

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
 Data File : BG064782.D
 Acq On : 14 Nov 2025 16:41
 Operator : RC/JU
 Sample : Q3631-01DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202DL

Quant Time: Nov 14 17:15:57 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	8.163	152	40010	20.000	ng	0.00
21) Naphthalene-d8	10.983	136	134271	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	109261	20.000	ng	0.00
64) Phenanthrene-d10	17.499	188	268100	20.000	ng	0.00
76) Chrysene-d12	21.747	240	303892	20.000	ng	-0.01
86) Perylene-d12	25.008	264	311246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	12399	5.411	ng	0.00
7) Phenol-d6	7.305	99	15562	5.107	ng	0.00
23) Nitrobenzene-d5	9.326	82	9771	3.598	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	12391	5.815	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	31119	3.974	ng	0.00
79) Terphenyl-d14	20.084	244	73860	4.781	ng	-0.01

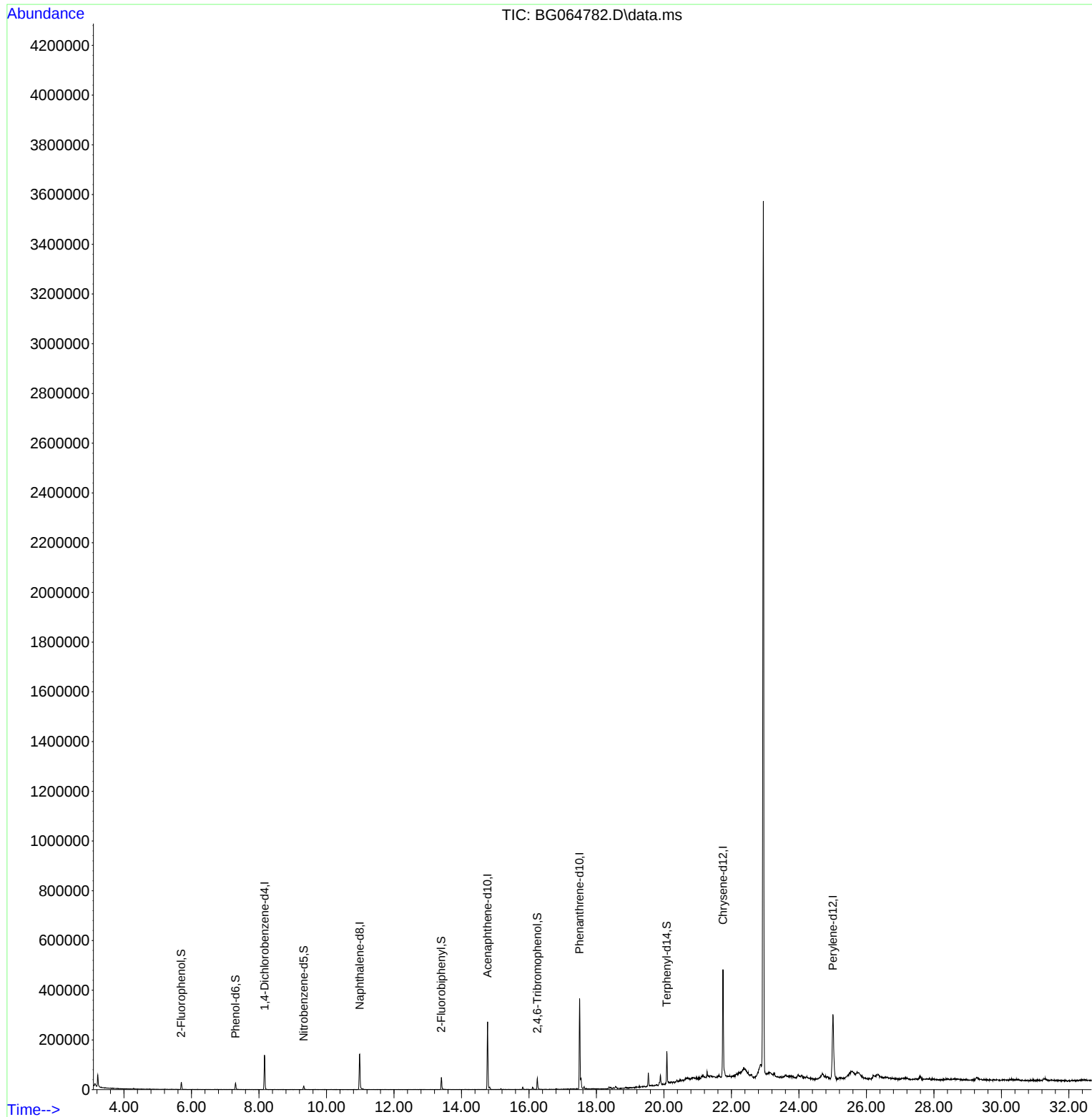
Target Compounds	Qvalue

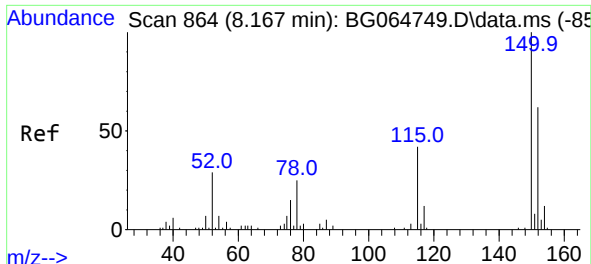
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
Data File : BG064782.D
Acq On : 14 Nov 2025 16:41
Operator : RC/JU
Sample : Q3631-01DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-202DL

Quant Time: Nov 14 17:15:57 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

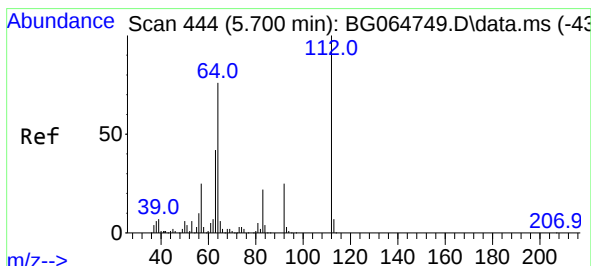
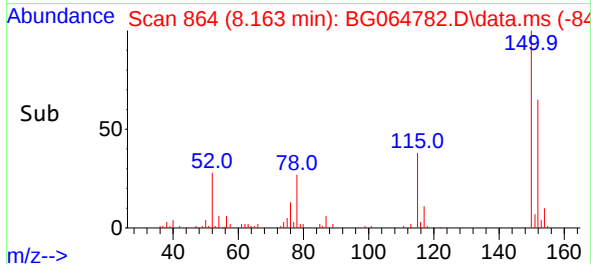
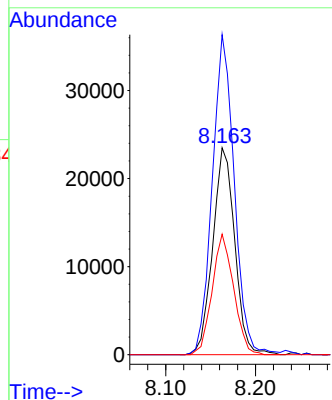
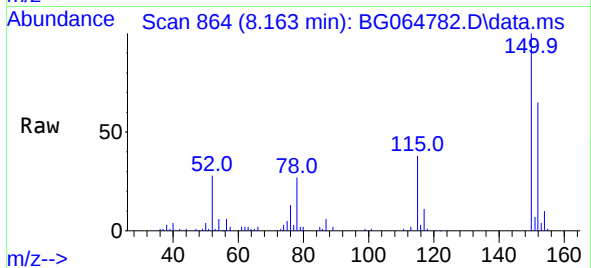




