

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064019.D
 Acq On : 6 Feb 2025 15:59
 Operator : RC/JU
 Sample : PB166014BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166014BL

Quant Time: Feb 06 17:13:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:51:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	64149	20.000	ng	0.00
21) Naphthalene-d8	10.661	136	270844	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	178099	20.000	ng	0.00
64) Phenanthrene-d10	17.236	188	411082	20.000	ng	0.00
76) Chrysene-d12	21.472	240	455051	20.000	ng	0.00
86) Perylene-d12	24.498	264	470441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.461	112	559099	139.739	ng	0.00
7) Phenol-d6	7.042	99	722224	131.536	ng	0.00
23) Nitrobenzene-d5	9.022	82	453726	101.813	ng	0.00
42) 2,4,6-Tribromophenol	15.984	330	263841	128.431	ng	0.00
45) 2-Fluorobiphenyl	13.123	172	1006372	86.576	ng	0.00
79) Terphenyl-d14	19.862	244	2005888	92.060	ng	0.00

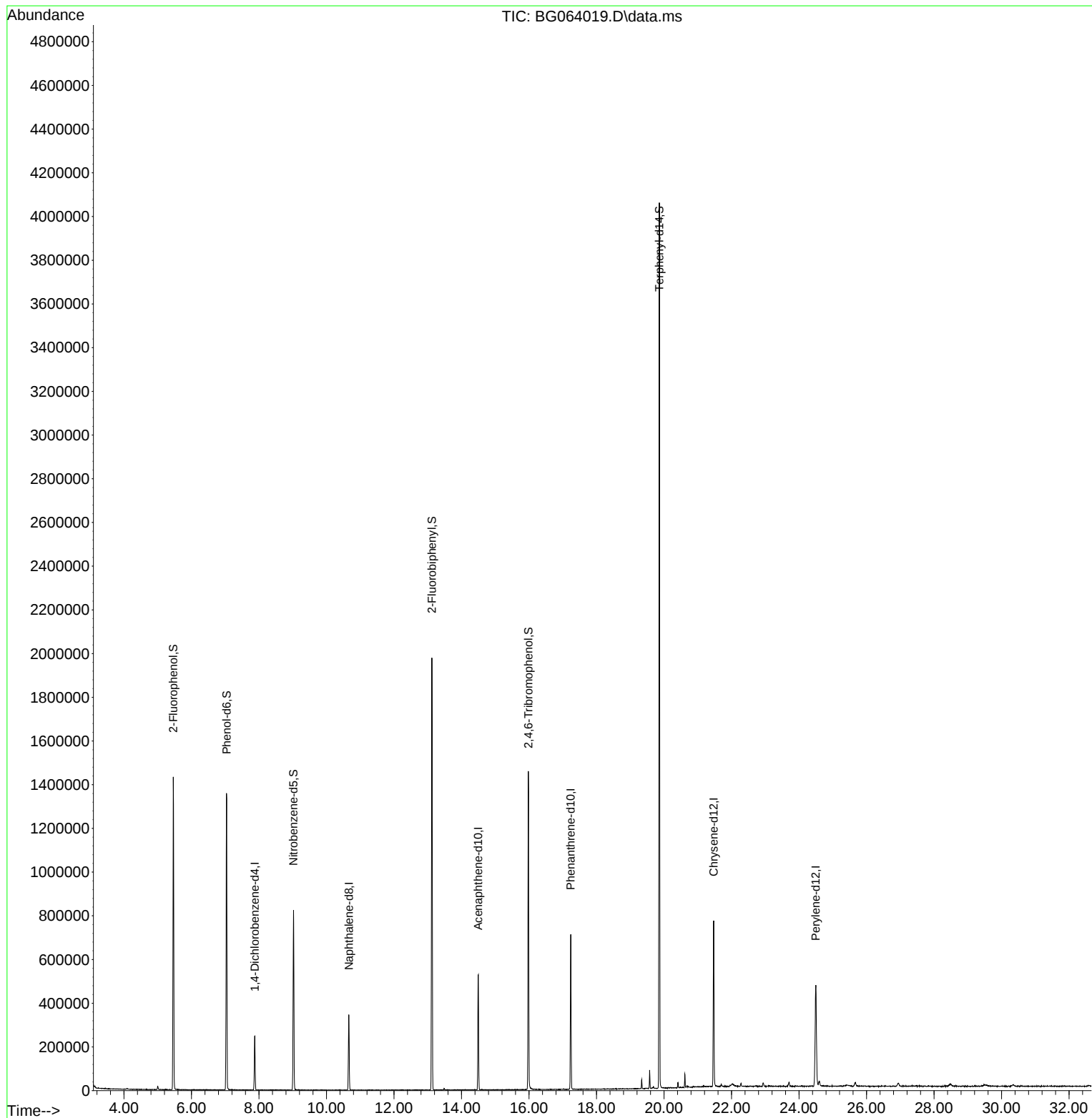
Target Compounds	Qvalue

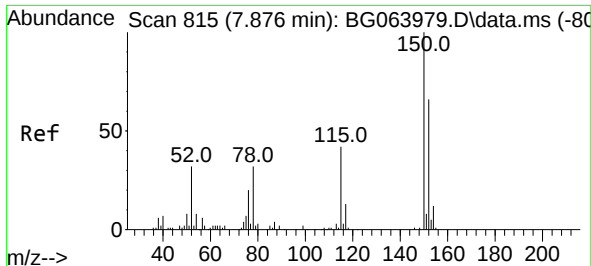
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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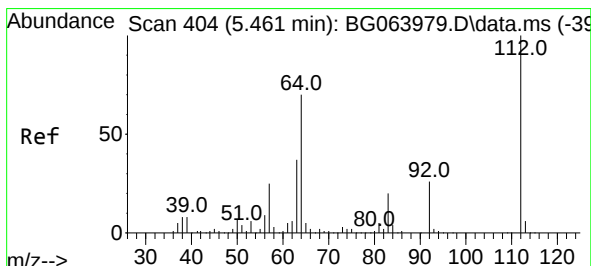
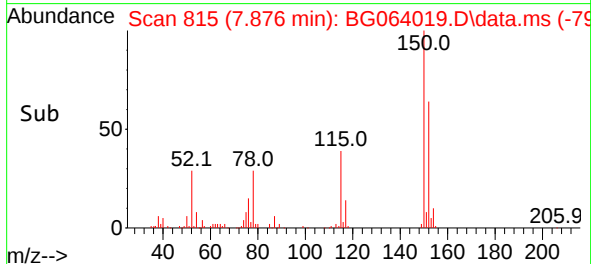
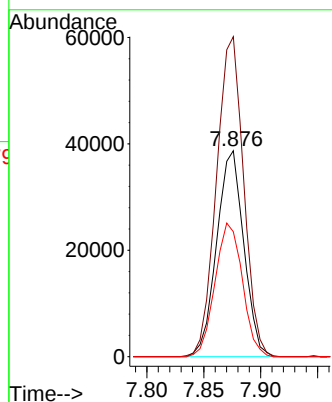
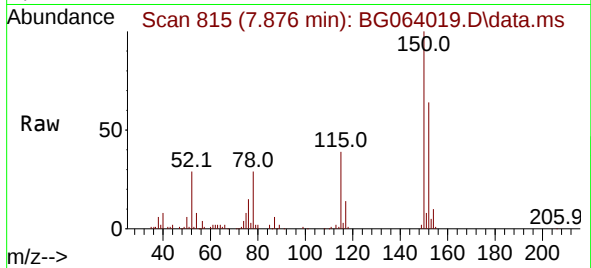




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.876 min Scan# 815
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

