

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
 Data File : BG064006.D
 Acq On : 5 Feb 2025 19:44
 Operator : RC/JU
 Sample : PB166339BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166339BL

Quant Time: Feb 06 01:28:37 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	7.873	152	63484	20.000	ng	0.00
21) Naphthalene-d8	10.658	136	259668	20.000	ng	0.00
39) Acenaphthene-d10	14.495	164	167864	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	391472	20.000	ng	0.00
76) Chrysene-d12	21.469	240	435756	20.000	ng	0.00
86) Perylene-d12	24.495	264	459826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	552311	139.489	ng	0.00
7) Phenol-d6	7.039	99	708253	130.343	ng	0.00
23) Nitrobenzene-d5	9.025	82	437210	102.329	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	242088	125.433	ng	0.00
45) 2-Fluorobiphenyl	13.126	172	982060	89.635	ng	0.00
79) Terphenyl-d14	19.859	244	1933457	92.665	ng	0.00

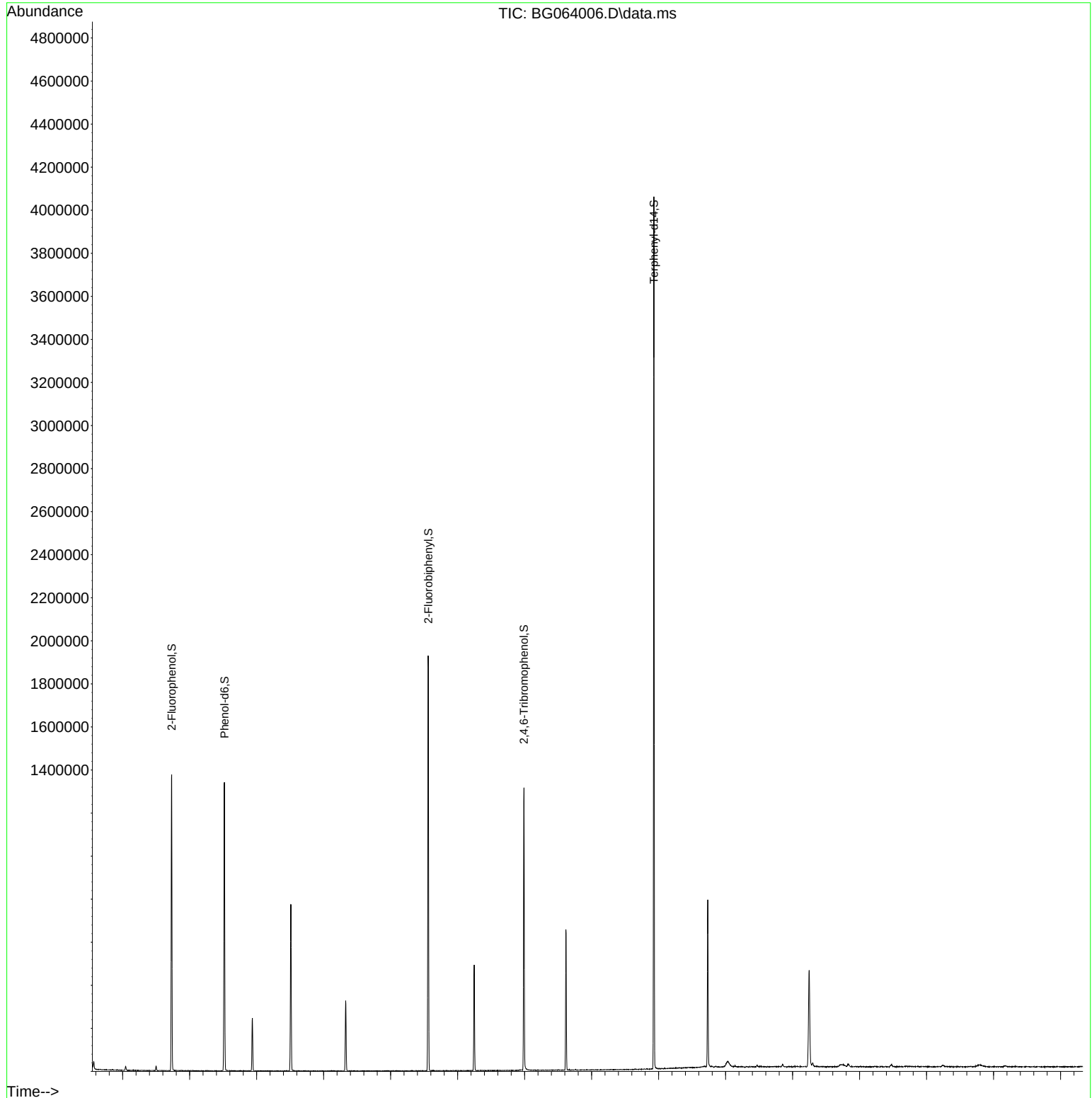
Target Compounds Qvalue

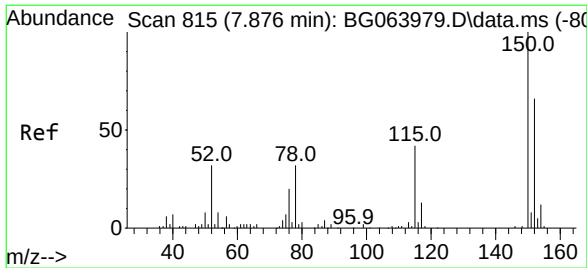
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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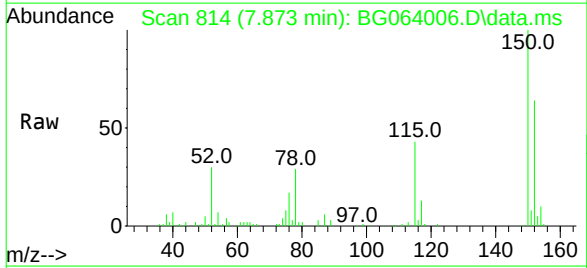
Quant Time: Feb 06 01:28:37 2025
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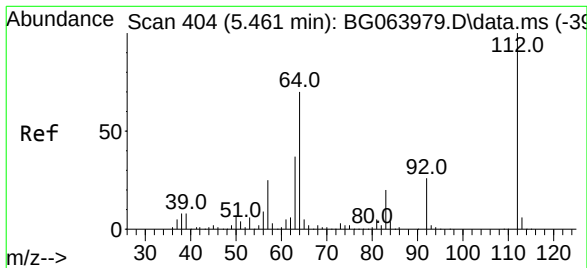
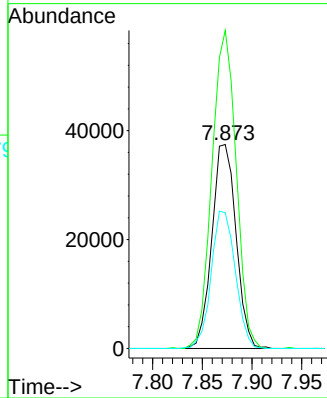
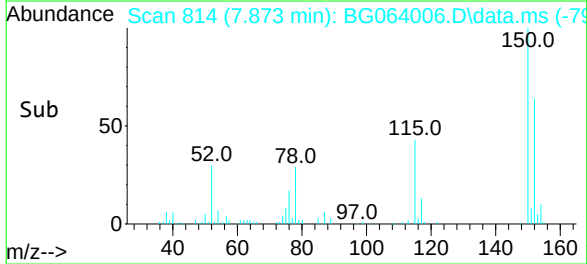


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.873 min Scan# 815
Delta R.T. -0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44

