

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050504.D
 Acq On : 8 Oct 2021 10:19
 Operator : CG/JU
 Sample : PB139722BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139722BL

Quant Time: Oct 08 13:25:22 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	8.264	152	46458	20.00	ng	0.00
21) Naphthalene-d8	11.090	136	185945	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	119442	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	267441	20.00	ng	# 0.00
76) Chrysene-d12	21.924	240	252198	20.00	ng	# 0.00
86) Perylene-d12	25.344	264	250490	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	424141	136.54	ng	0.00
7) Phenol-d6	7.400	99	552595	122.86	ng	0.00
23) Nitrobenzene-d5	9.433	82	399569	88.95	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	154057	135.22	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	711804	89.69	ng	0.00
79) Terphenyl-d14	20.215	244	1131251	87.42	ng	0.00

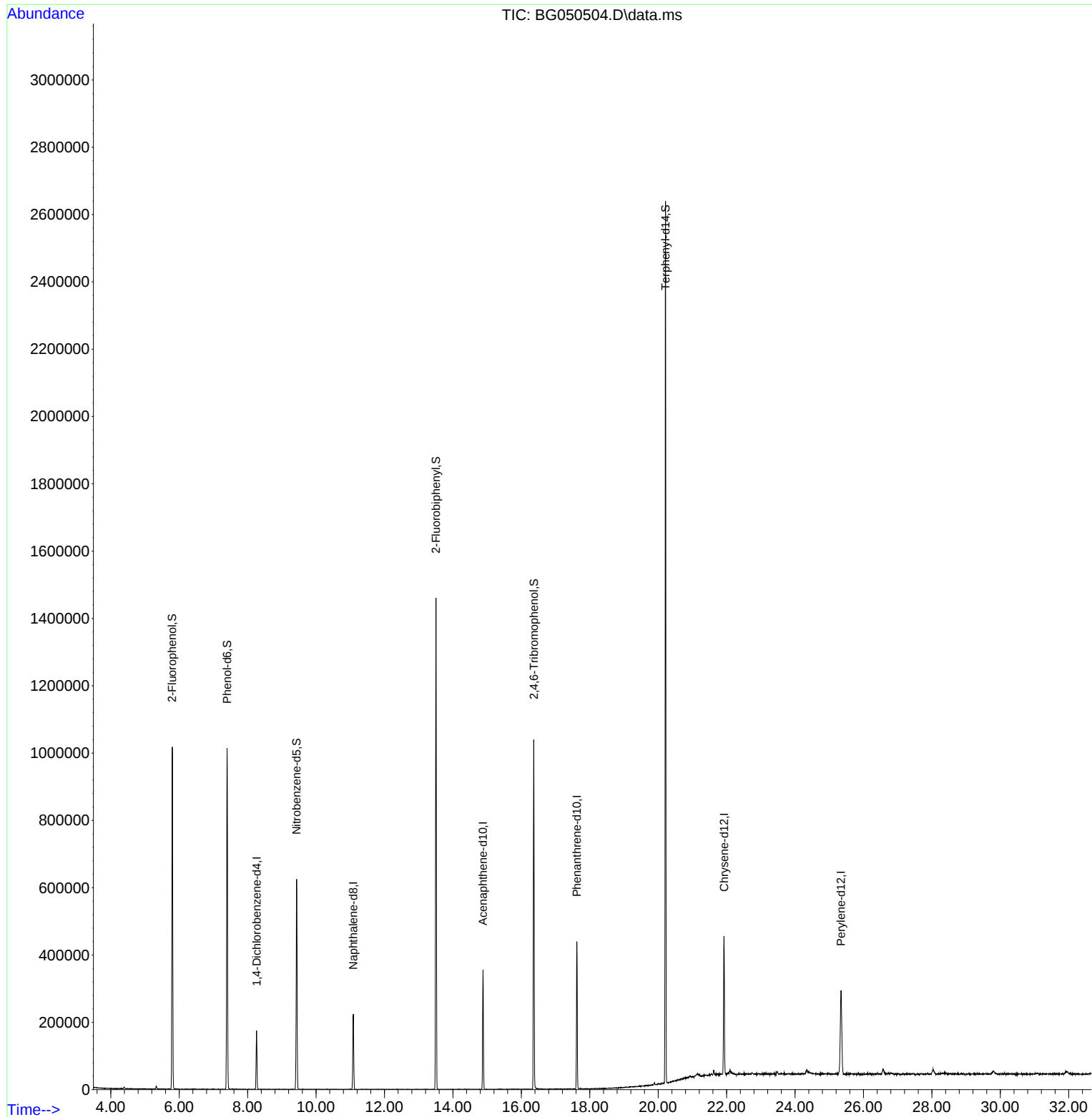
Target Compounds	Qvalue

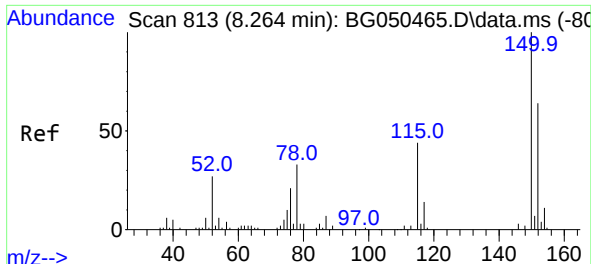
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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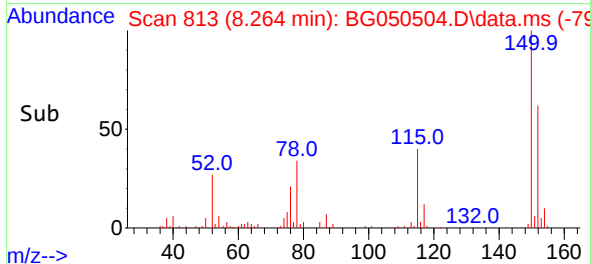
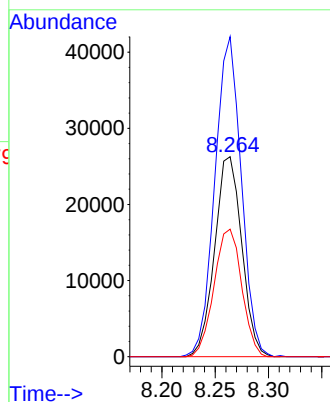
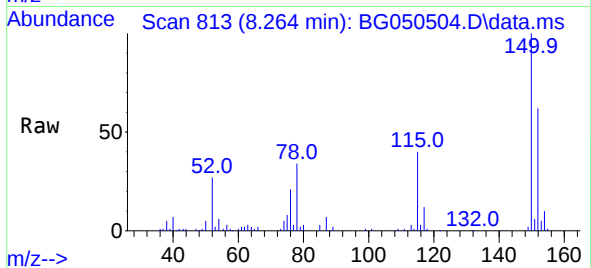




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

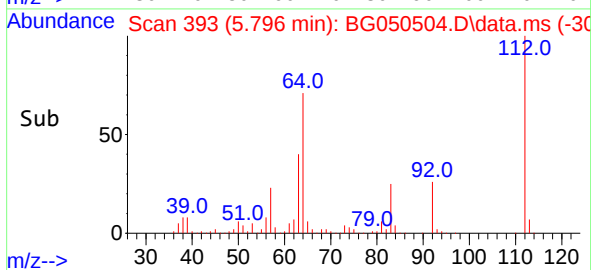
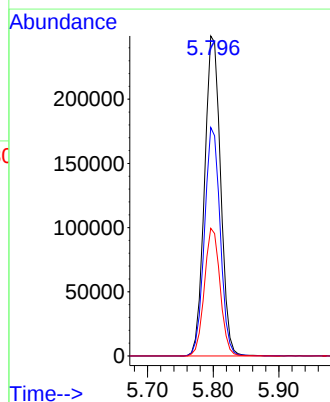
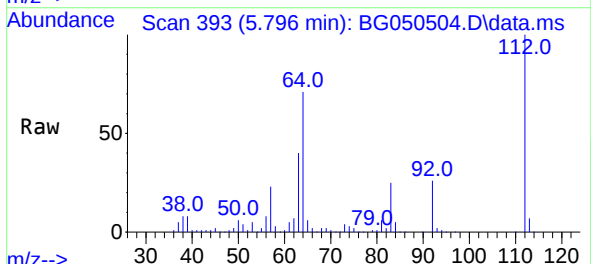
Instrument :
BNA_G
ClientSampleId :
PB139722BL