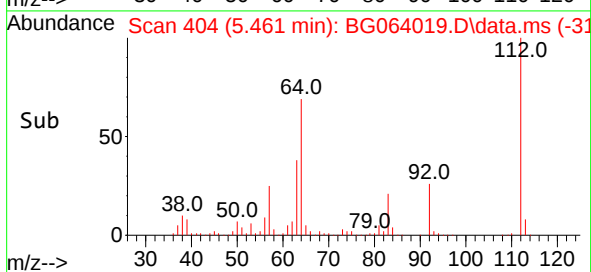
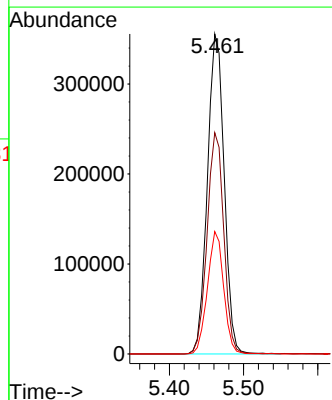
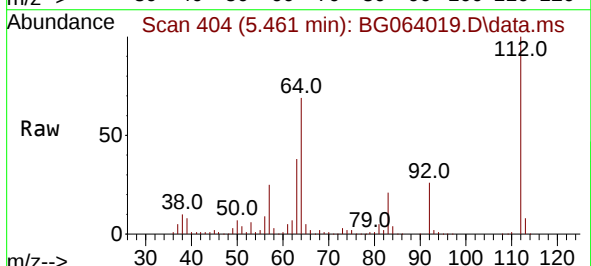
Instrument :
BNA_G
ClientSampleId :
PB166014BL

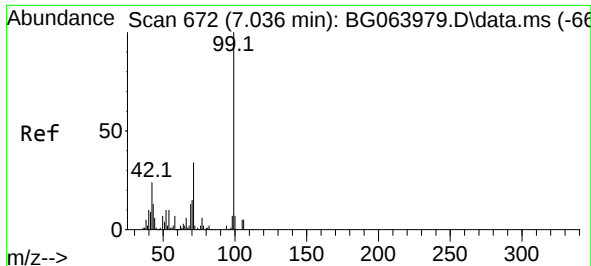
Tgt Ion:152 Resp: 64149
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 60.6 50.4 75.6



#5
2-Fluorophenol
Concen: 139.739 ng
RT: 5.461 min Scan# 404
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:112 Resp: 559099
Ion Ratio Lower Upper
112 100
64 69.2 55.8 83.8
63 38.2 29.3 43.9

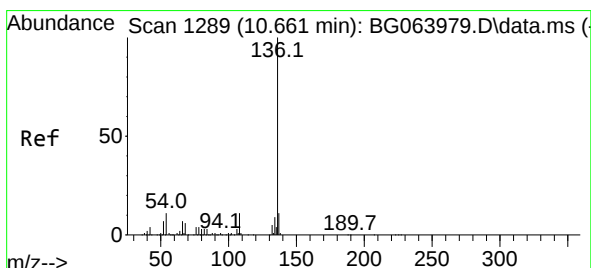
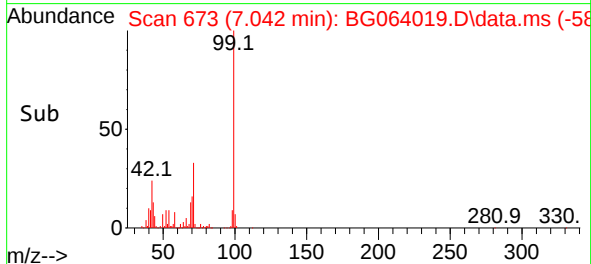
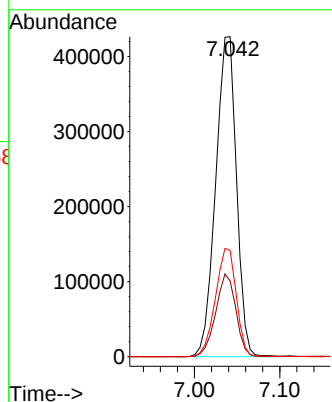
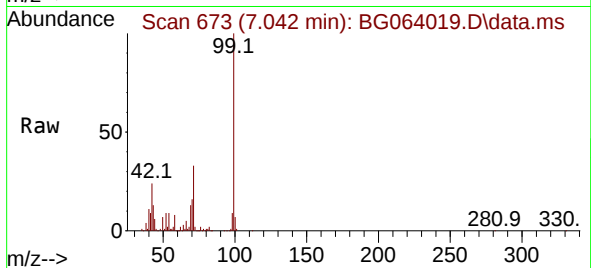




