

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064132.D
 Acq On : 1 Apr 2025 13:02
 Operator : RC/JU
 Sample : Q1666-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-WTS-05

Quant Time: Apr 01 13:52:08 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)

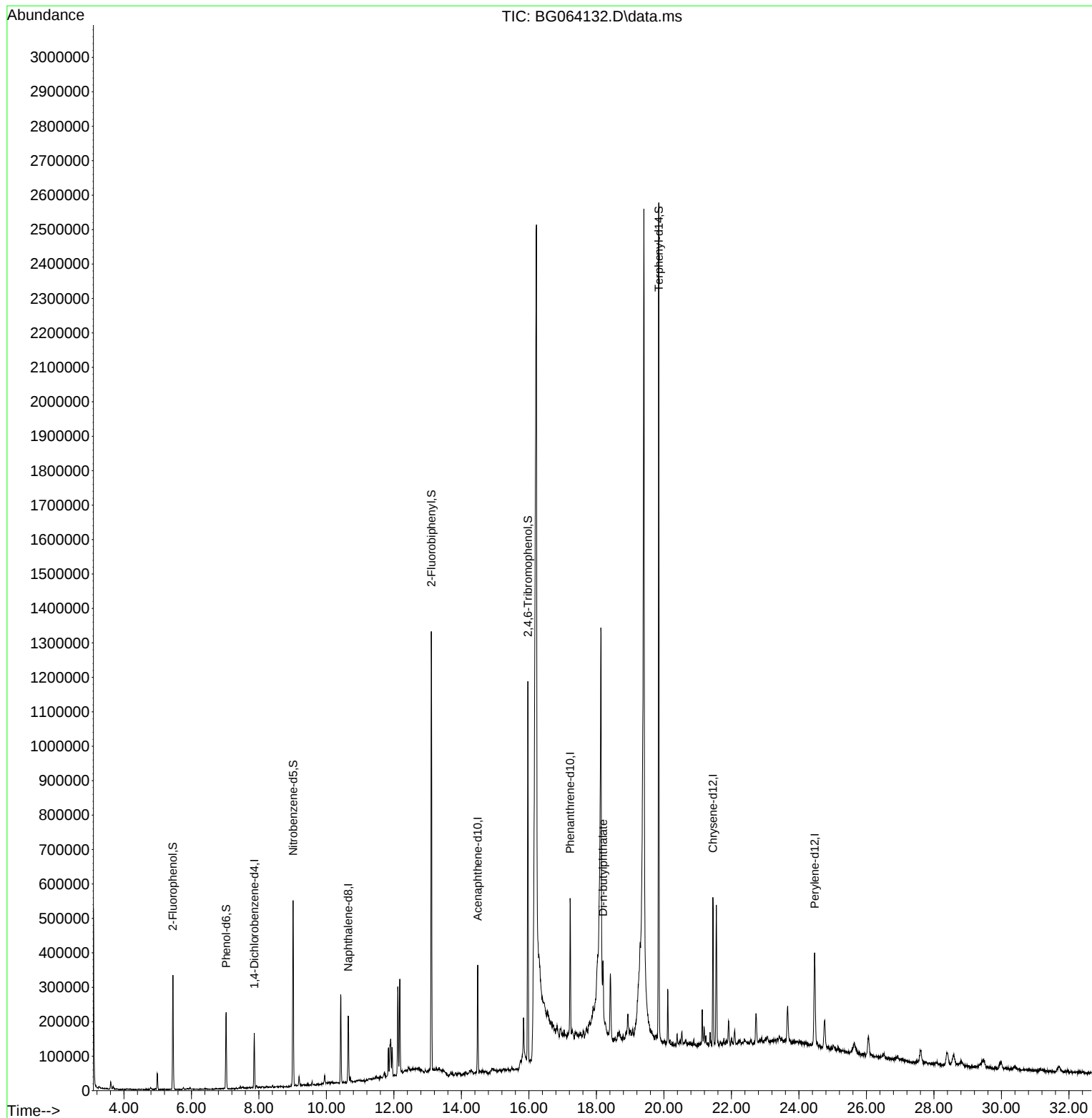
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	37361	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	150903	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	101090	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	219908	20.000	ng	0.00
76) Chrysene-d12	21.451	240	242527	20.000	ng	0.00
86) Perylene-d12	24.465	264	257901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	131388	54.912	ng	0.00
7) Phenol-d6	7.027	99	104380	32.067	ng	0.00
23) Nitrobenzene-d5	9.013	82	283068	103.662	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	181896	161.874	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	616378	92.550	ng	0.00
79) Terphenyl-d14	19.847	244	1081513	90.168	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.196	149	83429	6.509	ng	Qvalue 98

