

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054712.D
 Acq On : 23 Aug 2022 18:19
 Operator : CG/JU
 Sample : N4274-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1

Quant Time: Aug 24 01:51:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

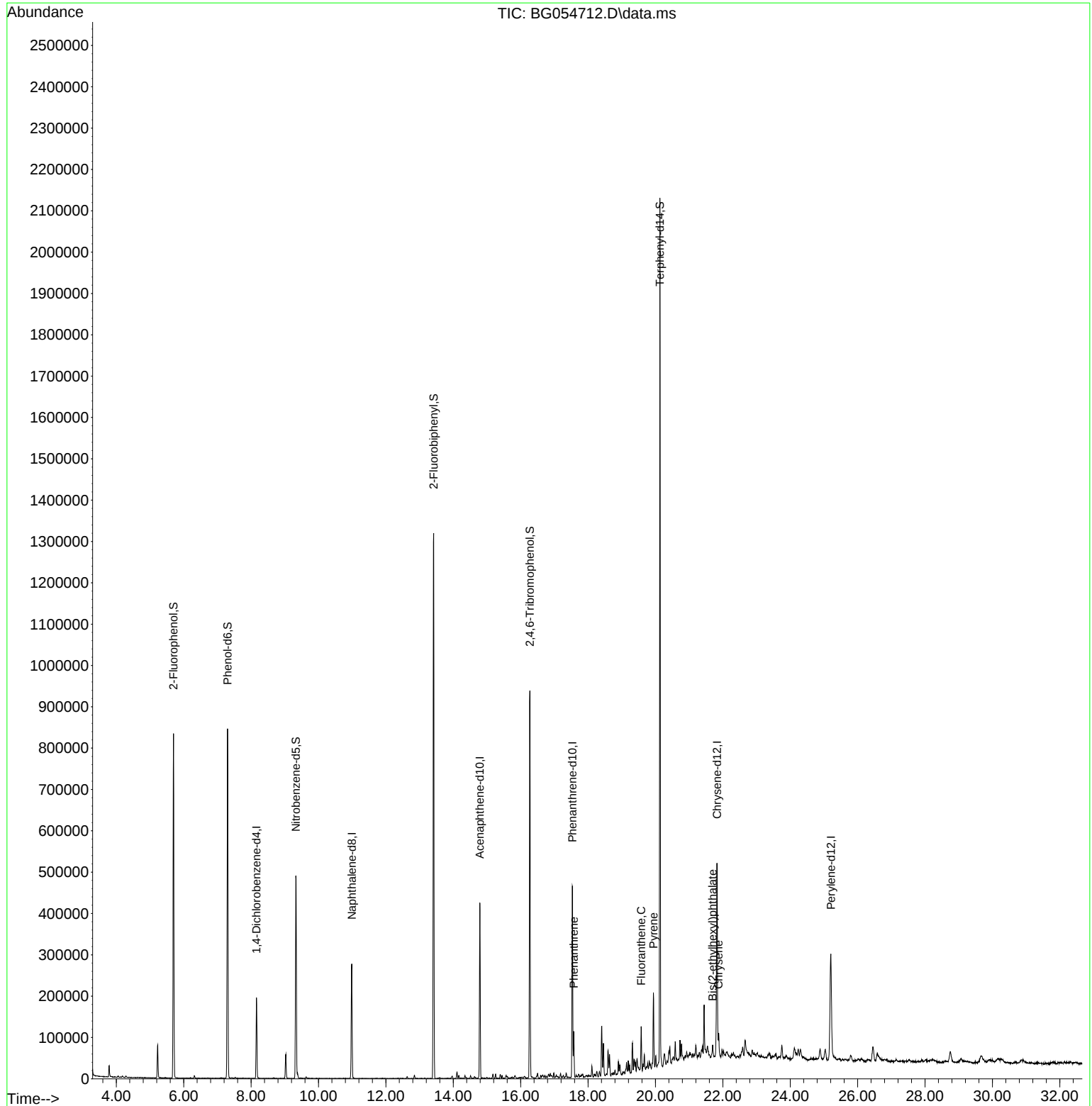
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	57119	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	244477	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	152889	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	305750	20.000	ng	0.00
76) Chrysene-d12	21.827	240	277811	20.000	ng	0.00
86) Perylene-d12	25.205	264	290554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	368476	121.564	ng	0.00
7) Phenol-d6	7.302	99	499058	117.503	ng	0.00
23) Nitrobenzene-d5	9.329	82	303705	70.795	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	184093	150.354	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	715526	69.017	ng	0.00
79) Terphenyl-d14	20.134	244	998683	71.410	ng	0.00
Target Compounds						
71) Phenanthrene	17.579	178	72984	4.478	ng	Qvalue 99
75) Fluoranthene	19.582	202	59958	3.121	ng	99
78) Pyrene	19.941	202	100109	5.109	ng	99
83) Chrysene	21.874	228	41858	2.331	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.697	149	10329	5.165	ng	97

