

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064094.D
 Acq On : 11 Mar 2025 13:55
 Operator : RC/JU
 Sample : Q1537-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Mar 11 14:35:17 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	7.859	152	33598	20.000	ng	# 0.00
21) Naphthalene-d8	10.650	136	146972	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	96180	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	208186	20.000	ng	0.00
76) Chrysene-d12	21.455	240	229064	20.000	ng	0.00
86) Perylene-d12	24.469	264	248652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	122236	56.808	ng	0.00
7) Phenol-d6	7.025	99	181803	62.109	ng	0.00
23) Nitrobenzene-d5	9.011	82	137438	51.677	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	59088	55.268	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	314554	49.642	ng	0.00
79) Terphenyl-d14	19.845	244	563658	49.755	ng	0.00

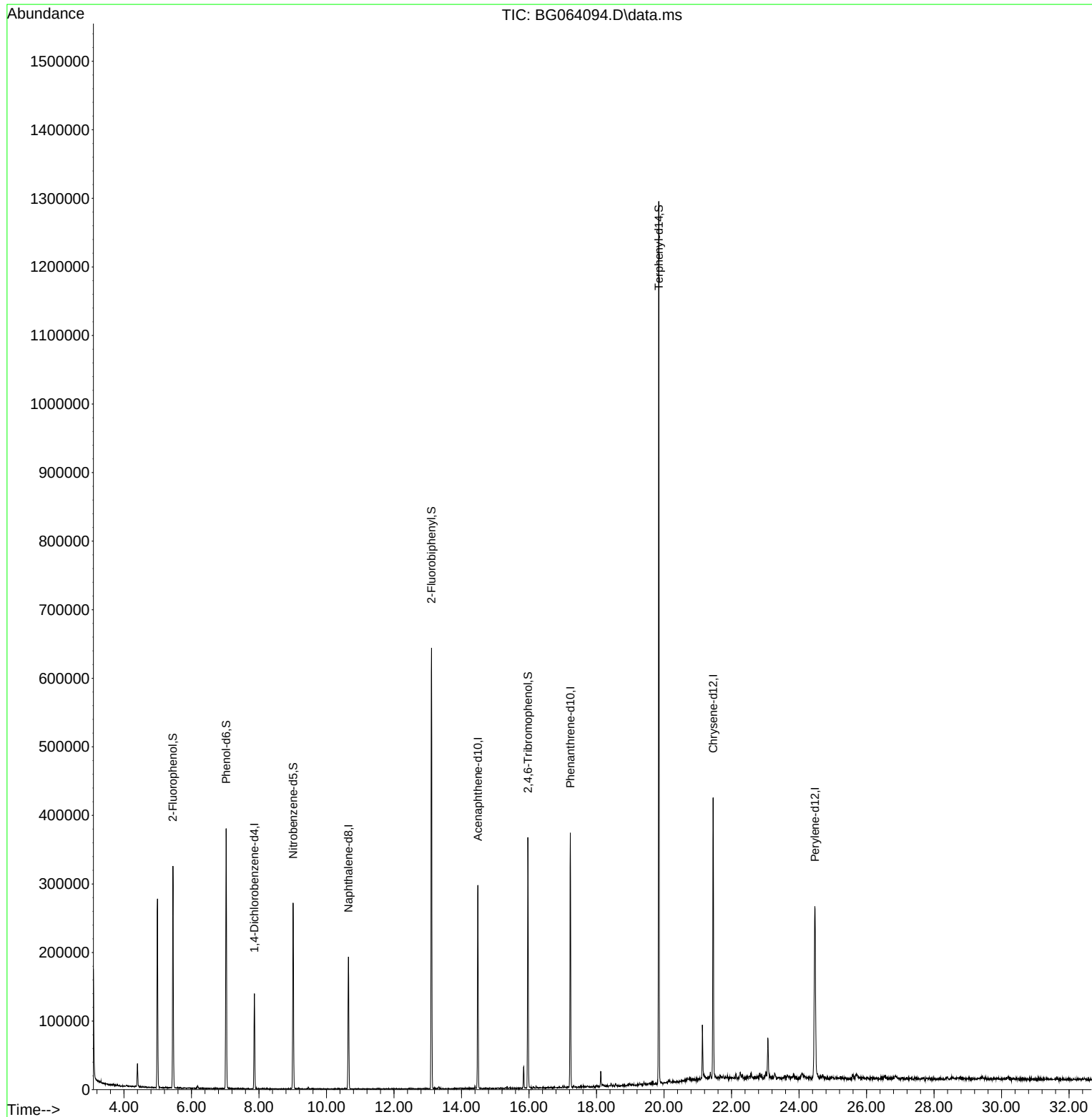
Target Compounds	Qvalue

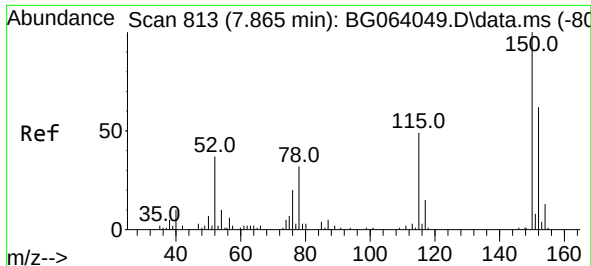
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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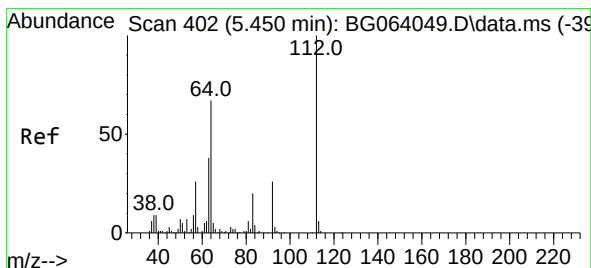
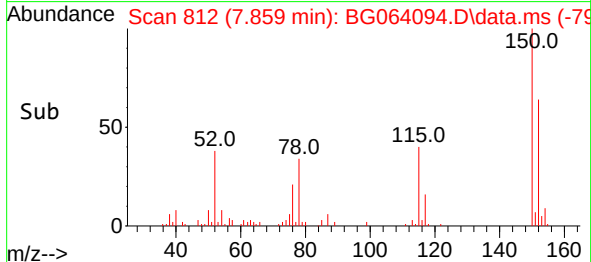
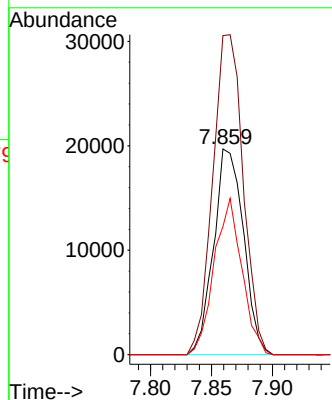
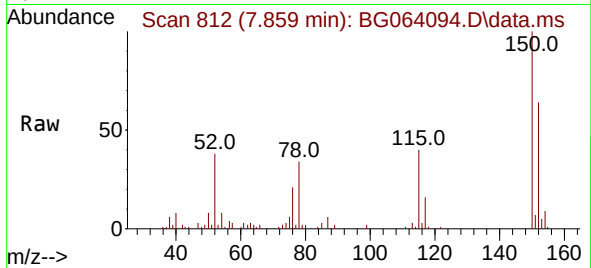




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

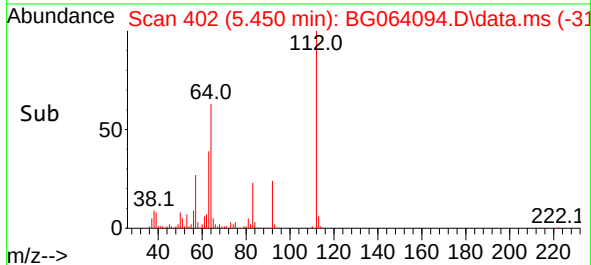
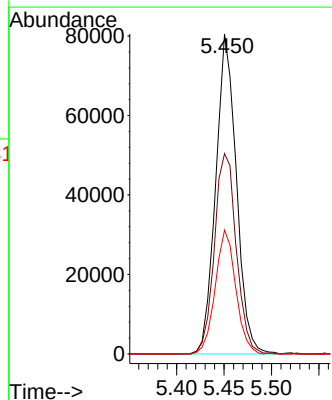
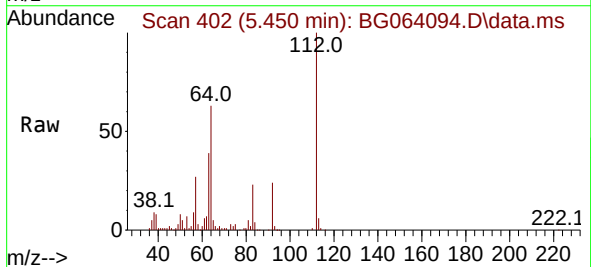
Instrument :
BNA_G
ClientSampleId :
COMP-3