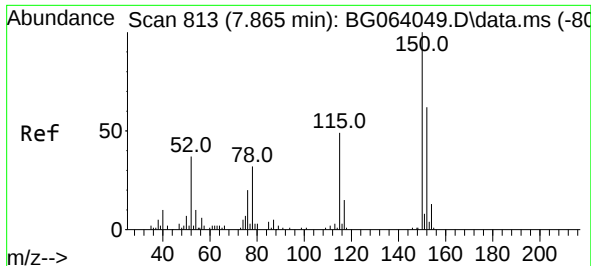
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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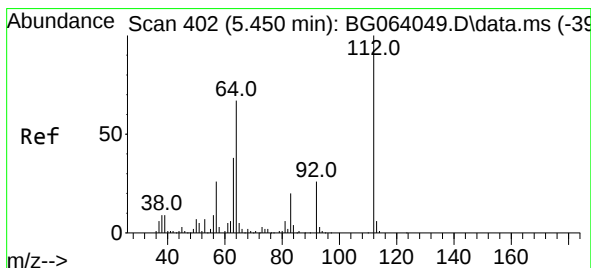
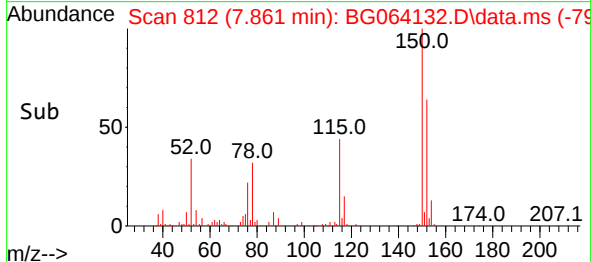
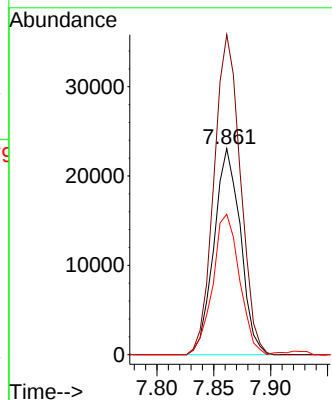
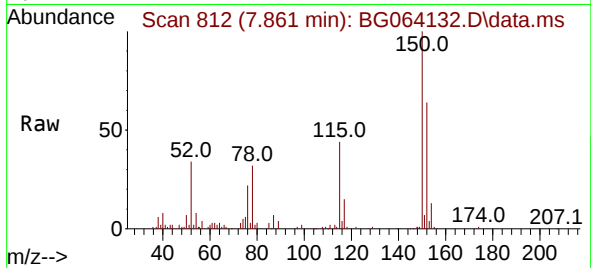