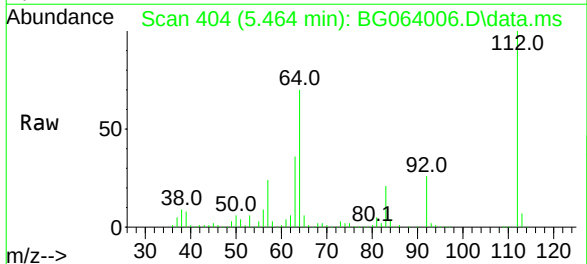
Instrument :
BNA_G
ClientSampleId :
PB166339BL



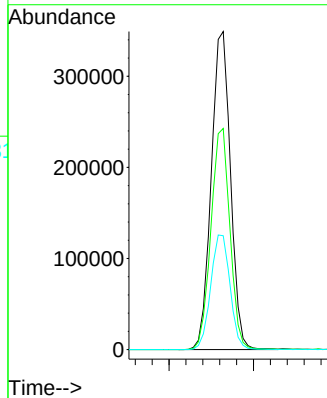
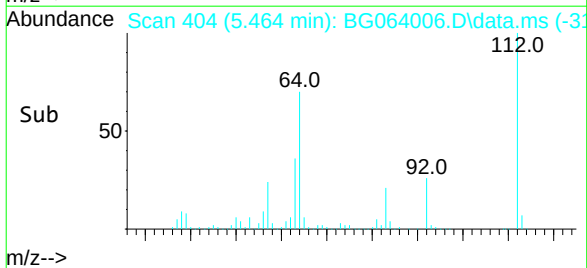
Tgt Ion:152 Resp: 63484
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.6
115 66.6 50.4 75.6

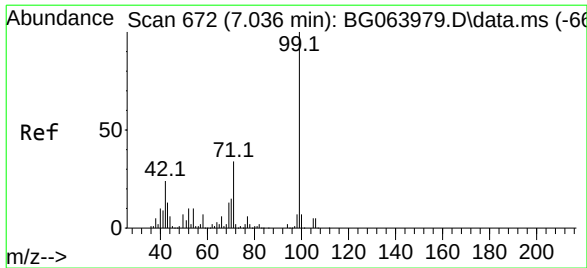


#5
2-Fluorophenol
Concen: 139.489 ng
RT: 5.464 min Scan# 404
Delta R.T. 0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44



Tgt Ion:112 Resp: 552311
Ion Ratio Lower Upper
112 100
64 69.5 55.8 83.8
63 35.8 29.3 43.9

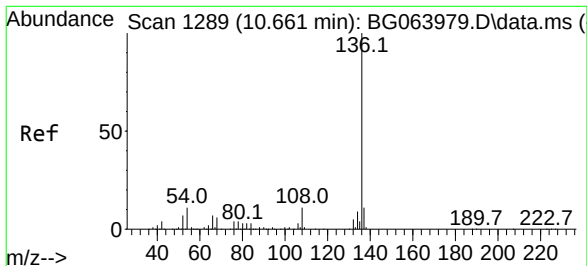
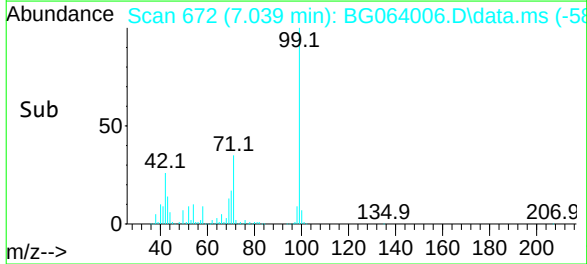
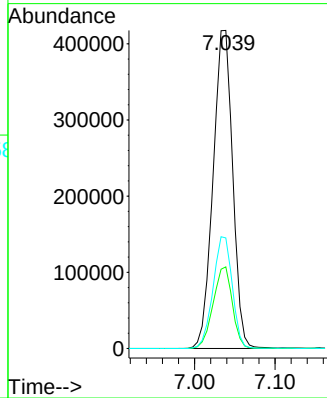
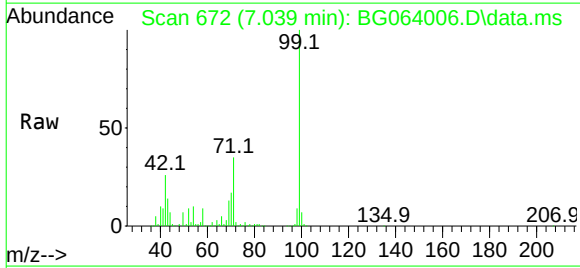




