

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064679.D
 Acq On : 3 Nov 2025 19:22
 Operator : RC/JU
 Sample : Q3368-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-DUMPSTER

Quant Time: Nov 04 00:45:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	32222	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	127372	20.000	ng	#-0.01
39) Acenaphthene-d10	14.833	164	98614	20.000	ng	-0.01
64) Phenanthrene-d10	17.565	188	238888	20.000	ng	-0.02
76) Chrysene-d12	21.837	240	293208	20.000	ng	#-0.02
86) Perylene-d12	25.174	264	327869	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	222178	115.736	ng	0.00
7) Phenol-d6	7.348	99	271792	103.177	ng	0.00
23) Nitrobenzene-d5	9.375	82	197981	93.358	ng	-0.01
42) 2,4,6-Tribromophenol	16.308	330	223022	156.694	ng	-0.01
45) 2-Fluorobiphenyl	13.458	172	537609	82.633	ng	-0.02
79) Terphenyl-d14	20.156	244	1033316	66.507	ng	-0.02

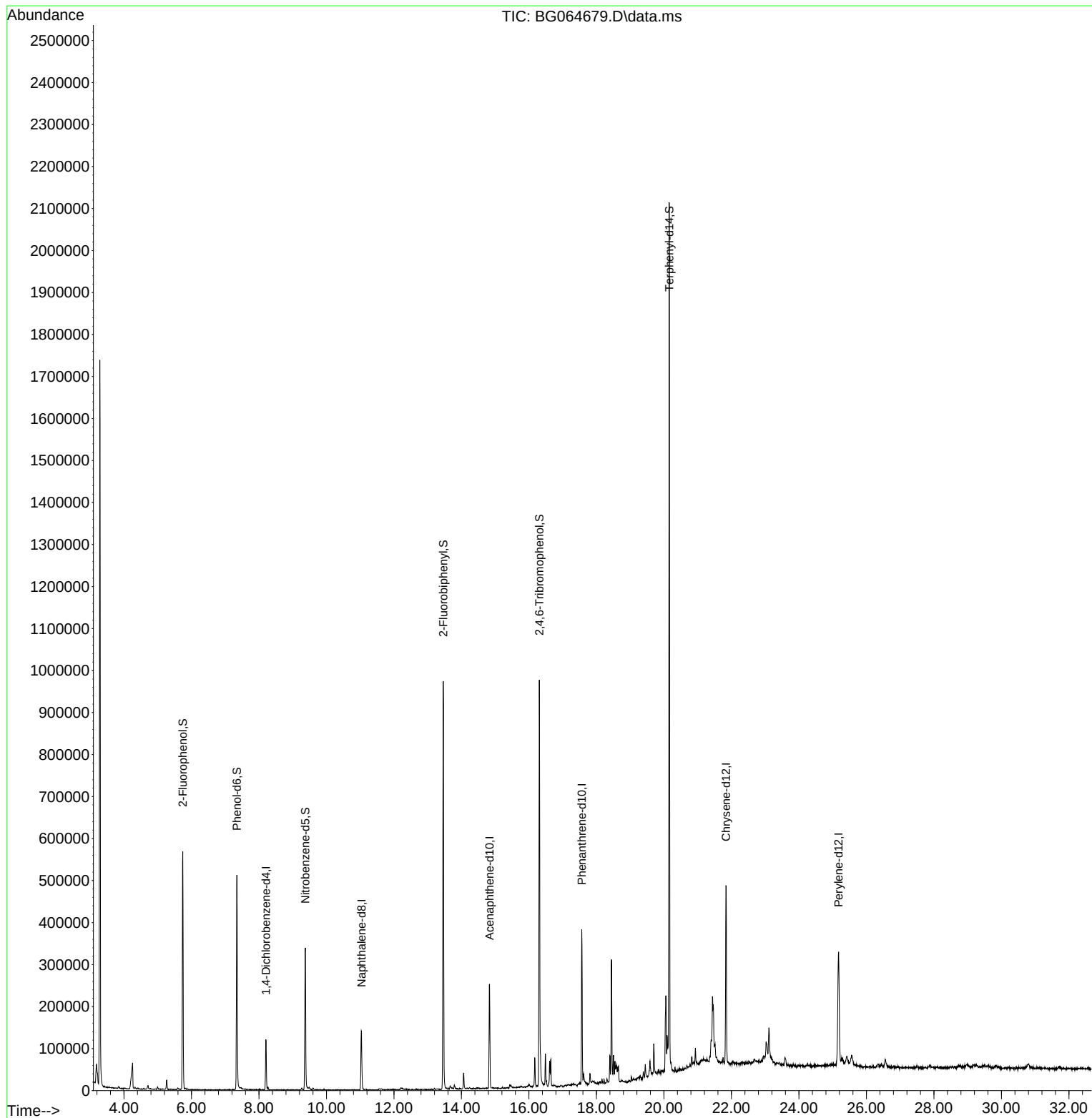
Target Compounds	Qvalue

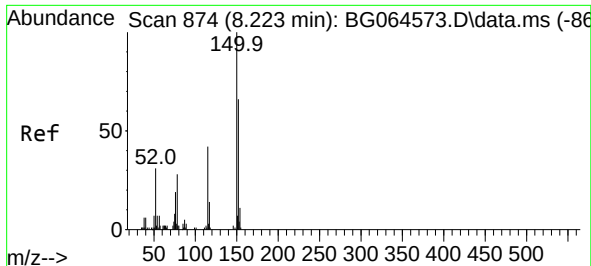
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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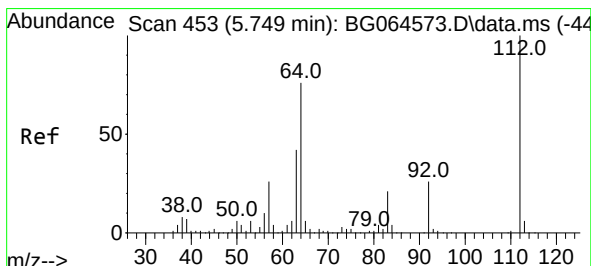
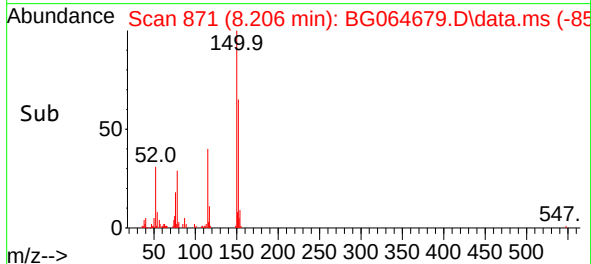
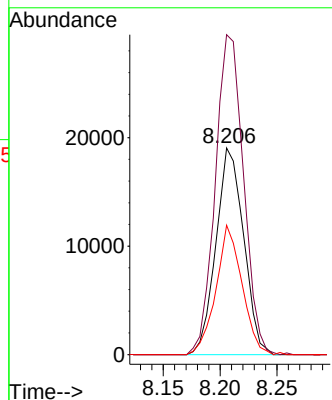
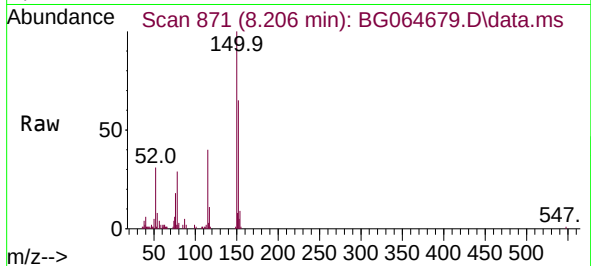




