

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064093.D
 Acq On : 11 Mar 2025 13:14
 Operator : RC/JU
 Sample : Q1537-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 11 14:04:51 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	7.863	152	32927	20.000	ng	0.00
21) Naphthalene-d8	10.648	136	142047	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	93735	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	200898	20.000	ng	0.00
76) Chrysene-d12	21.452	240	215981	20.000	ng	0.00
86) Perylene-d12	24.472	264	236599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.454	112	116545	55.267	ng	0.00
7) Phenol-d6	7.028	99	174332	60.770	ng	0.00
23) Nitrobenzene-d5	9.014	82	128792	50.105	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	62316	59.808	ng	0.00
45) 2-Fluorobiphenyl	13.109	172	305237	49.428	ng	0.00
79) Terphenyl-d14	19.848	244	586561	54.913	ng	0.00

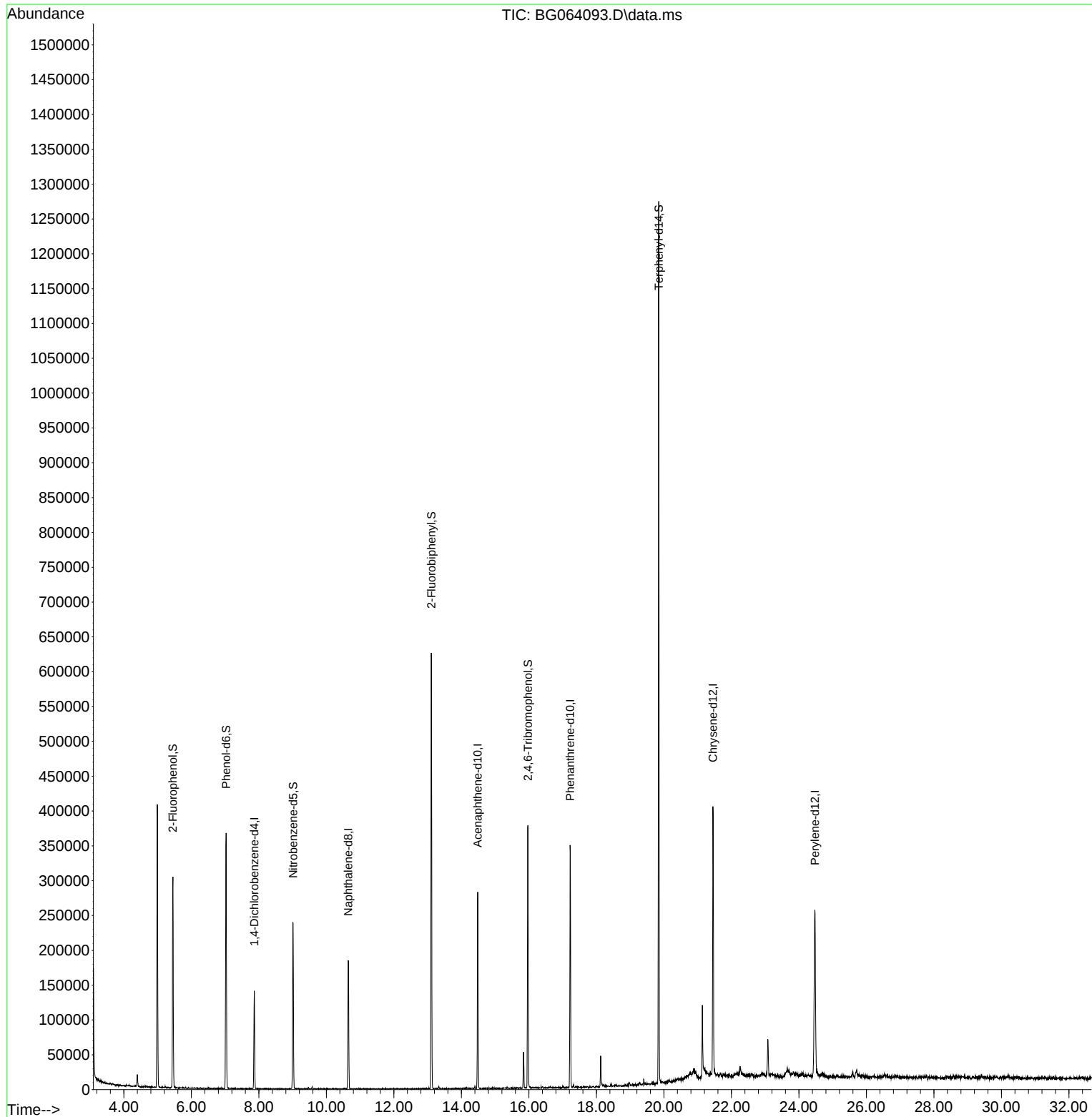
Target Compounds	Qvalue

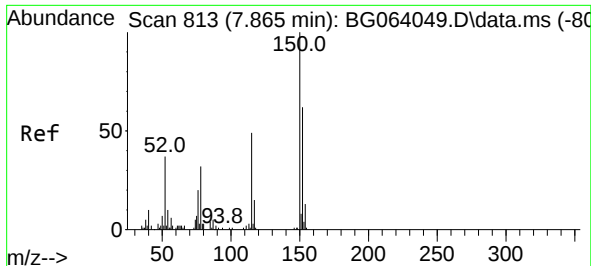
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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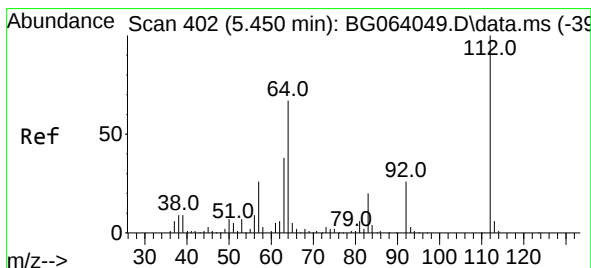
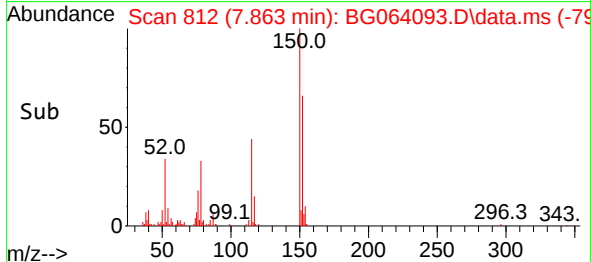
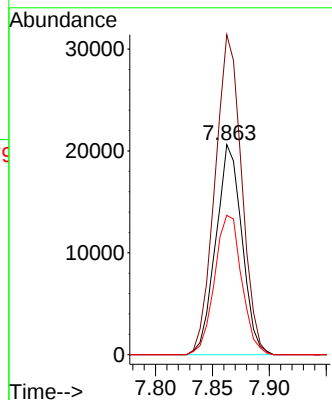
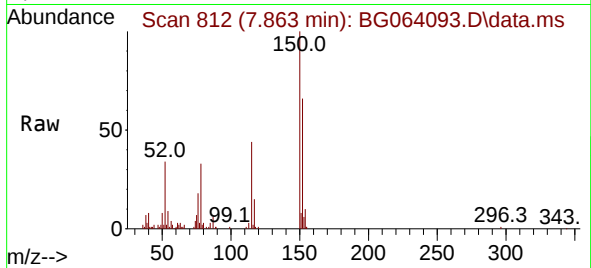




