

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
 Data File : BG064020.D
 Acq On : 6 Feb 2025 16:36
 Operator : RC/JU
 Sample : PB166258BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166258BL

Quant Time: Feb 06 17:15:55 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	7.877	152	64541	20.000	ng	0.00
21) Naphthalene-d8	10.662	136	269439	20.000	ng	0.00
39) Acenaphthene-d10	14.493	164	180328	20.000	ng	0.00
64) Phenanthrene-d10	17.237	188	417859	20.000	ng	0.00
76) Chrysene-d12	21.467	240	450330	20.000	ng	0.00
86) Perylene-d12	24.493	264	466509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.462	112	551858	137.092	ng	0.00
7) Phenol-d6	7.037	99	713953	129.240	ng	0.00
23) Nitrobenzene-d5	9.023	82	448517	101.169	ng	0.00
42) 2,4,6-Tribromophenol	15.979	330	263873	127.047	ng	0.00
45) 2-Fluorobiphenyl	13.124	172	1015065	86.244	ng	0.00
79) Terphenyl-d14	19.863	244	2005012	92.985	ng	0.00

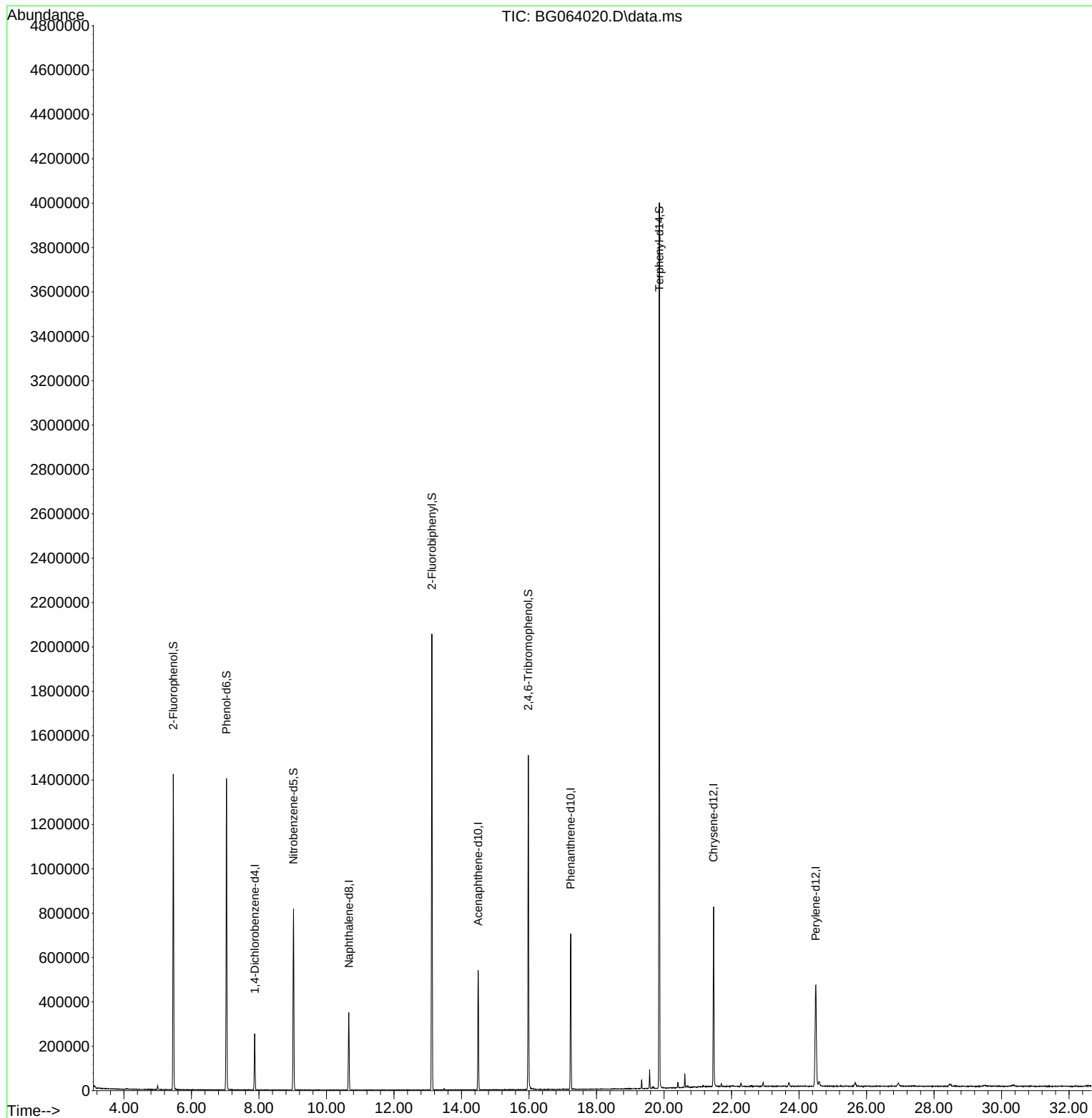
Target Compounds	Qvalue

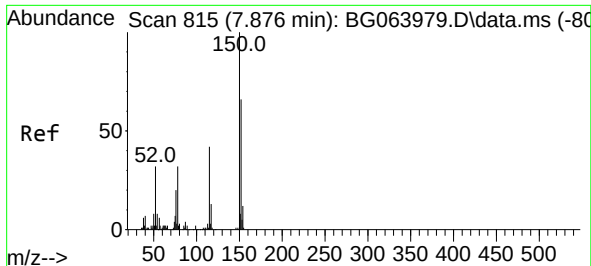
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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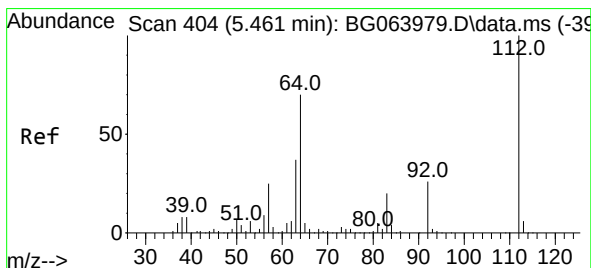
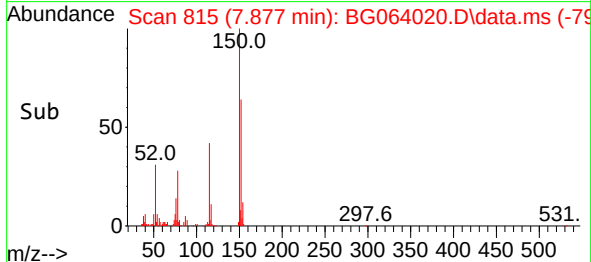
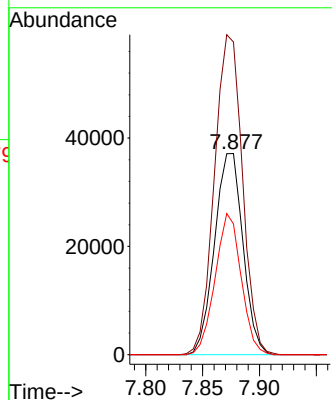
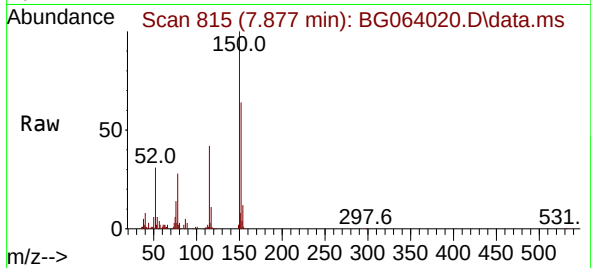




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.877 min Scan# 815
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

