

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064095.D
 Acq On : 11 Mar 2025 14:35
 Operator : RC/JU
 Sample : Q1537-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Mar 11 15:18:02 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	34148	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	145706	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	96580	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	210885	20.000	ng	0.00
76) Chrysene-d12	21.457	240	211485	20.000	ng	0.00
86) Perylene-d12	24.471	264	230150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	54804	25.060	ng	0.00
7) Phenol-d6	7.027	99	114847	38.603	ng	0.00
23) Nitrobenzene-d5	9.013	82	113398	43.008	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	19974	18.605	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	281014	44.165	ng	0.00
79) Terphenyl-d14	19.847	244	515236	49.261	ng	0.00

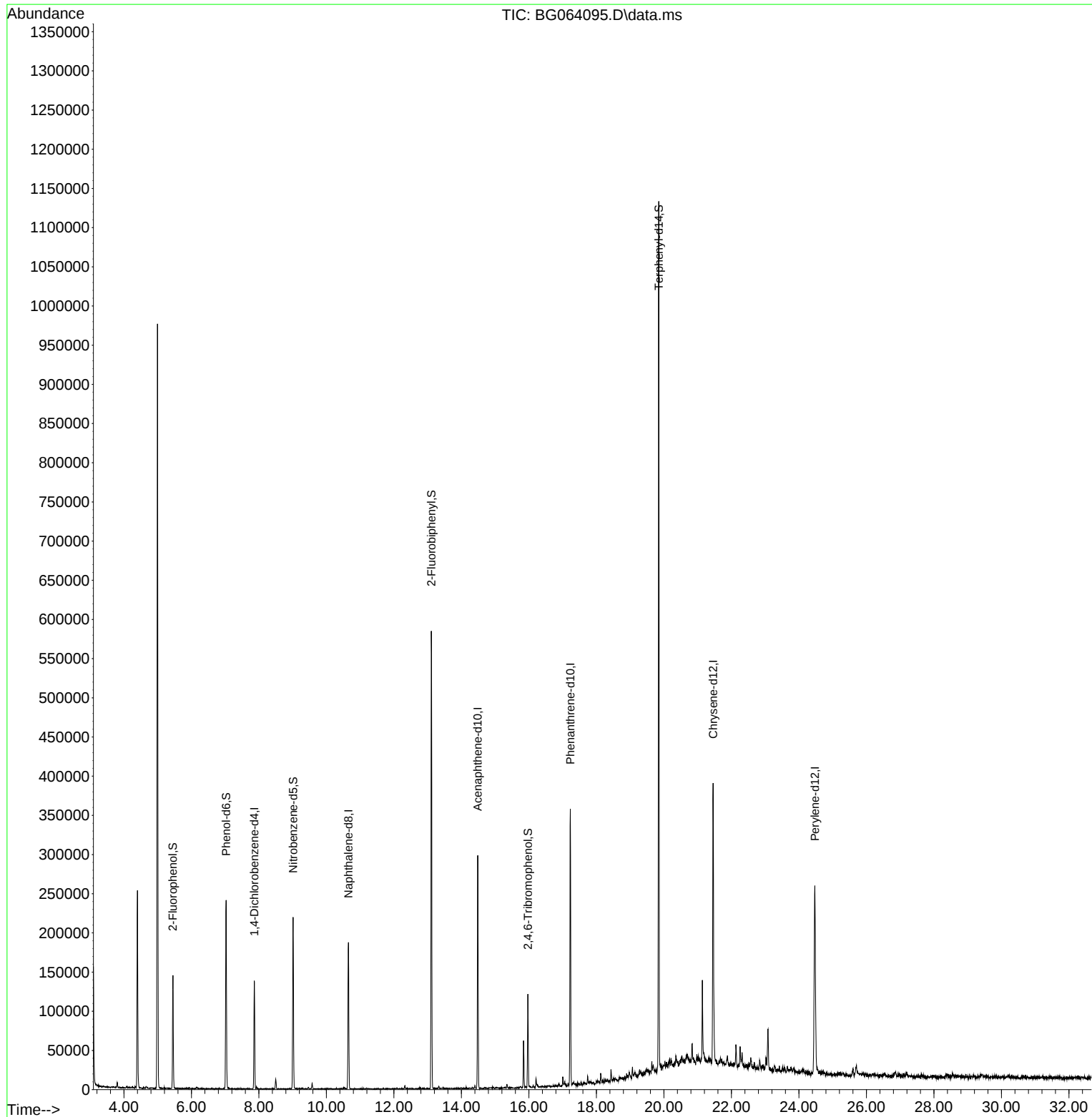
Target Compounds	Qvalue

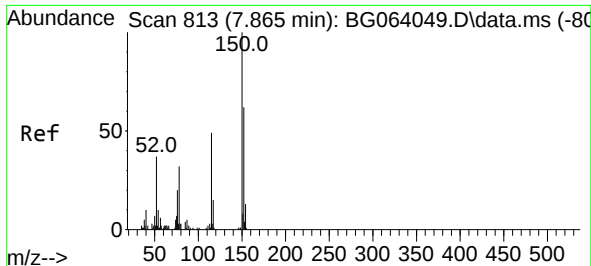
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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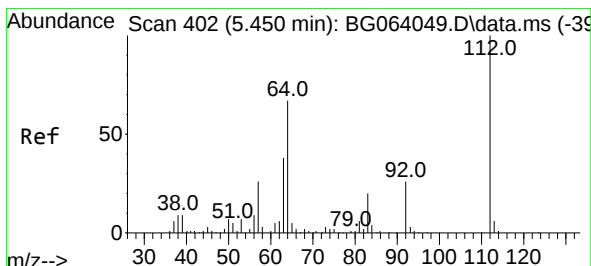
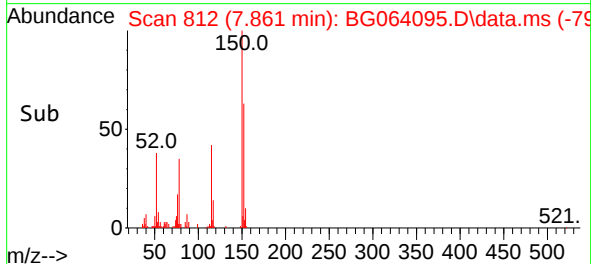
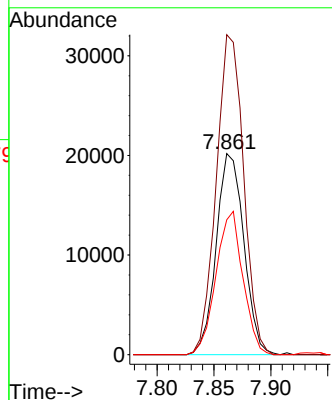
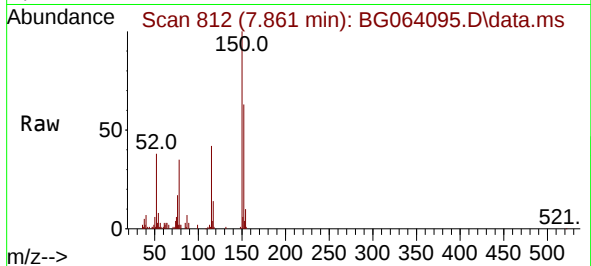




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

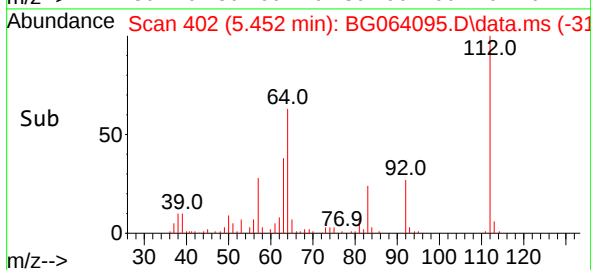
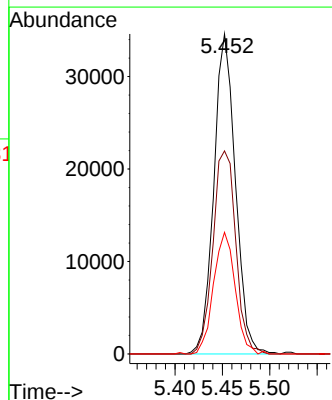
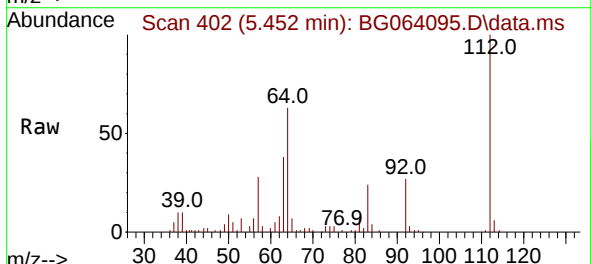
Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 34148
Ion Ratio Lower Upper
152 100
150 159.1 129.2 193.8
115 67.1 63.0 94.6



