

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064803.D
 Acq On : 18 Nov 2025 14:59
 Operator : RC/JU
 Sample : Q3641-01RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-111325RX

Quant Time: Nov 18 15:34:57 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)

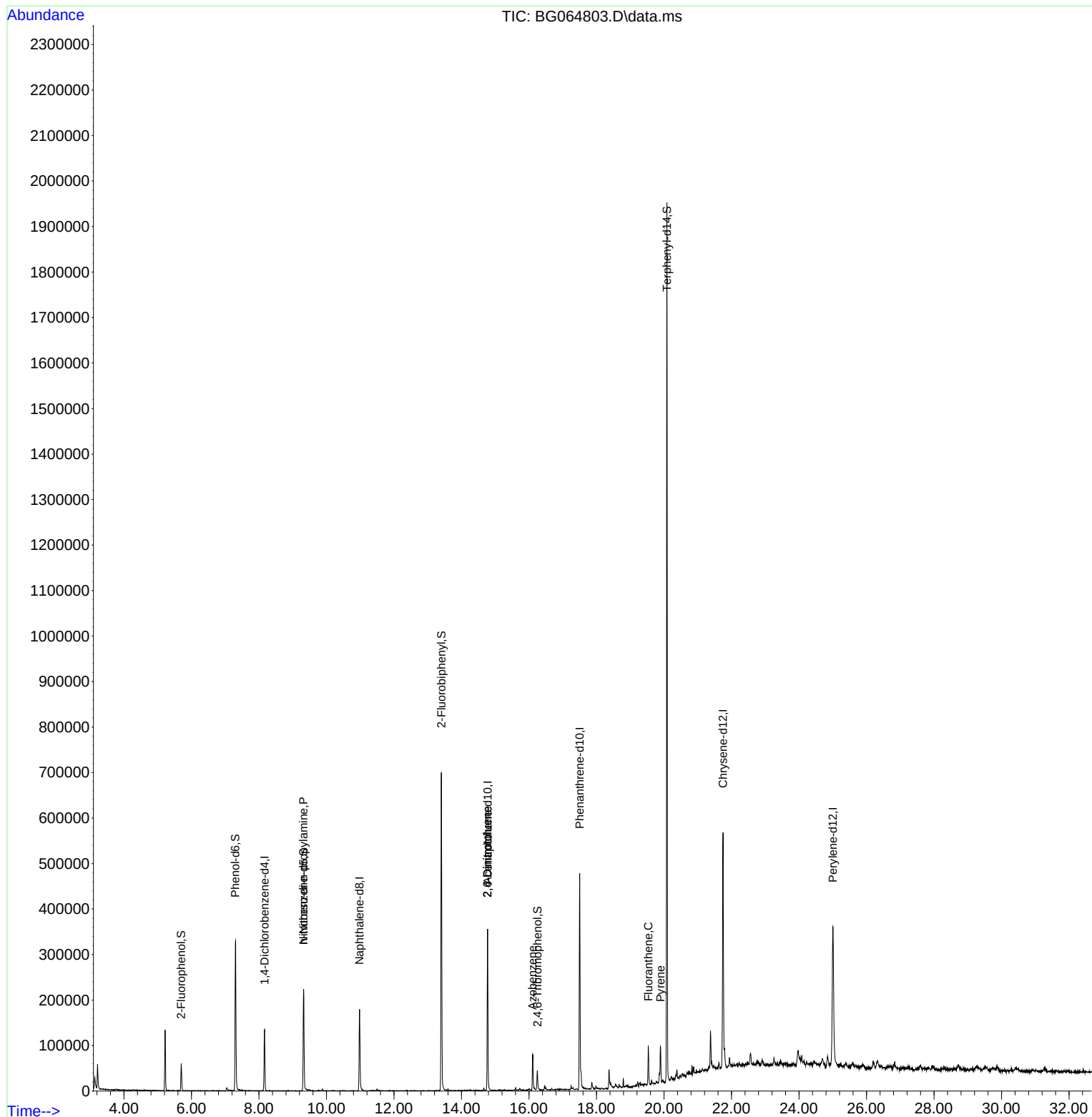
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	42011	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	162143	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	136554	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	334652	20.000	ng	0.00
76) Chrysene-d12	21.748	240	351261	20.000	ng	0.00
86) Perylene-d12	25.003	264	364494	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	24931	10.363	ng	0.00
7) Phenol-d6	7.300	99	194350	60.737	ng	0.00
23) Nitrobenzene-d5	9.322	82	137045	41.790	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	12347	4.636	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	417170	42.627	ng	0.00
79) Terphenyl-d14	20.085	244	993949	55.662	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	18316	8.466	ng	# 68
51) 2,6-Dinitrotoluene	14.768	165	17530	8.446	ng	# 23
57) 2,4-Dinitrotoluene	14.768	165	17530	5.633	ng	# 26
63) Azobenzene	16.108	77	25655	2.985	ng	# 1
75) Fluoranthene	19.533	202	61023	2.437	ng	98
78) Pyrene	19.891	202	53703	2.728	ng	98

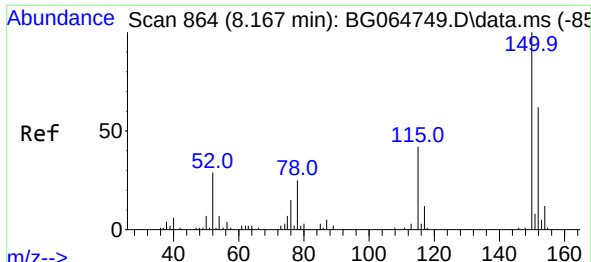
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064803.D
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Operator : RC/JU
Sample : Q3641-01RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

