

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054131.D
 Acq On : 29 Jun 2022 00:05
 Operator : CG/JU
 Sample : N3494-21DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-3DL

Quant Time: Jun 29 02:36:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

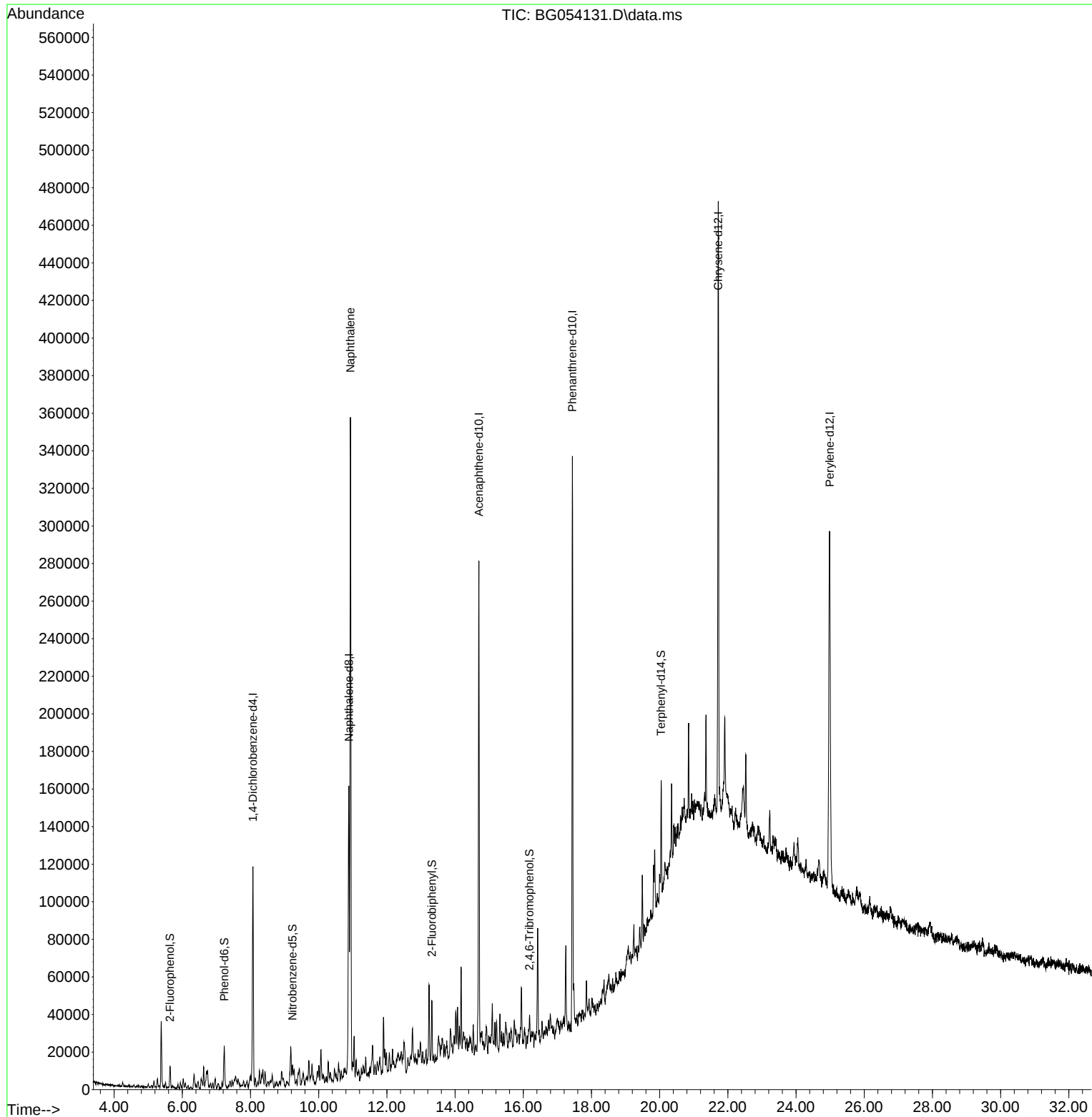
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	35926	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	142124	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	96214	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	212469	20.000	ng	0.00
76) Chrysene-d12	21.719	240	220449	20.000	ng	0.00
86) Perylene-d12	24.986	264	230340	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	6448	3.431	ng	0.00
7) Phenol-d6	7.230	99	9792	3.841	ng	0.00
23) Nitrobenzene-d5	9.234	82	7089	2.803	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	3127	2.023	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	18483	2.793	ng	0.00
79) Terphenyl-d14	20.045	244	32354	2.956	ng	0.00
Target Compounds						
31) Naphthalene	10.932	128	307242	42.823	ng	Qvalue 99

