

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064835.D
 Acq On : 20 Nov 2025 15:41
 Operator : RC/JU
 Sample : Q3686-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FAIRLAWN-GRAVEL

Quant Time: Nov 20 16:17:07 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	52747	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	203219	20.000	ng	0.00
39) Acenaphthene-d10	14.770	164	153890	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	278639	20.000	ng	# 0.02
76) Chrysene-d12	21.779	240	312376	20.000	ng	0.02
86) Perylene-d12	25.029	264	310182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	191490	63.394	ng	0.00
7) Phenol-d6	7.308	99	258528	64.349	ng	0.00
23) Nitrobenzene-d5	9.323	82	170315	41.437	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	186604	62.174	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	522073	47.337	ng	0.00
79) Terphenyl-d14	20.117	244	812257	51.149	ng	0.02

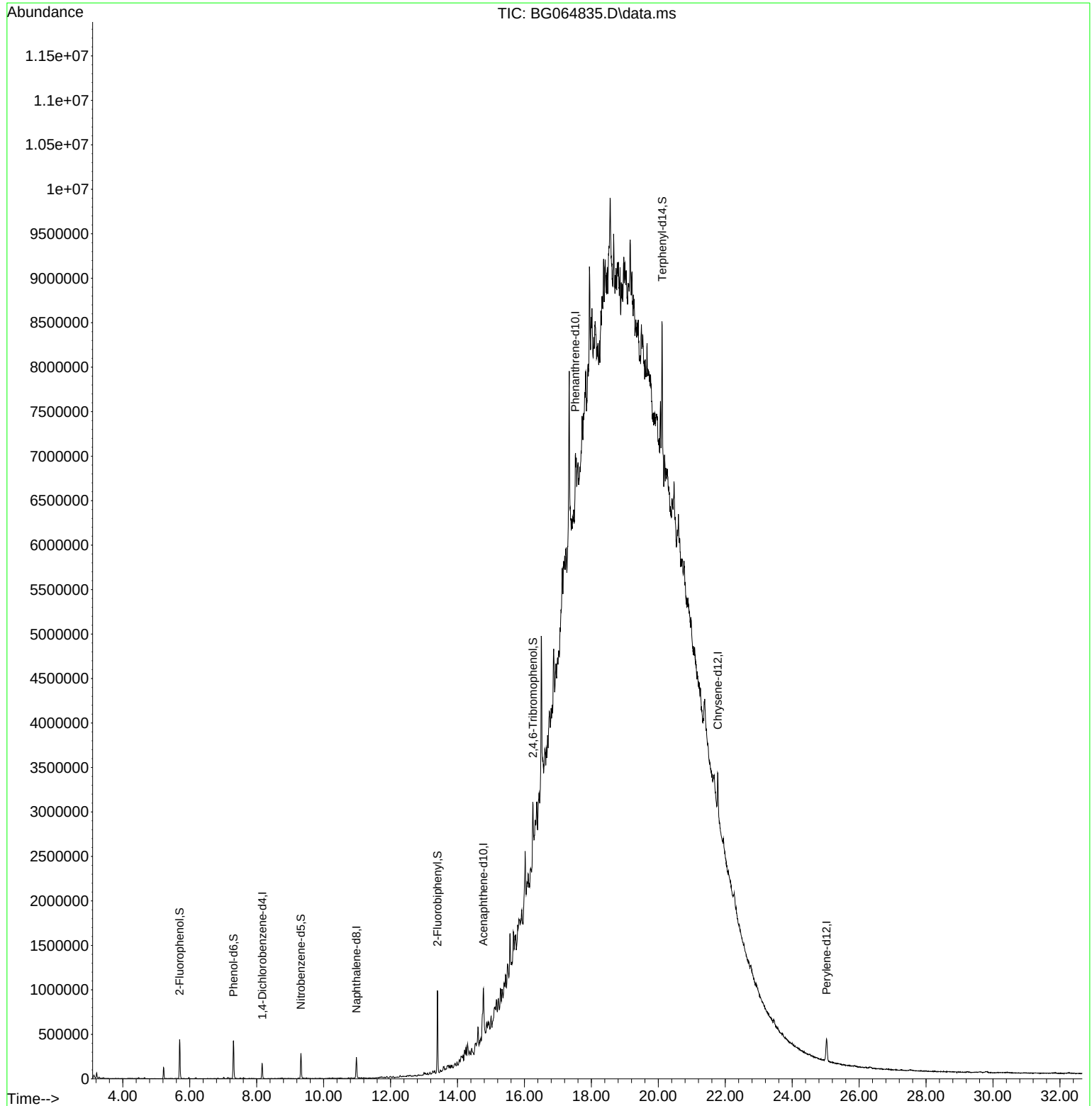
Target Compounds Qvalue

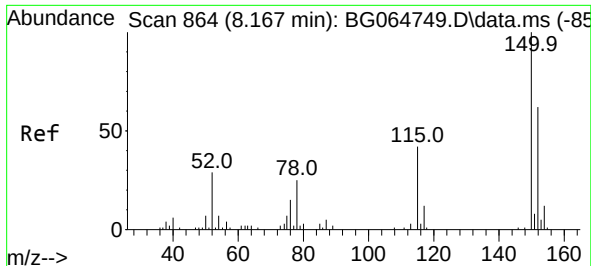
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064835.D
Acq On : 20 Nov 2025 15:41
Operator : RC/JU
Sample : Q3686-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL

Quant Time: Nov 20 16:17:07 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

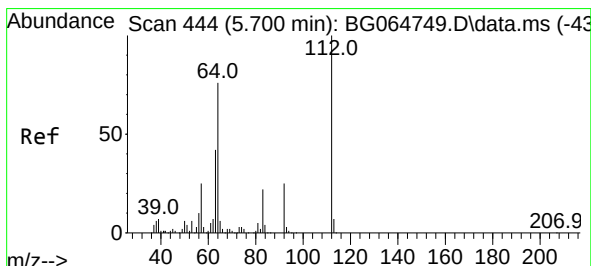
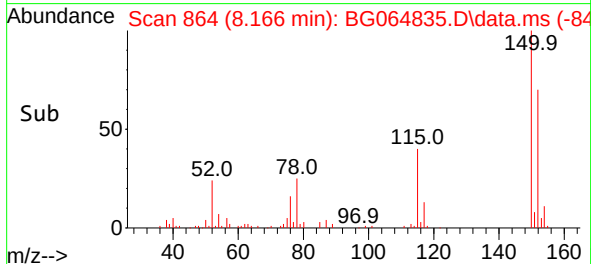
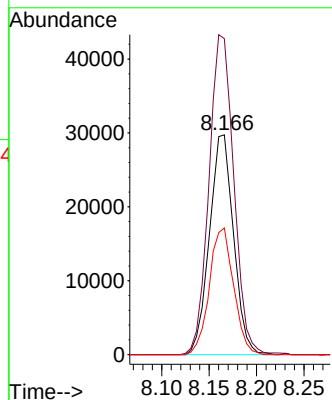
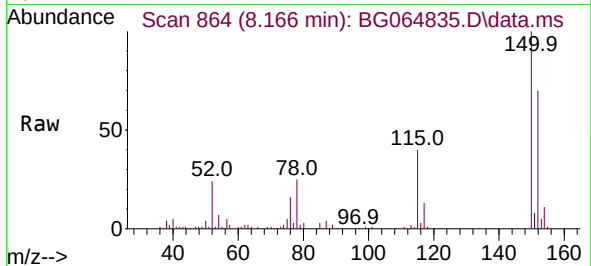




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.166 min Scan# 864
Delta R.T. -0.001 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

