

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064682.D
 Acq On : 3 Nov 2025 21:24
 Operator : RC/JU
 Sample : Q3399-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 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	8.209	152	32053	20.000	ng	-0.01
21) Naphthalene-d8	11.035	136	122752	20.000	ng	-0.01
39) Acenaphthene-d10	14.831	164	95326	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	251613	20.000	ng	-0.01
76) Chrysene-d12	21.840	240	301190	20.000	ng	#-0.02
86) Perylene-d12	25.171	264	331540	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.741	112	170063	89.056	ng	0.00
7) Phenol-d6	7.345	99	239763	91.498	ng	0.00
23) Nitrobenzene-d5	9.372	82	151636	74.196	ng	-0.01
42) 2,4,6-Tribromophenol	16.311	330	142623	103.662	ng	0.00
45) 2-Fluorobiphenyl	13.462	172	405682	64.506	ng	-0.01
79) Terphenyl-d14	20.160	244	985779	61.766	ng	-0.01

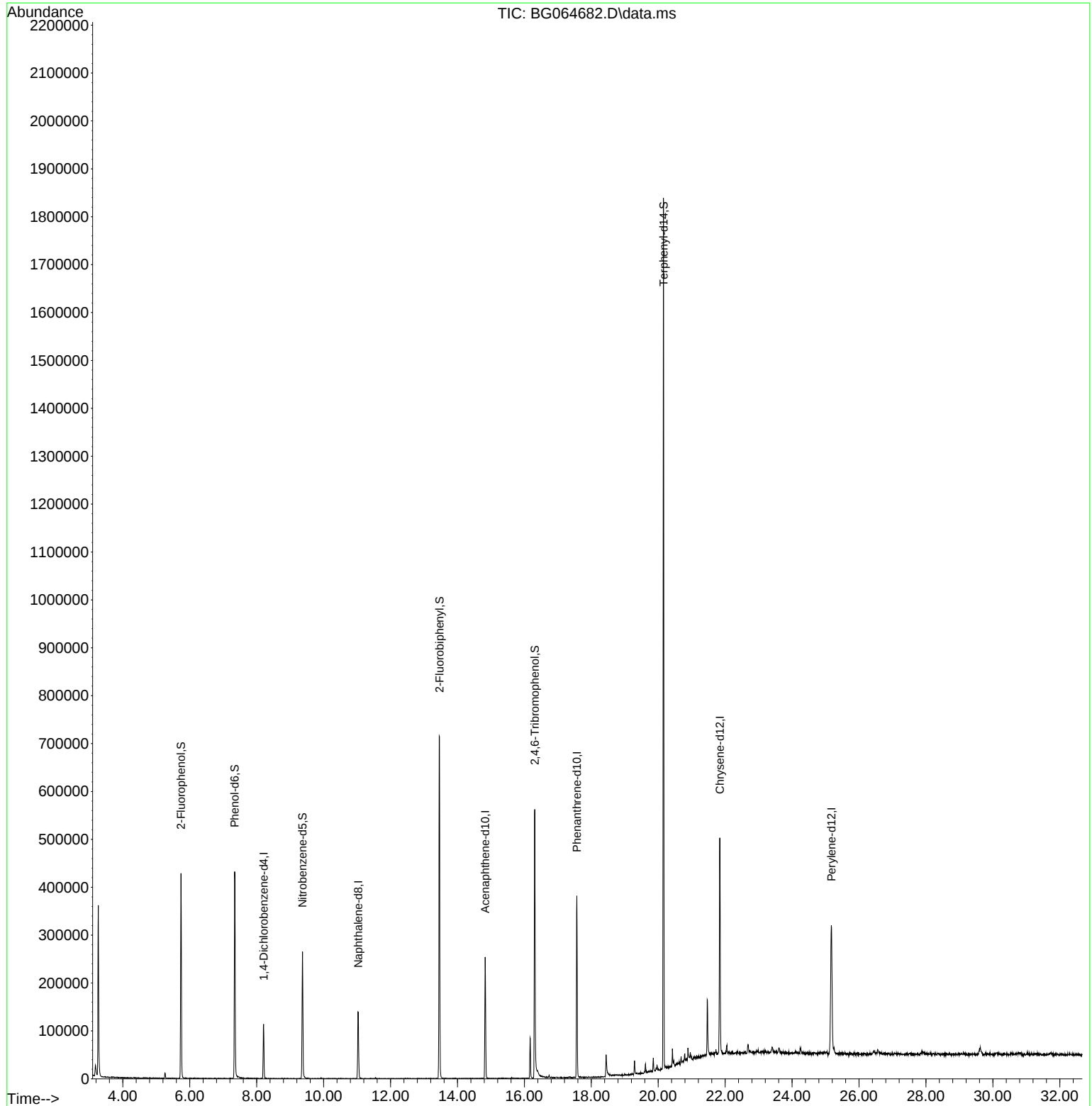
Target Compounds	Qvalue

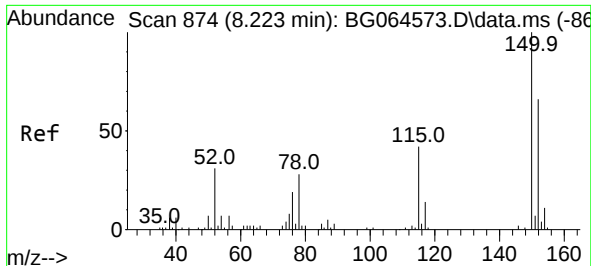
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064682.D
Acq On : 3 Nov 2025 21:24
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

Quant Time: Nov 04 00:47:08 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

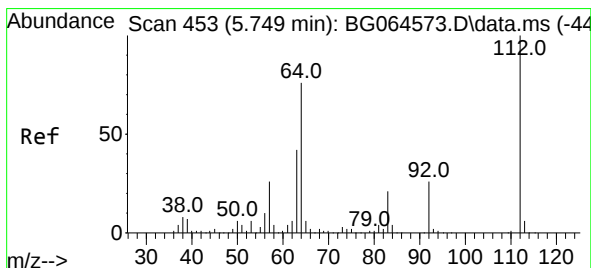
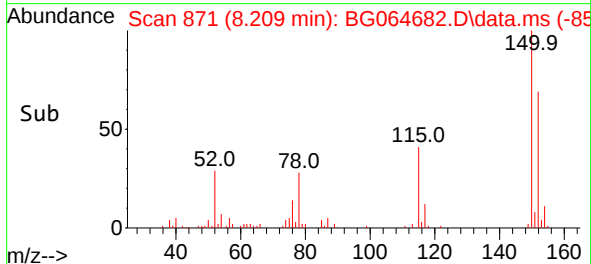
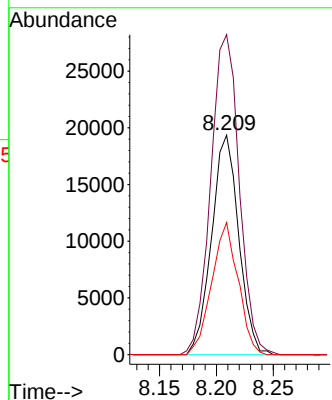
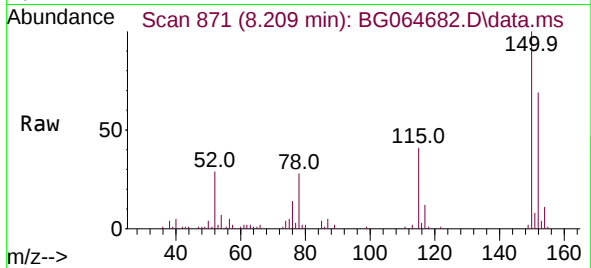




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.209 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