#5
2-Fluorophenol
Concen: 25.060 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:112 Resp: 54804
Ion Ratio Lower Upper
112 100
64 63.5 53.7 80.5
63 38.0 30.2 45.4

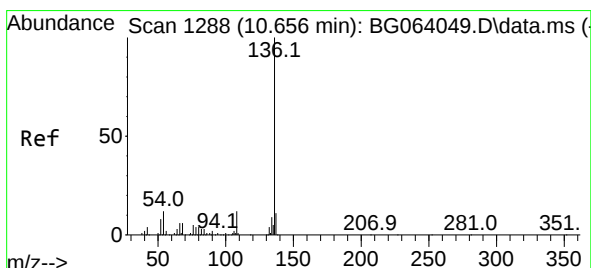
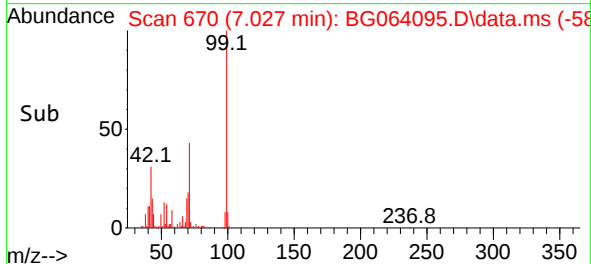
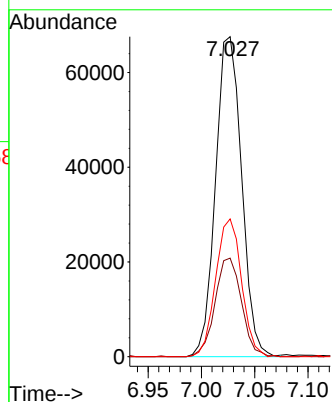
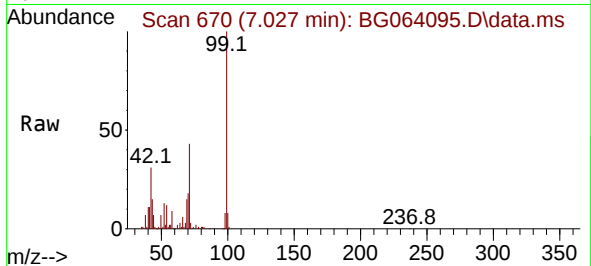




#7
Phenol-d6
Concen: 38.603 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

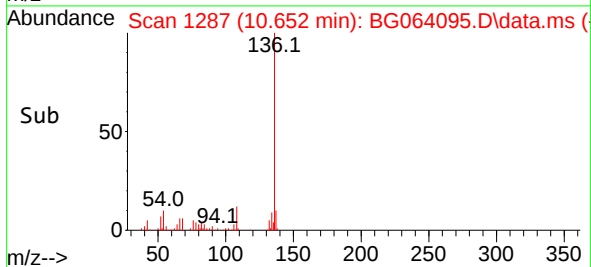
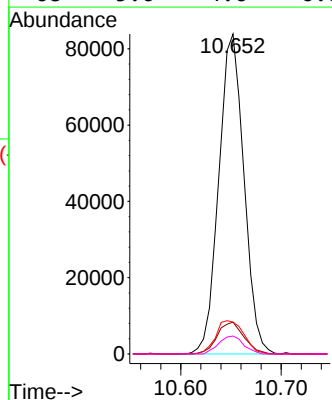
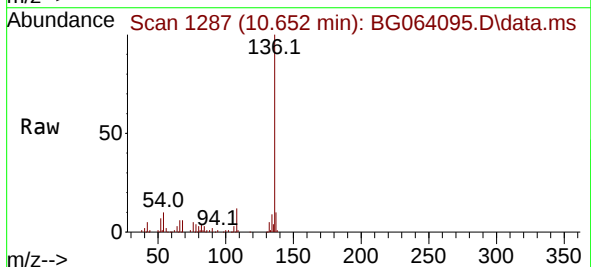
Instrument :
BNA_G
ClientSampleId :
COMP-1

