

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064788.D
 Acq On : 17 Nov 2025 17:23
 Operator : RC/JU
 Sample : Q3628-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 17 17:59:34 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)

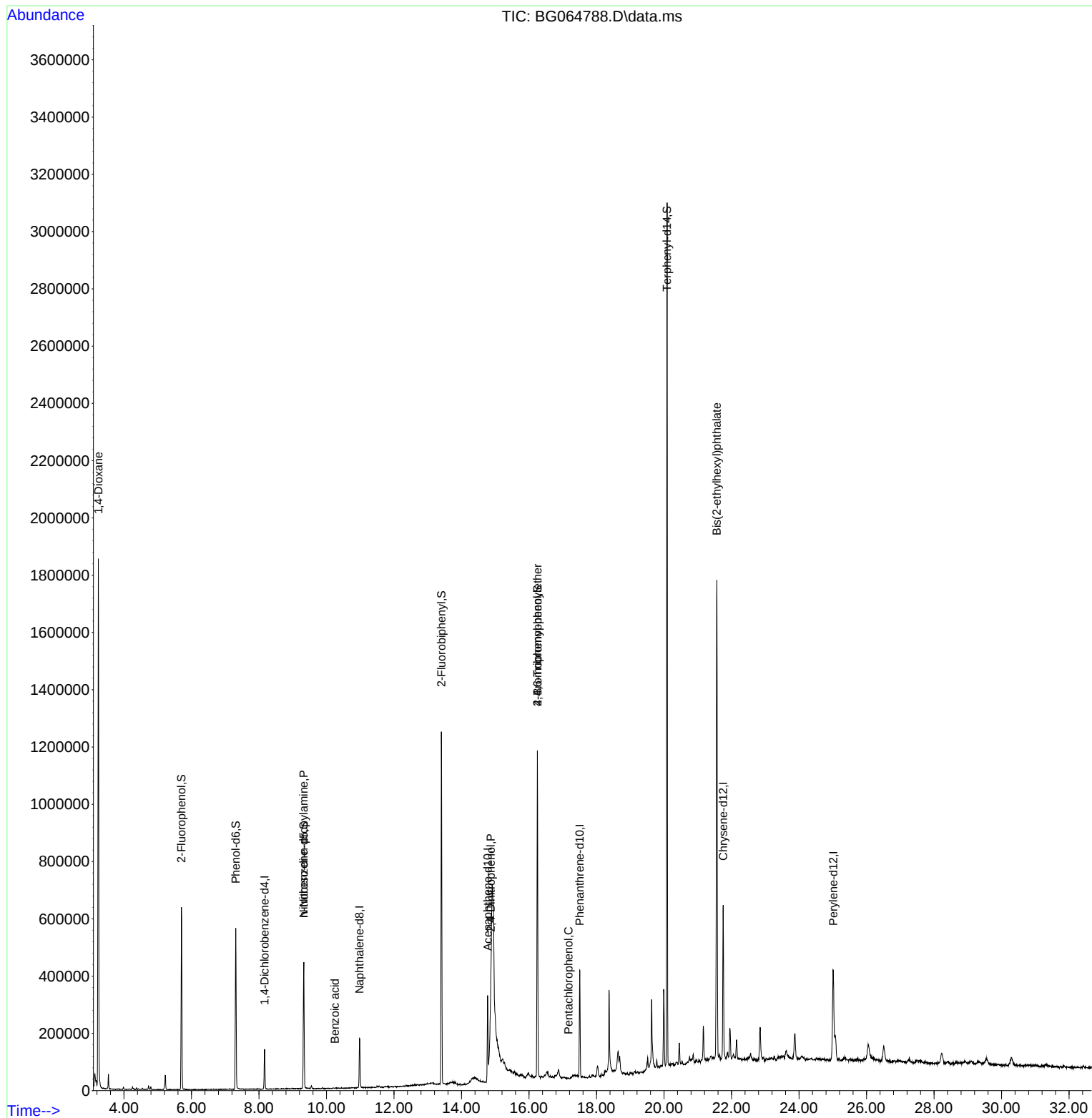
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	40002	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	145476	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	108799	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	259597	20.000	ng	0.00
76) Chrysene-d12	21.754	240	366804	20.000	ng	0.00
86) Perylene-d12	25.015	264	385091	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	258825	112.985	ng	0.00
7) Phenol-d6	7.313	99	312557	102.584	ng	0.00
23) Nitrobenzene-d5	9.328	82	254755	86.583	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	270524	127.490	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	658605	84.466	ng	0.00
79) Terphenyl-d14	20.092	244	1583724	84.932	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.241	88	15250	17.196	ng	# 1
19) n-Nitroso-di-n-propyla...	9.328	70	35190	17.082	ng	# 68
32) Benzoic acid	10.250	122	301	6.039	ng	# 1
54) 2,4-Dinitrophenol	14.868	184	108	8.669	ng	# 44
67) 4-Bromophenyl-phenylether	16.249	248	16966	4.977	ng	# 1
70) Pentachlorophenol	17.172	266	64	6.167	ng	# 16
84) Bis(2-ethylhexyl)phtha...	21.566	149	318595	30.152	ng	# 56

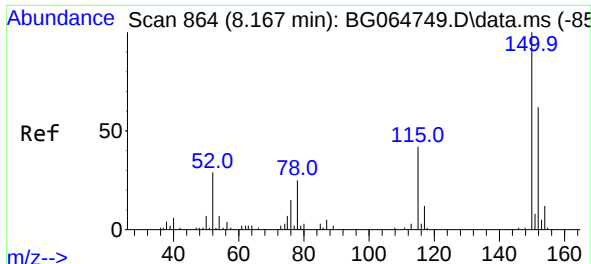
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
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BNA_G
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Quant Time: Nov 17 17:59:34 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