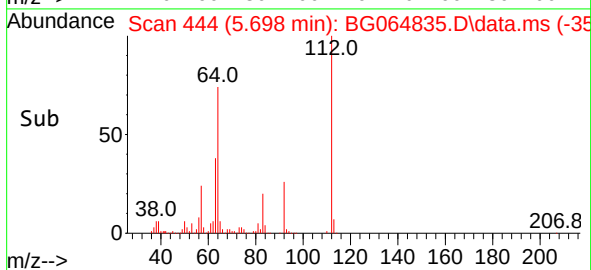
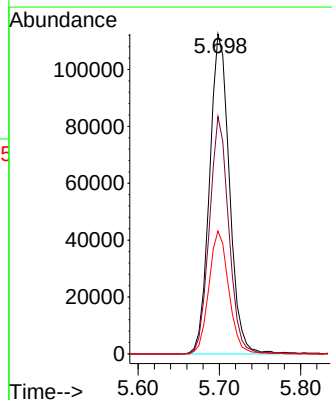
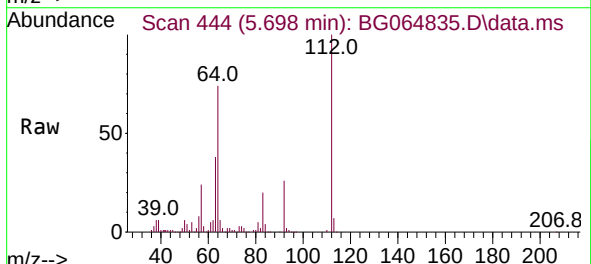
Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL

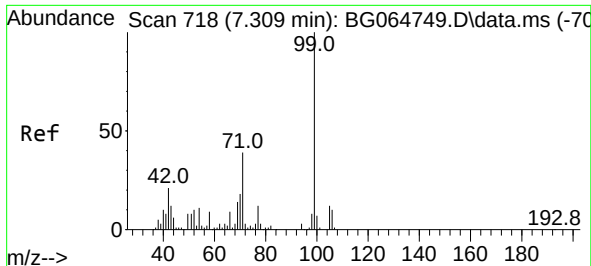
Tgt Ion:152 Resp: 52747
Ion Ratio Lower Upper
152 100
150 143.8 129.2 193.8
115 57.6 53.7 80.5



#5
2-Fluorophenol
Concen: 63.394 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

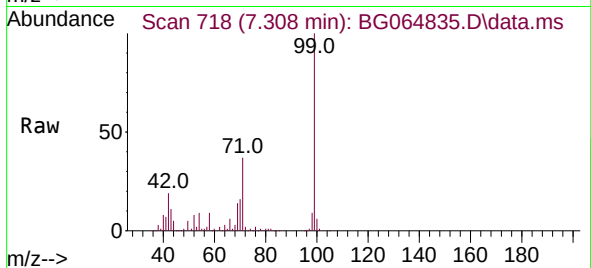
Tgt Ion:112 Resp: 191490
Ion Ratio Lower Upper
112 100
64 74.2 61.0 91.4
63 38.4 33.3 49.9



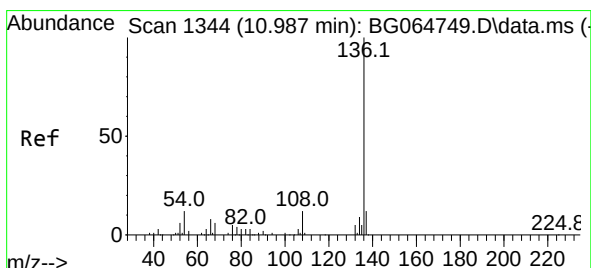
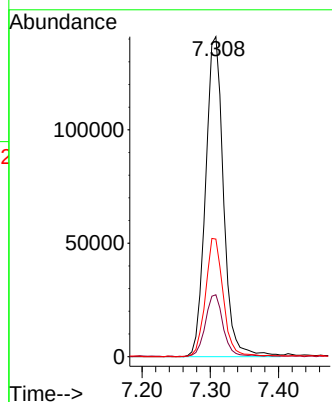
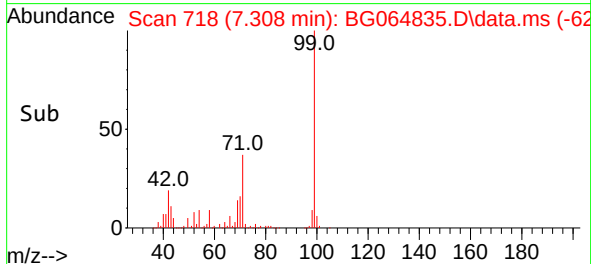


