

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050506.D
 Acq On : 8 Oct 2021 12:38
 Operator : CG/JU
 Sample : M4112-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-SLAB

Quant Time: Oct 08 13:28:04 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	43675	20.00	ng	0.00
21) Naphthalene-d8	11.084	136	180322	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	114383	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	254451	20.00	ng	# 0.00
76) Chrysene-d12	21.925	240	235358	20.00	ng	# 0.00
86) Perylene-d12	25.344	264	236630	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	176579	60.46	ng	0.01
7) Phenol-d6	7.401	99	395580	93.56	ng	0.00
23) Nitrobenzene-d5	9.433	82	299785	68.82	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	11683	10.71	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	513091	67.51	ng	0.00
79) Terphenyl-d14	20.215	244	796786	65.98	ng	0.00

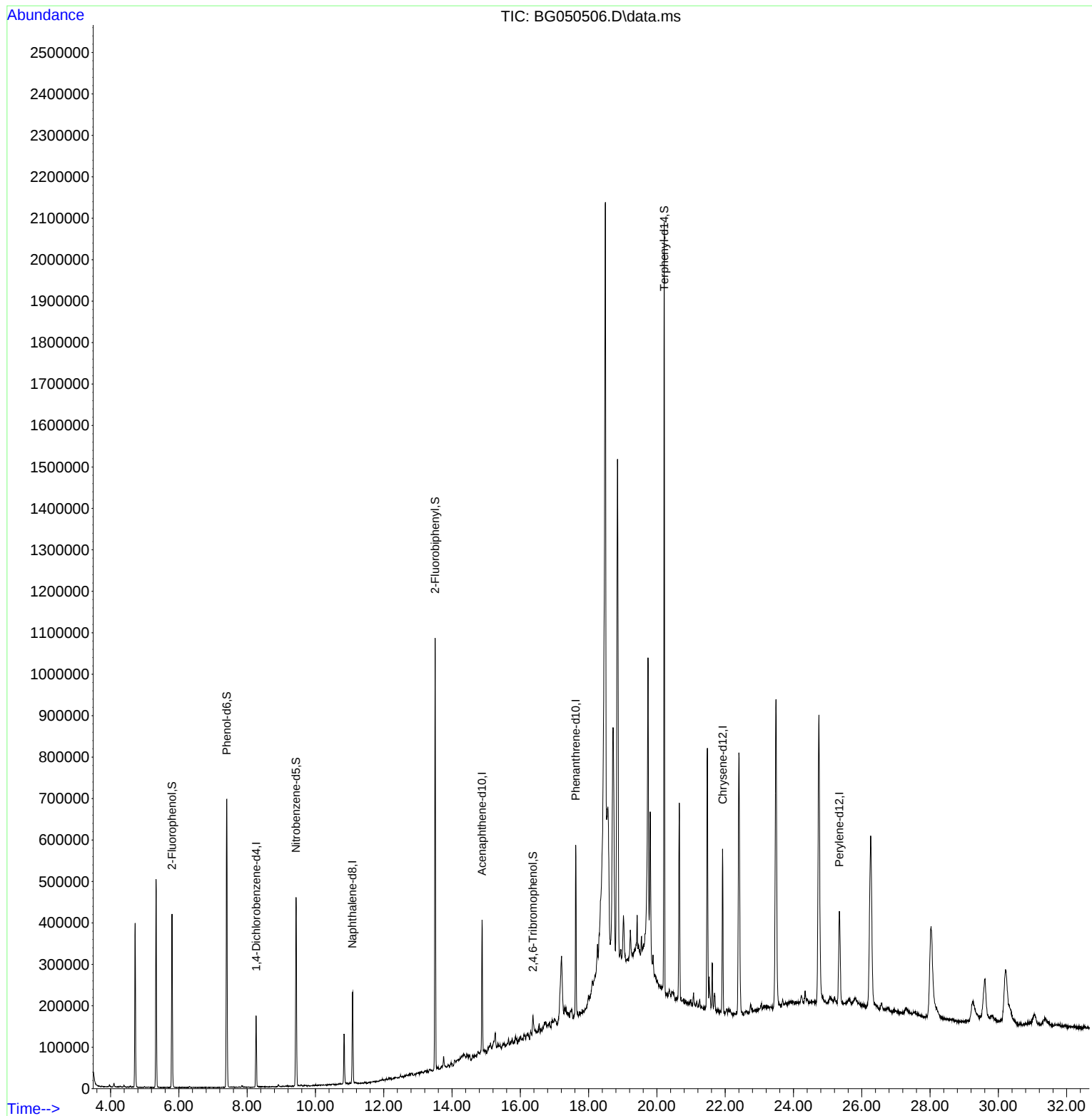
Target Compounds	Qvalue

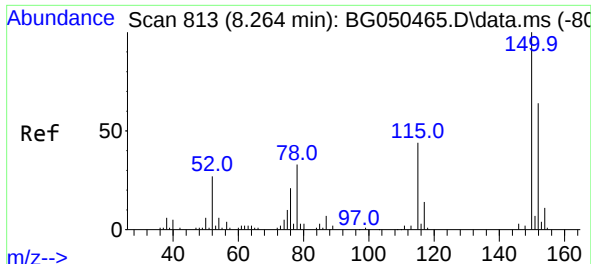
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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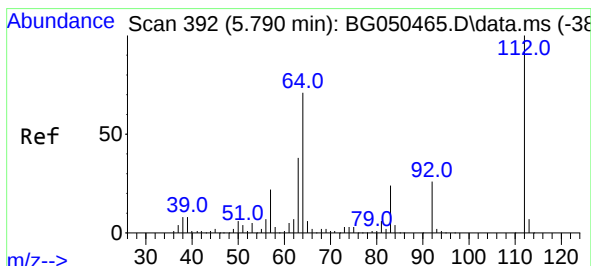
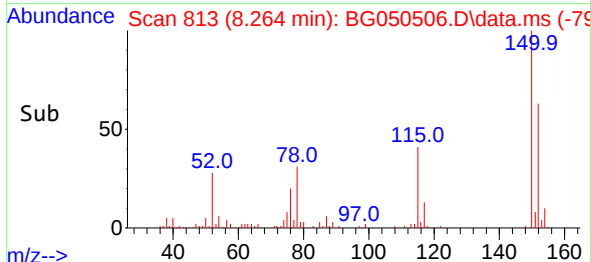
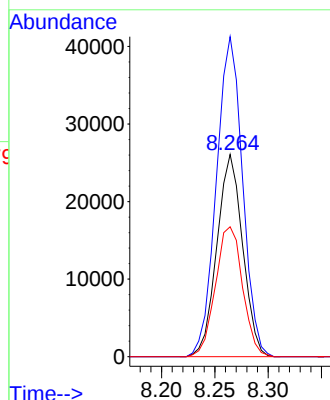
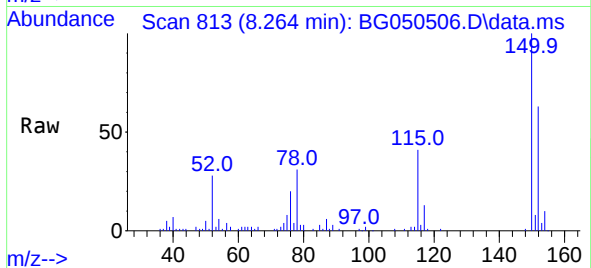