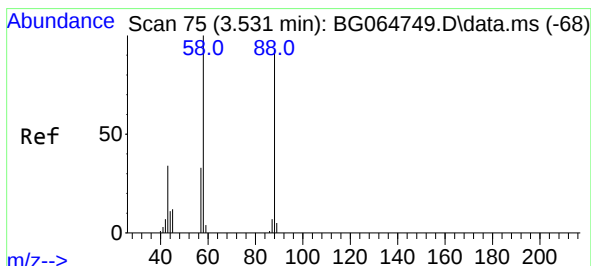
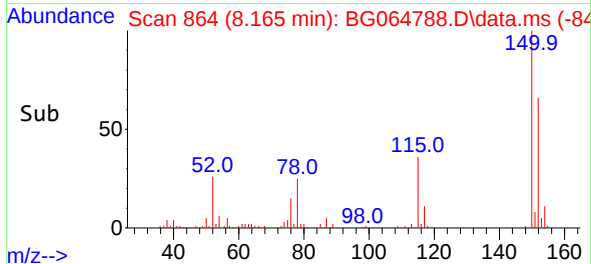
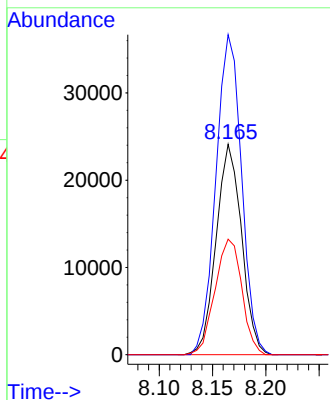
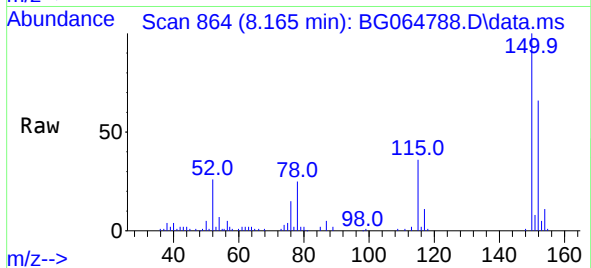




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

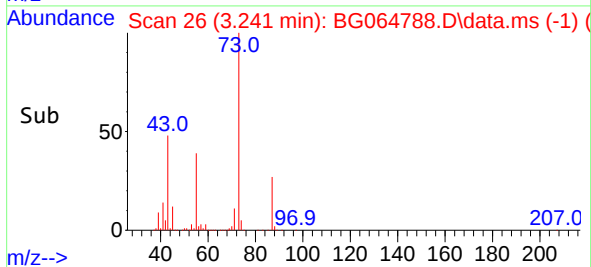
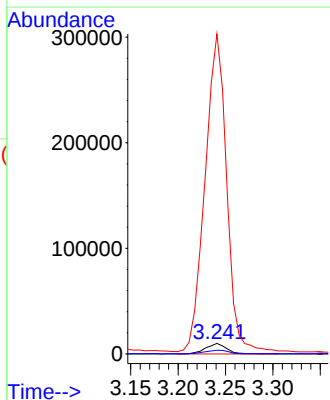
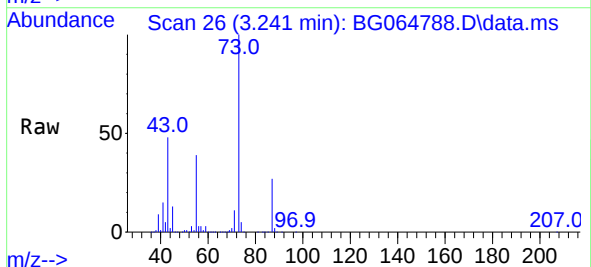
Instrument :
BNA_G
ClientSampleId :
TP-5

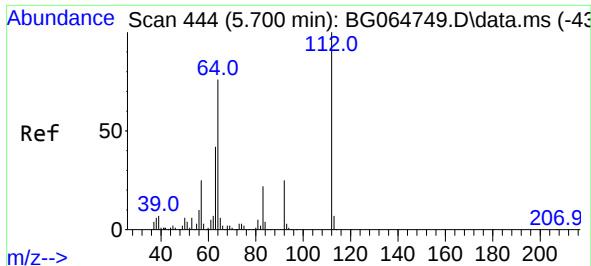
Tgt Ion:152 Resp: 40002
Ion Ratio Lower Upper
152 100
150 152.1 129.2 193.8
115 54.9 53.7 80.5



#2
1,4-Dioxane
Concen: 17.196 ng
RT: 3.241 min Scan# 26
Delta R.T. -0.291 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion: 88 Resp: 15250
Ion Ratio Lower Upper
88 100
58 37.4 84.6 126.8#
43 3161.4 30.0 45.0#

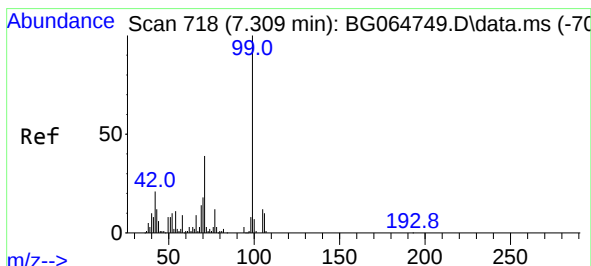
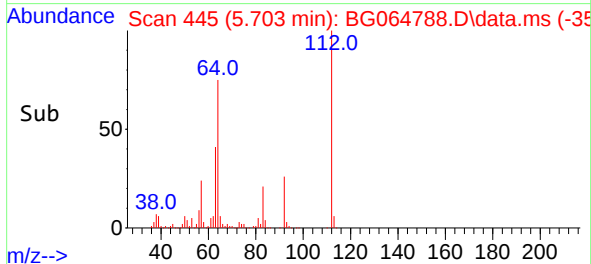
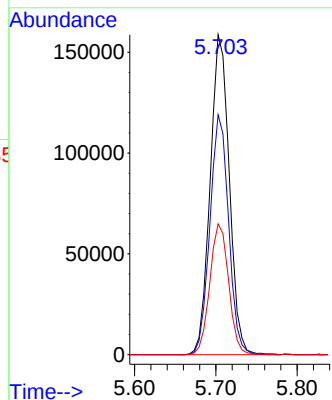
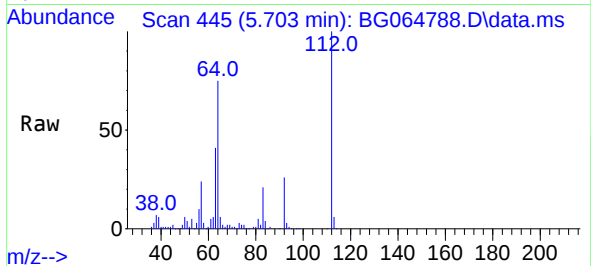




