

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064143.D
 Acq On : 1 Apr 2025 20:26
 Operator : RC/JU
 Sample : Q1664-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-007-01

Quant Time: Apr 02 01:36:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

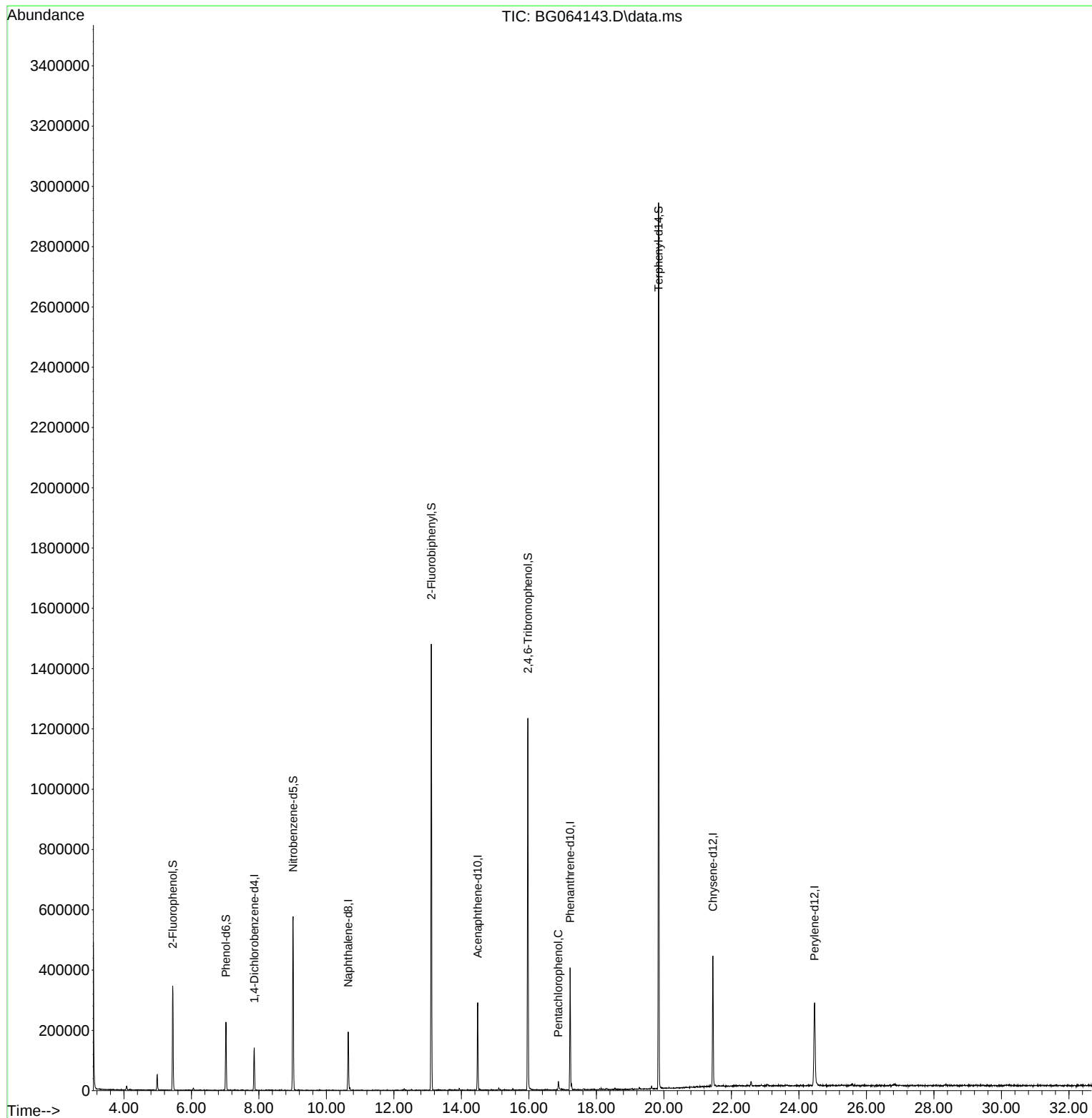
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	34800	20.000	ng	# 0.00
21) Naphthalene-d8	10.646	136	145195	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	100676	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	224548	20.000	ng	0.00
76) Chrysene-d12	21.451	240	255840	20.000	ng	0.00
86) Perylene-d12	24.460	264	278315	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	137225	61.572	ng	0.00
7) Phenol-d6	7.021	99	106057	34.980	ng	0.00
23) Nitrobenzene-d5	9.013	82	307770	117.139	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	208074	185.932	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	692265	104.372	ng	0.00
79) Terphenyl-d14	19.842	244	1313084	103.778	ng	0.00
Target Compounds						
70) Pentachlorophenol	16.874	266	6122	3.830	ng	# 79

