

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052328.D
 Acq On : 8 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1387-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 24801

Quant Time: Feb 09 01:27:12 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)

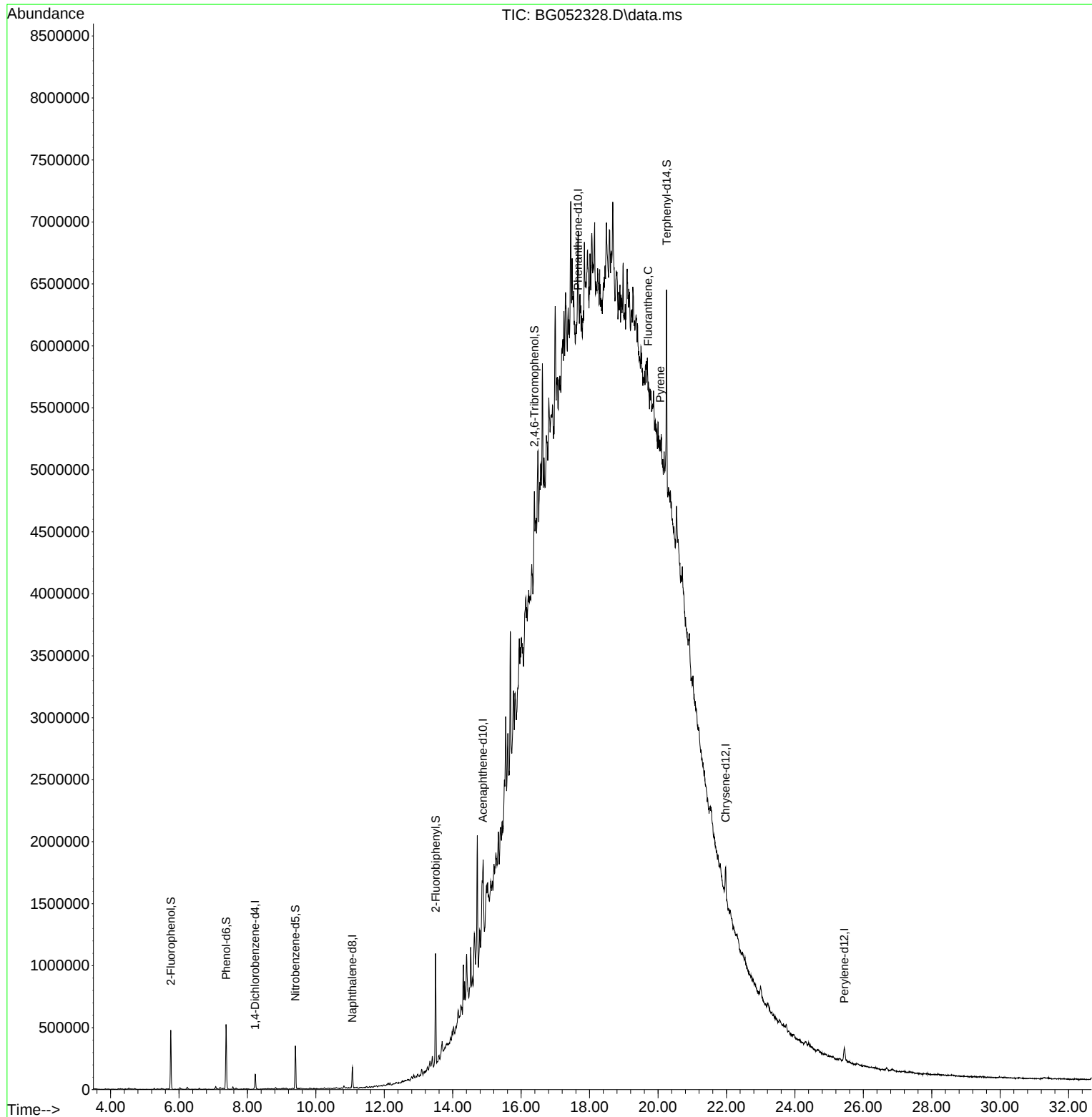
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	34954	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	143619	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	89650	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	172982	20.000	ng	# 0.04
76) Chrysene-d12	21.977	240	158213	20.000	ng	# 0.04
86) Perylene-d12	25.443	264	137915	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	199239	99.344	ng	0.00
7) Phenol-d6	7.374	99	300314	97.049	ng	0.00
23) Nitrobenzene-d5	9.400	82	215178	65.116	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	125468	97.416	ng	0.03
45) 2-Fluorobiphenyl	13.501	172	458418	71.053	ng	0.00
79) Terphenyl-d14	20.250	244	649863	72.533	ng	0.04
Target Compounds						
75) Fluoranthene	19.710	202	28534	2.513	ng	# 1
78) Pyrene	20.068	202	24175	2.284	ng	# 9