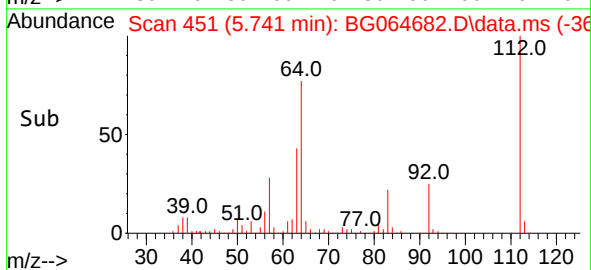
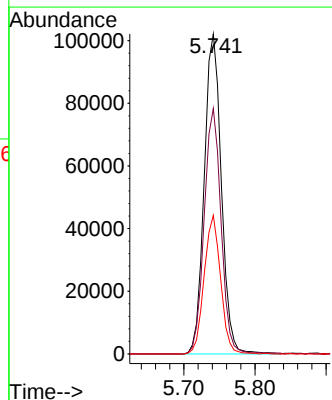
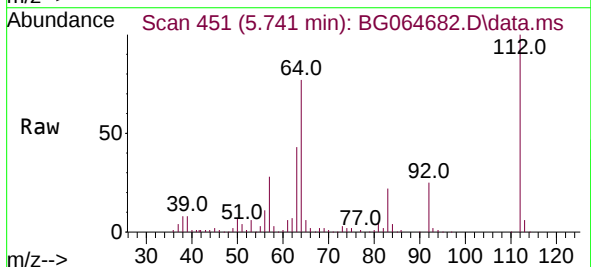
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

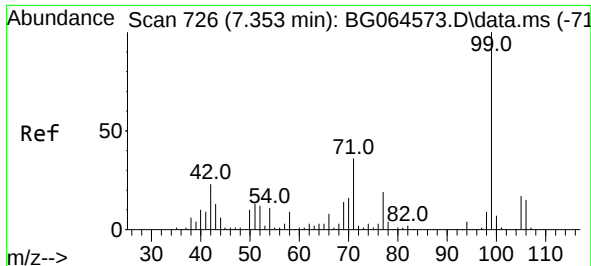
Tgt Ion:152 Resp: 32053
Ion Ratio Lower Upper
152 100
150 145.8 122.2 183.4
115 60.2 50.8 76.2



#5
2-Fluorophenol
Concen: 89.056 ng
RT: 5.741 min Scan# 451
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:112 Resp: 170063
Ion Ratio Lower Upper
112 100
64 76.7 60.7 91.1
63 43.3 33.4 50.0

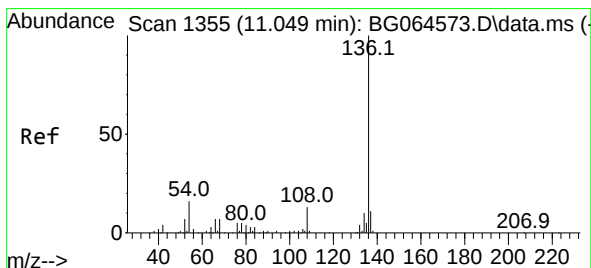
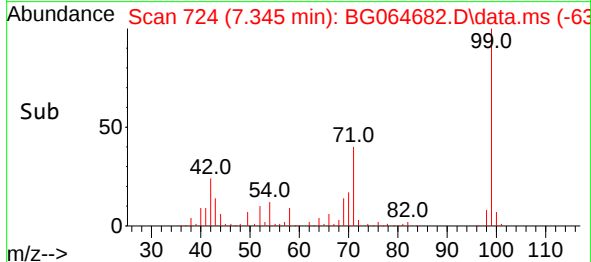
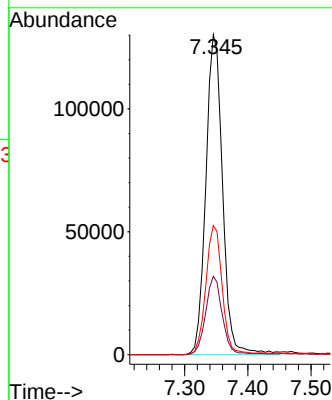
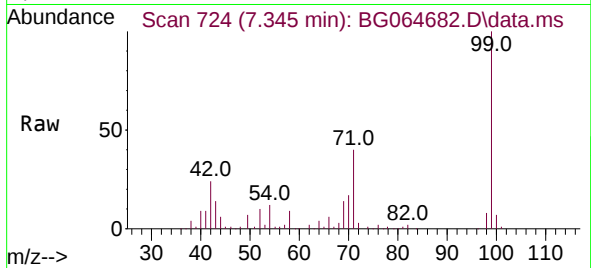