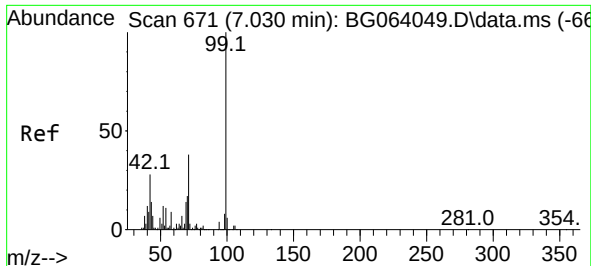
Tgt Ion:152 Resp: 33598
Ion Ratio Lower Upper
152 100
150 155.1 129.2 193.8
115 62.2 63.0 94.6#



#5
2-Fluorophenol
Concen: 56.808 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:112 Resp: 122236
Ion Ratio Lower Upper
112 100
64 62.6 53.7 80.5
63 38.7 30.2 45.4

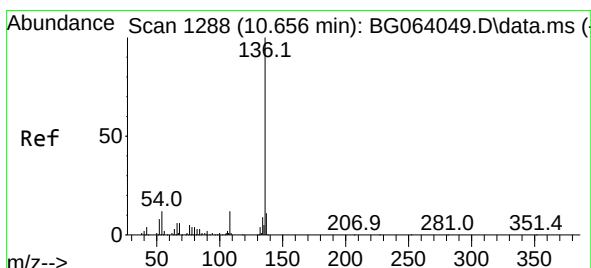
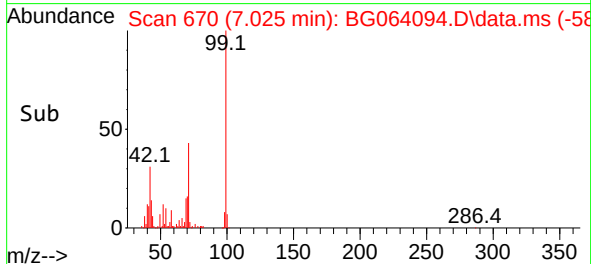
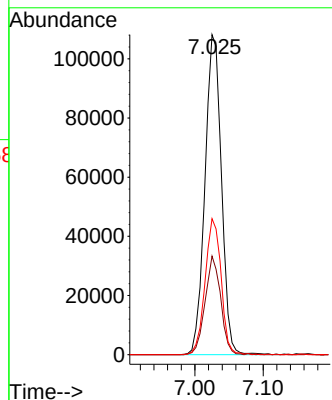
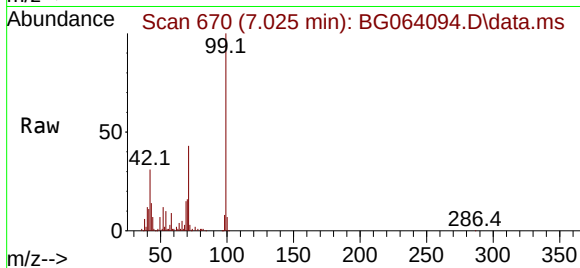




#7
Phenol-d6
Concen: 62.109 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

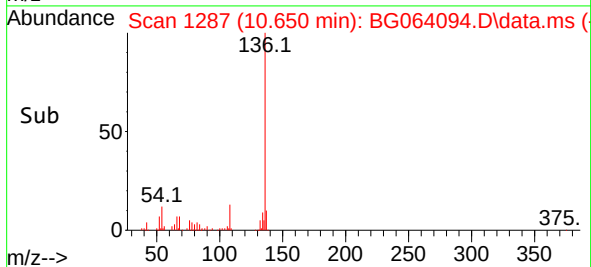
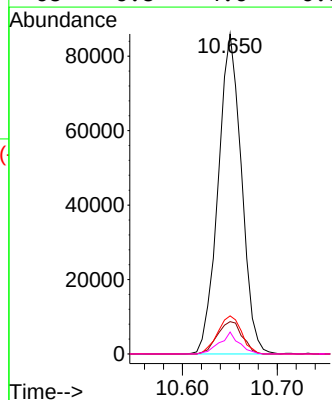
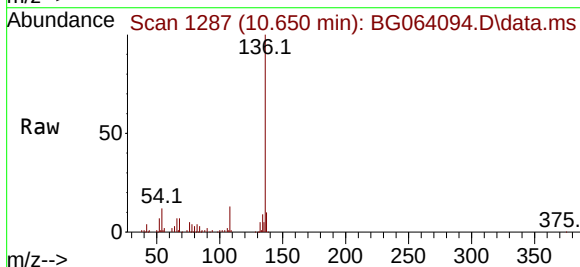
Instrument :
BNA_G
ClientSampleId :
COMP-3