#7
Phenol-d6
Concen: 64.349 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

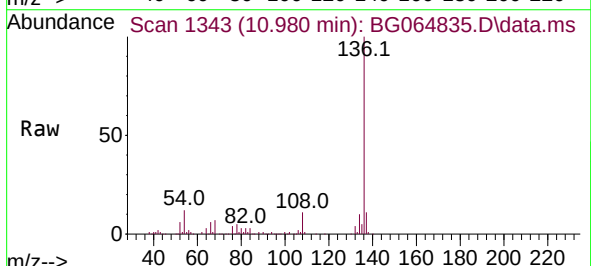
Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL



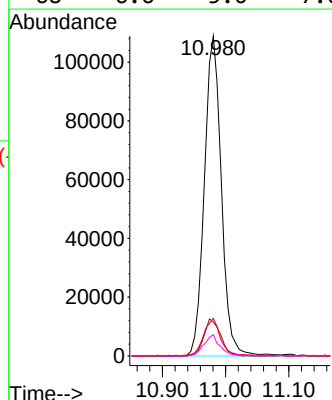
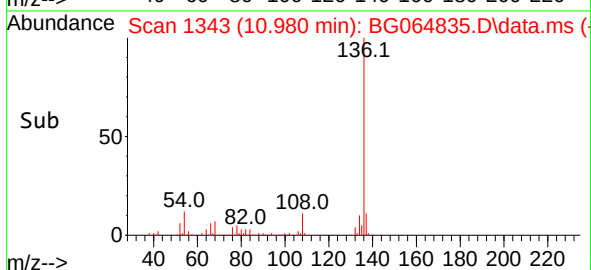
Tgt Ion: 99 Resp: 258528
Ion Ratio Lower Upper
99 100
42 19.3 16.8 25.2
71 36.7 31.1 46.7

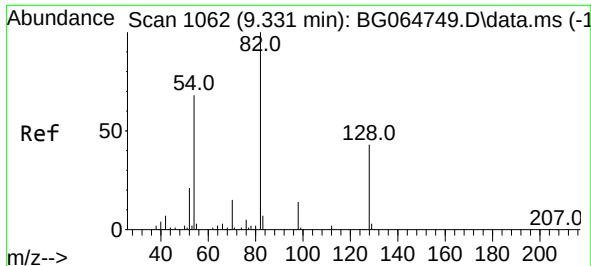


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41



Tgt Ion:136 Resp: 203219
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 11.7 9.3 13.9
68 6.6 5.0 7.6

