

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050515.D
 Acq On : 8 Oct 2021 18:57
 Operator : CG/JU
 Sample : M4117-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(3-3.5)

Quant Time: Oct 09 01:26:53 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	79298	40.00	ng	0.00
21) Naphthalene-d8	11.085	136	321626	40.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	207073	40.00	ng	0.00
64) Phenanthrene-d10	17.618	188	455364	40.00	ng	# 0.00
76) Chrysene-d12	21.919	240	436231	40.00	ng	# 0.00
86) Perylene-d12	25.333	264	435689	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	264484	99.76	ng	0.00
7) Phenol-d6	7.401	99	368681	96.05	ng	0.00
23) Nitrobenzene-d5	9.434	82	270081	69.52	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	96118	97.33	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	462959	67.30	ng	0.00
79) Terphenyl-d14	20.209	244	719468	64.28	ng	0.00

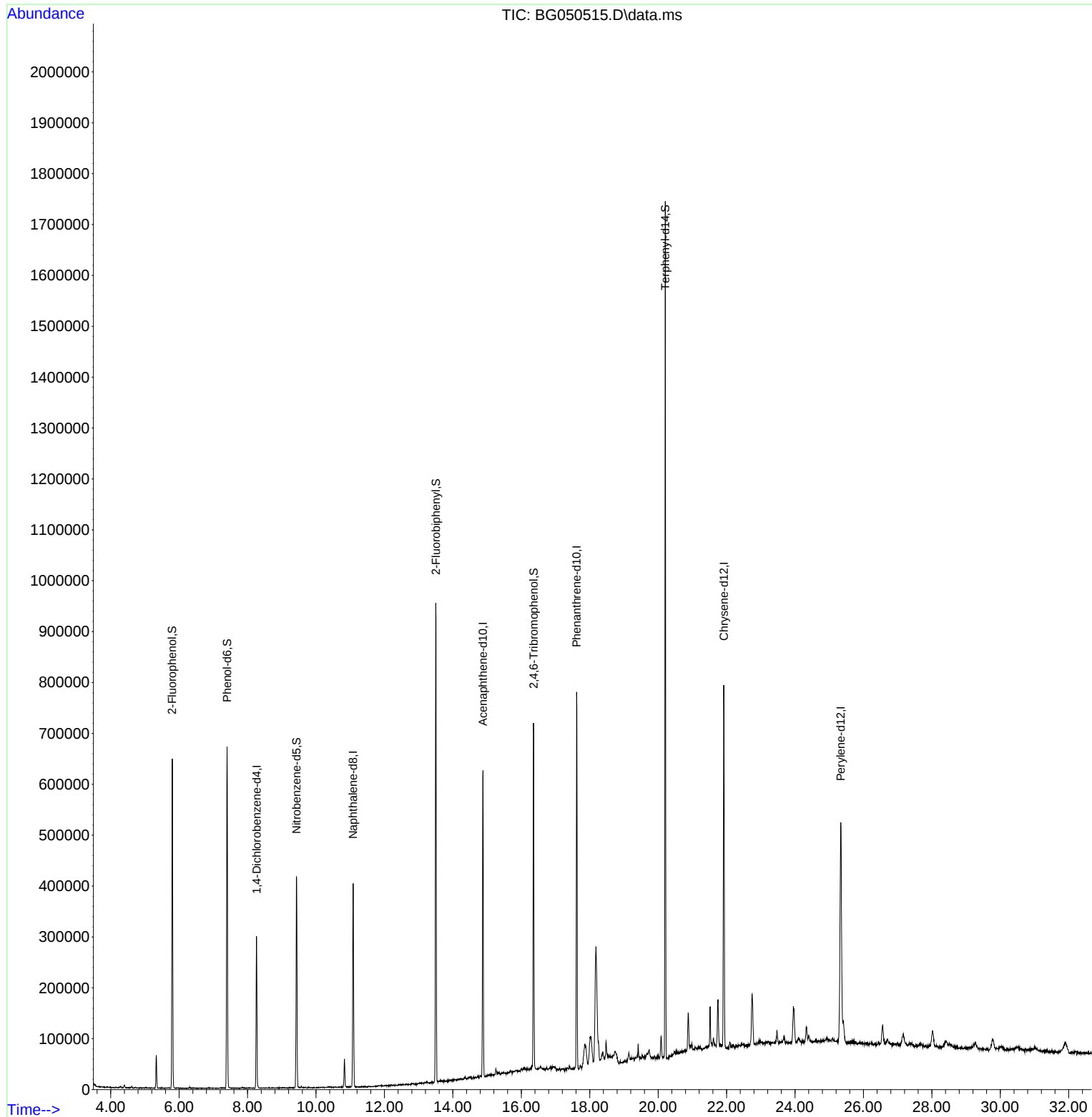
Target Compounds	Qvalue

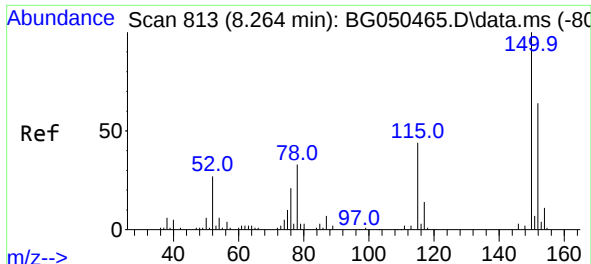
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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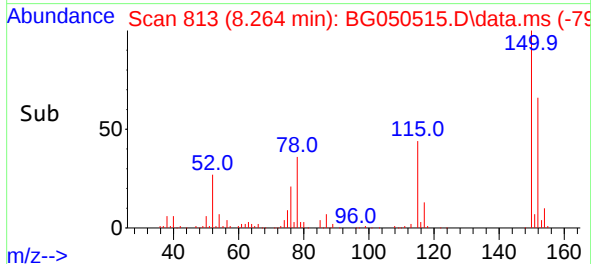
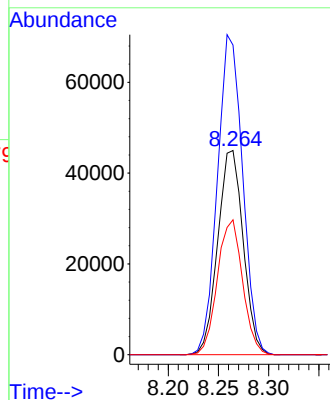
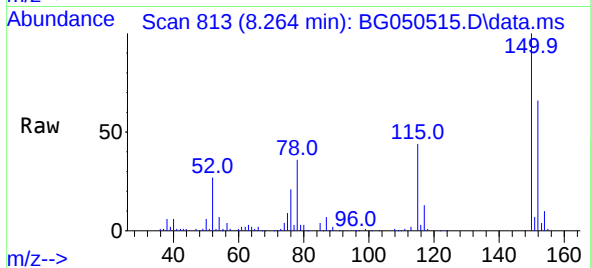




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

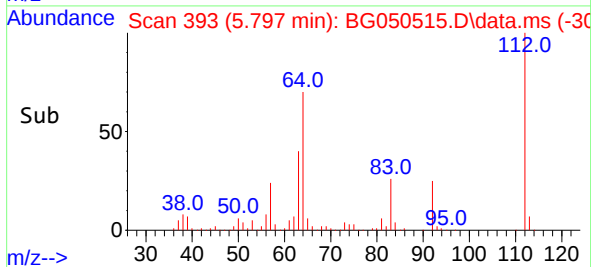
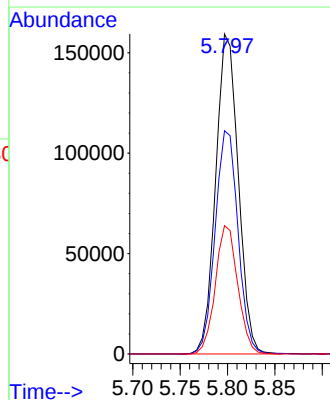
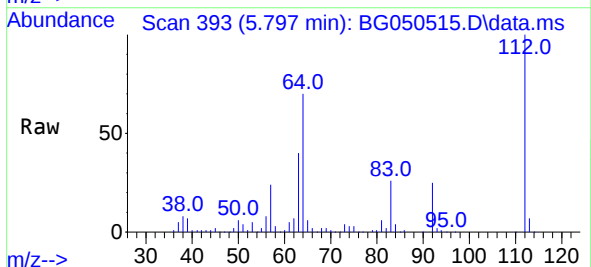
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