#7
Phenol-d6
Concen: 131.536 ng
RT: 7.042 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

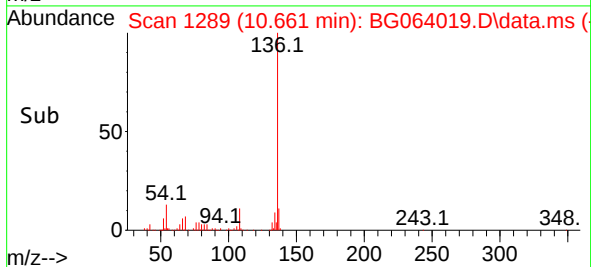
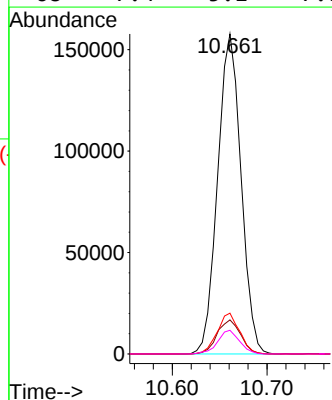
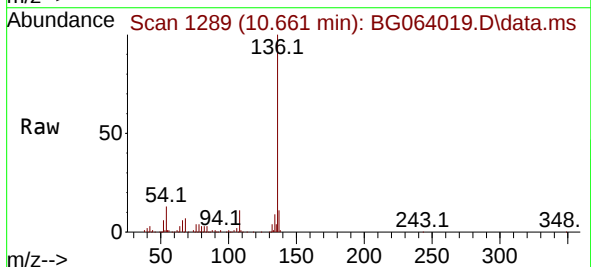
Instrument :
BNA_G
ClientSampleId :
PB166014BL

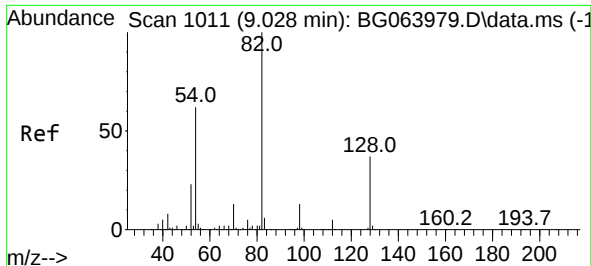
Tgt Ion: 99 Resp: 722224
Ion Ratio Lower Upper
99 100
42 23.6 18.9 28.3
71 33.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.661 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion: 136 Resp: 270844
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 12.7 9.2 13.8
68 7.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 101.813 ng

RT: 9.022 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Instrument :

BNA_G

ClientSampleId :