#7
Phenol-d6
Concen: 130.343 ng
RT: 7.039 min Scan# 67
Delta R.T. 0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44

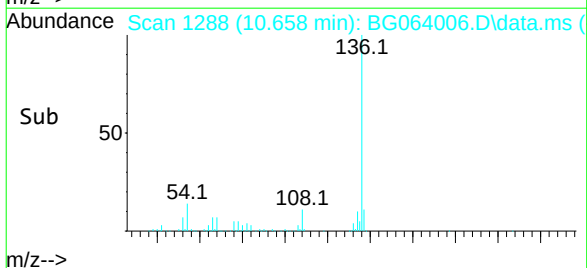
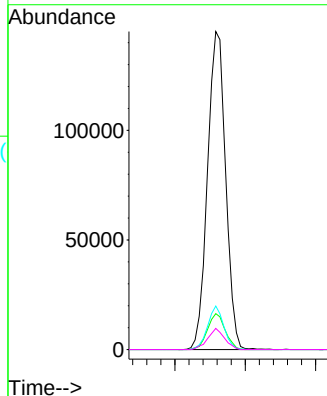
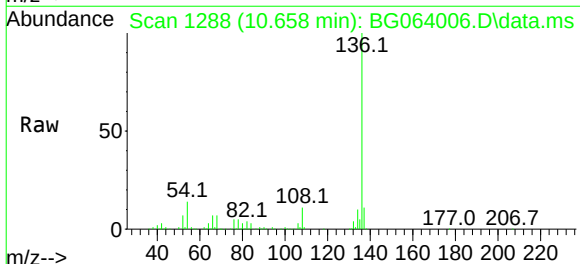
Instrument :
BNA_G
ClientSampleId :
PB166339BL

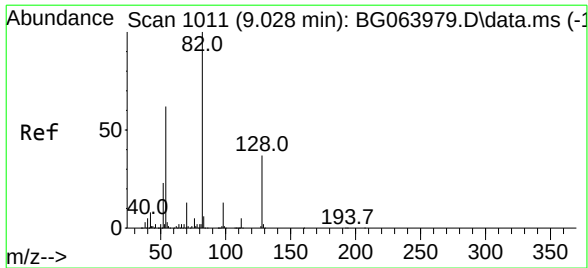
Tgt Ion: 99 Resp: 708253
Ion Ratio Lower Upper
99 100
42 25.7 18.9 28.3
71 34.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.658 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44

Tgt Ion: 136 Resp: 259668
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 13.7 9.2 13.8
68 6.7 5.1 7.7

