

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081422\
 Data File : BG054635.D
 Acq On : 14 Aug 2022 16:38
 Operator : CG/JU
 Sample : N4148-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 391433-RBR024

Quant Time: Aug 15 04:20:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

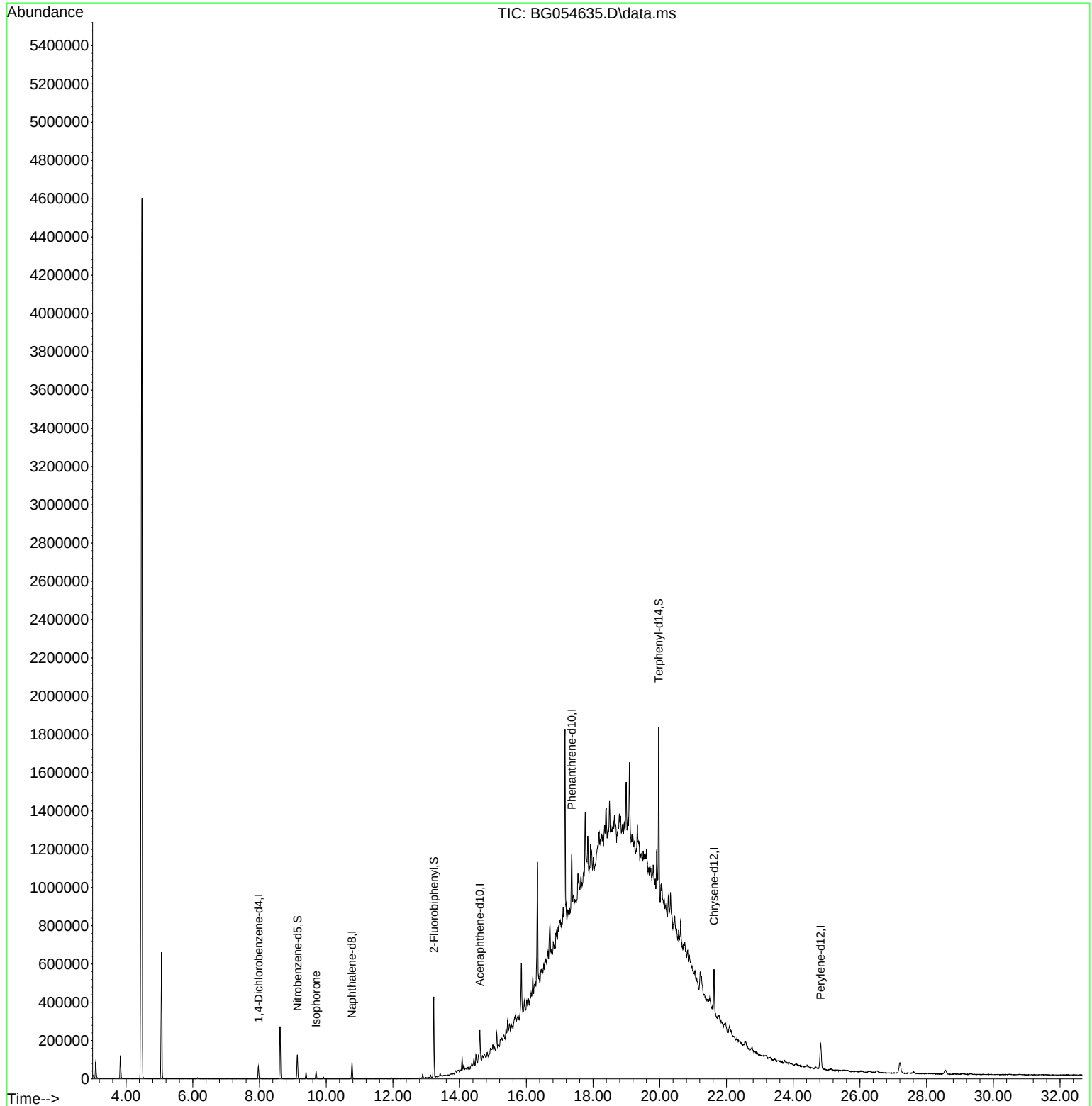
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	20880	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	79733	20.000	ng	# 0.00
39) Acenaphthene-d10	14.605	164	54865	20.000	ng	0.00
64) Phenanthrene-d10	17.361	188	121576	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	150881	20.000	ng	0.00
86) Perylene-d12	24.823	264	161288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	7.208	99	352	0.257	ng	0.04
23) Nitrobenzene-d5	9.135	82	81595	55.729	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	13.225	172	240779	61.909	ng	0.00
79) Terphenyl-d14	19.970	244	458247	60.251	ng	0.00
Target Compounds						
25) Isophorone	9.694	82	28784	11.304	ng	Qvalue # 93