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

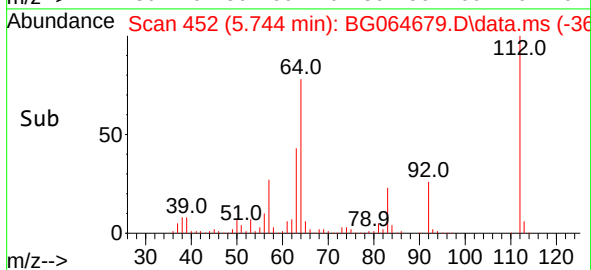
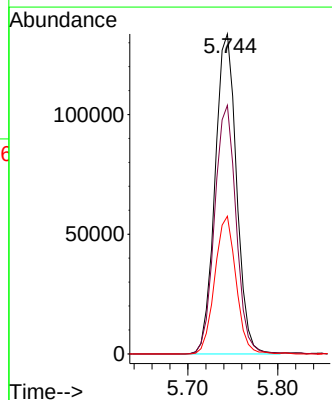
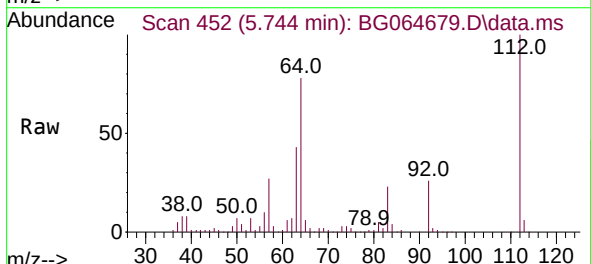
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

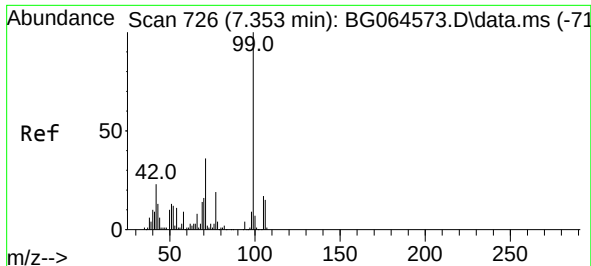
Tgt Ion:152 Resp: 32222
Ion Ratio Lower Upper
152 100
150 154.9 122.2 183.4
115 62.6 50.8 76.2



#5
2-Fluorophenol
Concen: 115.736 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.005 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:112 Resp: 222178
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 43.0 33.4 50.0

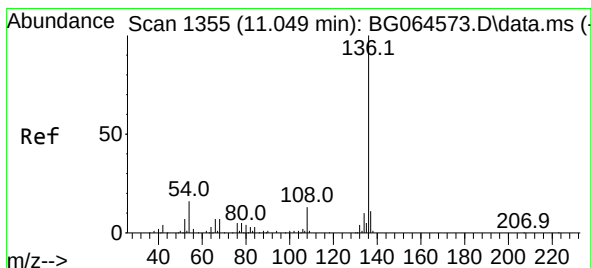
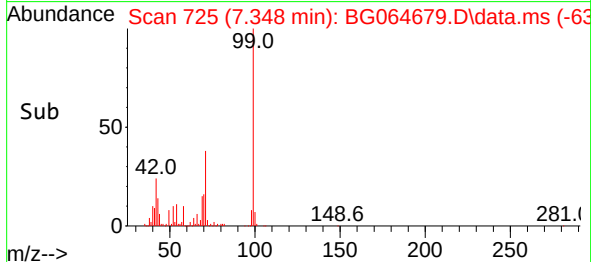
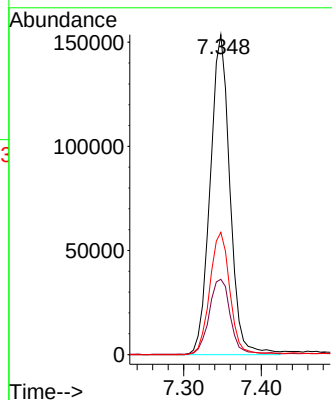
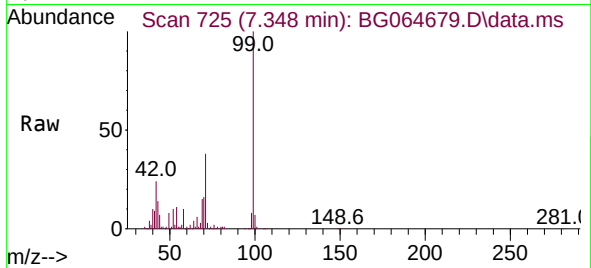