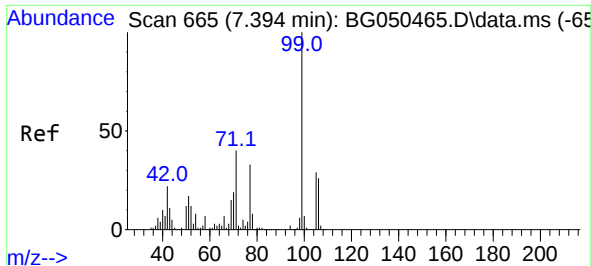
Tgt Ion:152 Resp: 46458
Ion Ratio Lower Upper
152 100
150 160.0 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 136.54 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:112 Resp: 424141
Ion Ratio Lower Upper
112 100
64 71.4 46.7 70.1#
63 39.9 35.3 52.9

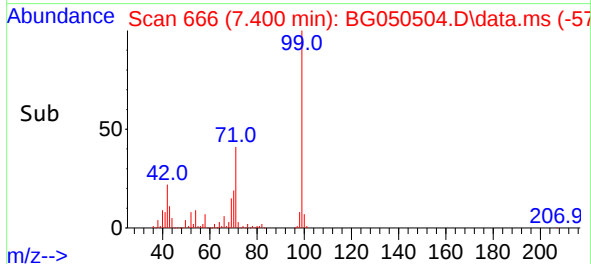
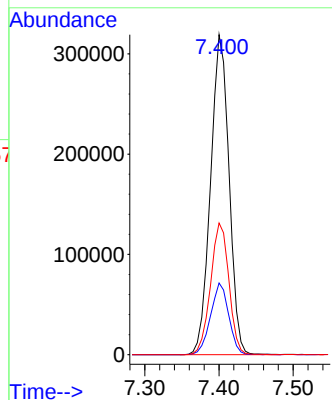
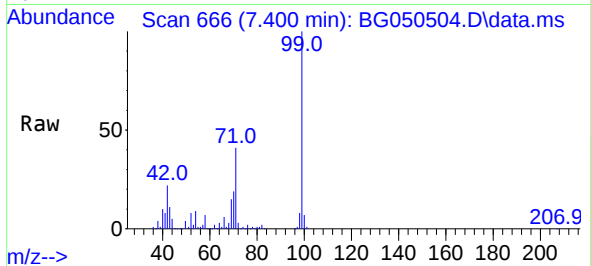




#7
Phenol-d6
Concen: 122.86 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

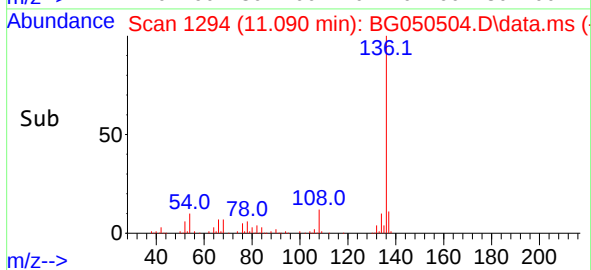
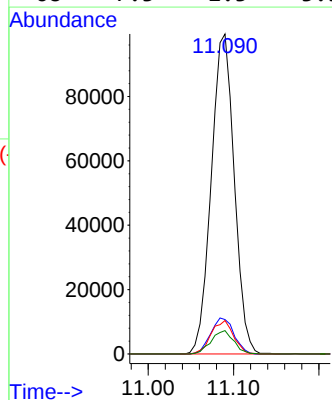
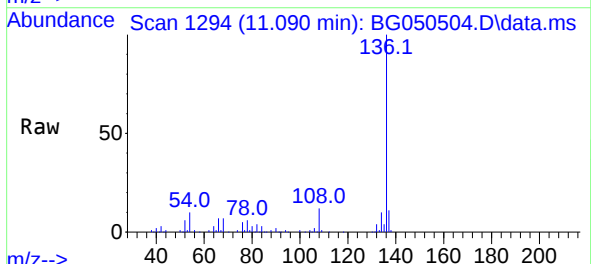
Instrument :
BNA_G
ClientSampleId :
PB139722BL

