

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052506.D
 Acq On : 28 Feb 2022 18:05
 Operator : CG/JU
 Sample : N1664-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 01 01:00:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	29103	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	115161	20.000	ng	#-0.01
39) Acenaphthene-d10	14.863	164	79955	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	201760	20.000	ng	-0.01
76) Chrysene-d12	21.930	240	213719	20.000	ng	-0.01
86) Perylene-d12	25.390	264	212053	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	247379	148.145	ng	0.00
7) Phenol-d6	7.367	99	316954	123.019	ng	0.00
23) Nitrobenzene-d5	9.394	82	254045	95.875	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	171767	149.534	ng	0.00
45) 2-Fluorobiphenyl	13.489	172	550220	95.622	ng	0.00
79) Terphenyl-d14	20.209	244	1172982	96.918	ng	0.00

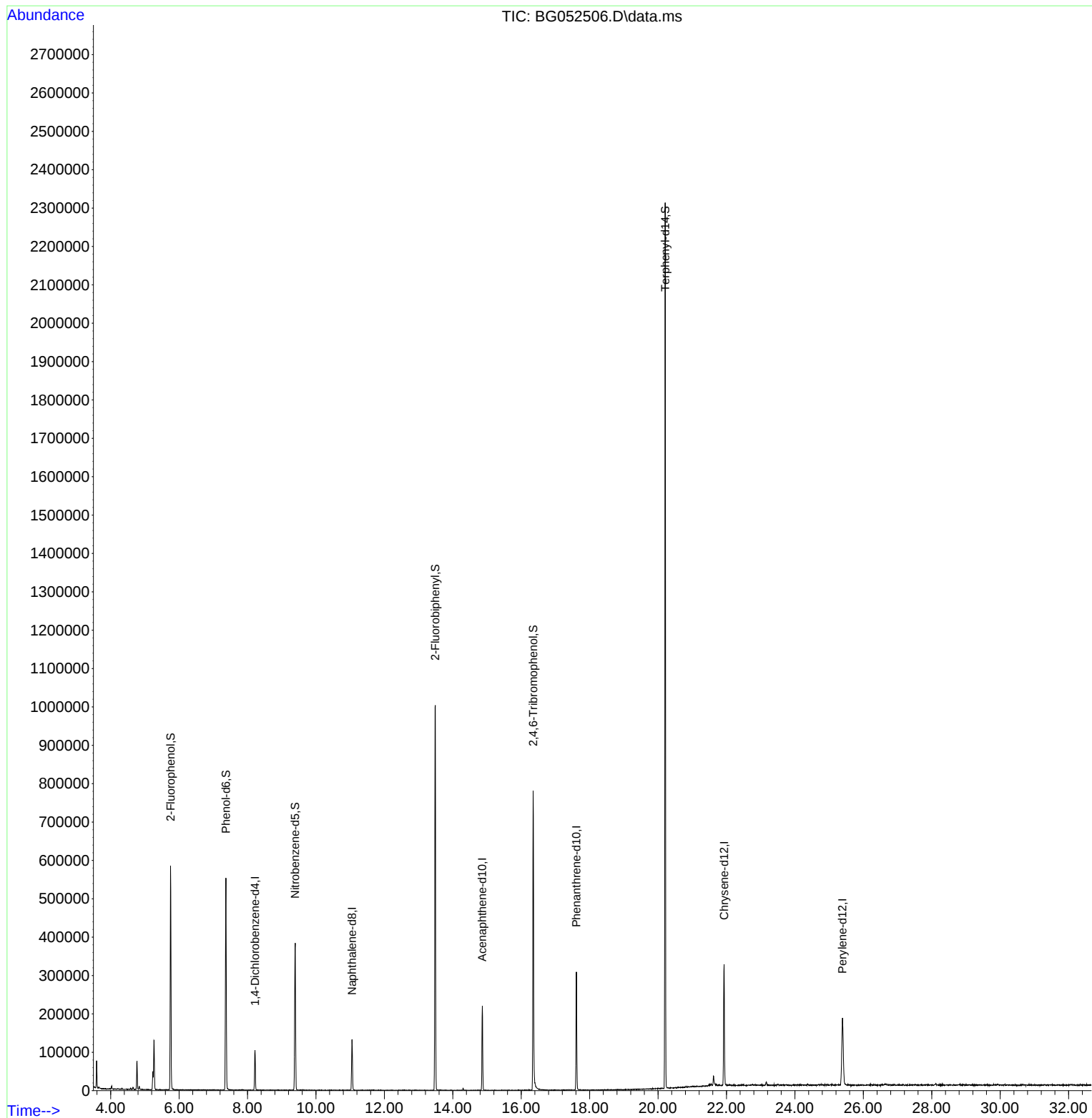
Target Compounds	Qvalue

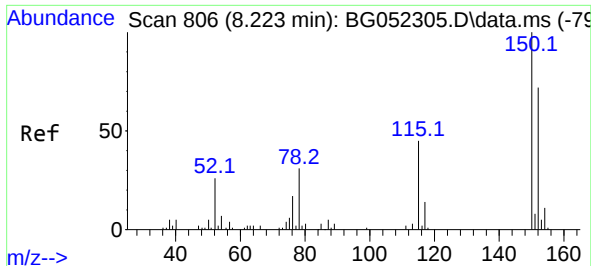
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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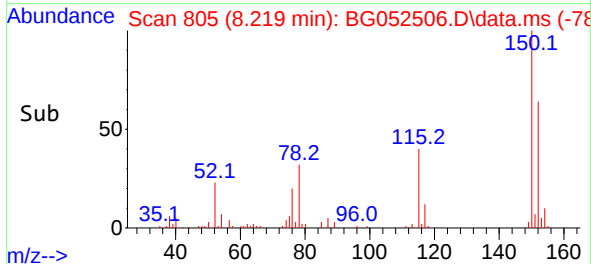
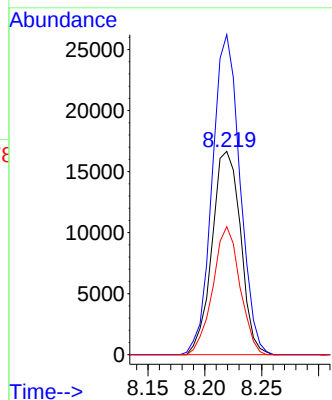
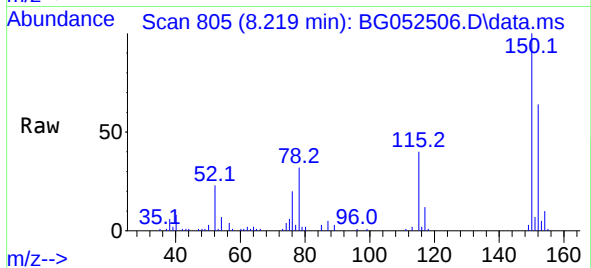




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

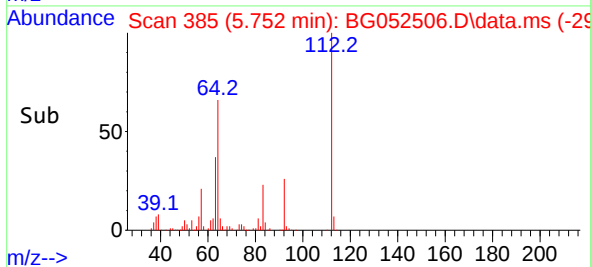
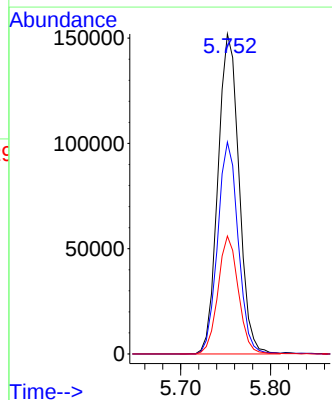
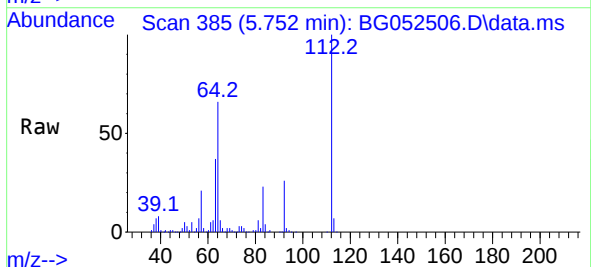
Instrument :
BNA_G
ClientSampleId :
TP-4