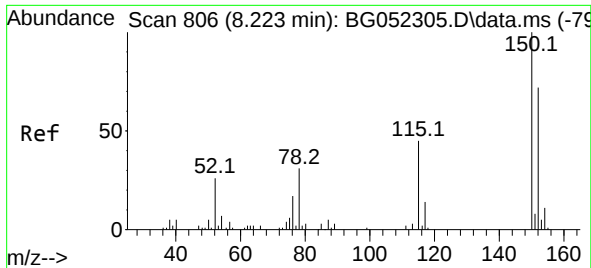
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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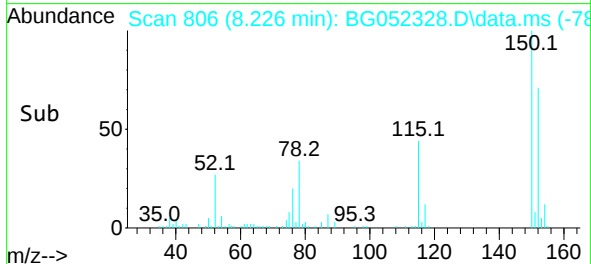
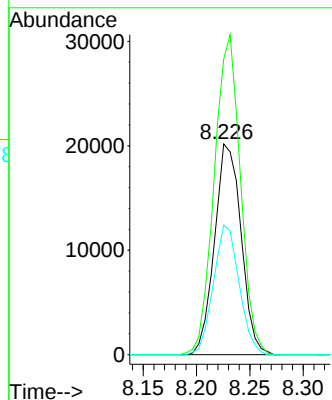
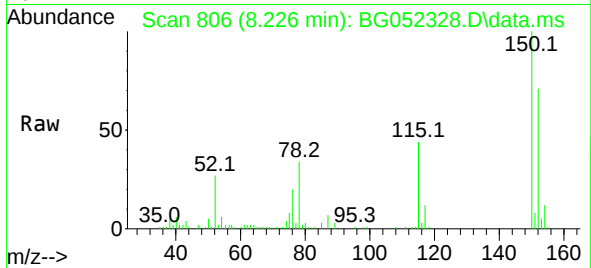




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

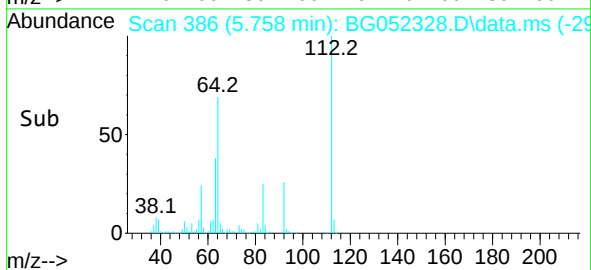
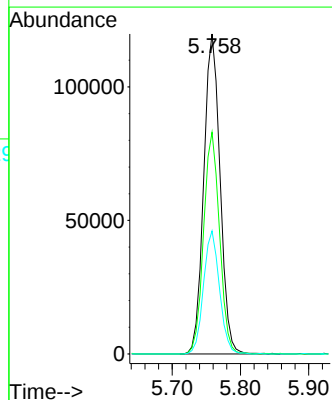
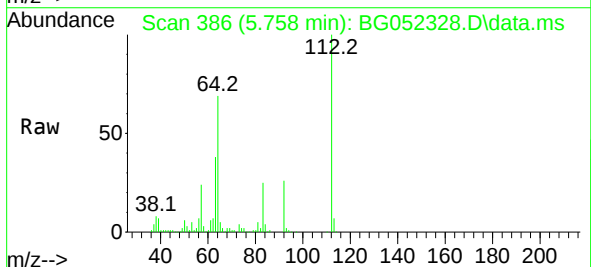
Instrument :
BNA_G
ClientSampleId :
24801

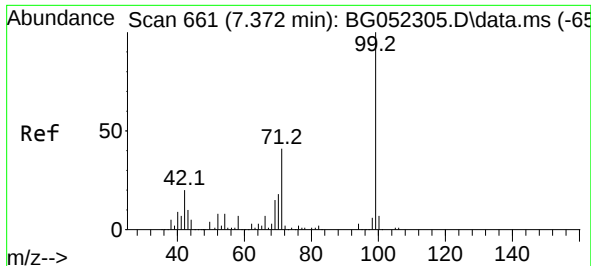
Tgt Ion:152 Resp: 34954
Ion Ratio Lower Upper
152 100
150 140.3 117.8 176.8
115 61.4 50.2 75.2