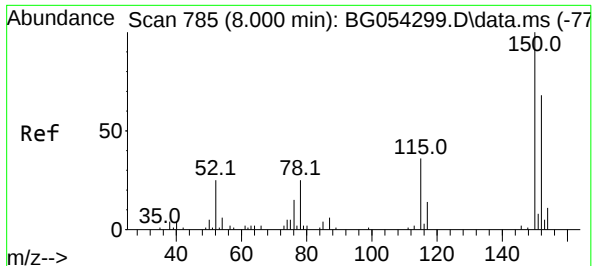
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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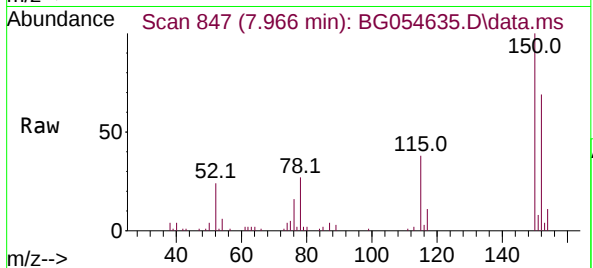
Quant Time: Aug 15 04:20:04 2022
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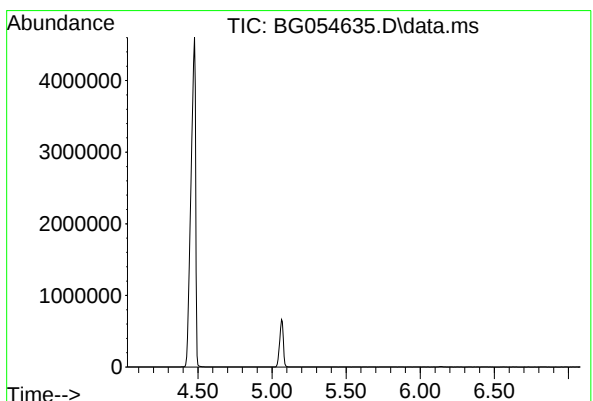
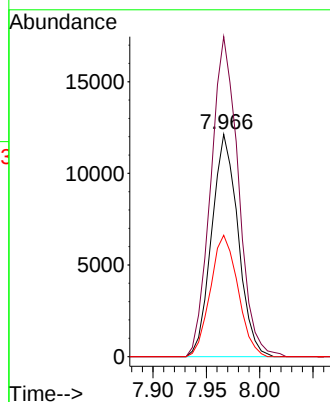
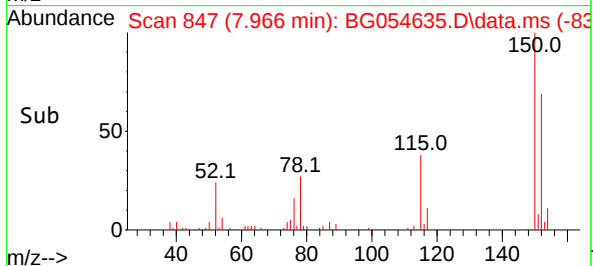


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Instrument :
BNA_G
ClientSampleId :
391433-RBR024



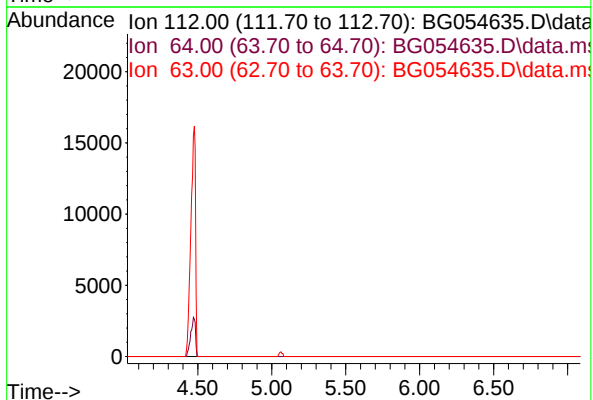
Tgt Ion:152 Resp: 20880
Ion Ratio Lower Upper
152 100
150 143.9 131.6 197.4
115 54.5 50.9 76.3

