

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064156.D
 Acq On : 2 Apr 2025 17:04
 Operator : RC/JU
 Sample : Q1671-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1RE

Quant Time: Apr 02 18:19:35 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	41087	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	177900	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	117152	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	246341	20.000	ng	0.00
76) Chrysene-d12	21.451	240	251344	20.000	ng	0.00
86) Perylene-d12	24.459	264	269520	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	233966	88.915	ng	0.00
7) Phenol-d6	7.027	99	330512	92.331	ng	0.00
23) Nitrobenzene-d5	9.013	82	208491	64.765	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	145546	111.767	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	499375	64.702	ng	0.00
79) Terphenyl-d14	19.841	244	773070	62.191	ng	0.00

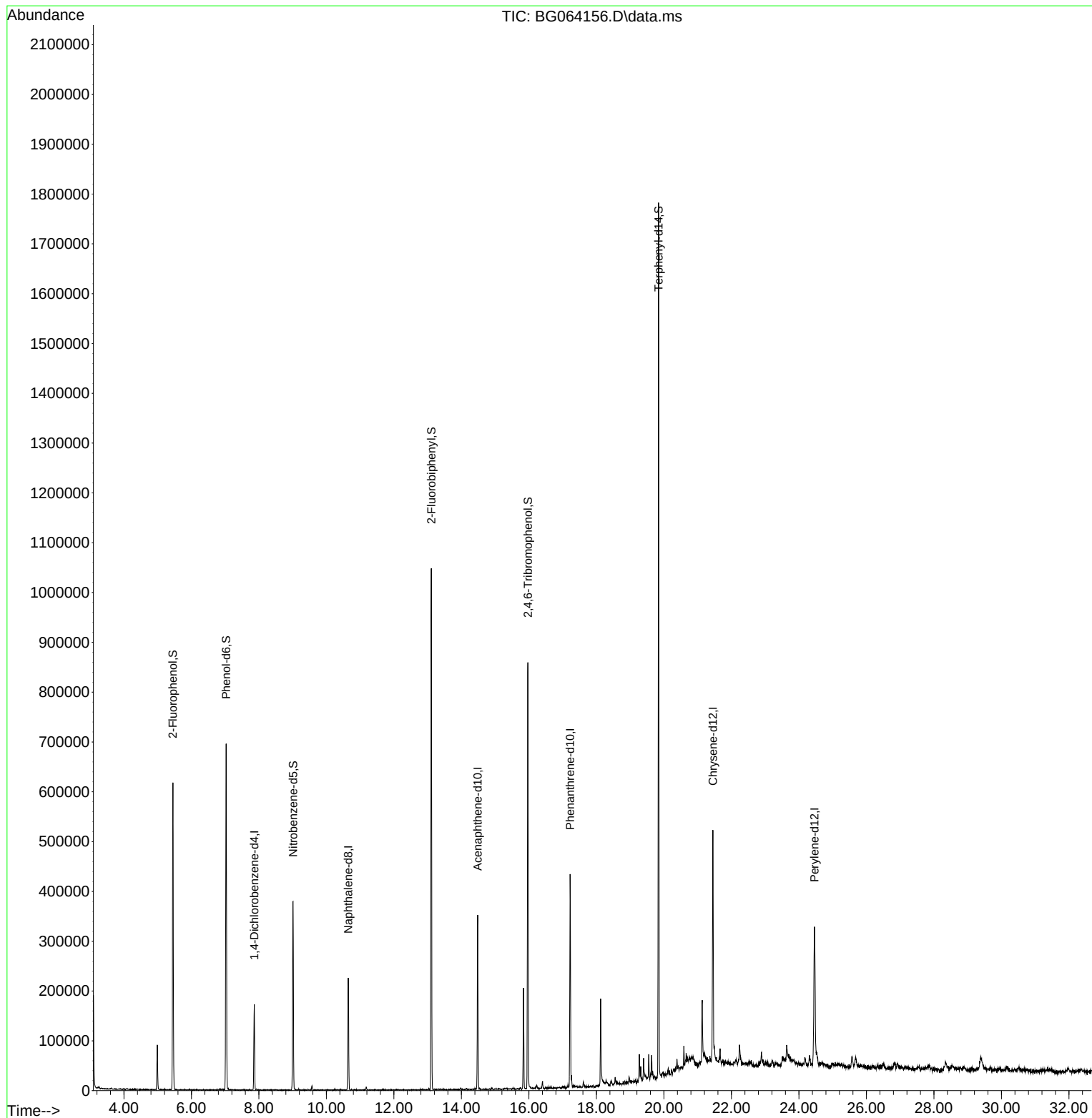
Target Compounds	Qvalue

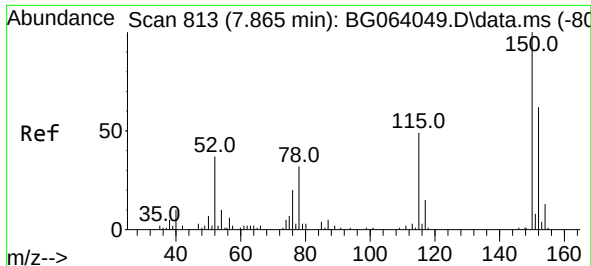
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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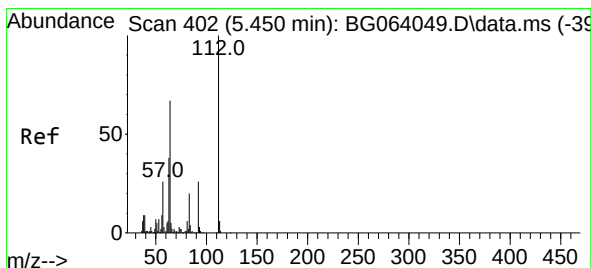
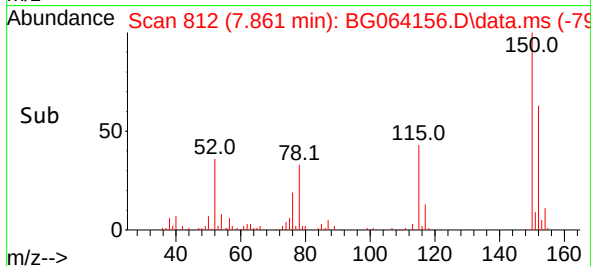
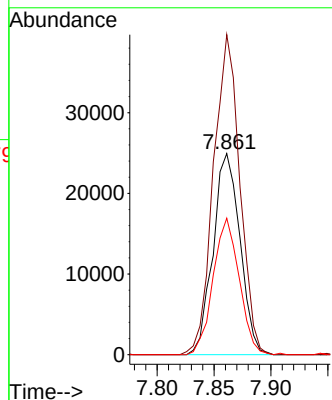
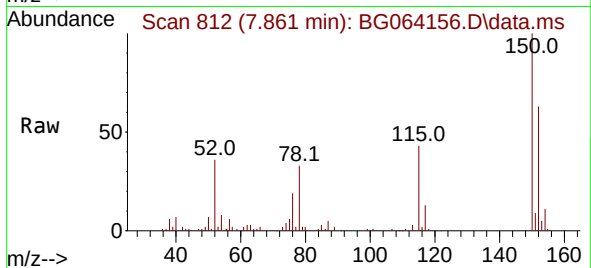




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

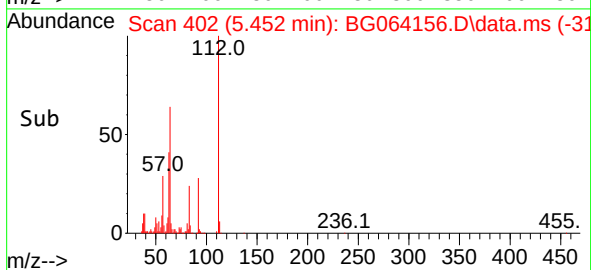
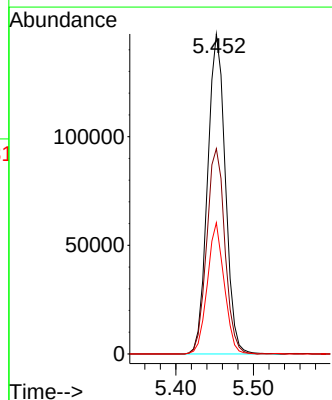
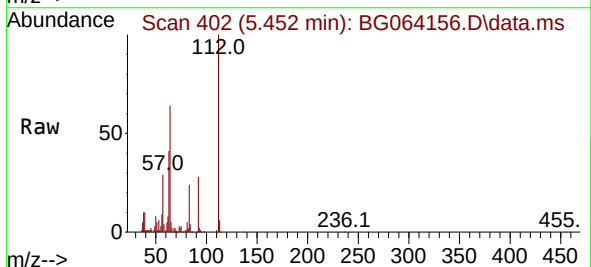
Instrument :
BNA_G
ClientSampleId :
WC-1RE