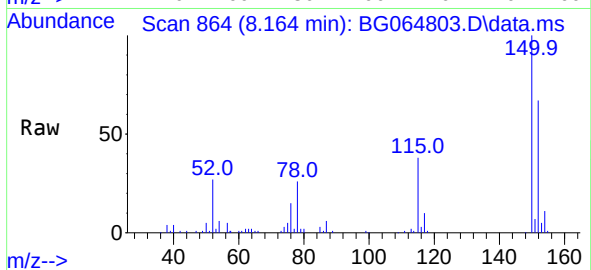
Quant Time: Nov 18 15:34:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



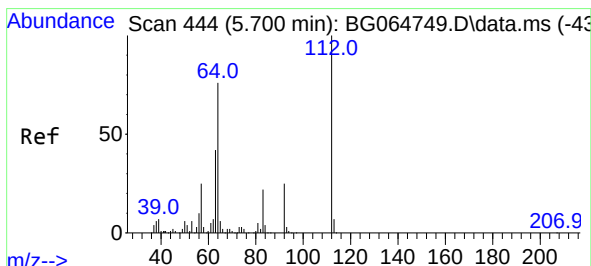
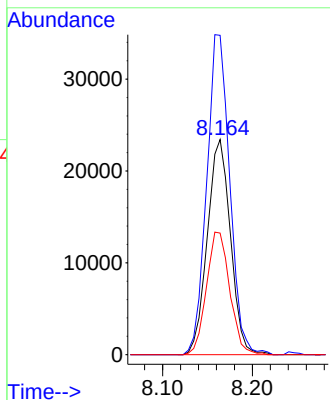
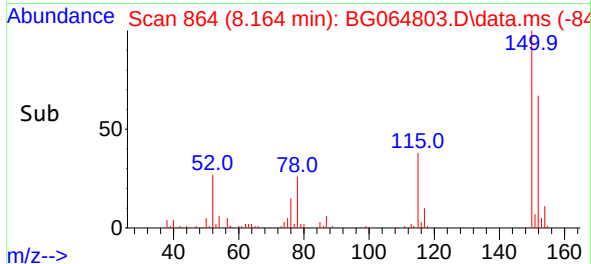


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

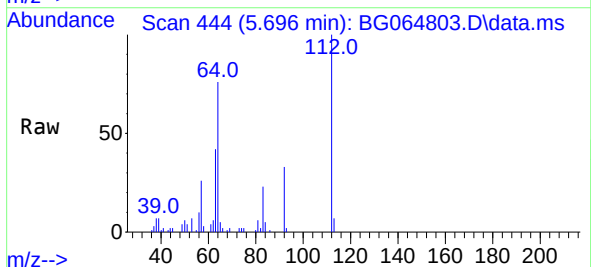
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX



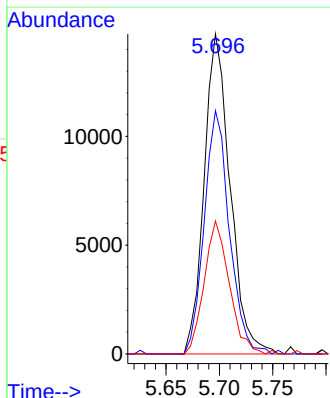
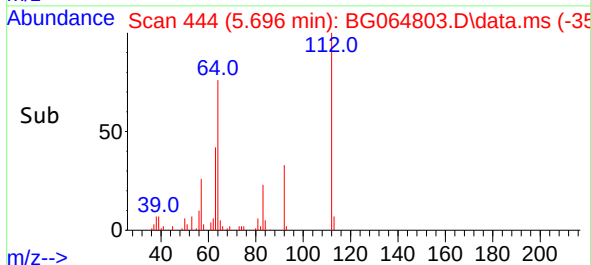
Tgt Ion:152 Resp: 42011
Ion Ratio Lower Upper
152 100
150 148.4 129.2 193.8
115 56.5 53.7 80.5

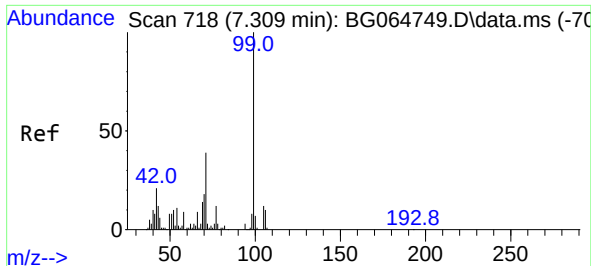


#5
2-Fluorophenol
Concen: 10.363 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59



Tgt Ion:112 Resp: 24931
Ion Ratio Lower Upper
112 100
64 76.0 61.0 91.4
63 41.6 33.3 49.9

