

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050706.D
 Acq On : 23 Oct 2021 2:29
 Operator : CG/JU
 Sample : M4256-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 23 03:14:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	52360	20.000	ng	# 0.00
21) Naphthalene-d8	11.078	136	226023	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	136713	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	261530	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	200659	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	108584	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	276495	78.974	ng	0.00
7) Phenol-d6	7.400	99	376506	74.277	ng	0.00
23) Nitrobenzene-d5	9.427	82	268930	49.254	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	95209	73.013	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	490301	53.976	ng	0.00
79) Terphenyl-d14	20.209	244	579172	56.250	ng	0.00

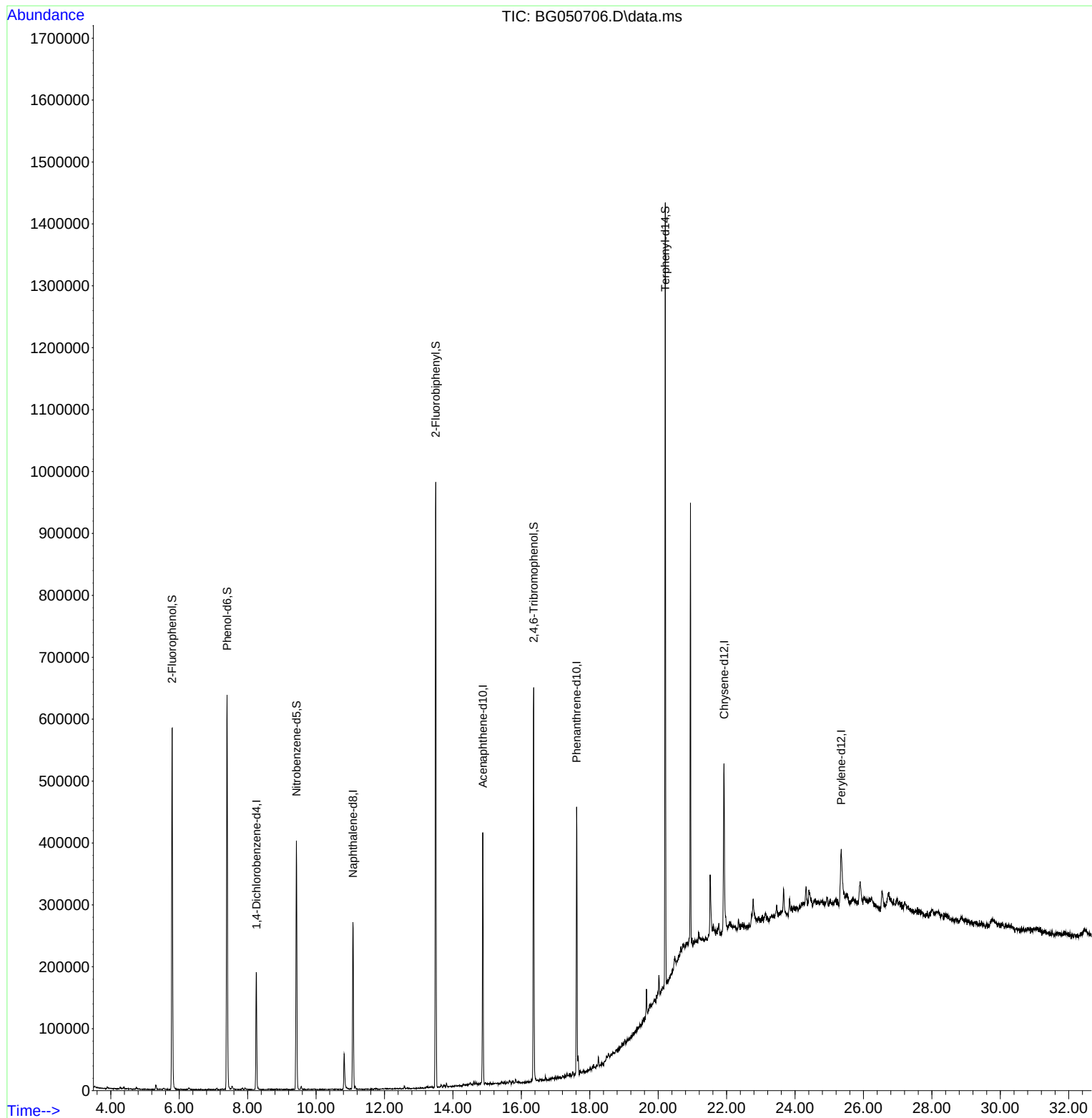
Target Compounds	Qvalue

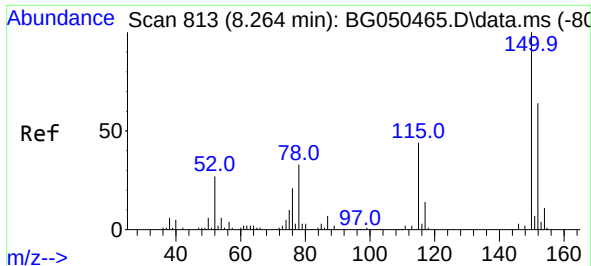
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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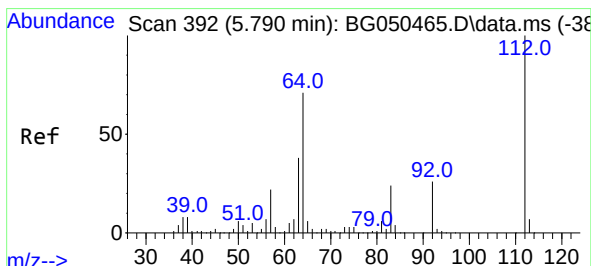
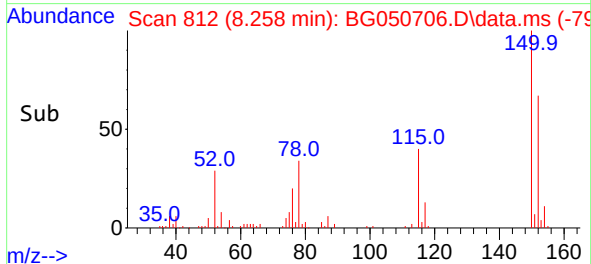
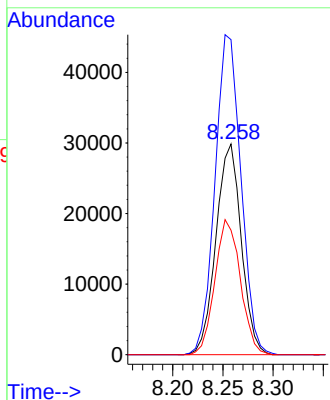
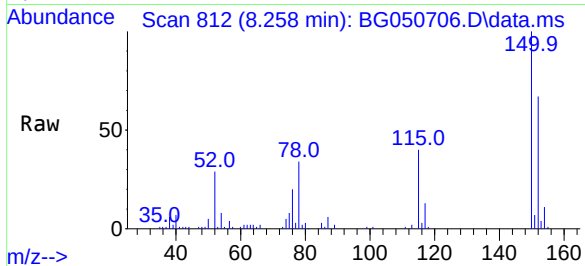




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

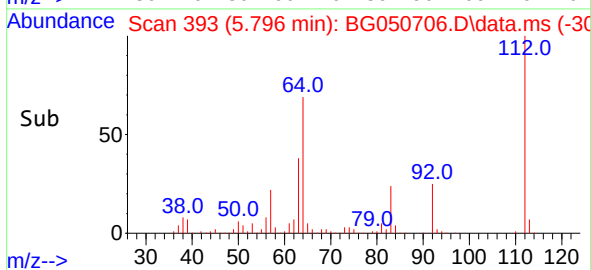
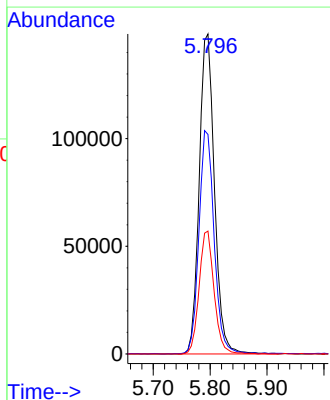
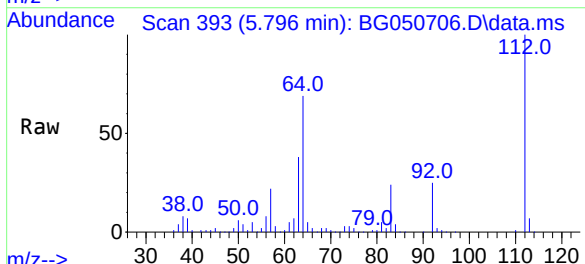
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