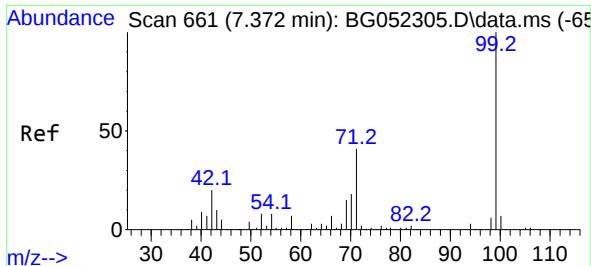
Tgt Ion:152 Resp: 29103
Ion Ratio Lower Upper
152 100
150 157.4 117.8 176.8
115 63.0 50.2 75.2



#5
2-Fluorophenol
Concen: 148.145 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

Tgt Ion:112 Resp: 247379
Ion Ratio Lower Upper
112 100
64 66.2 60.4 90.6
63 36.8 33.3 49.9

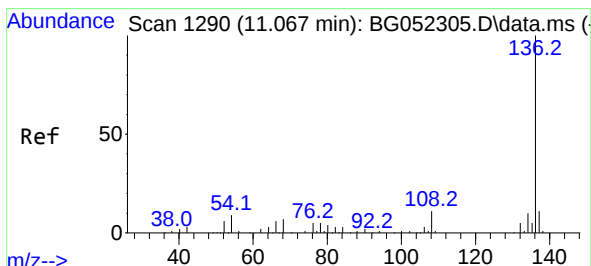
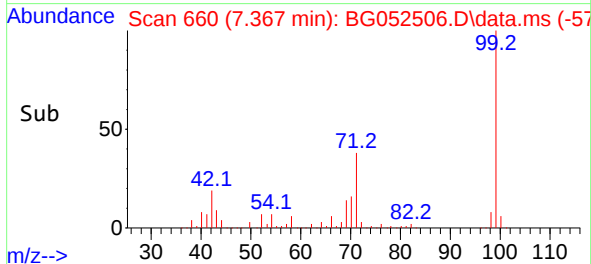
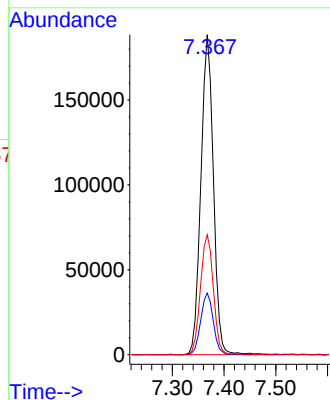
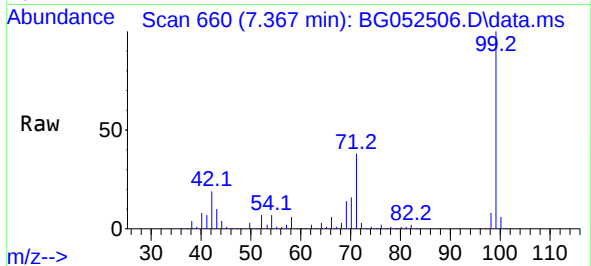




#7
Phenol-d6
Concen: 123.019 ng
RT: 7.367 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

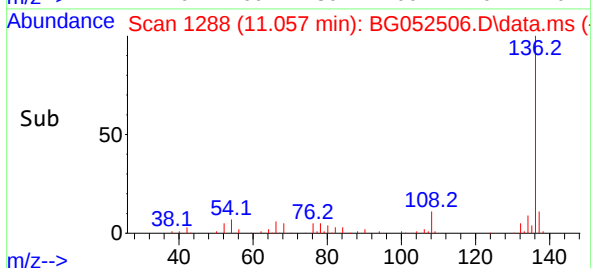
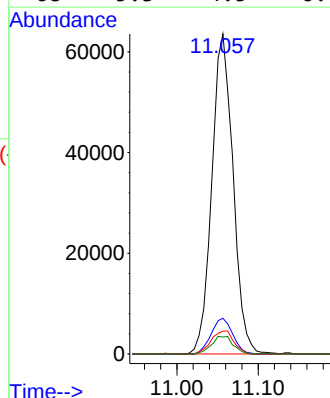
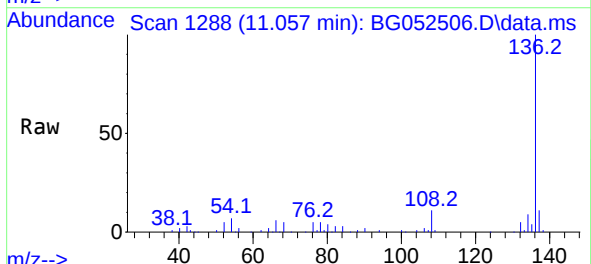
Instrument :
BNA_G
ClientSampleId :
TP-4