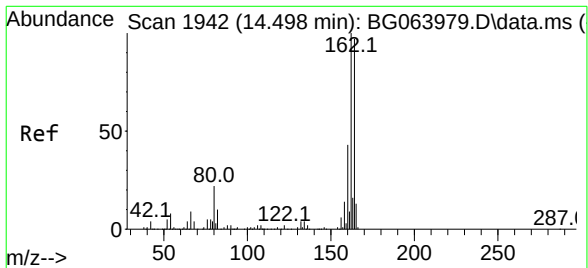
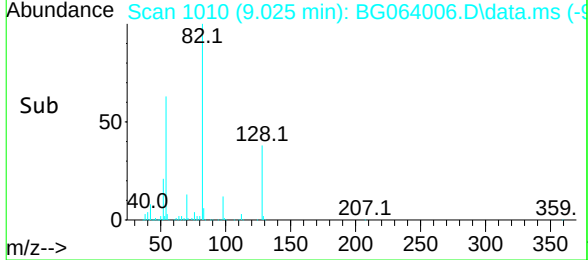
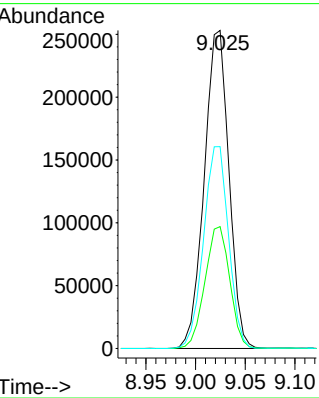
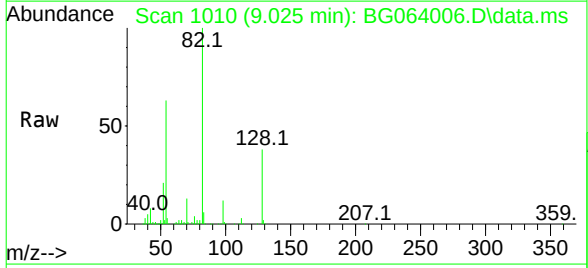




#23
 Nitrobenzene-d5
 Concen: 102.329 ng
 RT: 9.025 min Scan# 1010
 Delta R.T. -0.003 min
 Lab File: BG064006.D
 Acq: 5 Feb 2025 19:44

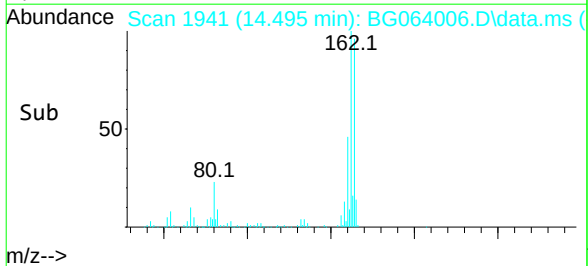
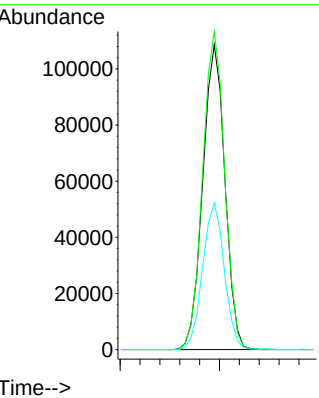
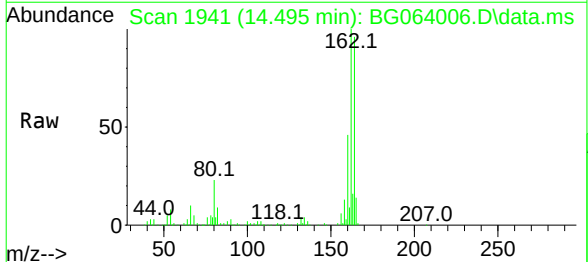
Instrument :
 BNA_G
 ClientSampleId :
 PB166339BL

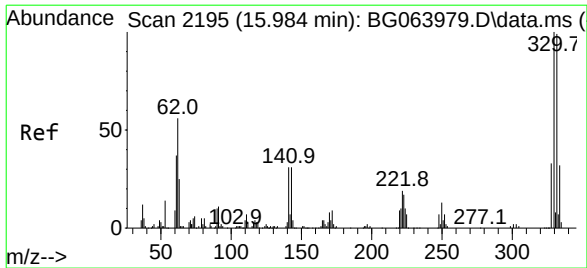
Tgt Ion:	82	Resp:	437210
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	63.5	49.9	74.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.495 min Scan# 1941
 Delta R.T. -0.003 min
 Lab File: BG064006.D
 Acq: 5 Feb 2025 19:44