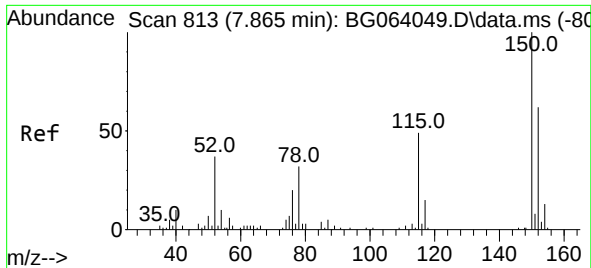
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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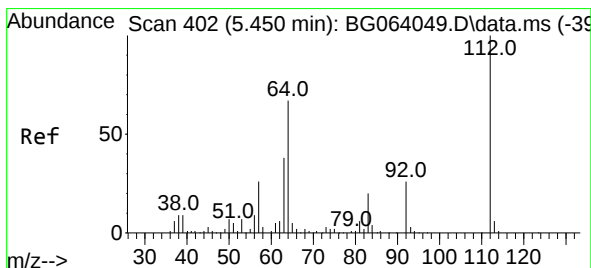
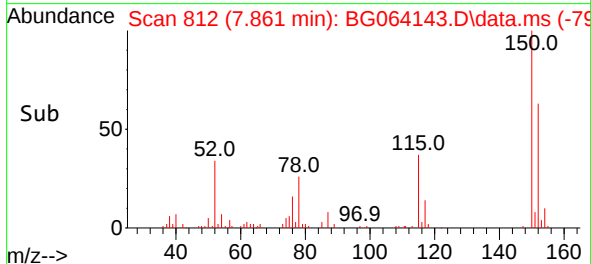
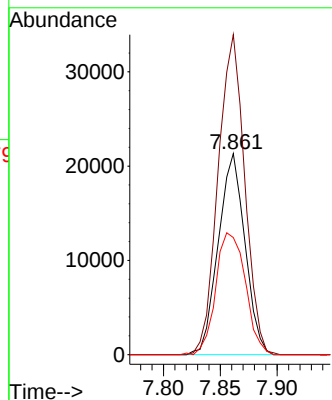
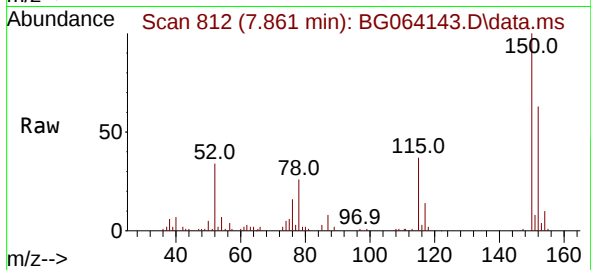




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

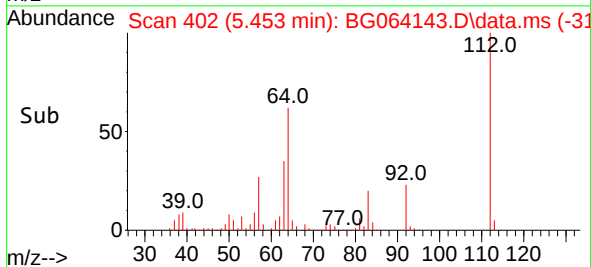
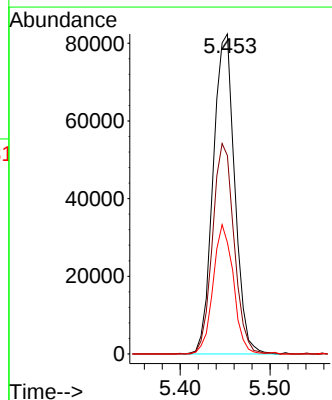
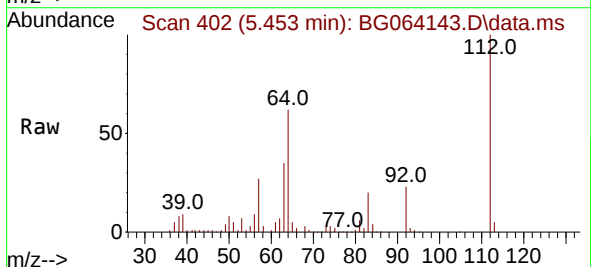
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