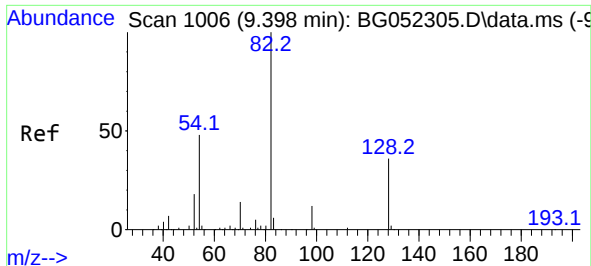
Tgt Ion: 99 Resp: 316954
Ion Ratio Lower Upper
99 100
42 19.2 19.1 28.7
71 37.5 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 1288
Delta R.T. -0.010 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

Tgt Ion: 136 Resp: 115161
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.1 8.3 12.5#
68 5.3 4.5 6.7

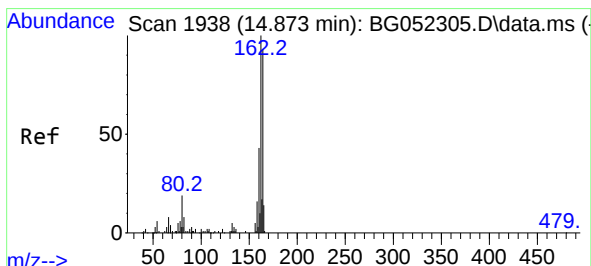
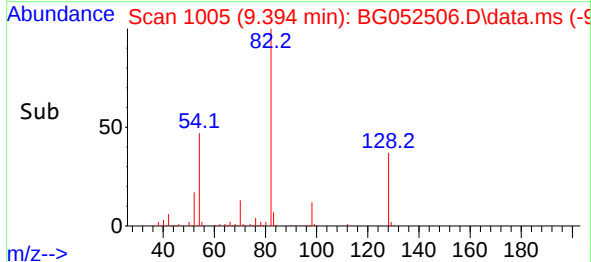
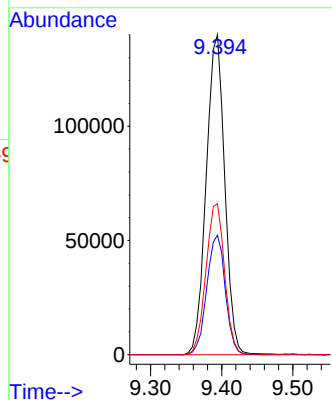
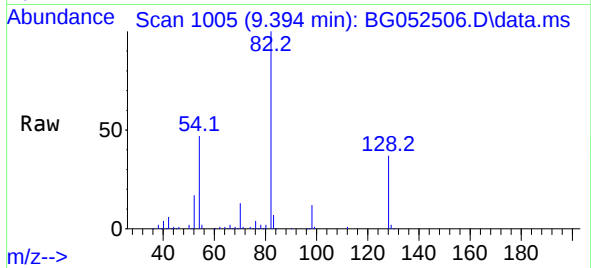




#23
Nitrobenzene-d5
Concen: 95.875 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

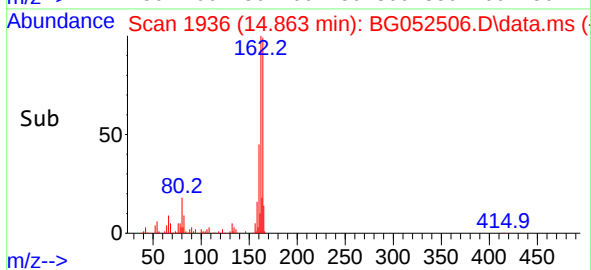
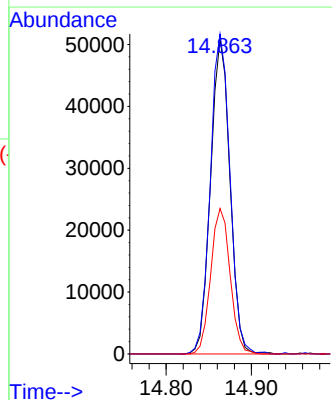
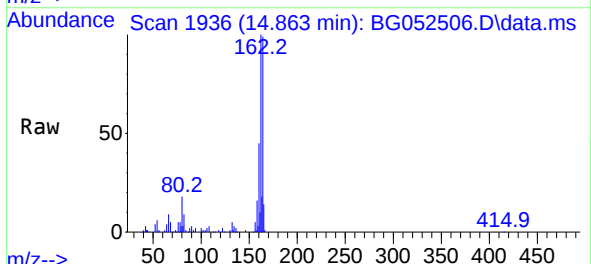
Instrument :
BNA_G
ClientSampleId :
TP-4

