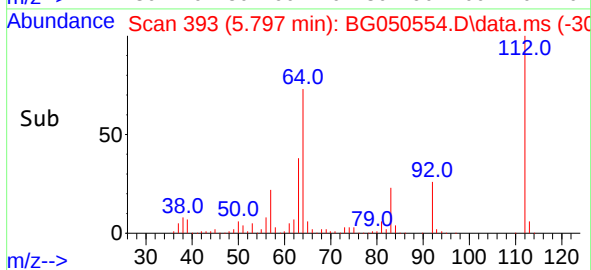
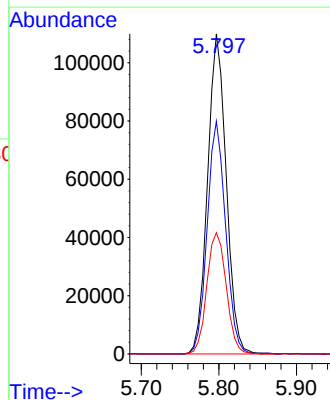
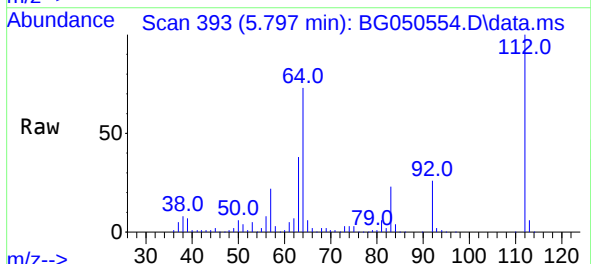
Instrument :
BNA_G
ClientSampleId :
SW-CB-32

Tgt Ion:152 Resp: 49954
Ion Ratio Lower Upper
152 100
150 157.7 119.4 179.0
115 65.1 60.2 90.4



#5
2-Fluorophenol
Concen: 55.18 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion:112 Resp: 184320
Ion Ratio Lower Upper
112 100
64 72.7 46.7 70.1#
63 37.9 35.3 52.9

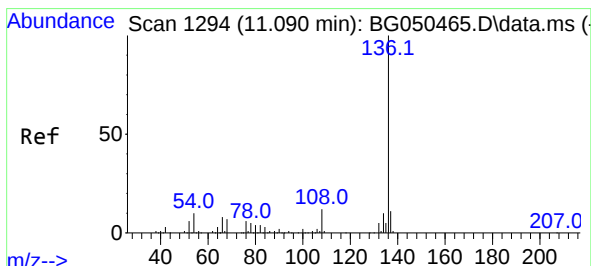
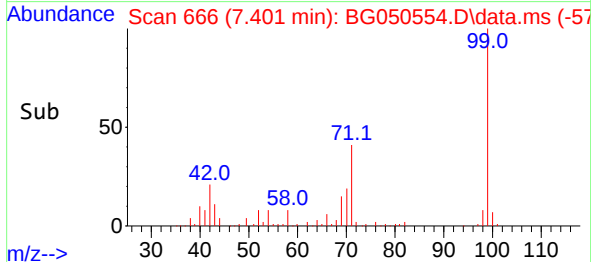
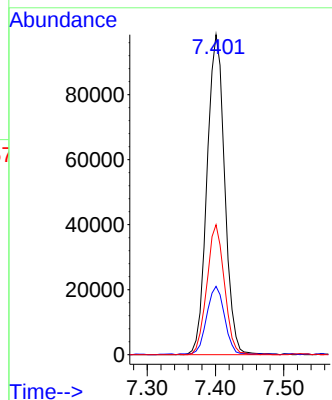
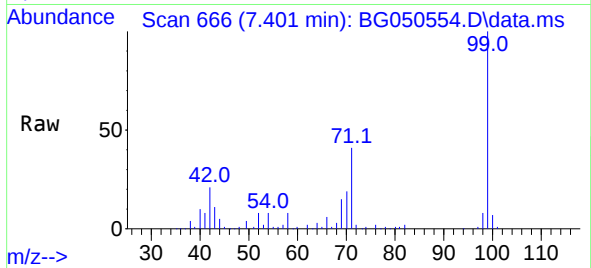