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

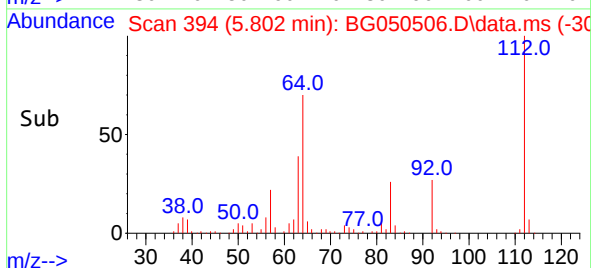
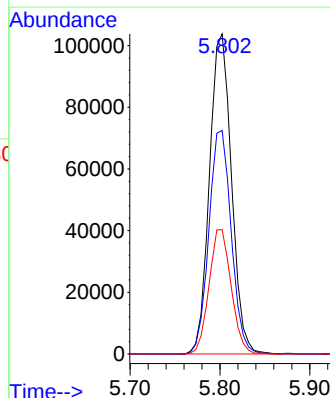
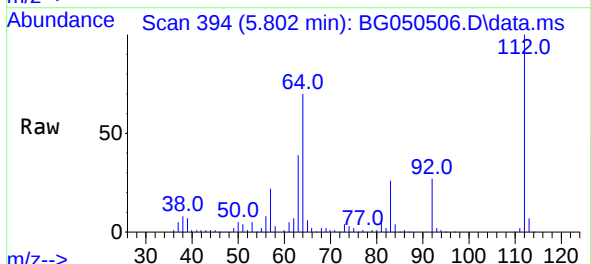
Instrument :
BNA_G
ClientSampled :
1-SLAB

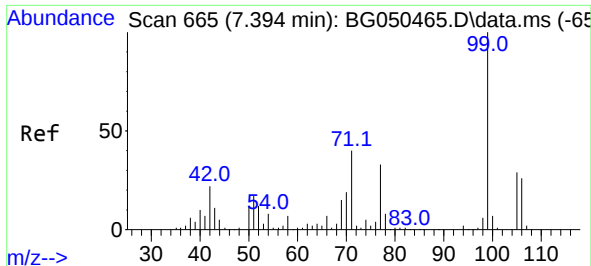
Tgt Ion:152 Resp: 43675
Ion Ratio Lower Upper
152 100
150 158.3 119.4 179.0
115 64.3 60.2 90.4



#5
2-Fluorophenol
Concen: 60.46 ng
RT: 5.802 min Scan# 394
Delta R.T. 0.012 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:112 Resp: 176579
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 38.8 35.3 52.9

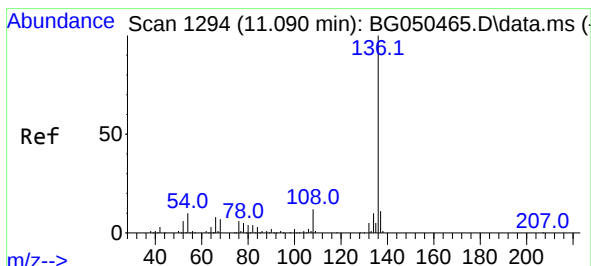
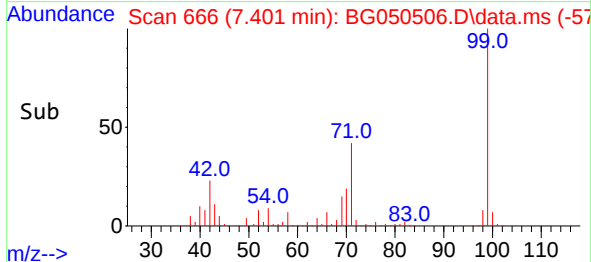
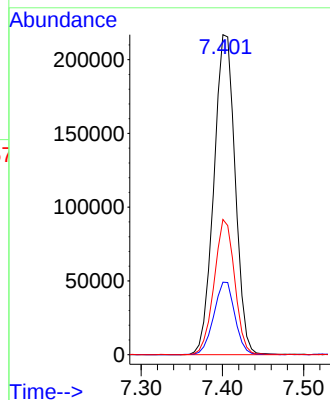
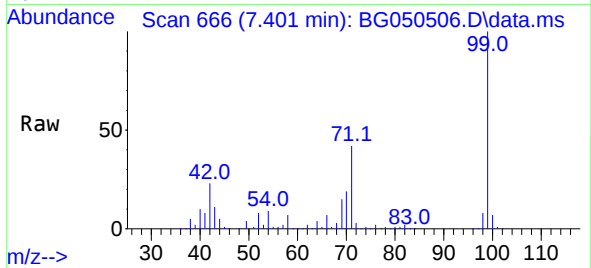




