

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064809.D
 Acq On : 18 Nov 2025 19:04
 Operator : RC/JU
 Sample : Q3656-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

Quant Time: Nov 19 00:00:56 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)

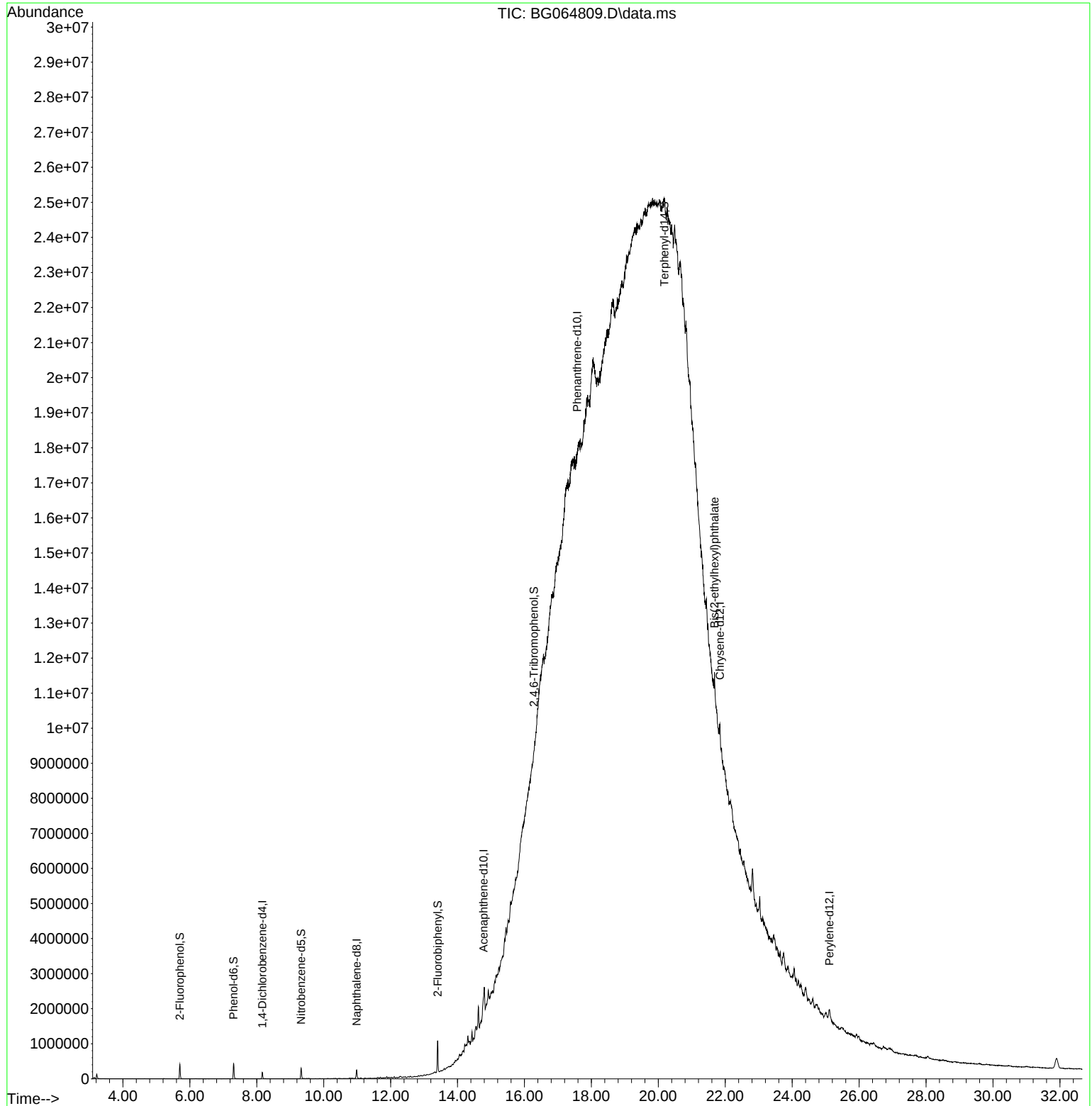
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	55498	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	200042	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	133402	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	232300	20.000	ng	# 0.07
76) Chrysene-d12	21.836	240	249400	20.000	ng	# 0.08
86) Perylene-d12	25.109	264	308487	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	182785	57.512	ng	0.00
7) Phenol-d6	7.306	99	252193	59.661	ng	0.00
23) Nitrobenzene-d5	9.327	82	178507	44.120	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	166046	63.821	ng	0.03
45) 2-Fluorobiphenyl	13.405	172	490306	51.284	ng	0.00
79) Terphenyl-d14	20.179	244	468799	36.976	ng	0.08
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.678	149	218189	30.370	ng	Qvalue # 81