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

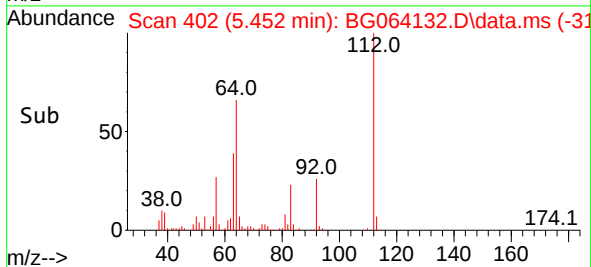
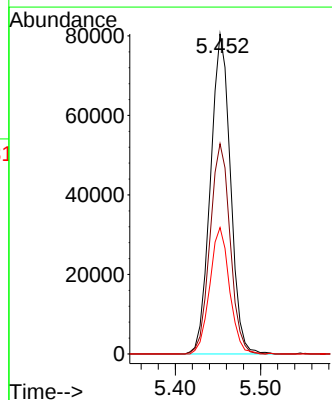
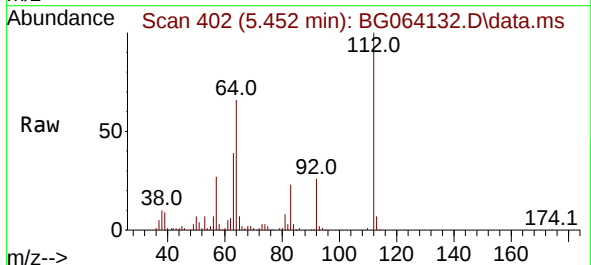
Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:152 Resp: 37361
Ion Ratio Lower Upper
152 100
150 155.3 129.2 193.8
115 68.2 63.0 94.6



#5
2-Fluorophenol
Concen: 54.912 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:112 Resp: 131388
Ion Ratio Lower Upper
112 100
64 65.7 53.7 80.5
63 39.5 30.2 45.4

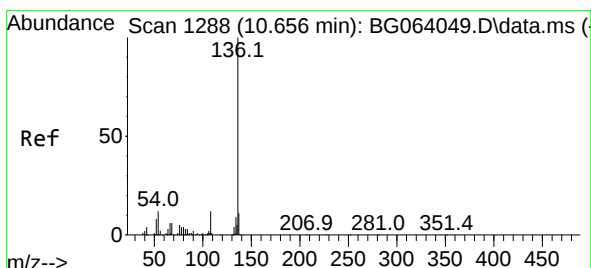
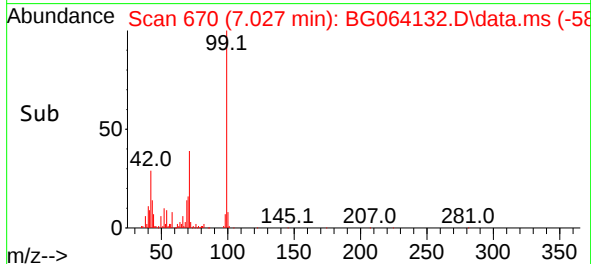
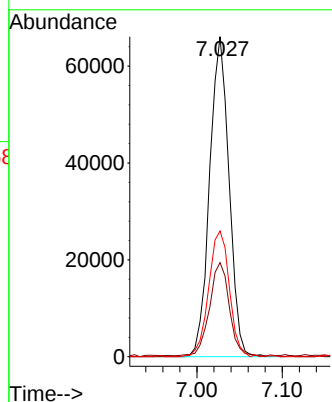
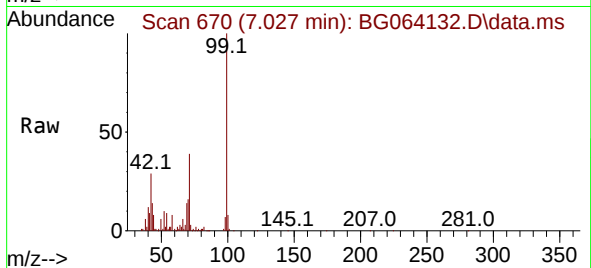




#7
Phenol-d6
Concen: 32.067 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

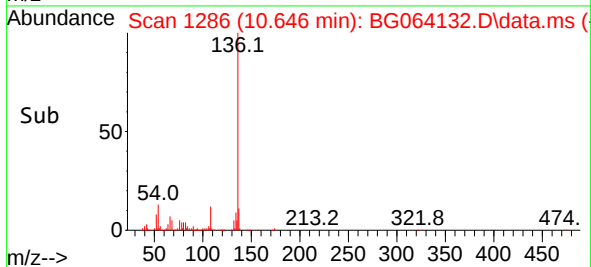
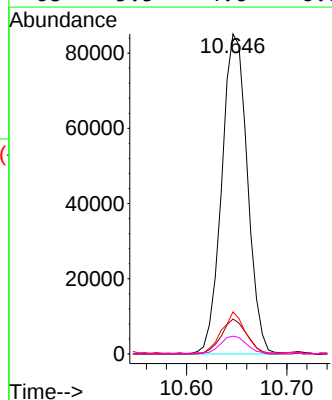
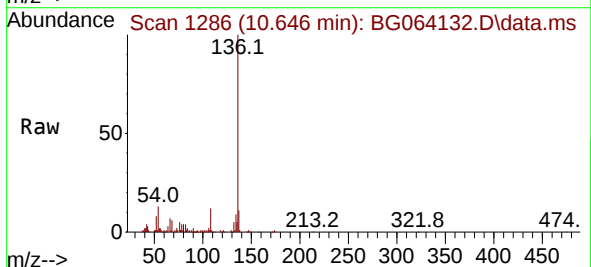
Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