#7
Phenol-d6
Concen: 93.56 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

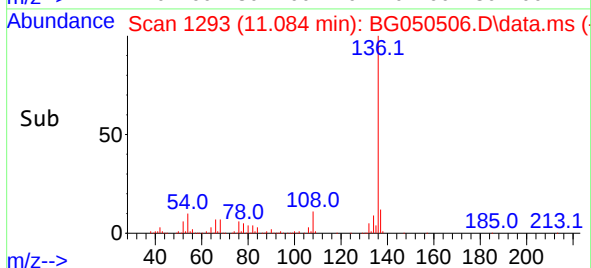
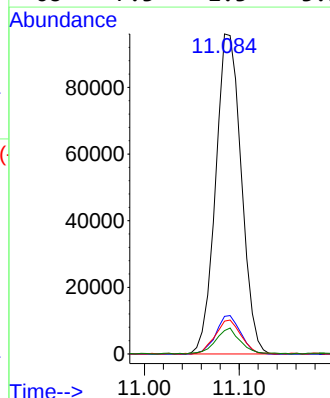
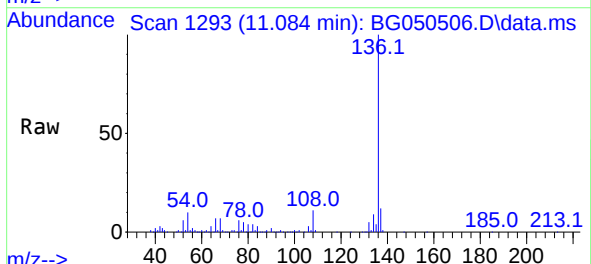
Instrument :
BNA_G
ClientSampled :
1-SLAB

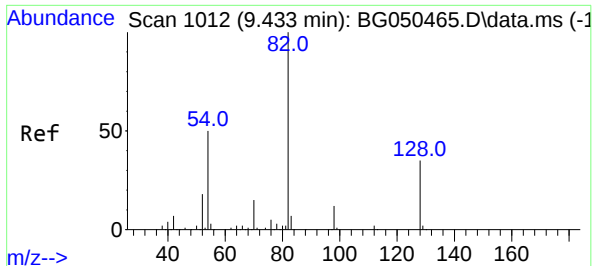
Tgt Ion: 99 Resp: 395580
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 42.3 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:136 Resp: 180322
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 10.3 5.5 8.3#
68 7.3 2.3 3.5#