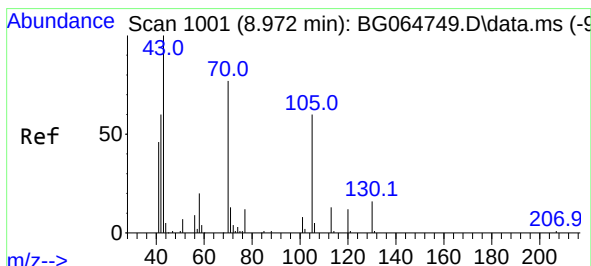
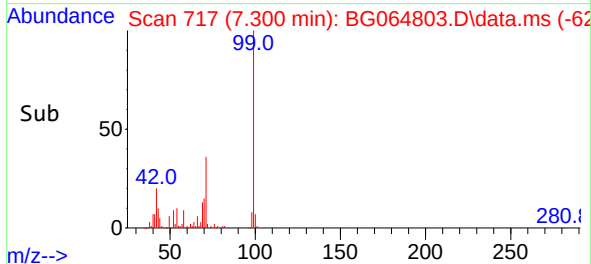
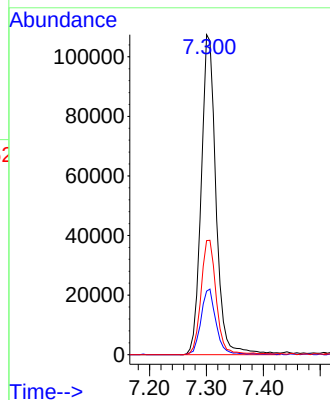
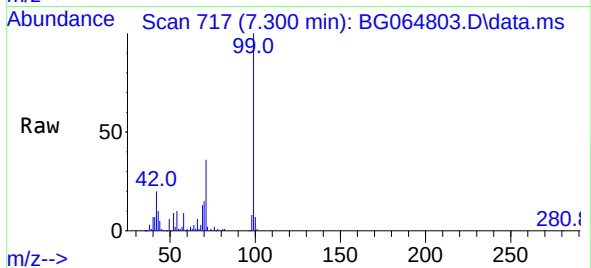




#7
Phenol-d6
Concen: 60.737 ng
RT: 7.300 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

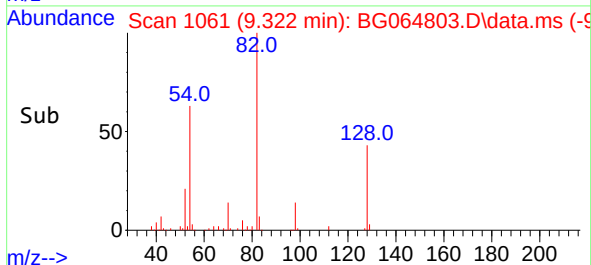
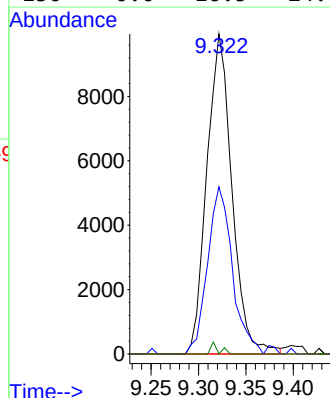
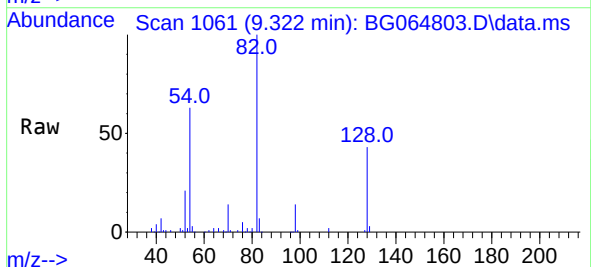
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

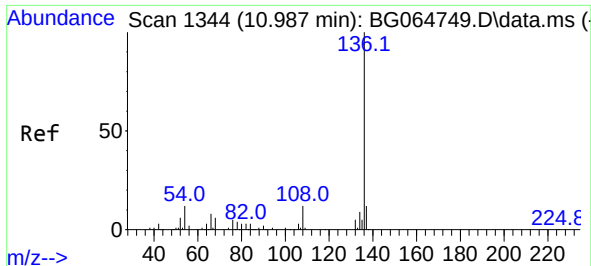
Tgt Ion: 99 Resp: 194350
Ion Ratio Lower Upper
99 100
42 19.9 16.8 25.2
71 35.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.466 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.349 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion: 70 Resp: 18316
Ion Ratio Lower Upper
70 100
42 52.2 62.6 93.8#
101 0.0 8.0 12.0#
130 0.0 16.5 24.7#

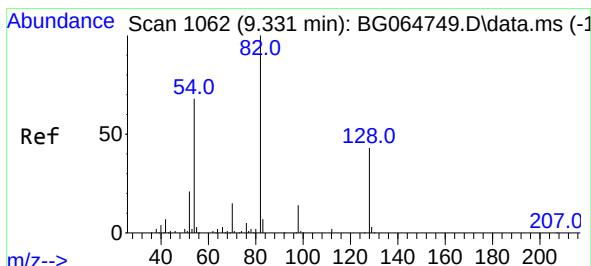
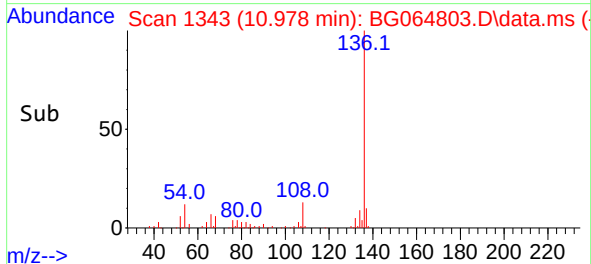
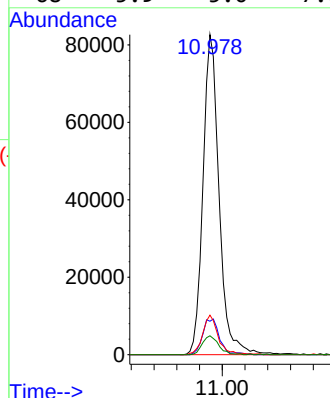
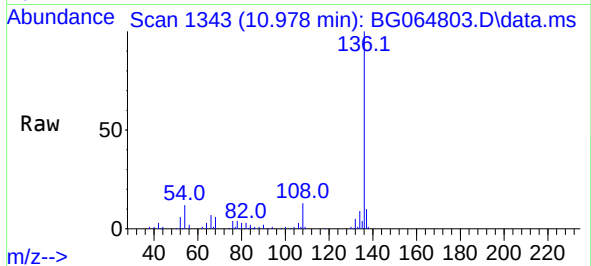