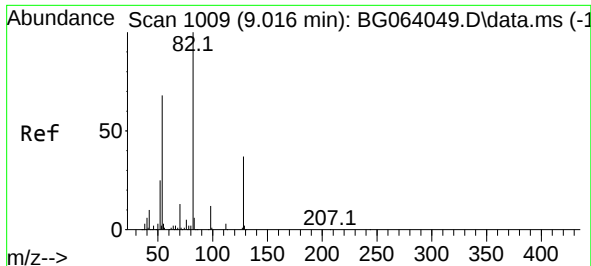
Tgt Ion: 99 Resp: 104380
Ion Ratio Lower Upper
99 100
42 29.4 22.7 34.1
71 39.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:136 Resp: 150903
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 13.1 9.9 14.9
68 5.5 4.6 6.8

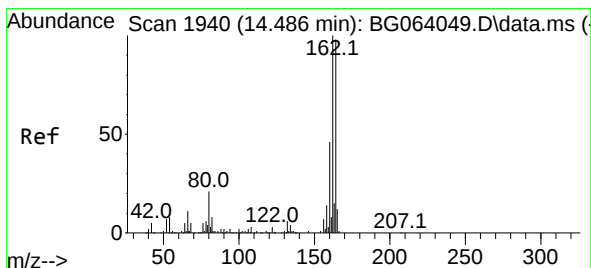
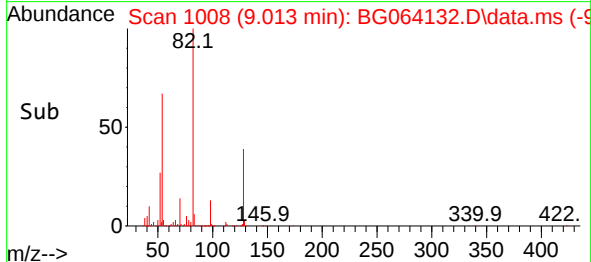
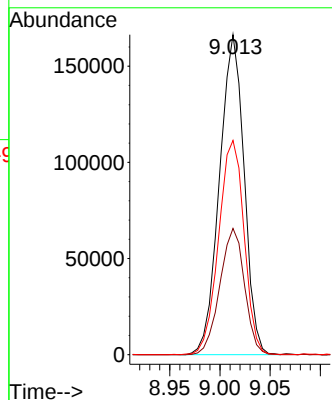
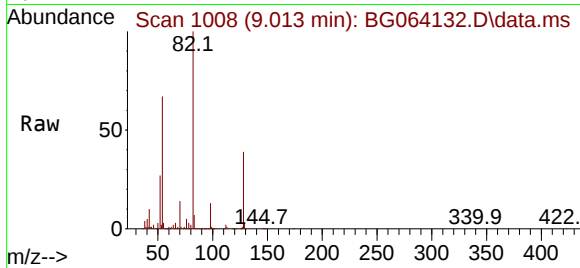




#23
Nitrobenzene-d5
Concen: 103.662 ng
RT: 9.013 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