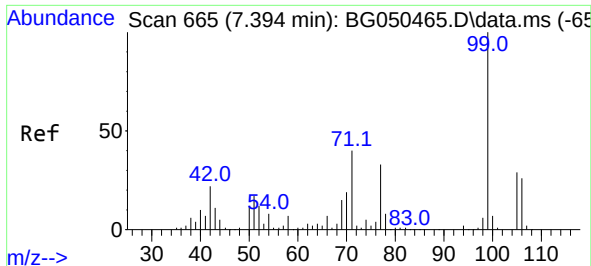
Tgt Ion:152 Resp: 52360
Ion Ratio Lower Upper
152 100
150 149.5 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 78.974 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:112 Resp: 276495
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 38.4 35.3 52.9

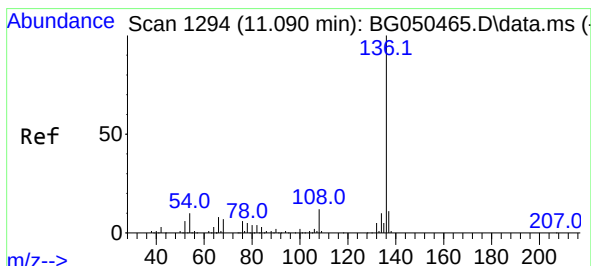
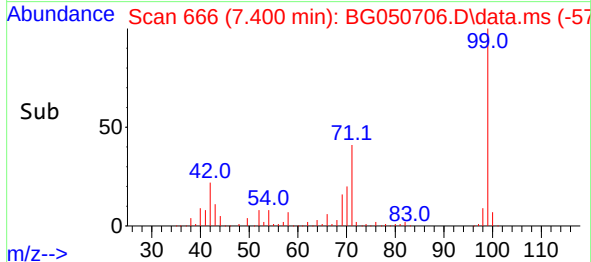
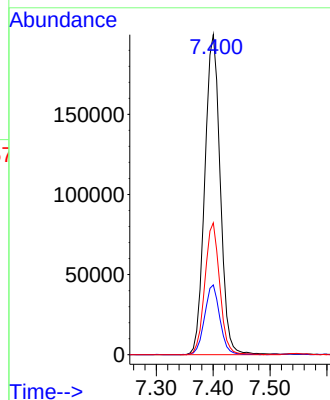
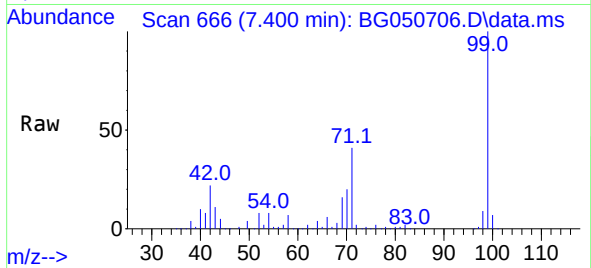




#7
Phenol-d6
Concen: 74.277 ng
RT: 7.400 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

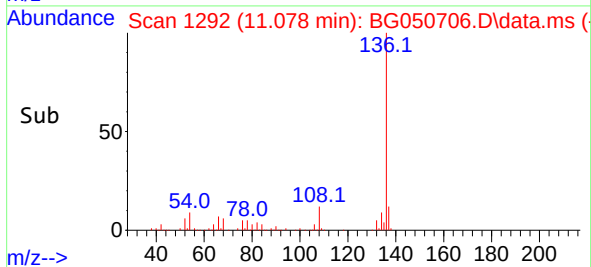
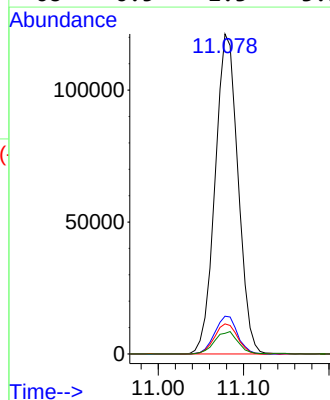
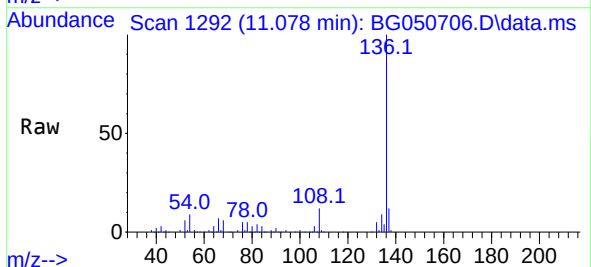
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