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

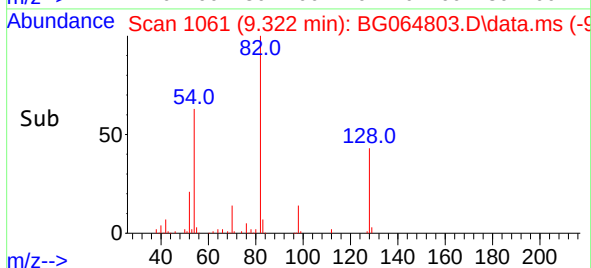
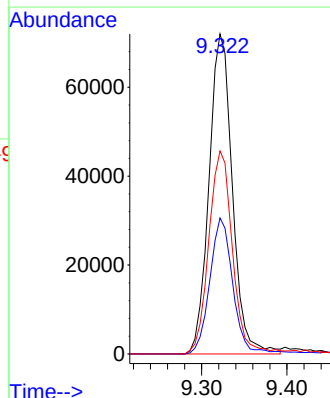
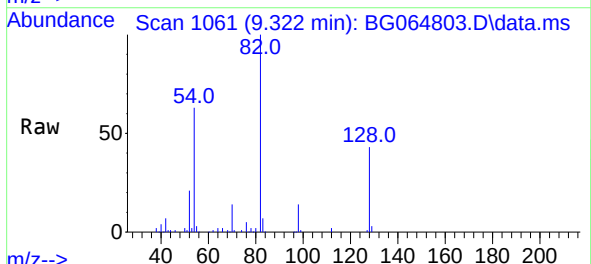
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

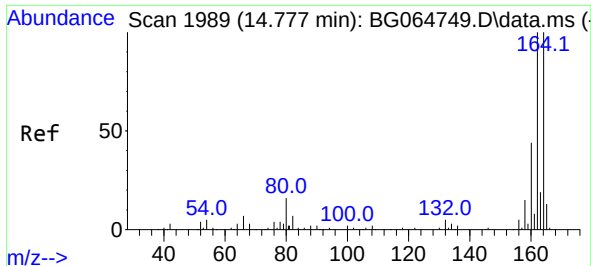
Tgt Ion:	136	Resp:	162143
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	12.4	9.3	13.9
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 41.790 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:	82	Resp:	137045
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.1	51.1
54	63.5	54.3	81.5

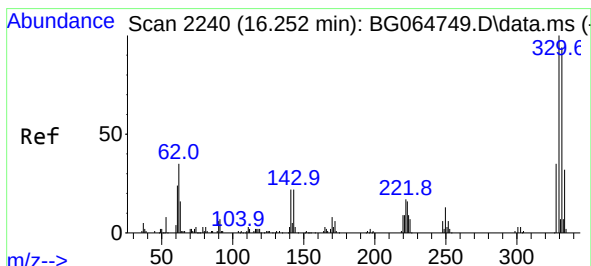
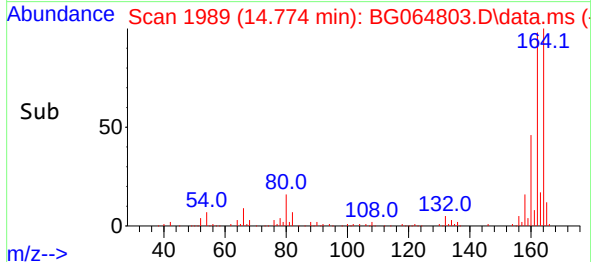
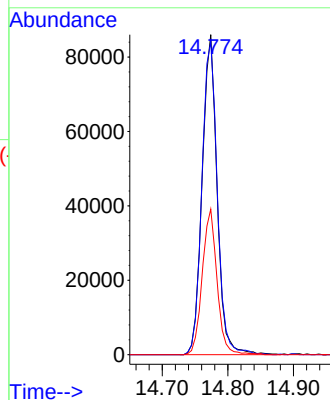
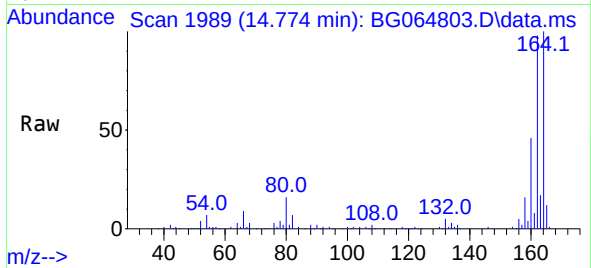




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

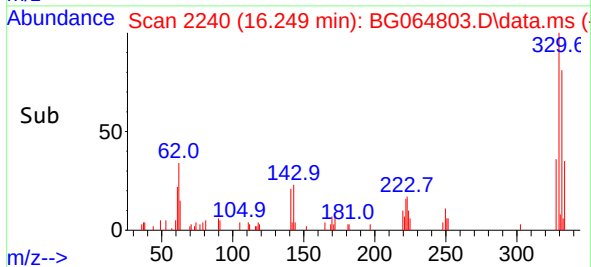
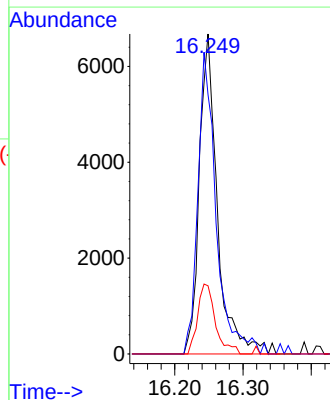
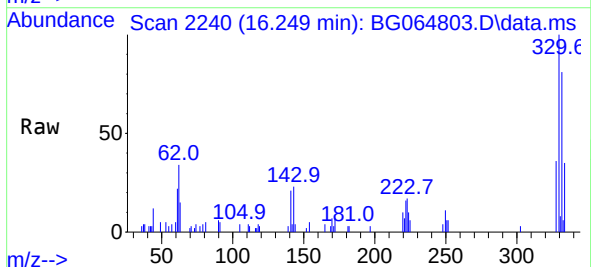
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