#5
2-Fluorophenol
Concen: 99.344 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:112 Resp: 199239
Ion Ratio Lower Upper
112 100
64 69.3 60.4 90.6
63 38.5 33.3 49.9

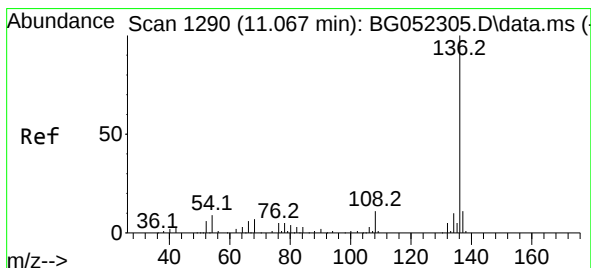
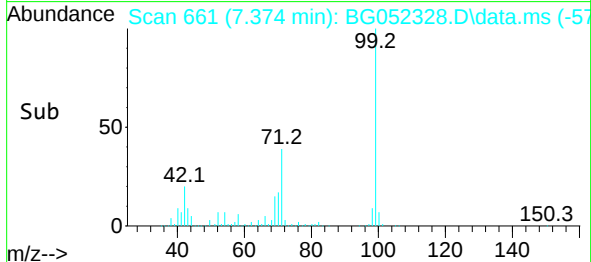
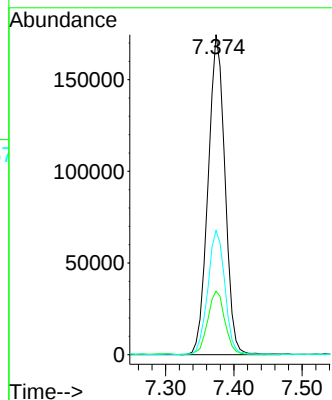
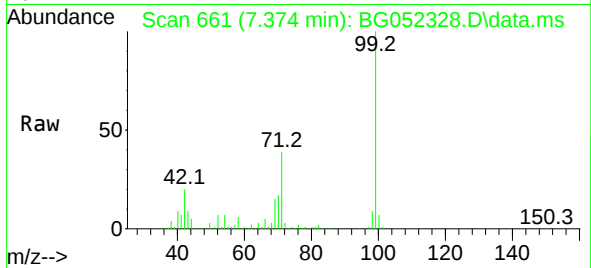




#7
Phenol-d6
Concen: 97.049 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

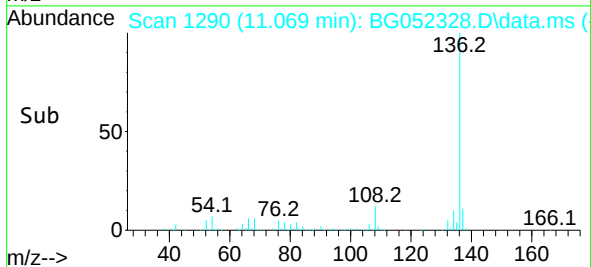
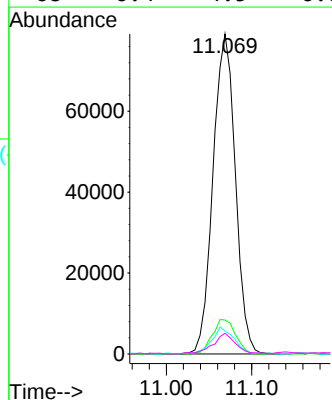
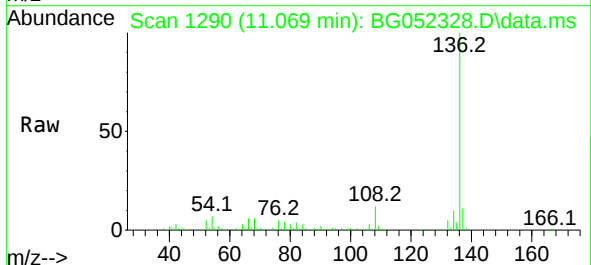
Instrument :
BNA_G
ClientSampleId :
24801