PB166014BL

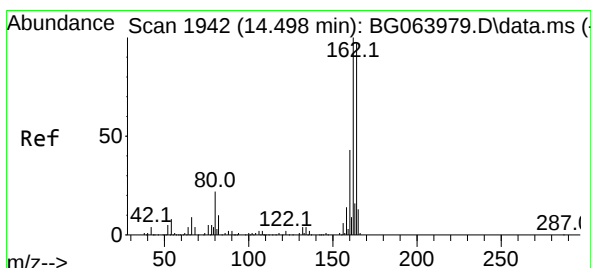
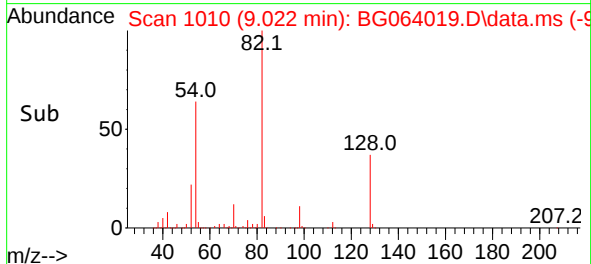
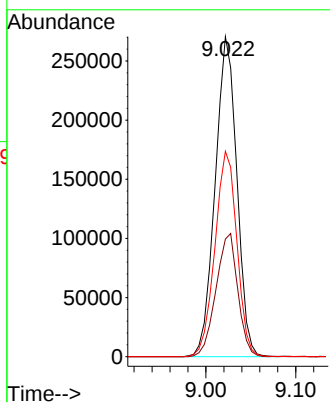
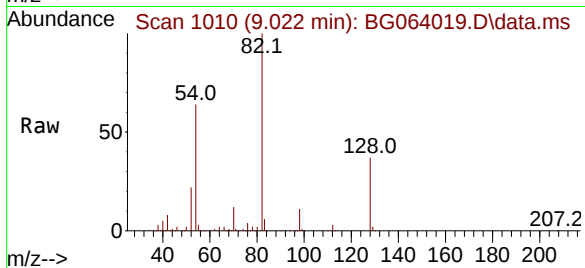
Tgt Ion: 82 Resp: 453726

Ion Ratio Lower Upper

82 100

128 36.7 29.4 44.2

54 64.2 49.9 74.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

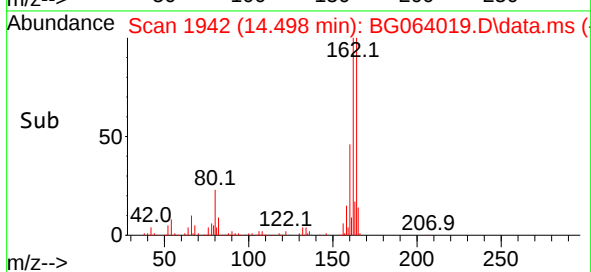
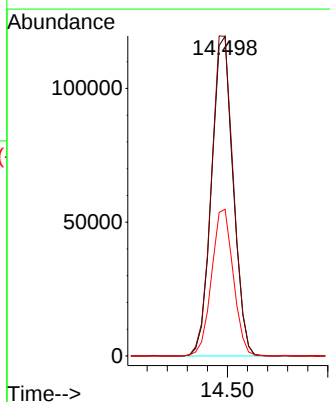
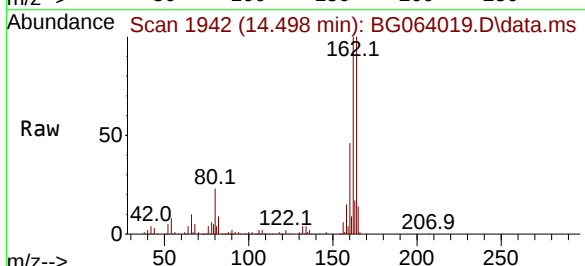
Tgt Ion:164 Resp: 178099