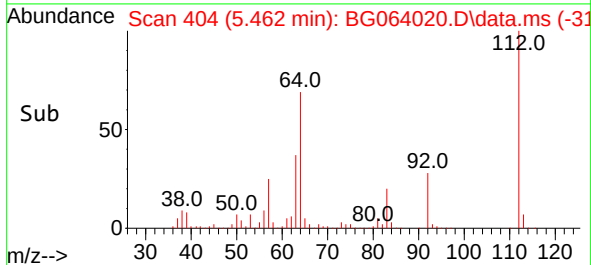
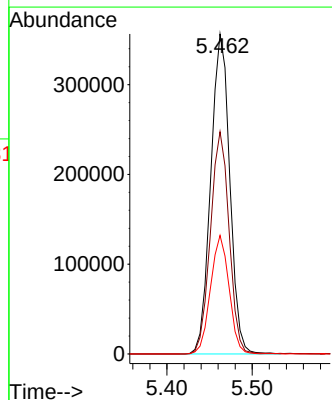
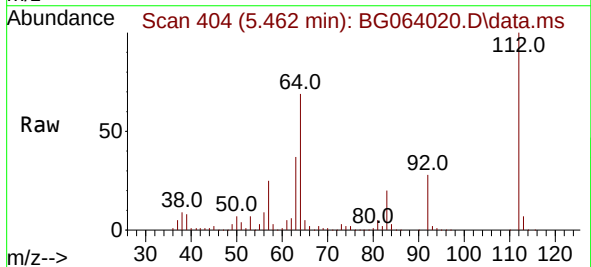
Instrument :
BNA_G
ClientSampleId :
PB166258BL

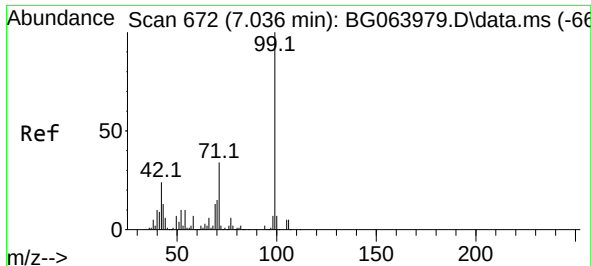
Tgt Ion:152 Resp: 64541
Ion Ratio Lower Upper
152 100
150 155.4 121.0 181.6
115 65.0 50.4 75.6



#5
2-Fluorophenol
Concen: 137.092 ng
RT: 5.462 min Scan# 404
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:112 Resp: 551858
Ion Ratio Lower Upper
112 100
64 69.4 55.8 83.8
63 37.0 29.3 43.9

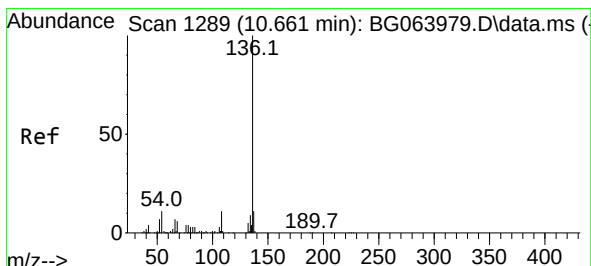
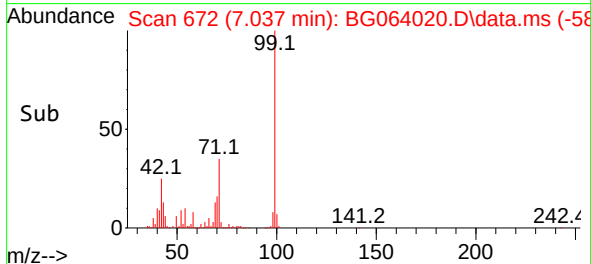
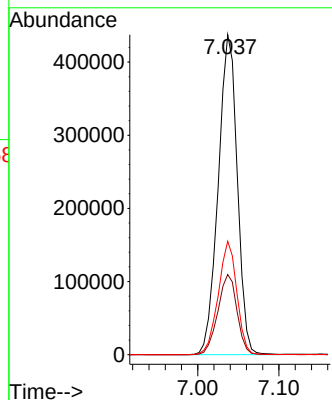
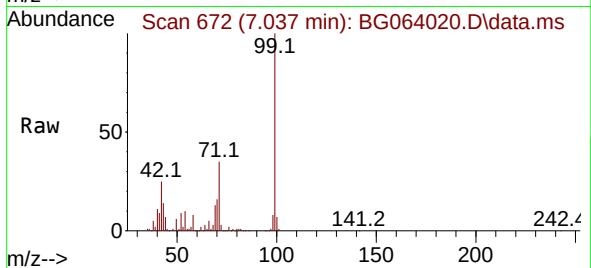




