

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052504.D
 Acq On : 28 Feb 2022 16:48
 Operator : CG/JU
 Sample : N1664-32
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Mar 01 00:59:53 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	8.217	152	24926	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	100078	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	66131	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	172935	20.000	ng	0.00
76) Chrysene-d12	21.928	240	183291	20.000	ng	-0.01
86) Perylene-d12	25.394	264	176109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	228665	159.886	ng	0.00
7) Phenol-d6	7.365	99	282500	128.020	ng	0.00
23) Nitrobenzene-d5	9.392	82	241008	104.663	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	166623	175.378	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	541648	113.810	ng	0.00
79) Terphenyl-d14	20.206	244	1153332	111.114	ng	0.00

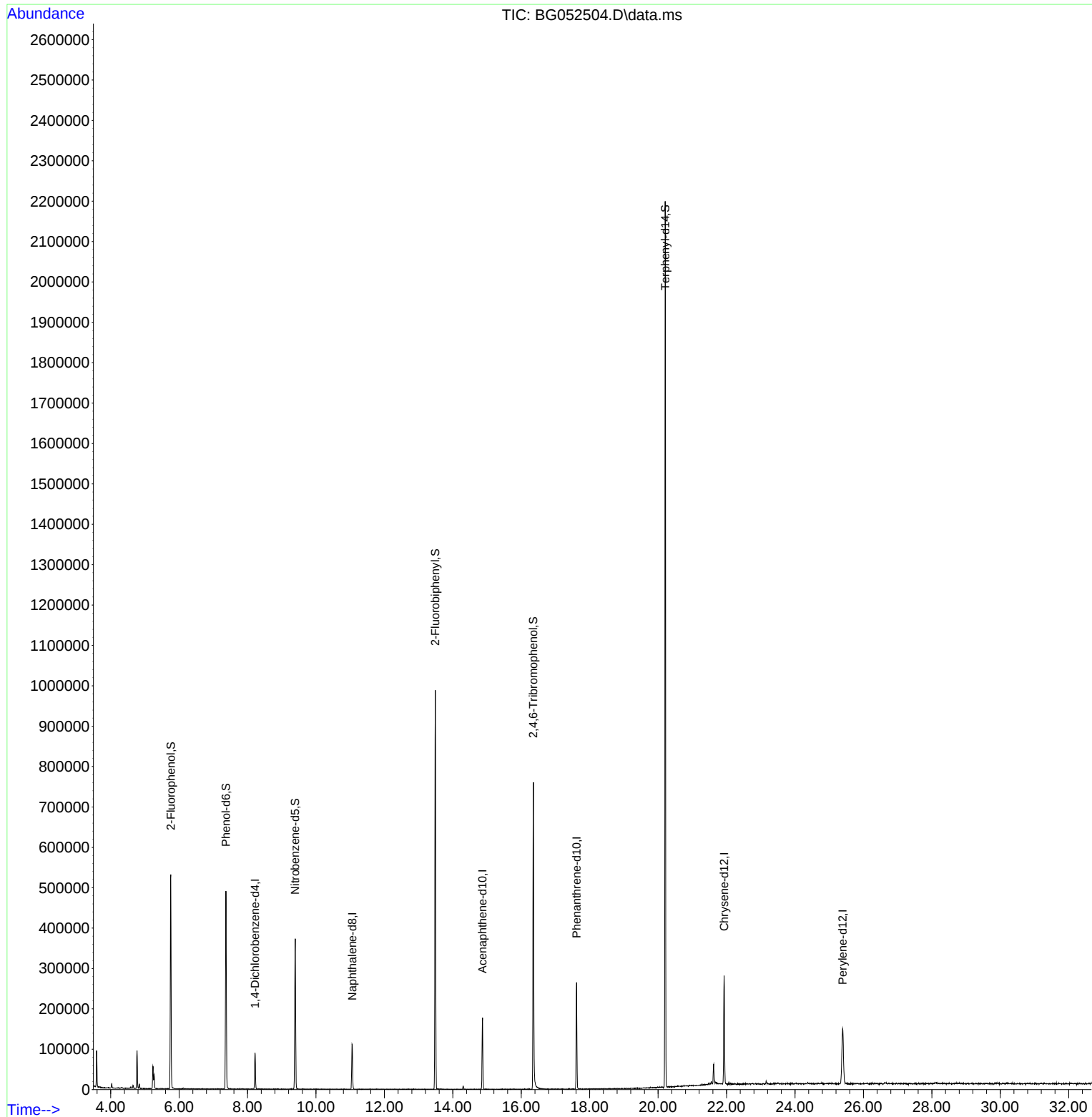
Target Compounds	Qvalue

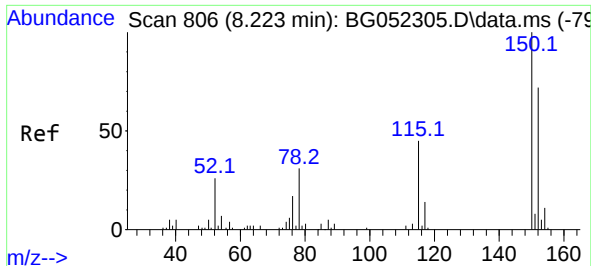
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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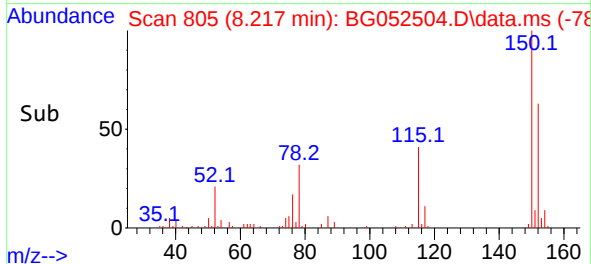
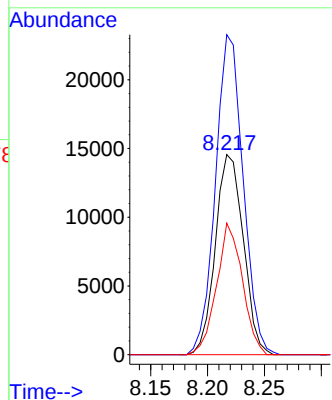
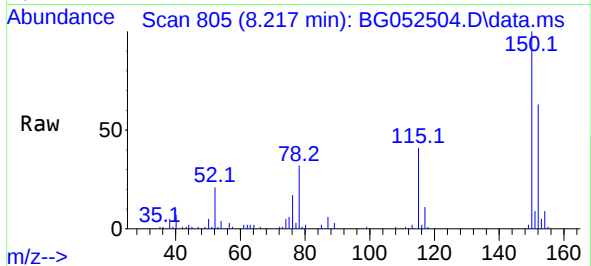




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

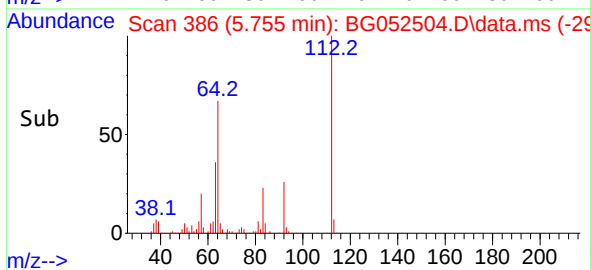
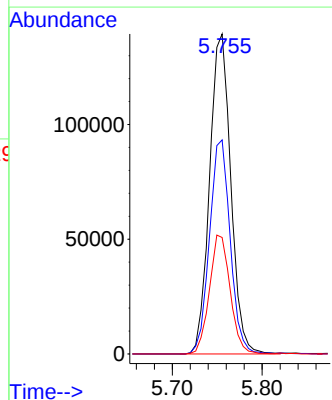
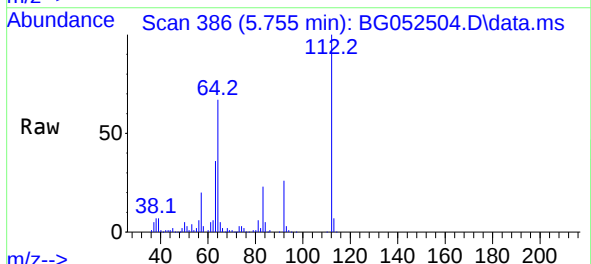
Instrument :
BNA_G
ClientSampleId :
TP-11