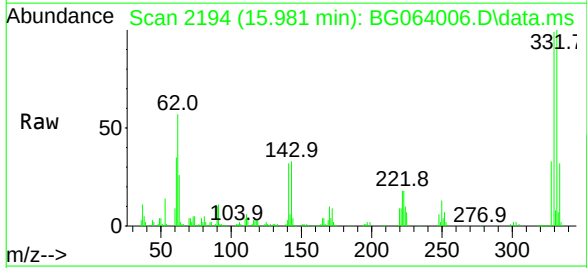
Tgt Ion:	164	Resp:	167864
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.3	123.5
160	48.0	35.4	53.0



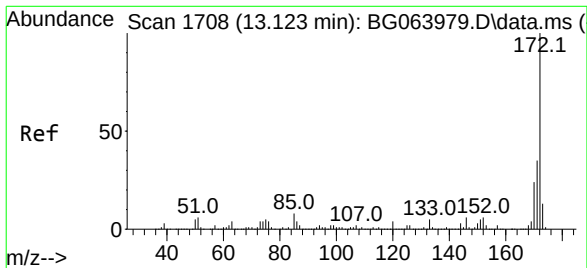
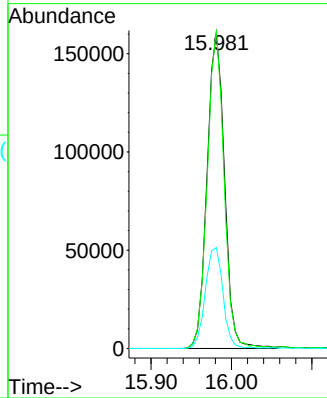
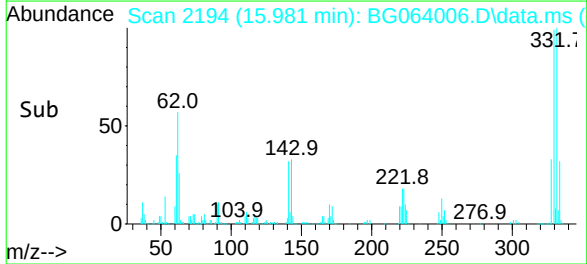


#42
2,4,6-Tribromophenol
Concen: 125.433 ng
RT: 15.981 min Scan# 2195
Delta R.T. -0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44

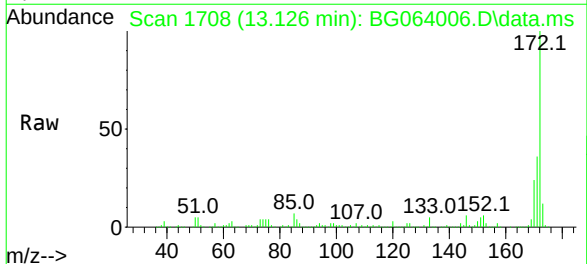
Instrument :
BNA_G
ClientSampleId :
PB166339BL



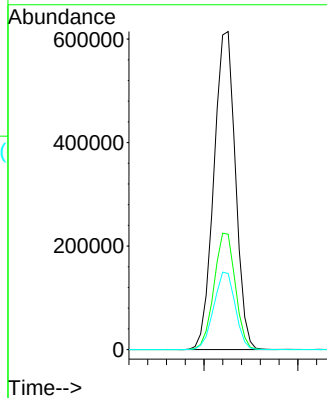
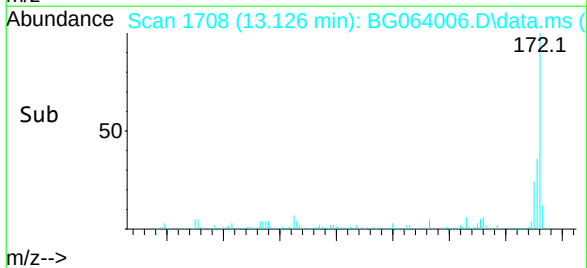
Tgt Ion:330 Resp: 242088
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.6
141 32.7 27.2 40.8