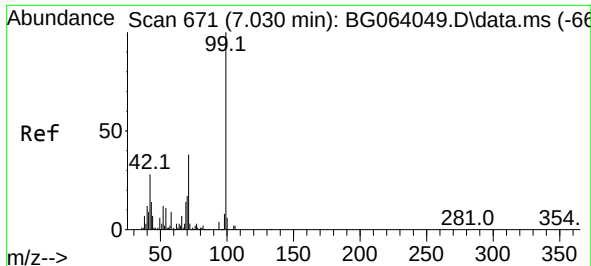
Tgt Ion:152 Resp: 41087
Ion Ratio Lower Upper
152 100
150 159.0 129.2 193.8
115 67.8 63.0 94.6



#5
2-Fluorophenol
Concen: 88.915 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:112 Resp: 233966
Ion Ratio Lower Upper
112 100
64 64.1 53.7 80.5
63 41.0 30.2 45.4

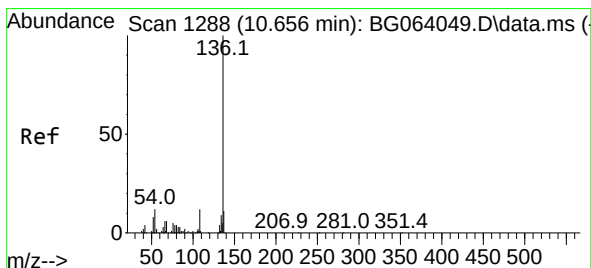
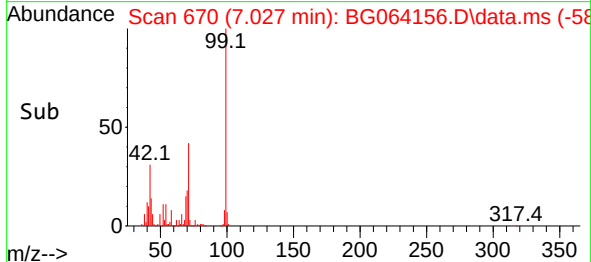
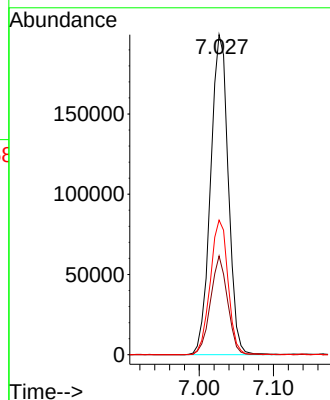
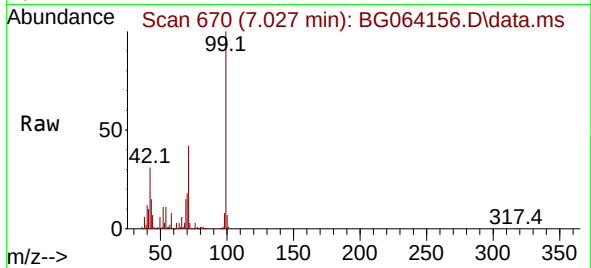




#7
Phenol-d6
Concen: 92.331 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

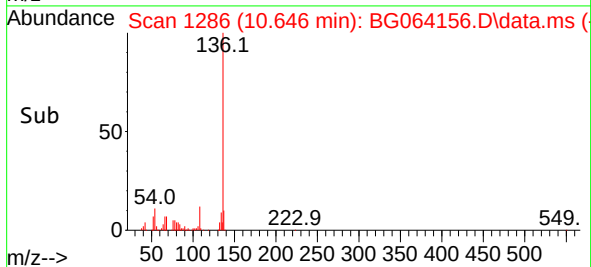
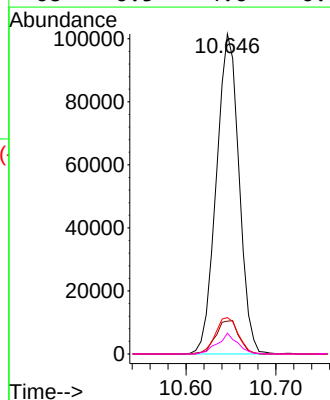
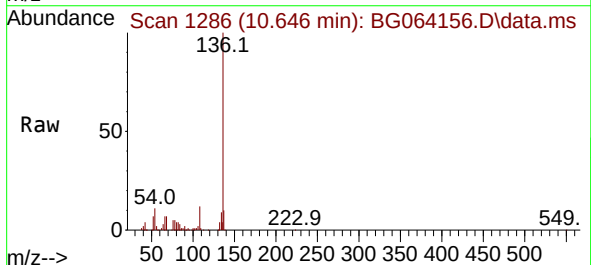
Instrument :
BNA_G
ClientSampleId :
WC-1RE