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

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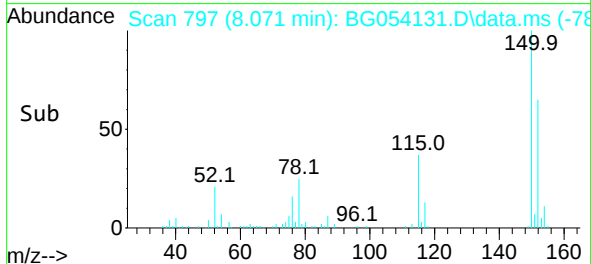
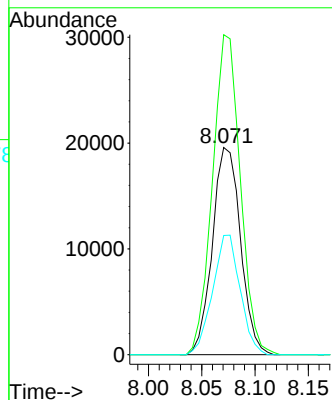
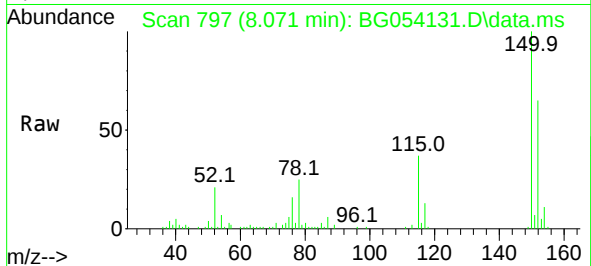




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

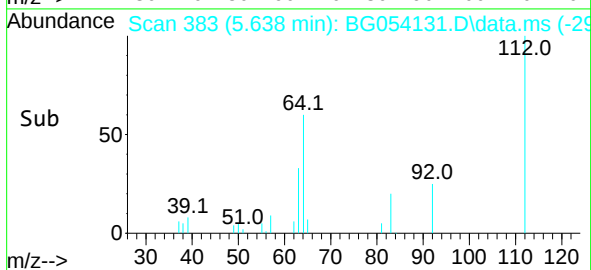
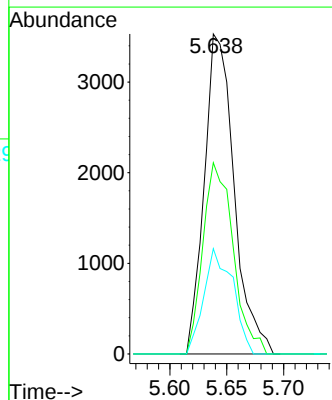
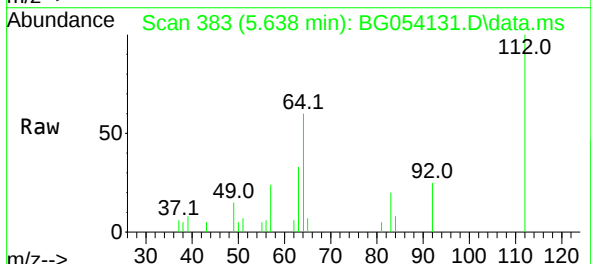
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3DL