Tgt Ion:152 Resp: 79298
Ion Ratio Lower Upper
152 100
150 151.6 119.4 179.0
115 66.1 60.2 90.4



#5
2-Fluorophenol
Concen: 99.76 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:112 Resp: 264484
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 40.1 35.3 52.9

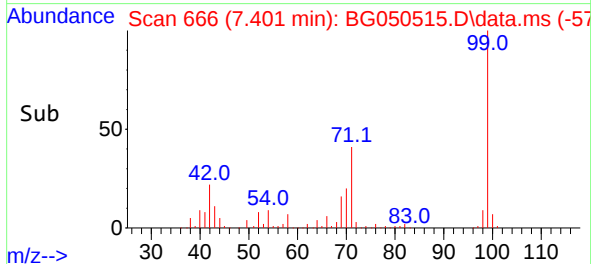
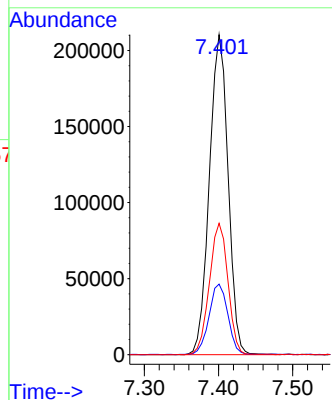
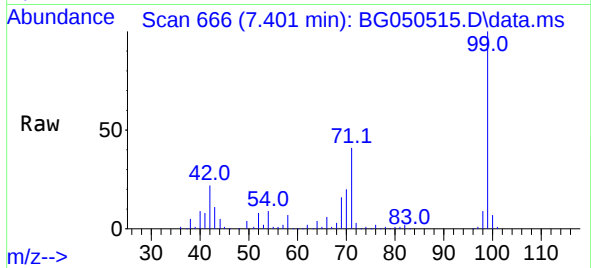




#7
Phenol-d6
Concen: 96.05 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

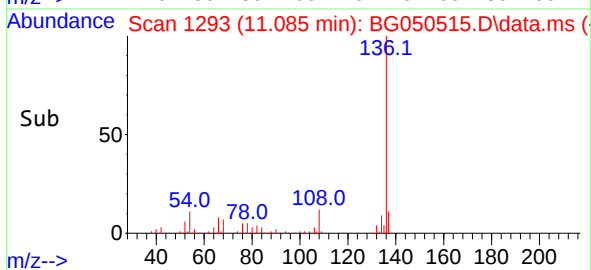
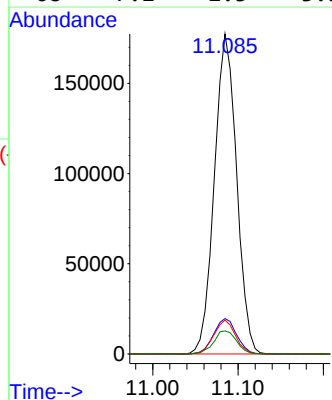
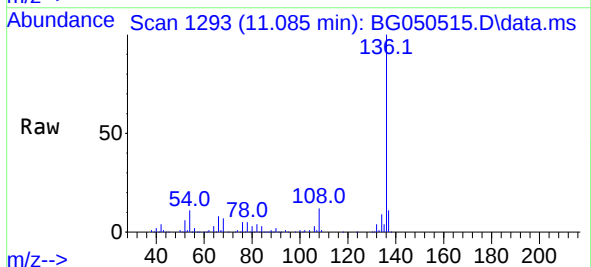
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