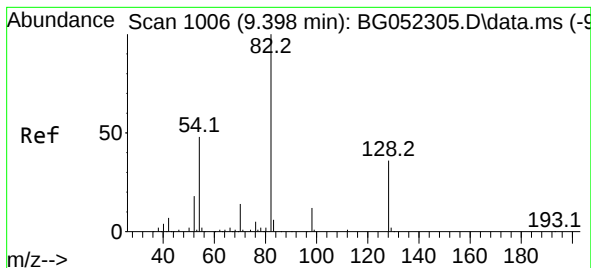
Tgt Ion: 99 Resp: 300314
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 38.8 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion: 136 Resp: 143619
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.1 8.3 12.5#
68 6.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 65.116 ng

RT: 9.400 min Scan# 10

Delta R.T. 0.002 min

Lab File: BG052328.D

Acq: 8 Feb 2022 20:44

Instrument :

BNA_G

ClientSampleId :

24801

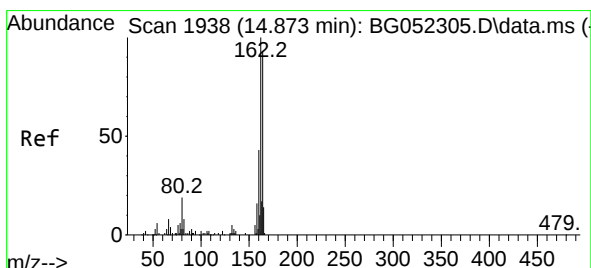
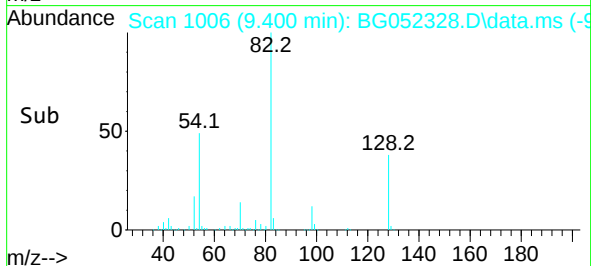
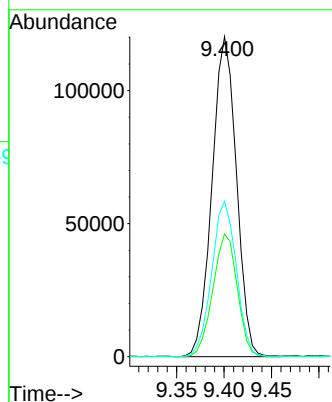
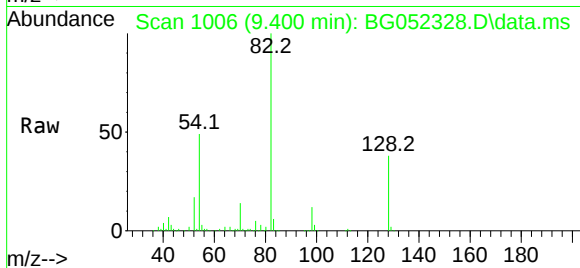
Tgt Ion: 82 Resp: 215178

Ion Ratio Lower Upper

82 100

128 38.3 27.0 40.4

54 48.6 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.881 min Scan# 1939

Delta R.T. 0.008 min

Lab File: BG052328.D

Acq: 8 Feb 2022 20:44

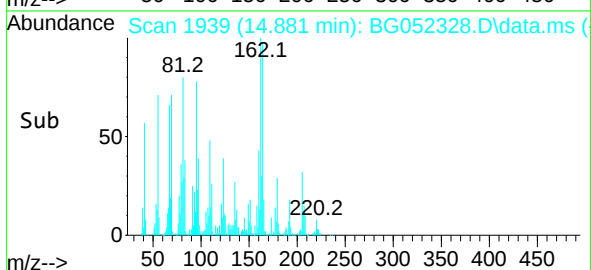
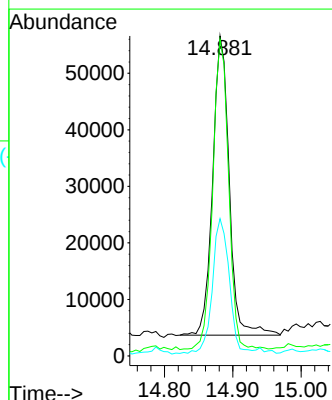
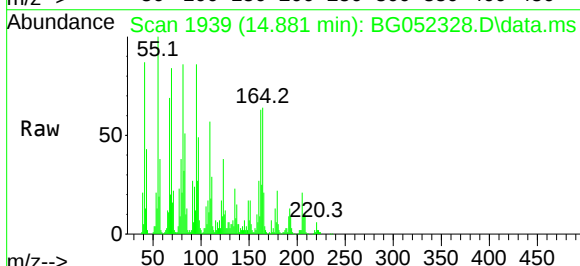
Tgt Ion:164 Resp: 89650