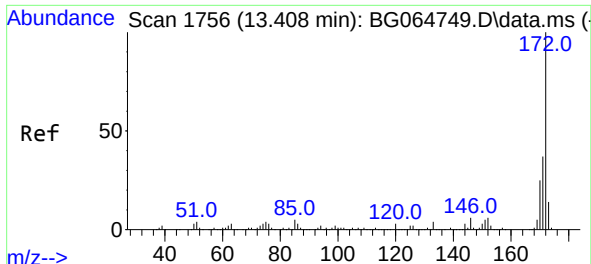
Tgt Ion:164 Resp: 136554
Ion Ratio Lower Upper
164 100
162 97.8 79.8 119.6
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 4.636 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:330 Resp: 12347
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 21.3 18.2 27.2

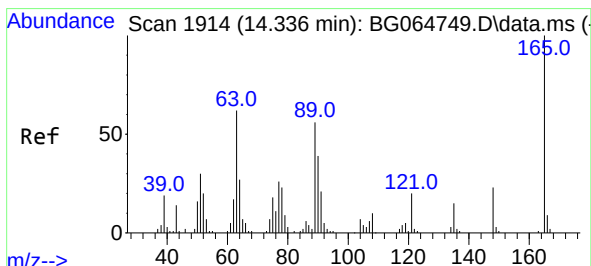
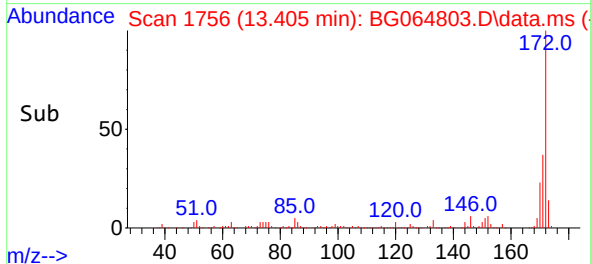
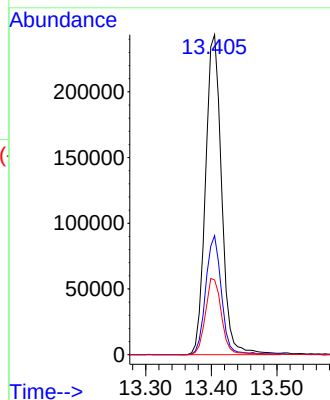
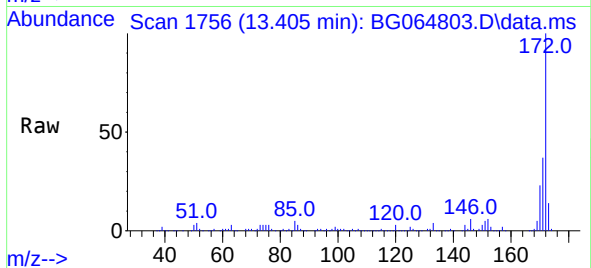




#45
2-Fluorobiphenyl
Concen: 42.627 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

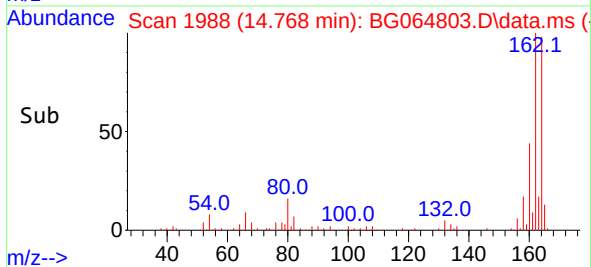
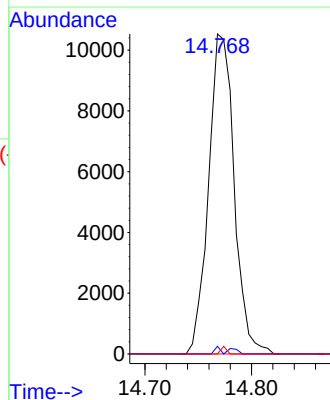
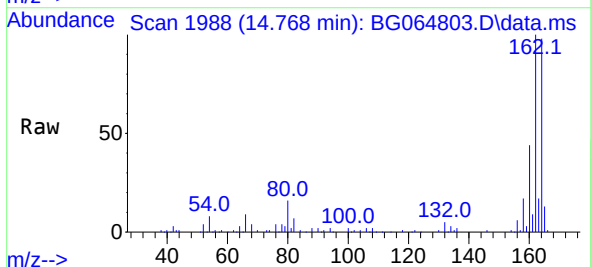
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

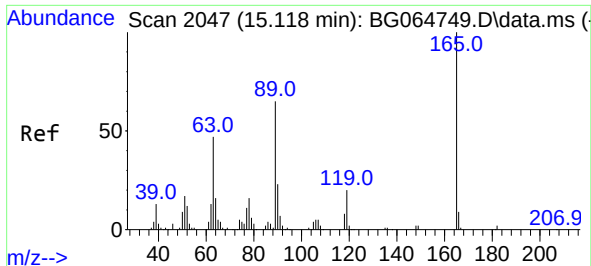
Tgt Ion:172 Resp: 417170
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 23.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.432 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:165 Resp: 17530
Ion Ratio Lower Upper
165 100
63 2.4 49.8 74.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.633 ng