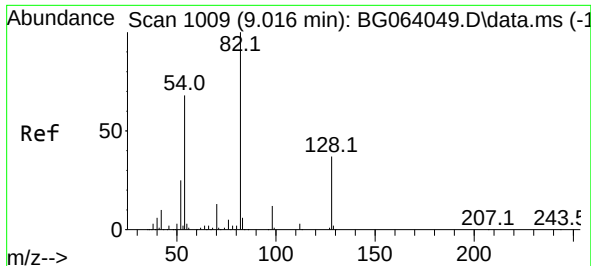
Tgt Ion: 99 Resp: 330512
Ion Ratio Lower Upper
99 100
42 30.9 22.7 34.1
71 42.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 136 Resp: 177900
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 11.3 9.9 14.9
68 6.5 4.6 6.8

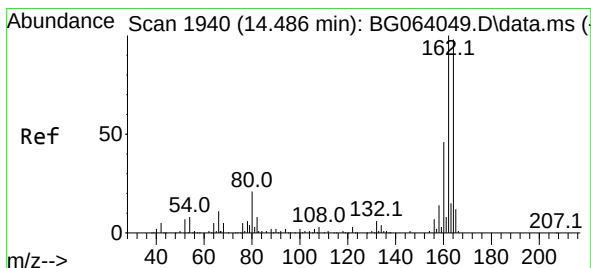
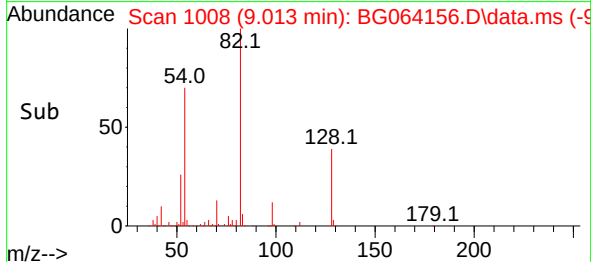
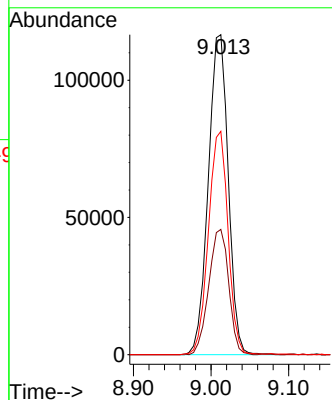
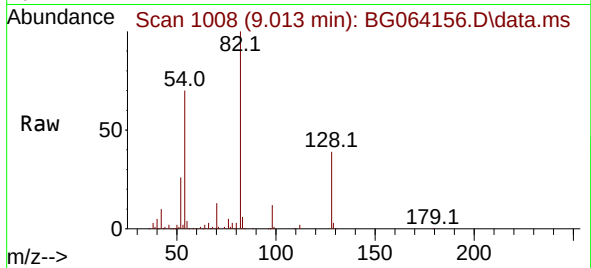




#23
Nitrobenzene-d5
Concen: 64.765 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

