

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064787.D
 Acq On : 17 Nov 2025 16:39
 Operator : RC/JU
 Sample : PB170544TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170544TB

Quant Time: Nov 17 17:19:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

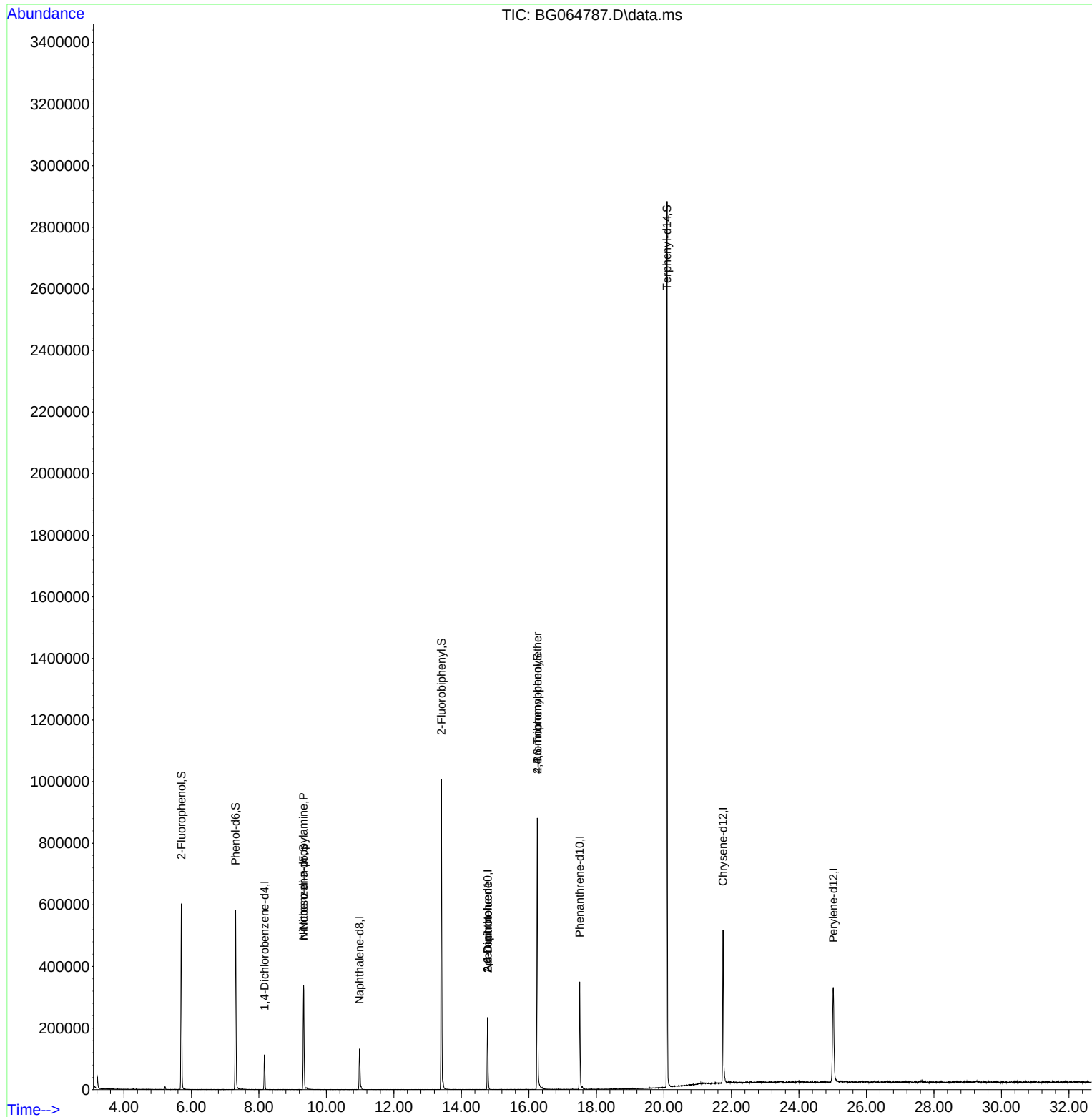
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.166	152	34254	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	126192	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	99133	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	249334	20.000	ng	0.00
76) Chrysene-d12	21.751	240	371428	20.000	ng	0.00
86) Perylene-d12	25.017	264	393445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	258394	131.725	ng	0.00
7) Phenol-d6	7.309	99	333524	127.835	ng	0.00
23) Nitrobenzene-d5	9.324	82	207032	81.116	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	236966	122.564	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	588246	82.798	ng	0.00
79) Terphenyl-d14	20.094	244	1601813	84.832	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.324	70	27567	15.627	ng	# 63
51) 2,6-Dinitrotoluene	14.776	165	12068	8.009	ng	# 21
57) 2,4-Dinitrotoluene	14.776	165	12068	5.342	ng	# 24
67) 4-Bromophenyl-phenylether	16.251	248	14616	4.464	ng	# 1