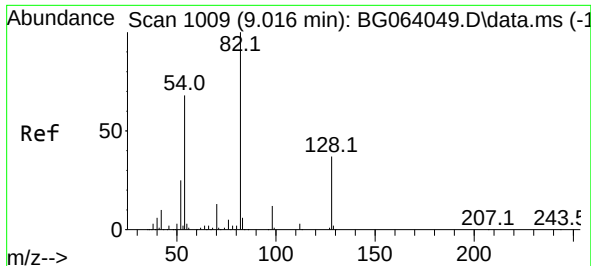
Tgt Ion: 99 Resp: 181803
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 42.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion: 136 Resp: 146972
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 11.9 9.9 14.9
68 6.8 4.6 6.8#

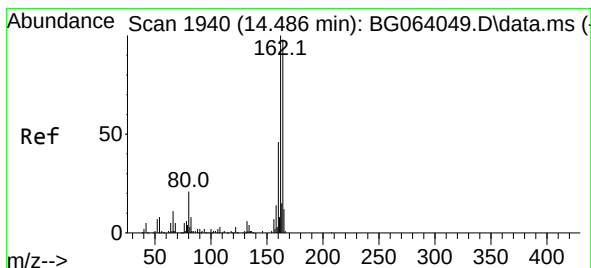
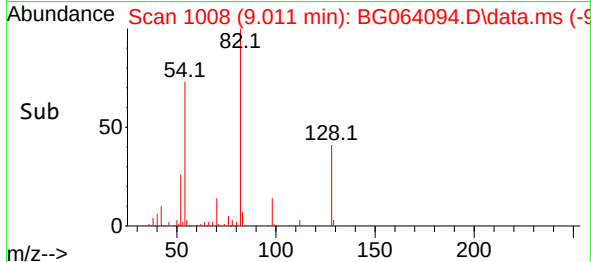
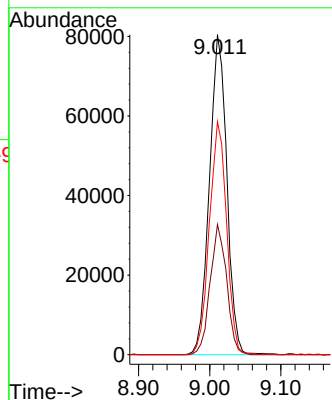
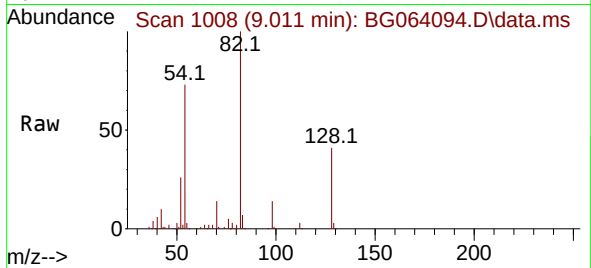




#23
Nitrobenzene-d5
Concen: 51.677 ng
RT: 9.011 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

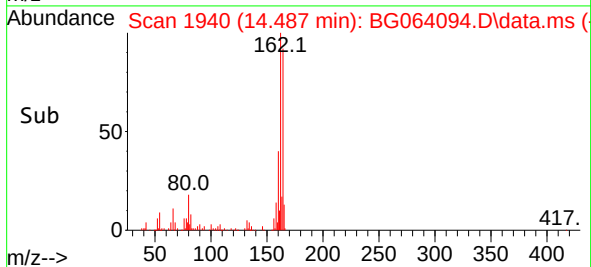
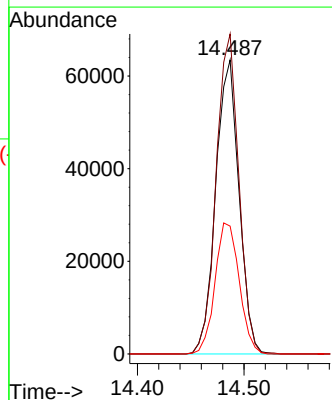
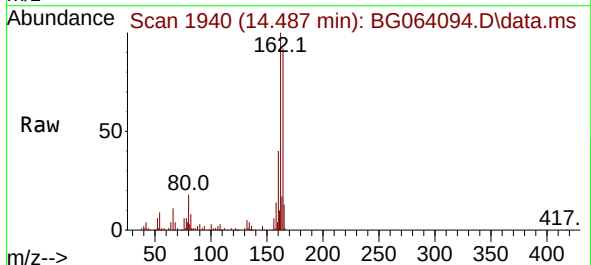
Instrument :
BNA_G
ClientSampleId :
COMP-3