#7
Phenol-d6
Concen: 103.177 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

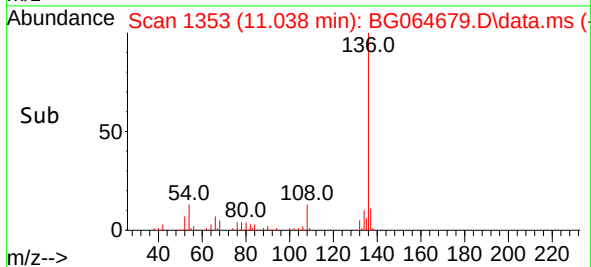
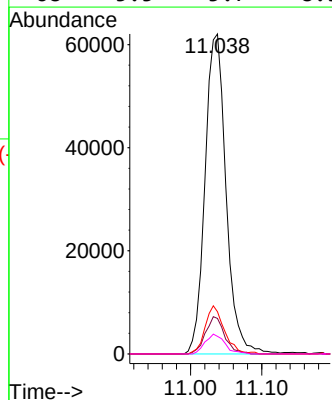
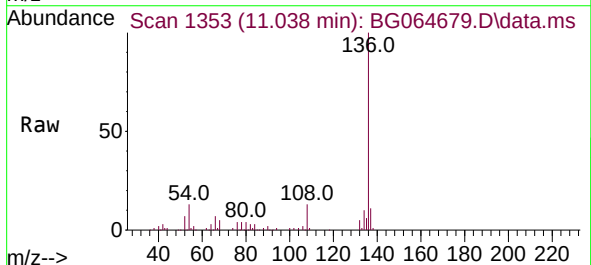
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

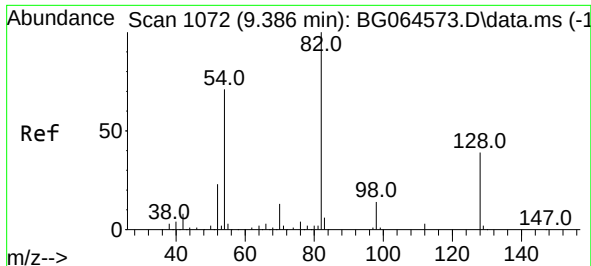
Tgt Ion: 99 Resp: 271792
Ion Ratio Lower Upper
99 100
42 23.5 18.3 27.5
71 38.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion: 136 Resp: 127372
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 13.2 12.6 19.0
68 5.5 5.7 8.5#