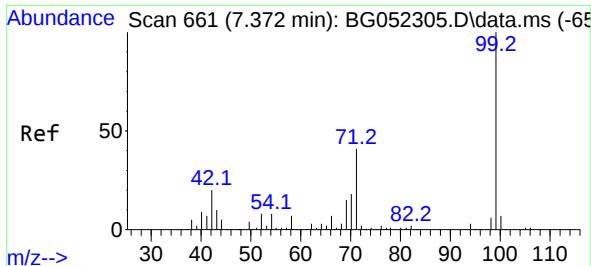
Tgt Ion:152 Resp: 24926
Ion Ratio Lower Upper
152 100
150 159.8 117.8 176.8
115 65.7 50.2 75.2



#5
2-Fluorophenol
Concen: 159.886 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:112 Resp: 228665
Ion Ratio Lower Upper
112 100
64 66.9 60.4 90.6
63 36.4 33.3 49.9

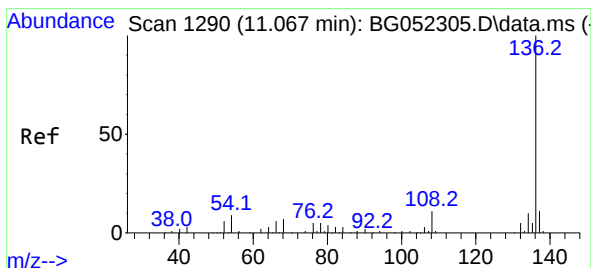
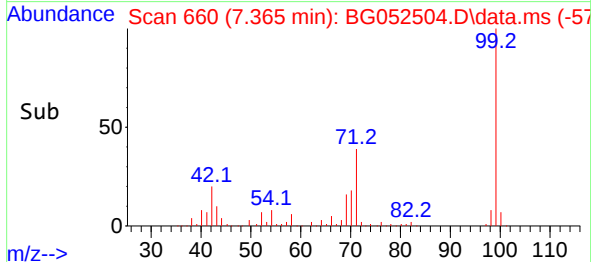
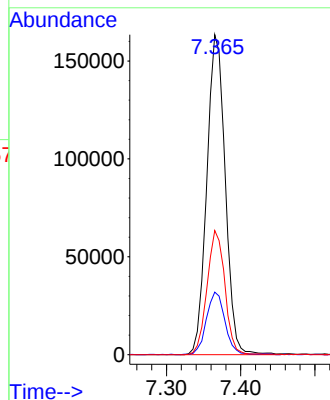
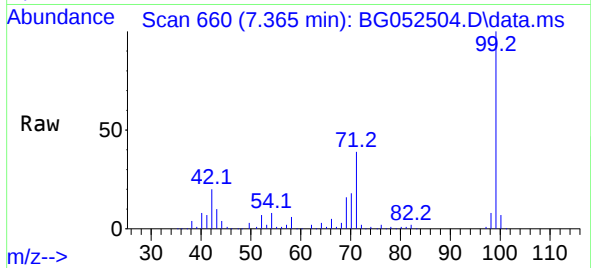




#7
Phenol-d6
Concen: 128.020 ng
RT: 7.365 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

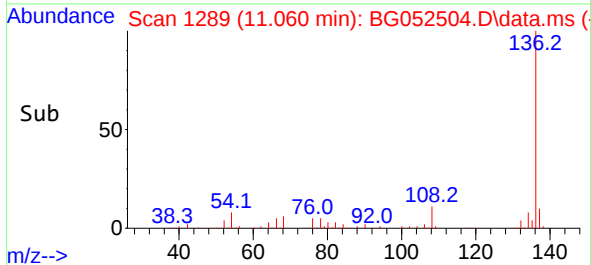
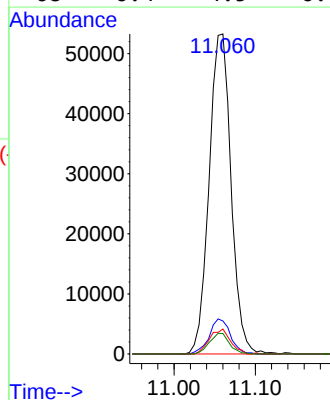
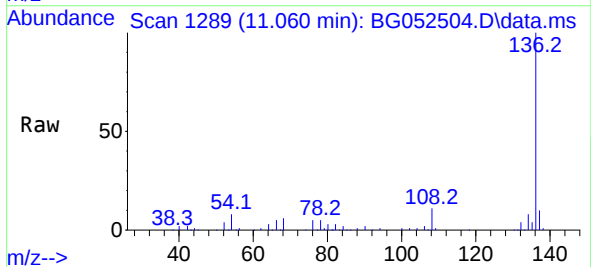
Instrument :
BNA_G
ClientSampleId :
TP-11