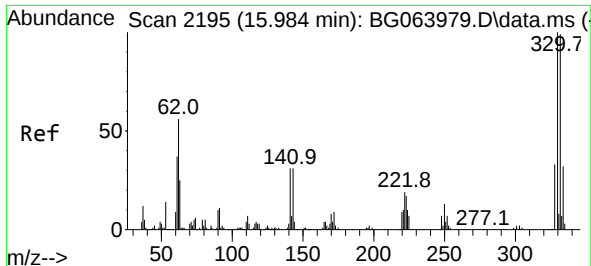
Ion Ratio Lower Upper

164 100

162 100.0 82.3 123.5

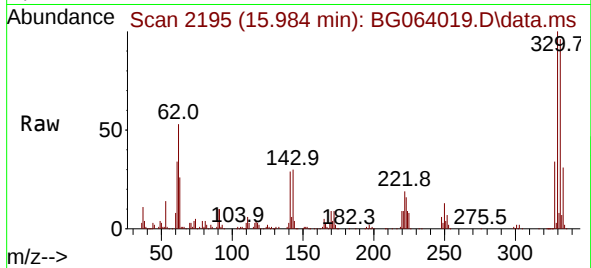
160 45.9 35.4 53.0



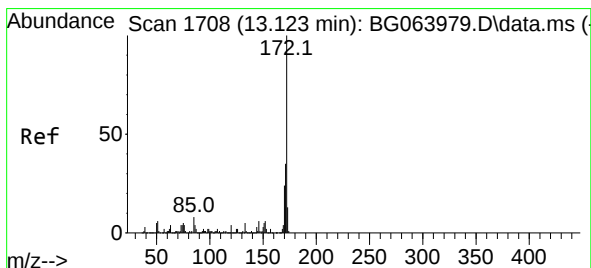
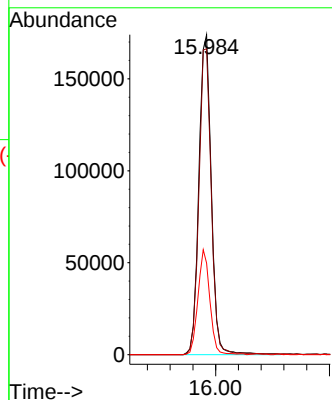
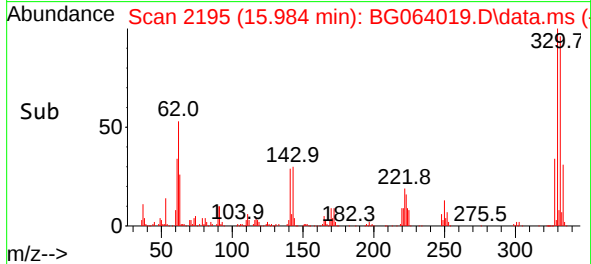


#42
2,4,6-Tribromophenol
Concen: 128.431 ng
RT: 15.984 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

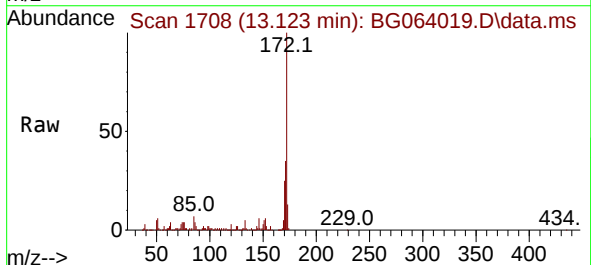
Instrument :
BNA_G
ClientSampleId :
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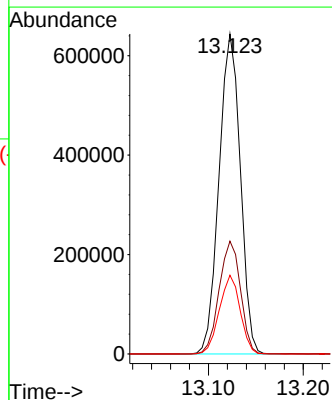
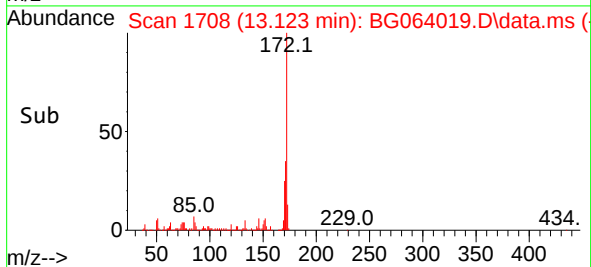
Tgt Ion:330 Resp: 263841
Ion Ratio Lower Upper
330 100
332 95.4 79.0 118.6
141 31.4 27.2 40.8