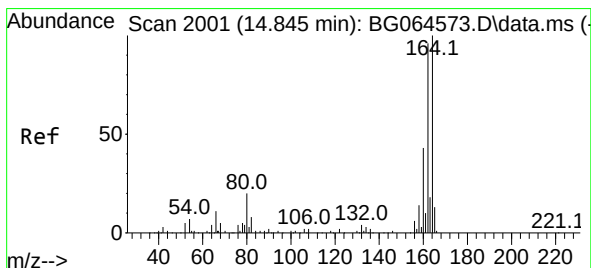
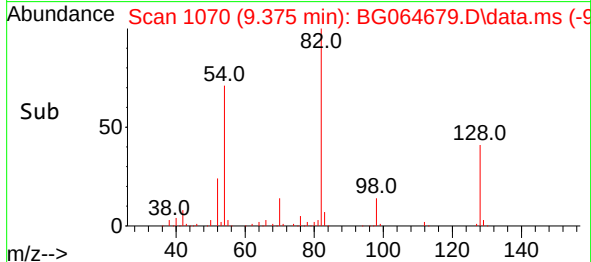
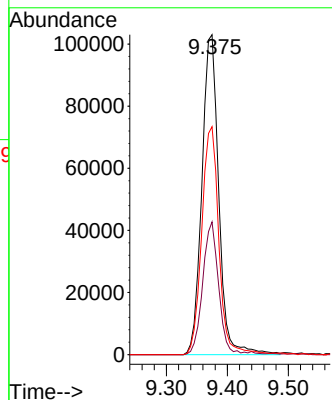
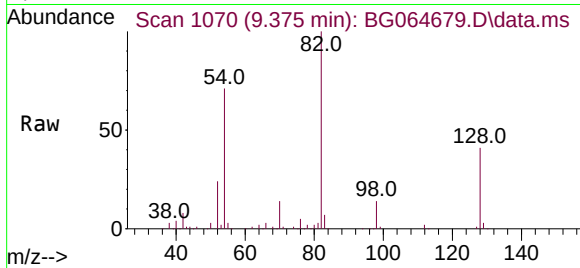




#23
Nitrobenzene-d5
Concen: 93.358 ng
RT: 9.375 min Scan# 10
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

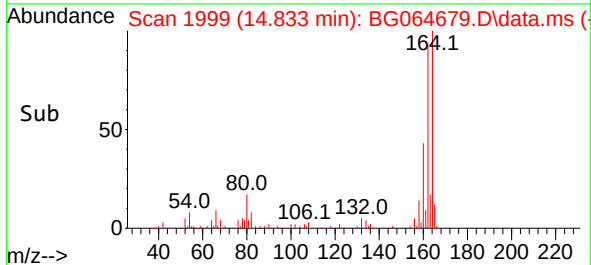
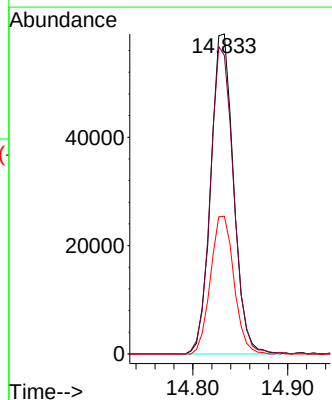
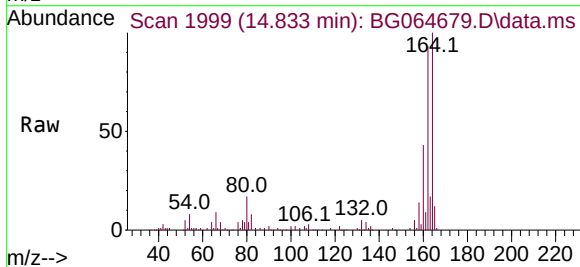
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

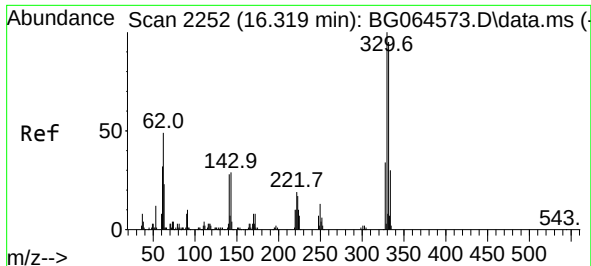
Tgt Ion: 82 Resp: 197981
Ion Ratio Lower Upper
82 100
128 41.5 31.3 46.9
54 71.3 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion: 164 Resp: 98614
Ion Ratio Lower Upper
164 100
162 93.3 77.0 115.6
160 43.0 34.4 51.6