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

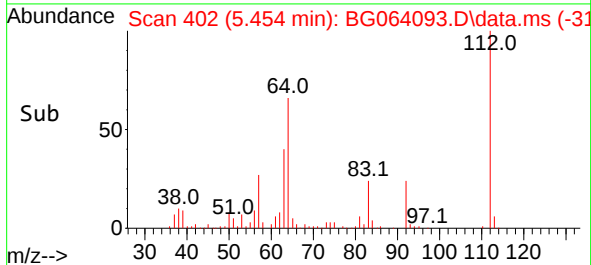
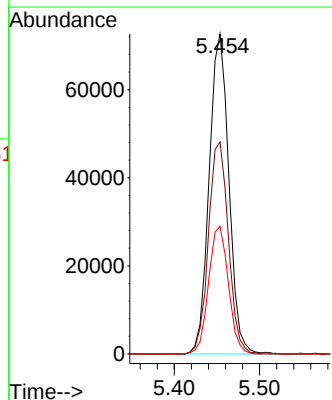
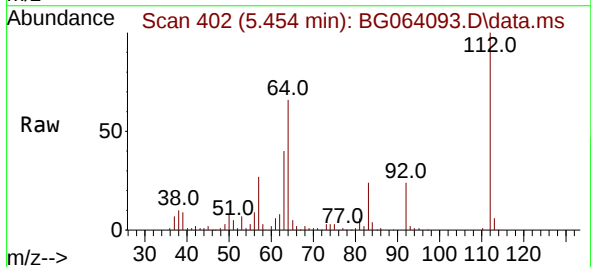
Instrument :
BNA_G
ClientSampleId :
COMP-2

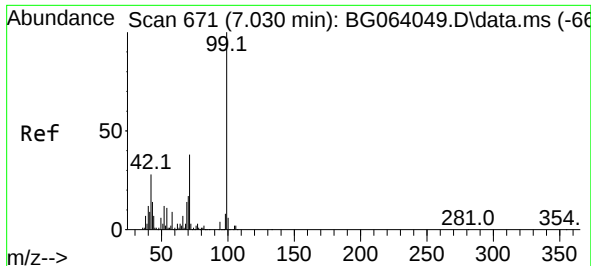
Tgt Ion:152 Resp: 32927
Ion Ratio Lower Upper
152 100
150 152.3 129.2 193.8
115 66.3 63.0 94.6



#5
2-Fluorophenol
Concen: 55.267 ng
RT: 5.454 min Scan# 402
Delta R.T. 0.004 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:112 Resp: 116545
Ion Ratio Lower Upper
112 100
64 66.3 53.7 80.5
63 39.9 30.2 45.4

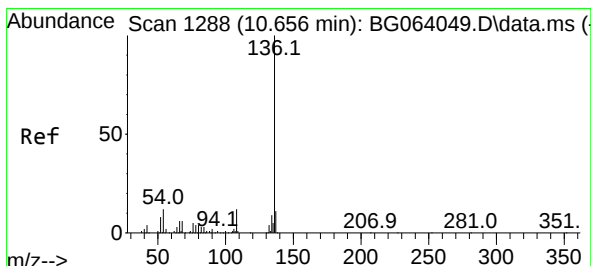
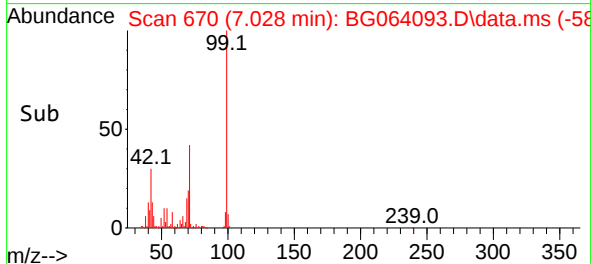
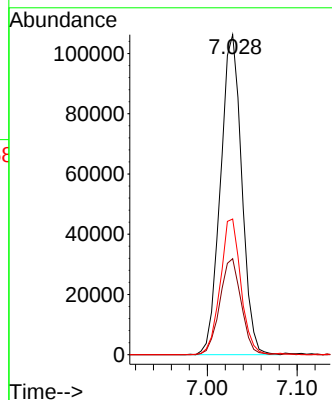
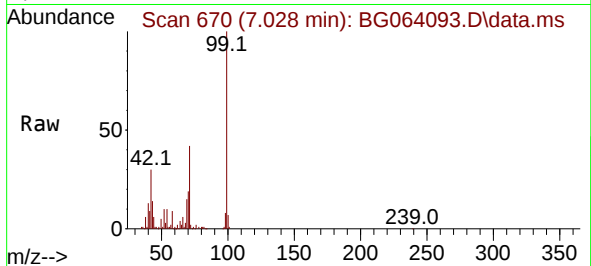