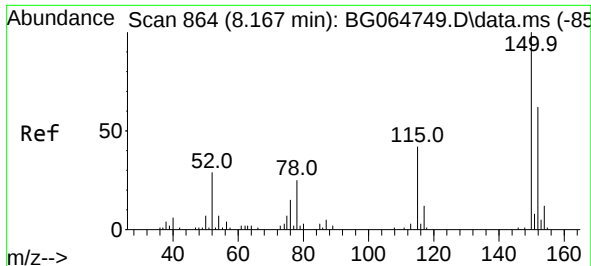
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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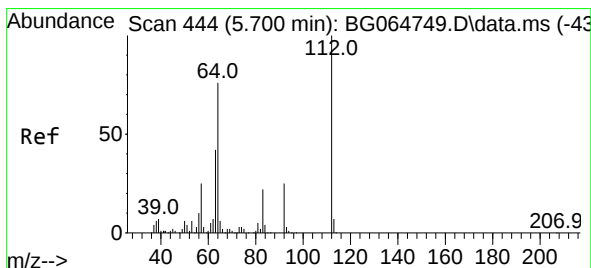
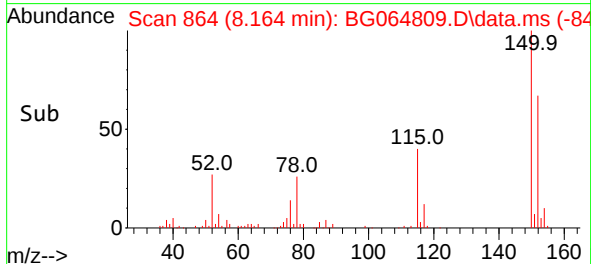
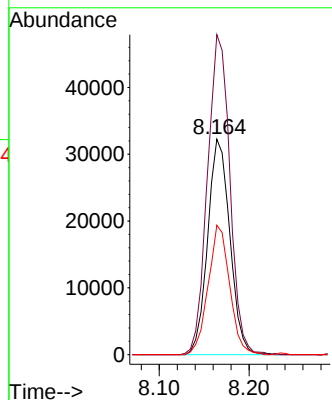
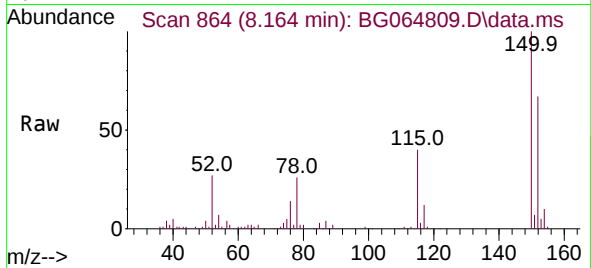




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

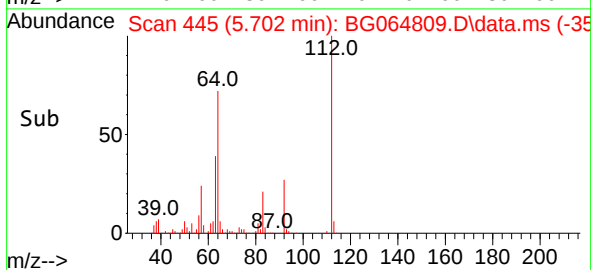
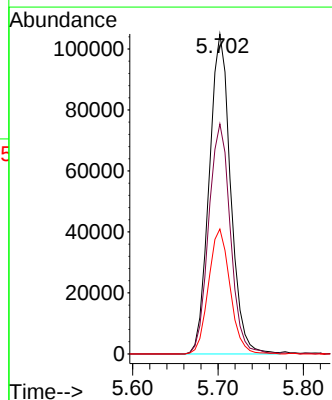
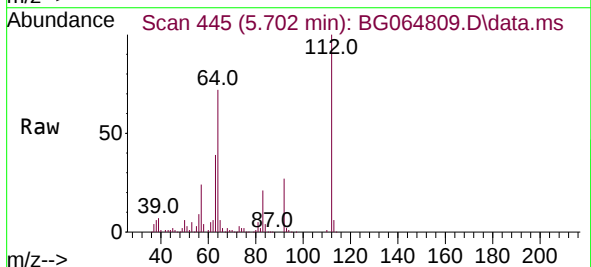
Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