#7
Phenol-d6
Concen: 91.498 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

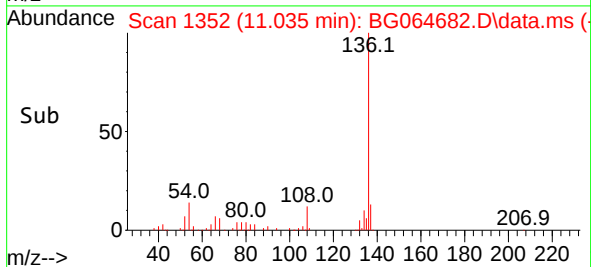
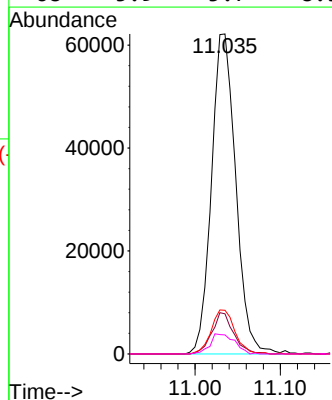
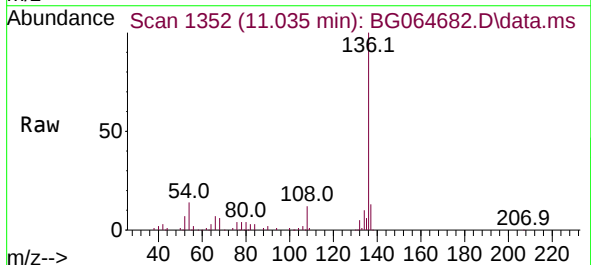
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

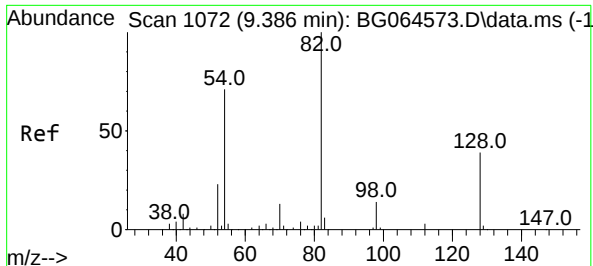
Tgt Ion: 99 Resp: 239763
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 40.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.035 min Scan# 1352
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:136 Resp: 122752
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 13.6 12.6 19.0
68 5.9 5.7 8.5

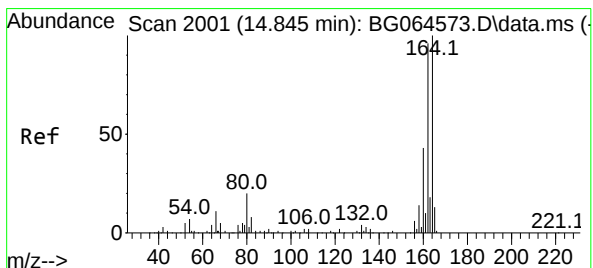
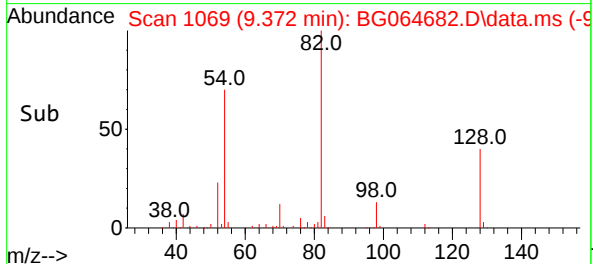
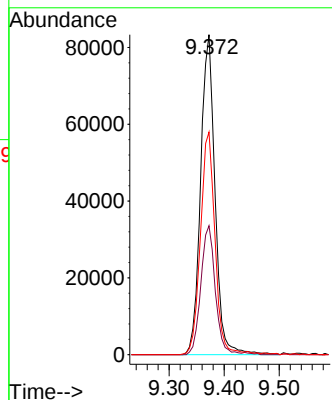
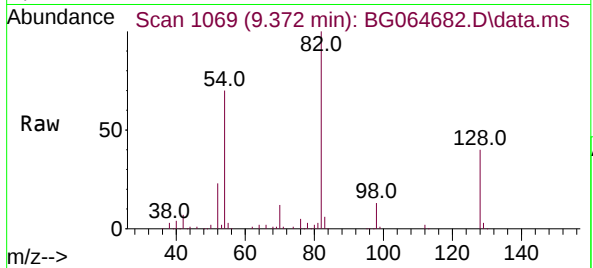