#5
2-Fluorophenol
Concen: 112.985 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

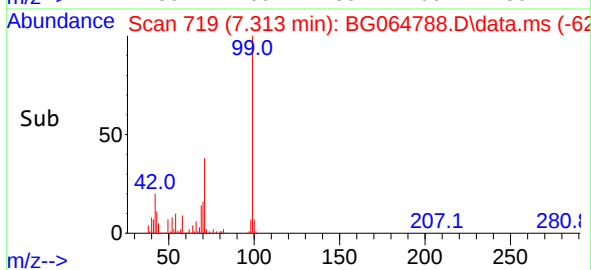
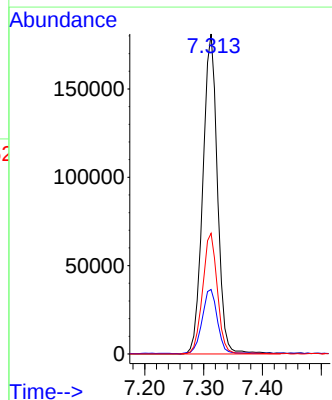
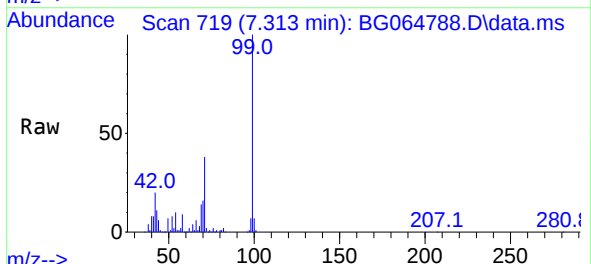
Instrument :
BNA_G
ClientSampleId :
TP-5

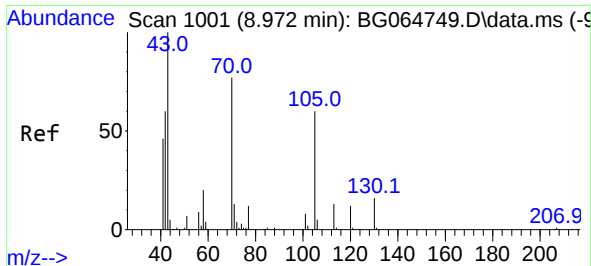
Tgt Ion:112 Resp: 258825
Ion Ratio Lower Upper
112 100
64 75.0 61.0 91.4
63 40.9 33.3 49.9



#7
Phenol-d6
Concen: 102.584 ng
RT: 7.313 min Scan# 719
Delta R.T. 0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion: 99 Resp: 312557
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 37.7 31.1 46.7

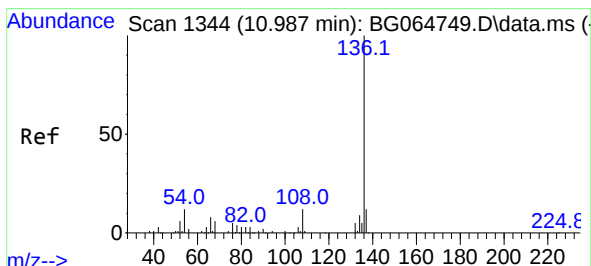
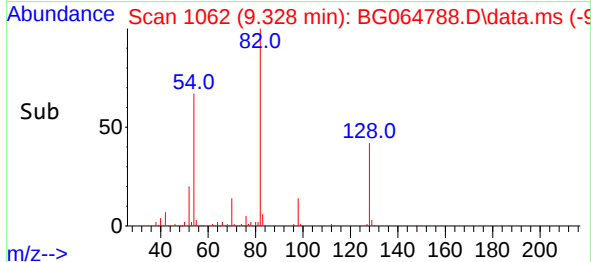
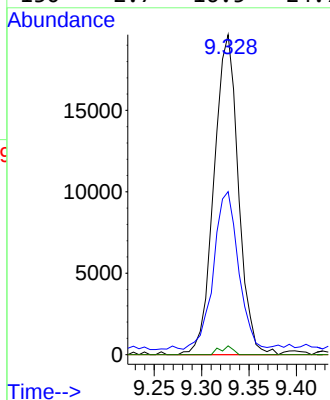
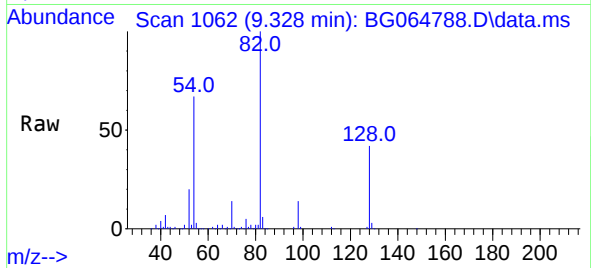




#19
n-Nitroso-di-n-propylamine
Concen: 17.082 ng
RT: 9.328 min Scan# 1062
Delta R.T. 0.356 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