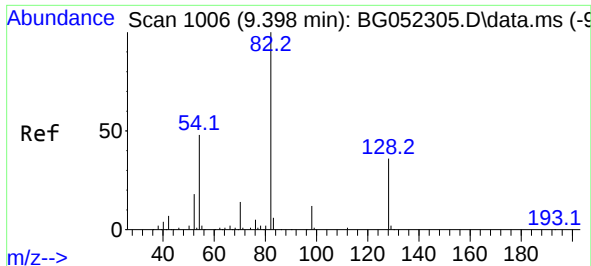
Tgt Ion: 99 Resp: 282500
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 38.8 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:136 Resp: 100078
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 7.8 8.3 12.5#
68 6.4 4.5 6.7

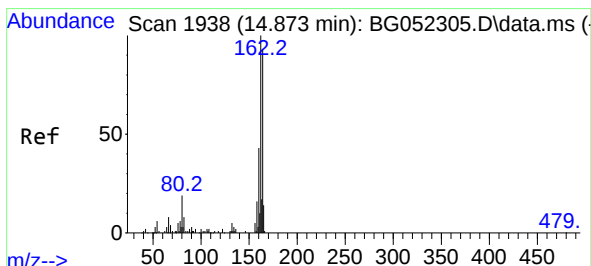
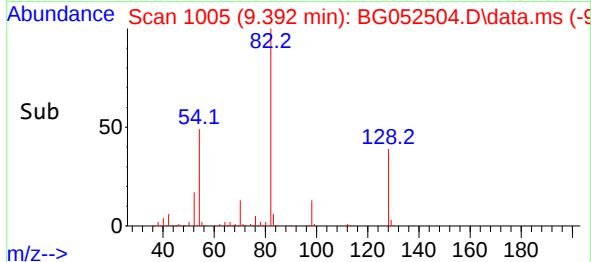
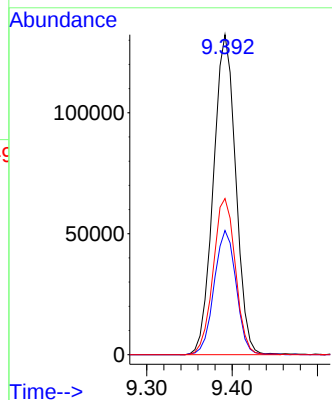
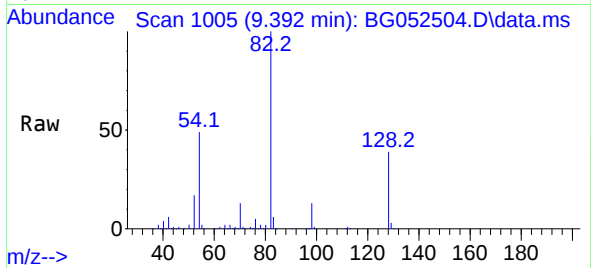




#23
Nitrobenzene-d5
Concen: 104.663 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

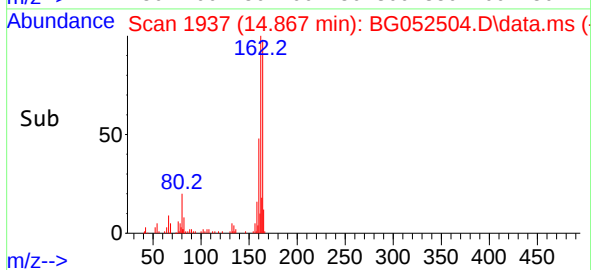
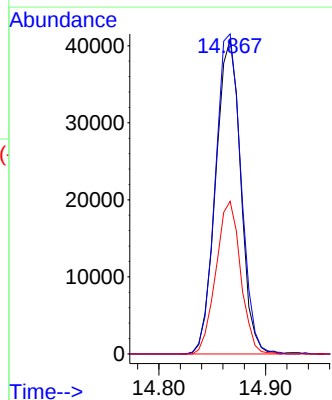
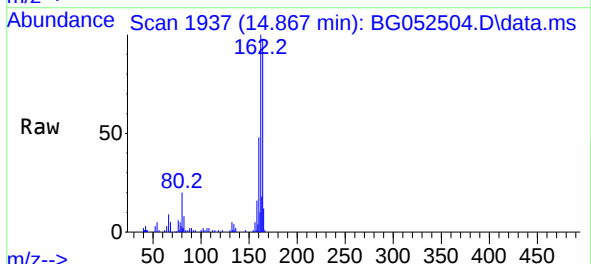
Instrument :
BNA_G
ClientSampleId :
TP-11