Tgt Ion:152 Resp: 35926
Ion Ratio Lower Upper
152 100
150 154.5 131.6 197.4
115 57.5 50.9 76.3



#5
2-Fluorophenol
Concen: 3.431 ng
RT: 5.638 min Scan# 383
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

Tgt Ion:112 Resp: 6448
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 32.9 30.4 45.6

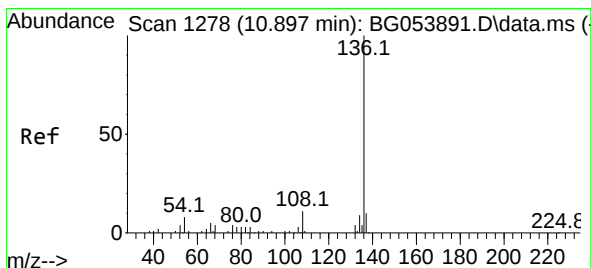
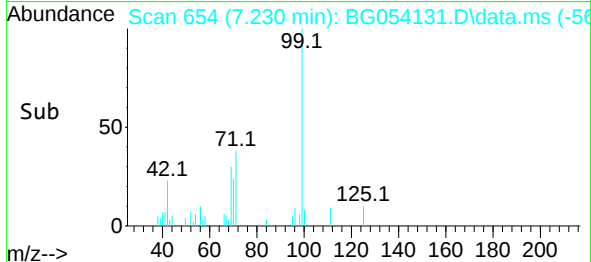
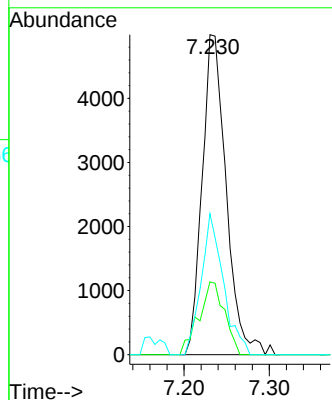
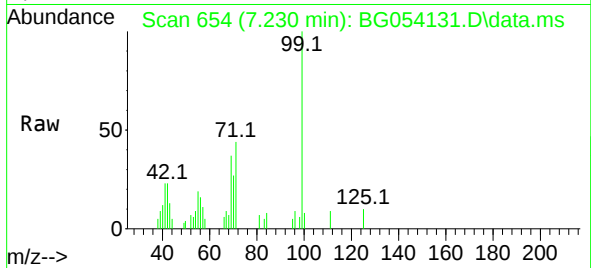




#7
Phenol-d6
Concen: 3.841 ng
RT: 7.230 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

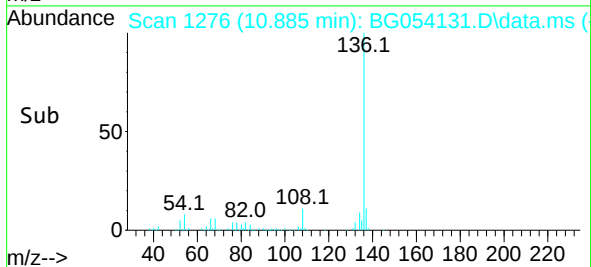
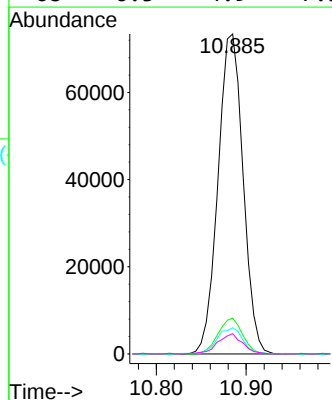
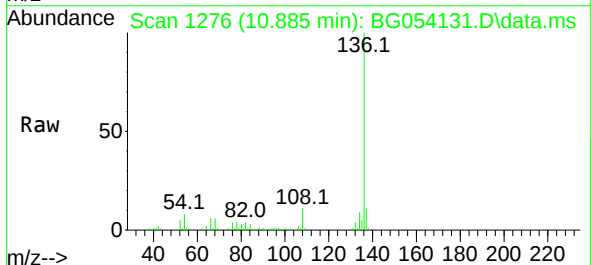
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3DL