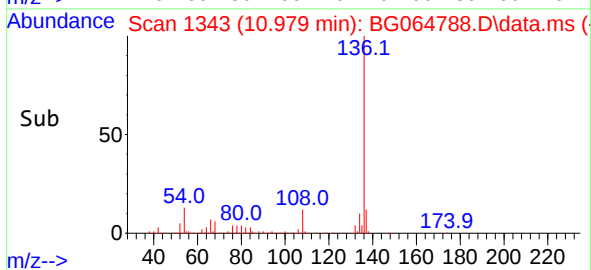
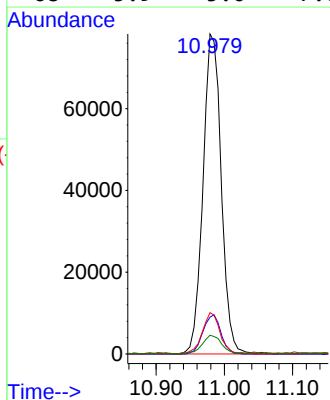
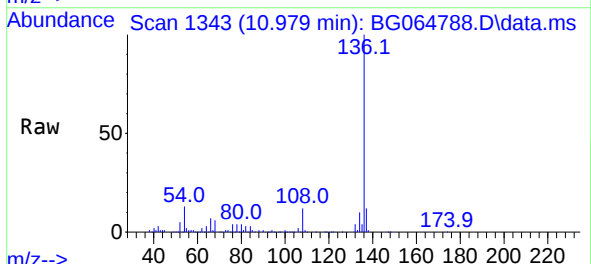
Instrument :
BNA_G
ClientSampleId :
TP-5

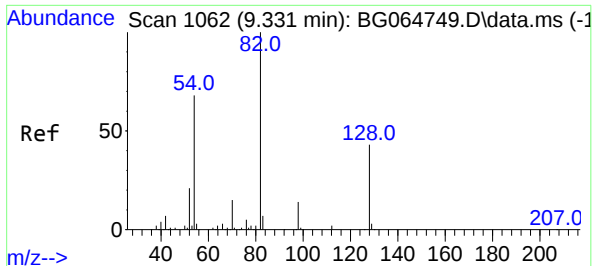
Tgt Ion: 70	Resp:	35190
Ion Ratio	Lower	Upper
70	100	
42	50.9	62.6 93.8#
101	0.0	8.0 12.0#
130	2.7	16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion: 136	Resp:	145476
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.3 13.9
54	12.9	9.3 13.9
68	5.9	5.0 7.6

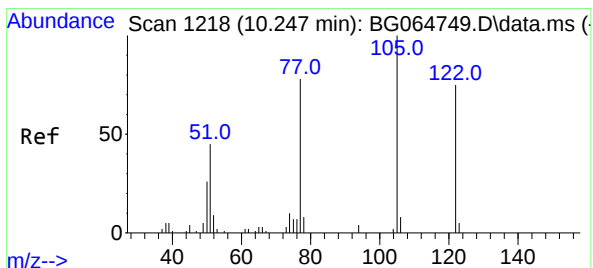
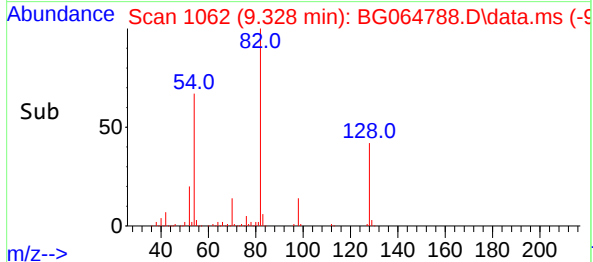
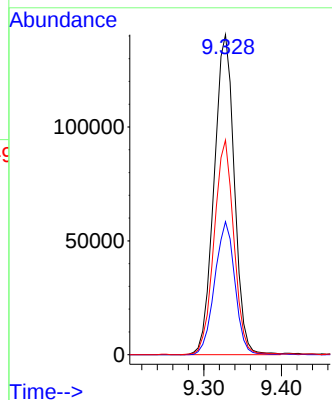
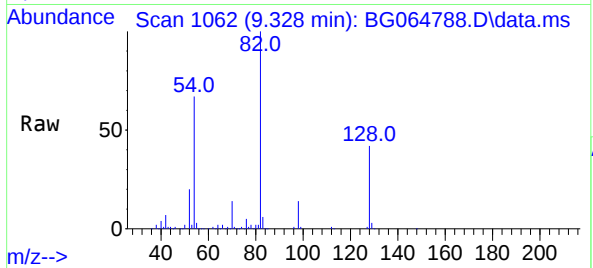




#23
Nitrobenzene-d5
Concen: 86.583 ng
RT: 9.328 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

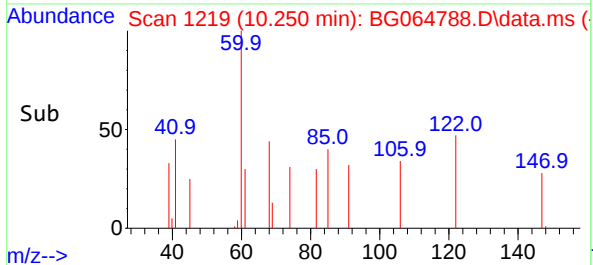
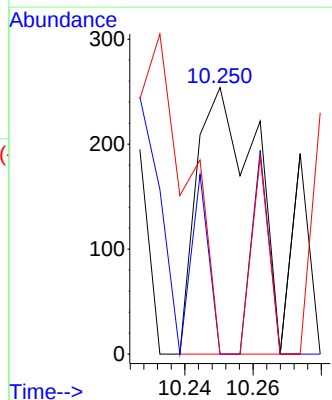
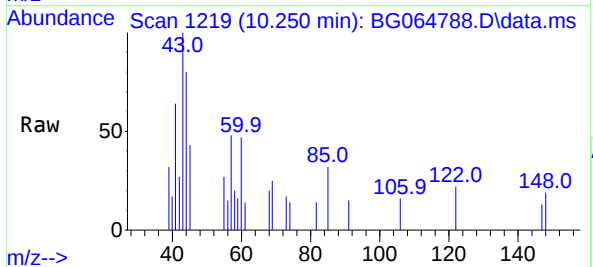
Instrument :
BNA_G
ClientSampleId :
TP-5