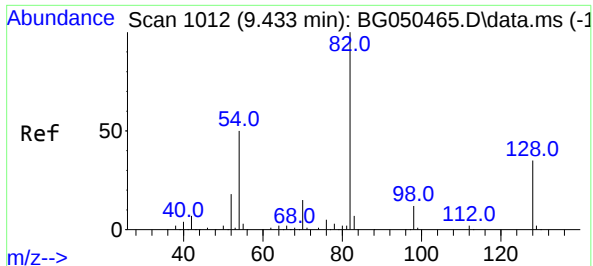
Tgt Ion: 99 Resp: 368681
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:136 Resp: 321626
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 10.6 5.5 8.3#
68 7.2 2.3 3.5#



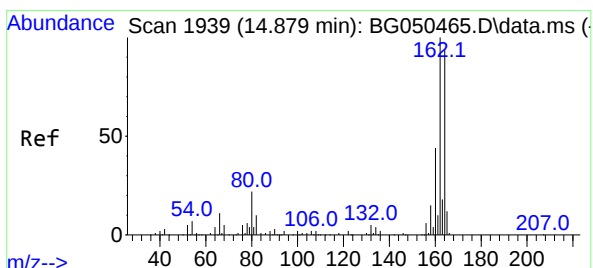
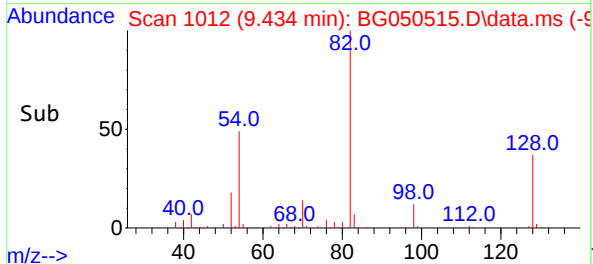
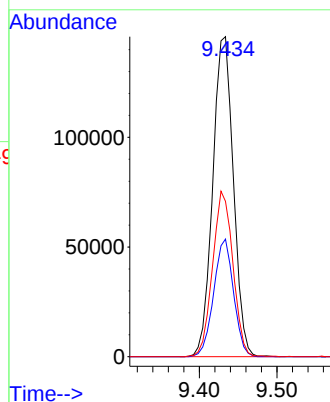
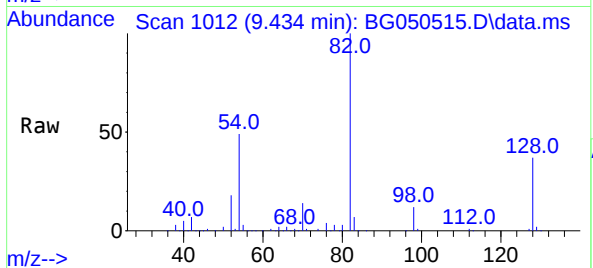


#23
Nitrobenzene-d5
Concen: 69.52 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