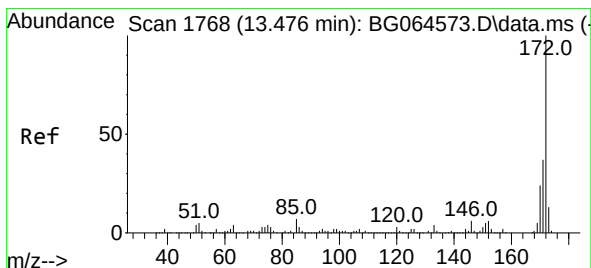
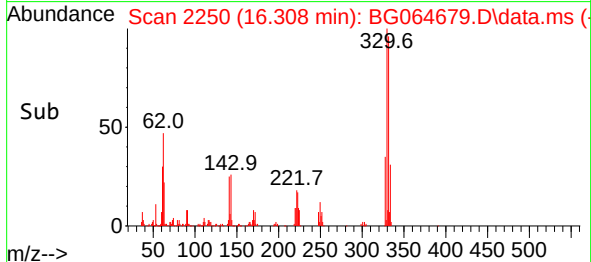
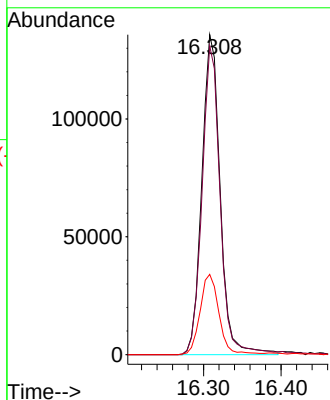
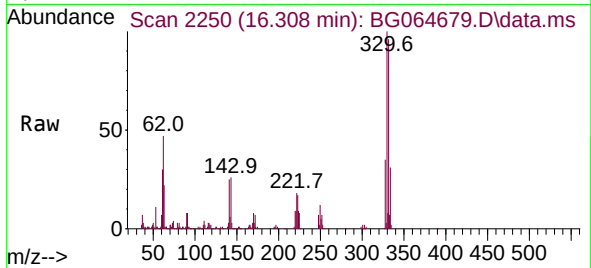




#42
2,4,6-Tribromophenol
Concen: 156.694 ng
RT: 16.308 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

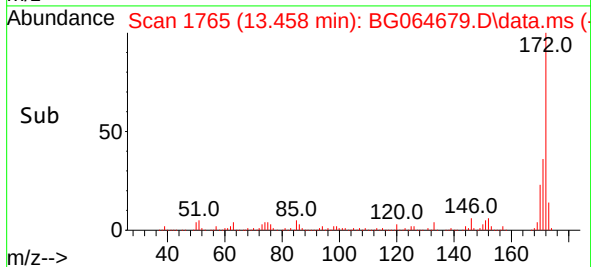
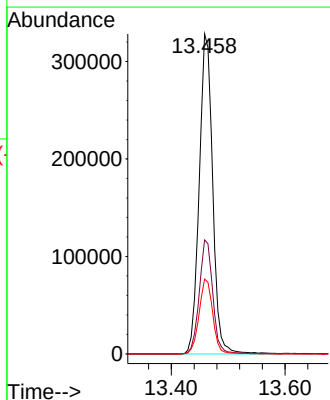
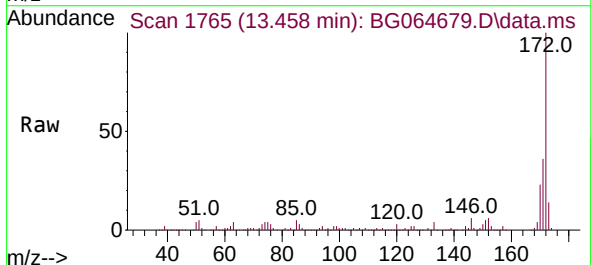
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTER