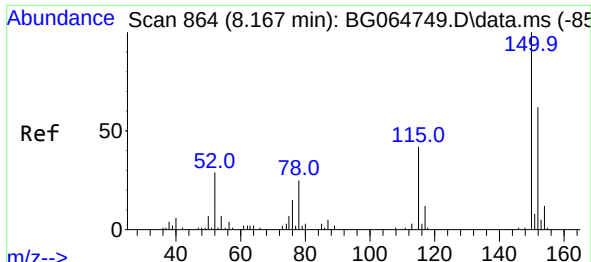
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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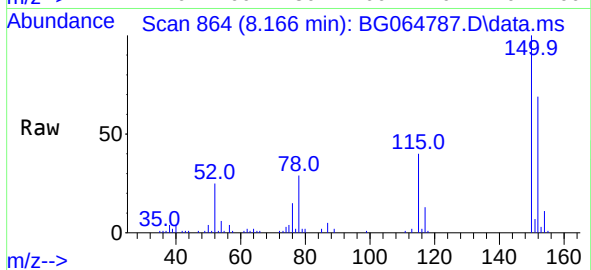
Quant Time: Nov 17 17:19:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



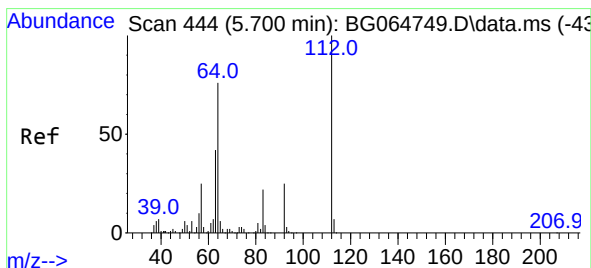
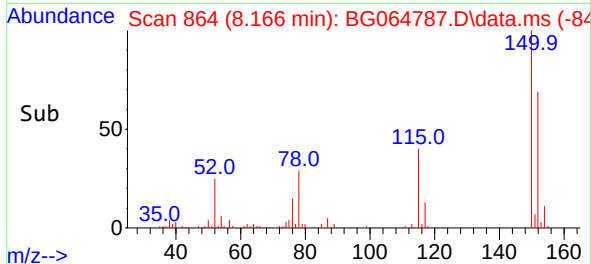
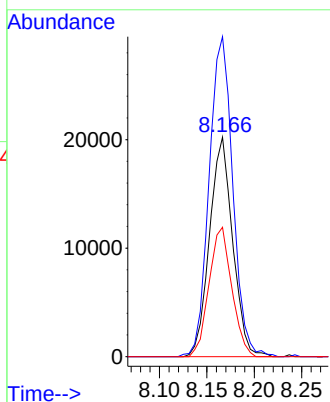


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.166 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Instrument :
BNA_G
ClientSampleId :
PB170544TB

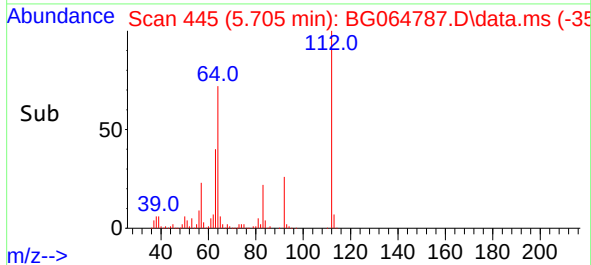
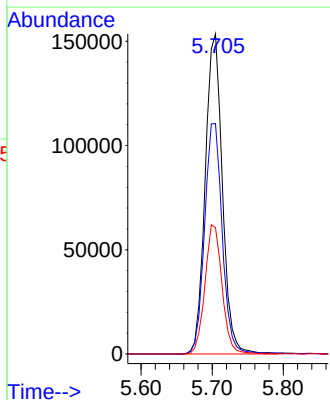
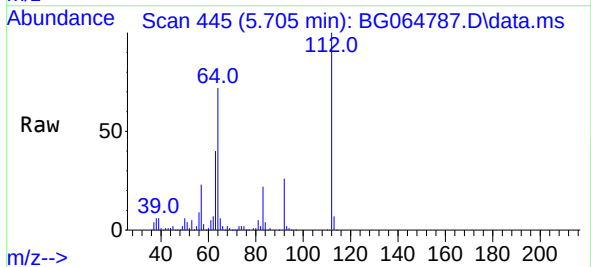


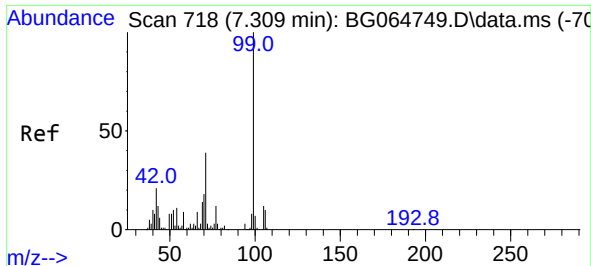
Tgt Ion:152 Resp: 34254
Ion Ratio Lower Upper
152 100
150 145.7 129.2 193.8
115 59.0 53.7 80.5



#5
2-Fluorophenol
Concen: 131.725 ng
RT: 5.705 min Scan# 445
Delta R.T. 0.005 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion:112 Resp: 258394
Ion Ratio Lower Upper
112 100
64 72.0 61.0 91.4
63 39.5 33.3 49.9