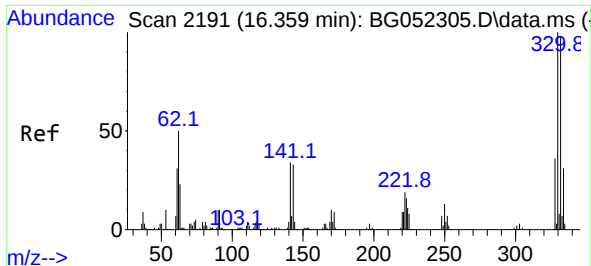
Tgt Ion: 82 Resp: 254045
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 47.2 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1936
Delta R.T. -0.010 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

Tgt Ion: 164 Resp: 79955
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 46.1 36.2 54.2

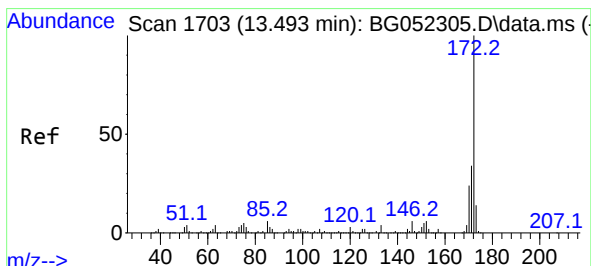
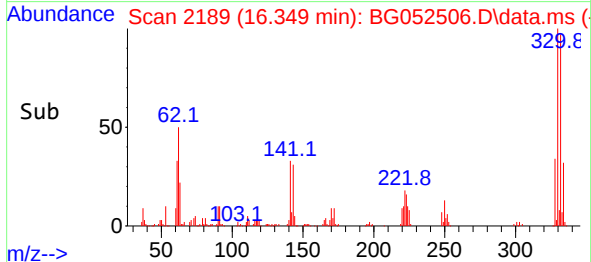
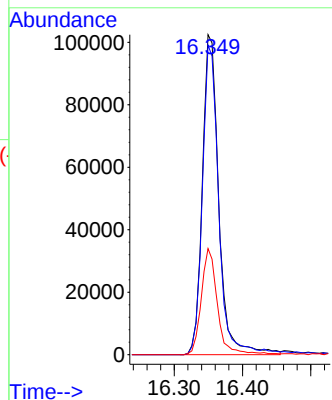
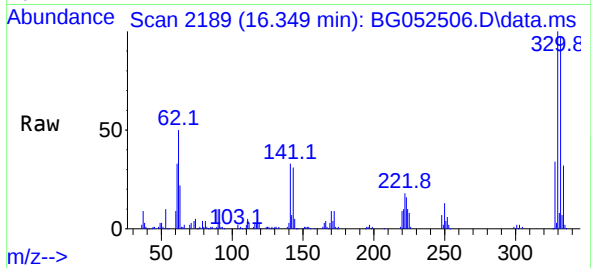




#42
2,4,6-Tribromophenol
Concen: 149.534 ng
RT: 16.349 min Scan# 2191
Delta R.T. -0.010 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