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

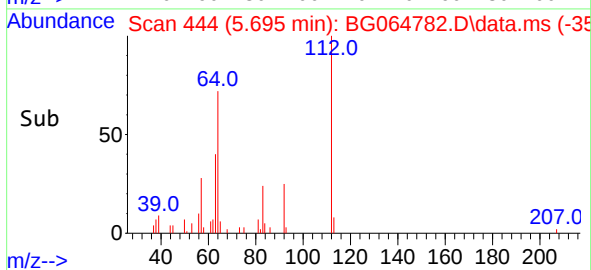
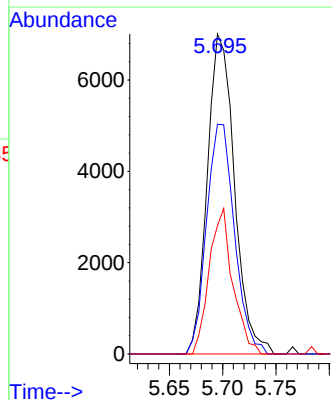
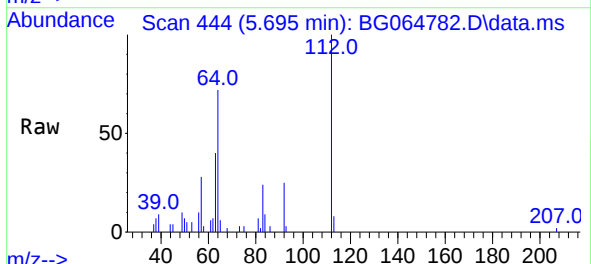
Instrument :
BNA_G
ClientSampleId :
VNJ-202DL

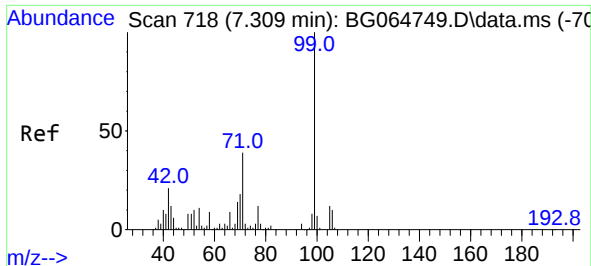
Tgt Ion:152 Resp: 40010
Ion Ratio Lower Upper
152 100
150 154.6 129.2 193.8
115 58.2 53.7 80.5



#5
2-Fluorophenol
Concen: 5.411 ng
RT: 5.695 min Scan# 444
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Tgt Ion:112 Resp: 12399
Ion Ratio Lower Upper
112 100
64 71.8 61.0 91.4
63 40.1 33.3 49.9



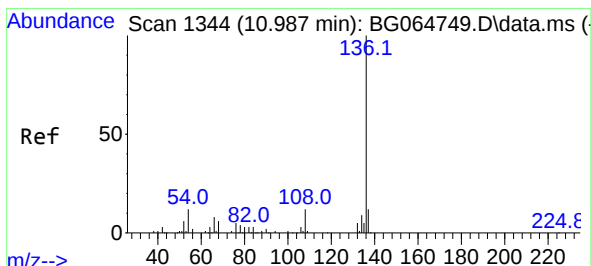
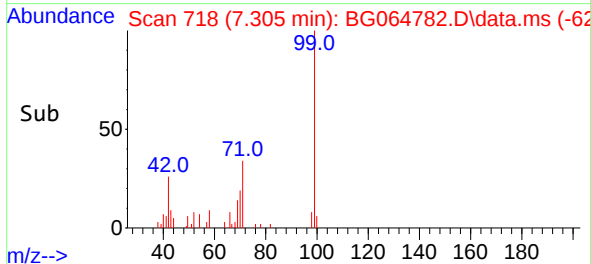
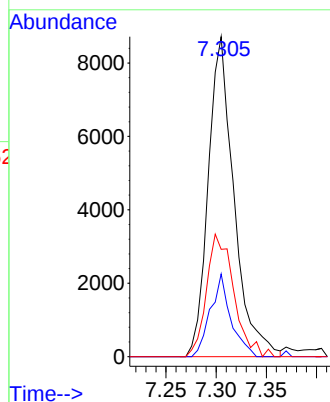
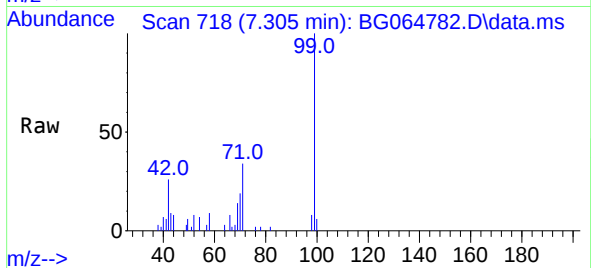