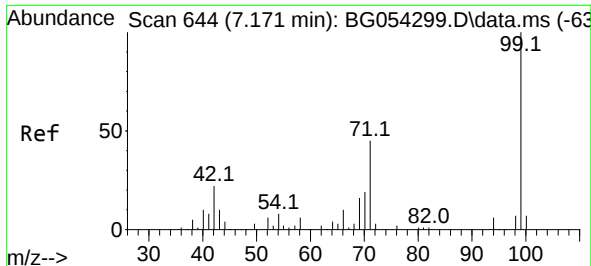


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.55 min

Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.9
63 38.0

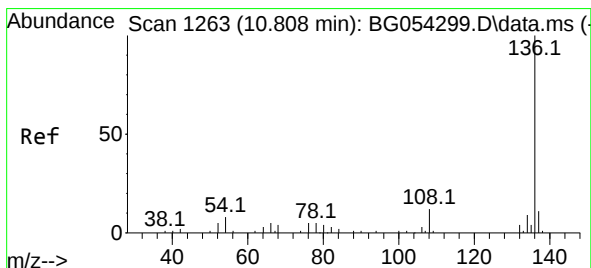
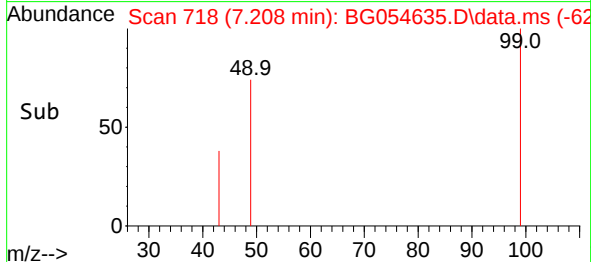
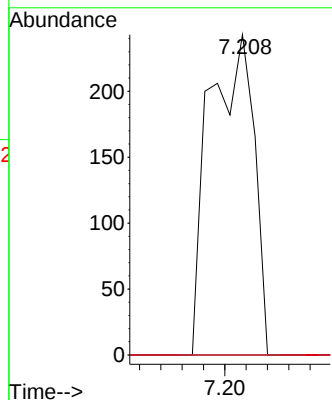
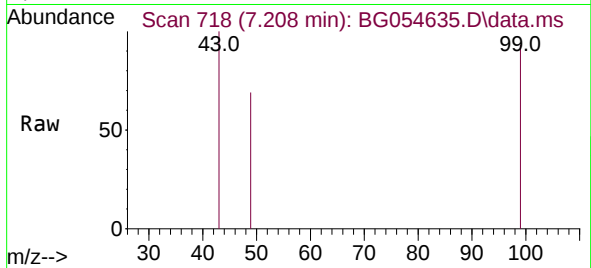




#7
Phenol-d6
Concen: 0.257 ng
RT: 7.208 min Scan# 71
Delta R.T. 0.039 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

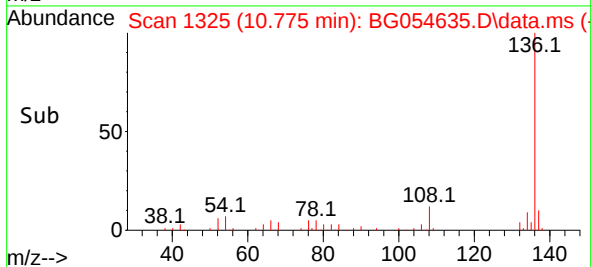
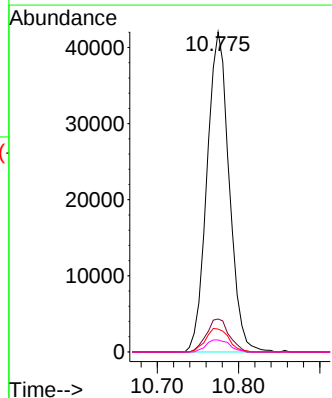
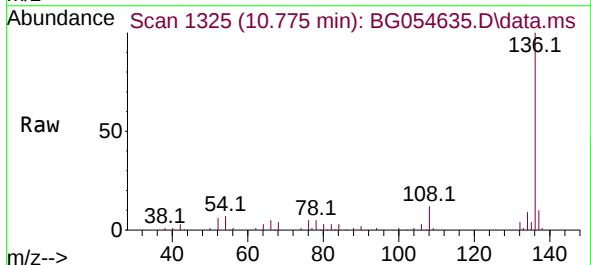
Instrument :
BNA_G
ClientSampleId :
391433-RBR024