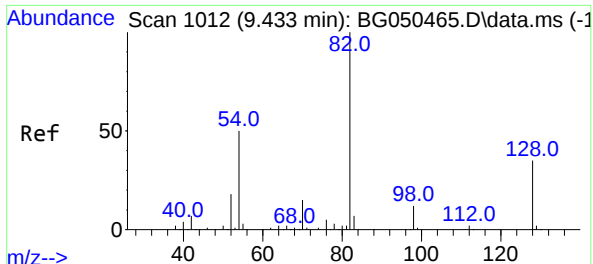
Tgt Ion: 99 Resp: 552595
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 41.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.090 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion: 136 Resp: 185945
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 10.4 5.5 8.3#
68 7.3 2.3 3.5#

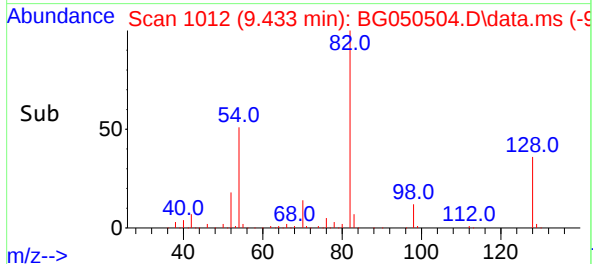
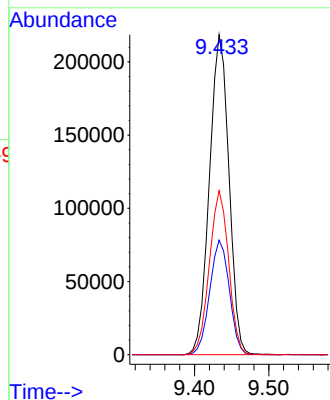
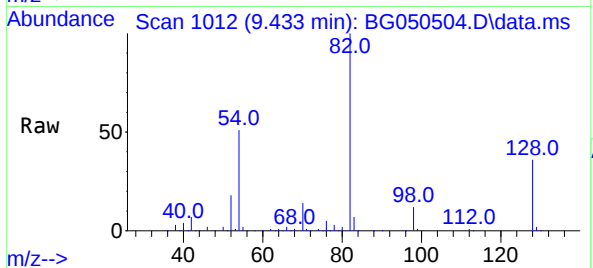




#23
Nitrobenzene-d5
Concen: 88.95 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