Tgt Ion: 99	Resp: 9792
Ion Ratio	Lower Upper
99 100	
42 22.7	17.0 25.6
71 44.1	33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

Tgt	Ion:136	Resp:	142124
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.2	7.4	11.2
68	6.3	4.9	7.3

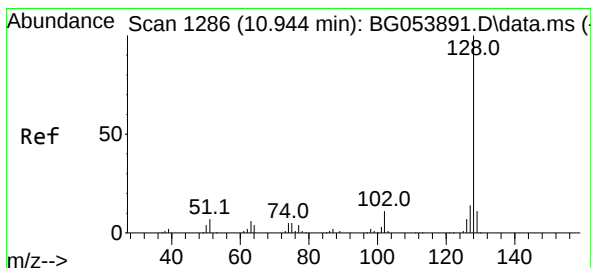
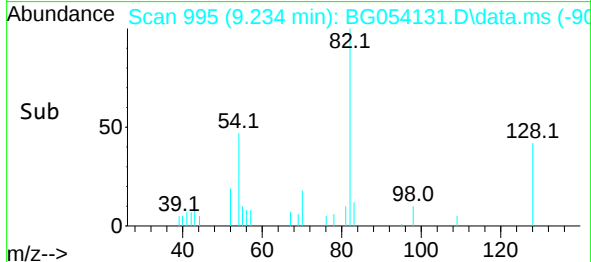
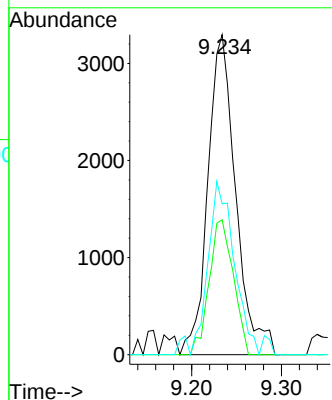
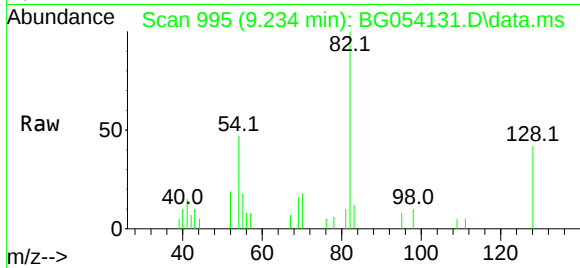




#23
Nitrobenzene-d5
Concen: 2.803 ng
RT: 9.234 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

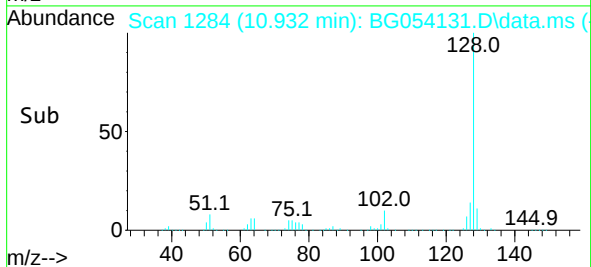
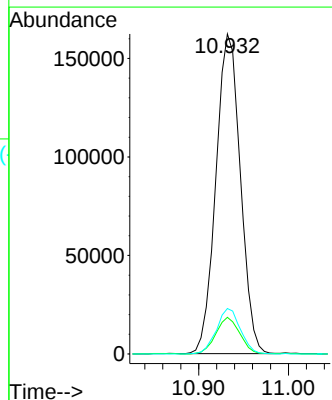
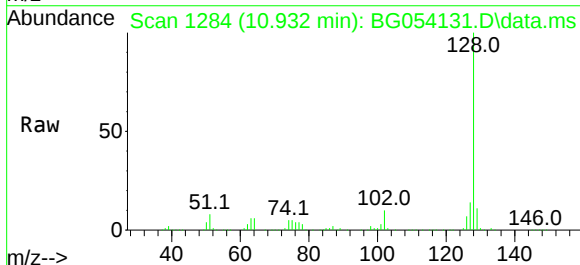
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-3DL