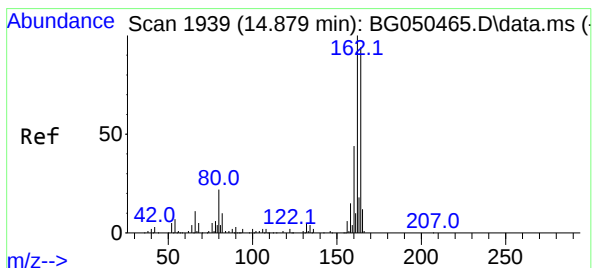
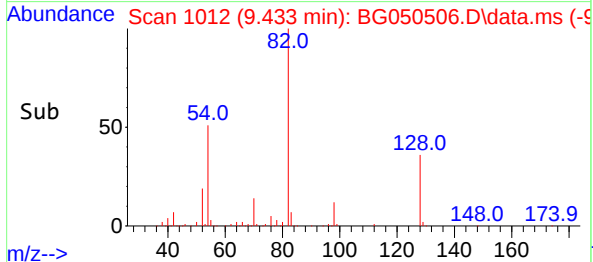
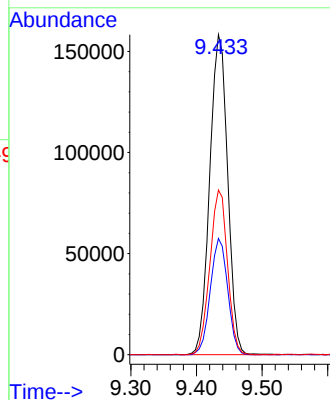
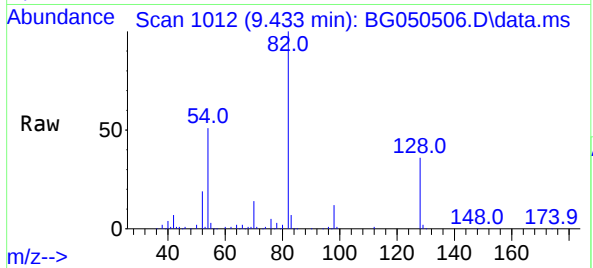




#23
Nitrobenzene-d5
Concen: 68.82 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

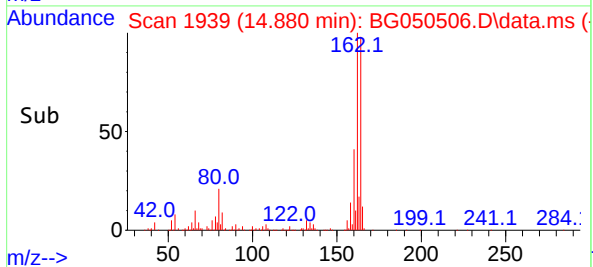
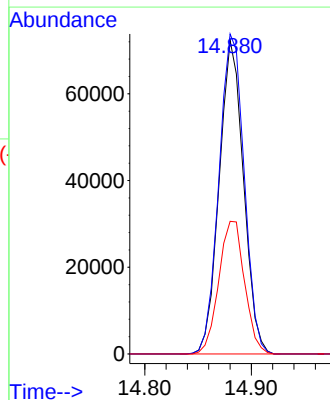
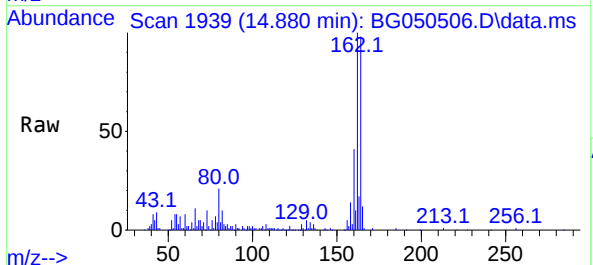
Instrument :
BNA_G
ClientSampled :
1-SLAB

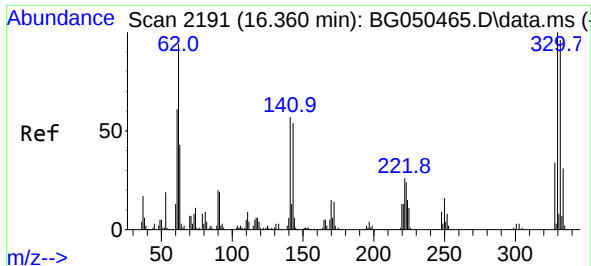
Tgt Ion: 82 Resp: 299785
Ion Ratio Lower Upper
82 100
128 36.3 29.8 44.6
54 51.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:164 Resp: 114383
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 42.3 34.9 52.3