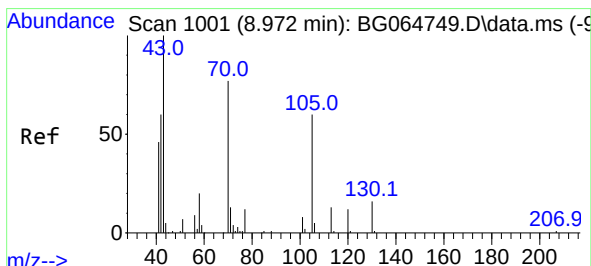
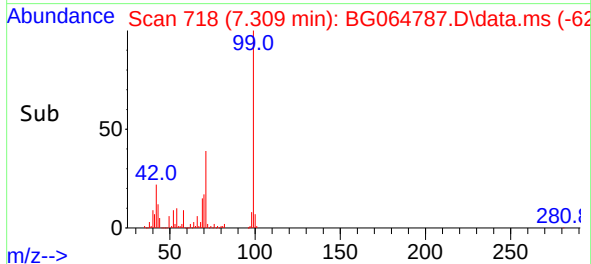
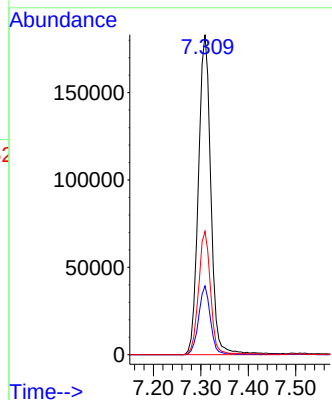
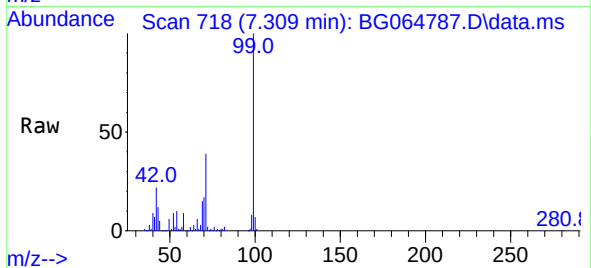




#7
Phenol-d6
Concen: 127.835 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

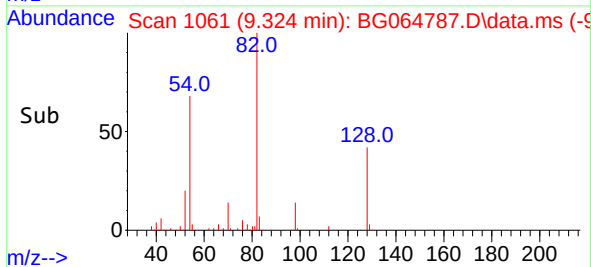
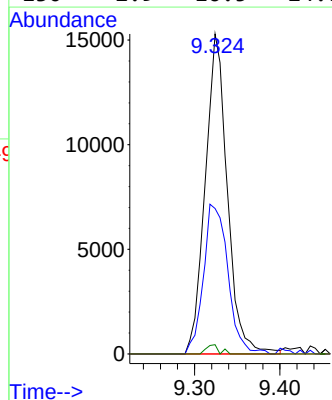
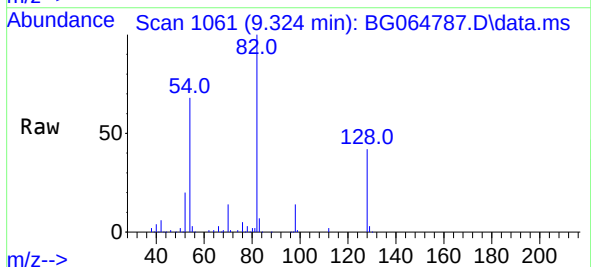
Instrument :
BNA_G
ClientSampleId :
PB170544TB

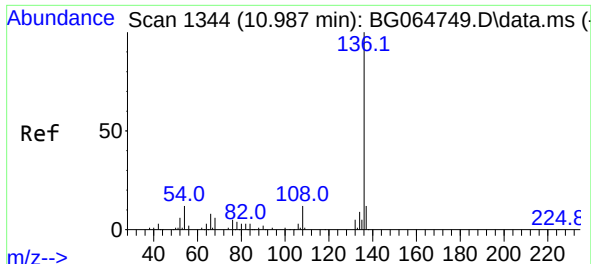
Tgt Ion: 99 Resp: 333524
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 38.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.627 ng
RT: 9.324 min Scan# 1061
Delta R.T. 0.352 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion: 70 Resp: 27567
Ion Ratio Lower Upper
70 100
42 45.4 62.6 93.8#
101 0.0 8.0 12.0#
130 2.9 16.5 24.7#