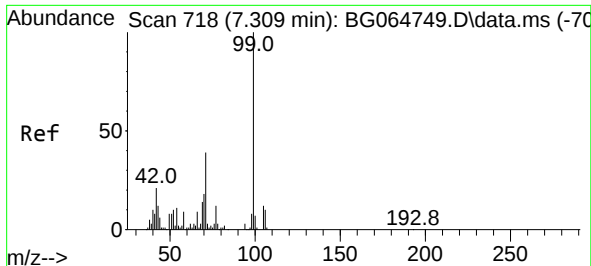
Tgt Ion:152 Resp: 55498
 Ion Ratio Lower Upper
 152 100
 150 148.5 129.2 193.8
 115 60.1 53.7 80.5



#5
 2-Fluorophenol
 Concen: 57.512 ng
 RT: 5.702 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

Tgt Ion:112 Resp: 182785
 Ion Ratio Lower Upper
 112 100
 64 71.9 61.0 91.4
 63 39.1 33.3 49.9

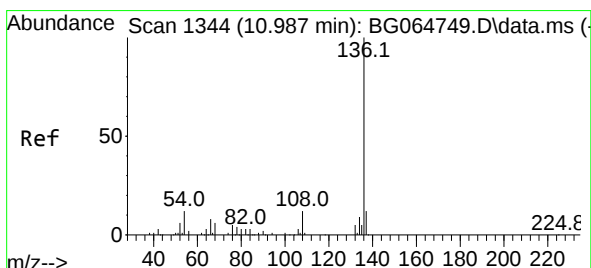
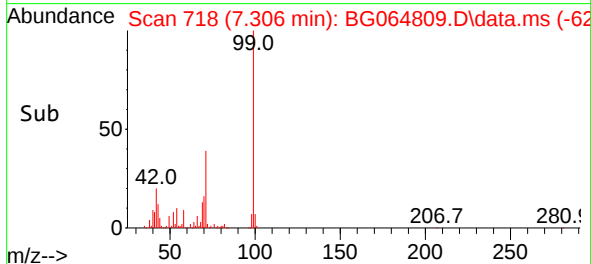
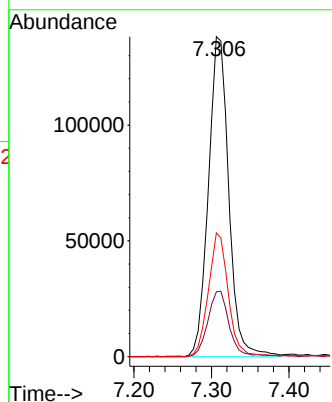
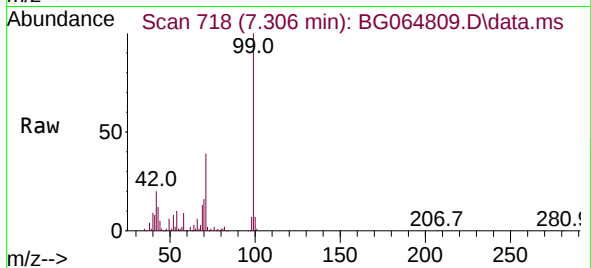




#7
Phenol-d6
Concen: 59.661 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