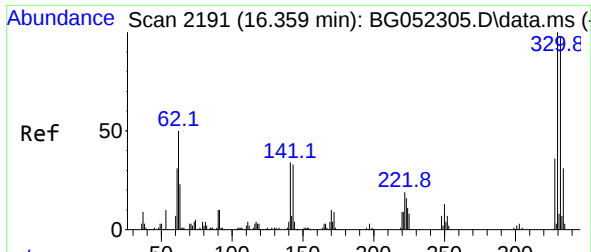
Tgt Ion: 82 Resp: 241008
Ion Ratio Lower Upper
82 100
128 38.8 27.0 40.4
54 48.8 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion: 164 Resp: 66131
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 48.6 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 175.378 ng

RT: 16.353 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG052504.D

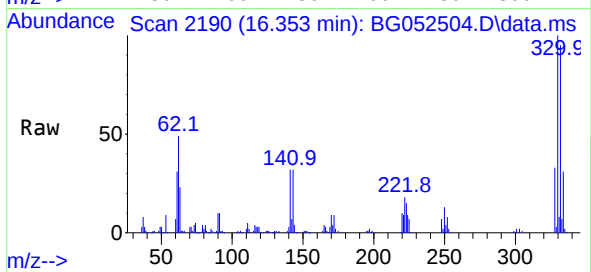
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Instrument :

BNA_G

ClientSampleId :

TP-11



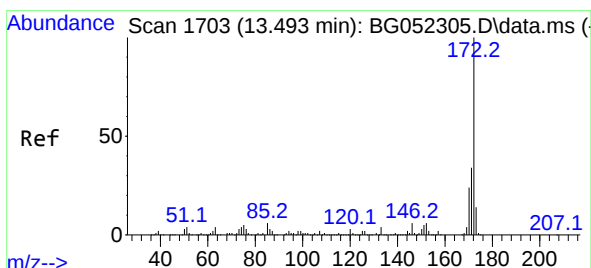
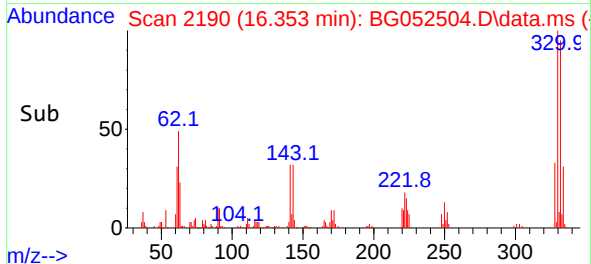
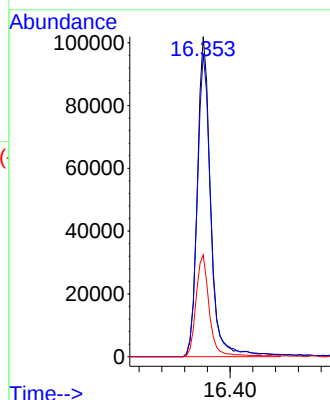
Tgt Ion:330 Resp: 166623