#7
Phenol-d6
Concen: 36.71 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

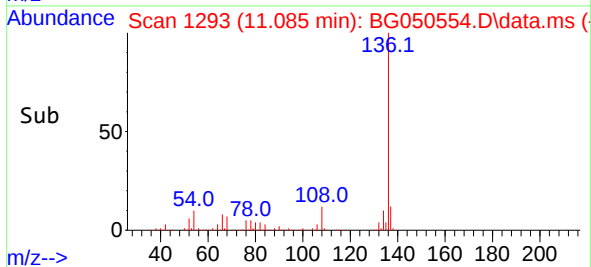
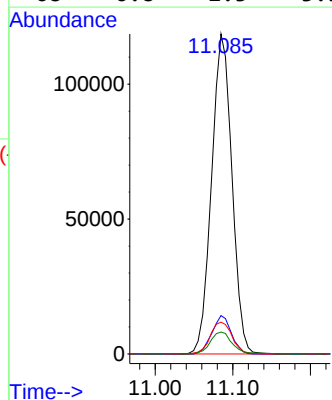
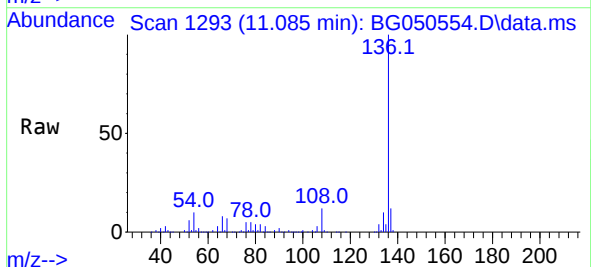
Instrument :
BNA_G
ClientSampleId :
SW-CB-32

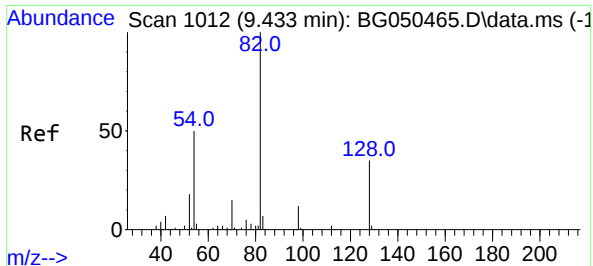
Tgt Ion: 99 Resp: 177507
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 40.6 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion:136 Resp: 216267
Ion Ratio Lower Upper
136 100
137 12.0 8.2 12.2
54 10.0 5.5 8.3#
68 6.8 2.3 3.5#

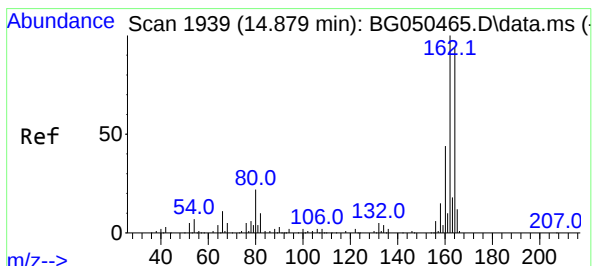
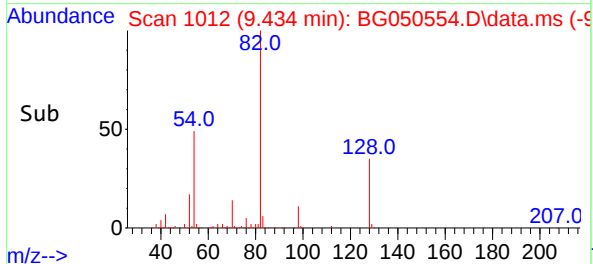
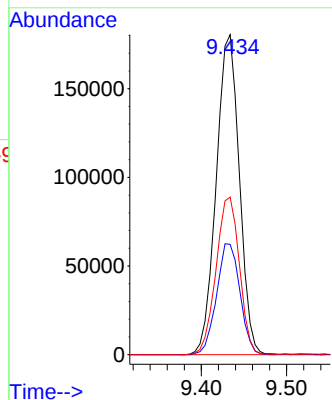
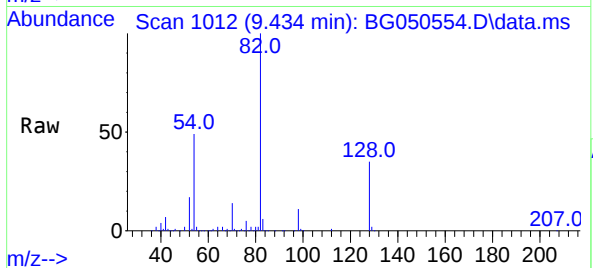