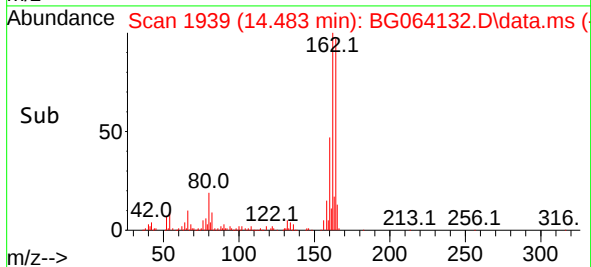
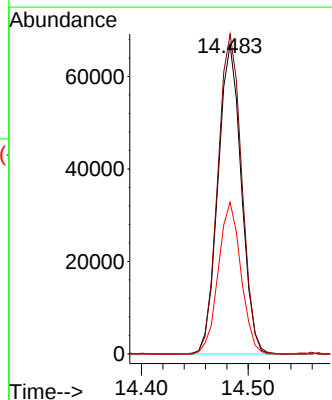
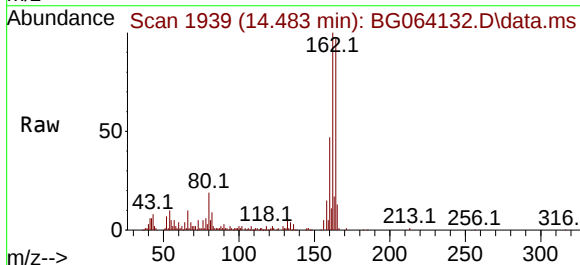
Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

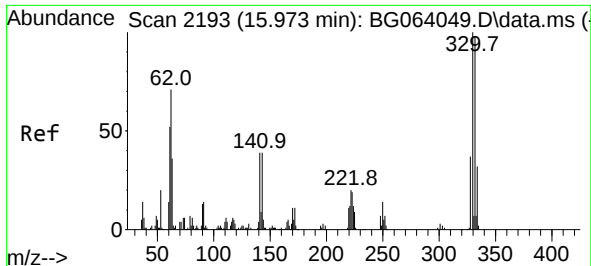
Tgt Ion: 82 Resp: 283068
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 67.0 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:164 Resp: 101090
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 49.0 37.0 55.6

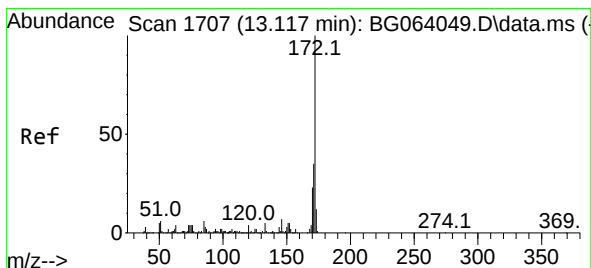
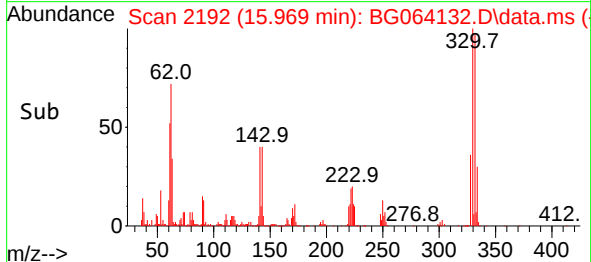
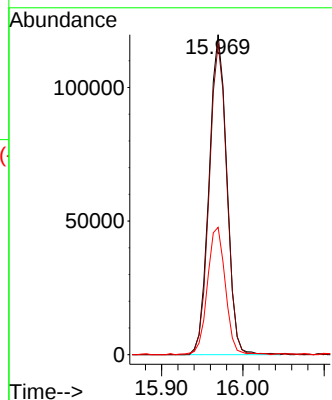
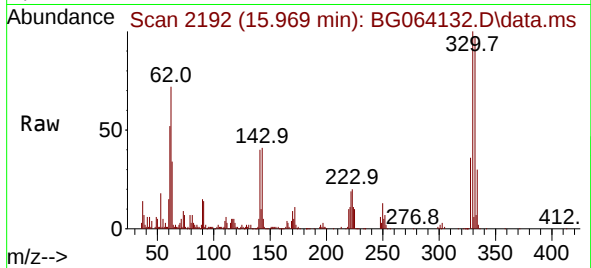




#42
2,4,6-Tribromophenol
Concen: 161.874 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