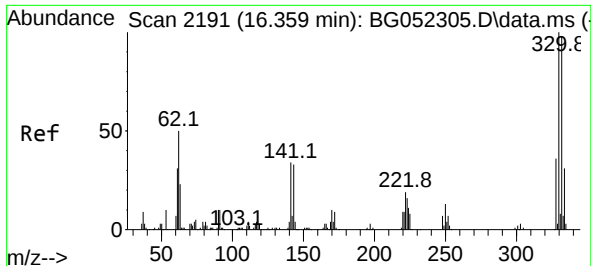
Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

160 42.9 36.2 54.2

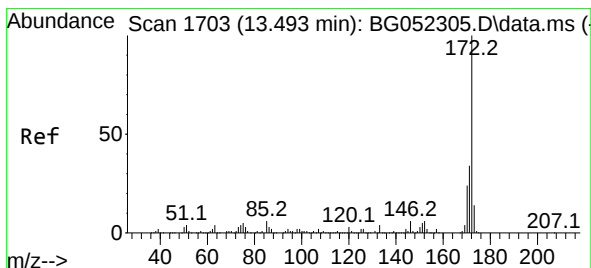
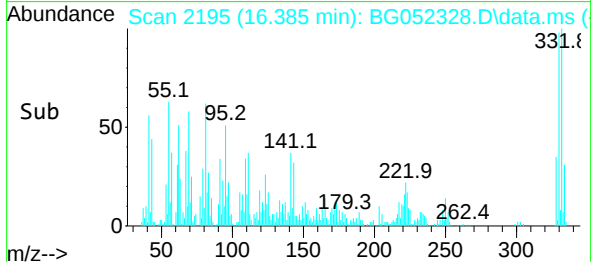
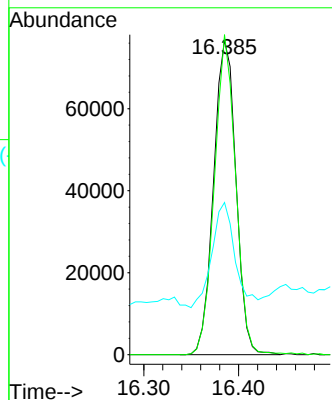
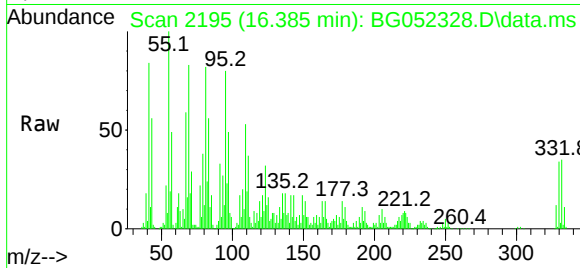




#42
2,4,6-Tribromophenol
Concen: 97.416 ng
RT: 16.385 min Scan# 2195
Delta R.T. 0.026 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

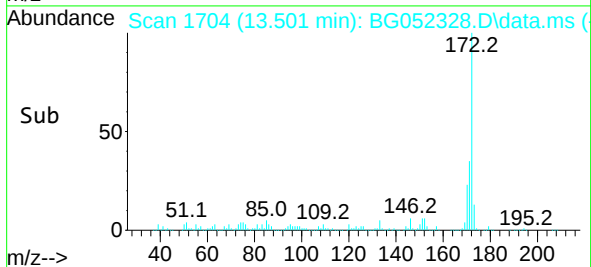
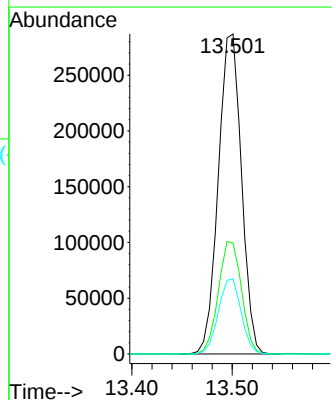
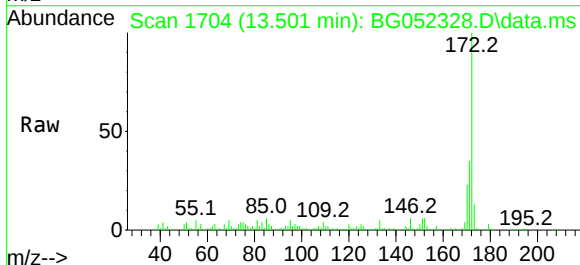
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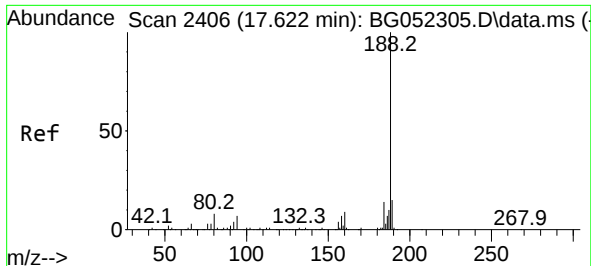
Tgt Ion:330 Resp: 125468
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 34.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 71.053 ng
RT: 13.501 min Scan# 1704
Delta R.T. 0.008 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:172 Resp: 458418
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 18.3 27.5