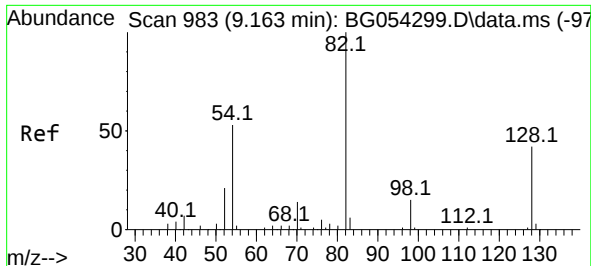
Tgt Ion: 99 Resp: 352
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 33.8 50.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1325
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion: 136 Resp: 79733
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 7.1 7.4 11.2#
68 3.7 4.9 7.3#

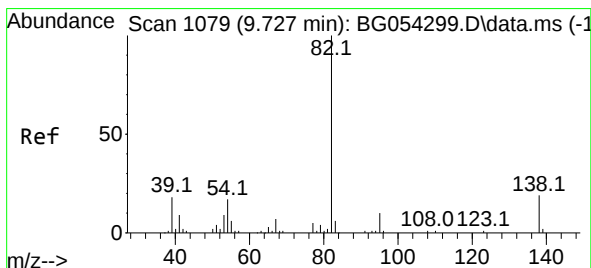
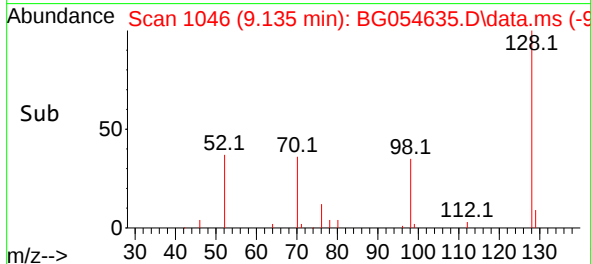
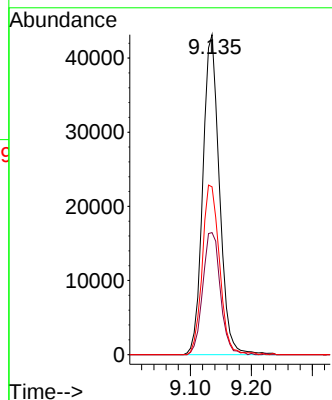
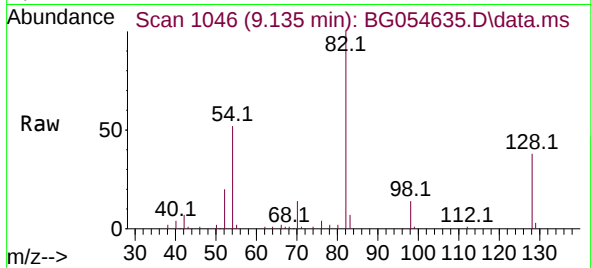




#23
Nitrobenzene-d5
Concen: 55.729 ng
RT: 9.135 min Scan# 1046
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