#23
Nitrobenzene-d5
Concen: 74.196 ng
RT: 9.372 min Scan# 1069
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

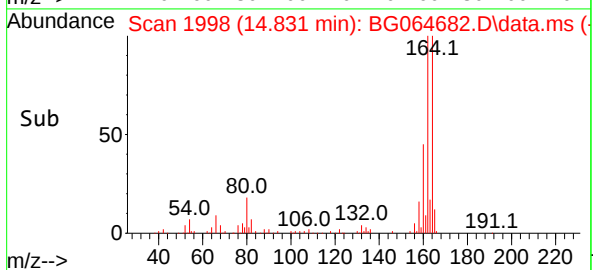
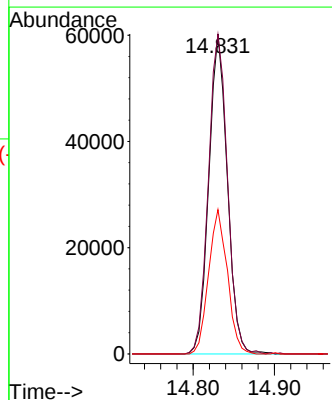
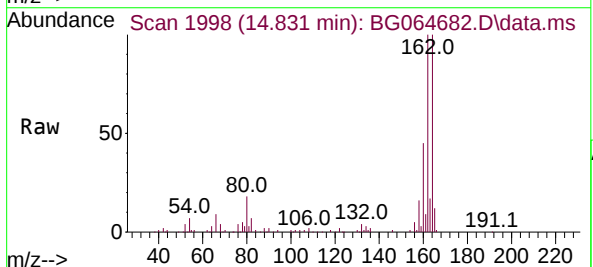
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

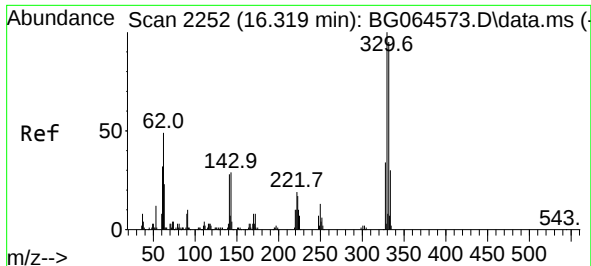
Tgt Ion: 82 Resp: 151636
Ion Ratio Lower Upper
82 100
128 40.3 31.3 46.9
54 69.5 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.831 min Scan# 1998
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion: 164 Resp: 95326
Ion Ratio Lower Upper
164 100
162 99.8 77.0 115.6
160 45.1 34.4 51.6