#23
Nitrobenzene-d5
Concen: 65.13 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

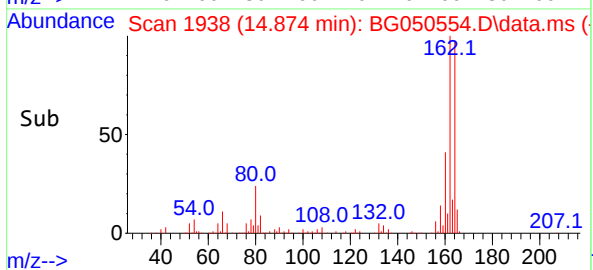
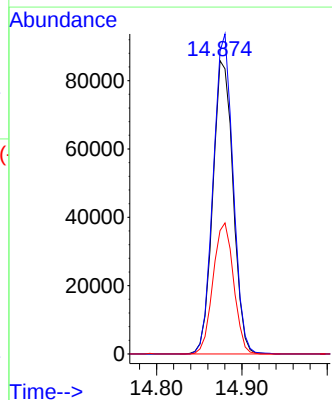
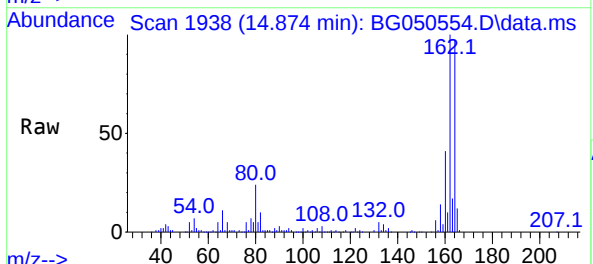
Instrument :
BNA_G
ClientSampleId :
SW-CB-32

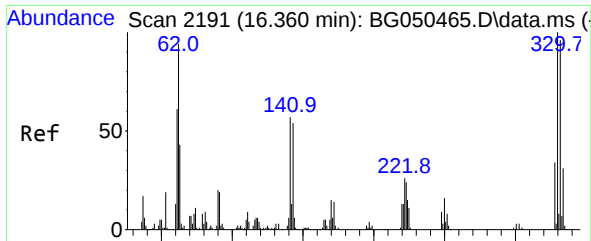
Tgt Ion: 82 Resp: 340285
Ion Ratio Lower Upper
82 100
128 34.5 29.8 44.6
54 49.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion: 164 Resp: 141768
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 42.0 34.9 52.3

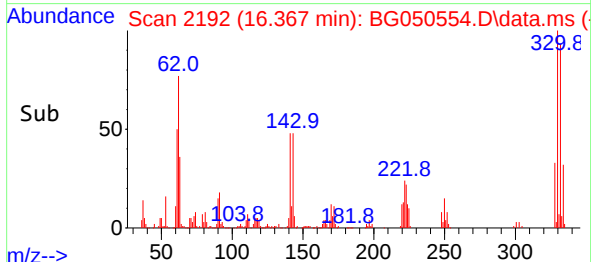
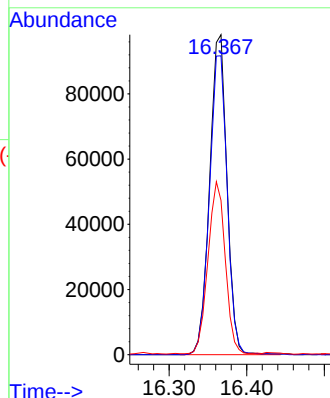
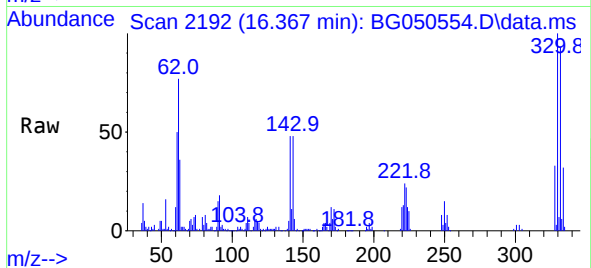




#42
2,4,6-Tribromophenol
Concen: 112.71 ng
RT: 16.367 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