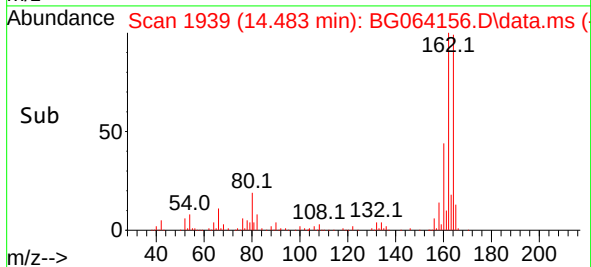
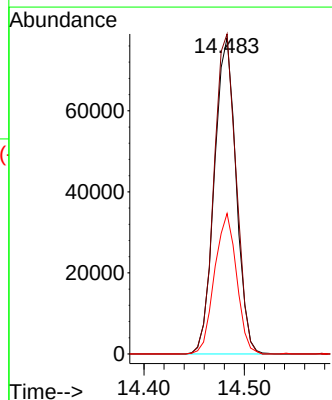
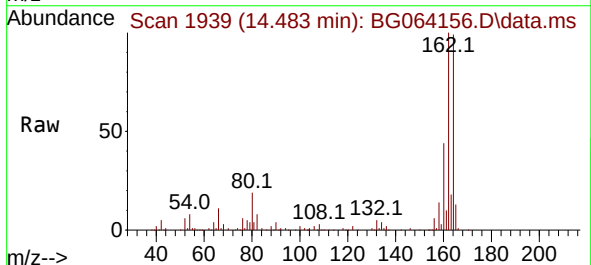
Instrument :
BNA_G
ClientSampleId :
WC-1RE

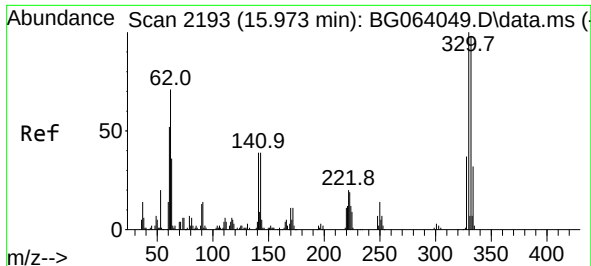
Tgt Ion: 82 Resp: 208491
Ion Ratio Lower Upper
82 100
128 39.2 30.0 45.0
54 69.8 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 164 Resp: 117152
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.4 37.0 55.6

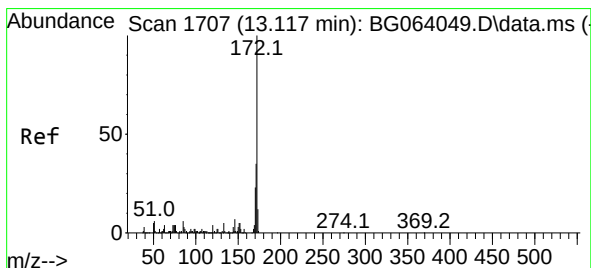
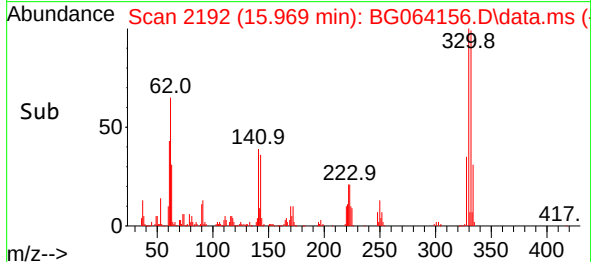
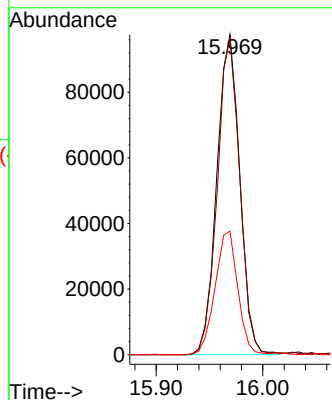
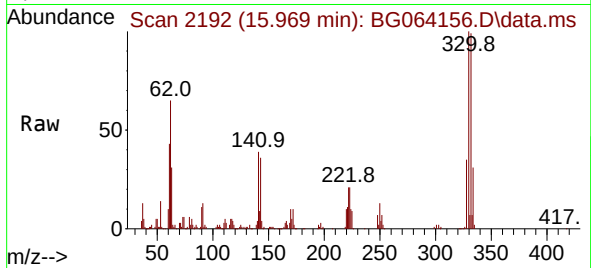




#42
2,4,6-Tribromophenol
Concen: 111.767 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