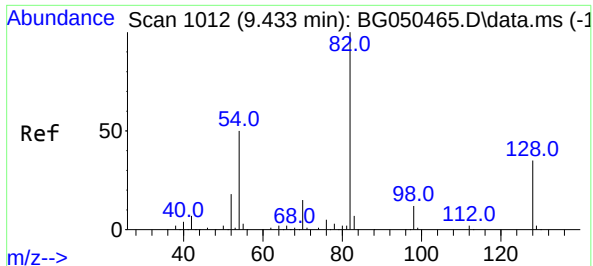
Tgt Ion: 99 Resp: 376506
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 41.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion: 136 Resp: 226023
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 9.4 5.5 8.3#
68 6.5 2.3 3.5#

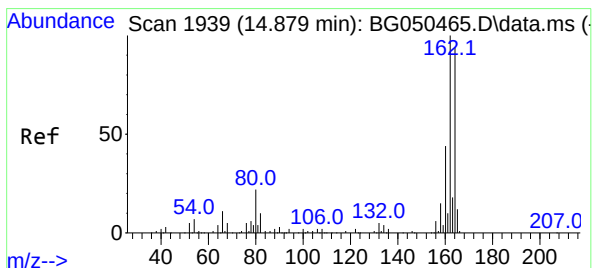
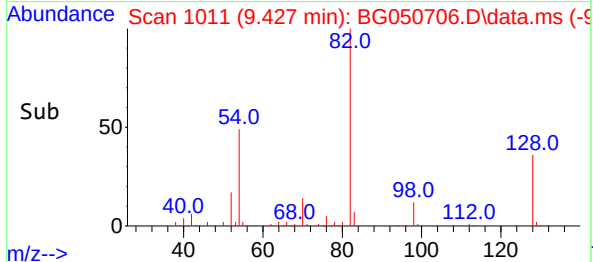
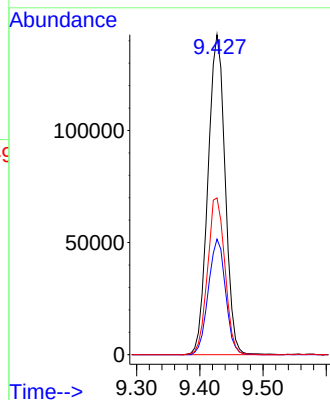
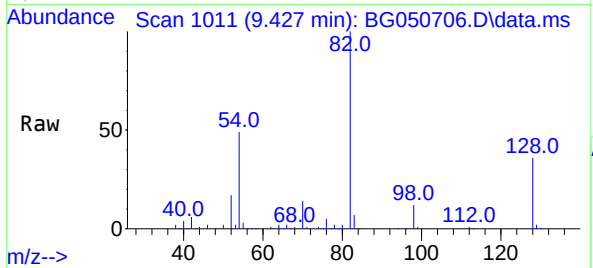




#23
Nitrobenzene-d5
Concen: 49.254 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

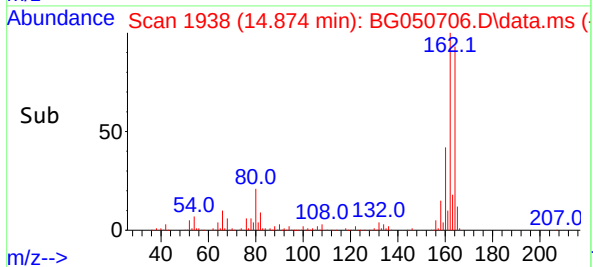
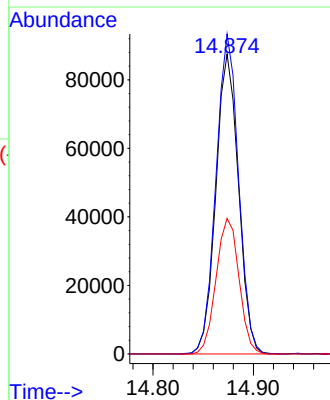
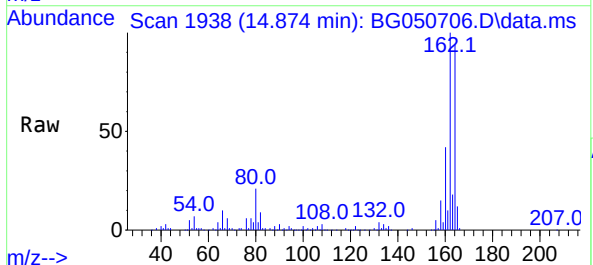
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