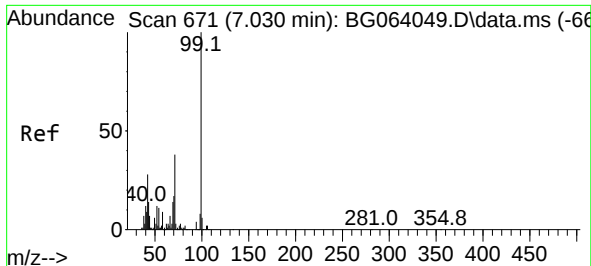
Tgt Ion:152 Resp: 34800
Ion Ratio Lower Upper
152 100
150 159.1 129.2 193.8
115 58.2 63.0 94.6#



#5
2-Fluorophenol
Concen: 61.572 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:112 Resp: 137225
Ion Ratio Lower Upper
112 100
64 62.0 53.7 80.5
63 34.8 30.2 45.4

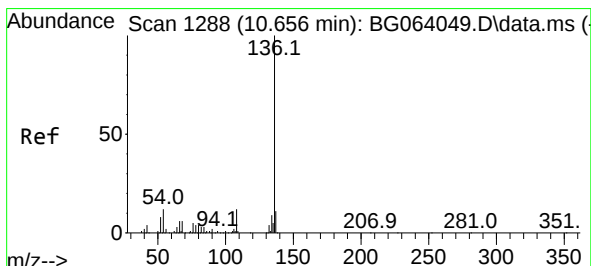
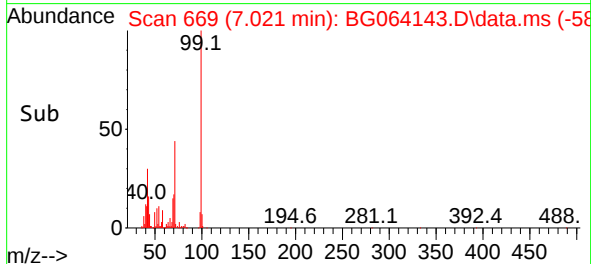
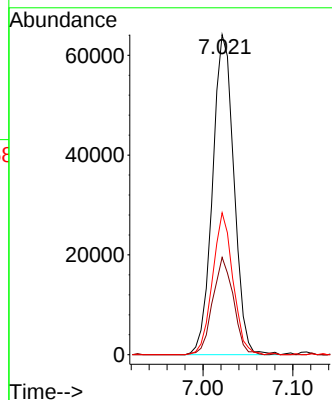
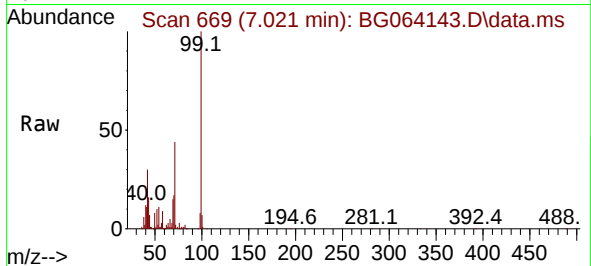




#7
Phenol-d6
Concen: 34.980 ng
RT: 7.021 min Scan# 671
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