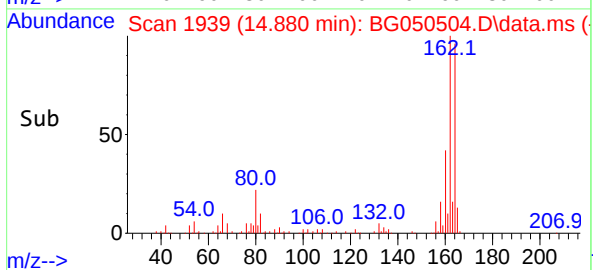
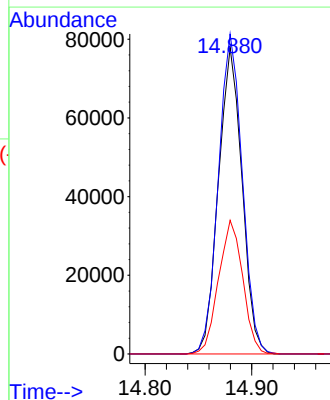
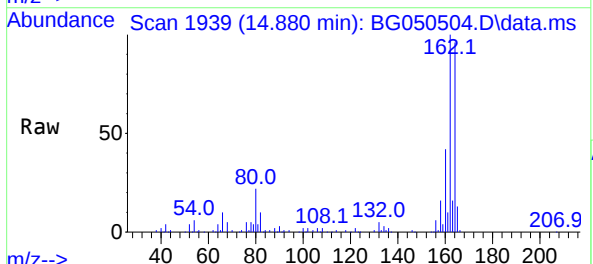
Instrument :
BNA_G
ClientSampleId :
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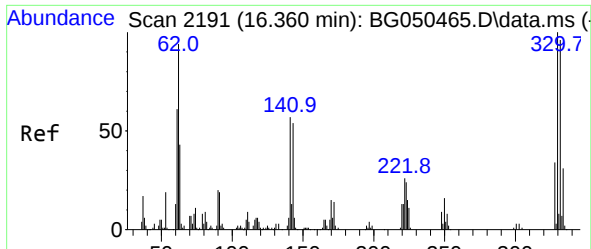
Tgt Ion: 82 Resp: 399569
Ion Ratio Lower Upper
82 100
128 35.8 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

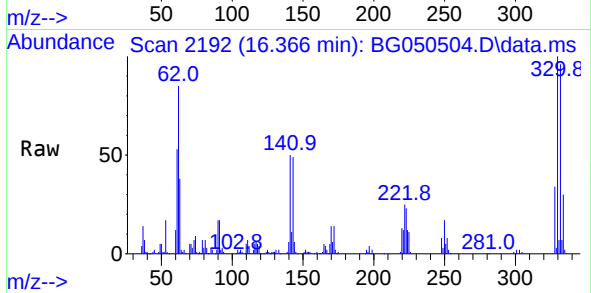
Tgt Ion:164 Resp: 119442
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 43.6 34.9 52.3



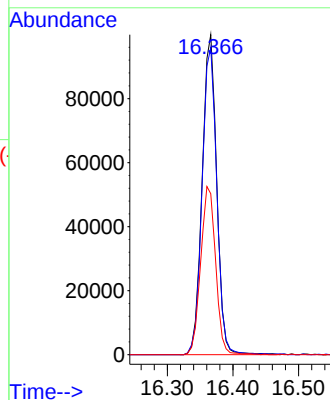
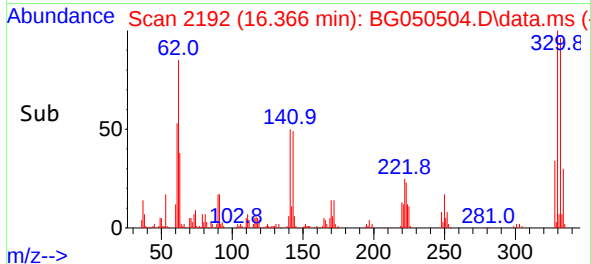


#42
2,4,6-Tribromophenol
Concen: 135.22 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

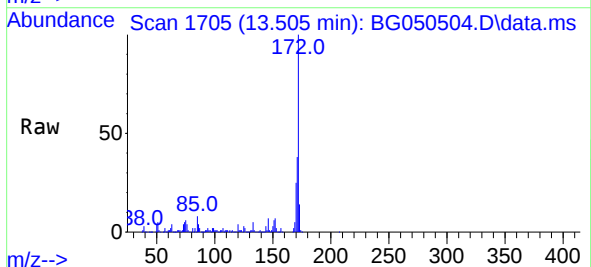
Instrument :
BNA_G
ClientSampleId :
PB139722BL