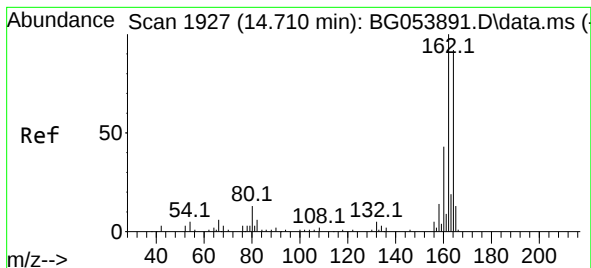
Tgt Ion: 82 Resp: 7089
Ion Ratio Lower Upper
82 100
128 42.1 27.9 41.9#
54 47.1 41.2 61.8



#31
Naphthalene
Concen: 42.823 ng
RT: 10.932 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

Tgt Ion: 128 Resp: 307242
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.2 11.1 16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.698 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BG054131.D

Acq: 29 Jun 2022 00:05

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-3DL

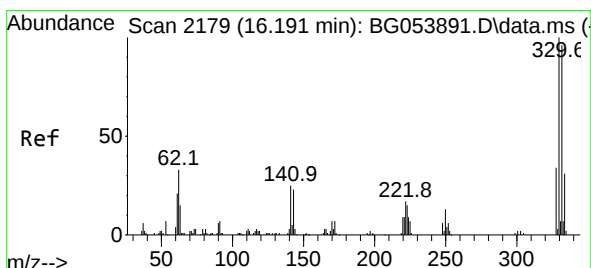
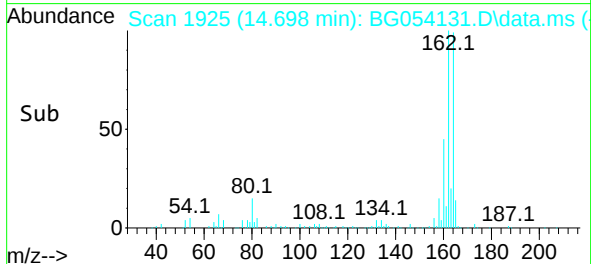
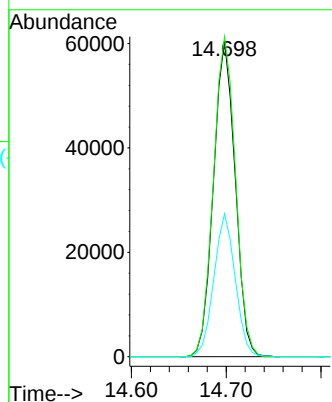
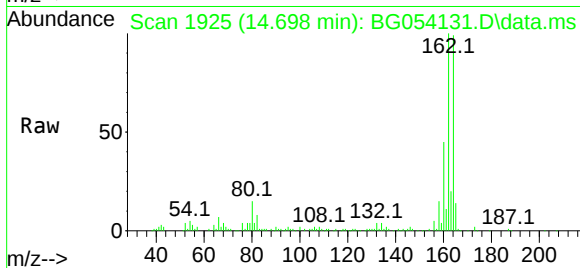
Tgt Ion:164 Resp: 96214