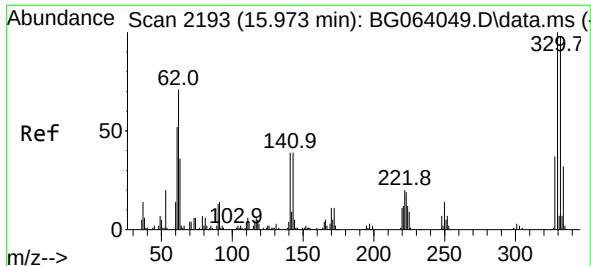
Tgt Ion: 82 Resp: 137438
Ion Ratio Lower Upper
82 100
128 40.7 30.0 45.0
54 72.8 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:164 Resp: 96180
Ion Ratio Lower Upper
164 100
162 108.8 81.4 122.0
160 43.4 37.0 55.6

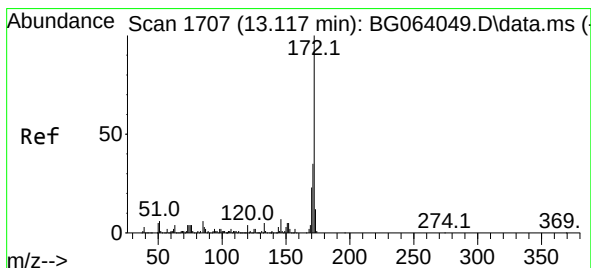
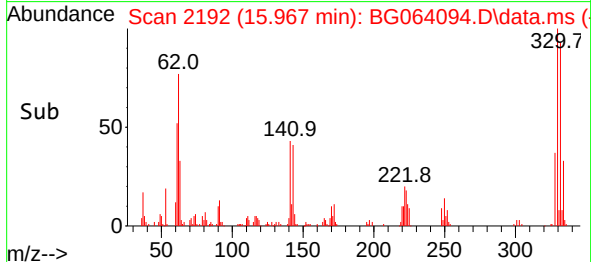
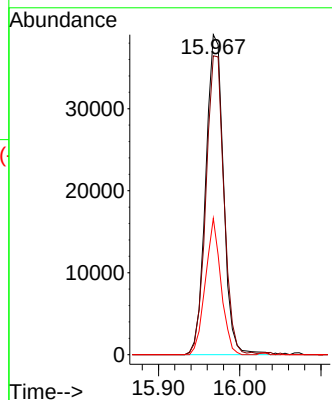
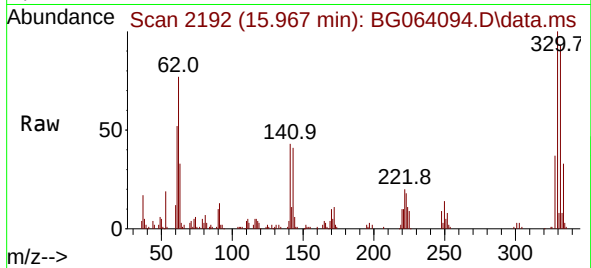




#42
2,4,6-Tribromophenol
Concen: 55.268 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