Tgt Ion: 82 Resp: 270081

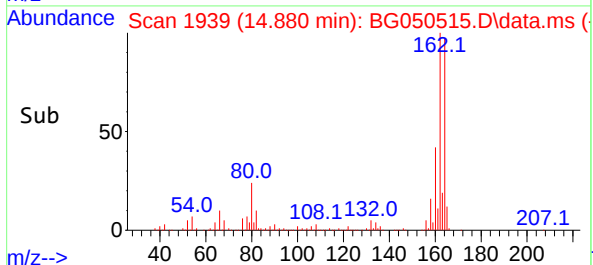
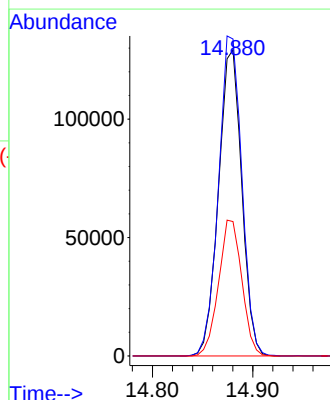
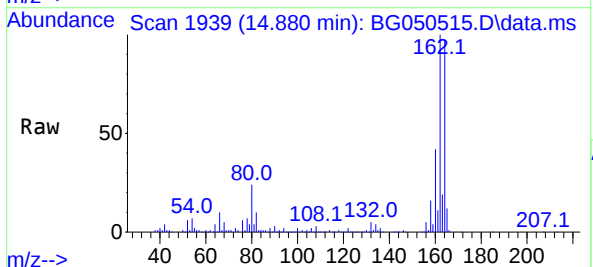
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	48.6	45.8	68.8

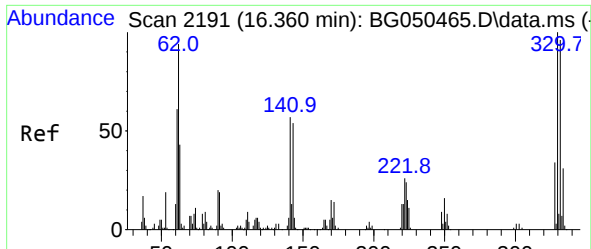


#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion: 164 Resp: 207073

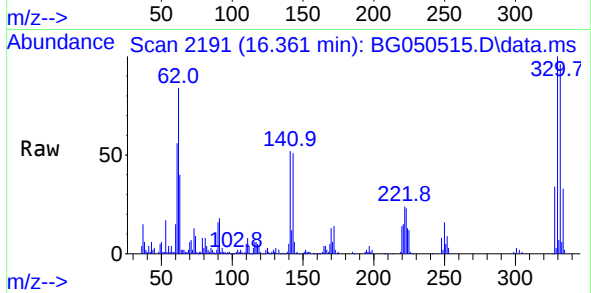
Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	43.9	34.9	52.3



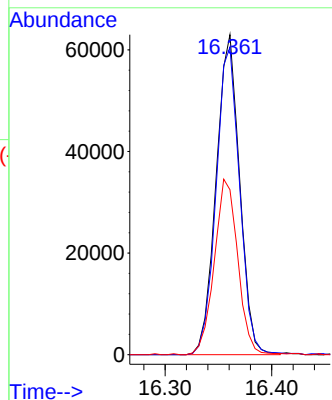
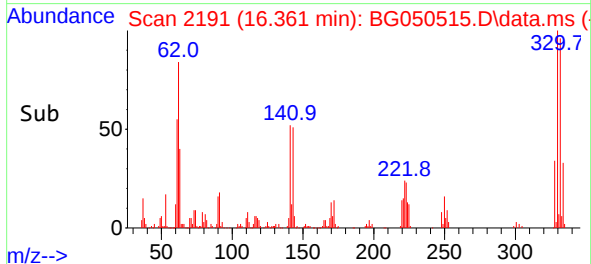


#42
2,4,6-Tribromophenol
Concen: 97.33 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

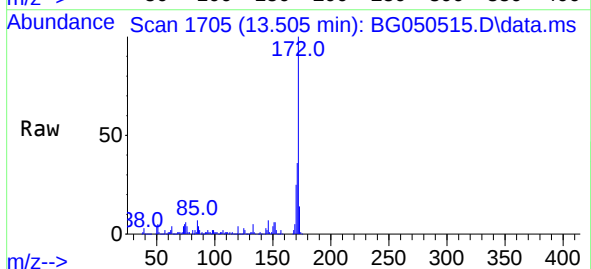
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)