Ion Ratio Lower Upper

164 100

162 101.2 82.3 123.5

160 45.3 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 2.023 ng

RT: 16.185 min Scan# 2178

Delta R.T. 0.000 min

Lab File: BG054131.D

Acq: 29 Jun 2022 00:05

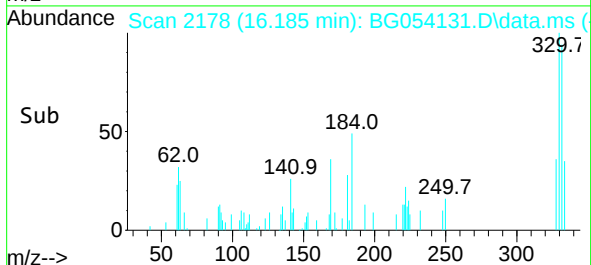
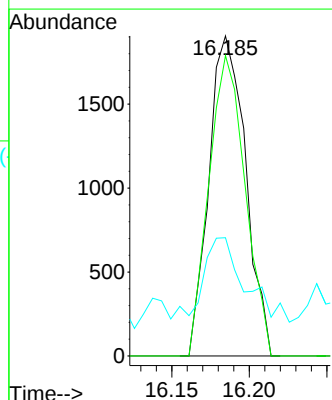
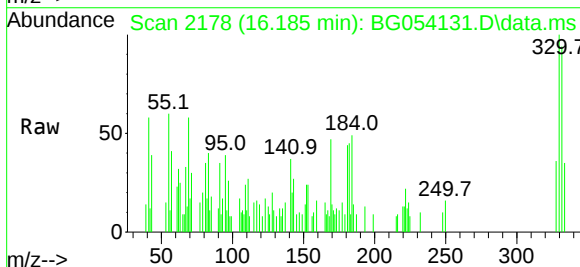
Tgt Ion:330 Resp: 3127

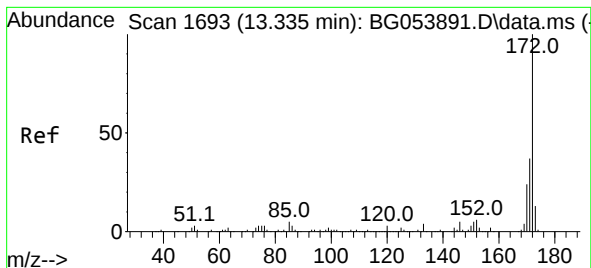
Ion Ratio Lower Upper

330 100

332 93.1 76.0 114.0

141 38.7 27.1 40.7

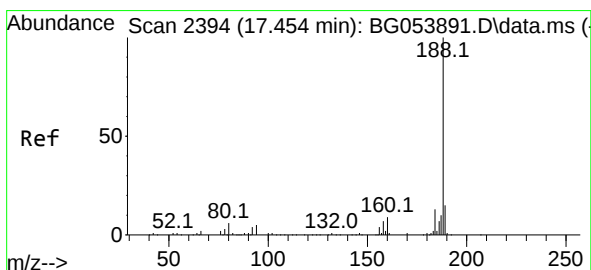
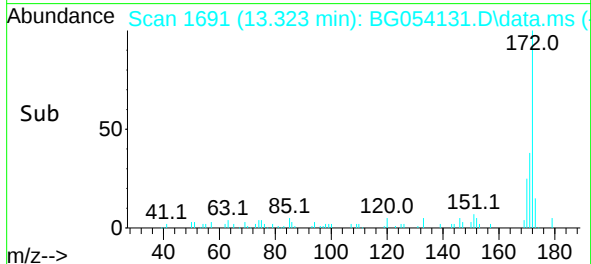
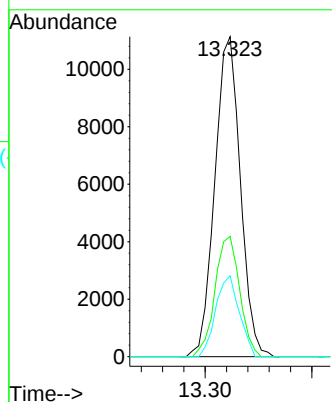
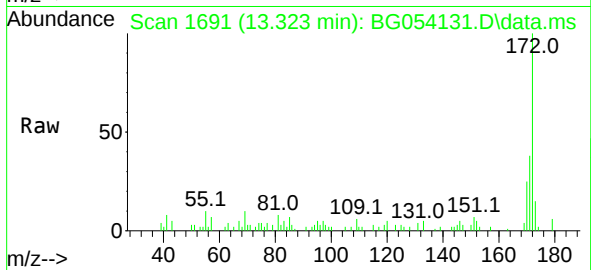