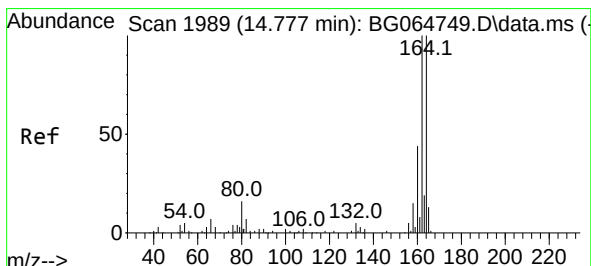
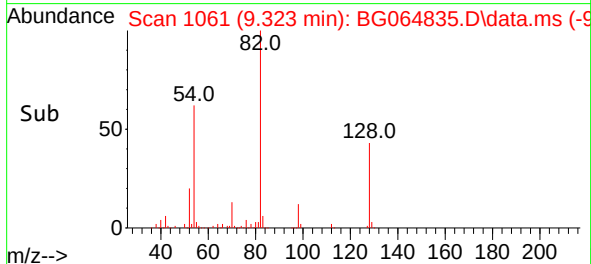
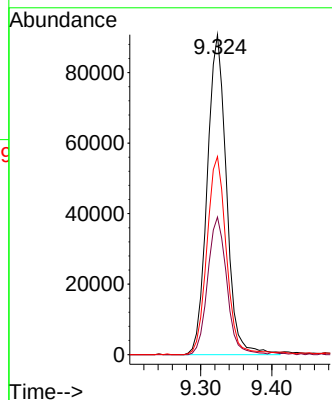
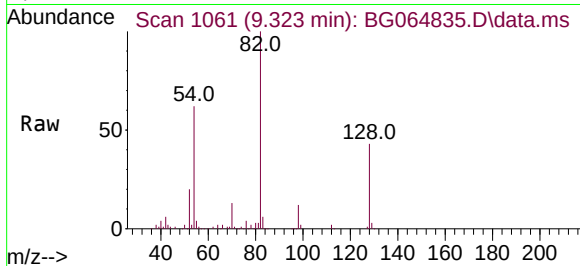




#23
Nitrobenzene-d5
Concen: 41.437 ng
RT: 9.323 min Scan# 1062
Delta R.T. -0.007 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

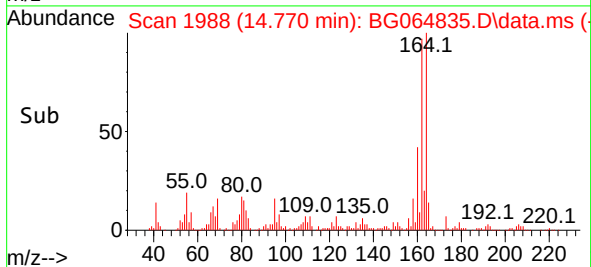
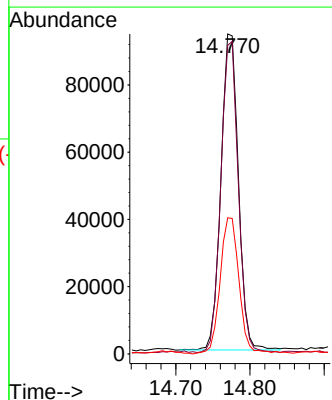
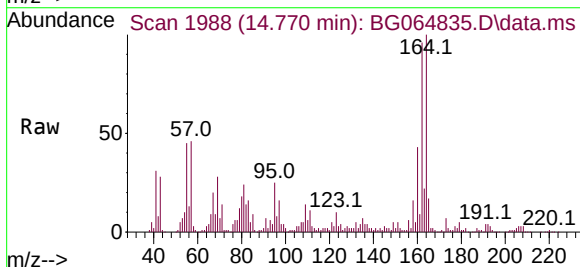
Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL

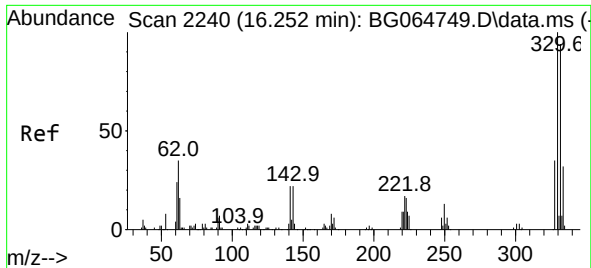
Tgt Ion: 82 Resp: 170315
Ion Ratio Lower Upper
82 100
128 43.0 34.1 51.1
54 61.9 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1988
Delta R.T. -0.007 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

Tgt Ion:164 Resp: 153890
Ion Ratio Lower Upper
164 100
162 96.4 79.8 119.6
160 42.5 34.9 52.3