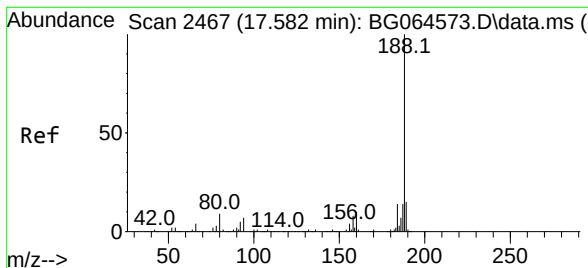
Tgt Ion:330 Resp: 223022
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 25.9 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 82.633 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BG064679.D
Acq: 3 Nov 2025 19:22

Tgt Ion:172 Resp: 537609
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.565 min Scan# 2464

Delta R.T. -0.017 min

Lab File: BG064679.D

Acq: 3 Nov 2025 19:22

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-DUMPSTER

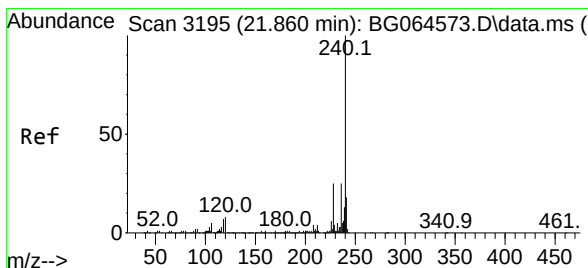
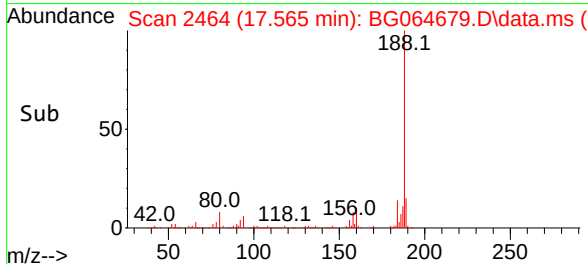
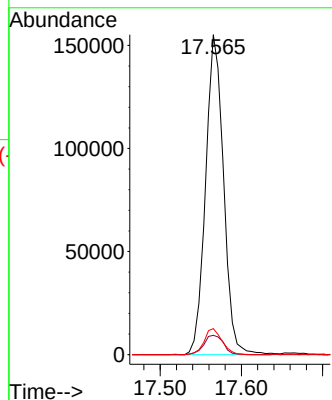
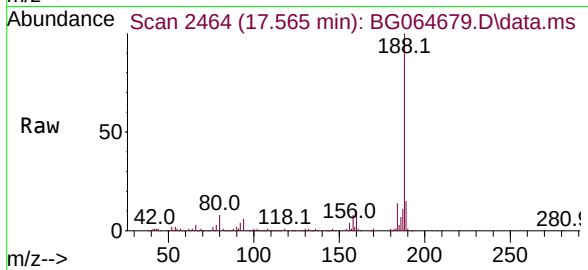
Tgt Ion:188 Resp: 238888

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 8.1 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.837 min Scan# 3191

Delta R.T. -0.023 min

Lab File: BG064679.D

Acq: 3 Nov 2025 19:22

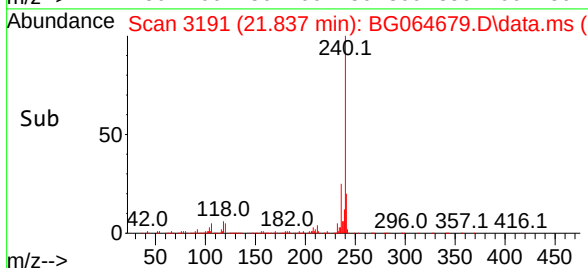
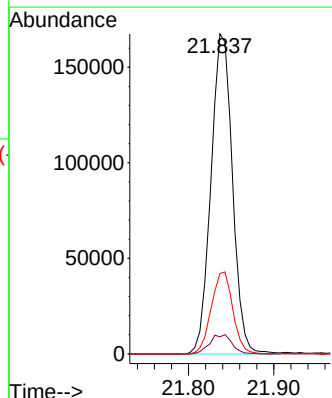
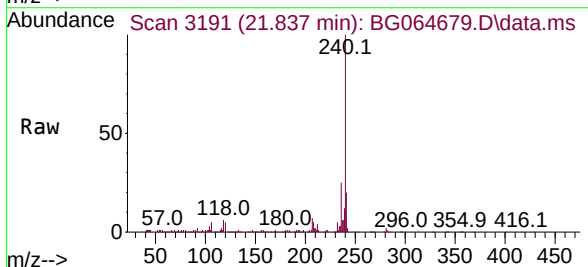
Tgt Ion:240 Resp: 293208