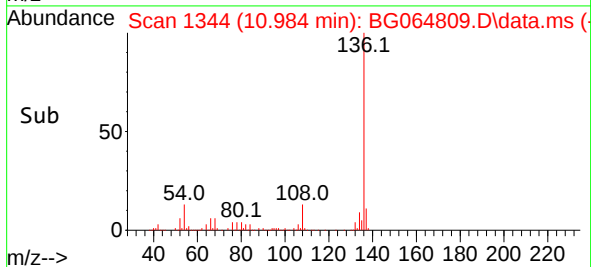
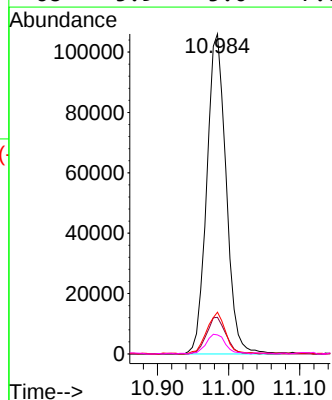
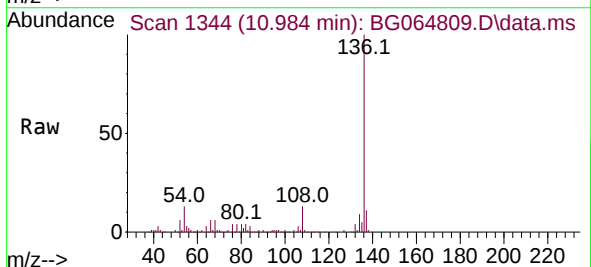
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

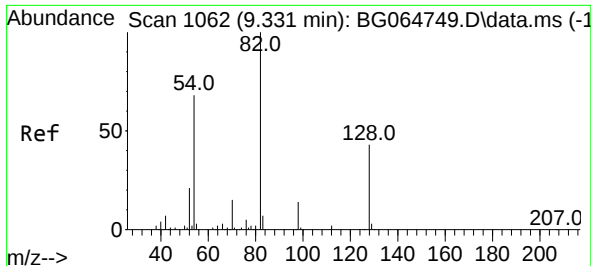
Tgt Ion: 99 Resp: 252193
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 38.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:136 Resp: 200042
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 13.0 9.3 13.9
68 5.9 5.0 7.6

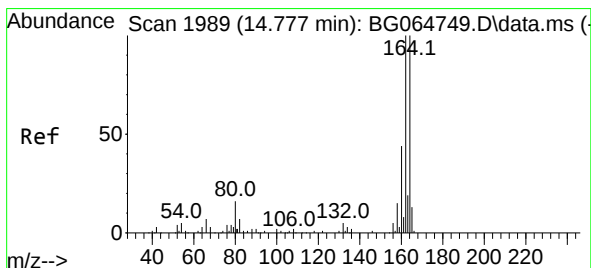
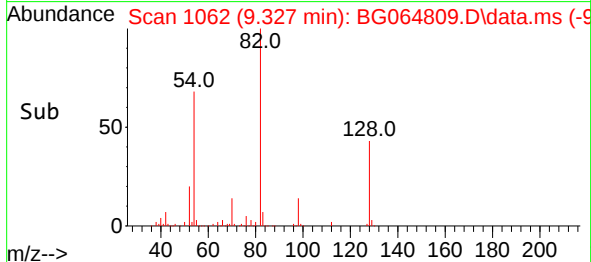
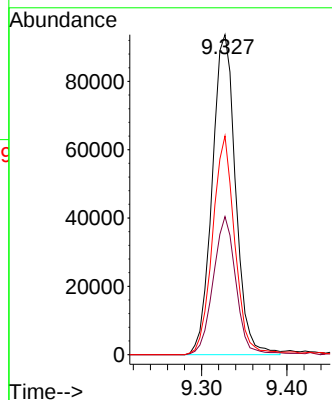
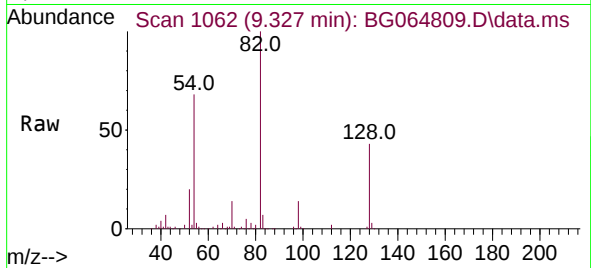




#23
Nitrobenzene-d5
Concen: 44.120 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