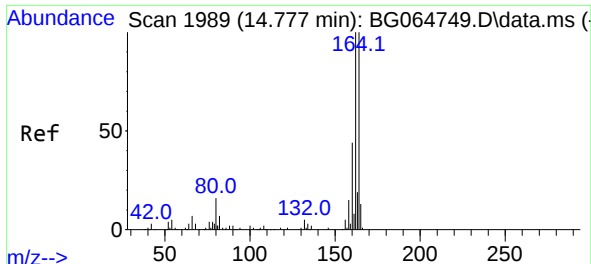
Tgt Ion: 82 Resp: 254755
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 67.0 54.3 81.5



#32
Benzoic acid
Concen: 6.039 ng
RT: 10.250 min Scan# 1219
Delta R.T. 0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:122 Resp: 301
Ion Ratio Lower Upper
122 100
105 0.0 107.6 147.6#
77 0.0 82.5 122.5#

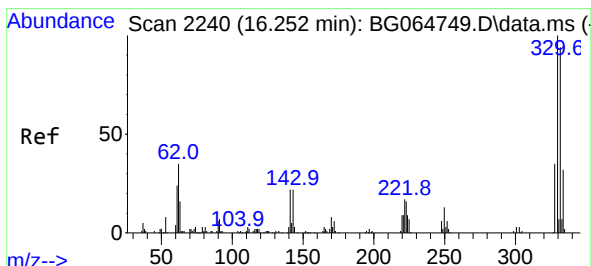
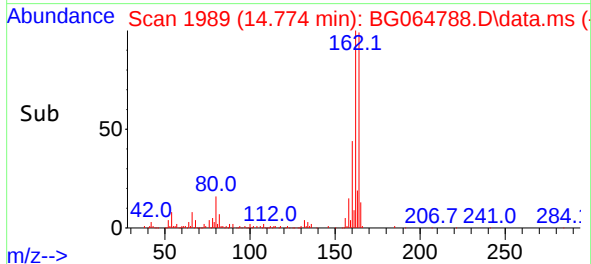
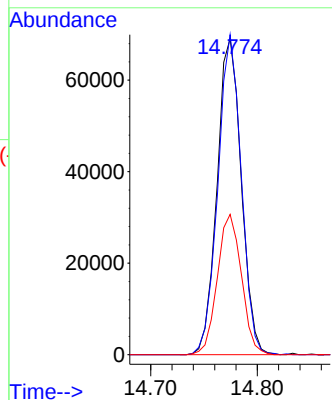
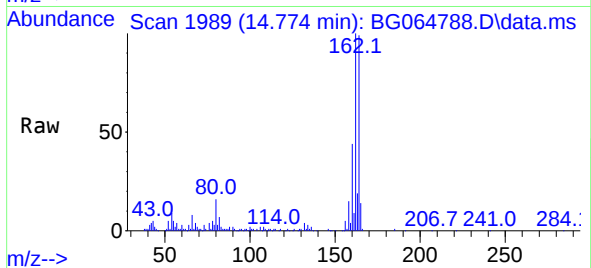




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

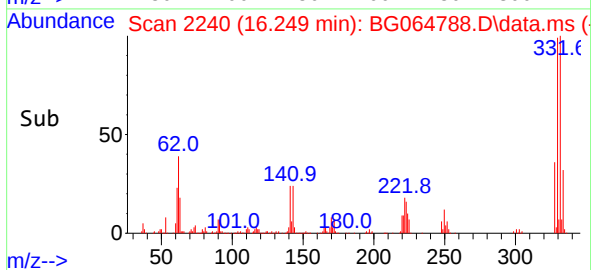
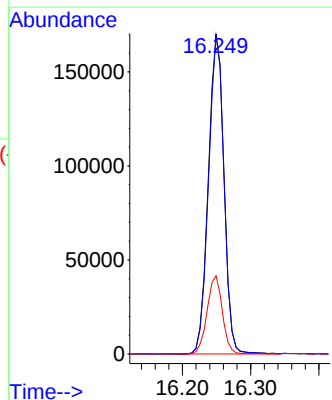
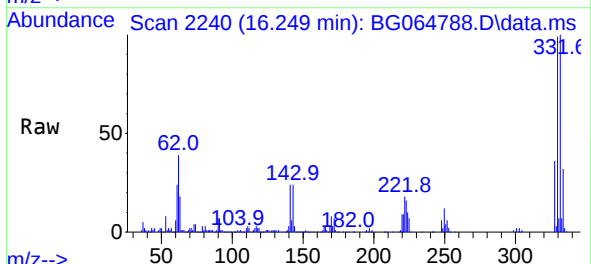
Instrument :
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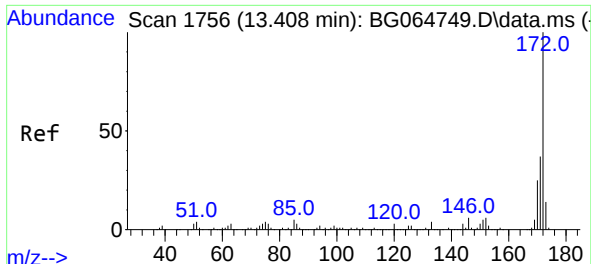
Tgt Ion:164 Resp: 108799
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 44.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 127.490 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:330 Resp: 270524
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 23.9 18.2 27.2