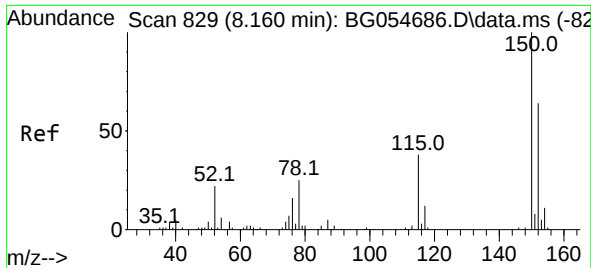
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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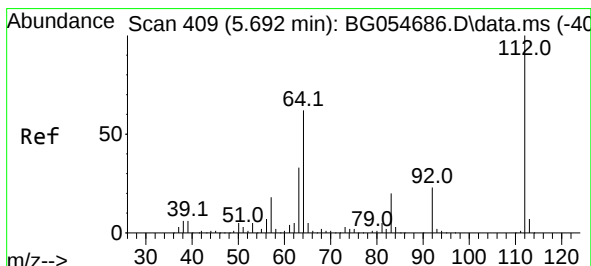
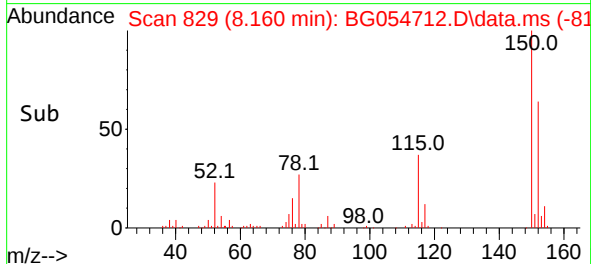
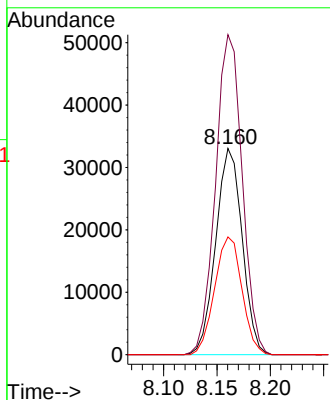
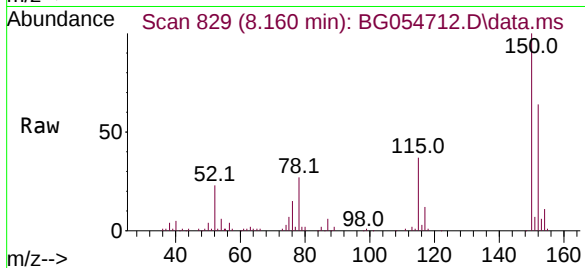




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

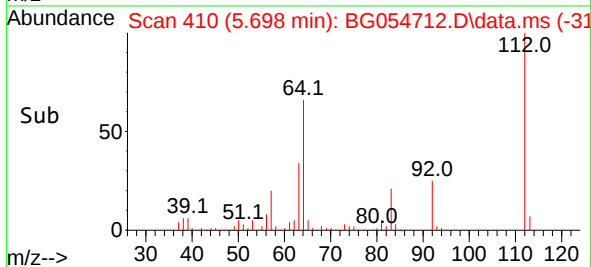
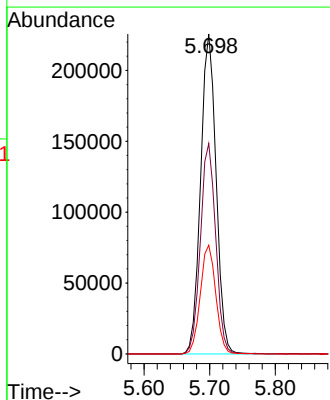
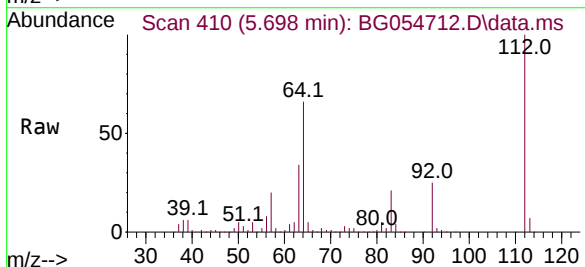
Instrument :
BNA_G
ClientSampleId :
CL-1

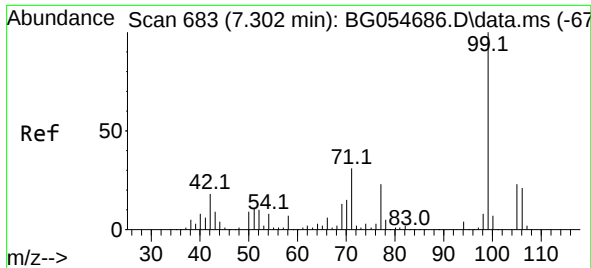
Tgt Ion:152 Resp: 57119
Ion Ratio Lower Upper
152 100
150 155.2 125.2 187.8
115 57.1 47.9 71.9



#5
2-Fluorophenol
Concen: 121.564 ng
RT: 5.698 min Scan# 410
Delta R.T. 0.007 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:112 Resp: 368476
Ion Ratio Lower Upper
112 100
64 65.7 49.3 73.9
63 34.0 26.3 39.5