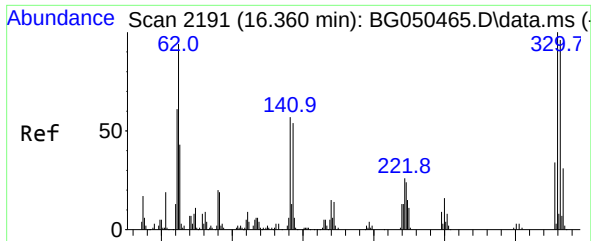
Tgt Ion:	82	Resp:	268930
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.8	44.6
54	49.0	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

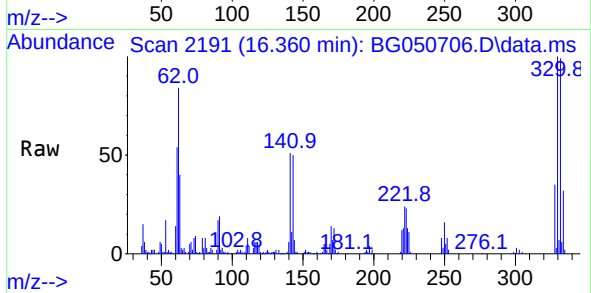
Tgt Ion:	164	Resp:	136713
Ion	Ratio	Lower	Upper
164	100		
162	106.7	81.4	122.0
160	45.2	34.9	52.3



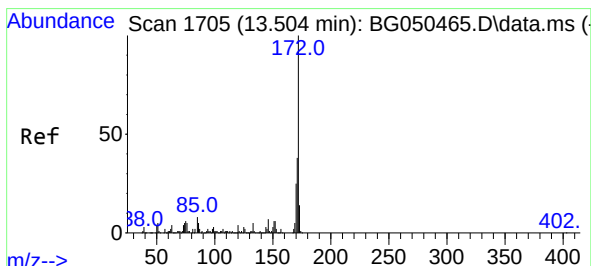
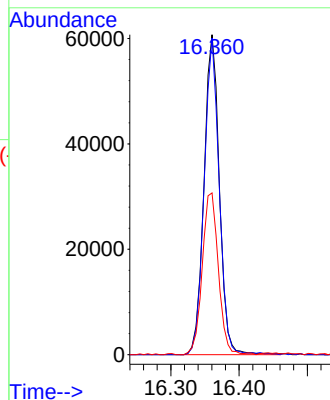
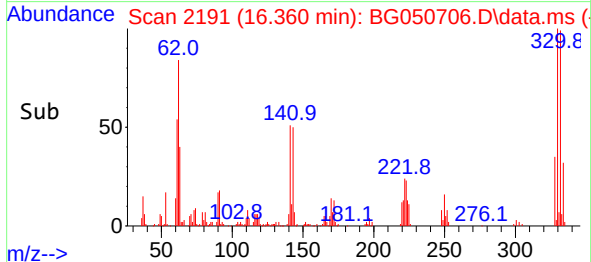


#42
2,4,6-Tribromophenol
Concen: 73.013 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

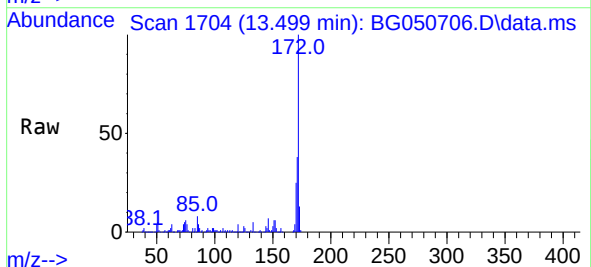
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014