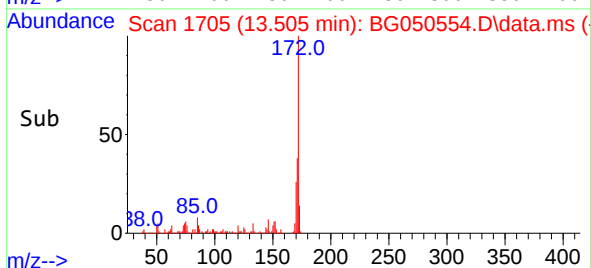
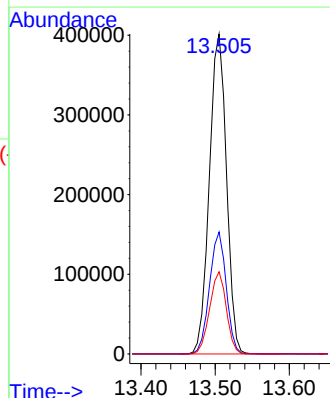
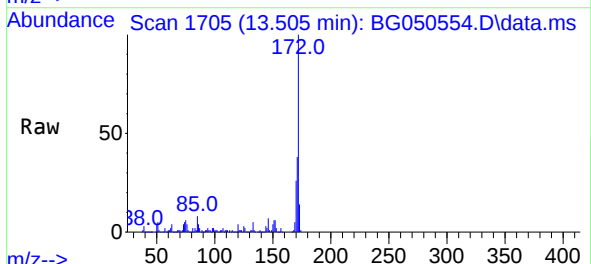
Instrument :
BNA_G
ClientSampleId :
SW-CB-32

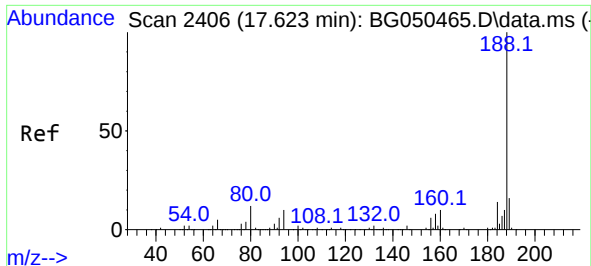
Tgt Ion:330 Resp: 152405
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 53.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 68.44 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion:172 Resp: 644652
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.7 18.6 27.8

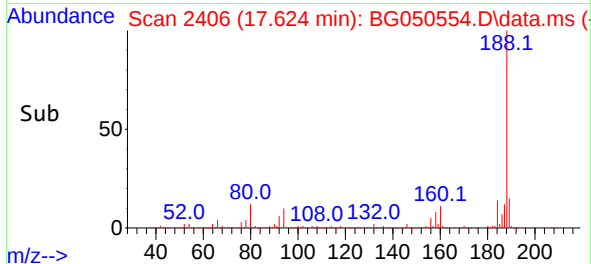
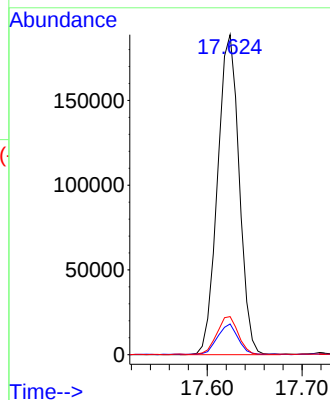
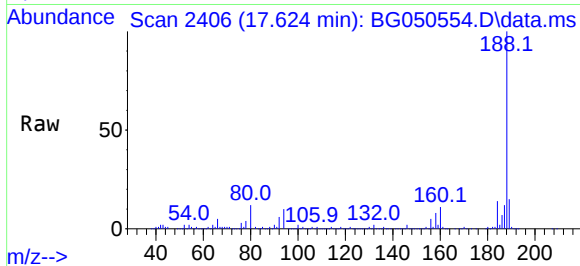