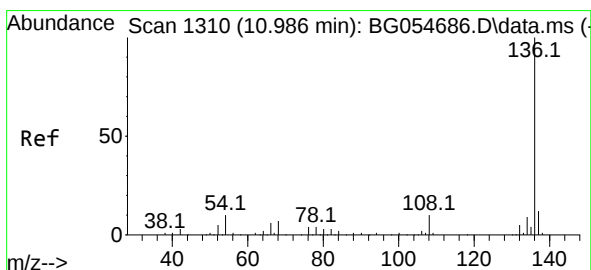
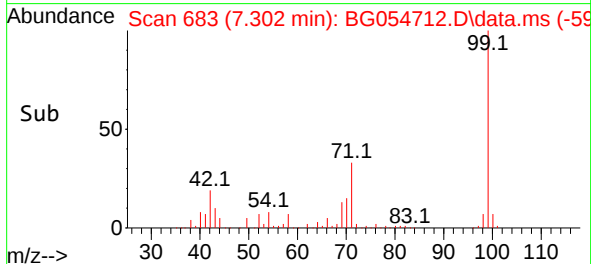
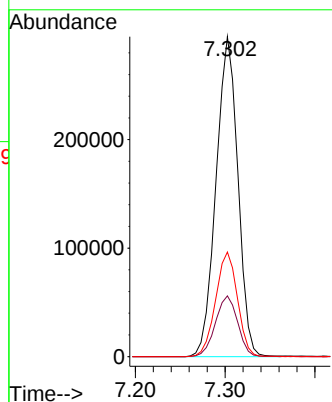
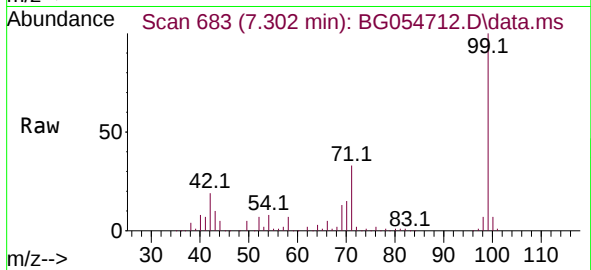




#7
Phenol-d6
Concen: 117.503 ng
RT: 7.302 min Scan# 683
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

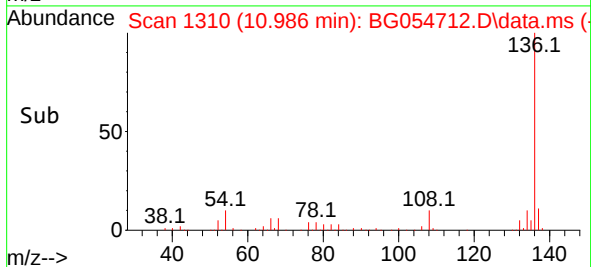
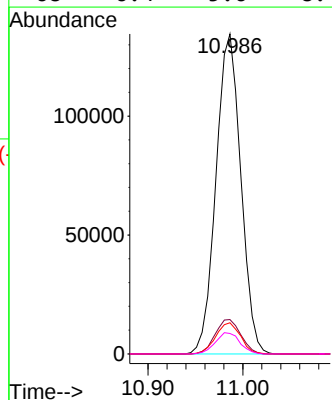
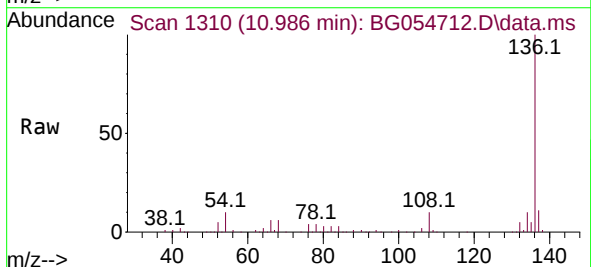
Instrument :
BNA_G
ClientSampleId :
CL-1

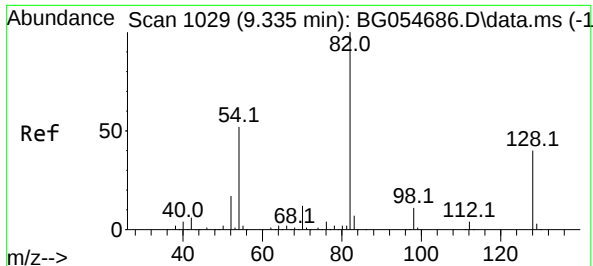
Tgt Ion: 99 Resp: 499058
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 32.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.986 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion: 136 Resp: 244477
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.7 7.7 11.5
68 6.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 70.795 ng

RT: 9.329 min Scan# 1028

Delta R.T. -0.005 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

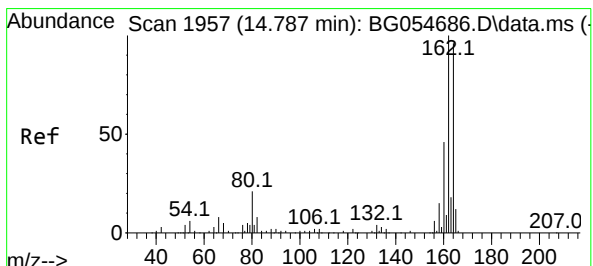
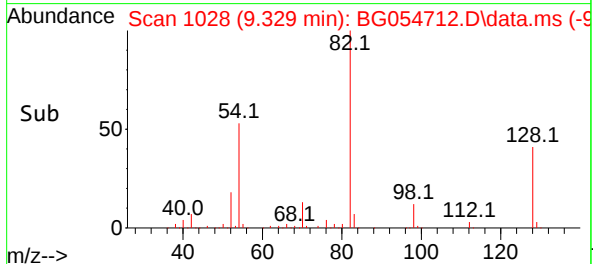
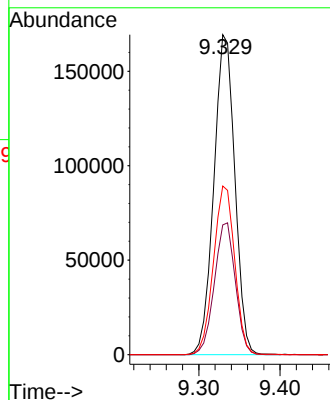
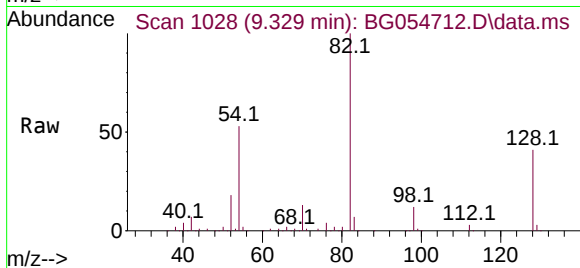
Tgt Ion: 82 Resp: 303705