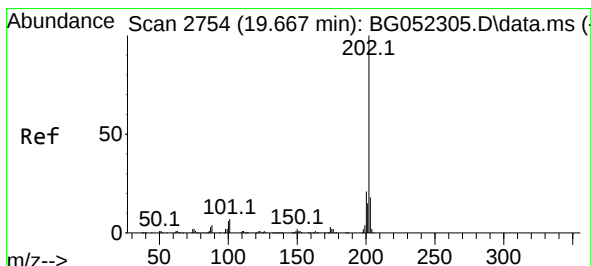
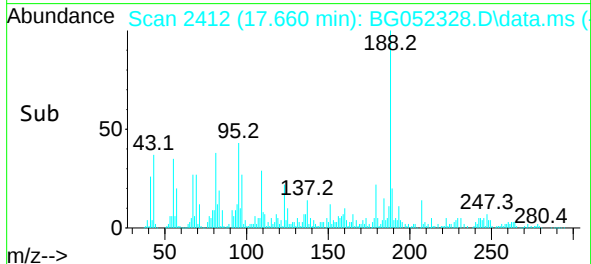
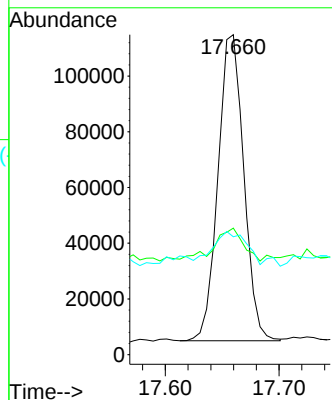
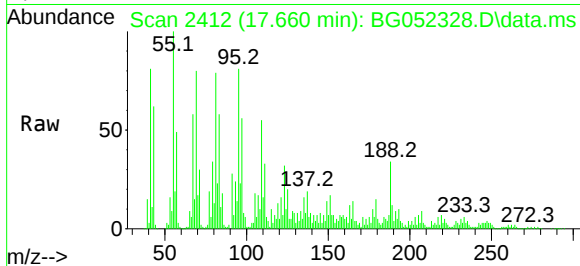




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2406
Delta R.T. 0.037 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

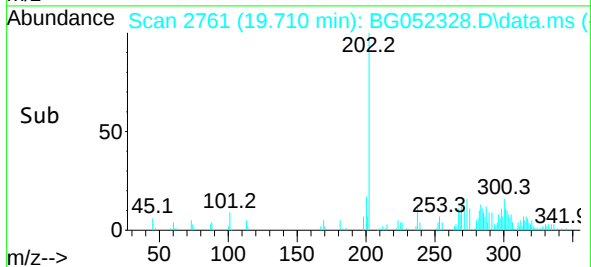
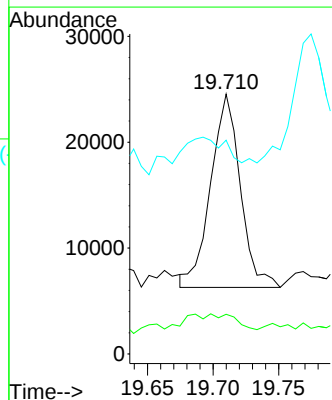
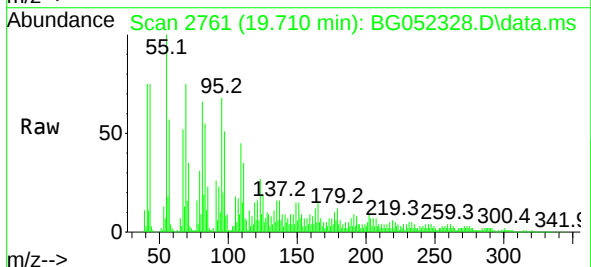
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24801