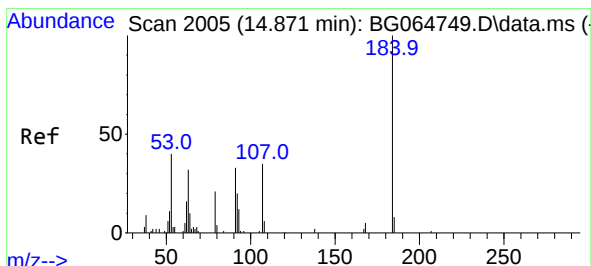
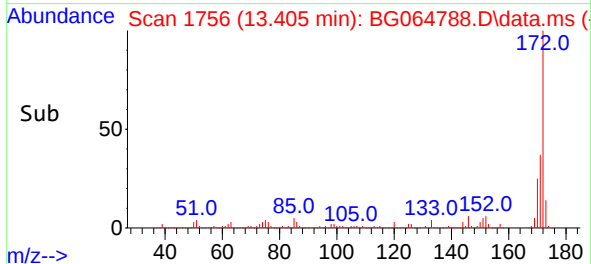
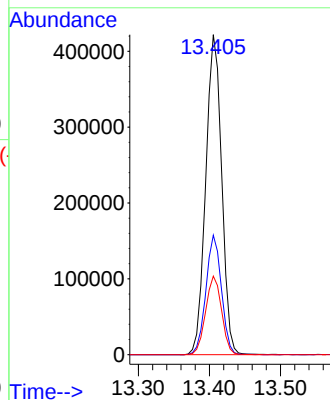
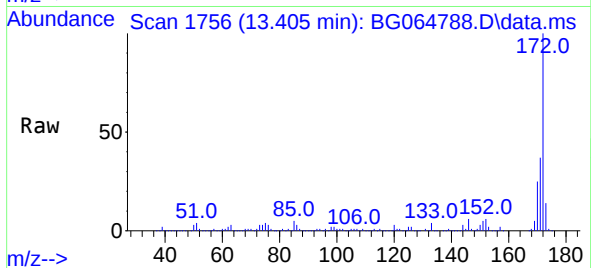




#45
2-Fluorobiphenyl
Concen: 84.466 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

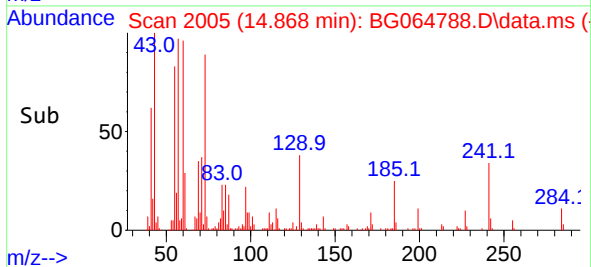
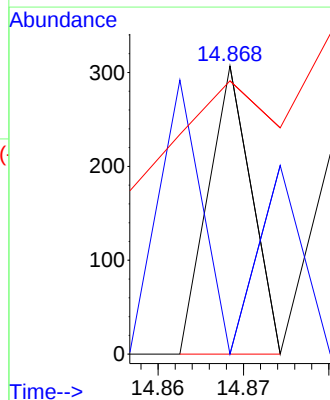
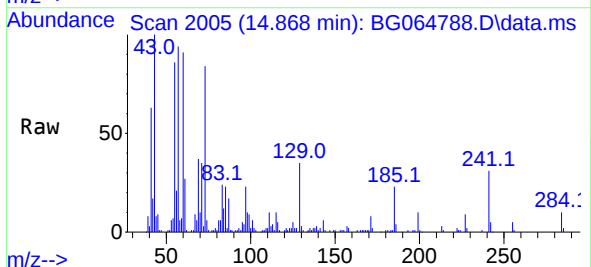
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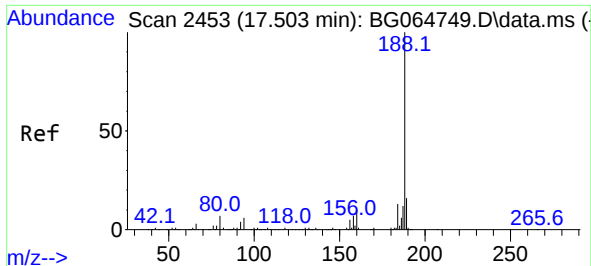
Tgt Ion:172 Resp: 658605
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 24.6 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 8.669 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 0.0 45.8 68.6#
154 94.8 52.6 78.8#

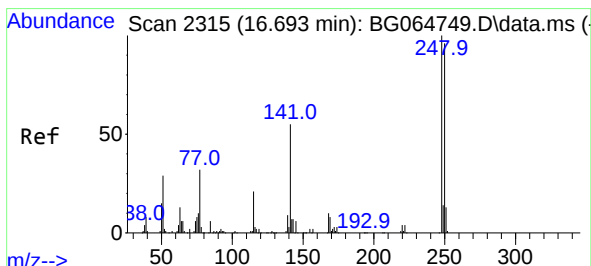
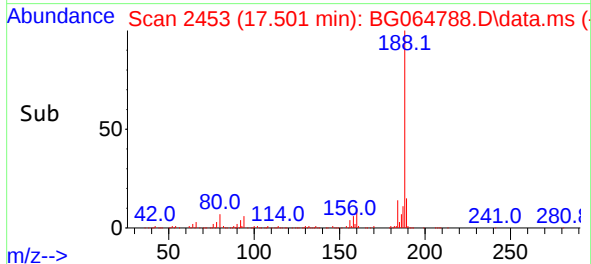
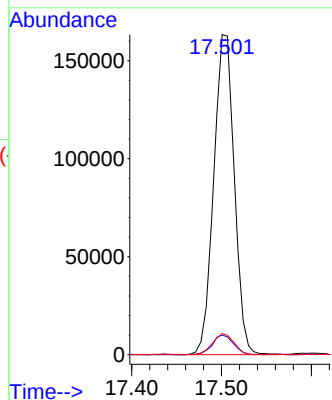
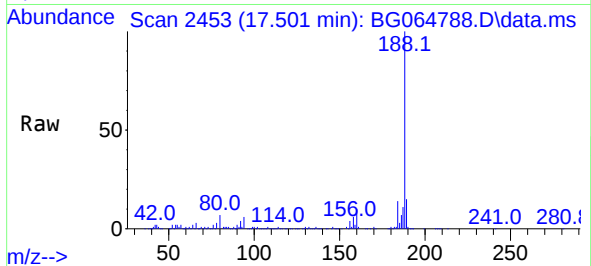