RT: 14.768 min Scan# 1988

Delta R.T. -0.350 min

Lab File: BG064803.D

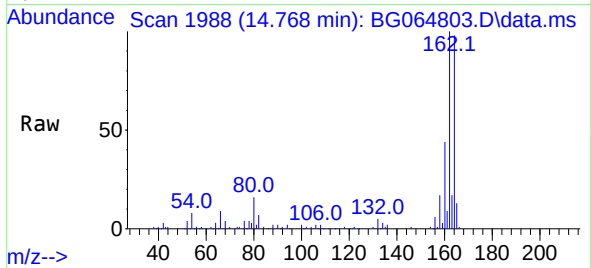
Acq: 18 Nov 2025 14:59

Instrument :

BNA_G

ClientSampleId :

TR-05-111325RX



Tgt Ion:165 Resp: 17530

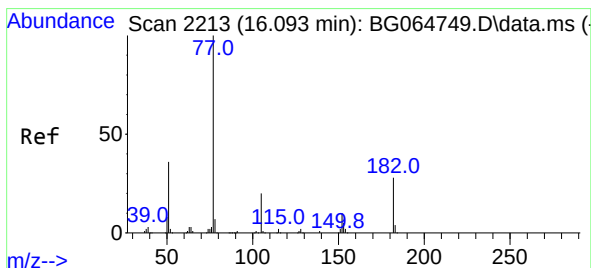
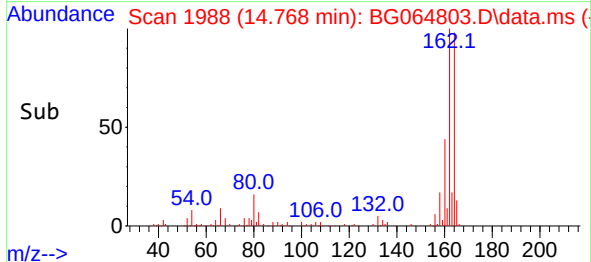
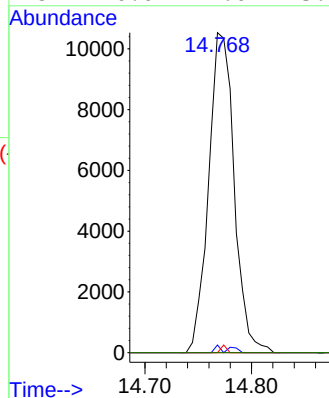
Ion Ratio Lower Upper

165 100

63 2.4 37.8 56.6#

89 0.0 51.6 77.4#

182 0.0 2.0 3.0#



#63

Azobenzene

Concen: 2.985 ng

RT: 16.108 min Scan# 2216

Delta R.T. 0.014 min

Lab File: BG064803.D

Acq: 18 Nov 2025 14:59

Tgt Ion: 77 Resp: 25655

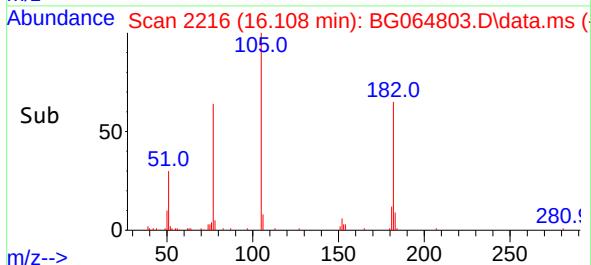
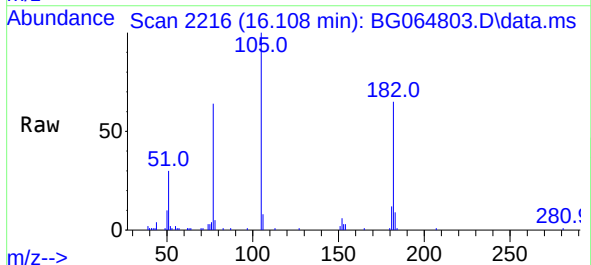
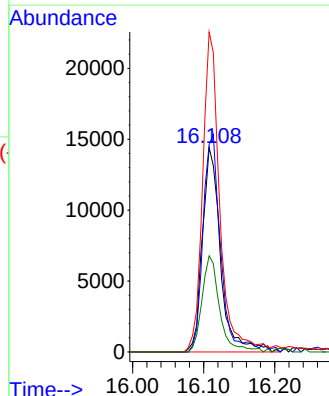
Ion Ratio Lower Upper