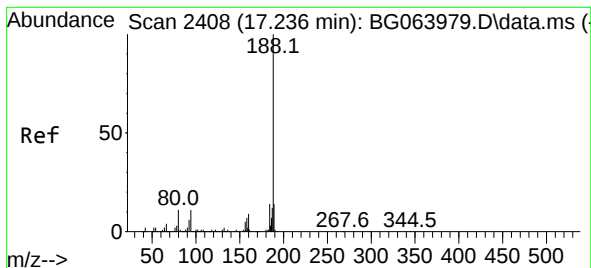


#45
2-Fluorobiphenyl
Concen: 86.576 ng
RT: 13.123 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59



Tgt Ion:172 Resp: 1006372
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.6 19.4 29.2

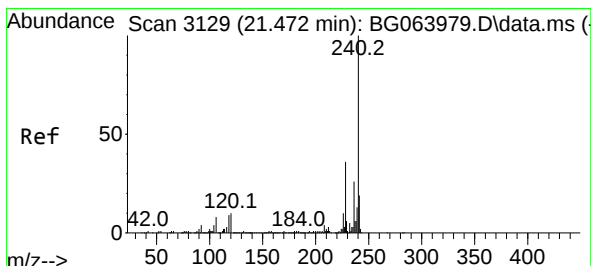
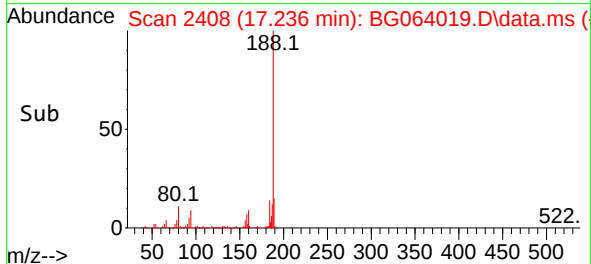
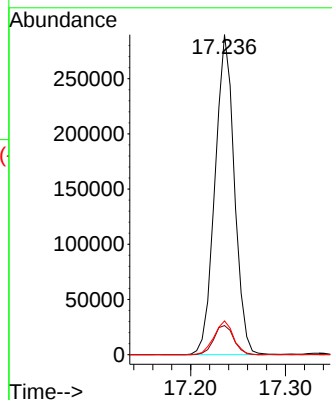
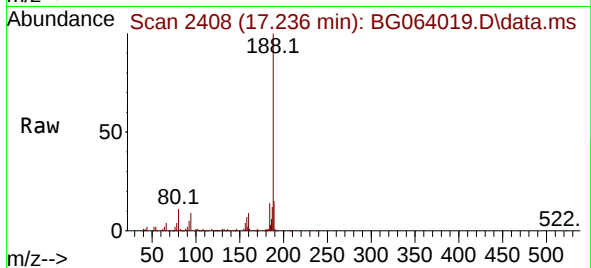




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.236 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

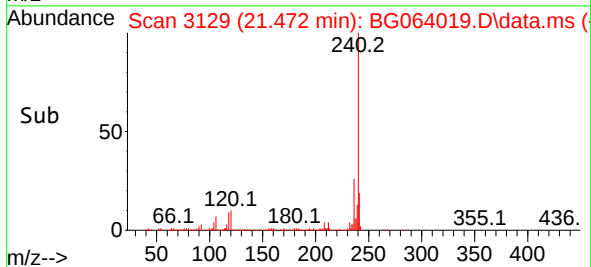
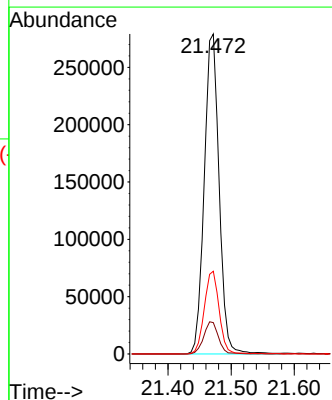
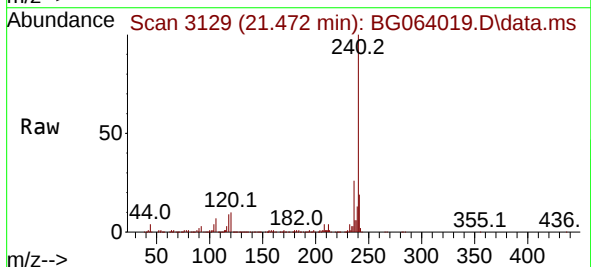
Instrument :
BNA_G
ClientSampleId :
PB166014BL