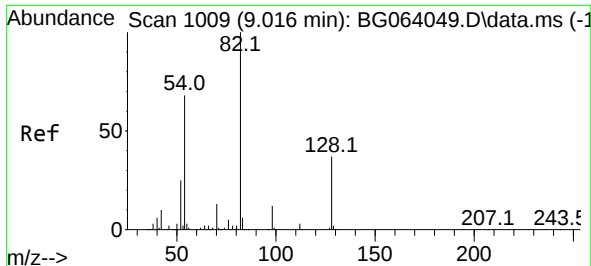
Tgt Ion: 99 Resp: 114847
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 43.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion: 136 Resp: 145706
Ion Ratio Lower Upper
136 100
137 10.0 8.5 12.7
54 9.9 9.9 14.9
68 5.6 4.6 6.8

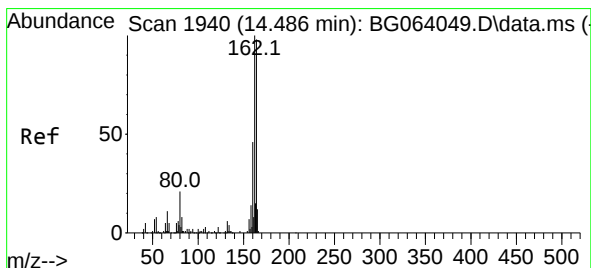
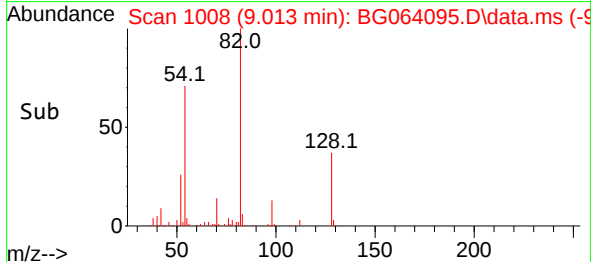
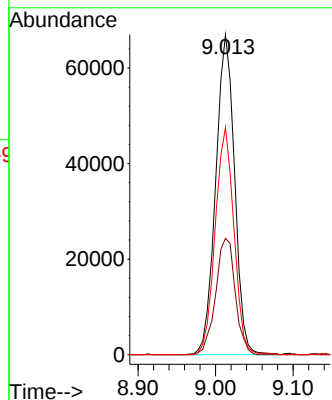
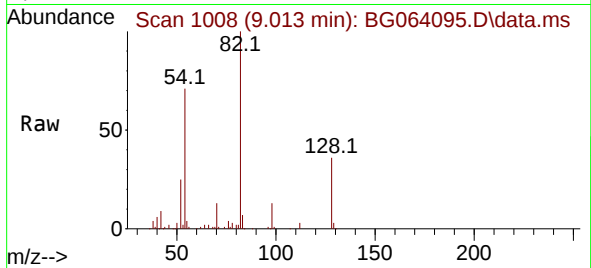




#23
Nitrobenzene-d5
Concen: 43.008 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

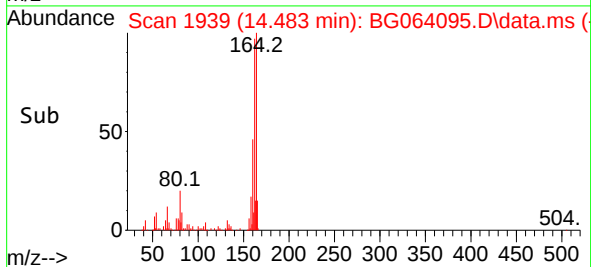
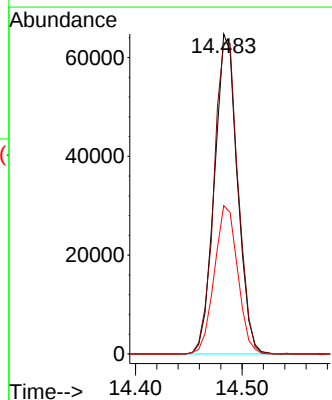
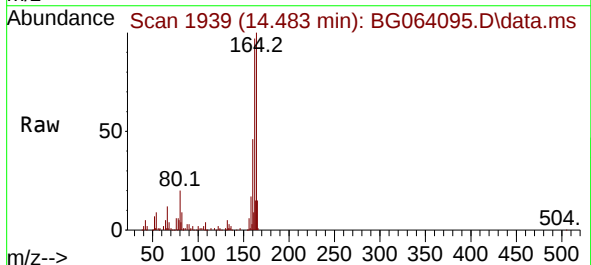
Instrument :
BNA_G
ClientSampleId :
COMP-1