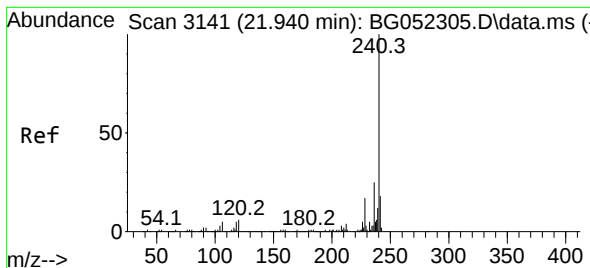
Tgt Ion:188 Resp: 172982
Ion Ratio Lower Upper
188 100
94 39.5 5.9 8.9#
80 36.8 6.6 10.0#



#75
Fluoranthene
Concen: 2.513 ng
RT: 19.710 min Scan# 2761
Delta R.T. 0.043 min
Lab File: BG052328.D
Acq: 8 Feb 2022 20:44

Tgt Ion:202 Resp: 28534
Ion Ratio Lower Upper
202 100
101 15.3 0.0 27.1
203 82.3 0.0 37.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.977 min Scan# 31

Delta R.T. 0.037 min

Lab File: BG052328.D

Acq: 8 Feb 2022 20:44

Instrument :

BNA_G

ClientSampleId :

24801

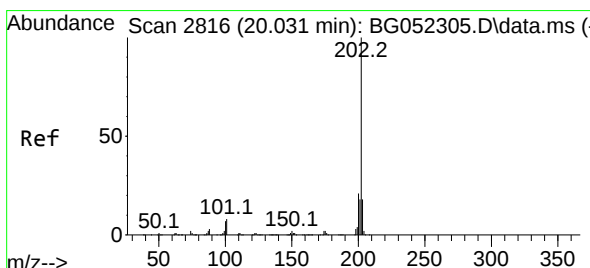
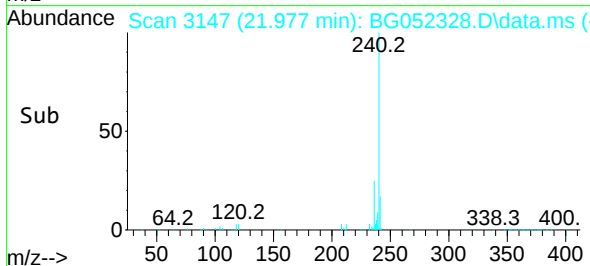
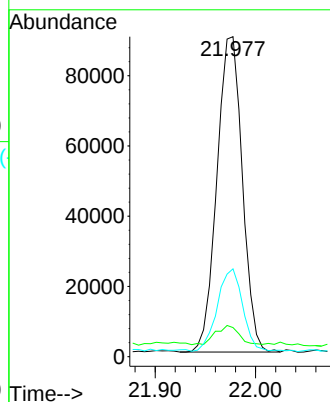
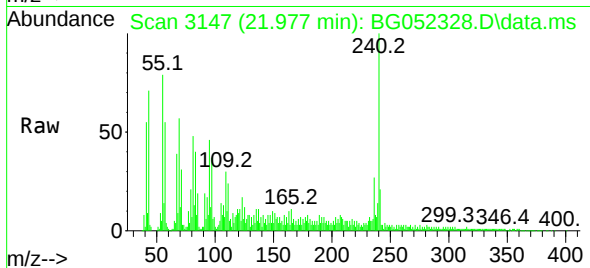
Tgt Ion:240 Resp: 158213