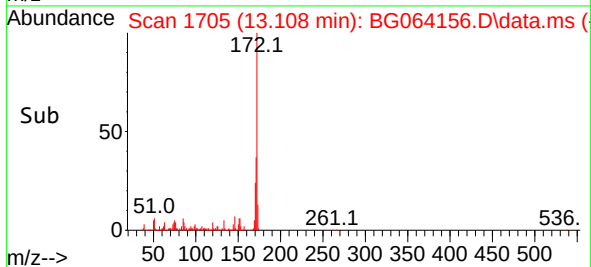
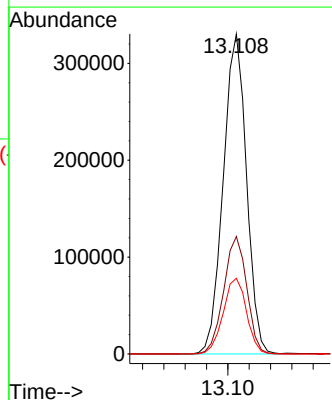
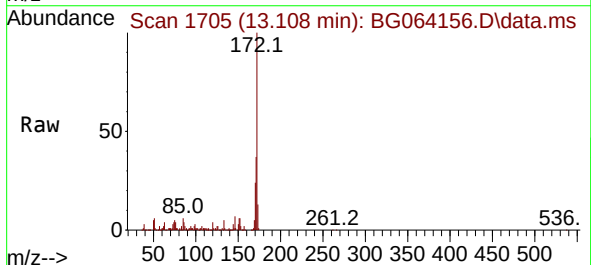
Instrument :
BNA_G
ClientSampleId :
WC-1RE

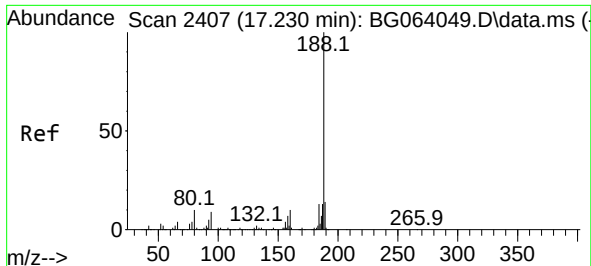
Tgt Ion:330 Resp: 145546
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 38.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 64.702 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:172 Resp: 499375
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 23.7 18.7 28.1

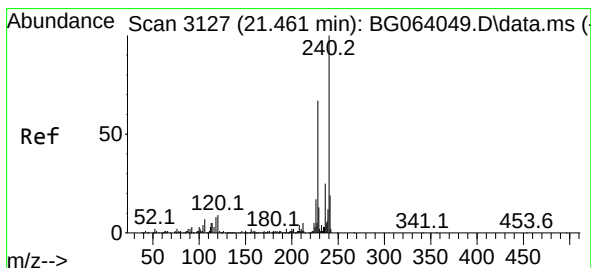
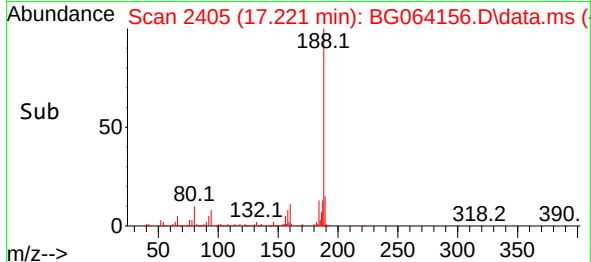
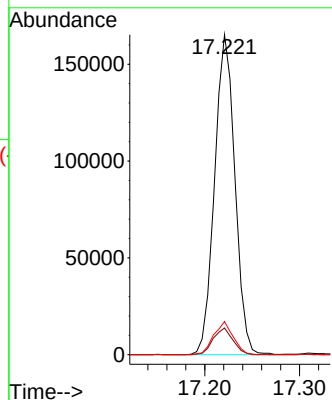
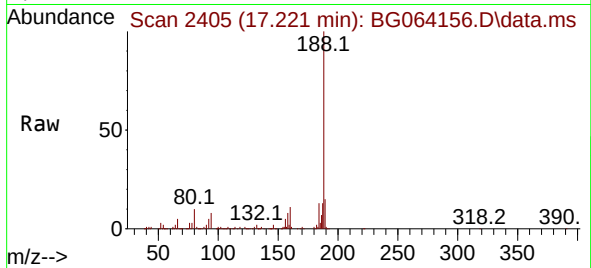