#7
Phenol-d6
Concen: 5.107 ng
RT: 7.305 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :
VNJ-202DL

Tgt Ion: 99 Resp: 15562

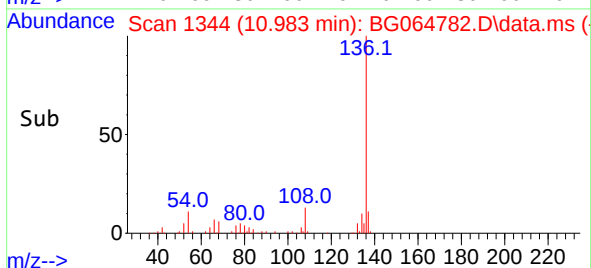
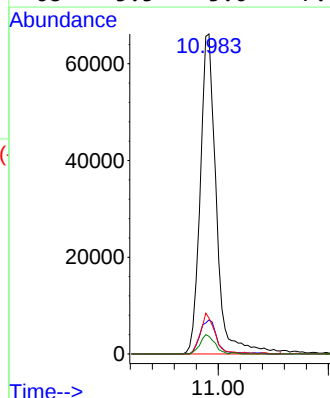
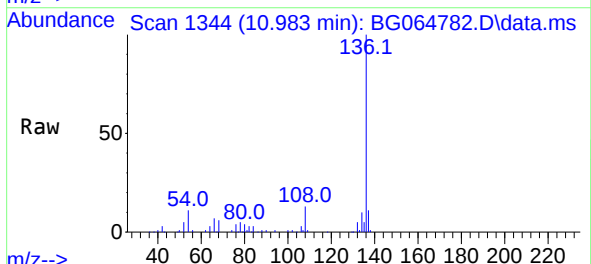
Ion	Ratio	Lower	Upper
99	100		
42	25.9	16.8	25.2#
71	33.5	31.1	46.7

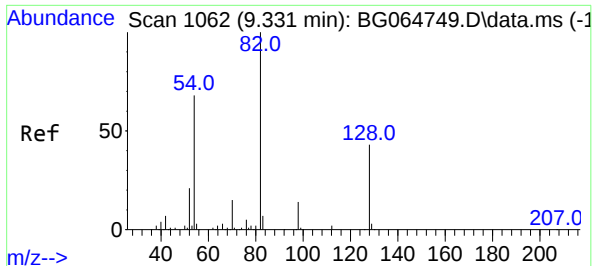


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.983 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Tgt Ion: 136 Resp: 134271

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	11.2	9.3	13.9
68	5.5	5.0	7.6





#23

Nitrobenzene-d5

Concen: 3.598 ng

RT: 9.326 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064782.D

Acq: 14 Nov 2025 16:41

Instrument :

BNA_G

ClientSampleId :