Ion Ratio Lower Upper

240 100

120 9.1 4.4 6.6#

236 27.5 20.8 31.2



#78

Pyrene

Concen: 2.284 ng

RT: 20.068 min Scan# 2822

Delta R.T. 0.037 min

Lab File: BG052328.D

Acq: 8 Feb 2022 20:44

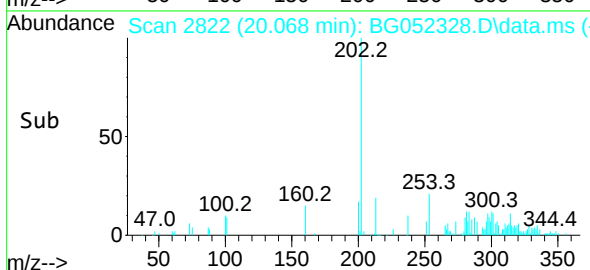
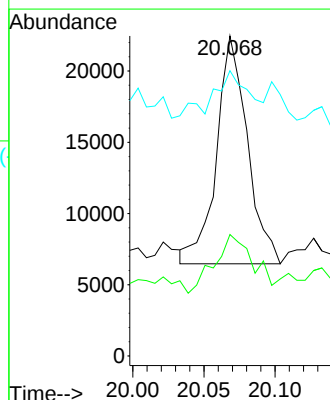
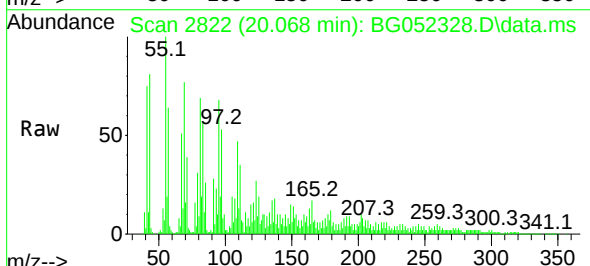
Tgt Ion:202 Resp: 24175

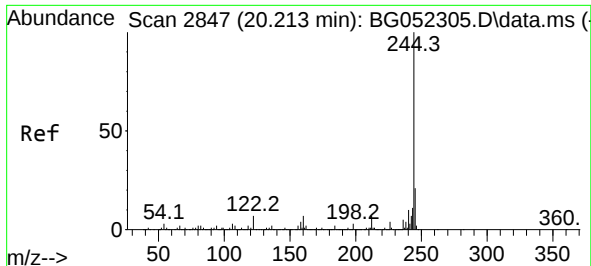
Ion Ratio Lower Upper

202 100

200 38.0 17.4 26.2#

203 89.2 14.5 21.7#

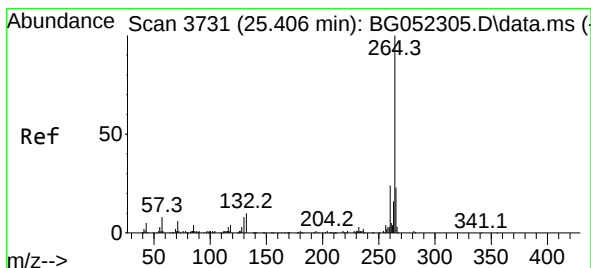
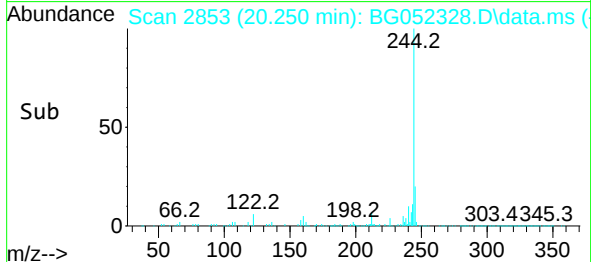
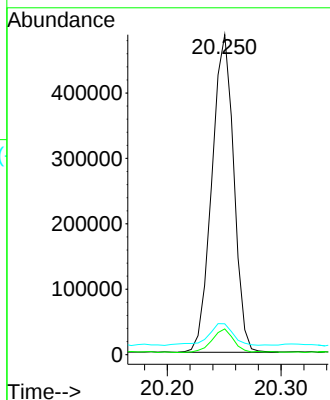
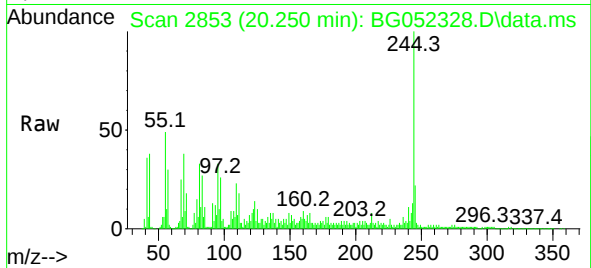




#79
 Terphenyl-d14
 Concen: 72.533 ng
 RT: 20.250 min Scan# 21
 Delta R.T. 0.037 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

Instrument :
 BNA_G
 ClientSampleId :
 24801

Tgt Ion:244 Resp: 649863
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.443 min Scan# 3737
 Delta R.T. 0.037 min
 Lab File: BG052328.D
 Acq: 8 Feb 2022 20:44

Tgt Ion:264 Resp: 137915
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.5 27.7
 265 21.0 17.8 26.6