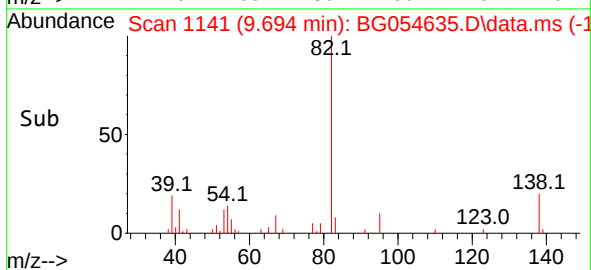
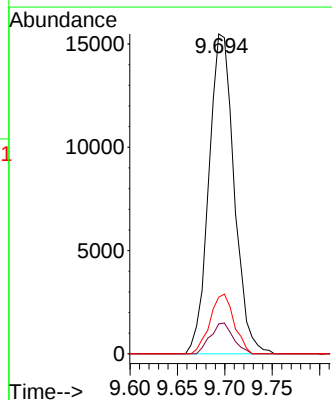
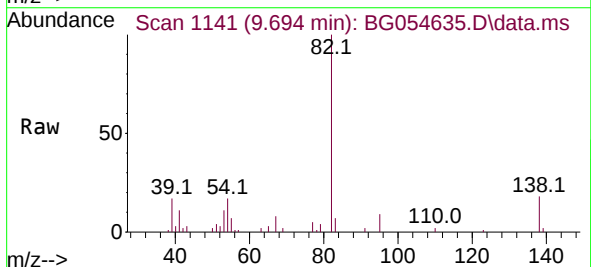
Instrument :
BNA_G
ClientSampleId :
391433-RBR024

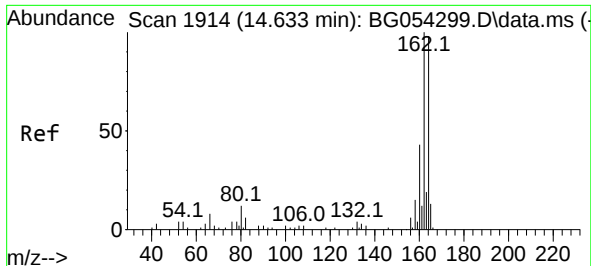
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	27.9	41.9
54	52.4	41.2	61.8



#25
Isophorone
Concen: 11.304 ng
RT: 9.694 min Scan# 1141
Delta R.T. -0.008 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.2	9.4#
138	17.7	11.6	17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.605 min Scan# 19

Delta R.T. -0.002 min

Lab File: BG054635.D

Acq: 14 Aug 2022 16:38

Instrument :

BNA_G

ClientSampleId :

391433-RBR024

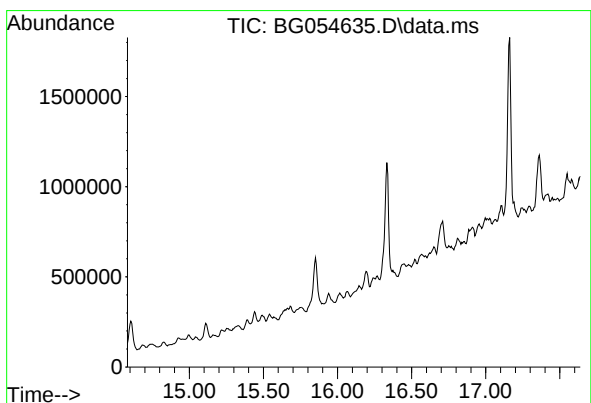
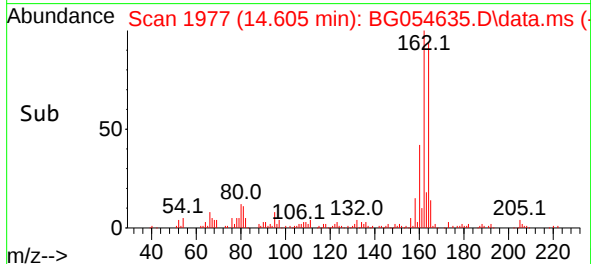
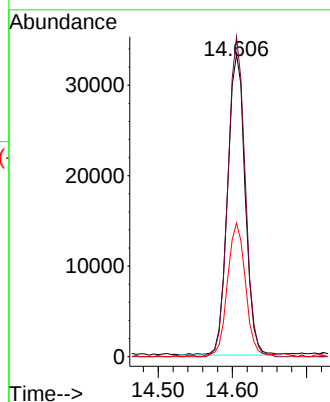
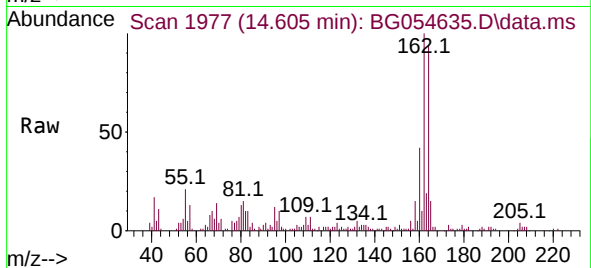
Tgt Ion:164 Resp: 54865