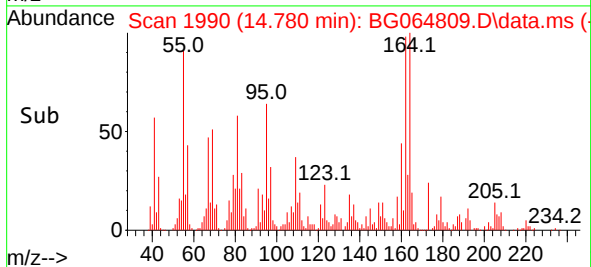
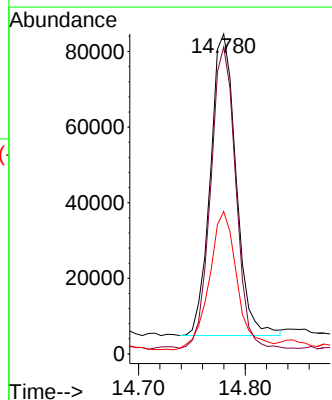
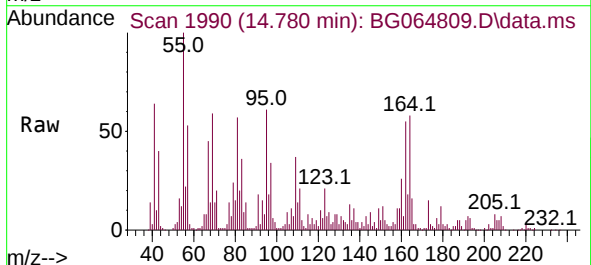
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

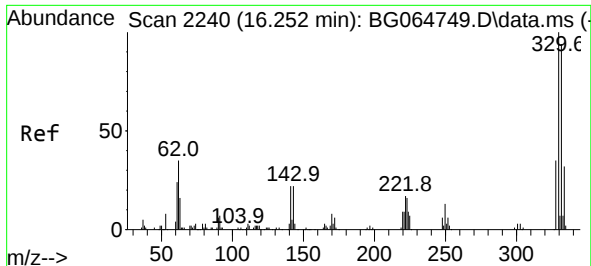
Tgt Ion: 82 Resp: 178507
Ion Ratio Lower Upper
82 100
128 43.1 34.1 51.1
54 68.3 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:164 Resp: 133402
Ion Ratio Lower Upper
164 100
162 95.9 79.8 119.6
160 44.5 34.9 52.3

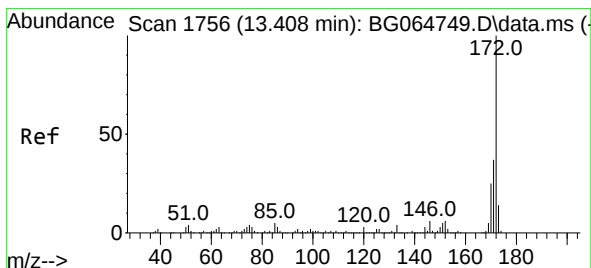
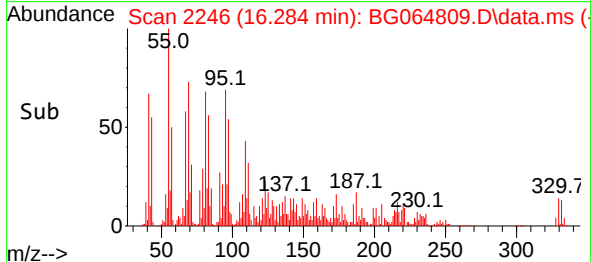
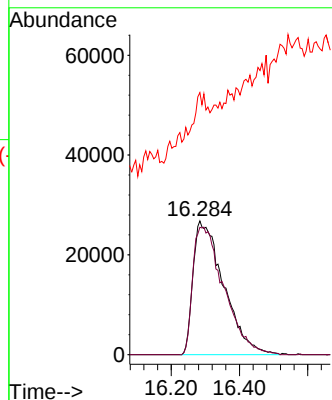
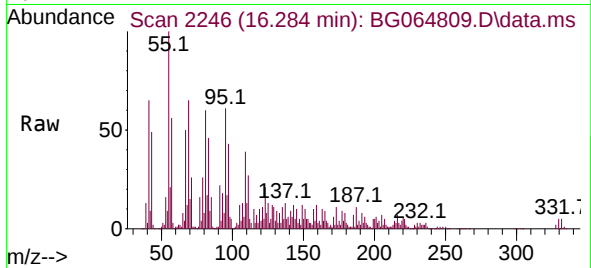