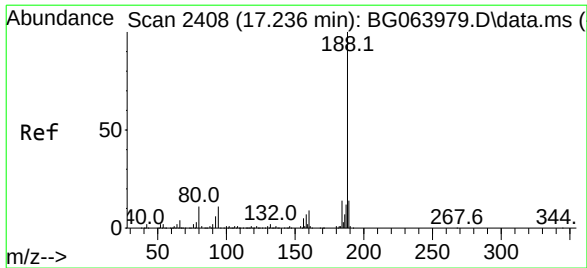


#45
2-Fluorobiphenyl
Concen: 89.635 ng
RT: 13.126 min Scan# 1708
Delta R.T. 0.003 min
Lab File: BG064006.D
Acq: 5 Feb 2025 19:44



Tgt Ion:172 Resp: 982060
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.6
170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.233 min Scan# 2407

Delta R.T. -0.003 min

Lab File: BG064006.D

Acq: 5 Feb 2025 19:44

Instrument :

BNA_G

ClientSampleId :

PB166339BL

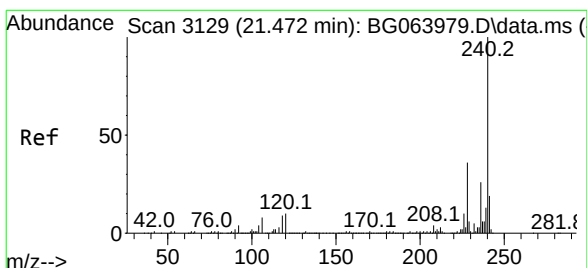
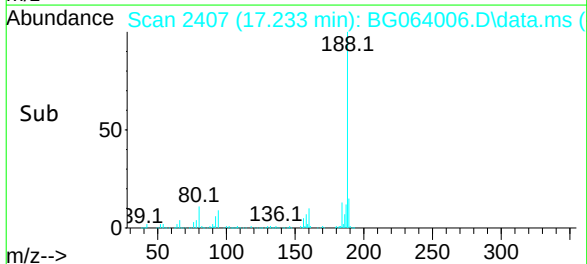
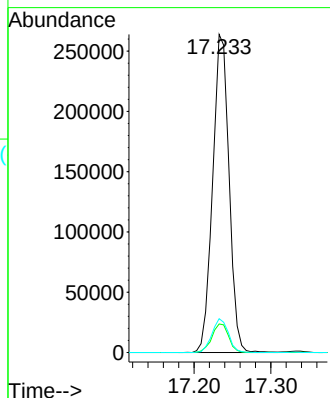
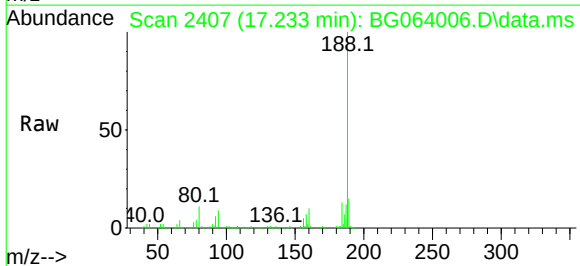
Tgt Ion:188 Resp: 391472

Ion Ratio Lower Upper

188 100

94 9.0 8.6 13.0

80 10.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.469 min Scan# 3128

Delta R.T. -0.003 min

Lab File: BG064006.D

Acq: 5 Feb 2025 19:44

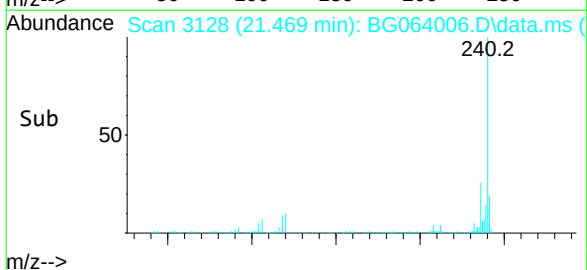
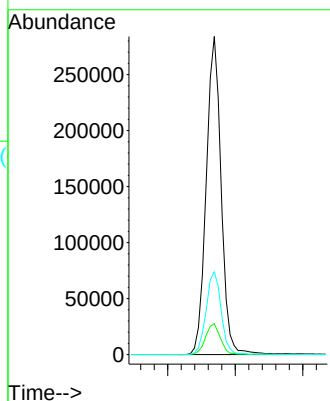
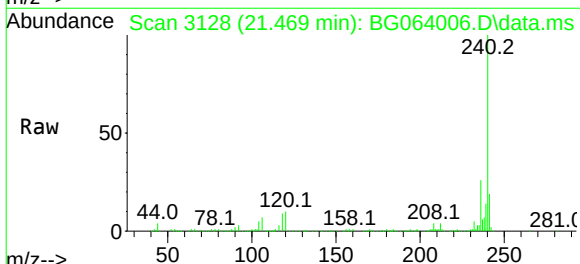
Tgt Ion:240 Resp: 435756