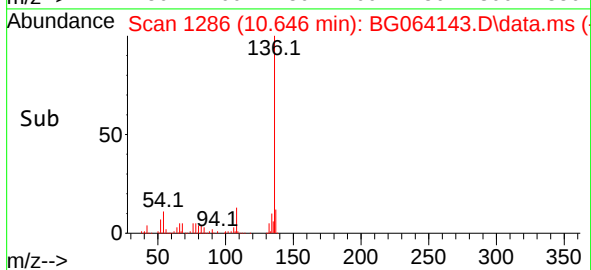
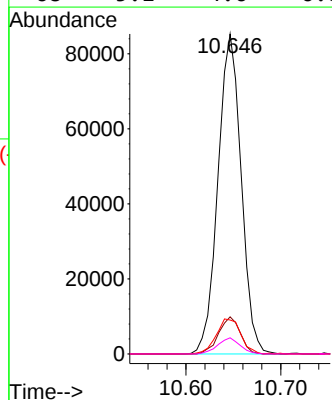
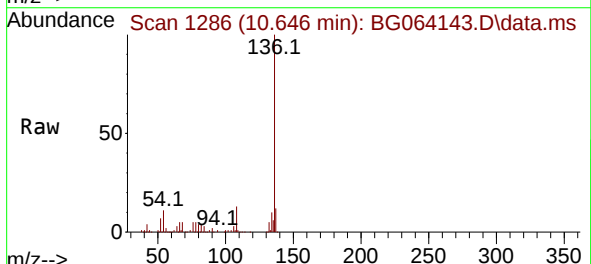
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

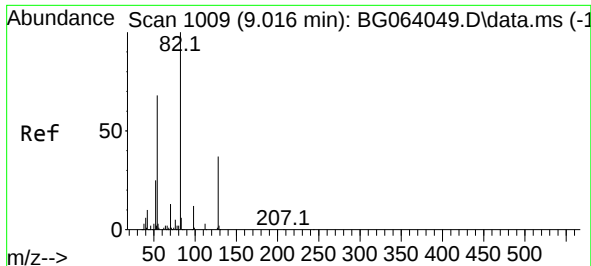
Tgt Ion: 99 Resp: 106057
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 44.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:136 Resp: 145195
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 10.6 9.9 14.9
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 117.139 ng

RT: 9.013 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01

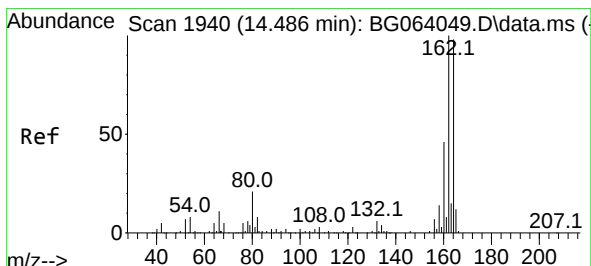
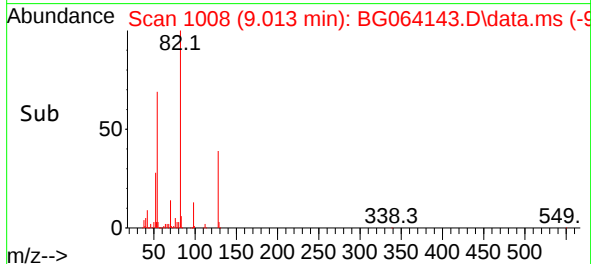
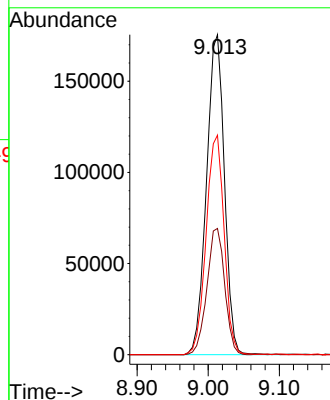
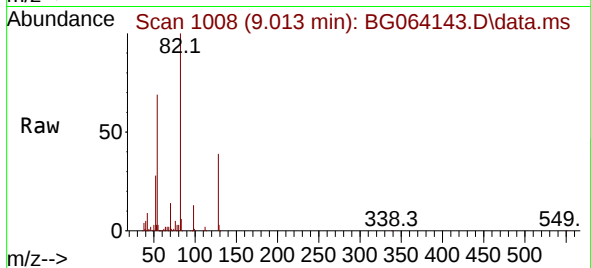
Tgt Ion: 82 Resp: 307770