#7
Phenol-d6
Concen: 129.240 ng
RT: 7.037 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

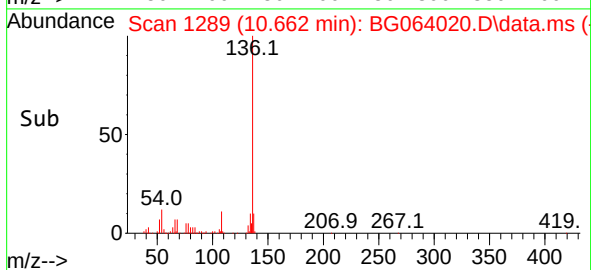
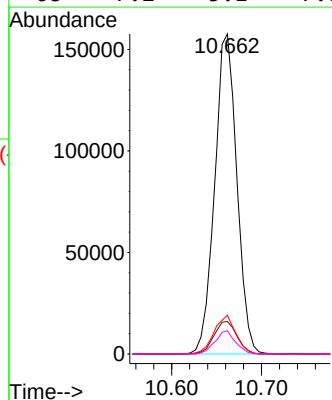
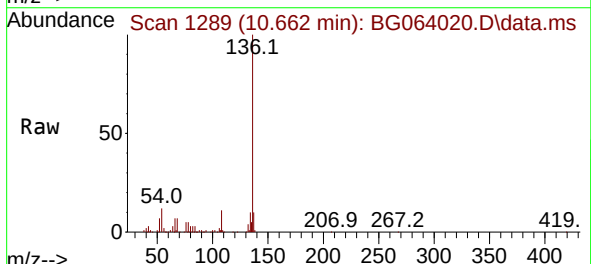
Instrument :
BNA_G
ClientSampleId :
PB166258BL

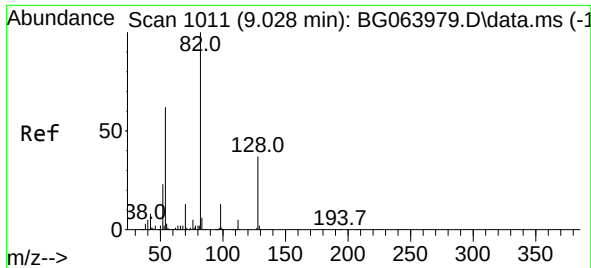
Tgt Ion: 99 Resp: 713953
Ion Ratio Lower Upper
99 100
42 25.1 18.9 28.3
71 35.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.662 min Scan# 1289
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:136 Resp: 269439
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 12.1 9.2 13.8
68 7.2 5.1 7.7