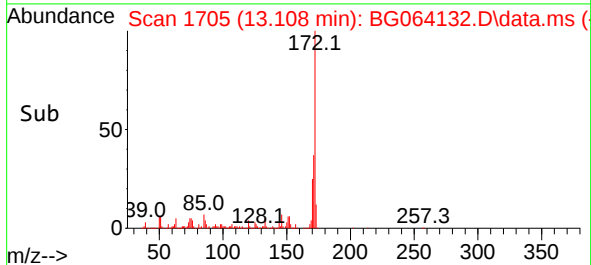
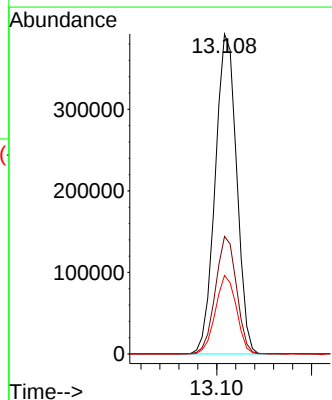
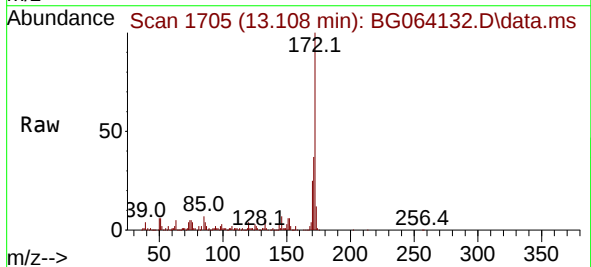
Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

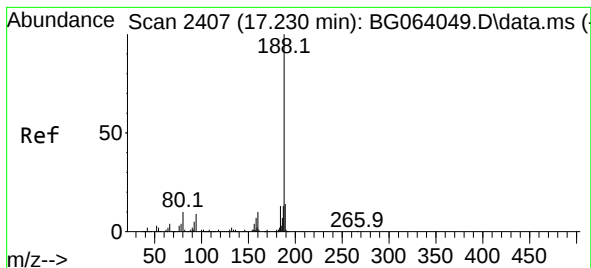
Tgt Ion:330 Resp: 181896
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 40.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 92.550 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:172 Resp: 616378
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 24.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BG064132.D

Acq: 1 Apr 2025 13:02

Instrument :

BNA_G

ClientSampleId :

TW-WTS-05

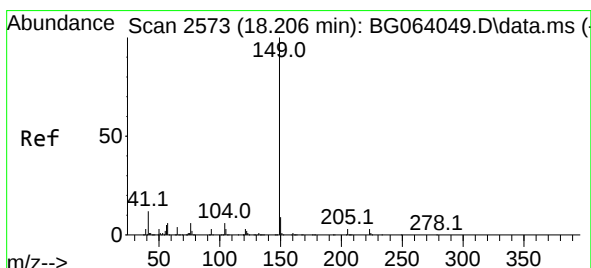
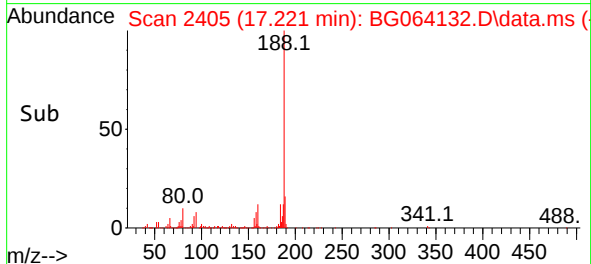
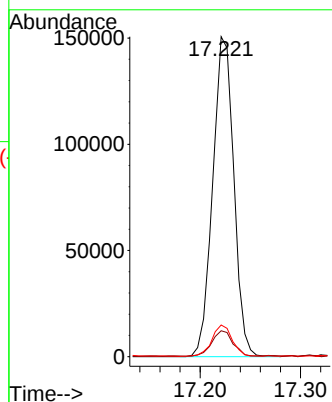
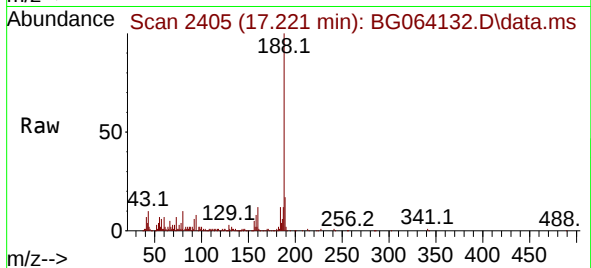
Tgt Ion:188 Resp: 219908