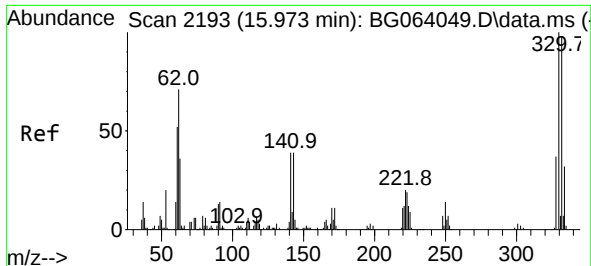
Tgt Ion: 82 Resp: 113398
Ion Ratio Lower Upper
82 100
128 36.3 30.0 45.0
54 71.0 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:164 Resp: 96580
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 46.4 37.0 55.6

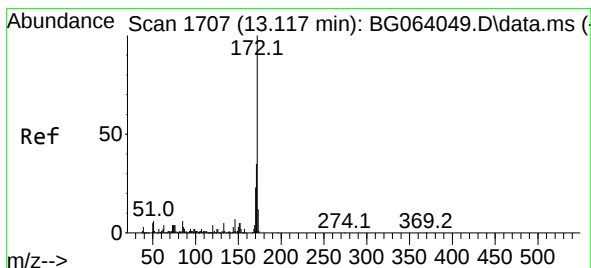
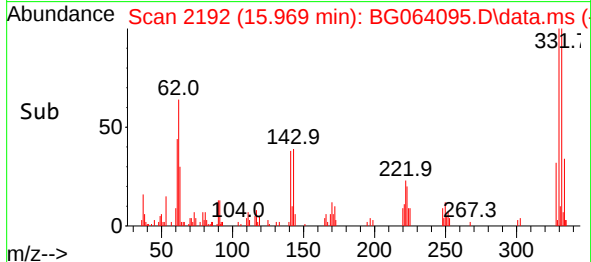
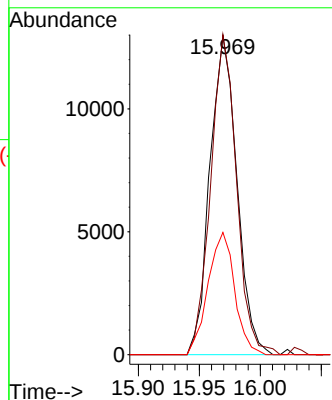
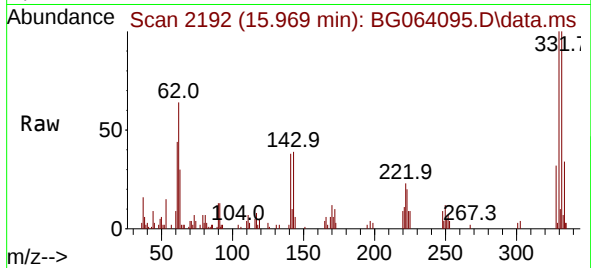




#42
2,4,6-Tribromophenol
Concen: 18.605 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

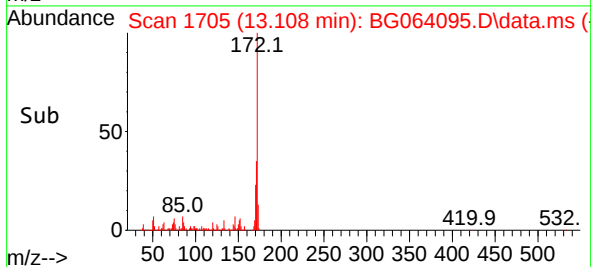
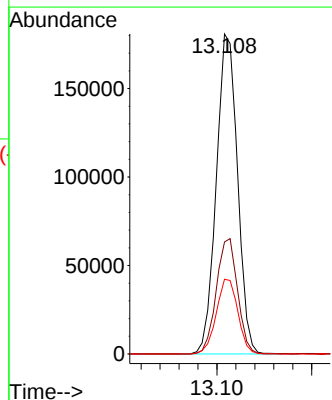
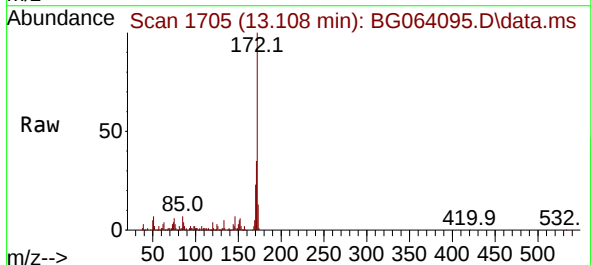
Instrument :
BNA_G
ClientSampleId :
COMP-1