#42
 2,4,6-Tribromophenol
 Concen: 63.821 ng
 RT: 16.284 min Scan# 2240
 Delta R.T. 0.032 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

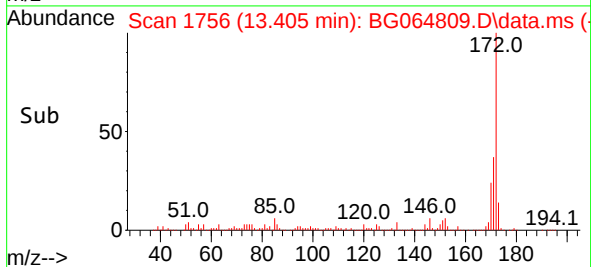
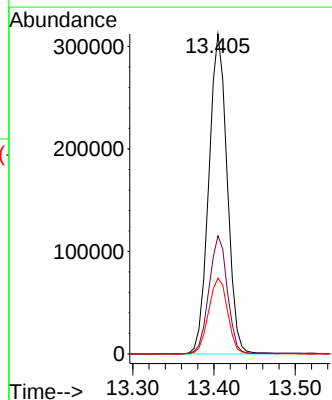
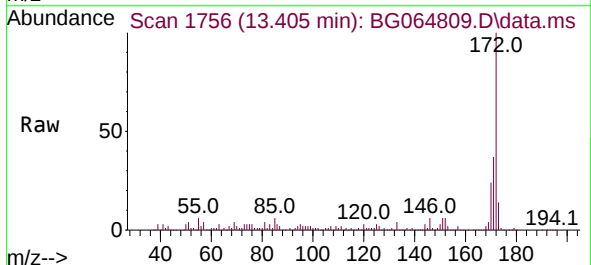
Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

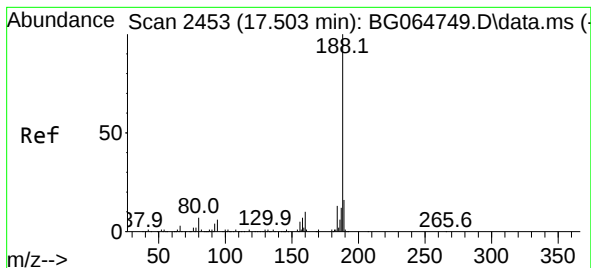
Tgt Ion:330 Resp: 166046
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 6.7 18.2 27.2#



#45
 2-Fluorobiphenyl
 Concen: 51.284 ng
 RT: 13.405 min Scan# 1756
 Delta R.T. -0.003 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

Tgt Ion:172 Resp: 490306
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 23.7 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 24

Delta R.T. 0.067 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

Instrument :

BNA_G

ClientSampleId :

T2-GRAVEL

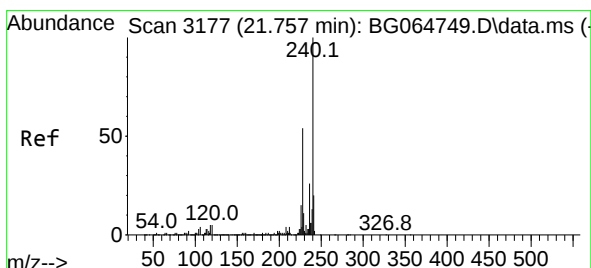
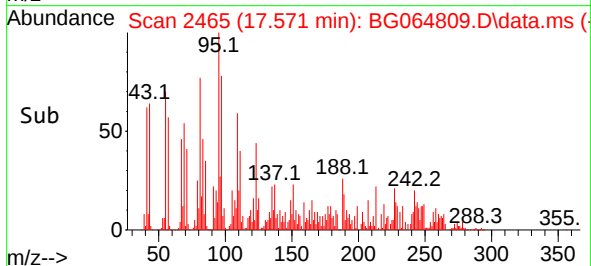
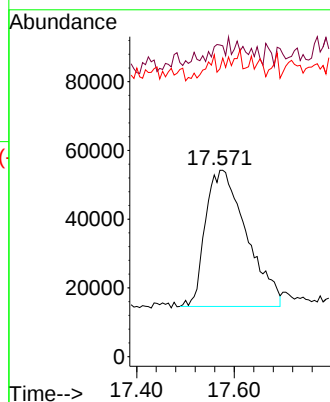
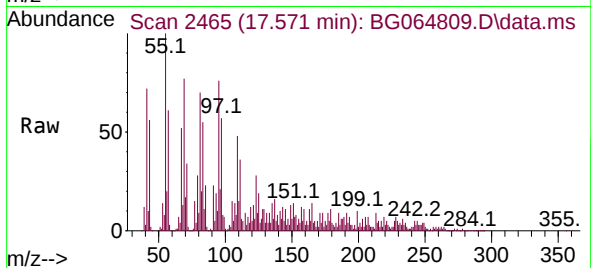
Tgt Ion:188 Resp: 232300