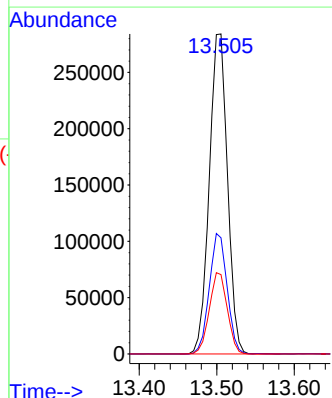
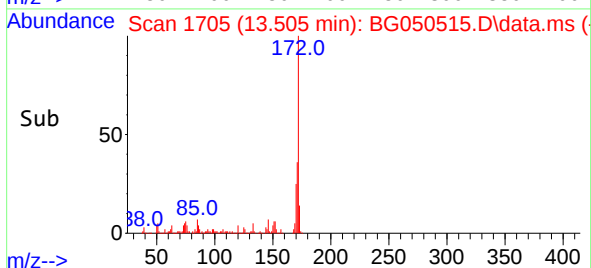
Tgt Ion:330 Resp: 96118
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 55.2 35.6 53.4#

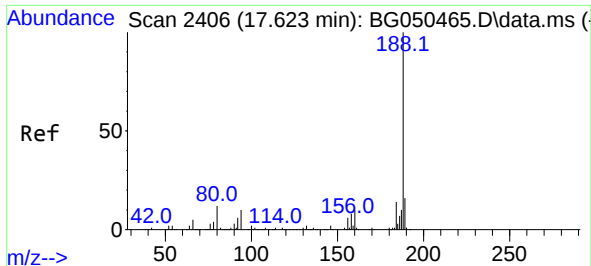


#45
2-Fluorobiphenyl
Concen: 67.30 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57



Tgt Ion:172 Resp: 462959
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.8 18.6 27.8

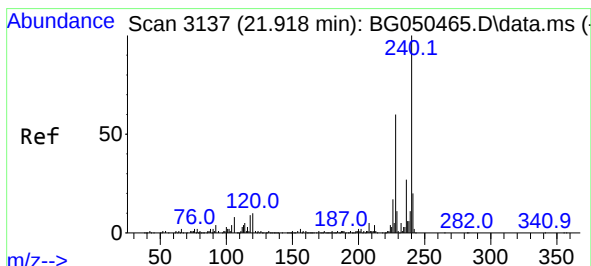
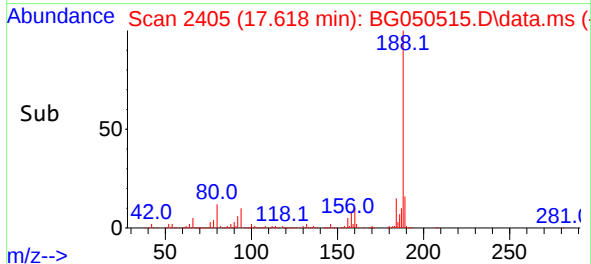
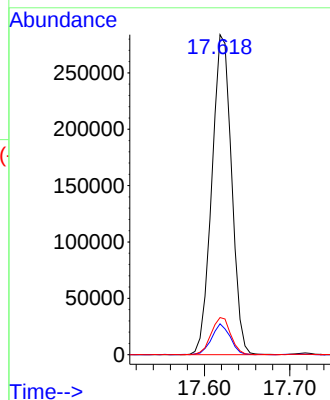
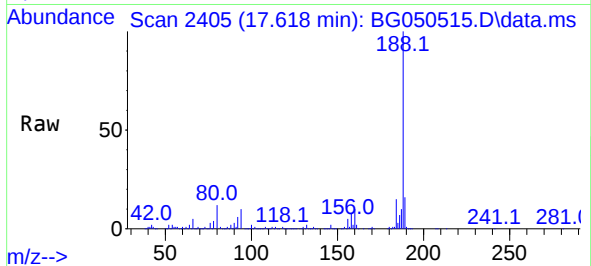