#45
2-Fluorobiphenyl
Concen: 2.793 ng
RT: 13.323 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

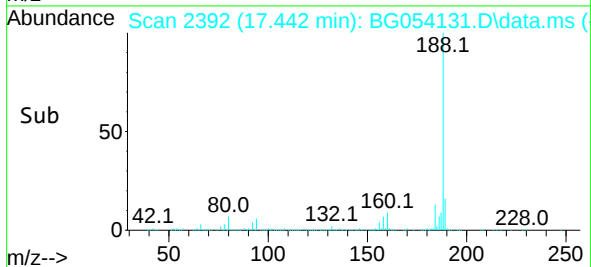
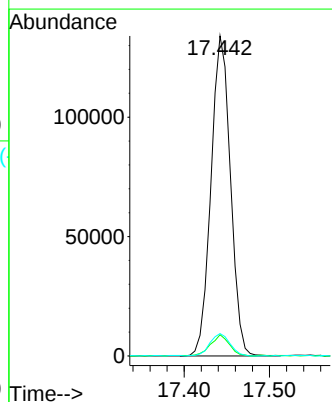
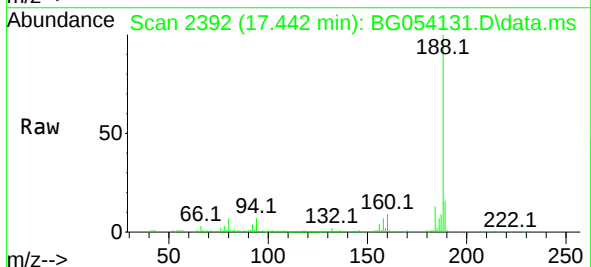
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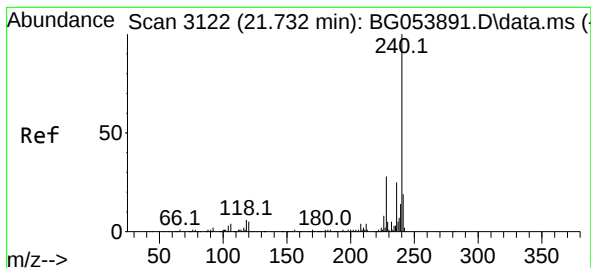
Tgt Ion:172 Resp: 18483
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 25.3 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BG054131.D
Acq: 29 Jun 2022 00:05

Tgt Ion:188 Resp: 212469
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 7.0 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.719 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG054131.D

Acq: 29 Jun 2022 00:05

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-3DL

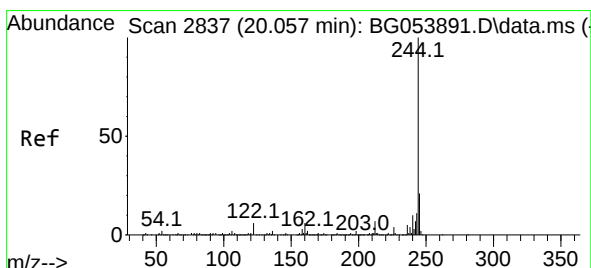
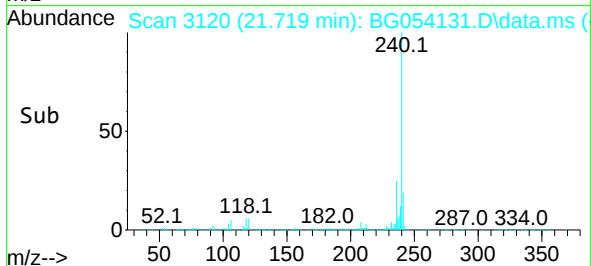
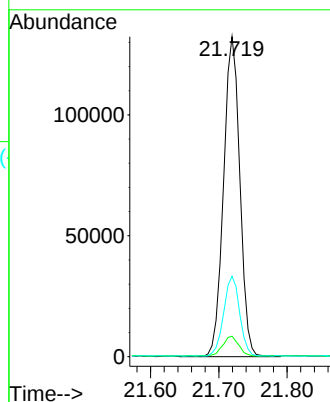
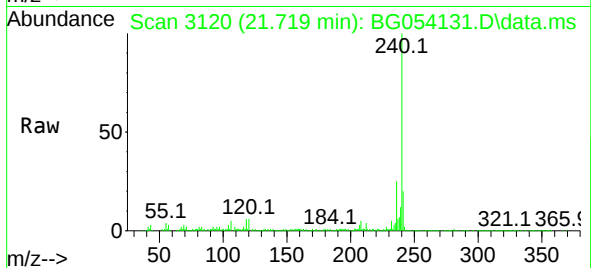
Tgt Ion:240 Resp: 220449