#7
Phenol-d6
Concen: 60.770 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

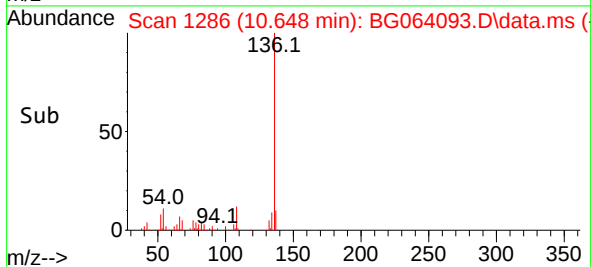
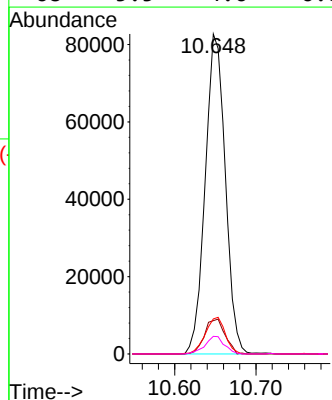
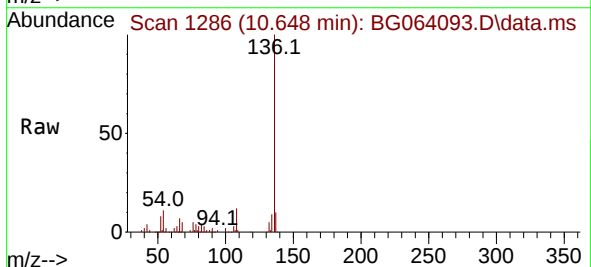
Instrument :
BNA_G
ClientSampleId :
COMP-2

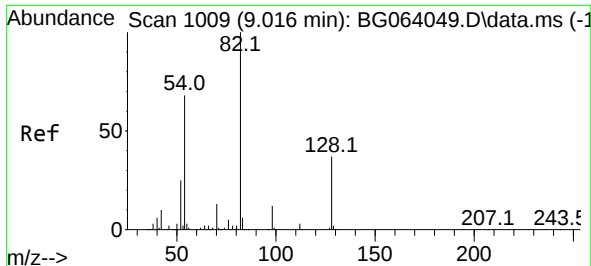
Tgt Ion: 99 Resp: 174332
Ion Ratio Lower Upper
99 100
42 30.0 22.7 34.1
71 42.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.648 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion: 136 Resp: 142047
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.9 9.9 14.9
68 5.5 4.6 6.8