Ion Ratio Lower Upper

82 100

128 40.5 32.2 48.2

54 52.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.788 min Scan# 1957

Delta R.T. 0.001 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

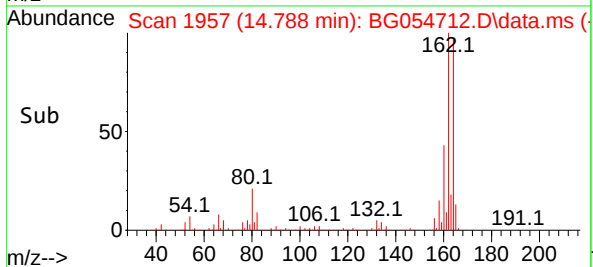
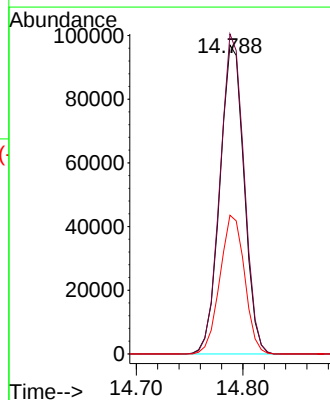
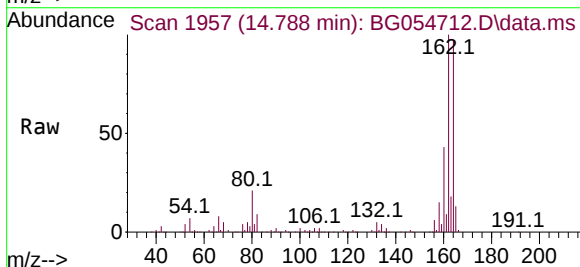
Tgt Ion: 164 Resp: 152889

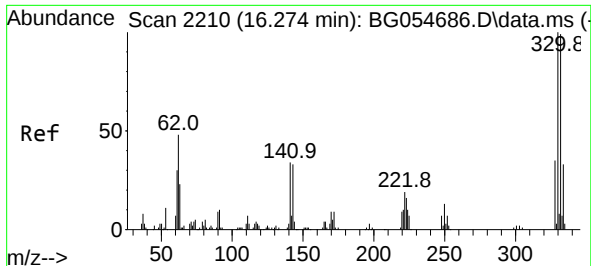
Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

160 44.9 38.0 57.0

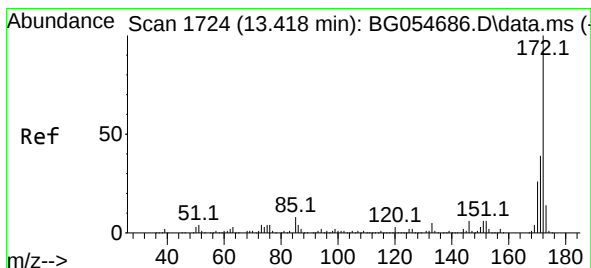
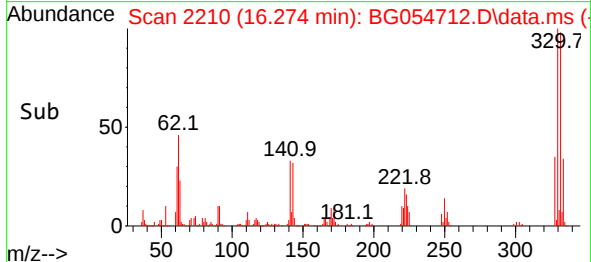
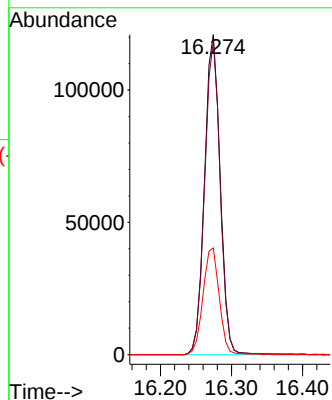
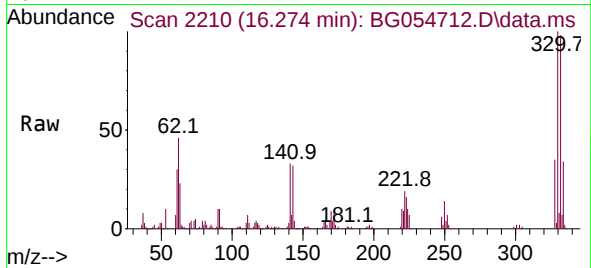




#42
2,4,6-Tribromophenol
Concen: 150.354 ng
RT: 16.274 min Scan# 211
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