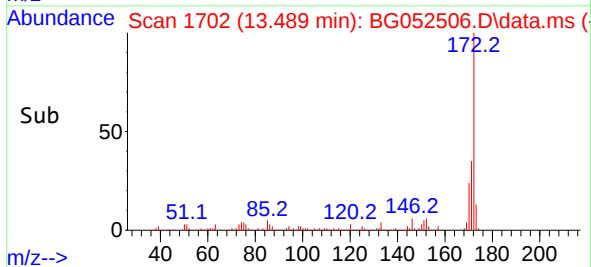
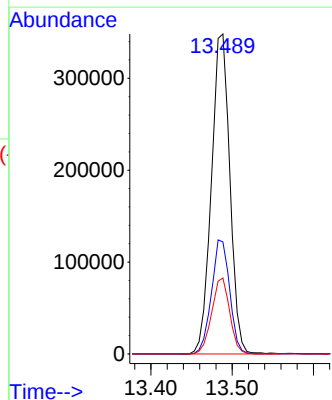
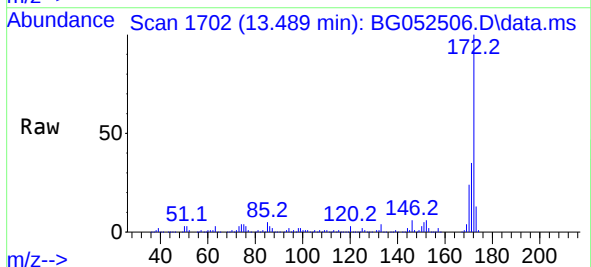
Instrument :
BNA_G
ClientSampleId :
TP-4

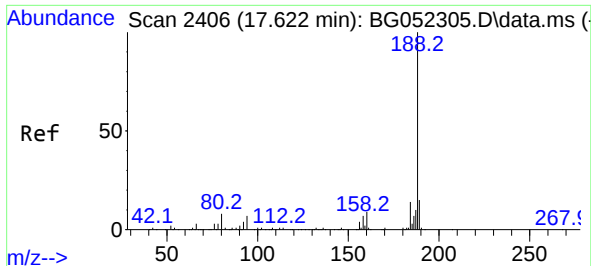
Tgt Ion:330 Resp: 171767
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 32.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 95.622 ng
RT: 13.489 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

Tgt Ion:172 Resp: 550220
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 18.3 27.5

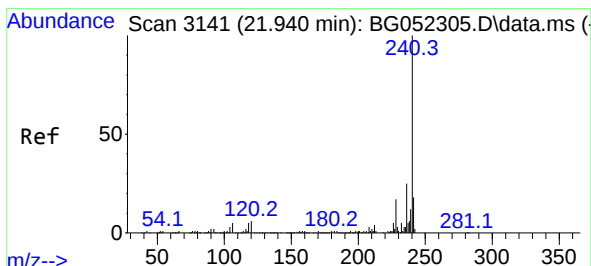
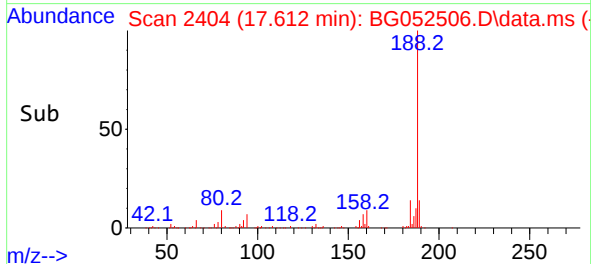
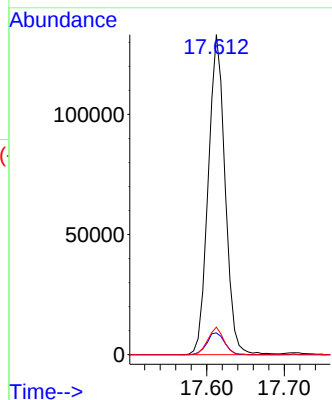
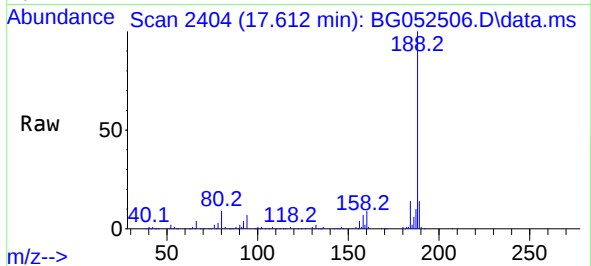