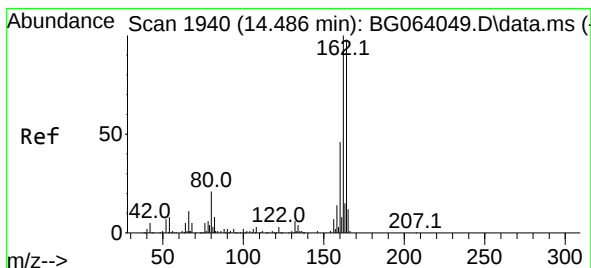
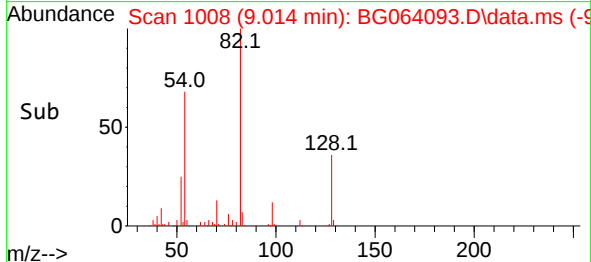
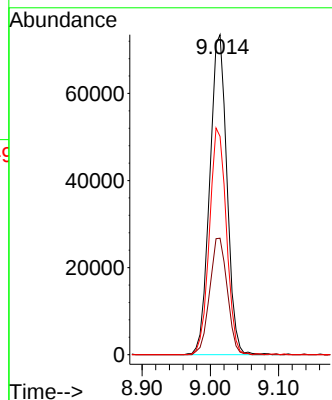
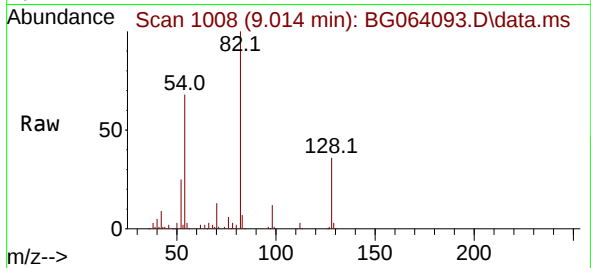




#23
Nitrobenzene-d5
Concen: 50.105 ng
RT: 9.014 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

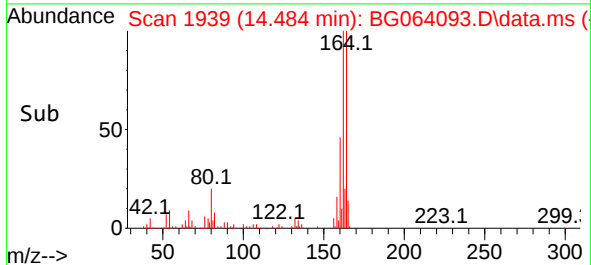
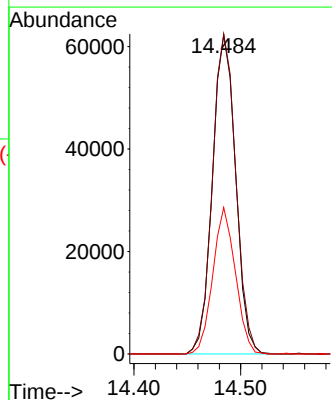
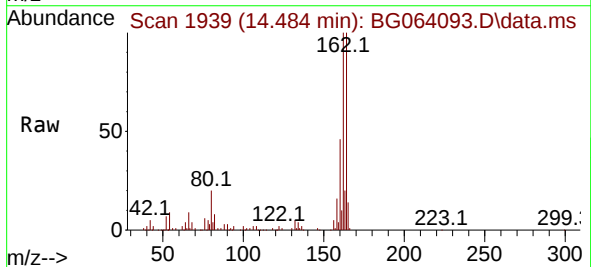
Instrument :
BNA_G
ClientSampleId :
COMP-2

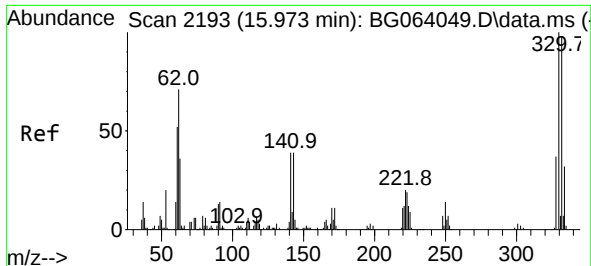
Tgt Ion: 82 Resp: 128792
Ion Ratio Lower Upper
82 100
128 36.4 30.0 45.0
54 68.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:164 Resp: 93735
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 45.9 37.0 55.6