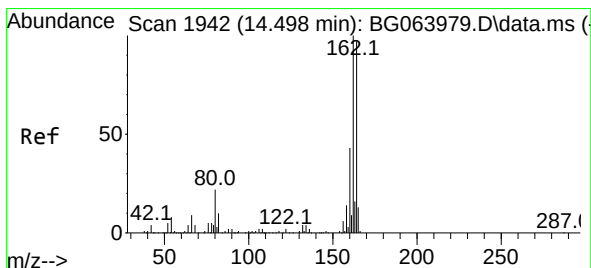
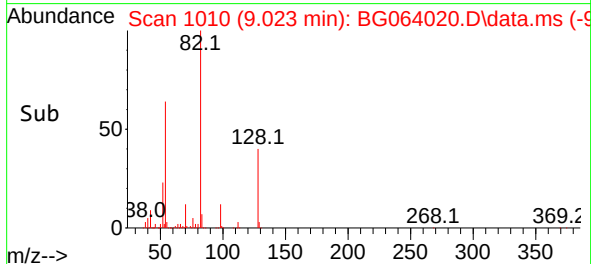
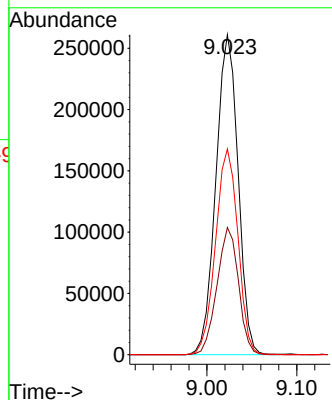
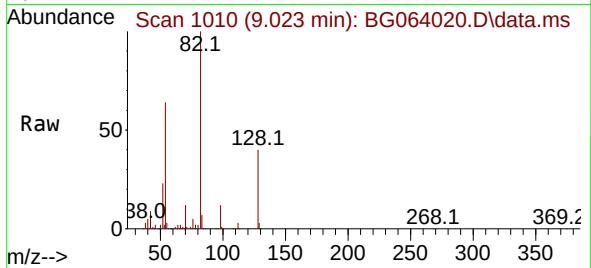




#23
Nitrobenzene-d5
Concen: 101.169 ng
RT: 9.023 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

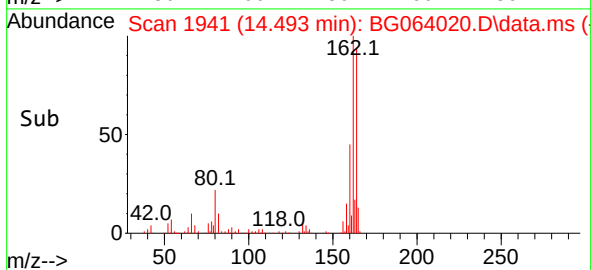
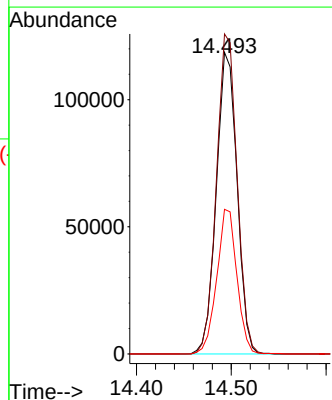
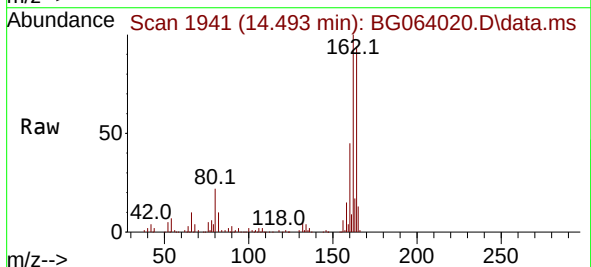
Instrument :
BNA_G
ClientSampleId :
PB166258BL

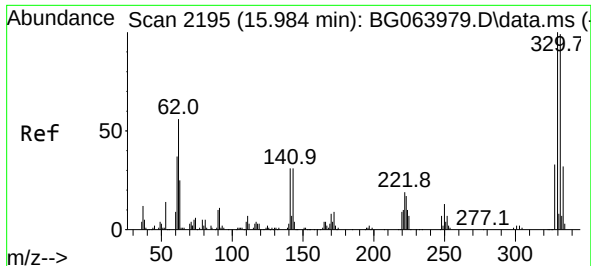
Tgt Ion: 82 Resp: 448517
Ion Ratio Lower Upper
82 100
128 39.8 29.4 44.2
54 64.3 49.9 74.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