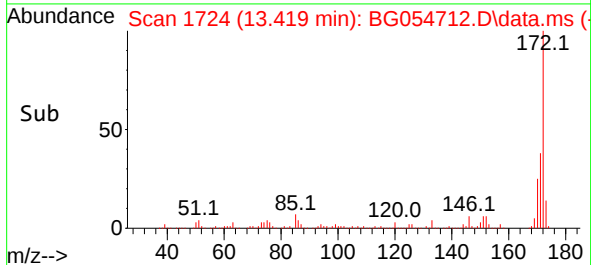
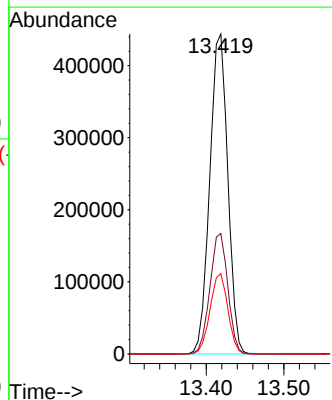
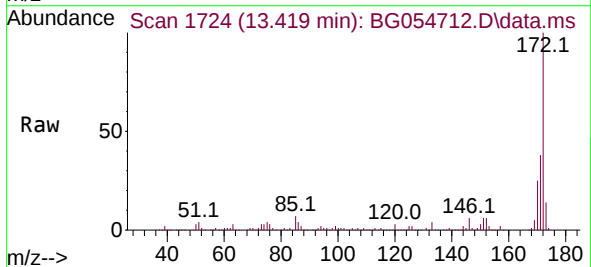
Instrument :
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ClientSampleId :
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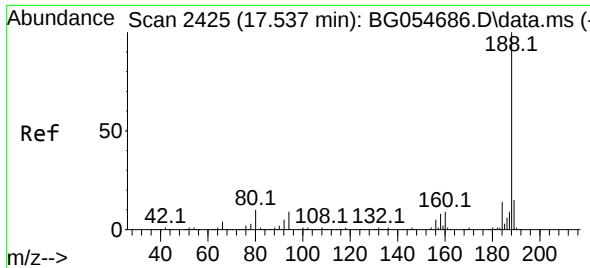
Tgt Ion:330 Resp: 184093
Ion Ratio Lower Upper
330 100
332 97.1 79.8 119.6
141 34.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 69.017 ng
RT: 13.419 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:172 Resp: 715526
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.1 20.6 30.8

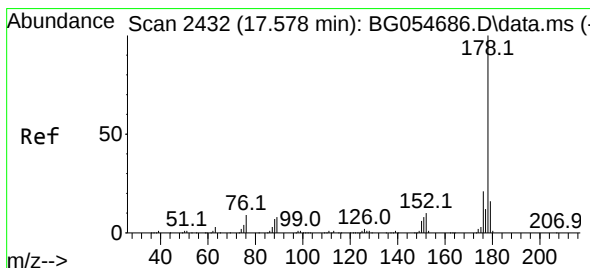
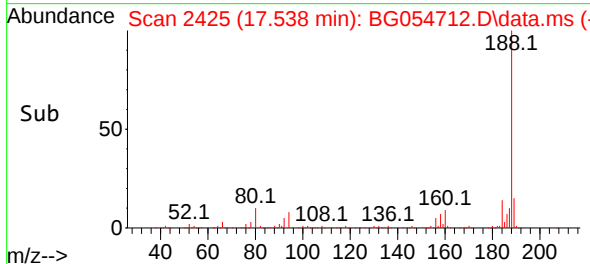
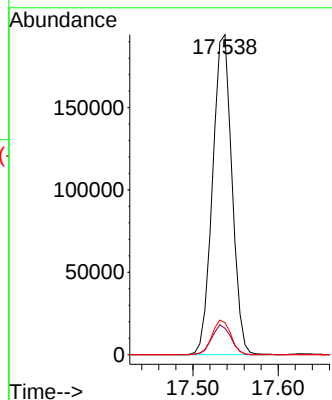
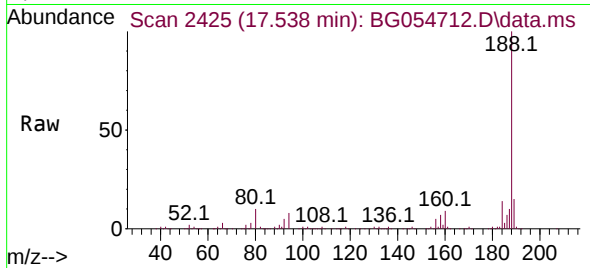




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.538 min Scan# 2425
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