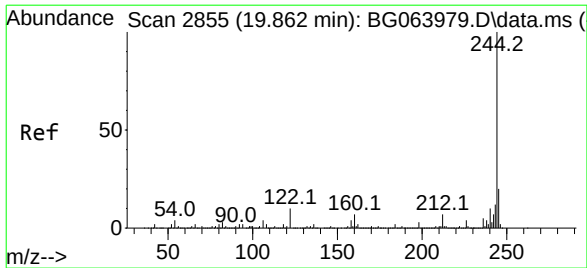
Ion Ratio Lower Upper

240 100

120 9.7 7.9 11.9

236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 92.665 ng

RT: 19.859 min Scan# 28

Delta R.T. -0.003 min

Lab File: BG064006.D

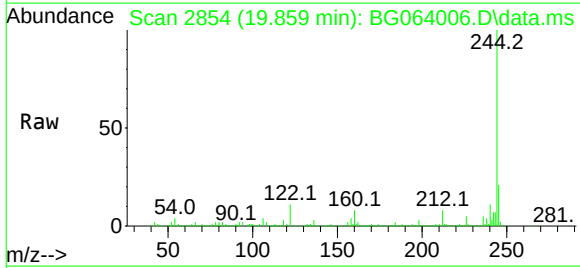
Acq: 5 Feb 2025 19:44

Instrument :

BNA_G

ClientSampleId :

PB166339BL



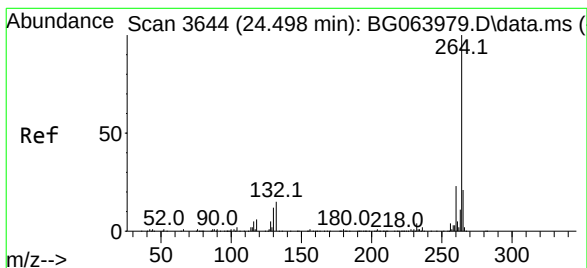
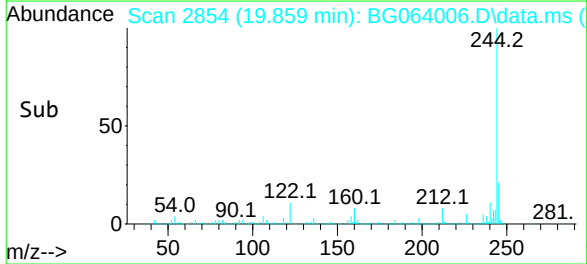
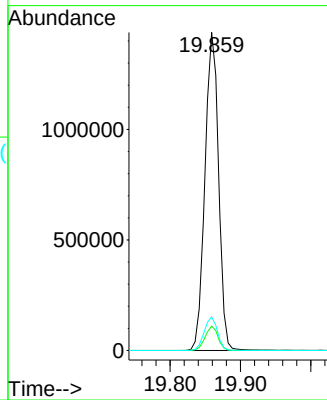
Tgt Ion:244 Resp: 1933457

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 10.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.495 min Scan# 3643

Delta R.T. -0.003 min

Lab File: BG064006.D

Acq: 5 Feb 2025 19:44

Tgt Ion:264 Resp: 459826

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 16.6 24.8