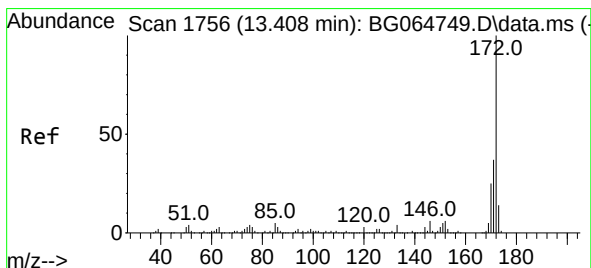
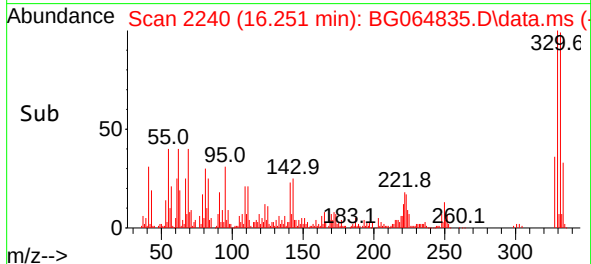
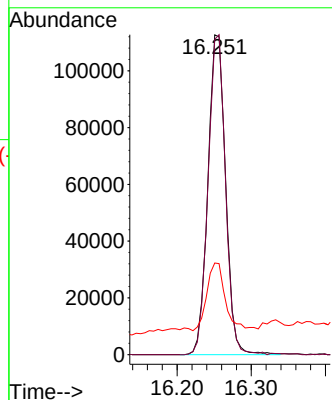
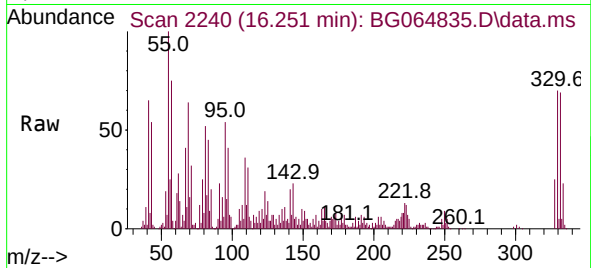




#42
2,4,6-Tribromophenol
Concen: 62.174 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

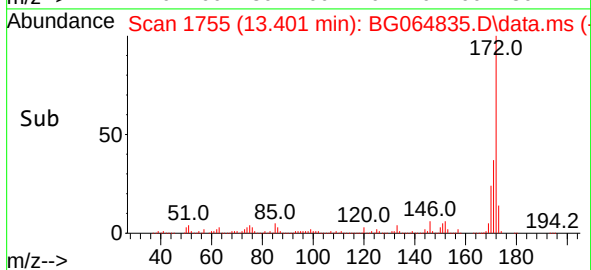
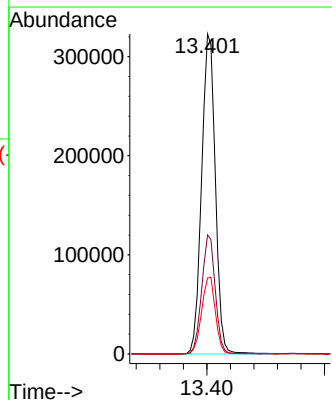
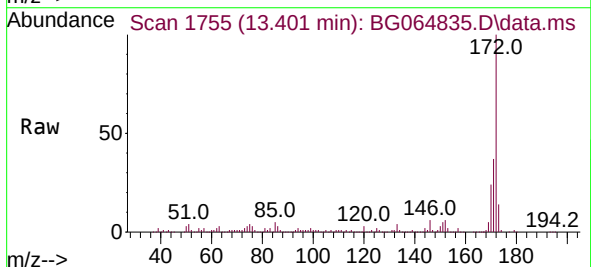
Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL

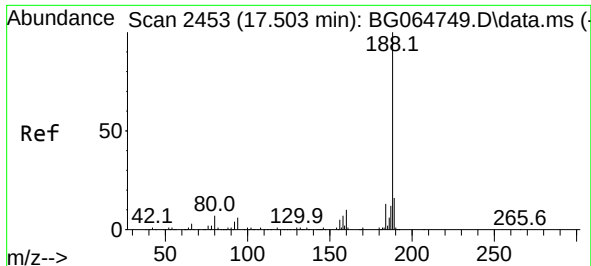
Tgt Ion:330 Resp: 186604
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 22.2 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 47.337 ng
RT: 13.401 min Scan# 1755
Delta R.T. -0.007 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