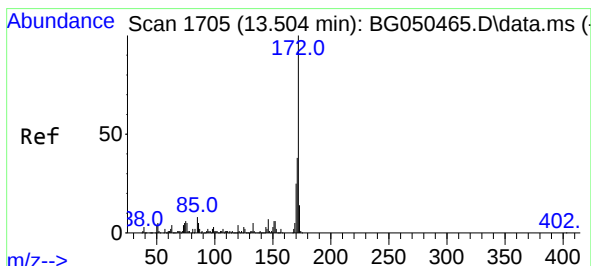
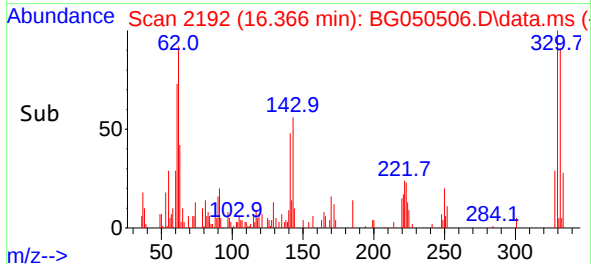
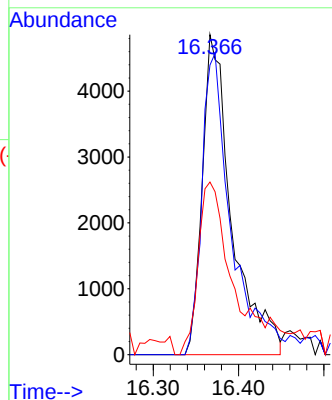
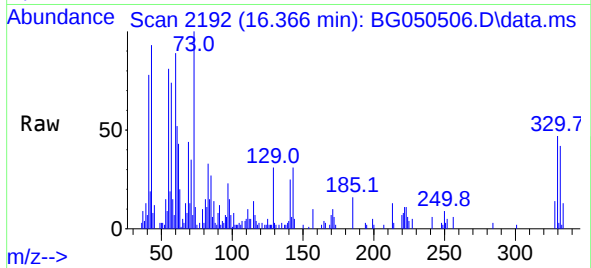




#42
2,4,6-Tribromophenol
Concen: 10.71 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

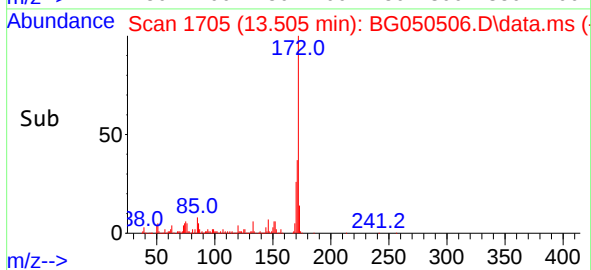
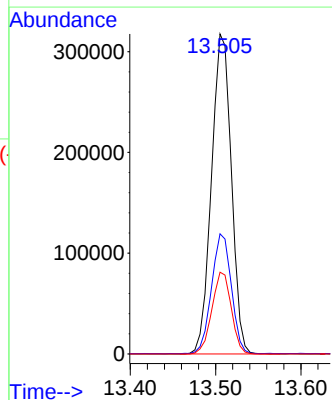
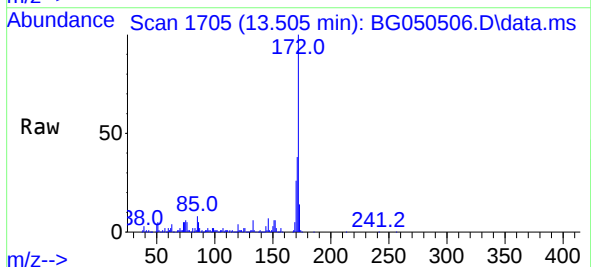
Instrument :
BNA_G
ClientSampleId :
1-SLAB