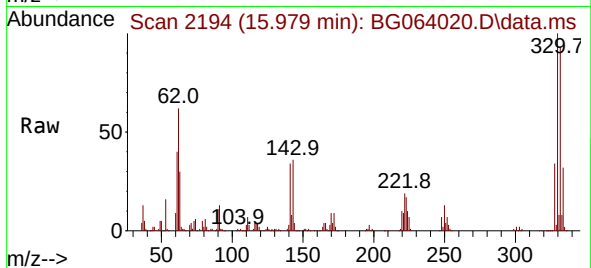
Tgt Ion:164 Resp: 180328
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 48.0 35.4 53.0



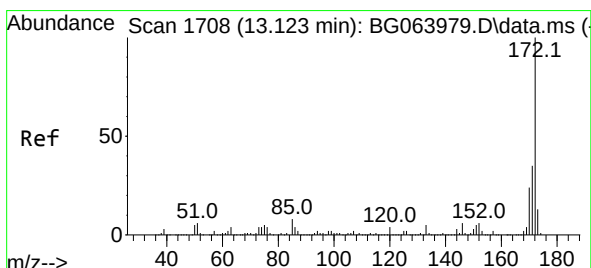
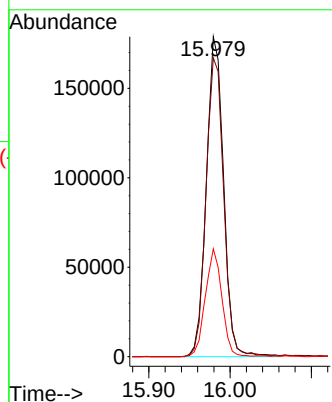
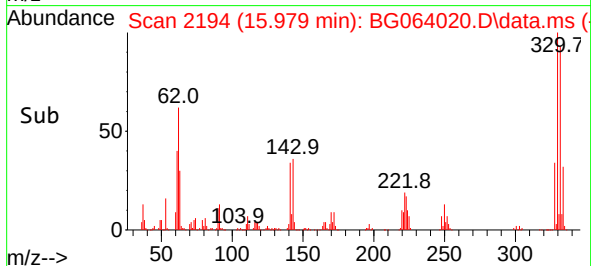


#42
2,4,6-Tribromophenol
Concen: 127.047 ng
RT: 15.979 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

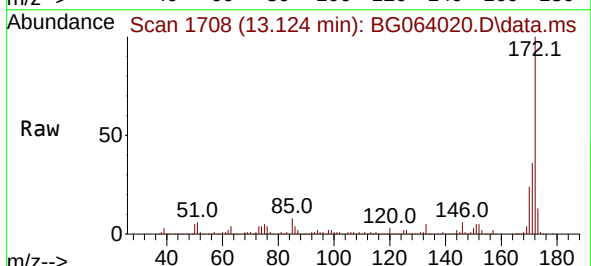
Instrument :
BNA_G
ClientSampleId :
PB166258BL



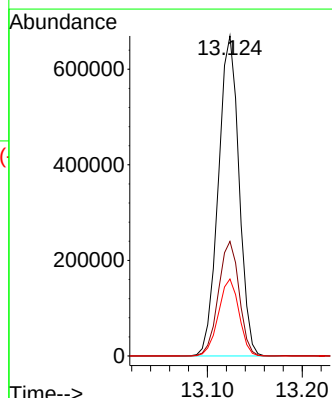
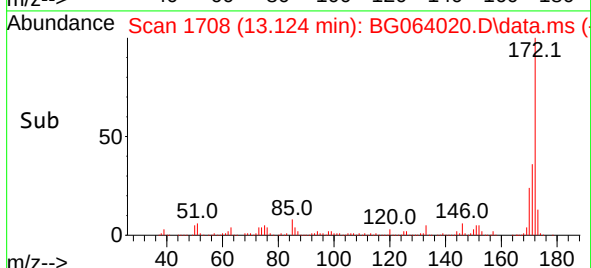
Tgt Ion:330 Resp: 263873
Ion Ratio Lower Upper
330 100
332 95.3 79.0 118.6
141 32.3 27.2 40.8