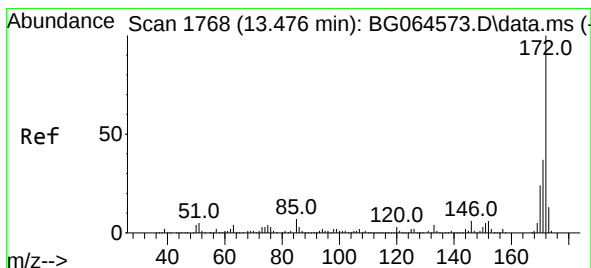
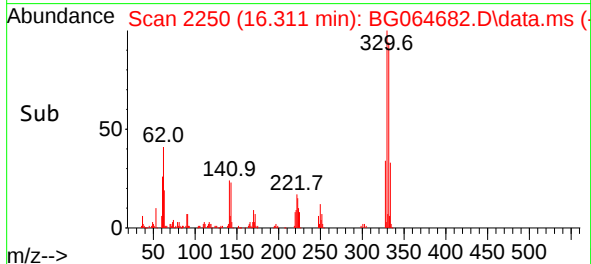
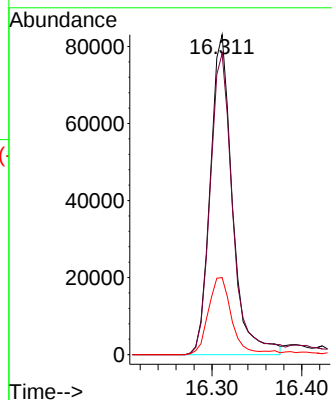
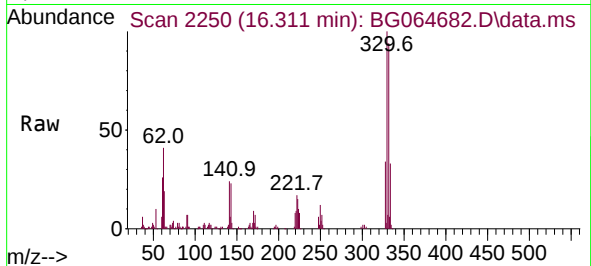




#42
2,4,6-Tribromophenol
Concen: 103.662 ng
RT: 16.311 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

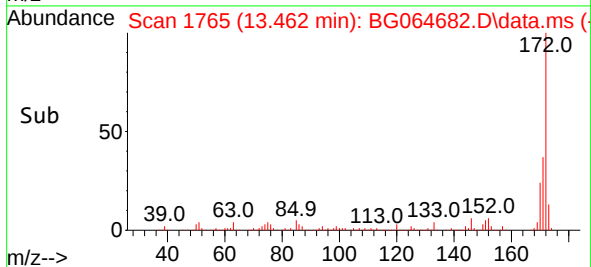
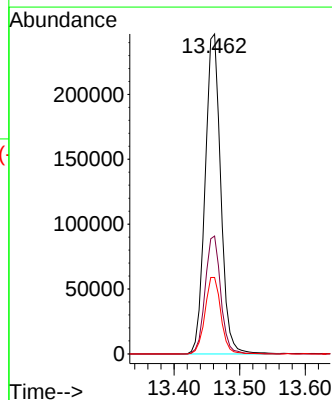
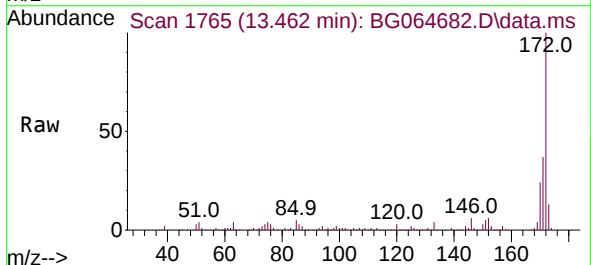
Instrument :
BNA_G
ClientSampleId :
COMP-ROLLOFF

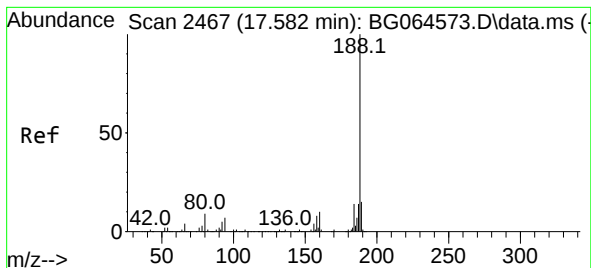
Tgt Ion:330 Resp: 142623
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 25.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 64.506 ng
RT: 13.462 min Scan# 1765
Delta R.T. -0.014 min
Lab File: BG064682.D
Acq: 3 Nov 2025 21:24