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

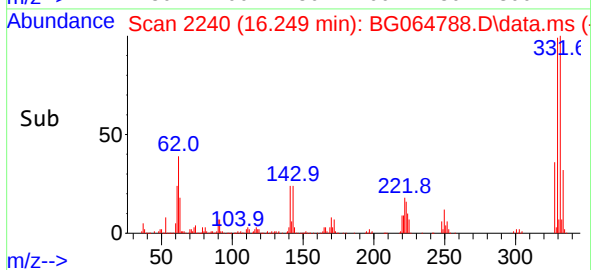
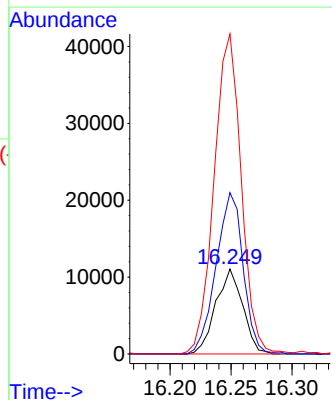
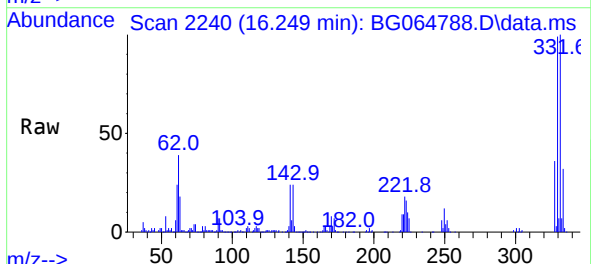
Instrument :
BNA_G
ClientSampleId :
TP-5

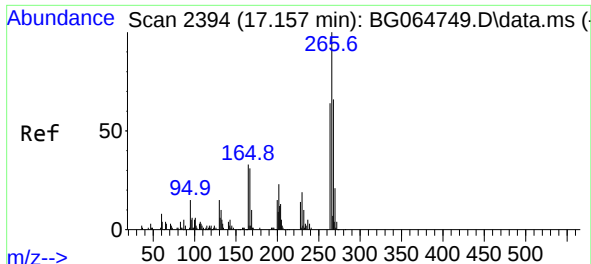
Tgt Ion:188 Resp: 259597
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 6.6 5.4 8.2



#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.443 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Tgt Ion:248 Resp: 16966
Ion Ratio Lower Upper
248 100
250 180.9 77.0 115.6#
141 272.4 43.7 65.5#

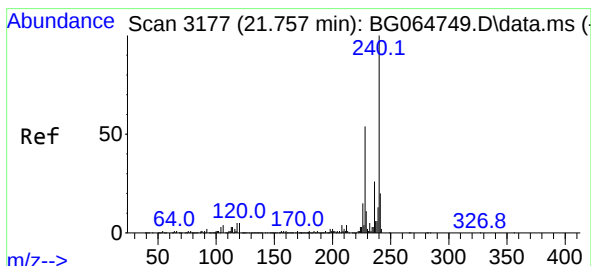
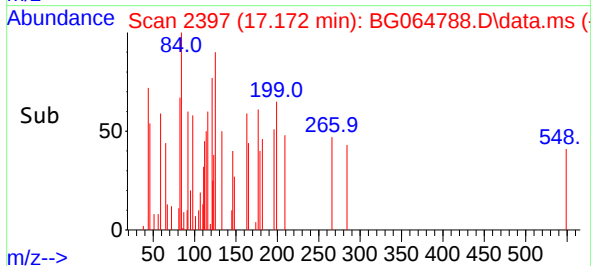
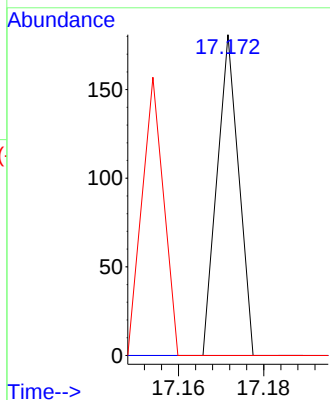
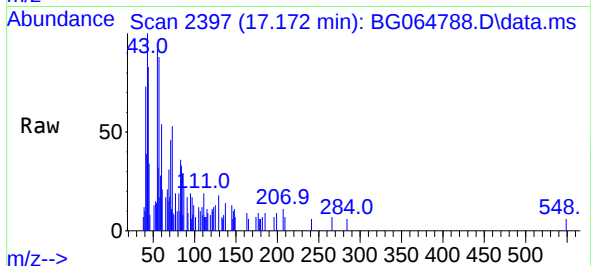




#70
 Pentachlorophenol
 Concen: 6.167 ng
 RT: 17.172 min Scan# 21
 Delta R.T. 0.015 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

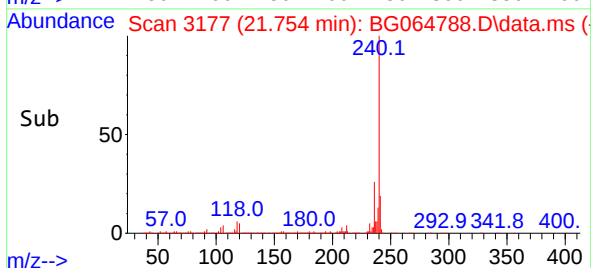
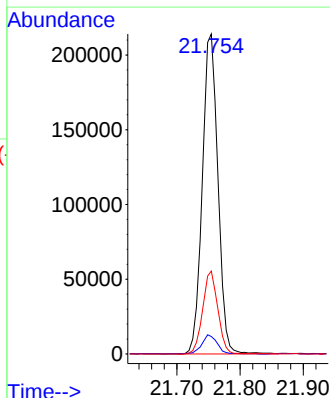
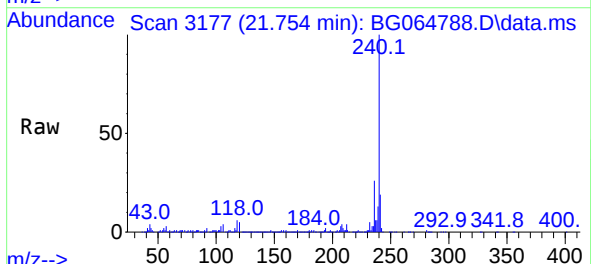
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