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

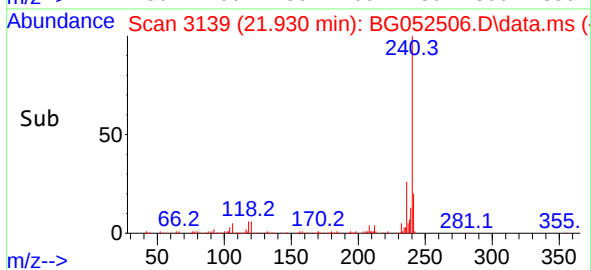
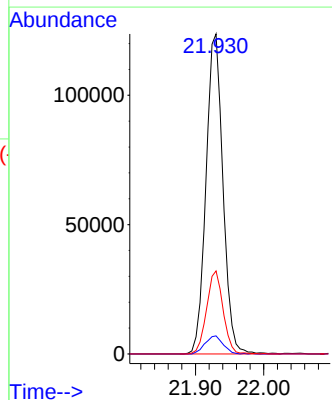
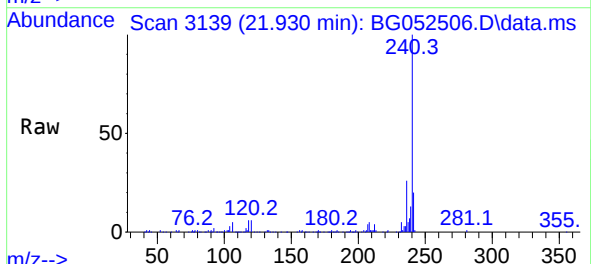
Instrument :
BNA_G
ClientSampleId :
TP-4

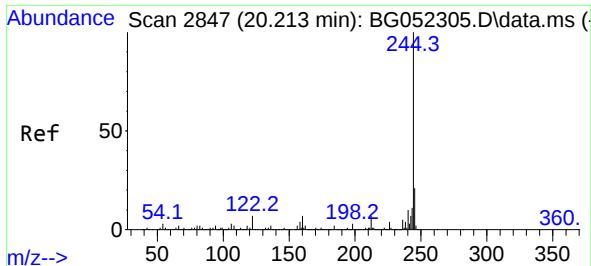
Tgt Ion:188 Resp: 201760
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 8.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG052506.D
Acq: 28 Feb 2022 18:05

Tgt Ion:240 Resp: 213719
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 26.0 20.8 31.2

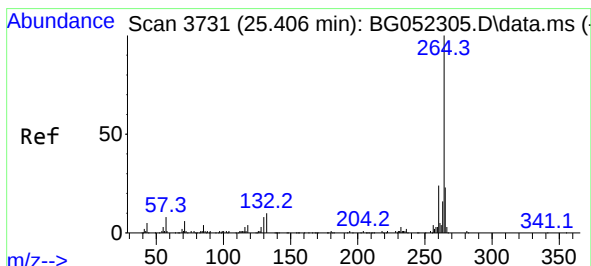
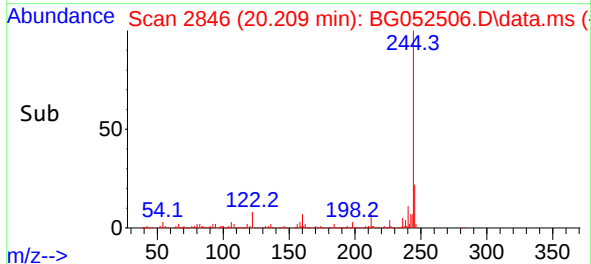
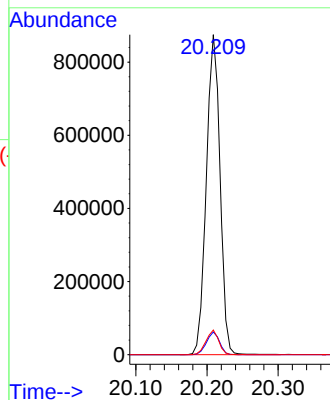
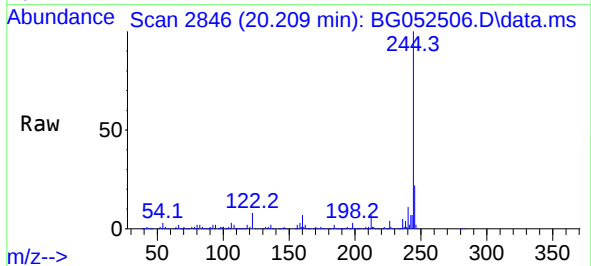




#79
 Terphenyl-d14
 Concen: 96.918 ng
 RT: 20.209 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG052506.D
 Acq: 28 Feb 2022 18:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1172982
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.390 min Scan# 3728
 Delta R.T. -0.016 min
 Lab File: BG052506.D
 Acq: 28 Feb 2022 18:05

Tgt Ion:264 Resp: 212053
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.8 17.8 26.6