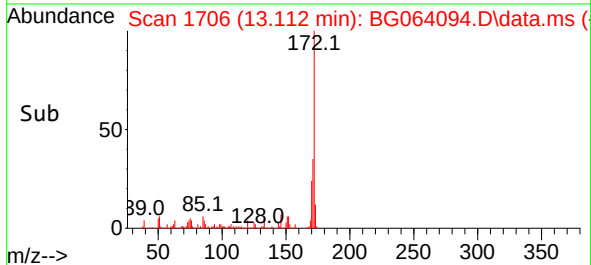
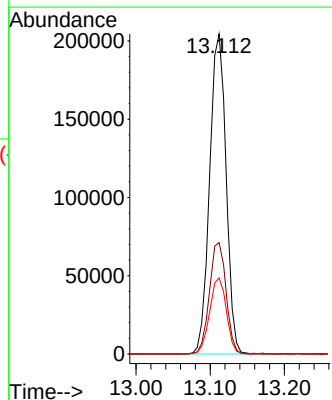
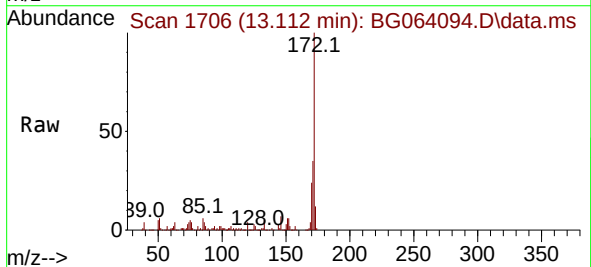
Instrument :
BNA_G
ClientSampleId :
COMP-3

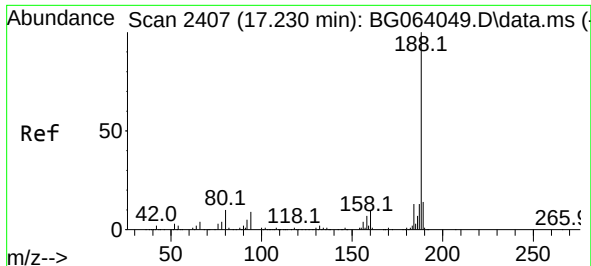
Tgt Ion:330 Resp: 59088
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 37.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 49.642 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:172 Resp: 314554
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.8 18.7 28.1

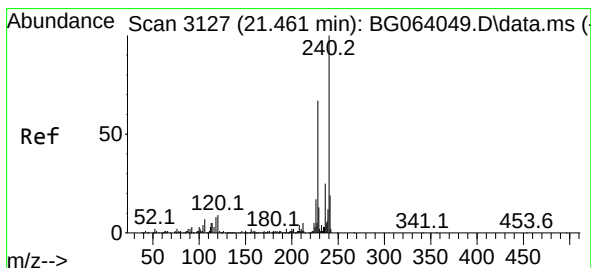
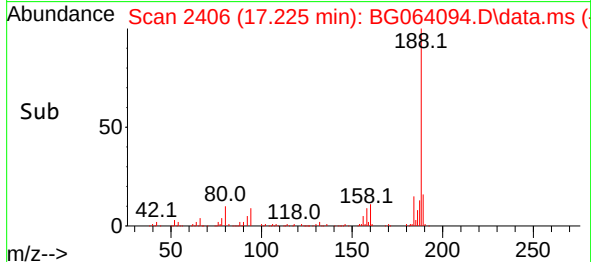
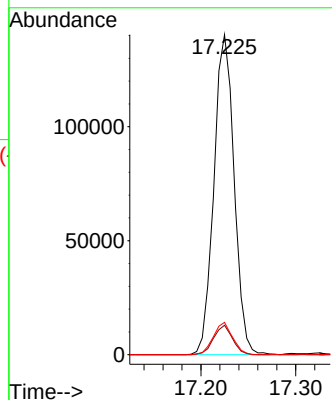
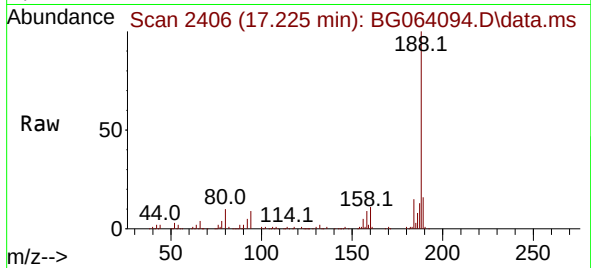