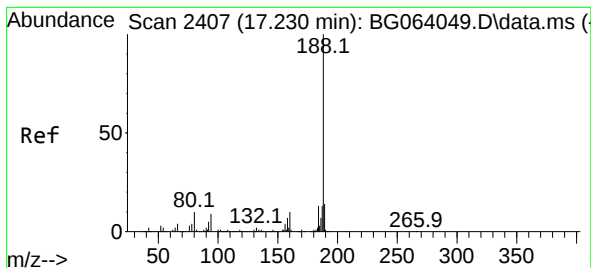
Tgt Ion:330 Resp: 19974
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 37.9 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 44.165 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064095.D
Acq: 11 Mar 2025 14:35

Tgt Ion:172 Resp: 281014
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2406

Delta R.T. -0.003 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

Instrument :

BNA_G

ClientSampleId :

COMP-1

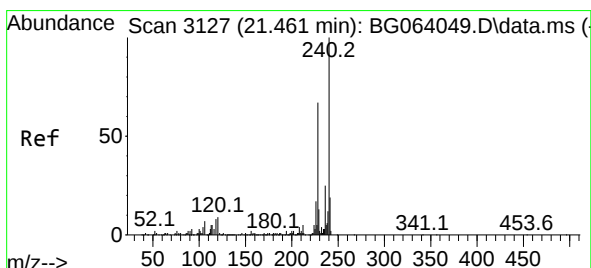
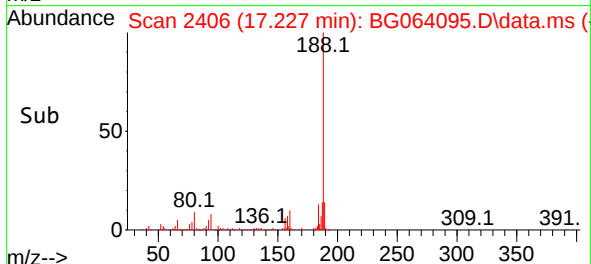
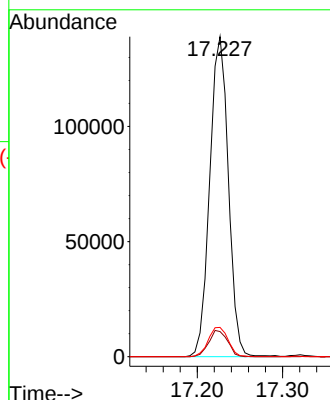
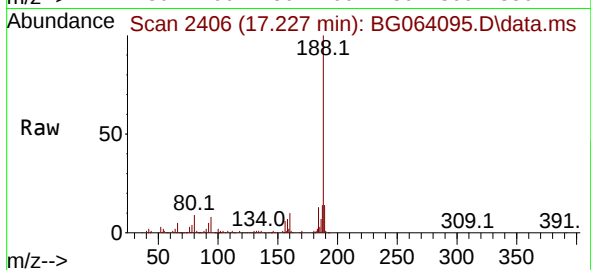
Tgt Ion:188 Resp: 210885

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 9.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG064095.D