Ion Ratio Lower Upper

164 100

162 105.9 82.3 123.5

160 44.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.11 min

Lab File: BG054635.D

Acq: 14 Aug 2022 16:38

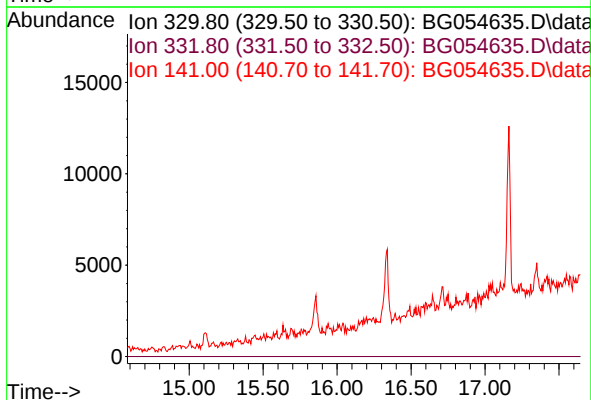
Tgt Ion: 330

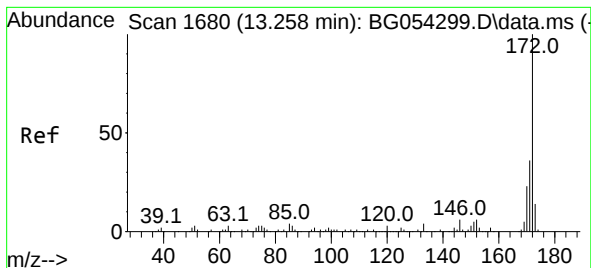
Sig Exp Ratio

330 100

332 95.0

141 33.9





#45

2-Fluorobiphenyl

Concen: 61.909 ng

RT: 13.225 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054635.D

Acq: 14 Aug 2022 16:38

Instrument :

BNA_G

ClientSampleId :

391433-RBR024

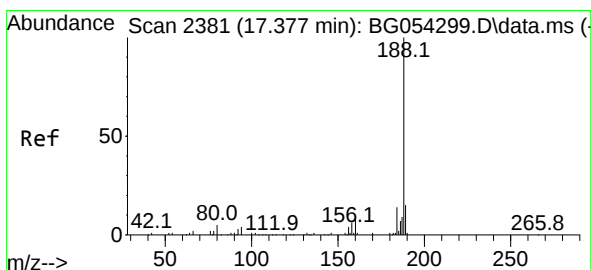
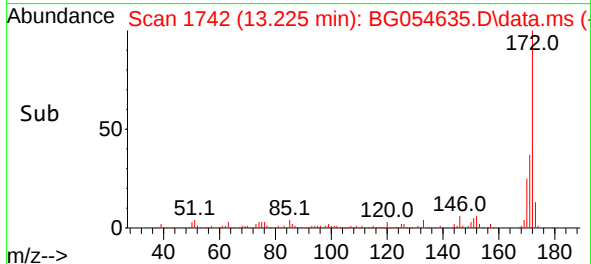
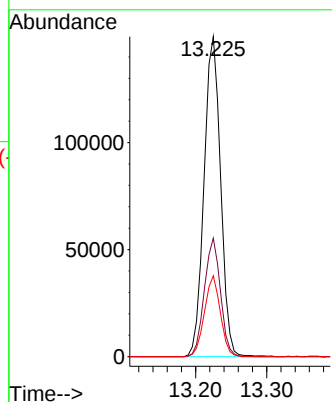
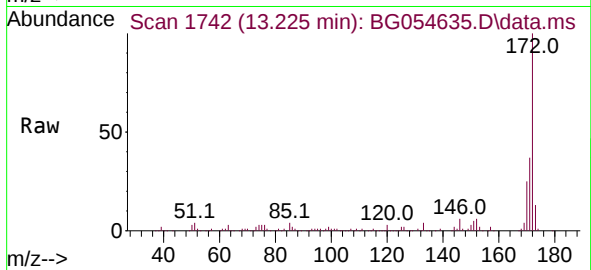
Tgt Ion:172 Resp: 240779