Ion Ratio Lower Upper

188 100

94 167.2 4.7 7.1#

80 154.4 5.4 8.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.836 min Scan# 3191

Delta R.T. 0.079 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

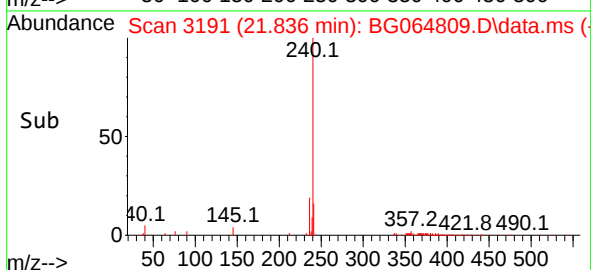
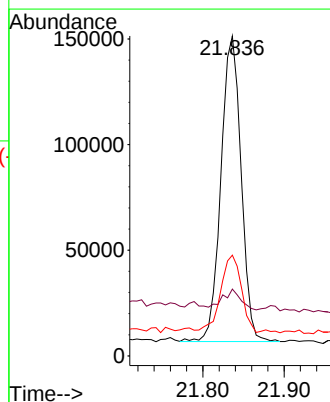
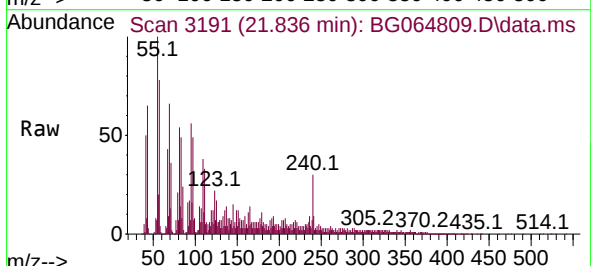
Tgt Ion:240 Resp: 249400