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

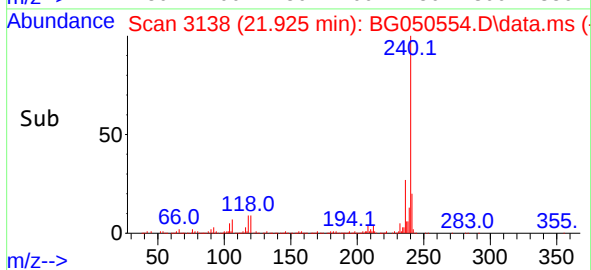
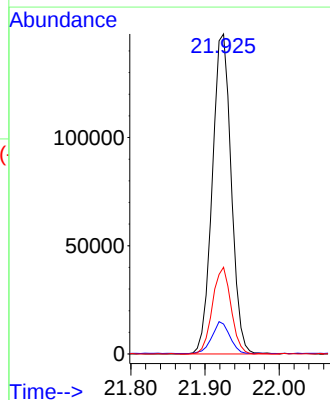
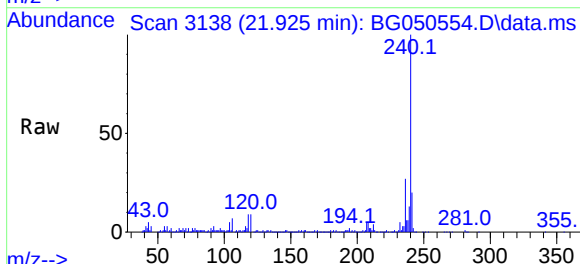
Instrument :
BNA_G
ClientSampleId :
SW-CB-32

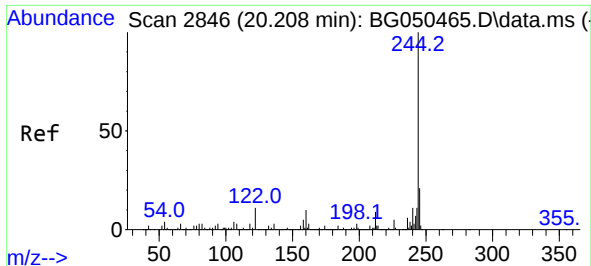
Tgt Ion:188 Resp: 299025
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion:240 Resp: 261859
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 27.1 21.8 32.6

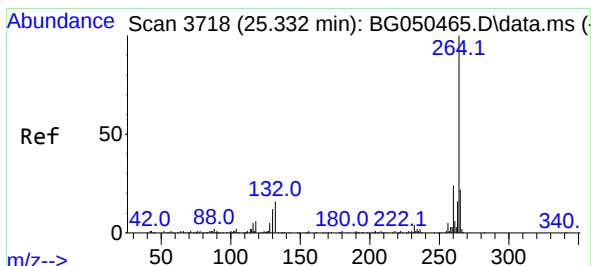
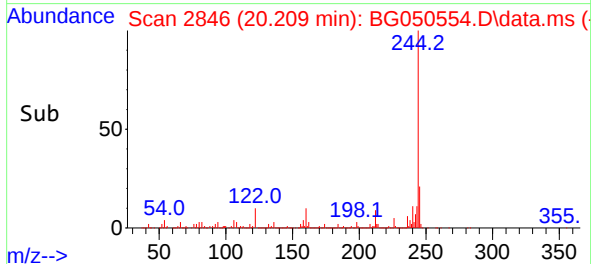
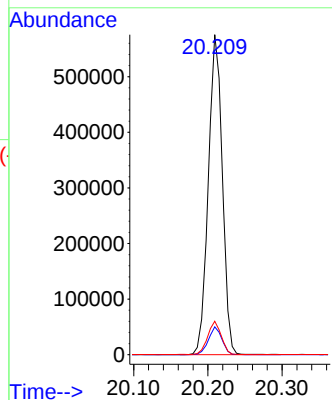
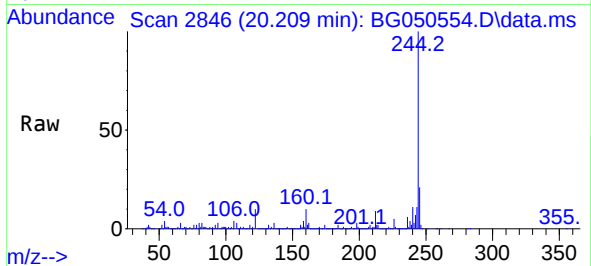




#79
Terphenyl-d14
Concen: 56.24 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Instrument :
BNA_G
ClientSampleId :
SW-CB-32

Tgt Ion:244 Resp: 755689
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 10.4 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.344 min Scan# 3720
Delta R.T. 0.013 min
Lab File: BG050554.D
Acq: 12 Oct 2021 15:44

Tgt Ion:264 Resp: 261369
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 22.3 16.9 25.3