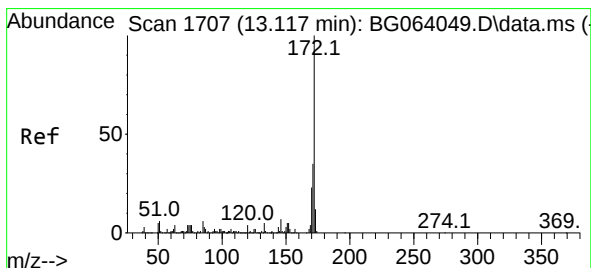
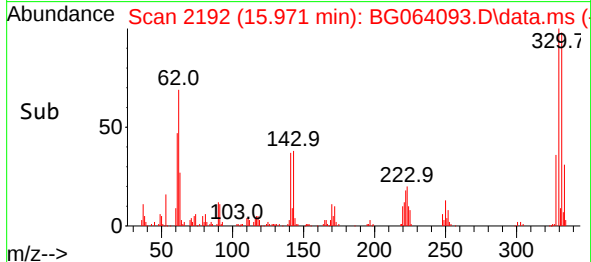
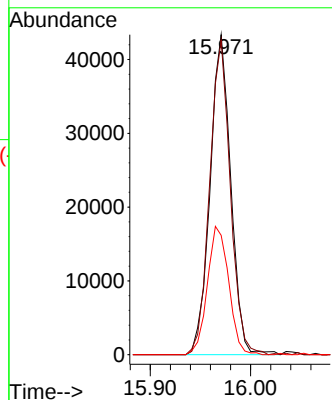
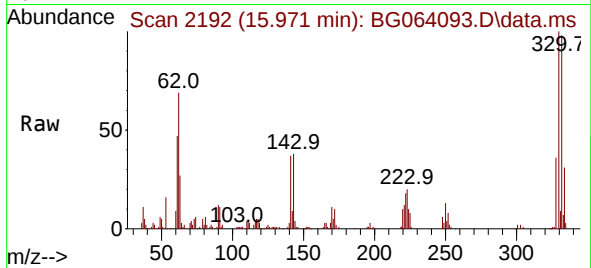




#42
2,4,6-Tribromophenol
Concen: 59.808 ng
RT: 15.971 min Scan# 2193
Delta R.T. -0.002 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

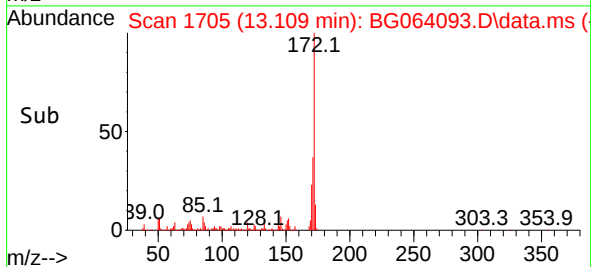
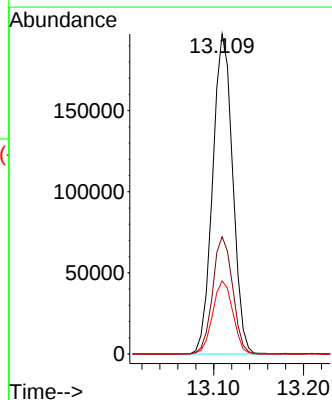
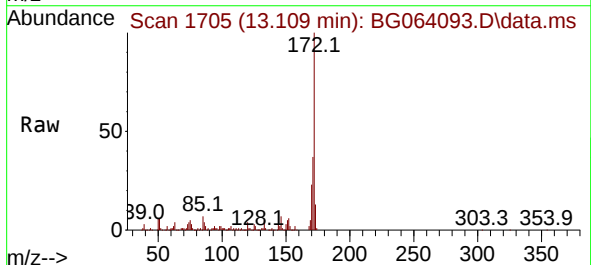
Instrument :
BNA_G
ClientSampleId :
COMP-2