VNJ-202DL

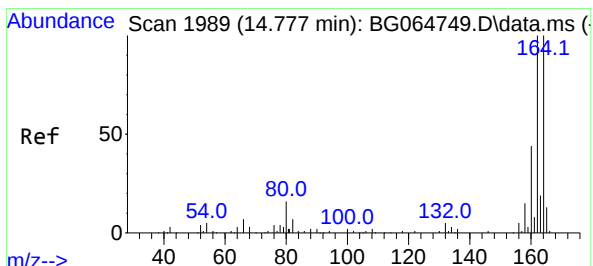
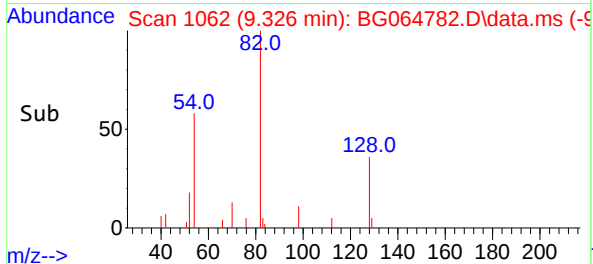
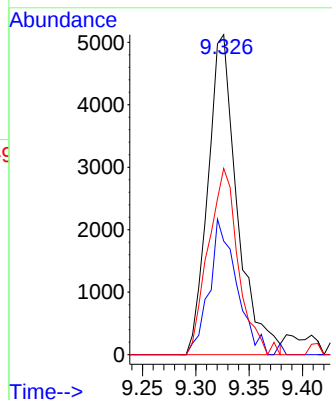
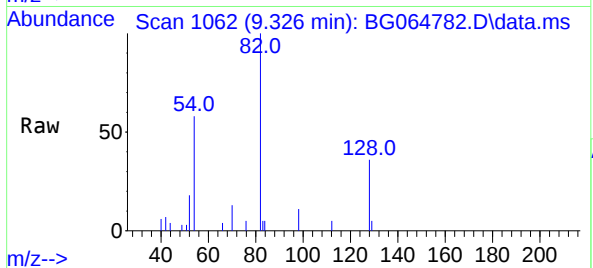
Tgt Ion: 82 Resp: 9771

Ion Ratio Lower Upper

82 100

128 35.5 34.1 51.1

54 58.2 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.773 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BG064782.D

Acq: 14 Nov 2025 16:41

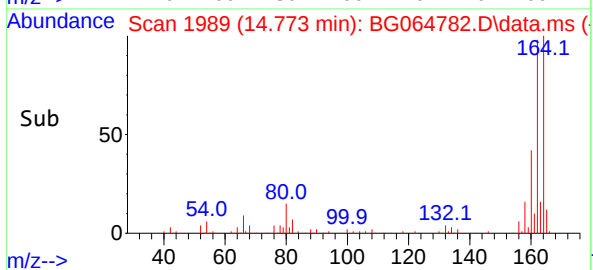
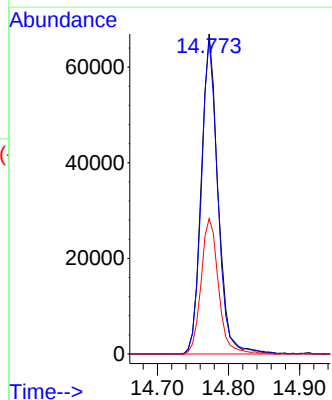
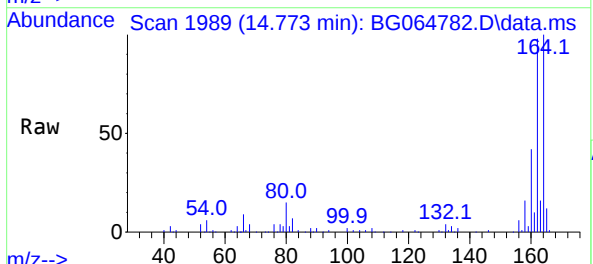
Tgt Ion:164 Resp: 109261