Ion Ratio Lower Upper

330 100

332 95.1 78.6 117.8

141 31.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 113.810 ng

RT: 13.486 min Scan# 1702

Delta R.T. -0.007 min

Lab File: BG052504.D

Acq: 28 Feb 2022 16:48

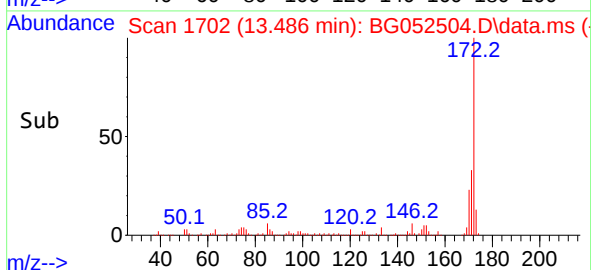
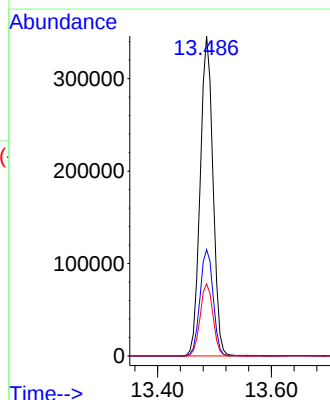
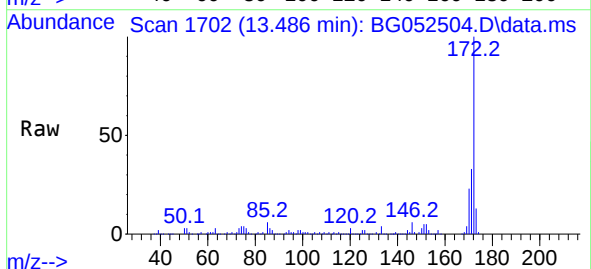
Tgt Ion:172 Resp: 541648

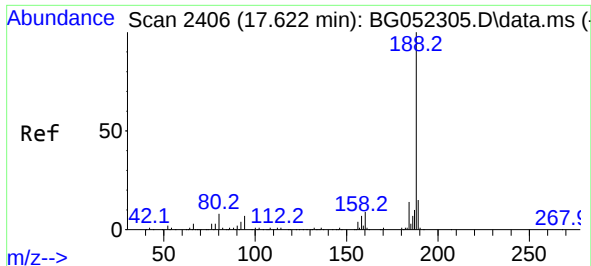
Ion Ratio Lower Upper

172 100

171 33.3 28.3 42.5

170 22.5 18.3 27.5

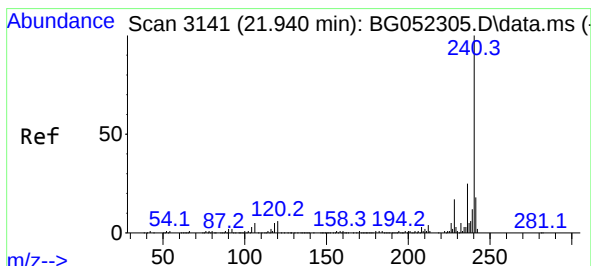
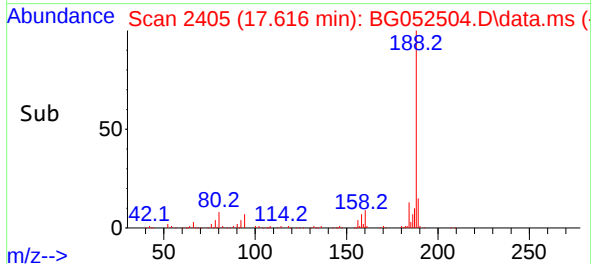
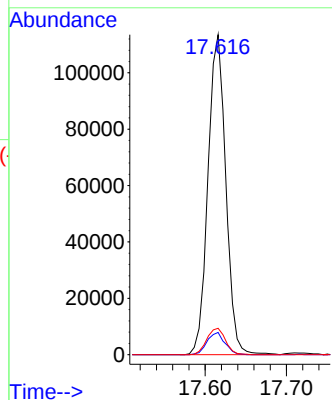
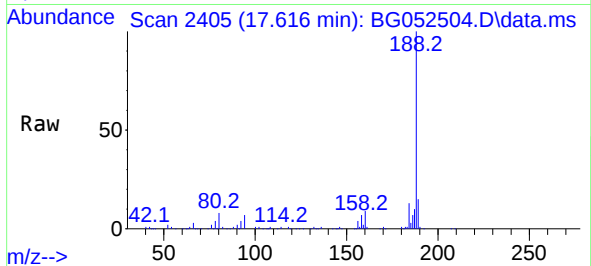