Tgt Ion:172 Resp: 522073
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 23.7 19.8 29.6

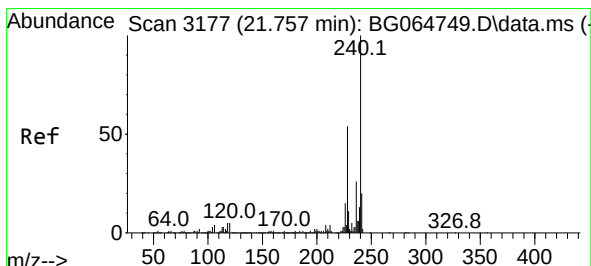
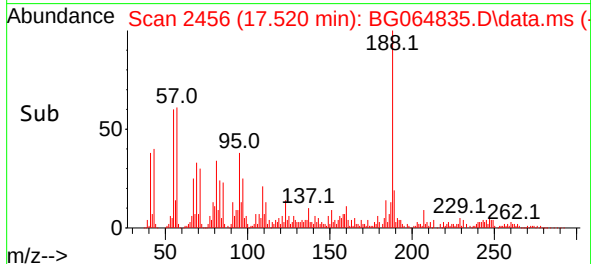
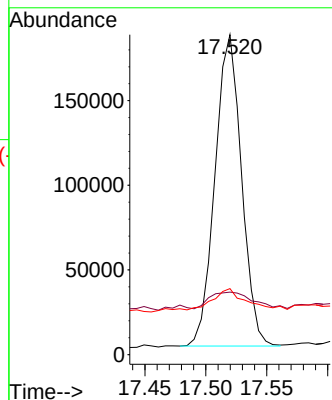
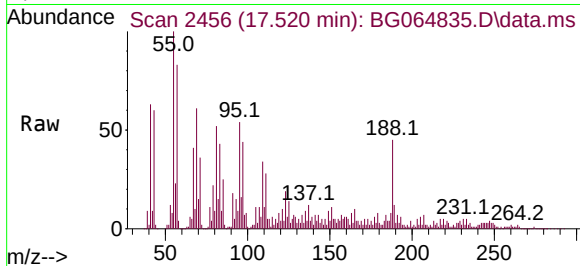




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.520 min Scan# 2453
Delta R.T. 0.016 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

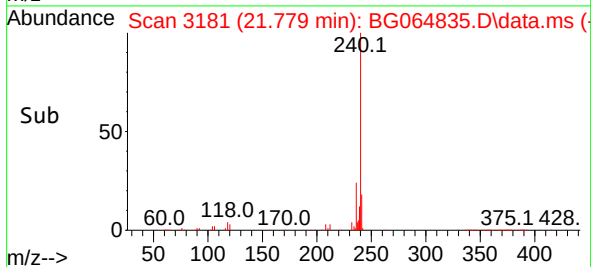
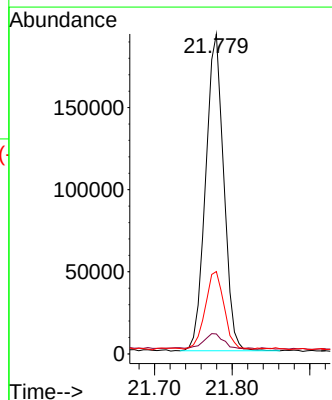
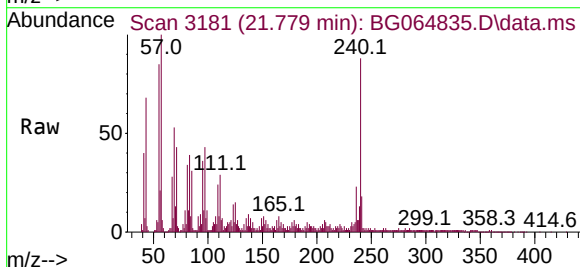
Instrument :
BNA_G
ClientSampleId :
FAIRLAWN-GRAVEL