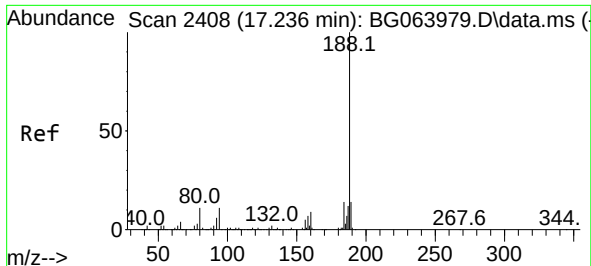


#45
2-Fluorobiphenyl
Concen: 86.244 ng
RT: 13.124 min Scan# 1708
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36



Tgt Ion:172 Resp: 1015065
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.6
170 24.0 19.4 29.2

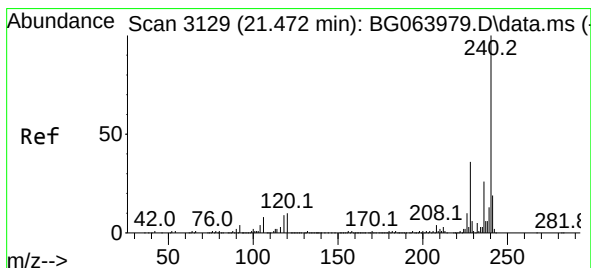
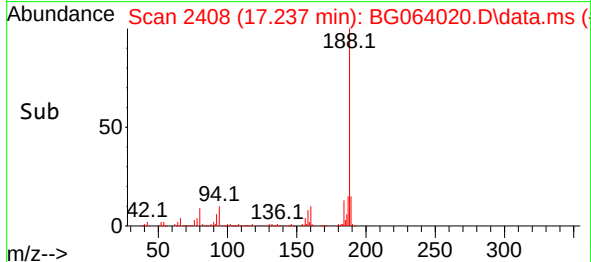
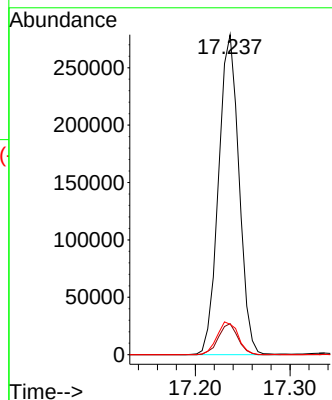
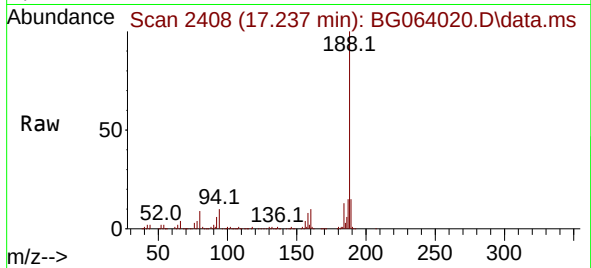




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.237 min Scan# 2408
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