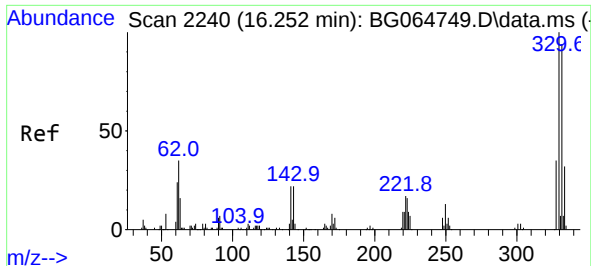
Ion Ratio Lower Upper

164 100

162 98.4 79.8 119.6

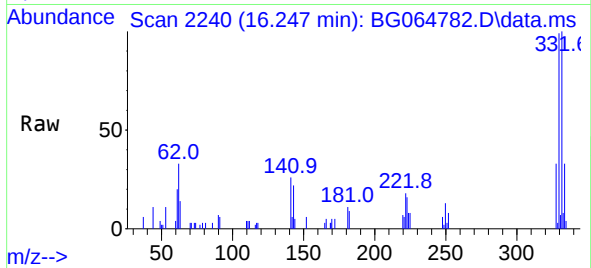
160 42.3 34.9 52.3



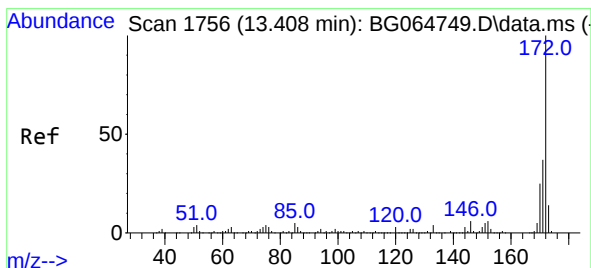
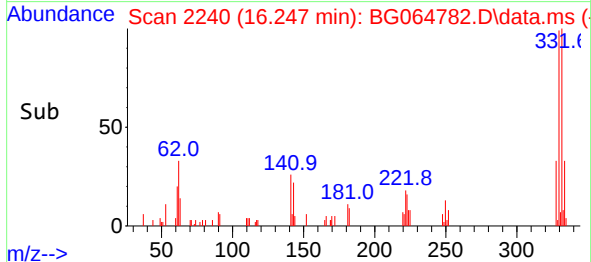
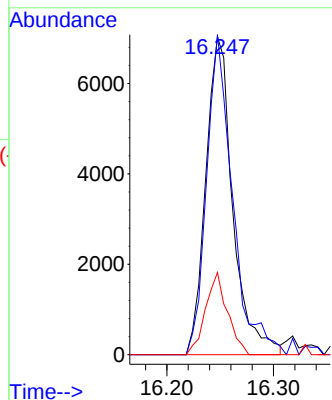


#42
2,4,6-Tribromophenol
Concen: 5.815 ng
RT: 16.247 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :
VNJ-202DL

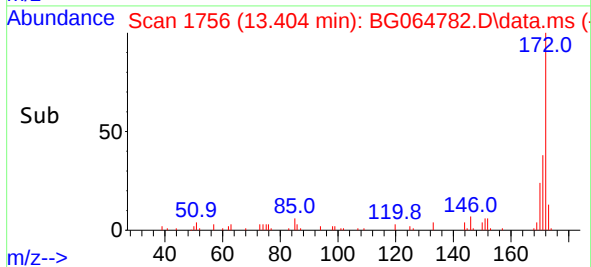
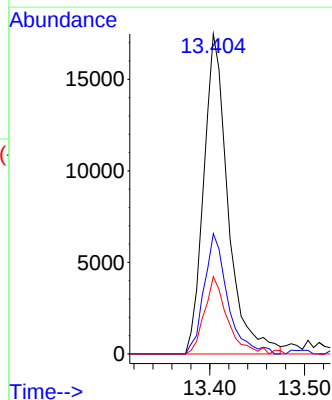
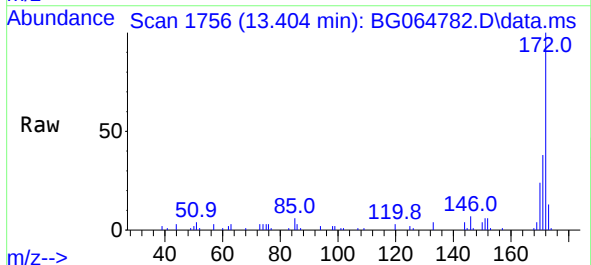