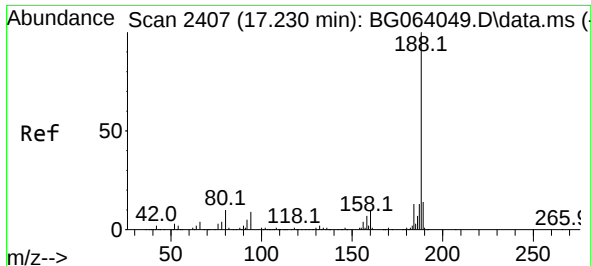
Tgt Ion:330 Resp: 62316
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 41.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 49.428 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:172 Resp: 305237
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 22.9 18.7 28.1

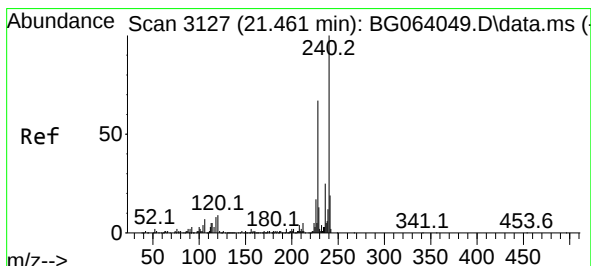
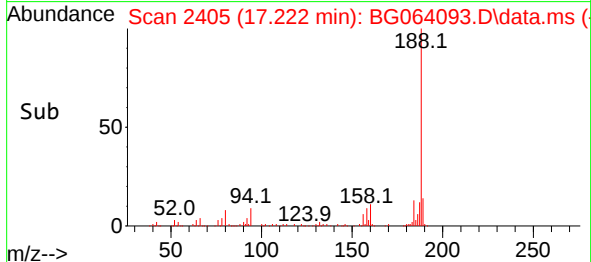
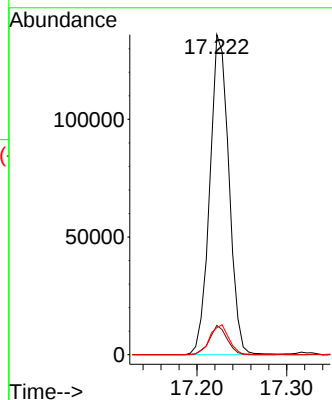
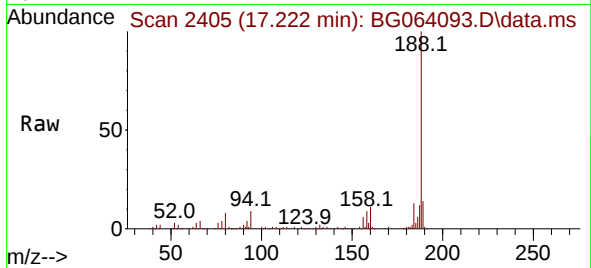




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2407
Delta R.T. -0.008 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

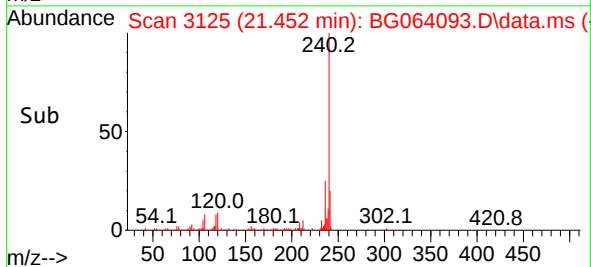
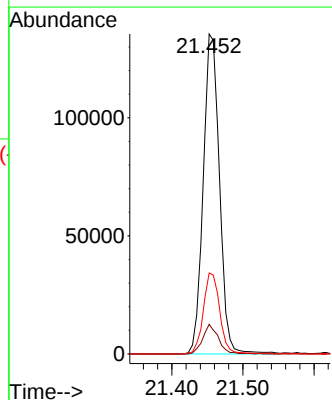
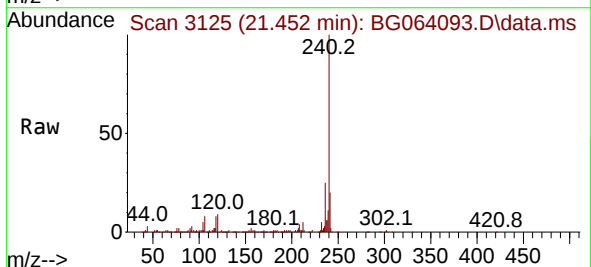
Instrument :
BNA_G
ClientSampleId :
COMP-2