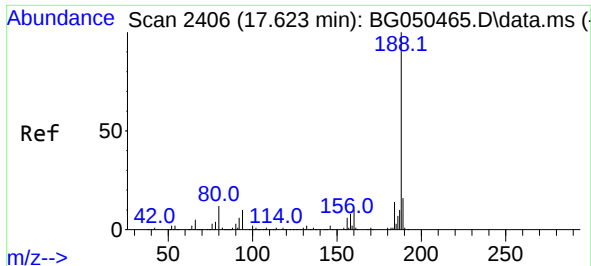
Tgt Ion:330 Resp: 11683
Ion Ratio Lower Upper
330 100
332 93.7 77.3 115.9
141 53.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 67.51 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:172 Resp: 513091
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.6 18.6 27.8

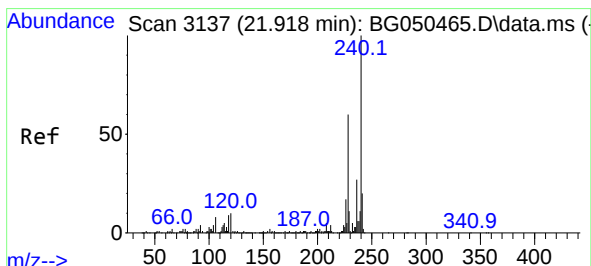
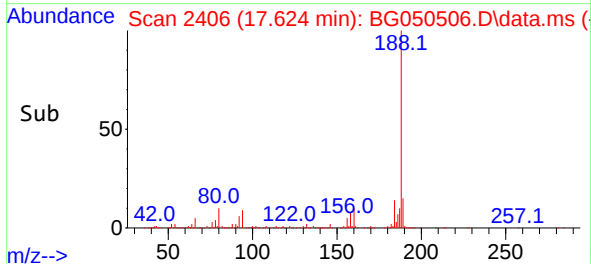
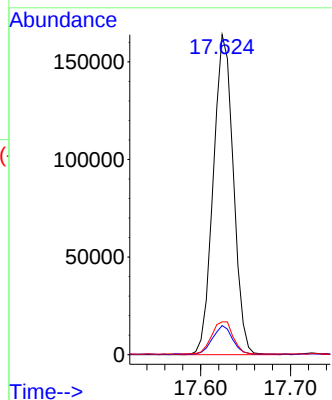
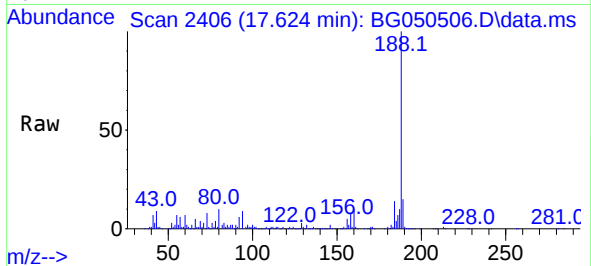




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

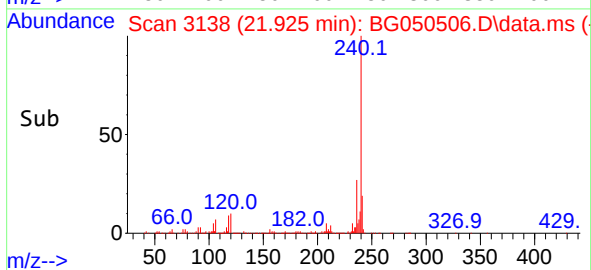
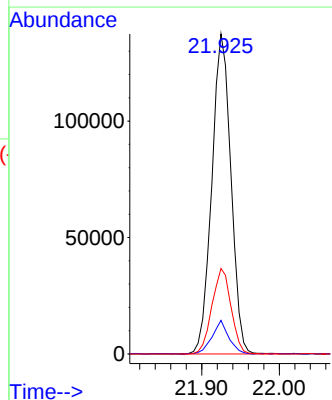
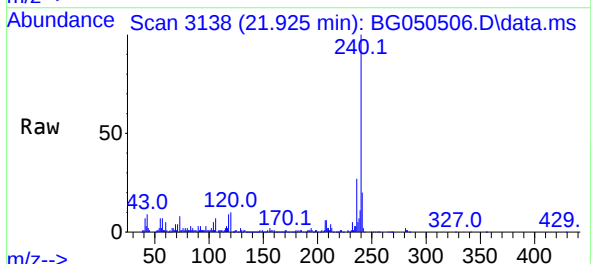
Instrument :
BNA_G
ClientSampled :
1-SLAB