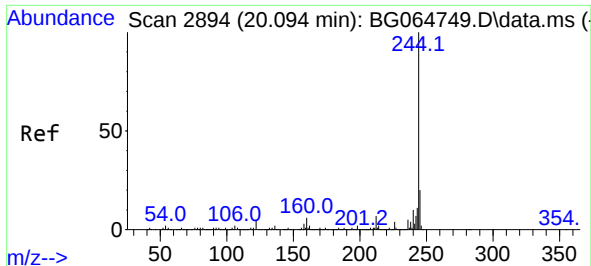
Tgt Ion:266 Resp: 64
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.1 84.1#
 264 0.0 51.2 76.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.754 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

Tgt Ion:240 Resp: 366804
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.2 6.4
 236 25.9 20.8 31.2

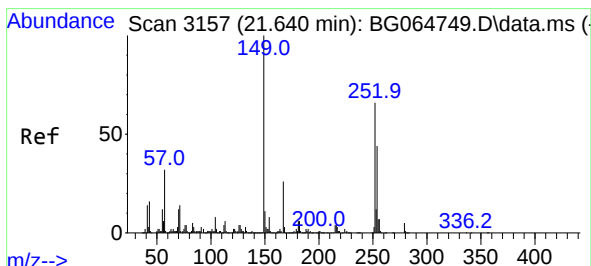
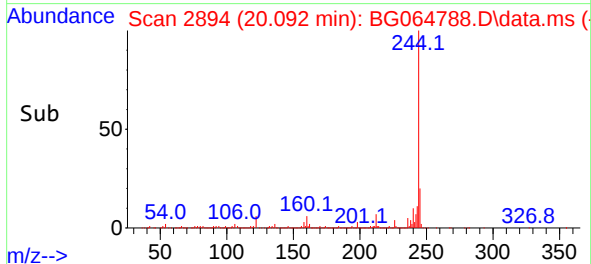
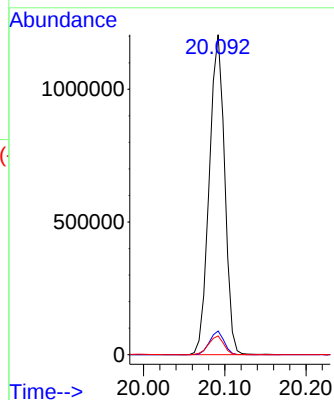
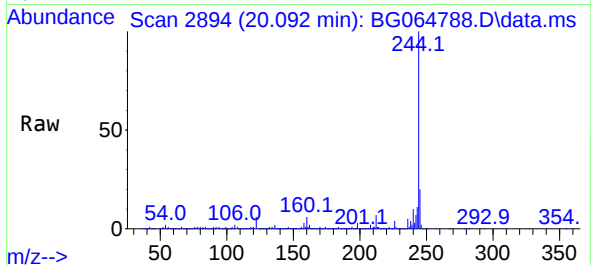




#79
 Terphenyl-d14
 Concen: 84.932 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

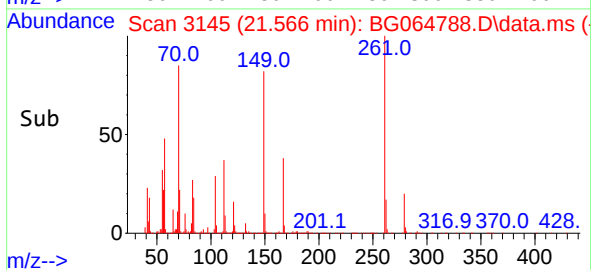
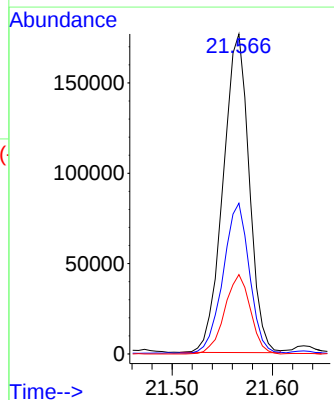
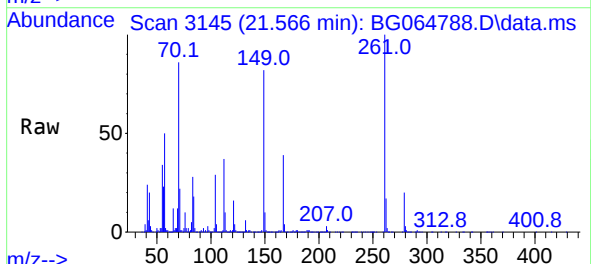
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

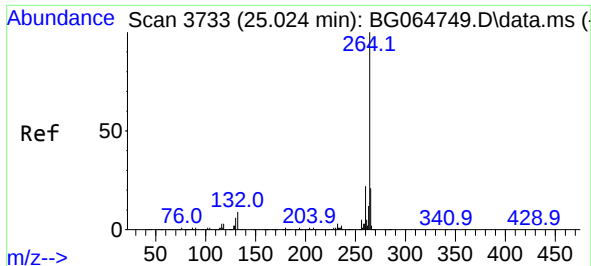
Tgt Ion:244 Resp: 1583724
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 5.8 4.3 6.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.152 ng
 RT: 21.566 min Scan# 3145
 Delta R.T. -0.073 min
 Lab File: BG064788.D
 Acq: 17 Nov 2025 17:23

Tgt Ion:149 Resp: 318595
 Ion Ratio Lower Upper
 149 100
 167 47.1 21.0 31.4#
 279 24.8 4.1 6.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064788.D
Acq: 17 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 385091

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.2	25.8
265	21.9	16.6	25.0