Ion Ratio Lower Upper

172 100

171 37.0 28.5 42.7

170 25.3 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.361 min Scan# 2446

Delta R.T. 0.004 min

Lab File: BG054635.D

Acq: 14 Aug 2022 16:38

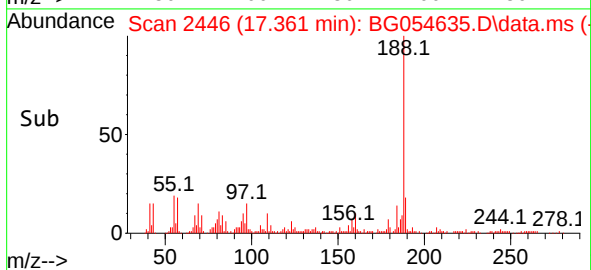
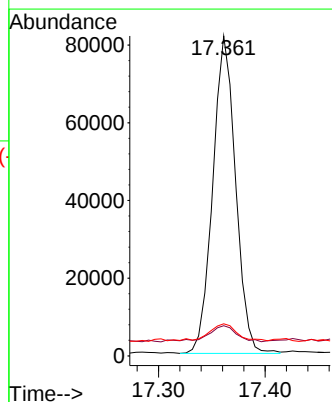
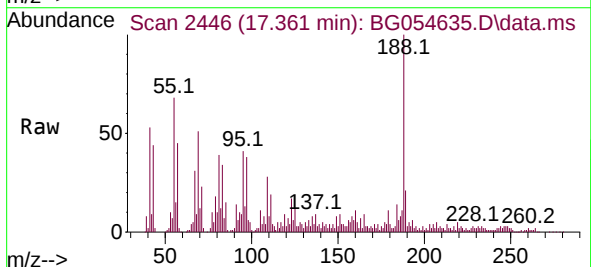
Tgt Ion:188 Resp: 121576

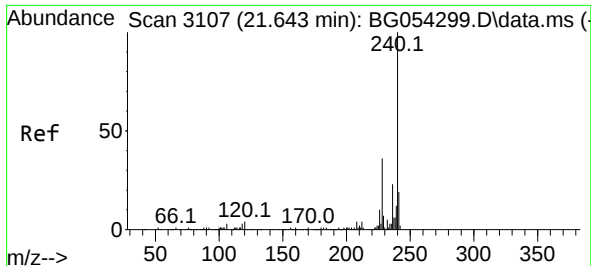
Ion Ratio Lower Upper

188 100

94 9.4 5.4 8.0#

80 10.0 6.8 10.2

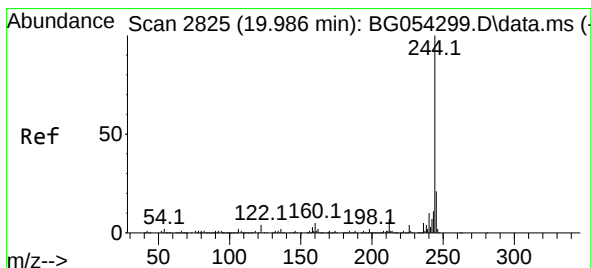
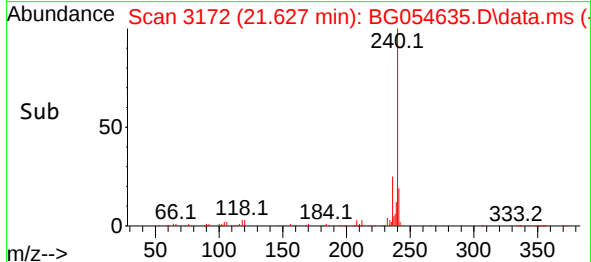
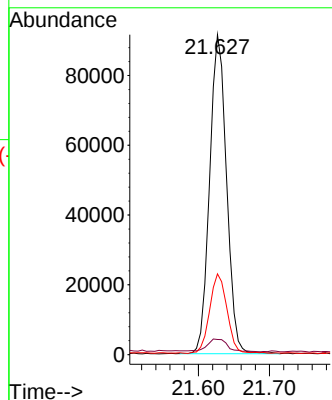
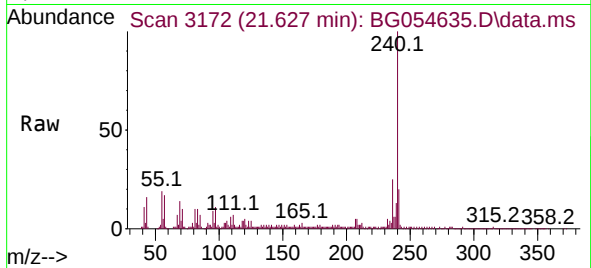