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

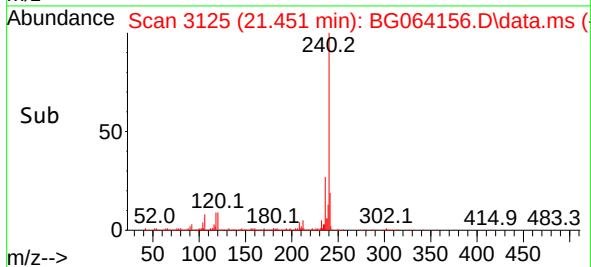
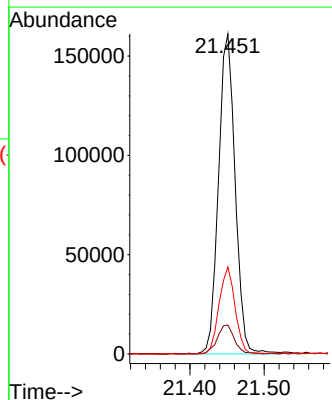
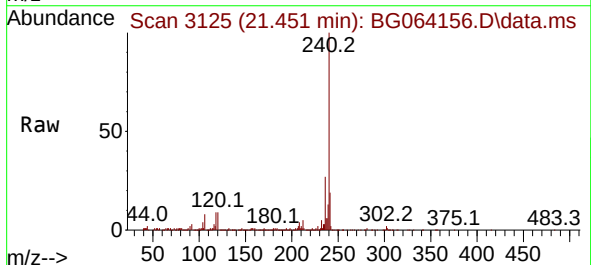
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BNA_G
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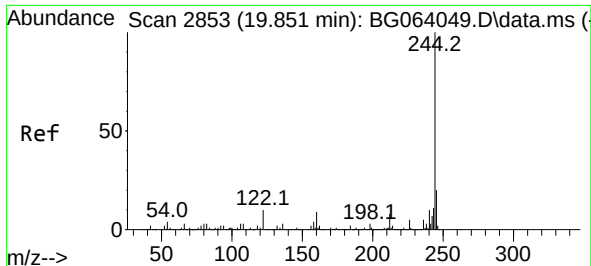
Tgt Ion:188 Resp: 246341
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:240 Resp: 251344
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 27.2 20.2 30.2

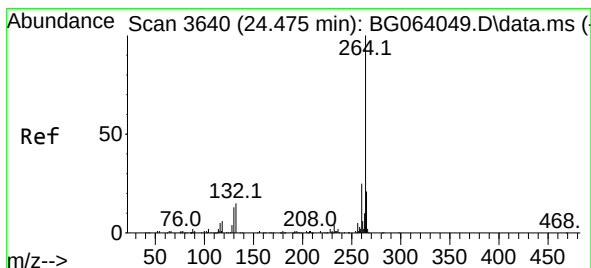
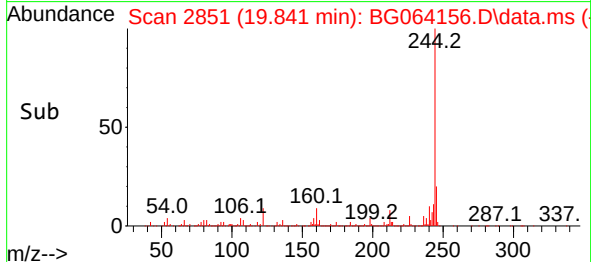
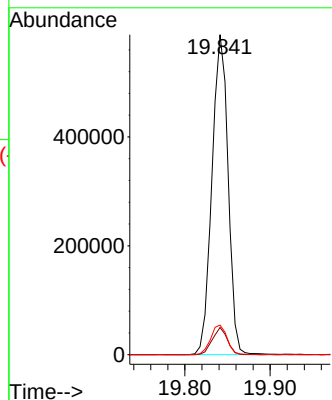
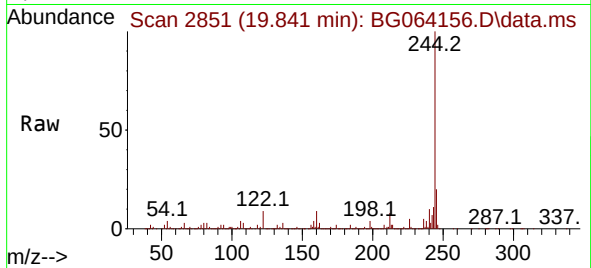




#79
 Terphenyl-d14
 Concen: 62.191 ng
 RT: 19.841 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064156.D
 Acq: 2 Apr 2025 17:04

Instrument :
 BNA_G
 ClientSampleId :
 WC-1RE

Tgt Ion:244 Resp: 773070
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.4
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.459 min Scan# 3637
 Delta R.T. -0.015 min
 Lab File: BG064156.D
 Acq: 2 Apr 2025 17:04

Tgt Ion:264 Resp: 269520
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 20.7 16.6 25.0