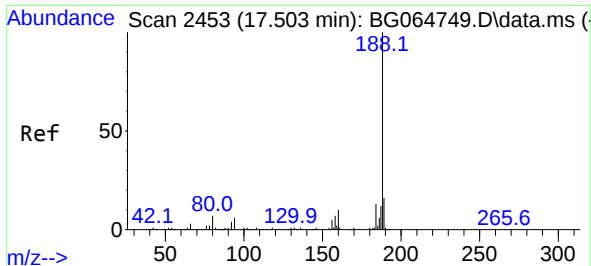
Tgt Ion:330 Resp: 12391
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 20.9 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 3.974 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Tgt Ion:172 Resp: 31119
Ion Ratio Lower Upper
172 100
171 37.6 29.9 44.9
170 24.2 19.8 29.6

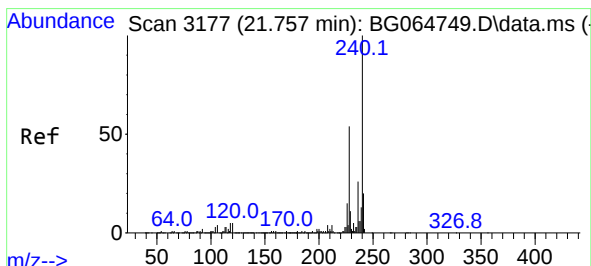
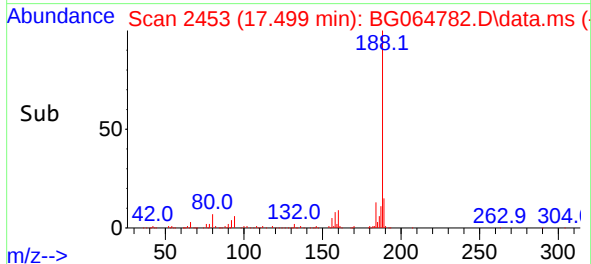
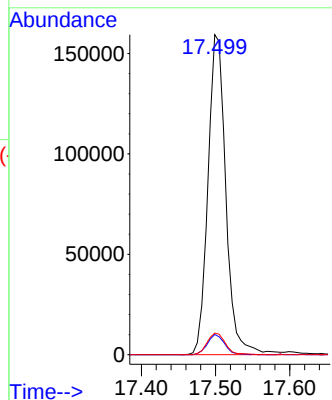
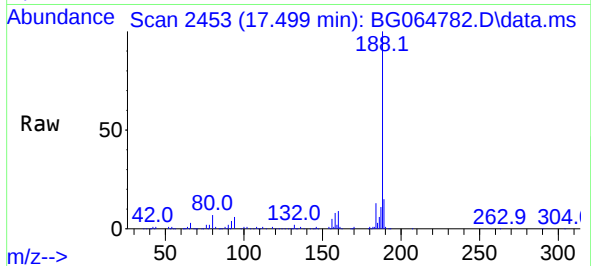




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.499 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

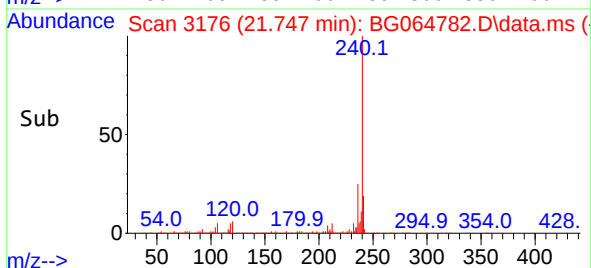
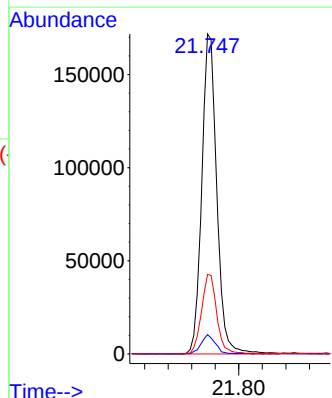
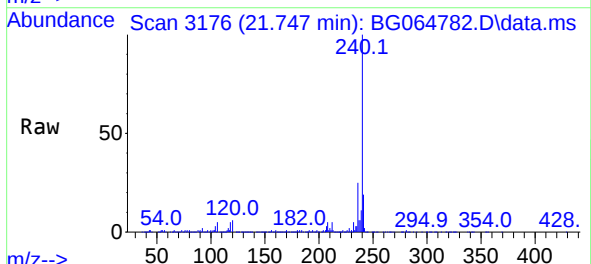
Instrument :
BNA_G
ClientSampleId :
VNJ-202DL