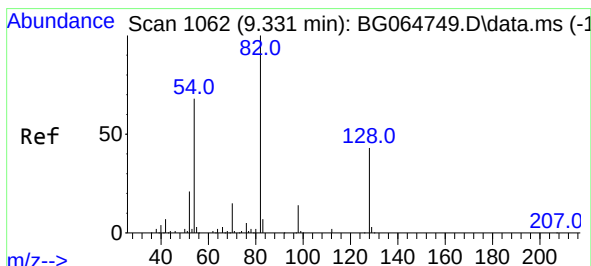
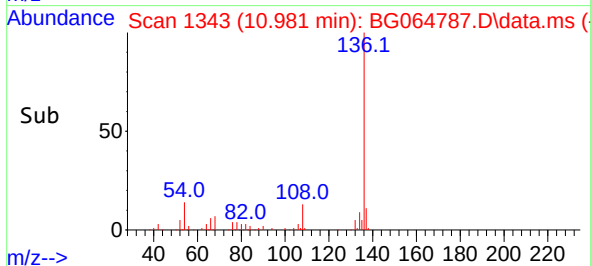
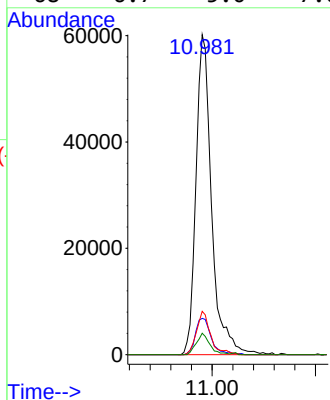
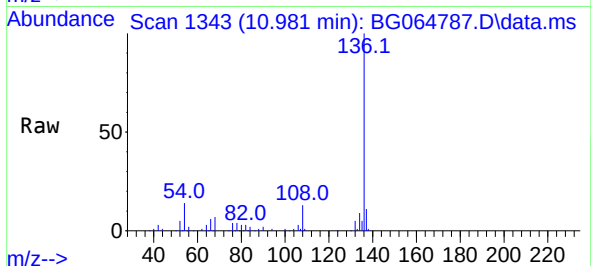




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

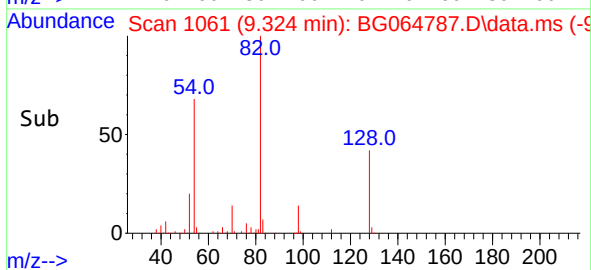
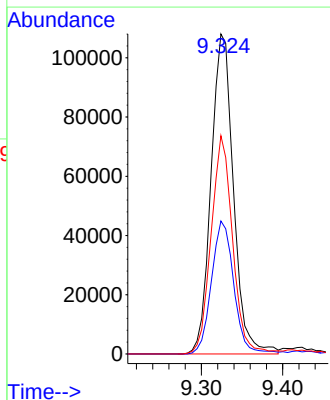
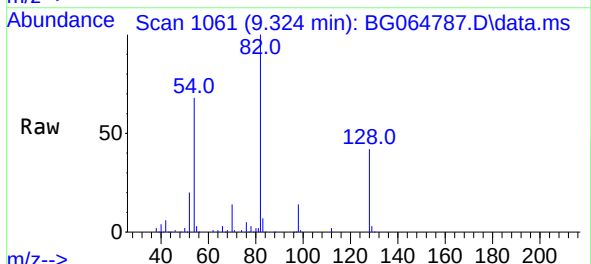
Instrument :
BNA_G
ClientSampleId :
PB170544TB

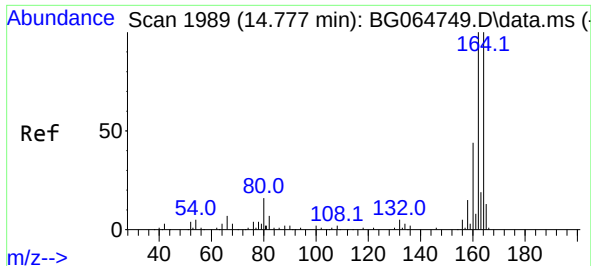
Tgt	Ion:136	Resp:	126192
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	13.6	9.3	13.9
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 81.116 ng
RT: 9.324 min Scan# 1061
Delta R.T. -0.007 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion: 82	Resp: 207032
Ion Ratio	Lower Upper
82 100	
128 41.6	34.1 51.1
54 68.2	54.3 81.5