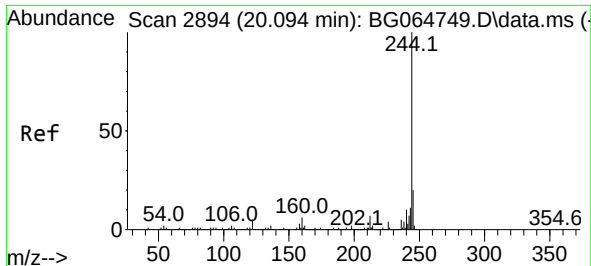
Tgt Ion:188 Resp: 278639
Ion Ratio Lower Upper
188 100
94 19.5 4.7 7.1#
80 20.6 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.779 min Scan# 3181
Delta R.T. 0.022 min
Lab File: BG064835.D
Acq: 20 Nov 2025 15:41

Tgt Ion:240 Resp: 312376
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 25.7 20.8 31.2

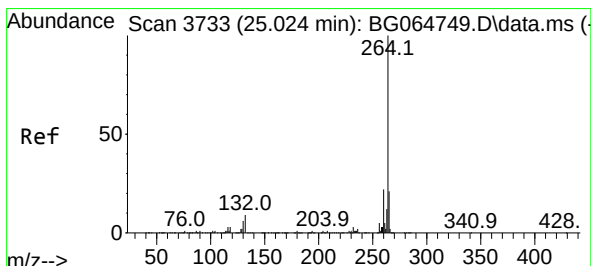
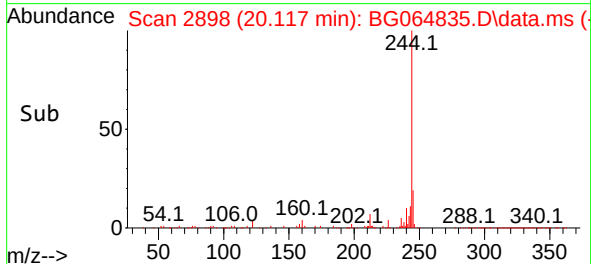
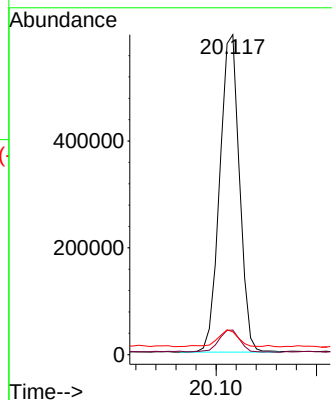
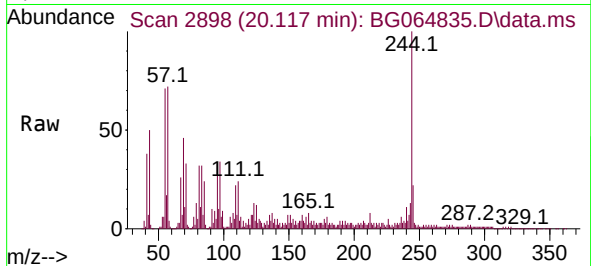




#79
 Terphenyl-d14
 Concen: 51.149 ng
 RT: 20.117 min Scan# 2898
 Delta R.T. 0.022 min
 Lab File: BG064835.D
 Acq: 20 Nov 2025 15:41

Instrument :
 BNA_G
 ClientSampleId :
 FAIRLAWN-GRAVEL

Tgt Ion:244 Resp: 812257
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 7.1 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.029 min Scan# 3734
 Delta R.T. 0.005 min
 Lab File: BG064835.D
 Acq: 20 Nov 2025 15:41

Tgt Ion:264 Resp: 310182
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.2 25.8
 265 21.7 16.6 25.0