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

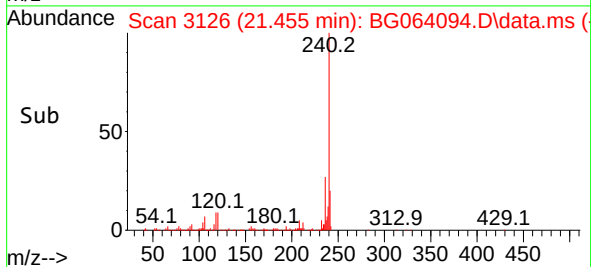
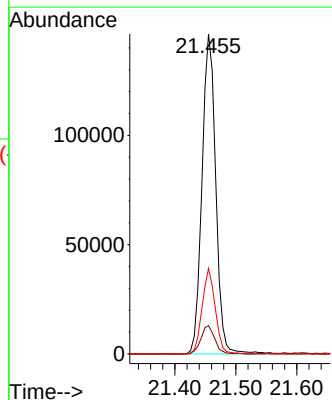
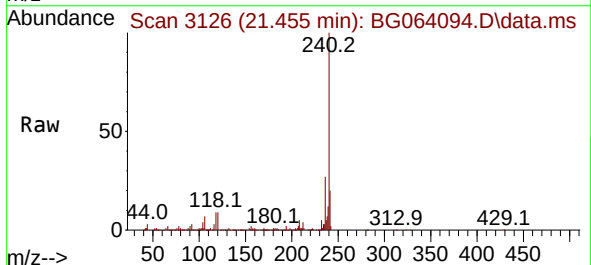
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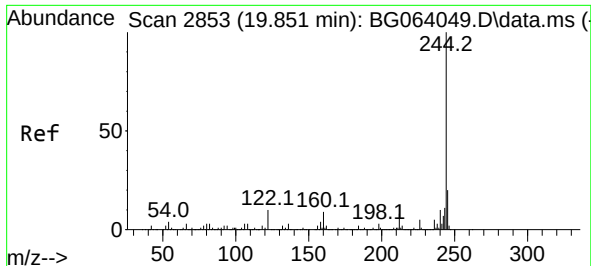
Tgt Ion:188 Resp: 208186
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG064094.D
Acq: 11 Mar 2025 13:55

Tgt Ion:240 Resp: 229064
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 26.8 20.2 30.2

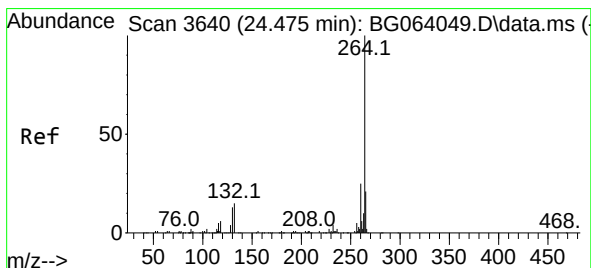
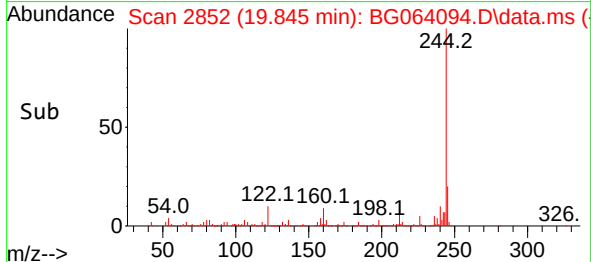
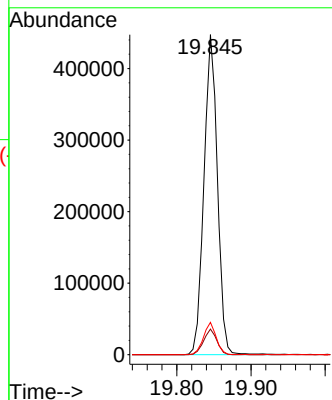
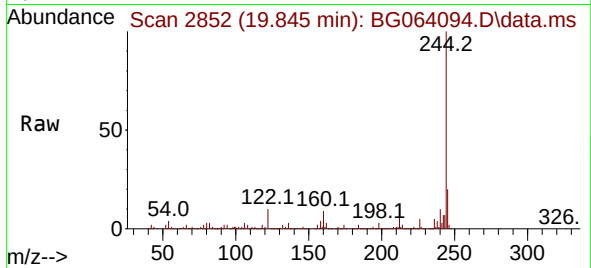




#79
 Terphenyl-d14
 Concen: 49.755 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064094.D
 Acq: 11 Mar 2025 13:55

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 563658
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.469 min Scan# 3639
 Delta R.T. -0.005 min
 Lab File: BG064094.D
 Acq: 11 Mar 2025 13:55

Tgt Ion:264 Resp: 248652
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 21.9 16.6 25.0