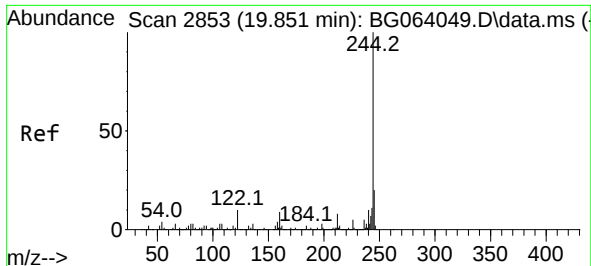
Tgt Ion:188 Resp: 200898
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 8.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG064093.D
Acq: 11 Mar 2025 13:14

Tgt Ion:240 Resp: 215981
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 25.3 20.2 30.2

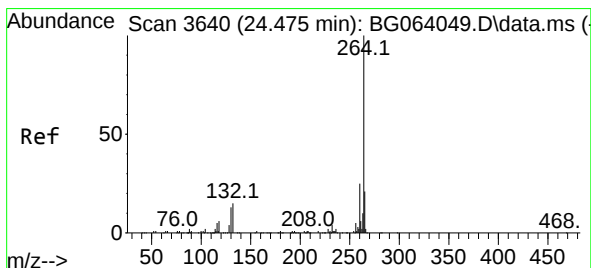
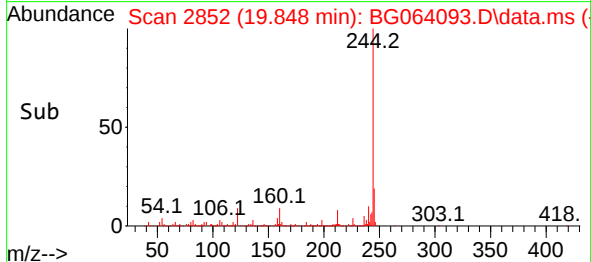
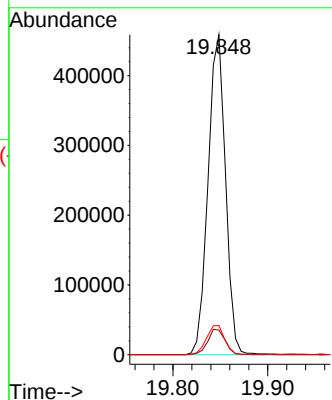
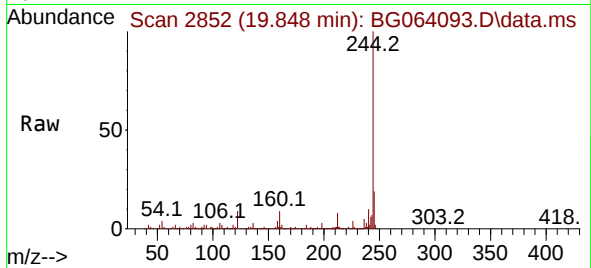




#79
 Terphenyl-d14
 Concen: 54.913 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG064093.D
 Acq: 11 Mar 2025 13:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 586561
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.472 min Scan# 3639
 Delta R.T. -0.002 min
 Lab File: BG064093.D
 Acq: 11 Mar 2025 13:14

Tgt Ion:264 Resp: 236599
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 22.4 16.6 25.0