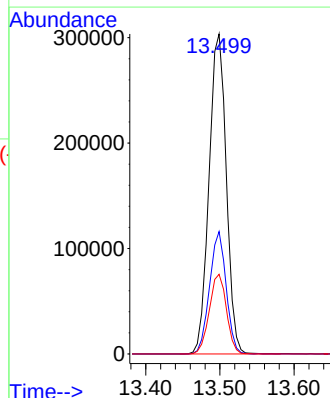
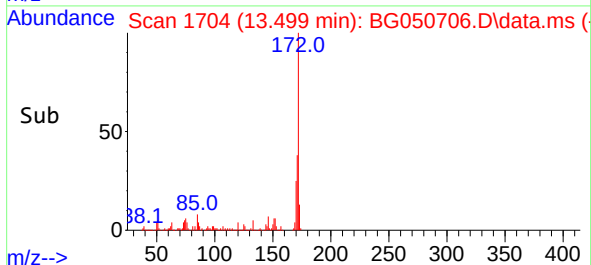
Tgt Ion:330 Resp: 95209
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 52.8 35.6 53.4

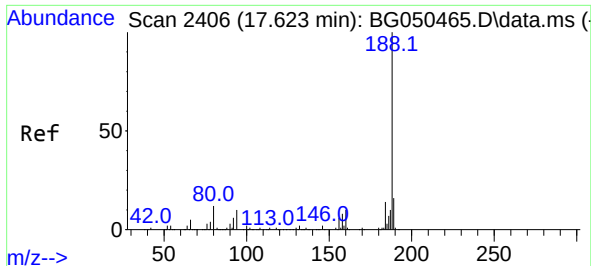


#45
2-Fluorobiphenyl
Concen: 53.976 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29



Tgt Ion:172 Resp: 490301
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.9 18.6 27.8

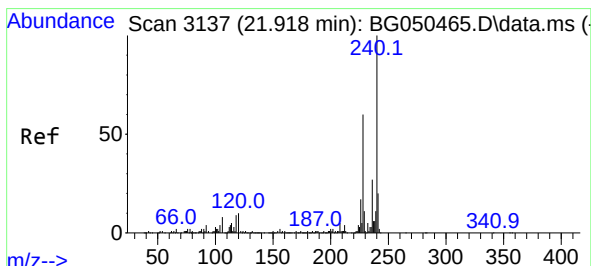
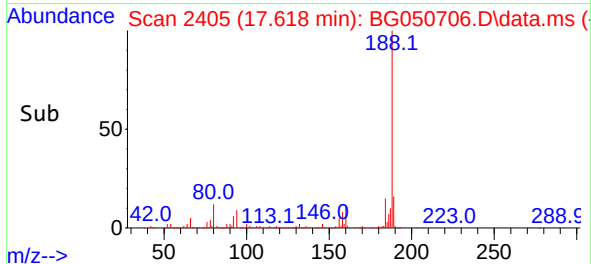
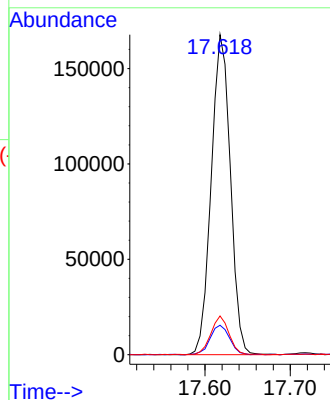
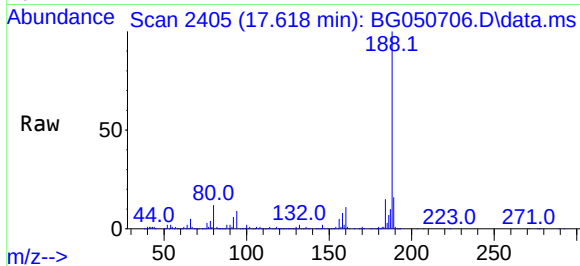