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.9 8.1 12.1



#74

Di-n-butylphthalate

Concen: 6.509 ng

RT: 18.196 min Scan# 2571

Delta R.T. -0.009 min

Lab File: BG064132.D

Acq: 1 Apr 2025 13:02

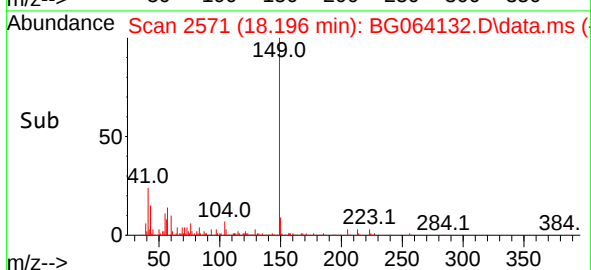
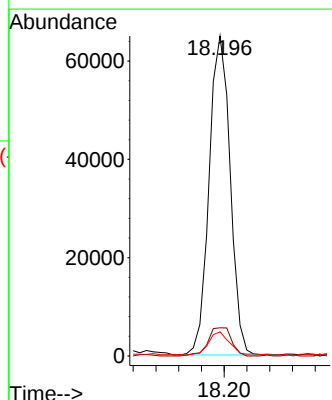
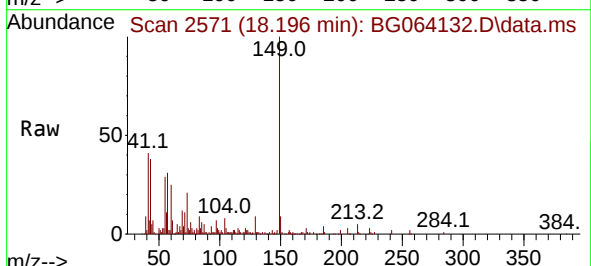
Tgt Ion:149 Resp: 83429

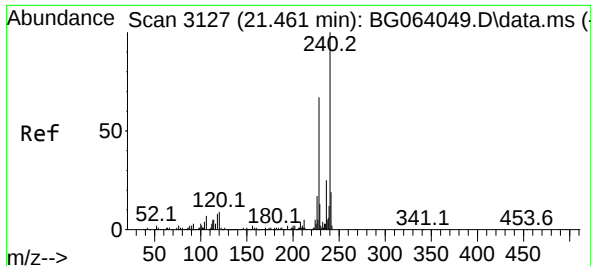
Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

104 7.6 5.0 7.6

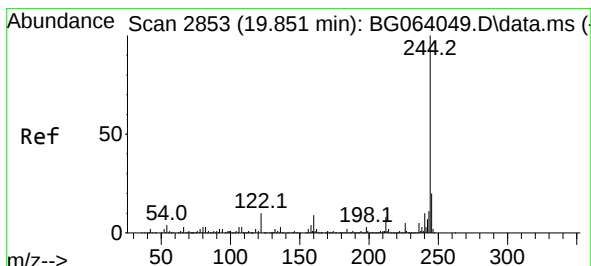
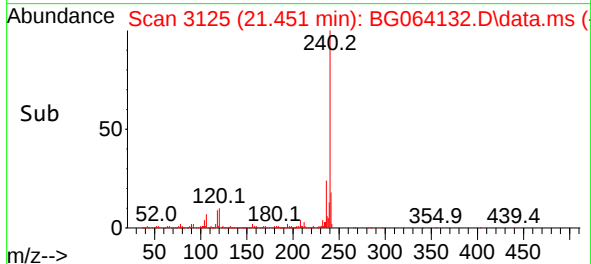
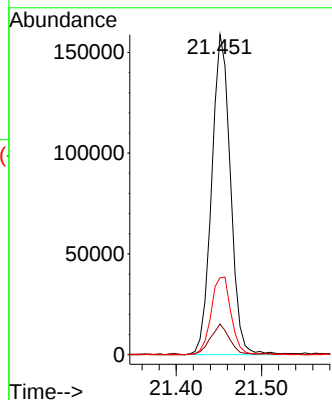
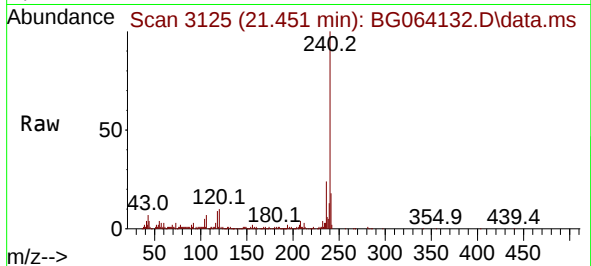