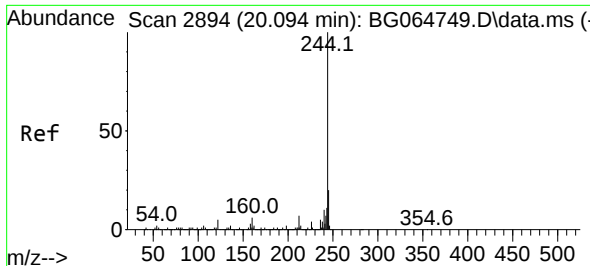
Ion Ratio Lower Upper

240 100

120 20.9 4.2 6.4#

236 31.5 20.8 31.2#

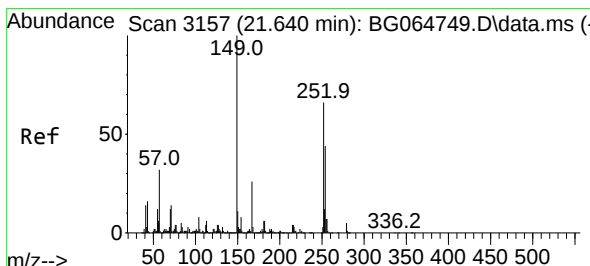
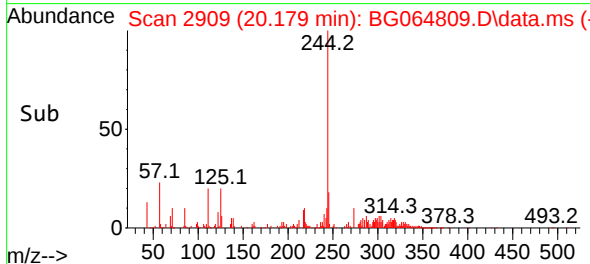
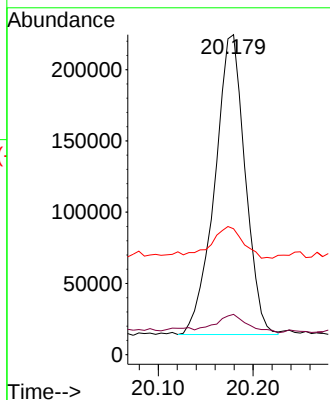
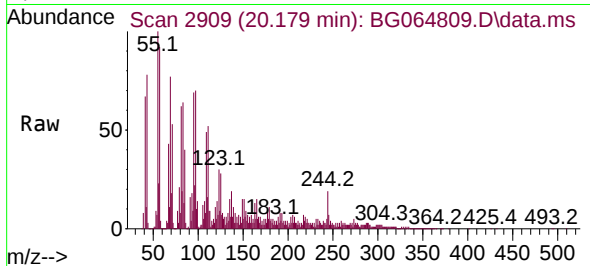




#79
 Terphenyl-d14
 Concen: 36.976 ng
 RT: 20.179 min Scan# 2909
 Delta R.T. 0.085 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

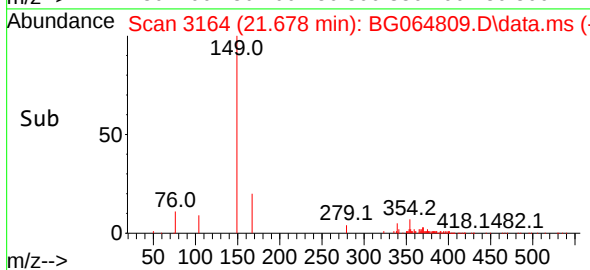
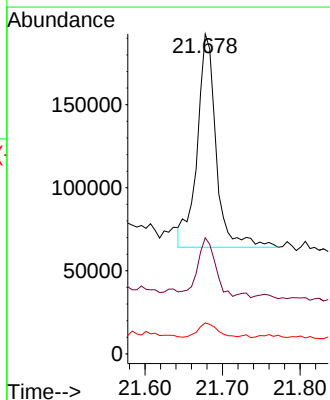
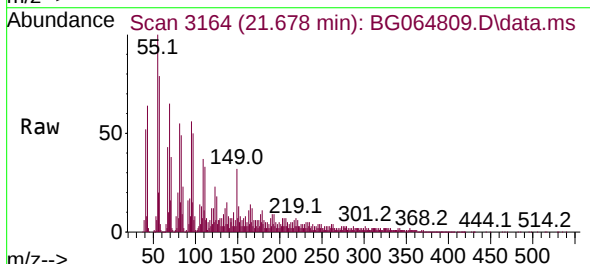
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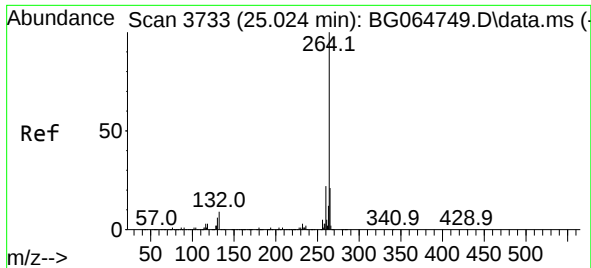
Tgt Ion:244 Resp: 468799
 Ion Ratio Lower Upper
 244 100
 212 12.6 5.8 8.6#
 122 39.3 4.3 6.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.370 ng
 RT: 21.678 min Scan# 3164
 Delta R.T. 0.038 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

Tgt Ion:149 Resp: 218189
 Ion Ratio Lower Upper
 149 100
 167 36.3 21.0 31.4#
 279 9.7 4.1 6.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.109 min Scan# 31
 Delta R.T. 0.085 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

Tgt Ion:264 Resp: 308487

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.2	25.8
265	22.7	16.6	25.0