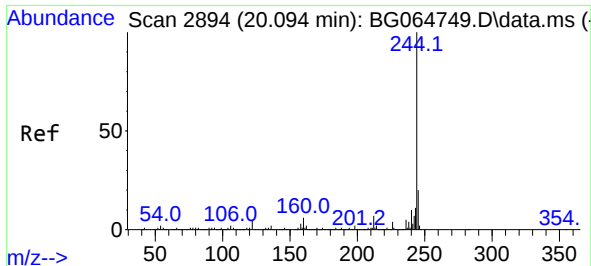
Tgt Ion:188 Resp: 268100
Ion Ratio Lower Upper
188 100
94 6.3 4.7 7.1
80 6.8 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG064782.D
Acq: 14 Nov 2025 16:41

Tgt Ion:240 Resp: 303892
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 24.8 20.8 31.2

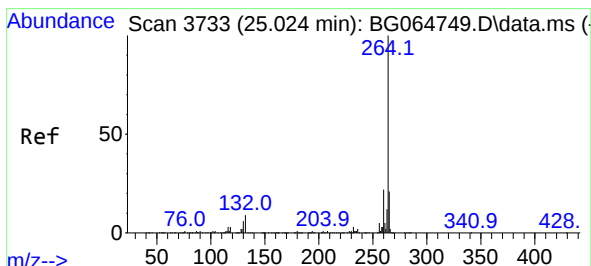
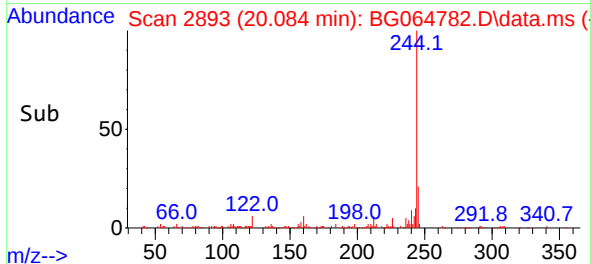
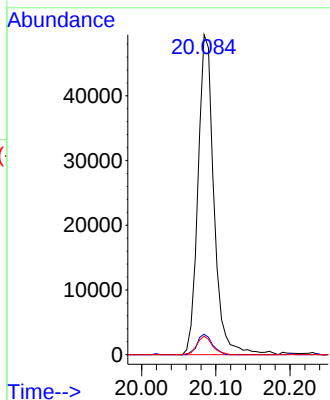
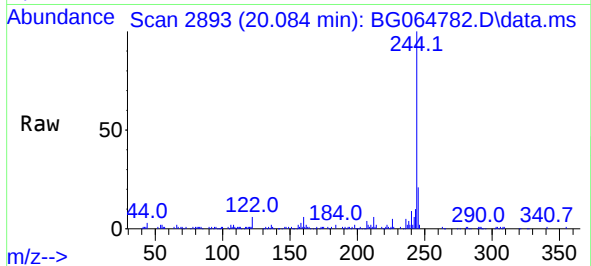




#79
 Terphenyl-d14
 Concen: 4.781 ng
 RT: 20.084 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG064782.D
 Acq: 14 Nov 2025 16:41

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-202DL

Tgt Ion:244 Resp: 73860
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 5.8 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3731
 Delta R.T. -0.016 min
 Lab File: BG064782.D
 Acq: 14 Nov 2025 16:41

Tgt Ion:264 Resp: 311246
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.2 25.8
 265 20.6 16.6 25.0