Tgt Ion:172 Resp: 405682
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.569 min Scan# 2464

Delta R.T. -0.014 min

Lab File: BG064682.D

Acq: 3 Nov 2025 21:24

Instrument :

BNA_G

ClientSampleId :

COMP-ROLLOFF

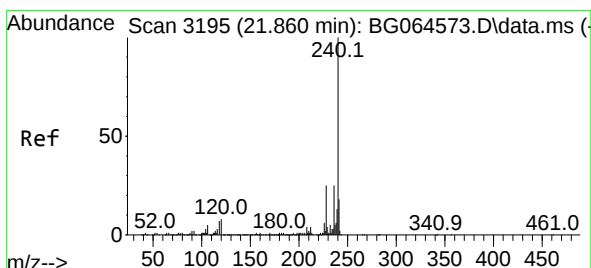
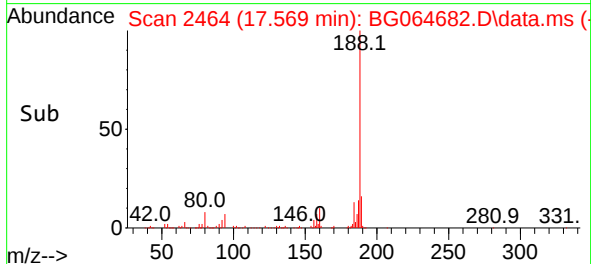
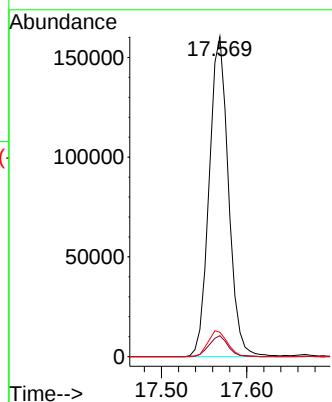
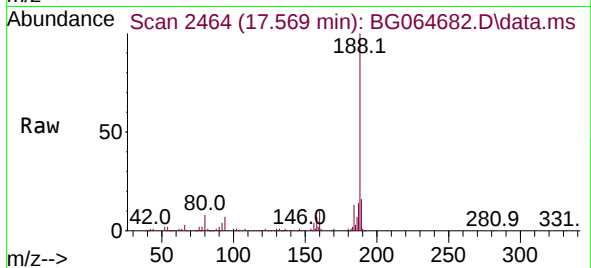
Tgt Ion:188 Resp: 251613

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.840 min Scan# 3191

Delta R.T. -0.020 min

Lab File: BG064682.D

Acq: 3 Nov 2025 21:24

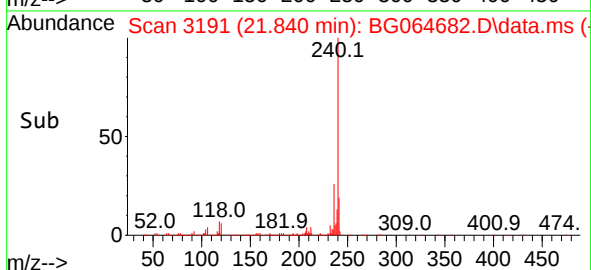
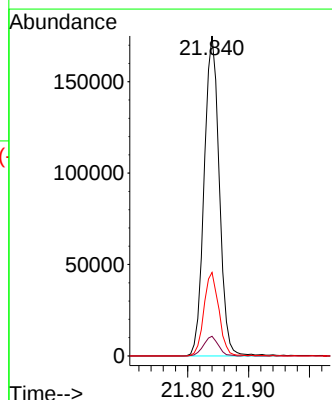
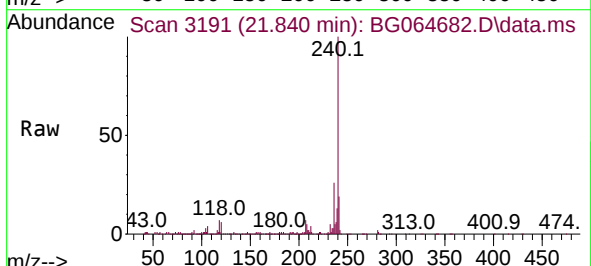
Tgt Ion:240 Resp: 301190