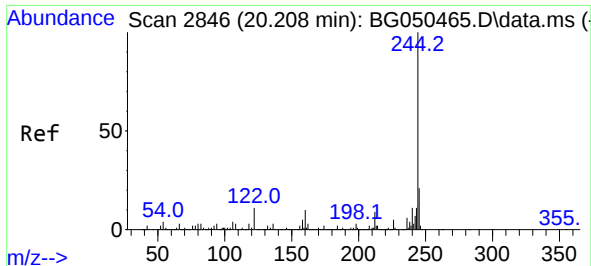
Tgt Ion:188 Resp: 254451
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 10.2 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.007 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:240 Resp: 235358
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 26.7 21.8 32.6

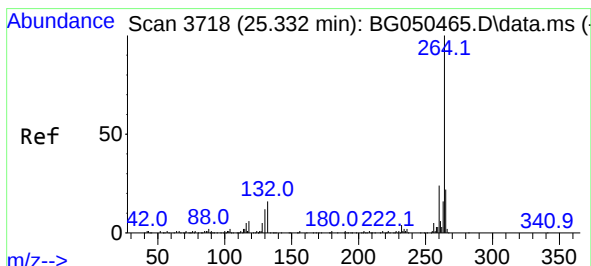
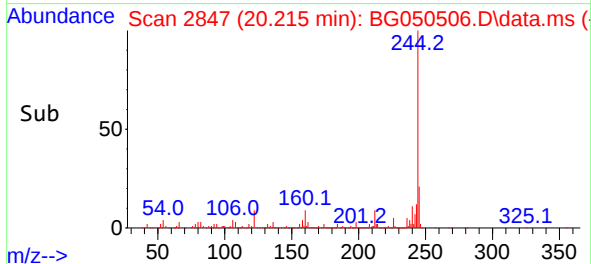
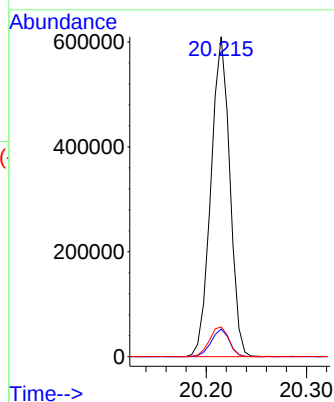
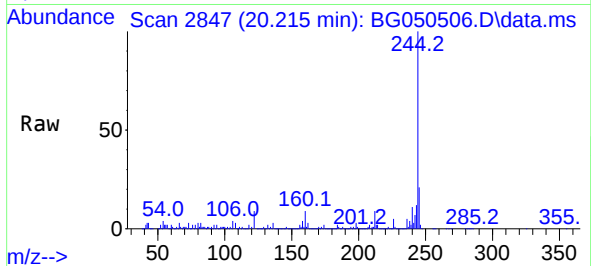




#79
Terphenyl-d14
Concen: 65.98 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.007 min
Lab File: BG050506.D
Acq: 8 Oct 2021 12:38

Instrument :
BNA_G
ClientSampled :
1-SLAB

Tgt Ion:244 Resp: 796786
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 9.3 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: BG050506.D
Acq: 8 Oct 2021 12:38

Tgt Ion:264 Resp: 236630
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.5 16.9 25.3