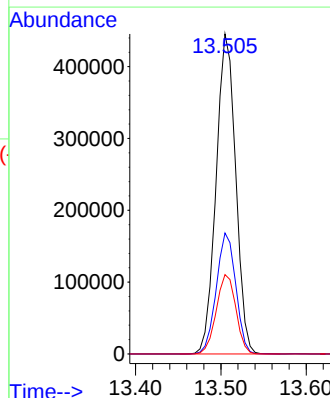
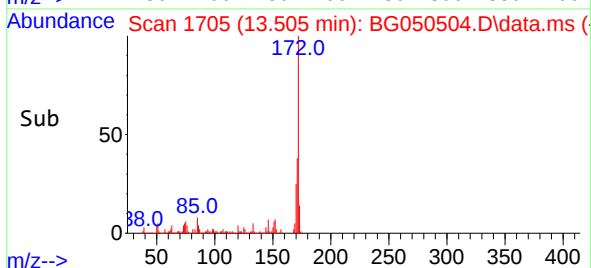
Tgt Ion:330 Resp: 154057
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 54.2 35.6 53.4#

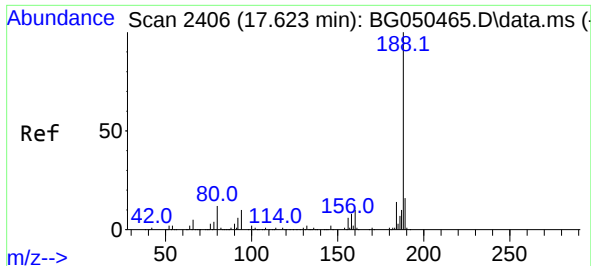


#45
2-Fluorobiphenyl
Concen: 89.69 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19



Tgt Ion:172 Resp: 711804
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.8 18.6 27.8

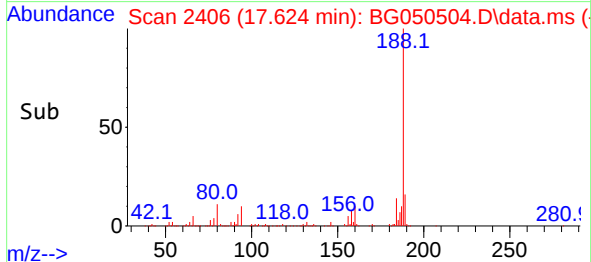
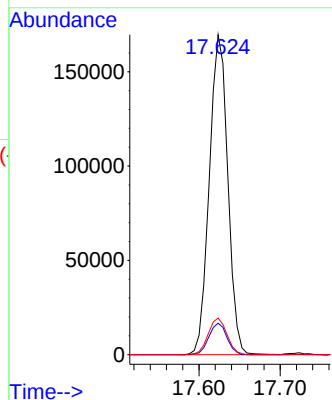
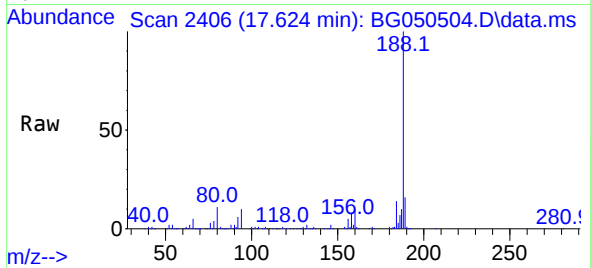