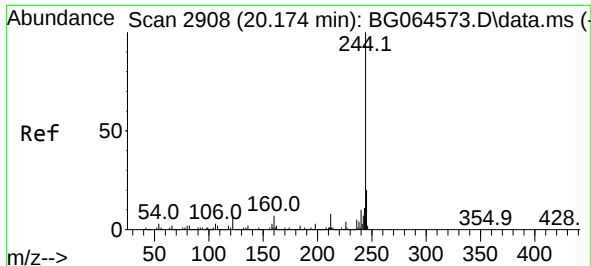
Ion Ratio Lower Upper

240 100

120 6.1 6.5 9.7#

236 26.1 20.2 30.2

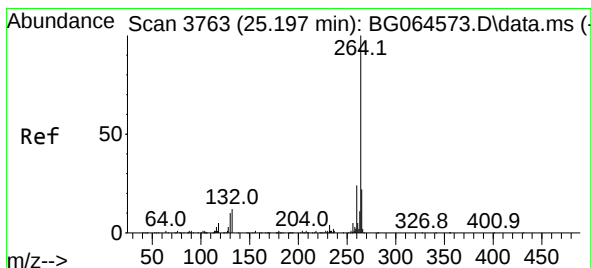
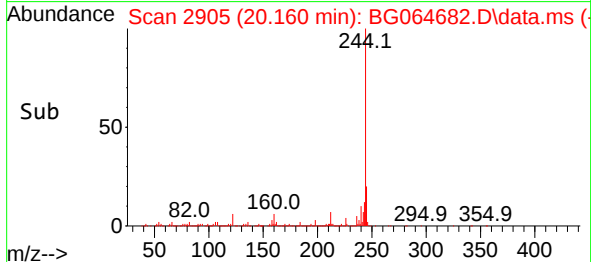
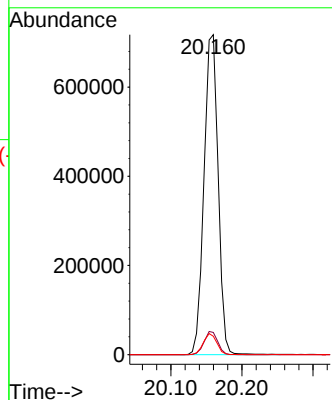
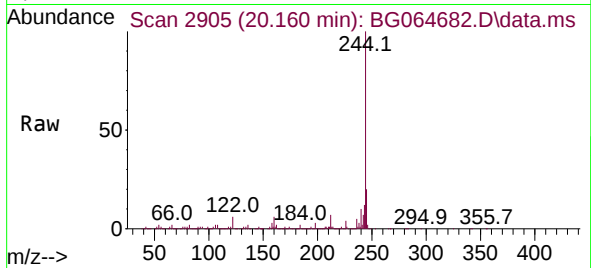




#79
 Terphenyl-d14
 Concen: 61.766 ng
 RT: 20.160 min Scan# 2908
 Delta R.T. -0.014 min
 Lab File: BG064682.D
 Acq: 3 Nov 2025 21:24

Instrument :
 BNA_G
 ClientSampleId :
 COMP-ROLLOFF

Tgt Ion:244 Resp: 985779
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 5.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.171 min Scan# 3758
 Delta R.T. -0.026 min
 Lab File: BG064682.D
 Acq: 3 Nov 2025 21:24

Tgt Ion:264 Resp: 331540
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.0 17.6 26.4