Ion Ratio Lower Upper

82 100

128 39.5 30.0 45.0

54 68.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

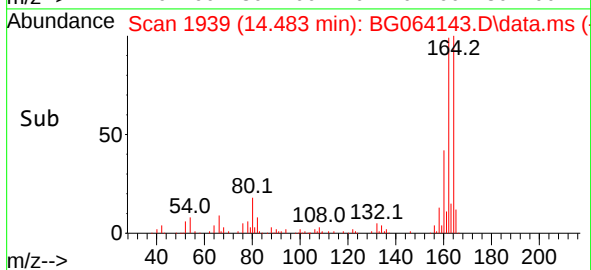
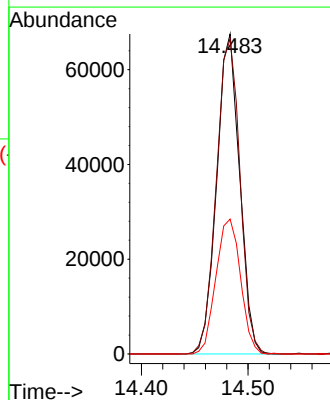
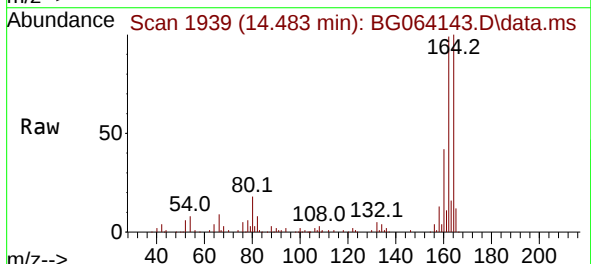
Tgt Ion:164 Resp: 100676

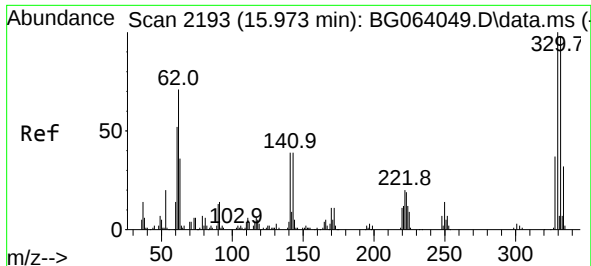
Ion Ratio Lower Upper

164 100

162 98.5 81.4 122.0

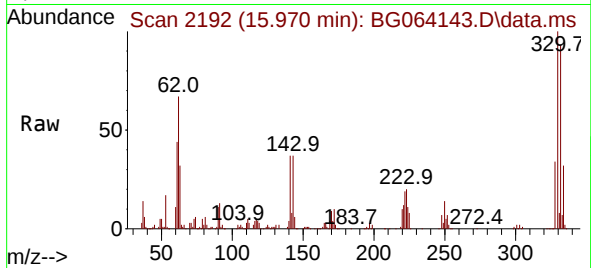
160 42.1 37.0 55.6



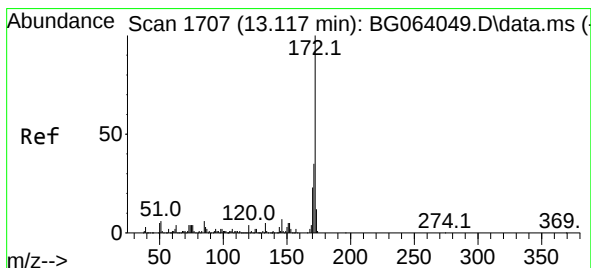
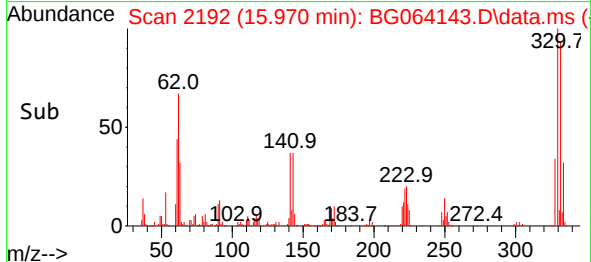
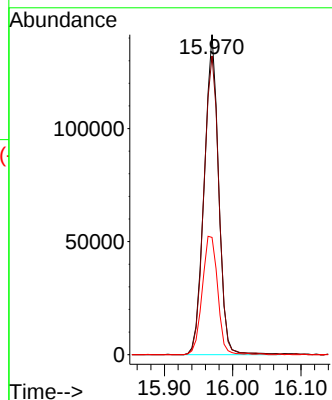