Acq: 11 Mar 2025 14:35

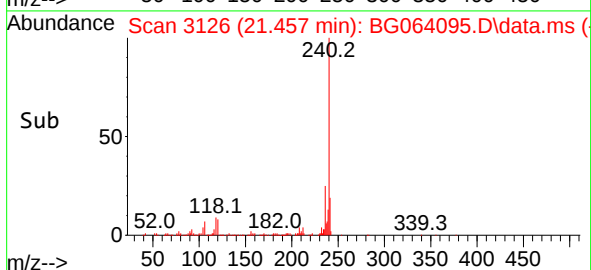
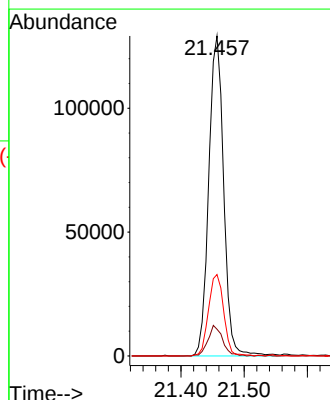
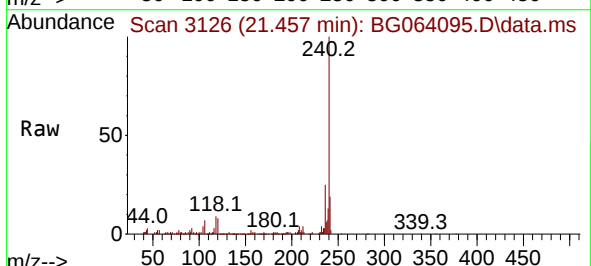
Tgt Ion:240 Resp: 211485

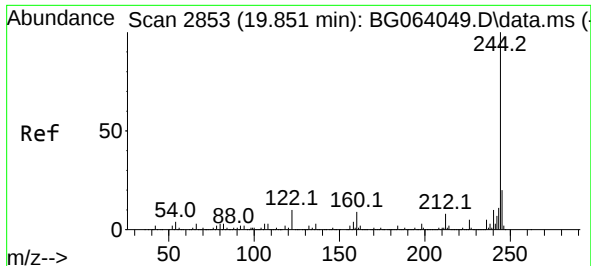
Ion Ratio Lower Upper

240 100

120 8.4 7.2 10.8

236 25.4 20.2 30.2

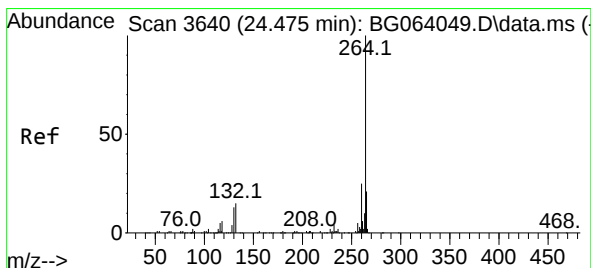
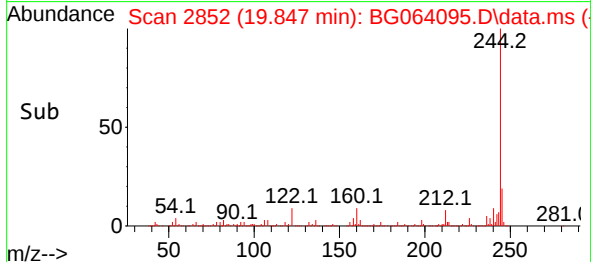
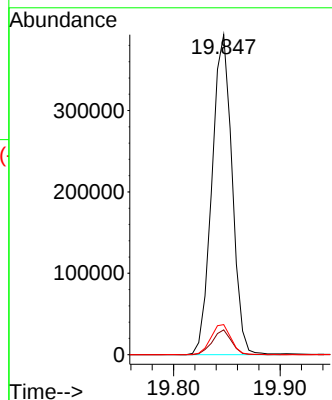
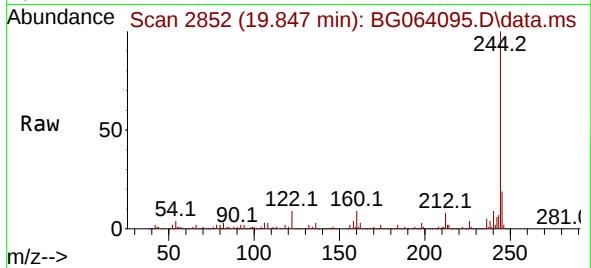




#79
 Terphenyl-d14
 Concen: 49.261 ng
 RT: 19.847 min Scan# 2852
 Delta R.T. -0.004 min
 Lab File: BG064095.D
 Acq: 11 Mar 2025 14:35

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 515236
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.471 min Scan# 3639
 Delta R.T. -0.004 min
 Lab File: BG064095.D
 Acq: 11 Mar 2025 14:35

Tgt Ion:264 Resp: 230150
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.6 16.6 25.0