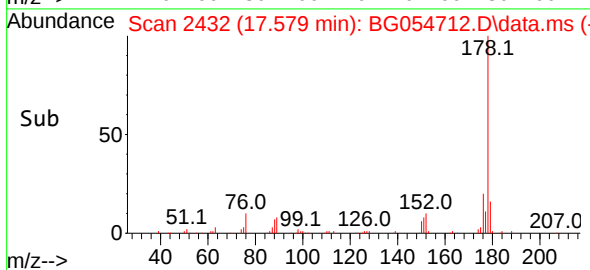
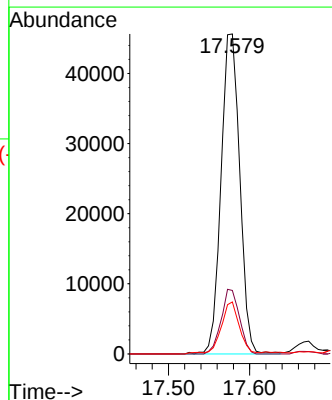
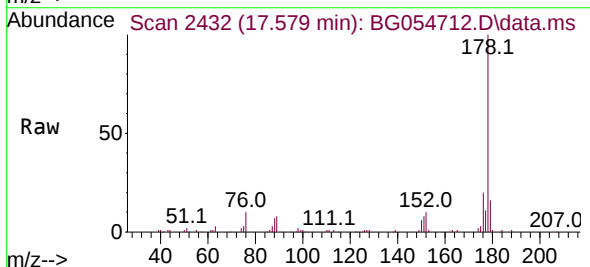
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ClientSampleId :
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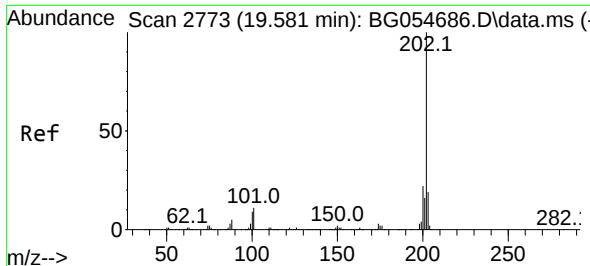
Tgt Ion:188 Resp: 305750
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 10.0 7.9 11.9



#71
Phenanthrene
Concen: 4.478 ng
RT: 17.579 min Scan# 2432
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:178 Resp: 72984
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 16.3 12.8 19.2

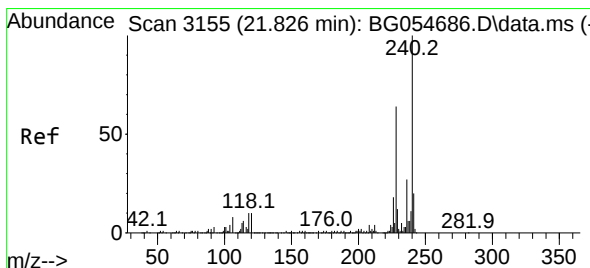
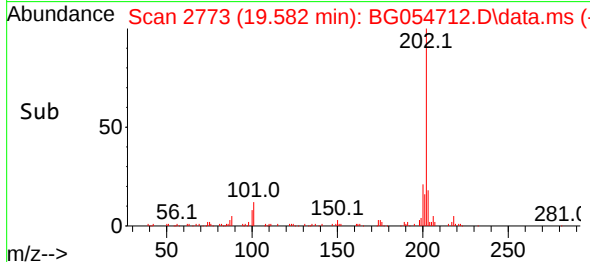
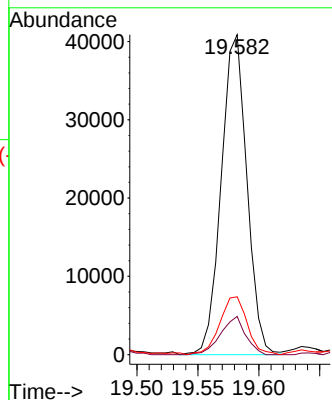
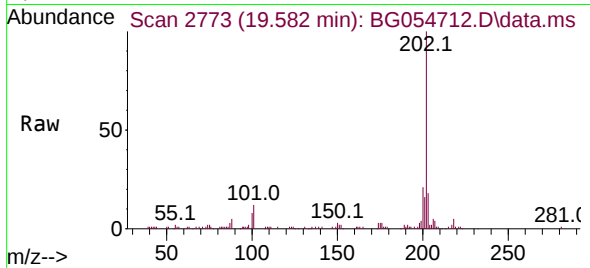




#75
Fluoranthene
Concen: 3.121 ng
RT: 19.582 min Scan# 2773
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

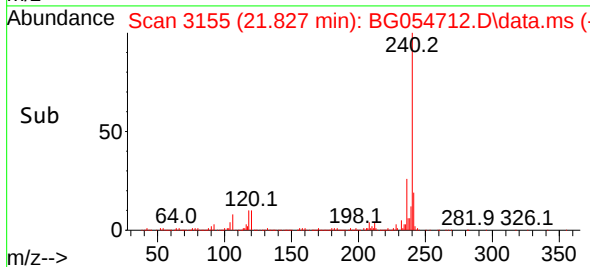
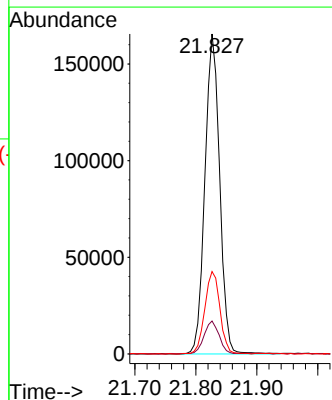
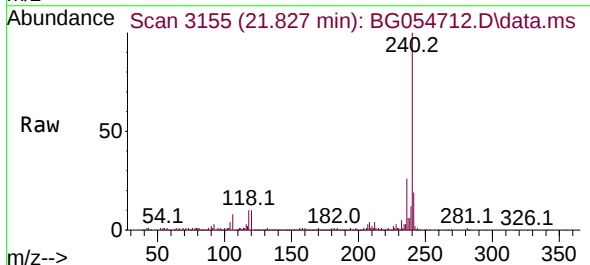
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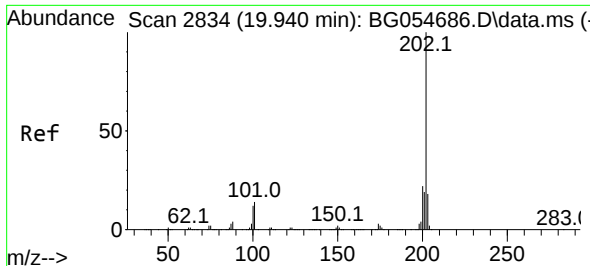
Tgt Ion:202 Resp: 59958
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.1 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054712.D
Acq: 23 Aug 2022 18:19