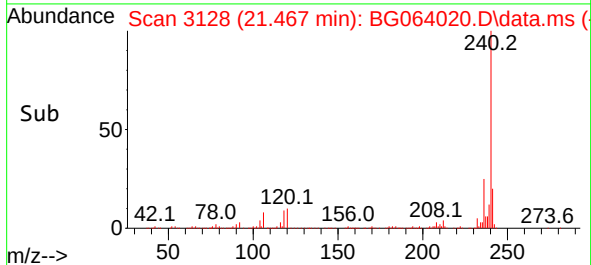
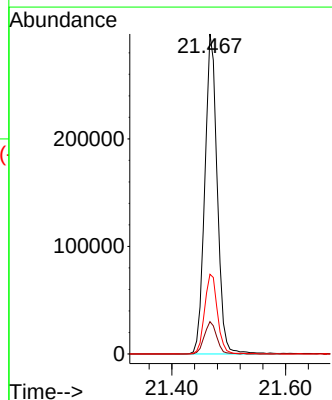
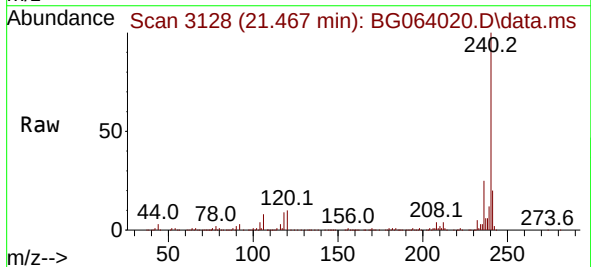
Instrument :
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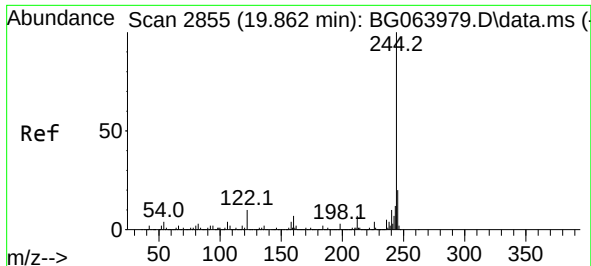
Tgt Ion:188 Resp: 417859
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 9.5 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.467 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:240 Resp: 450330
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 24.9 21.0 31.6

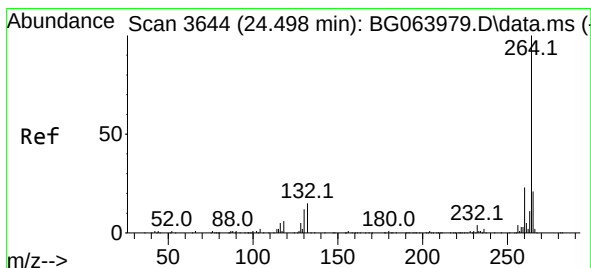
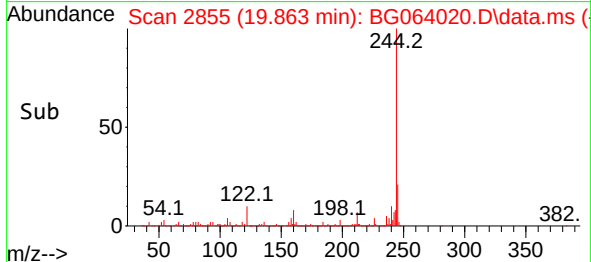
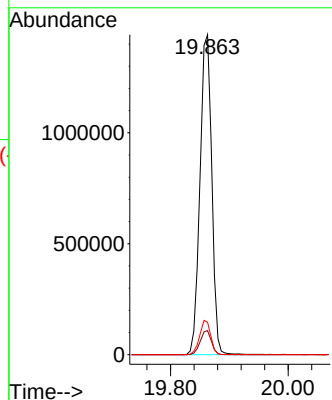
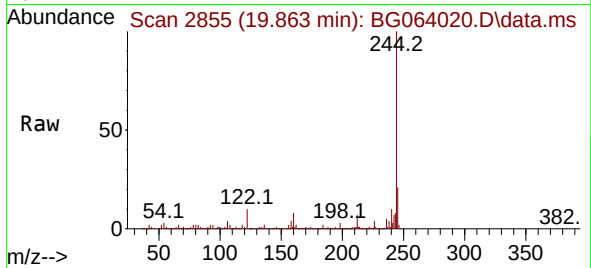




#79
Terphenyl-d14
Concen: 92.985 ng
RT: 19.863 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Instrument :
BNA_G
ClientSampleId :
PB166258BL

Tgt Ion:244 Resp: 2005012
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 10.1 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.493 min Scan# 3643
Delta R.T. -0.005 min
Lab File: BG064020.D
Acq: 6 Feb 2025 16:36

Tgt Ion:264 Resp: 466509
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.2 16.6 24.8