#42
2,4,6-Tribromophenol
Concen: 185.932 ng
RT: 15.970 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01

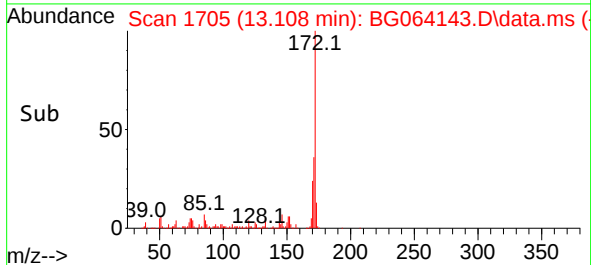
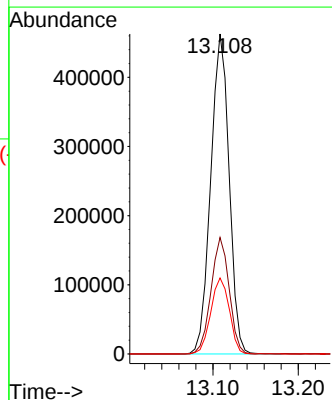
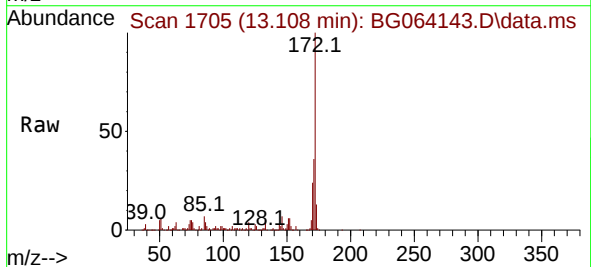


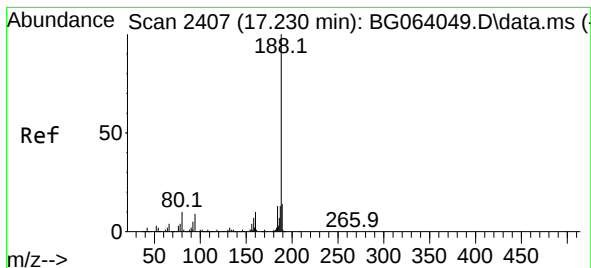
Tgt Ion:330 Resp: 208074
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 39.7 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 104.372 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Tgt Ion:172 Resp: 692265
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-007-01

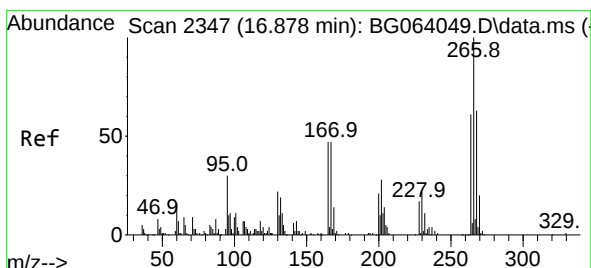
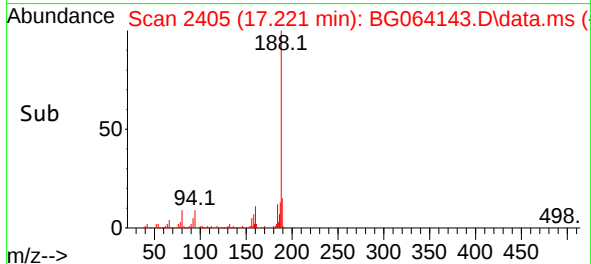
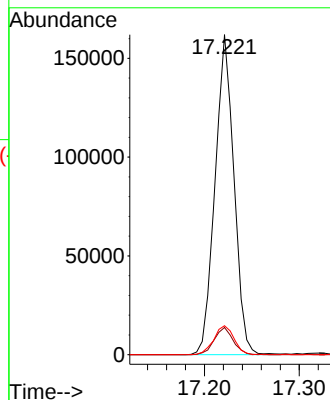
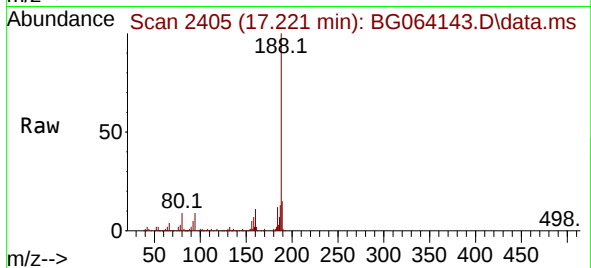
Tgt Ion:188 Resp: 224548