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

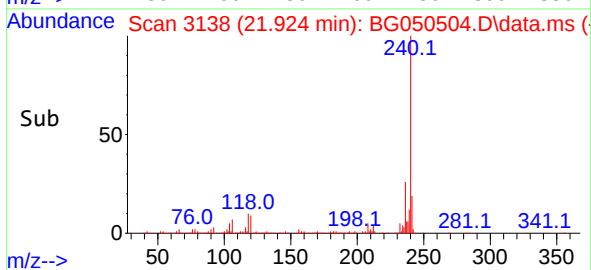
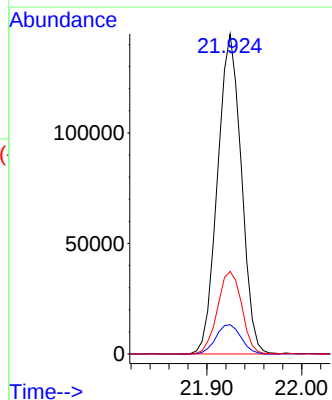
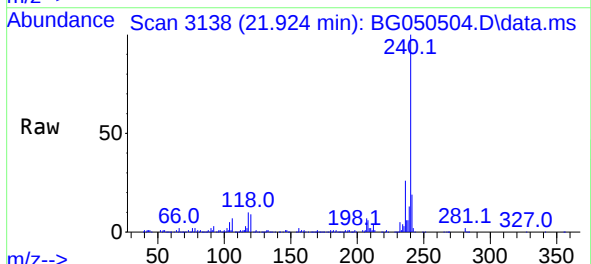
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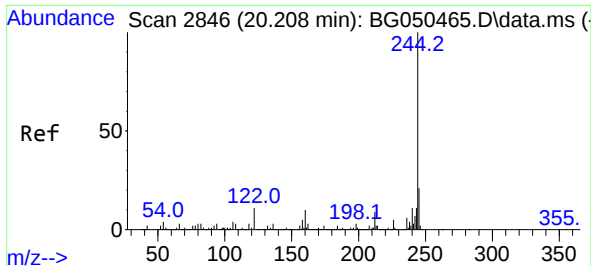
Tgt Ion:188 Resp: 267441
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 11.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG050504.D
Acq: 8 Oct 2021 10:19

Tgt Ion:240 Resp: 252198
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.8 21.8 32.6

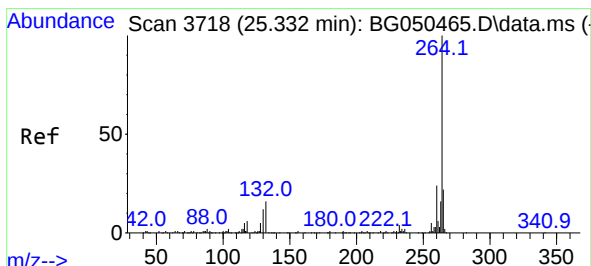
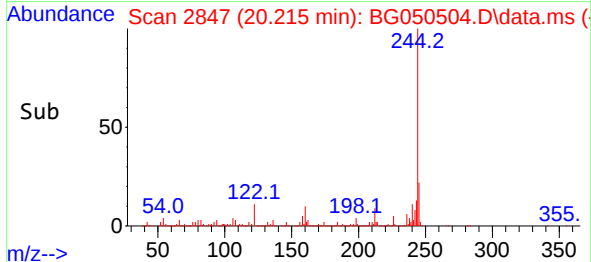
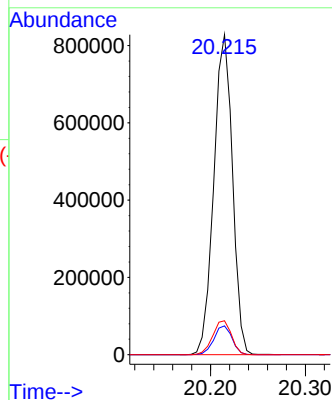
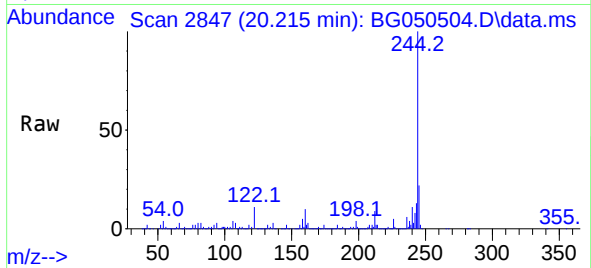




#79
 Terphenyl-d14
 Concen: 87.42 ng
 RT: 20.215 min Scan# 2847
 Delta R.T. 0.006 min
 Lab File: BG050504.D
 Acq: 8 Oct 2021 10:19

Instrument :
 BNA_G
 ClientSampleId :
 PB139722BL

Tgt Ion:244 Resp: 1131251
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 10.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.344 min Scan# 3720
 Delta R.T. 0.012 min
 Lab File: BG050504.D
 Acq: 8 Oct 2021 10:19

Tgt Ion:264 Resp: 250490
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.7 16.9 25.3