Tgt Ion:240 Resp: 277811
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 25.7 21.2 31.8

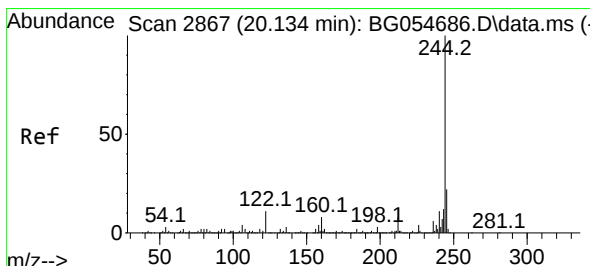
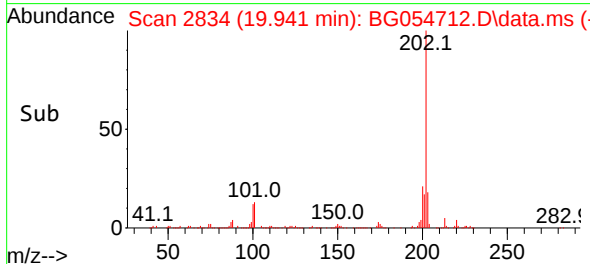
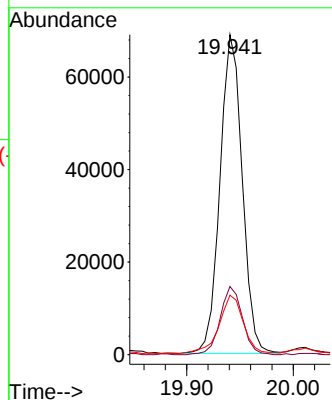
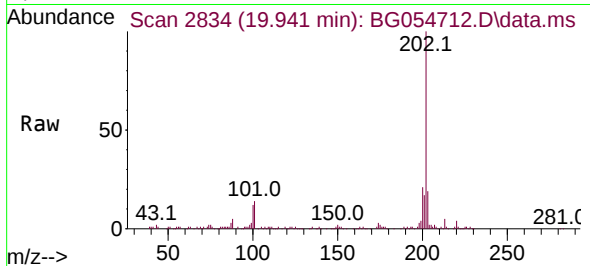




#78
 Pyrene
 Concen: 5.109 ng
 RT: 19.941 min Scan# 2834
 Delta R.T. 0.001 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

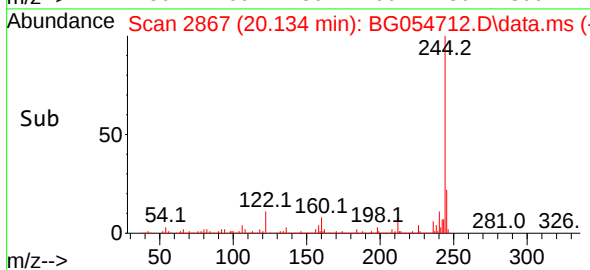
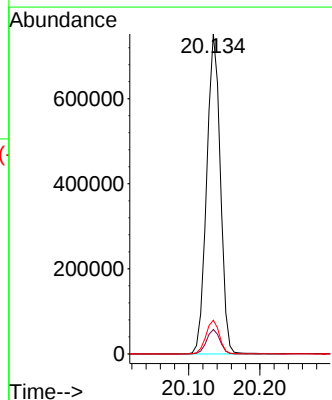
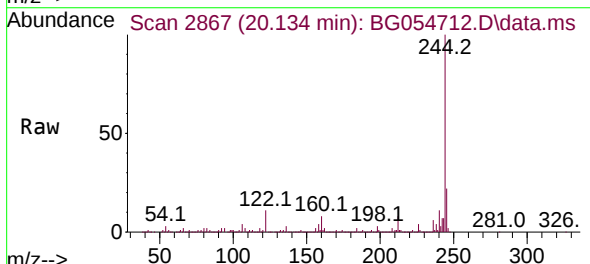
Instrument :
 BNA_G
 ClientSampleId :
 CL-1

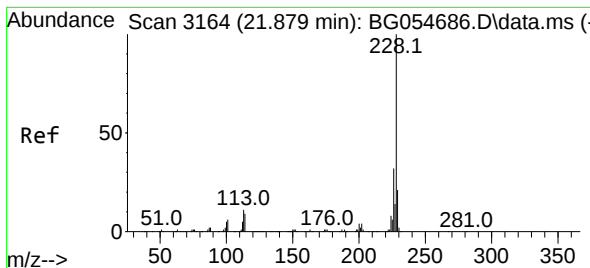
Tgt Ion:202 Resp: 100109
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.8 26.6
 203 18.6 14.6 21.8



#79
 Terphenyl-d14
 Concen: 71.410 ng
 RT: 20.134 min Scan# 2867
 Delta R.T. 0.001 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

Tgt Ion:244 Resp: 998683
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 10.5 9.0 13.6





#83

Chrysene

Concen: 2.331 ng

RT: 21.874 min Scan# 3164

Delta R.T. -0.005 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

Instrument :