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.1 8.1 12.1



#70

Pentachlorophenol

Concen: 3.830 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064143.D

Acq: 1 Apr 2025 20:26

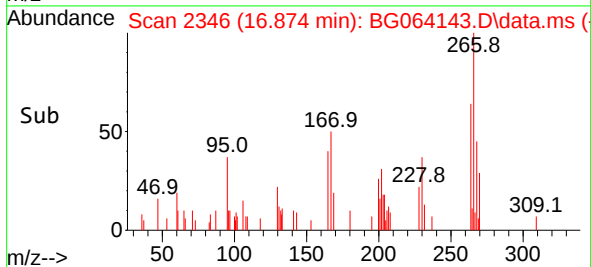
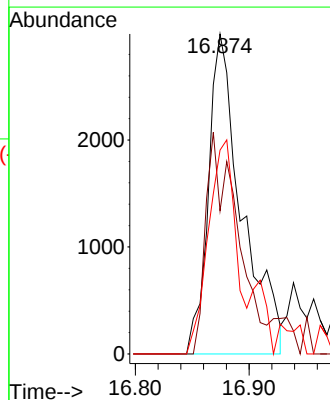
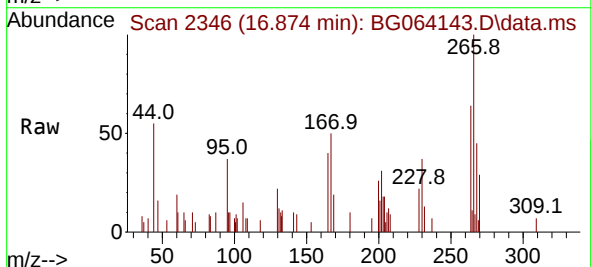
Tgt Ion:266 Resp: 6122

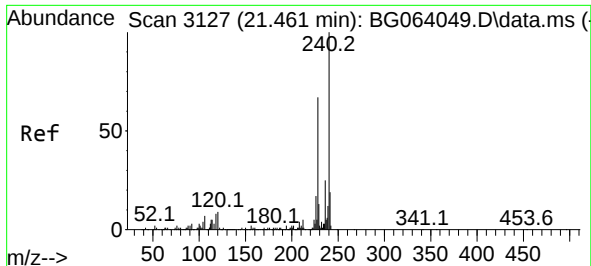
Ion Ratio Lower Upper

266 100

268 44.8 50.2 75.4#

264 75.2 48.9 73.3#

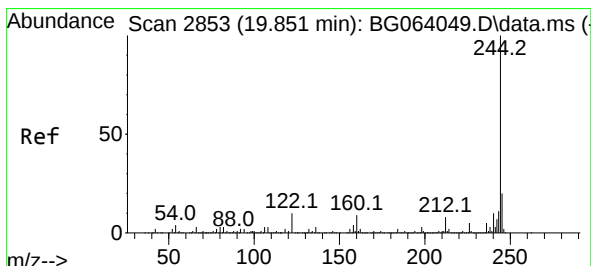
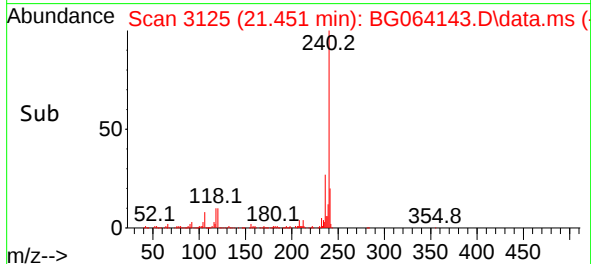
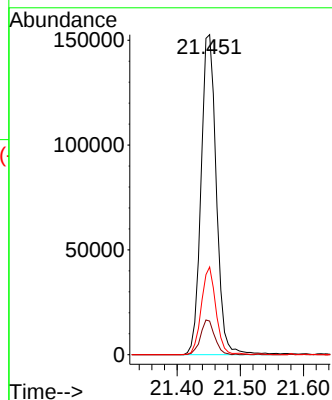
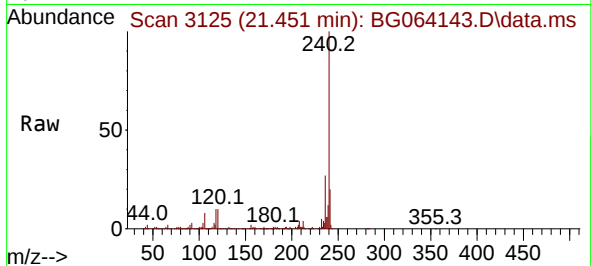