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

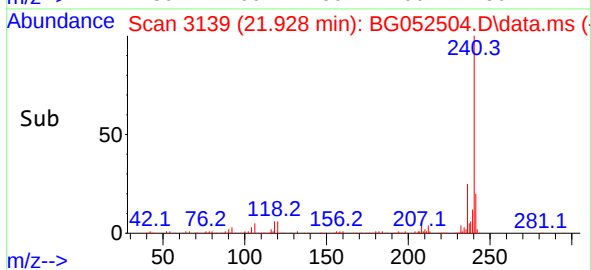
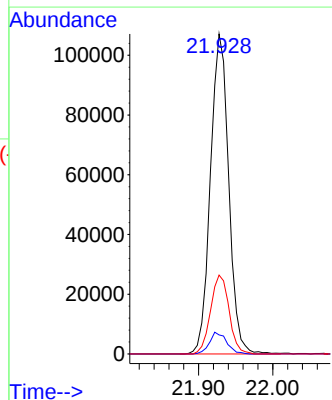
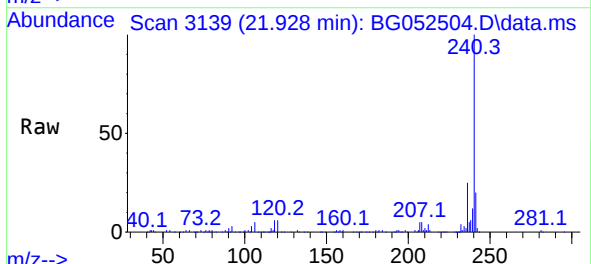
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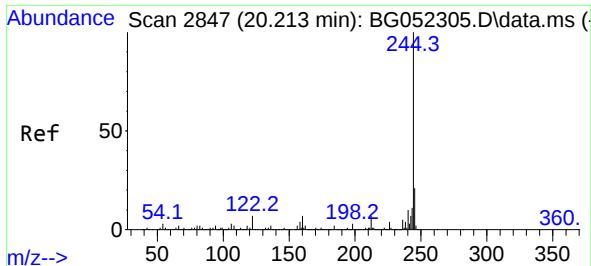
Tgt Ion:188 Resp: 172935
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052504.D
Acq: 28 Feb 2022 16:48

Tgt Ion:240 Resp: 183291
Ion Ratio Lower Upper
240 100
120 6.0 4.4 6.6
236 24.6 20.8 31.2

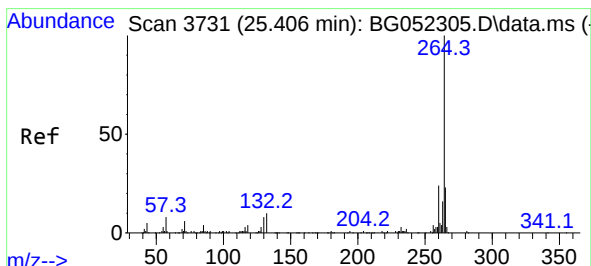
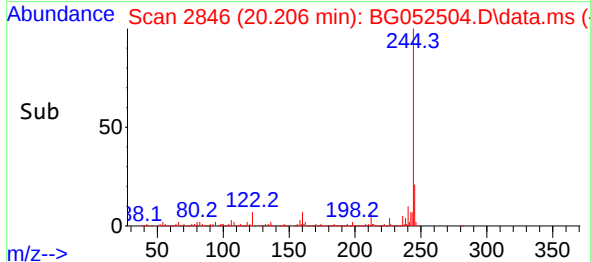
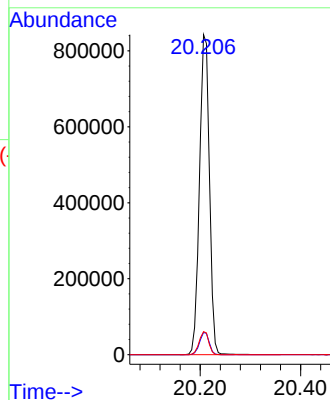
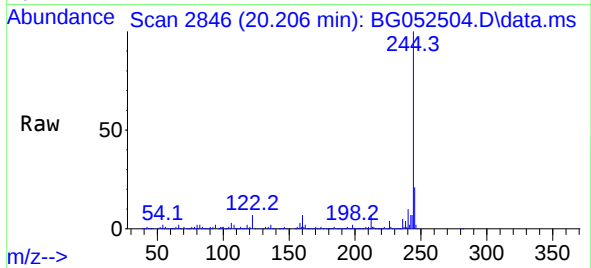




#79
 Terphenyl-d14
 Concen: 111.114 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG052504.D
 Acq: 28 Feb 2022 16:48

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1153332
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3729
 Delta R.T. -0.012 min
 Lab File: BG052504.D
 Acq: 28 Feb 2022 16:48

Tgt Ion:264 Resp: 176109
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.5 27.7
 265 22.3 17.8 26.6