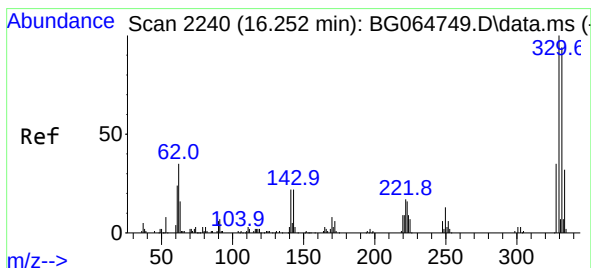
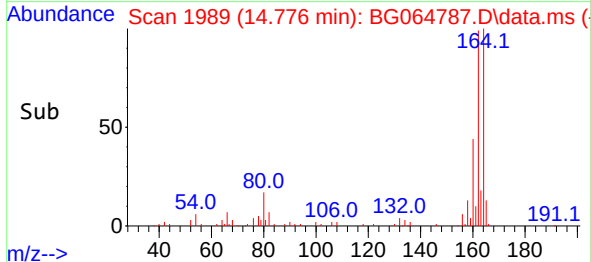
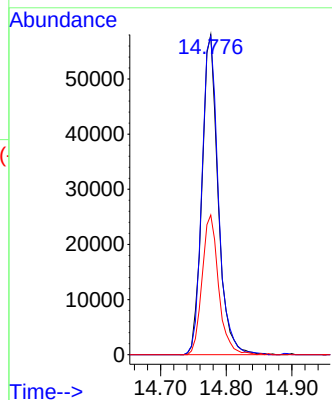
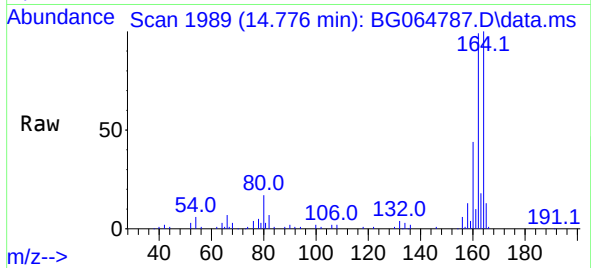




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

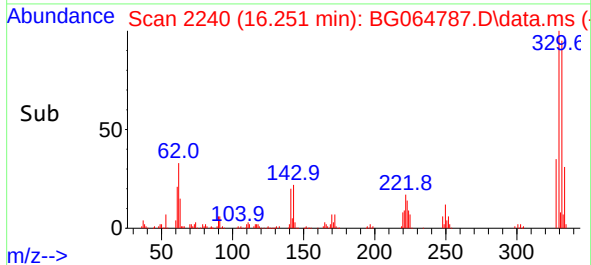
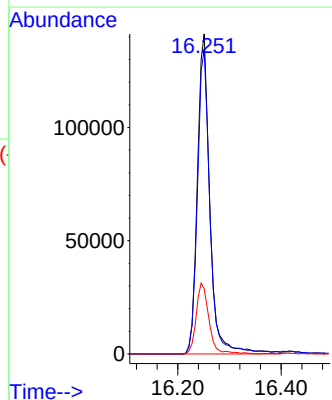
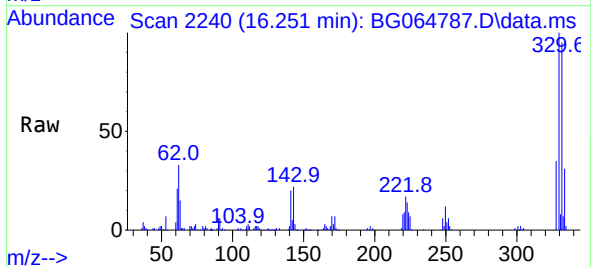
Instrument :
BNA_G
ClientSampleId :
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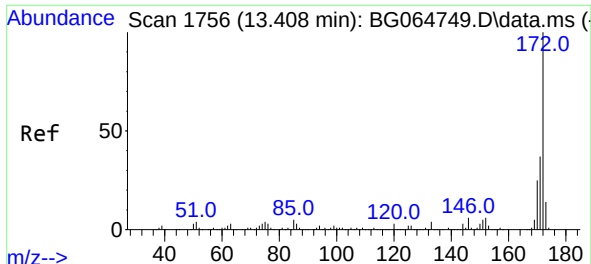
Tgt Ion:164 Resp: 99133
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.6
160 43.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 122.564 ng
RT: 16.251 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion:330 Resp: 236966
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 22.6 18.2 27.2

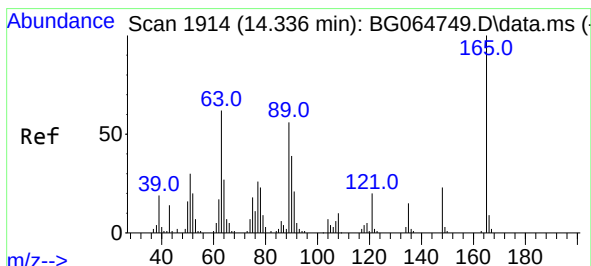
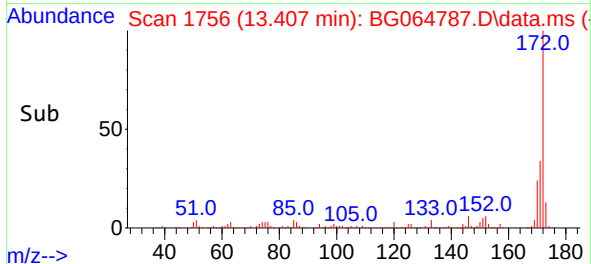
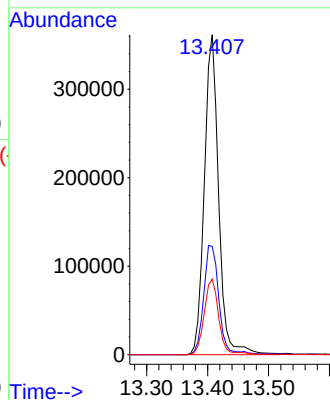
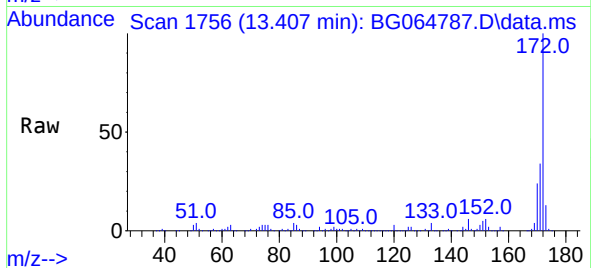