#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

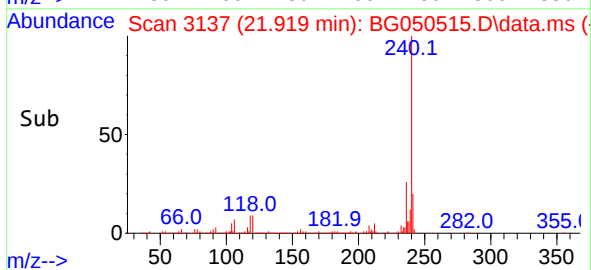
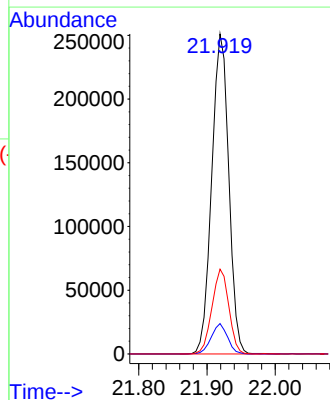
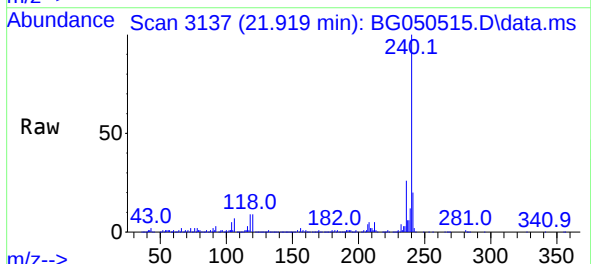
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

Tgt Ion:188 Resp: 455364
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.6 3.7 5.5#



#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:240 Resp: 436231
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.5 21.8 32.6

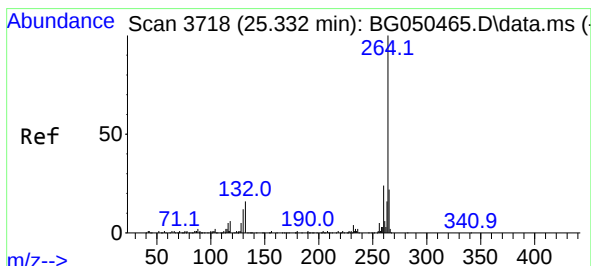
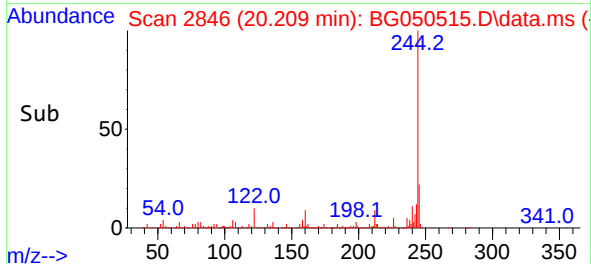
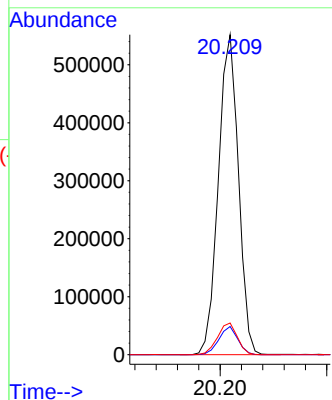
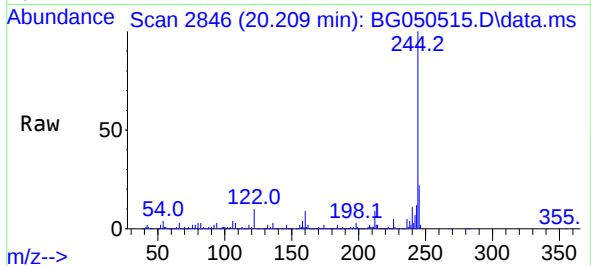




#79
 Terphenyl-d14
 Concen: 64.28 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050515.D
 Acq: 8 Oct 2021 18:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(3-3.5)

Tgt Ion:244 Resp: 719468
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 9.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050515.D
 Acq: 8 Oct 2021 18:57

Tgt Ion:264 Resp: 435689
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.2 16.9 25.3