Ion Ratio Lower Upper

240 100

120 6.4 4.6 7.0

236 25.1 20.2 30.4



#79

Terphenyl-d14

Concen: 2.956 ng

RT: 20.045 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BG054131.D

Acq: 29 Jun 2022 00:05

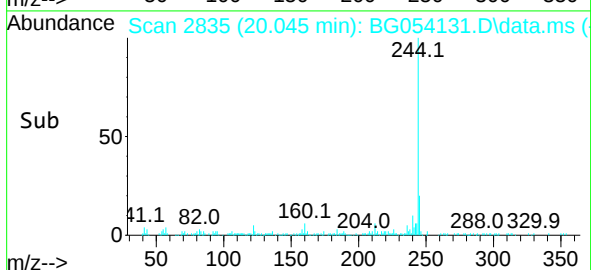
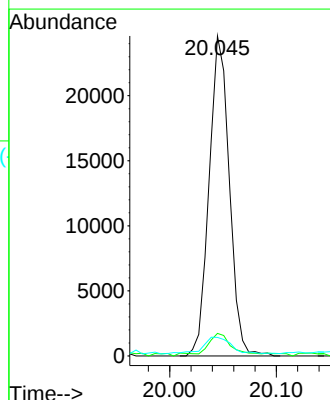
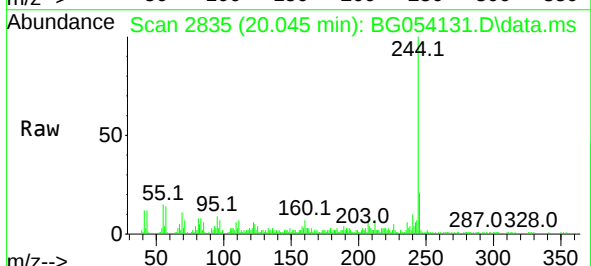
Tgt Ion:244 Resp: 32354

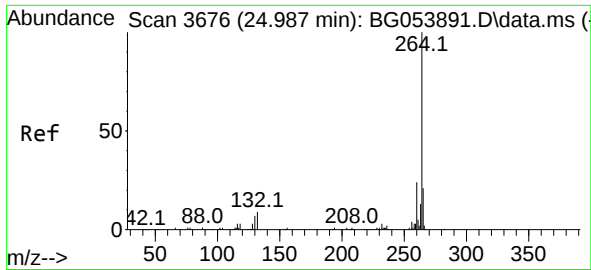
Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 5.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 30

Delta R.T. 0.024 min

Lab File: BG054131.D

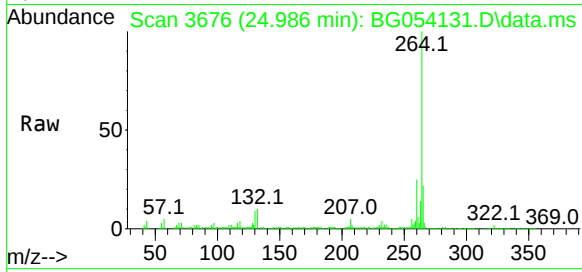
Acq: 29 Jun 2022 00:05

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-3DL



Tgt Ion:264 Resp: 230340

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.7 17.4 26.2