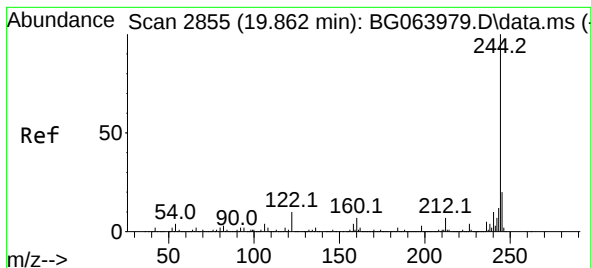
Tgt Ion:188 Resp: 411082
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.472 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BG064019.D
Acq: 6 Feb 2025 15:59

Tgt Ion:240 Resp: 455051
Ion Ratio Lower Upper
240 100
120 9.8 7.9 11.9
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 92.060 ng

RT: 19.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Instrument :

BNA_G

ClientSampleId :

PB166014BL

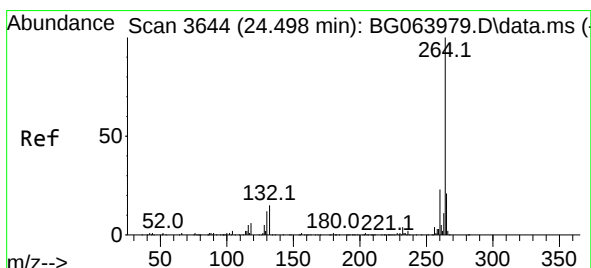
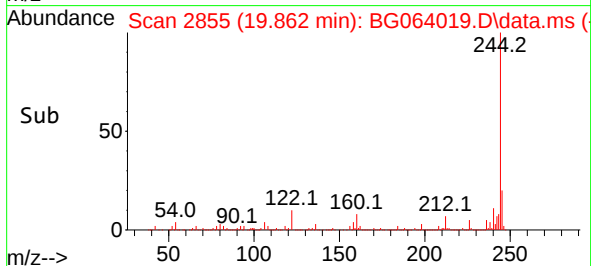
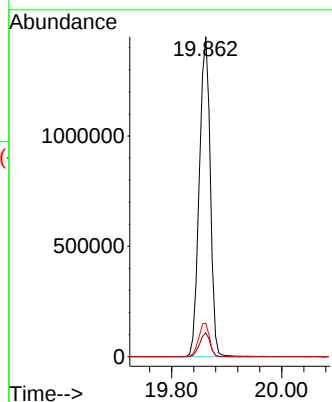
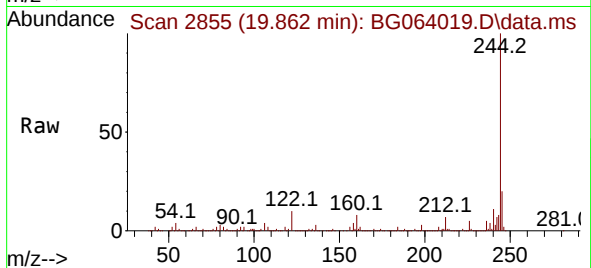
Tgt Ion:244 Resp: 2005888

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.498 min Scan# 3644

Delta R.T. -0.000 min

Lab File: BG064019.D

Acq: 6 Feb 2025 15:59

Tgt Ion:264 Resp: 470441

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.1 16.6 24.8