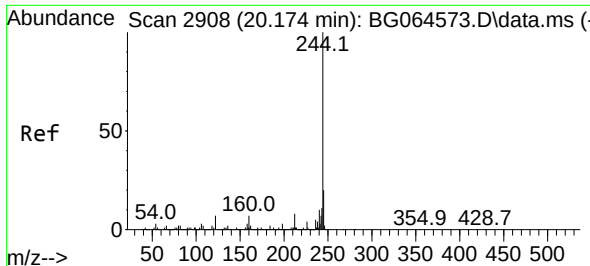
Ion Ratio Lower Upper

240 100

120 5.3 6.5 9.7#

236 25.1 20.2 30.2



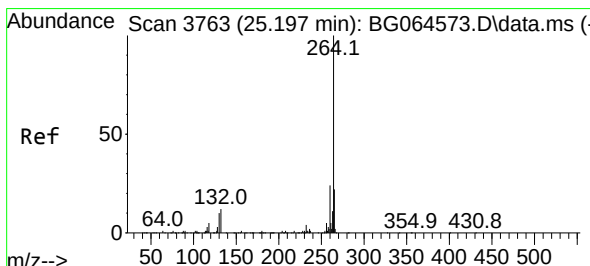
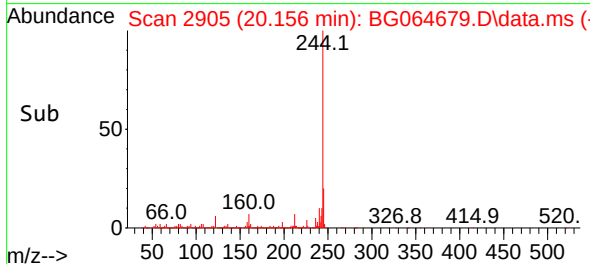
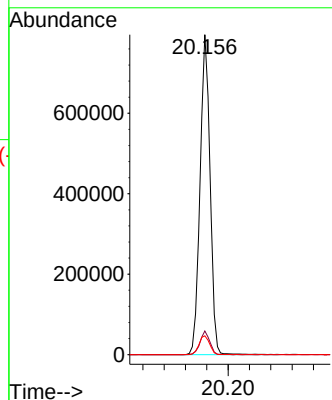
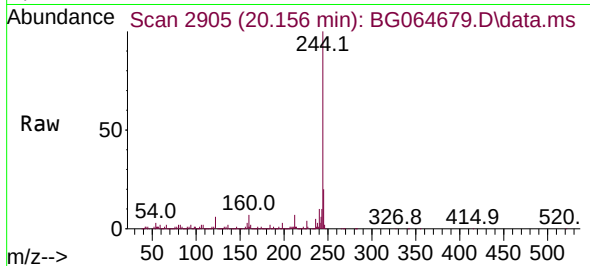


#79
 Terphenyl-d14
 Concen: 66.507 ng
 RT: 20.156 min Scan# 2905
 Delta R.T. -0.017 min
 Lab File: BG064679.D
 Acq: 3 Nov 2025 19:22

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1033316

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	5.9	5.6	8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 3759
 Delta R.T. -0.023 min
 Lab File: BG064679.D
 Acq: 3 Nov 2025 19:22

Tgt Ion:264 Resp: 327869

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.0	17.6	26.4