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

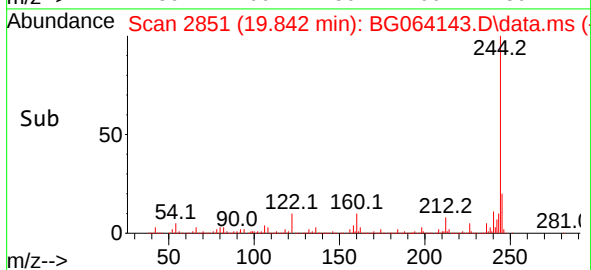
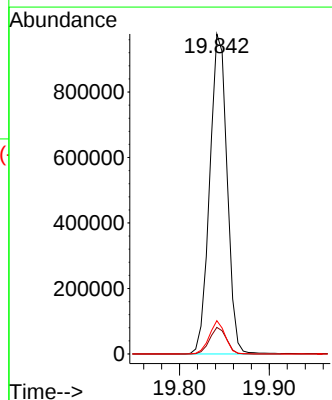
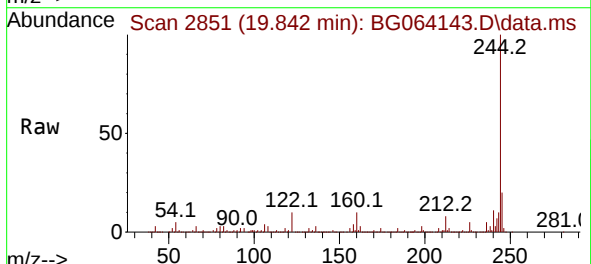
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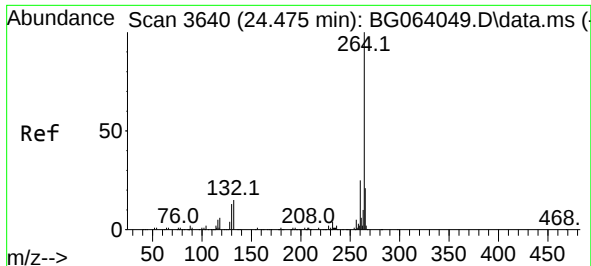
Tgt Ion:240 Resp: 255840
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 27.4 20.2 30.2



#79
Terphenyl-d14
Concen: 103.778 ng
RT: 19.842 min Scan# 2851
Delta R.T. -0.009 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

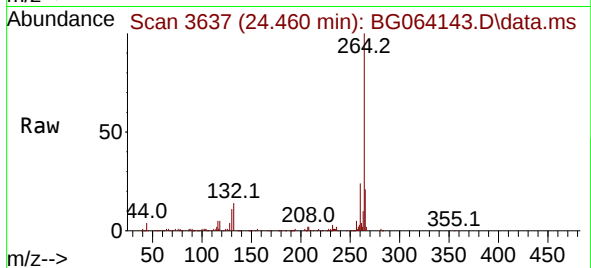
Tgt Ion:244 Resp: 1313084
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.4
122 10.4 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG064143.D
Acq: 1 Apr 2025 20:26

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-007-01



Tgt Ion:264 Resp: 278315

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	16.6	25.0