#45
2-Fluorobiphenyl
Concen: 82.798 ng
RT: 13.407 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

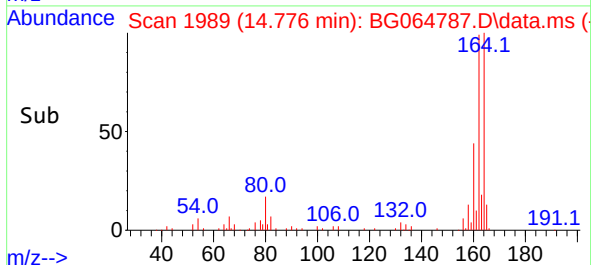
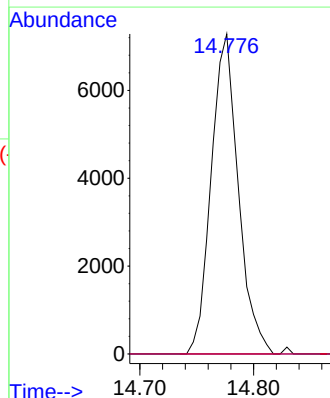
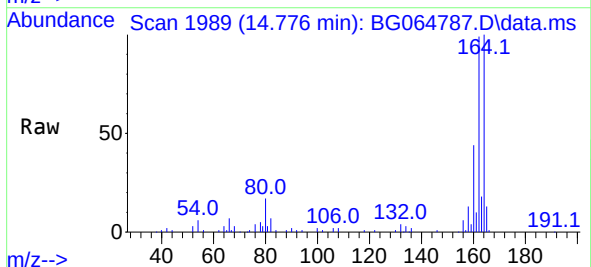
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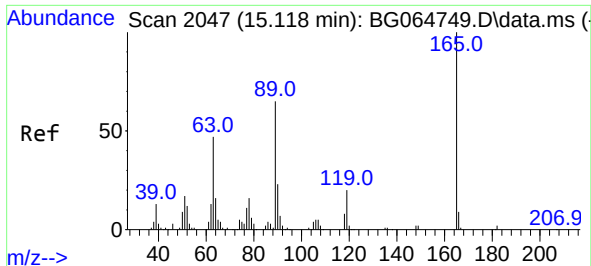
Tgt Ion:172 Resp: 588246
Ion Ratio Lower Upper
172 100
171 33.8 29.9 44.9
170 23.6 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 14.776 min Scan# 1989
Delta R.T. 0.440 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion:165 Resp: 12068
Ion Ratio Lower Upper
165 100
63 0.0 49.8 74.8#
89 0.0 45.0 67.4#

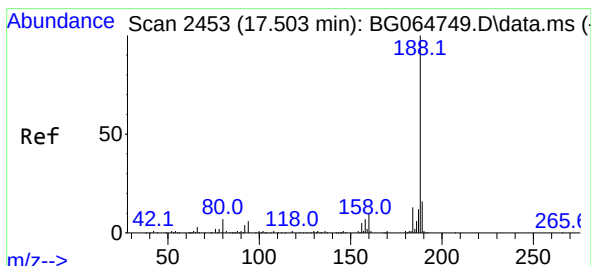
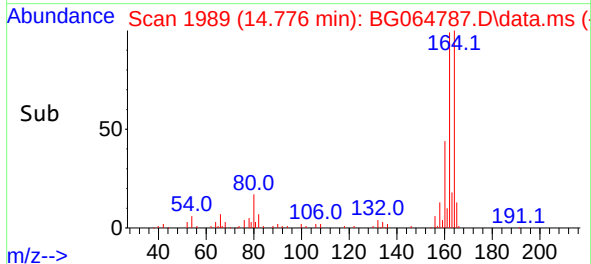
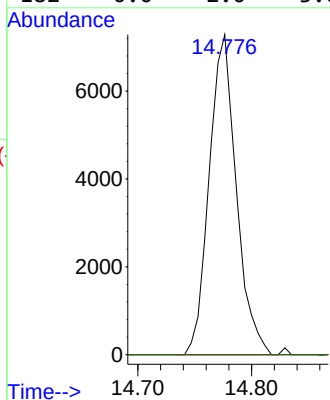
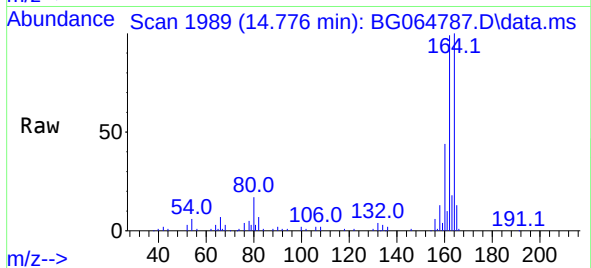