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.627 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

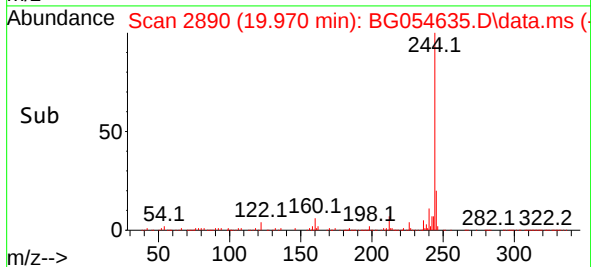
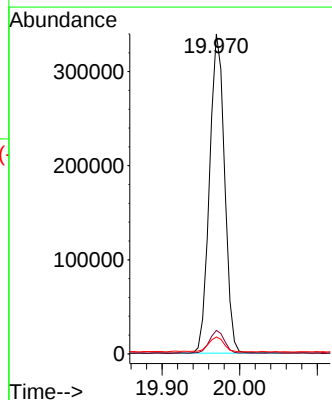
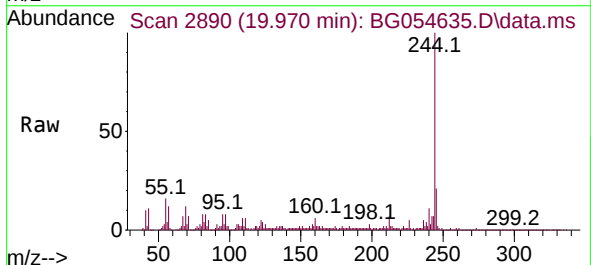
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391433-RBR024

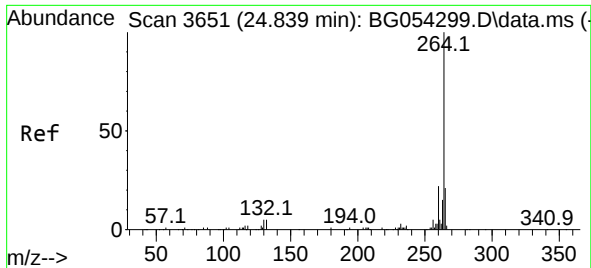
Tgt Ion:240 Resp: 150881
Ion Ratio Lower Upper
240 100
120 4.7 4.6 7.0
236 25.2 20.2 30.4



#79
Terphenyl-d14
Concen: 60.251 ng
RT: 19.970 min Scan# 2890
Delta R.T. 0.004 min
Lab File: BG054635.D
Acq: 14 Aug 2022 16:38

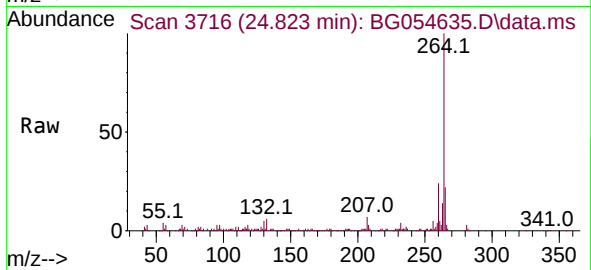
Tgt Ion:244 Resp: 458247
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 5.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.823 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG054635.D
 Acq: 14 Aug 2022 16:38

Instrument :
 BNA_G
 ClientSampleId :
 391433-RBR024



Tgt Ion:264 Resp: 161288
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 22.1 17.4 26.2