BNA_G

ClientSampleId :

CL-1

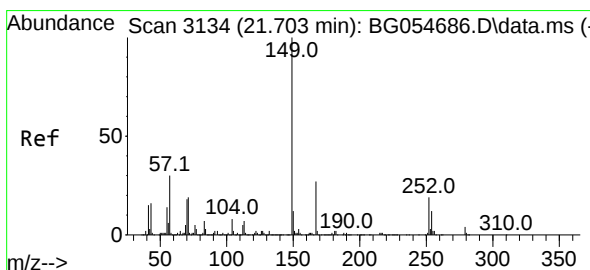
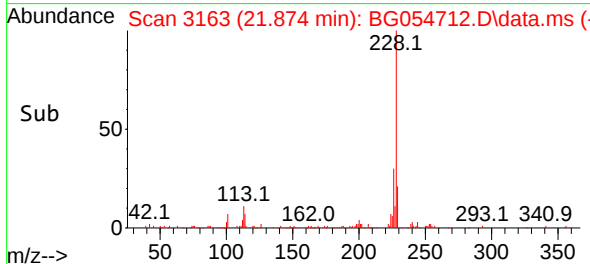
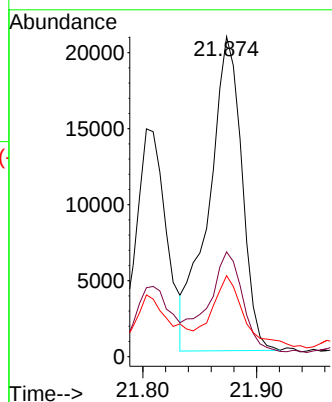
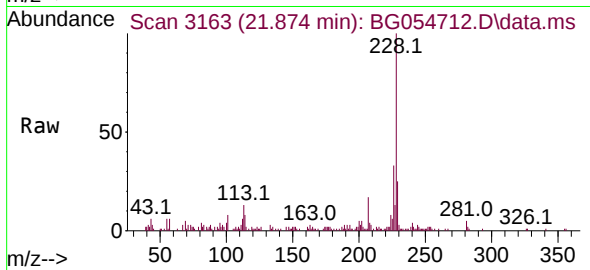
Tgt Ion:228 Resp: 41858

Ion Ratio Lower Upper

228 100

226 32.7 25.5 38.3

229 25.3 16.8 25.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.165 ng

RT: 21.697 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG054712.D

Acq: 23 Aug 2022 18:19

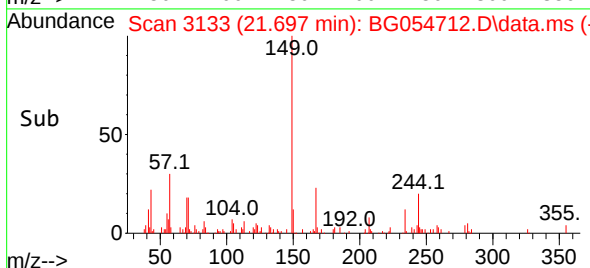
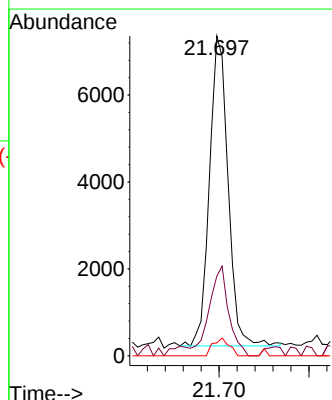
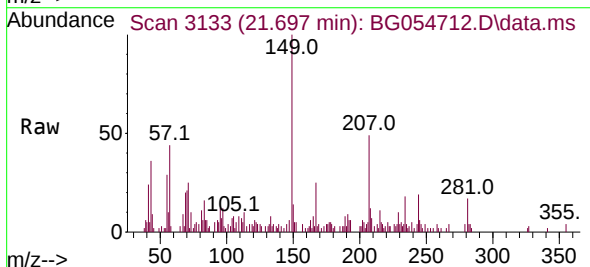
Tgt Ion:149 Resp: 10329

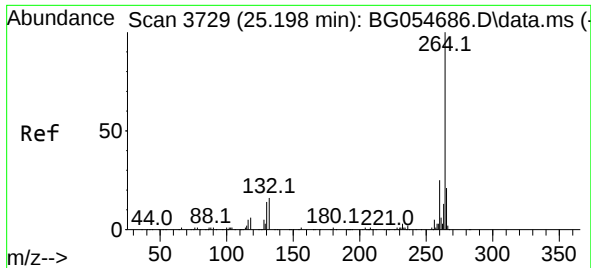
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.0

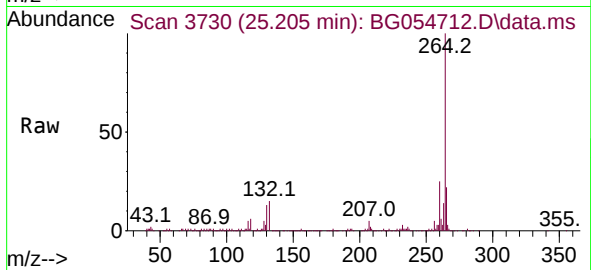
279 4.1 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.205 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG054712.D
 Acq: 23 Aug 2022 18:19

Instrument :
 BNA_G
 ClientSampleId :
 CL-1



Tgt Ion:264 Resp: 290554

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	21.8	16.9	25.3