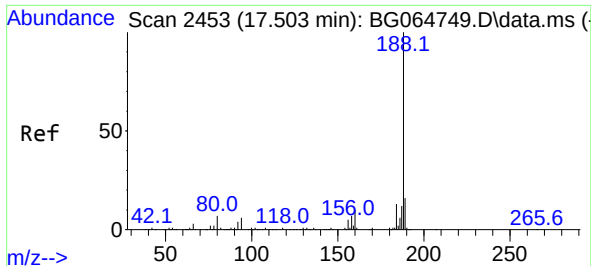
77 100

182 101.5 8.1 48.1#

105 156.6 0.1 40.1#

51 47.1 16.0 56.0

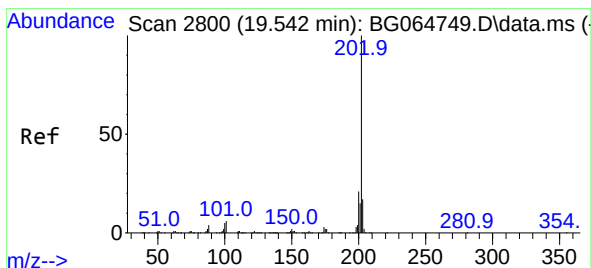
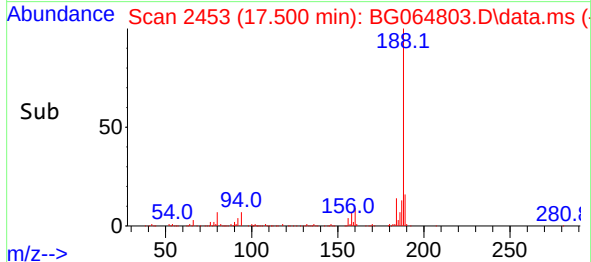
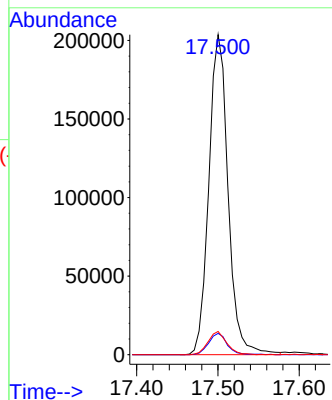
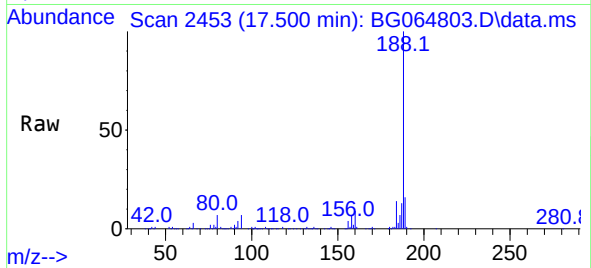




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

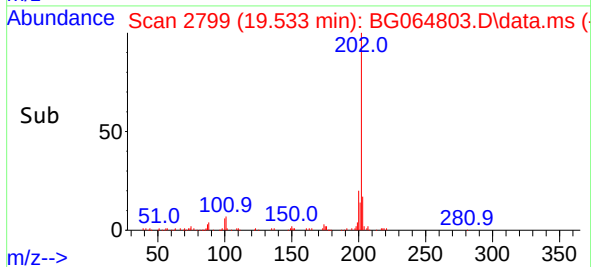
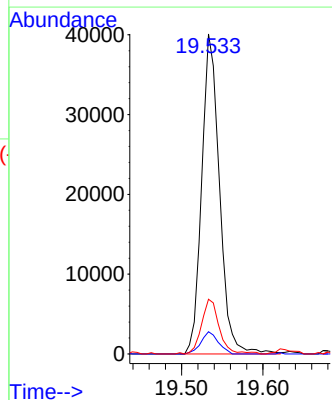
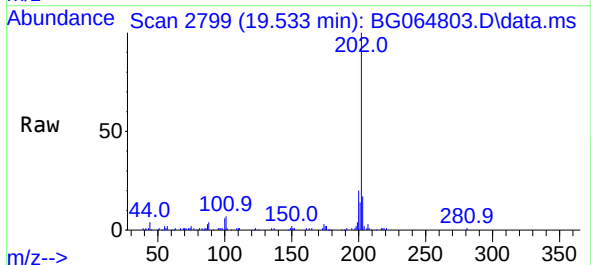
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

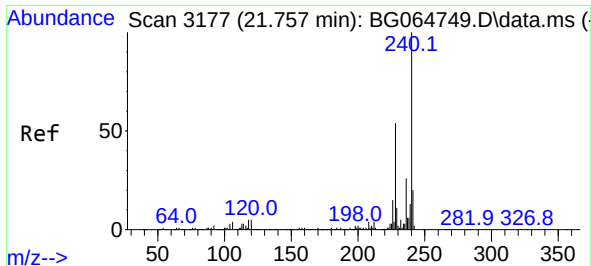
Tgt Ion:188 Resp: 334652
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.3 5.4 8.2



#75
Fluoranthene
Concen: 2.437 ng
RT: 19.533 min Scan# 2799
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:202 Resp: 61023
Ion Ratio Lower Upper
202 100
101 7.9 0.0 26.4
203 17.1 0.0 37.5

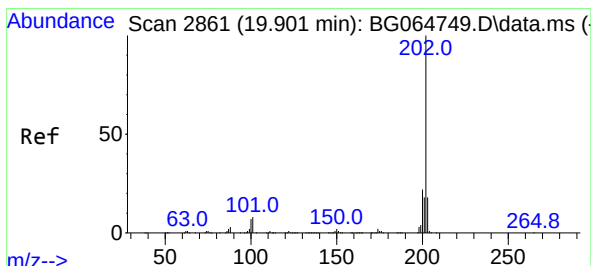
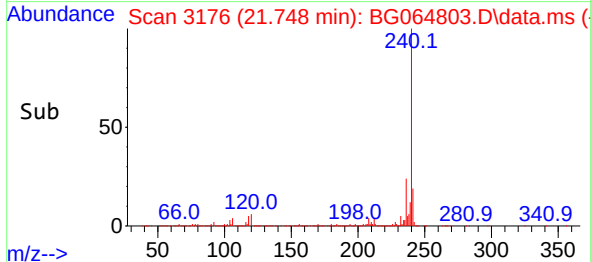
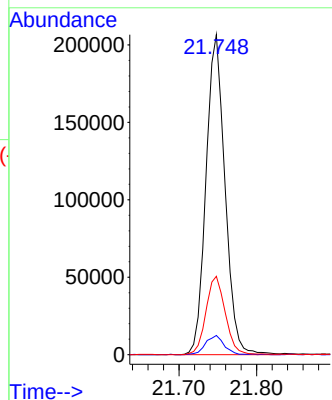
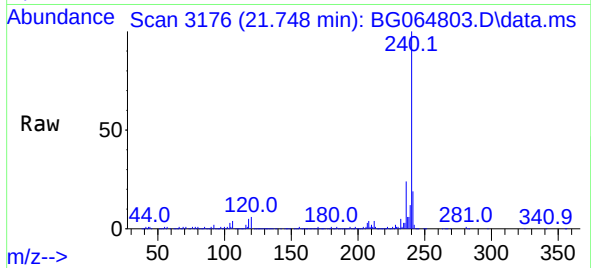