#57
2,4-Dinitrotoluene
Concen: 5.342 ng
RT: 14.776 min Scan# 1989
Delta R.T. -0.342 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

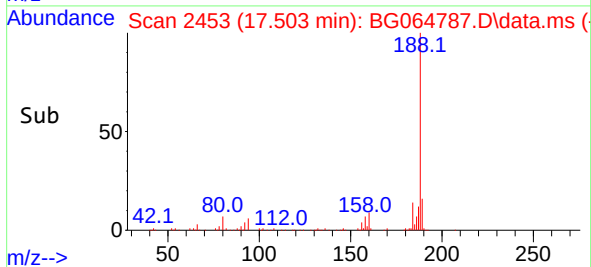
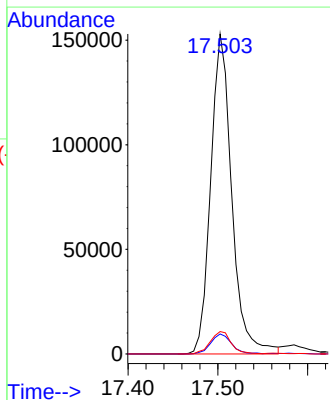
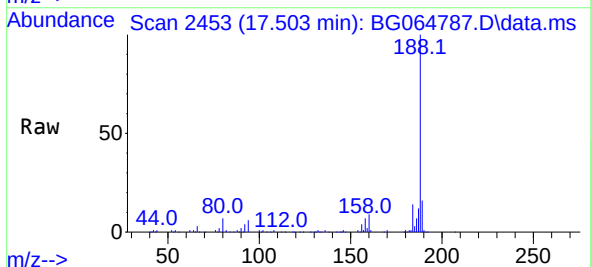
Instrument :
BNA_G
ClientSampleId :
PB170544TB

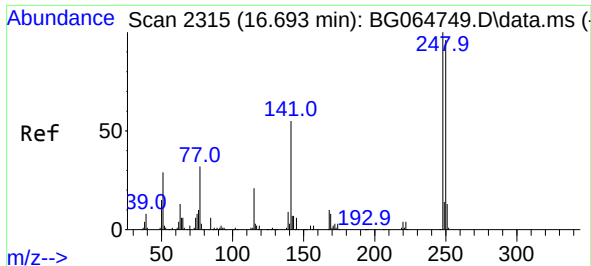
Tgt Ion:	165	Resp:	12068
Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

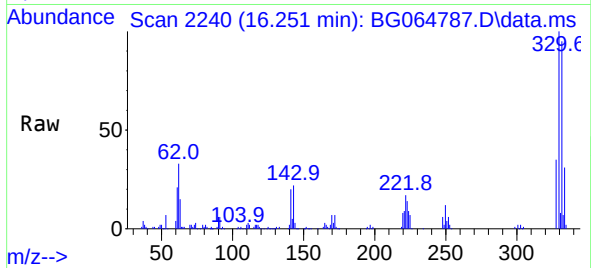
Tgt Ion:	188	Resp:	249334
Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	7.0	5.4	8.2



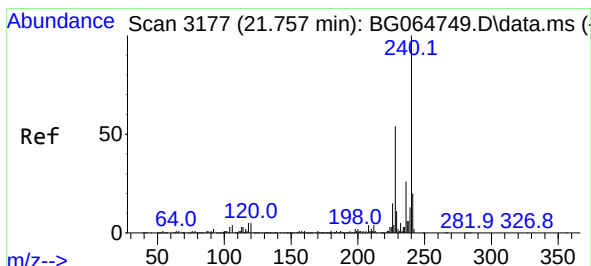
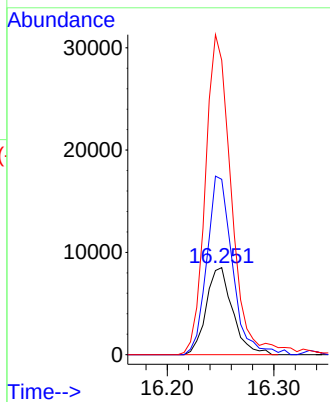
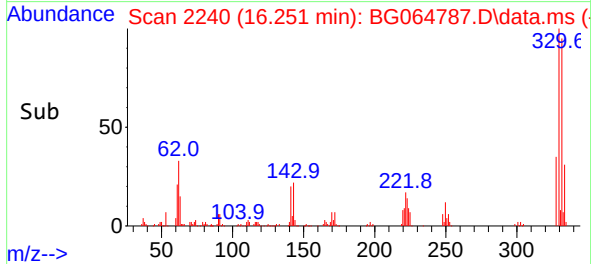