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

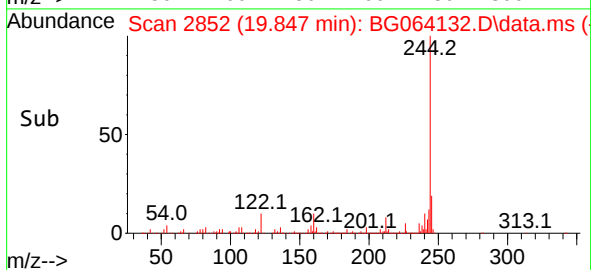
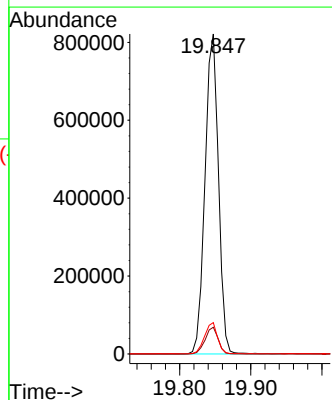
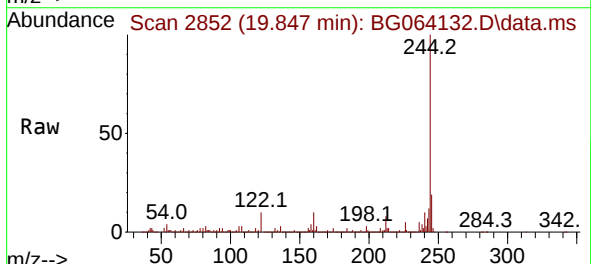
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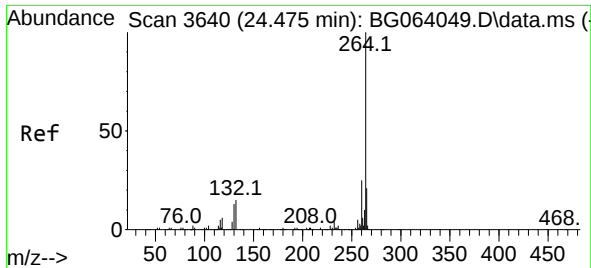
Tgt Ion:240 Resp: 242527
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 24.1 20.2 30.2



#79
Terphenyl-d14
Concen: 90.168 ng
RT: 19.847 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

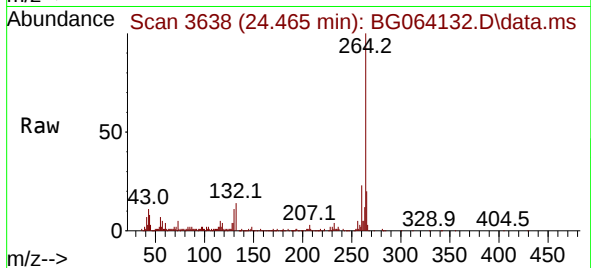
Tgt Ion:244 Resp: 1081513
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 9.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.465 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG064132.D
 Acq: 1 Apr 2025 13:02

Instrument :
 BNA_G
 ClientSampleId :
 TW-WTS-05



Tgt Ion:264 Resp: 257901
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.2 16.6 25.0