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

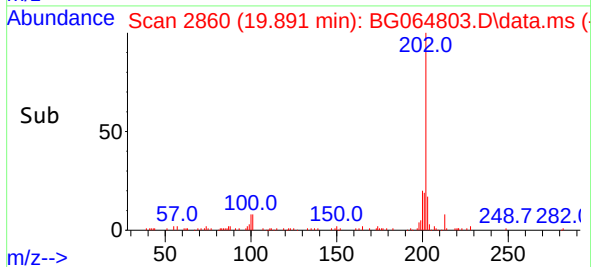
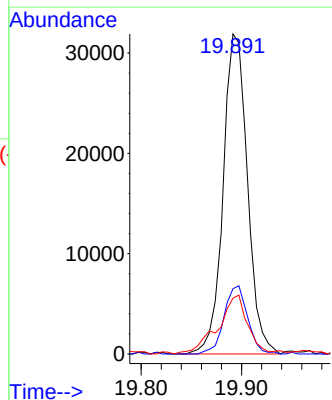
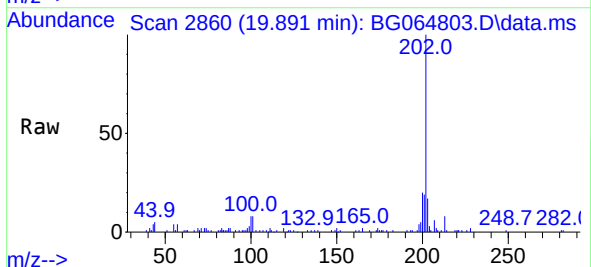
Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

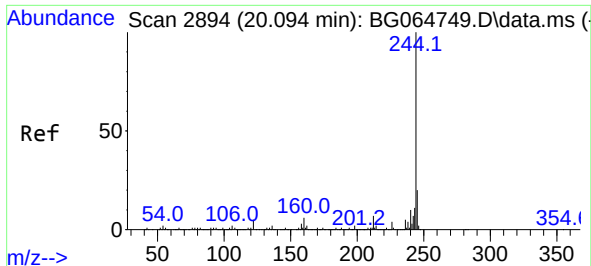
Tgt Ion:240 Resp: 351261
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 24.5 20.8 31.2



#78
Pyrene
Concen: 2.728 ng
RT: 19.891 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:202 Resp: 53703
Ion Ratio Lower Upper
202 100
200 20.4 17.9 26.9
203 17.4 14.0 21.0

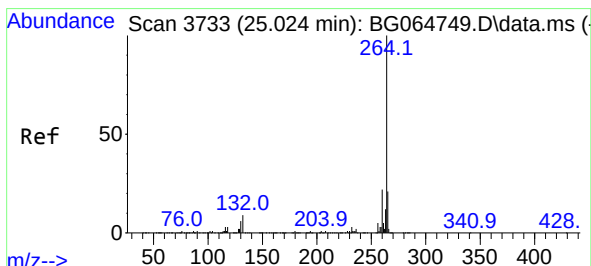
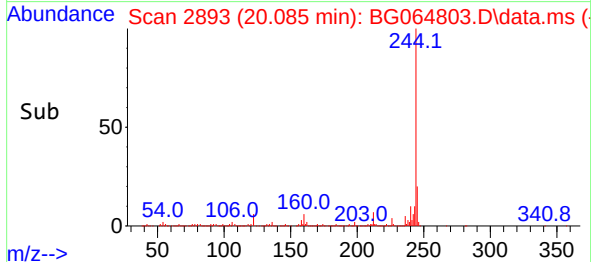
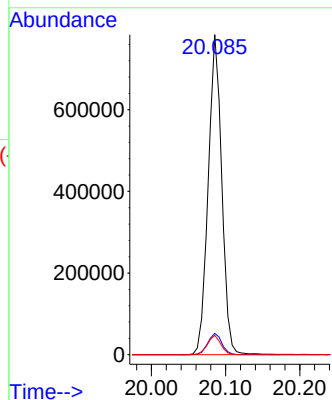
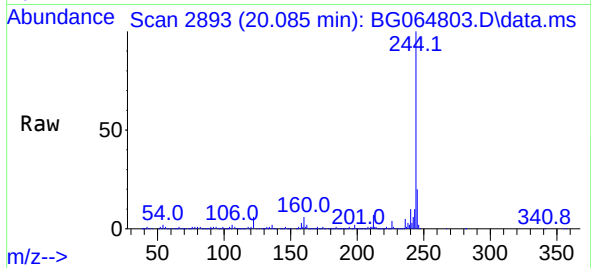




#79
Terphenyl-d14
Concen: 55.662 ng
RT: 20.085 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Instrument :
BNA_G
ClientSampleId :
TR-05-111325RX

Tgt Ion:244 Resp: 993949
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.1 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG064803.D
Acq: 18 Nov 2025 14:59

Tgt Ion:264 Resp: 364494
Ion Ratio Lower Upper
264 100
260 23.9 17.2 25.8
265 21.8 16.6 25.0