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

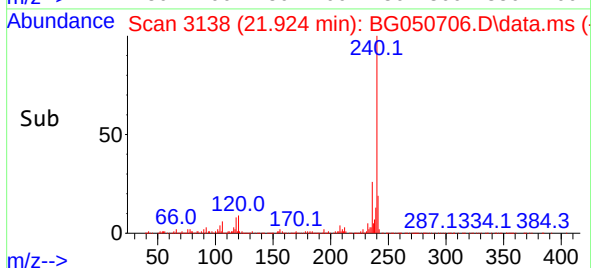
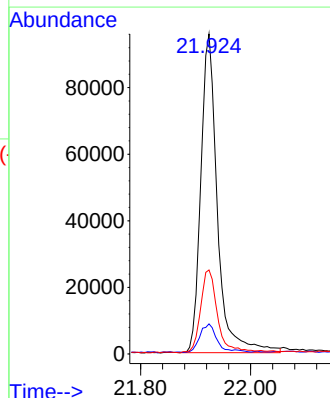
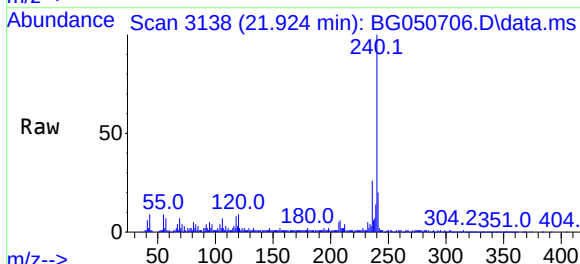
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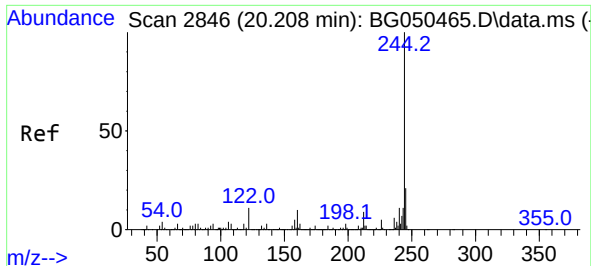
Tgt Ion:188 Resp: 261530
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 12.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:240 Resp: 200659
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.3 21.8 32.6

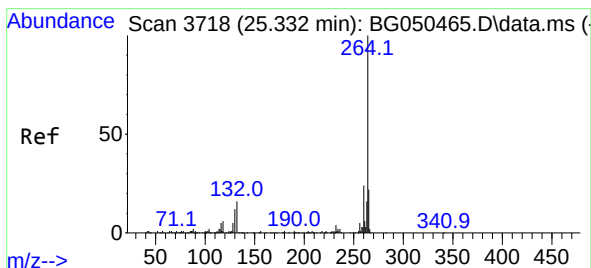
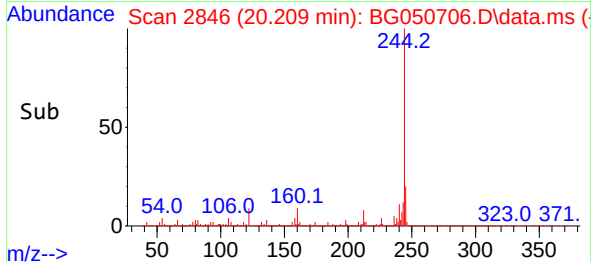
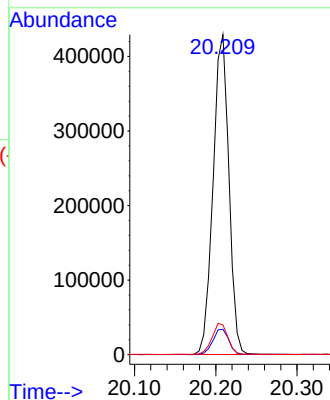
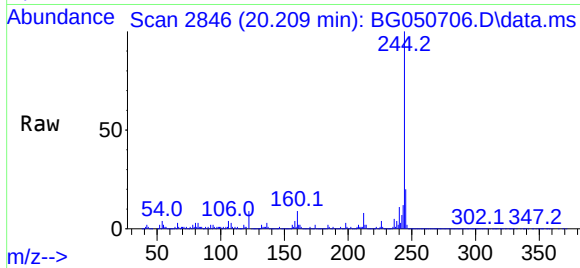




#79
Terphenyl-d14
Concen: 56.250 ng
RT: 20.209 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 579172
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.3 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3721
Delta R.T. 0.017 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:264 Resp: 108584
Ion Ratio Lower Upper
264 100
260 26.4 19.4 29.2
265 23.8 16.9 25.3