#67
4-Bromophenyl-phenylether
Concen: 4.464 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Instrument :
BNA_G
ClientSampleId :
PB170544TB

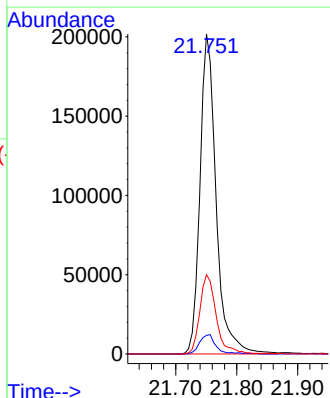
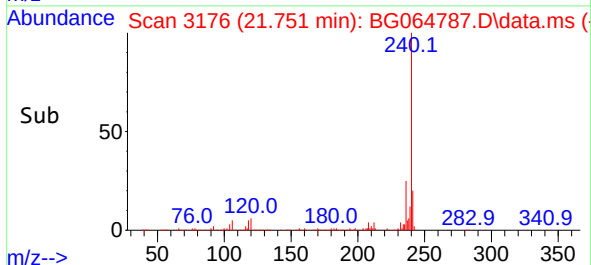
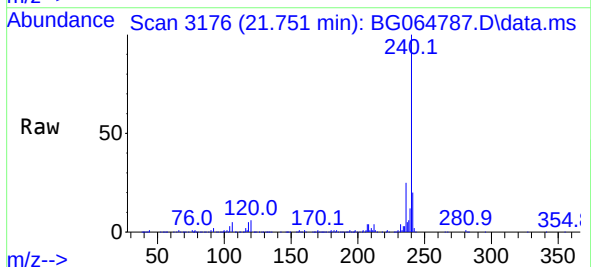


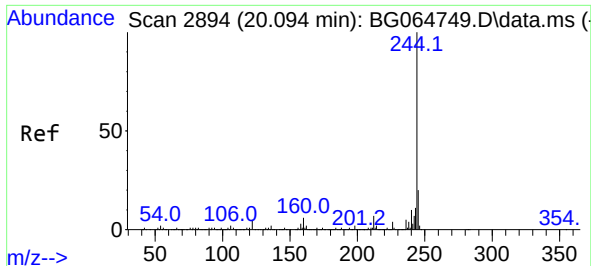
Tgt Ion:248 Resp: 14616
Ion Ratio Lower Upper
248 100
250 273.2 77.0 115.6#
141 337.9 43.7 65.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion:240 Resp: 371428
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.4
236 24.7 20.8 31.2

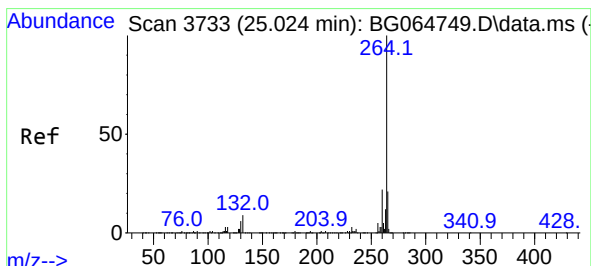
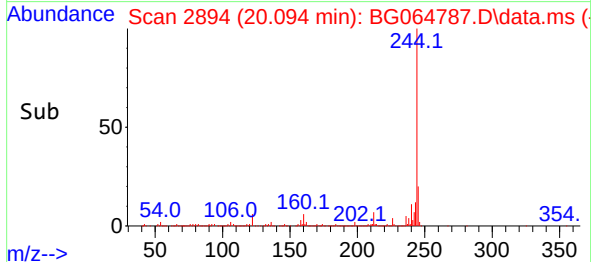
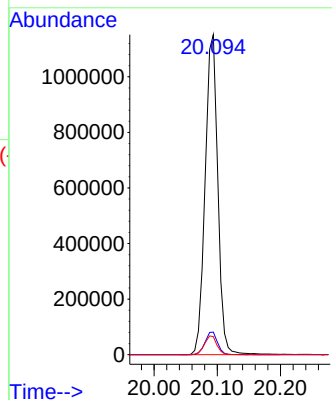
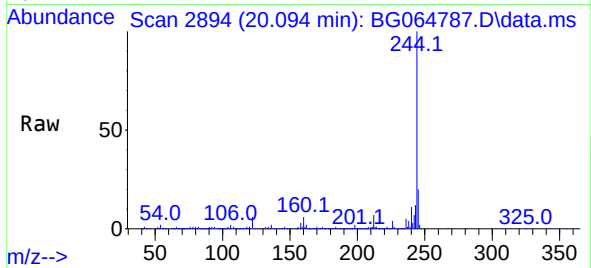




#79
Terphenyl-d14
Concen: 84.832 ng
RT: 20.094 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Instrument :
BNA_G
ClientSampleId :
PB170544TB

Tgt Ion:244 Resp: 1601813
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 5.6 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 3732
Delta R.T. -0.007 min
Lab File: BG064787.D
Acq: 17 Nov 2025 16:39

Tgt Ion:264 Resp: 393445
Ion Ratio Lower Upper
264 100
260 22.8 17.2 25.8
265 23.0 16.6 25.0

