

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064791.D
 Acq On : 17 Nov 2025 19:26
 Operator : RC/JU
 Sample : Q3647-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212

Quant Time: Nov 18 00:23:13 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	37326	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	132061	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	102733	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	258106	20.000	ng	0.00
76) Chrysene-d12	21.749	240	351977	20.000	ng	0.00
86) Perylene-d12	25.010	264	357694	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	269462	126.062	ng	0.00
7) Phenol-d6	7.307	99	323328	113.727	ng	0.00
23) Nitrobenzene-d5	9.328	82	241596	90.452	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	270765	135.139	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	641608	87.145	ng	0.00
79) Terphenyl-d14	20.092	244	1634436	91.344	ng	0.00

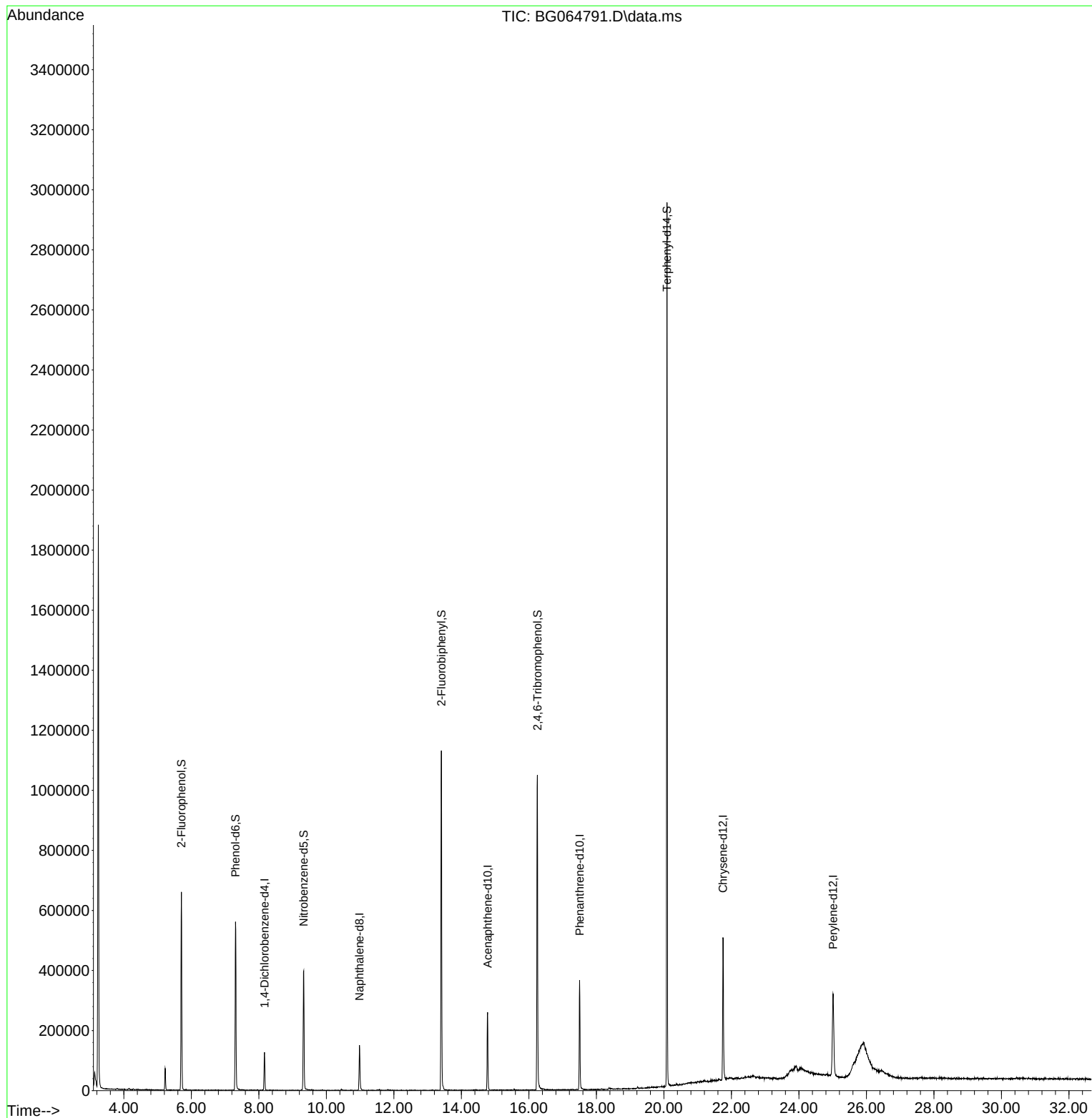
Target Compounds	Qvalue

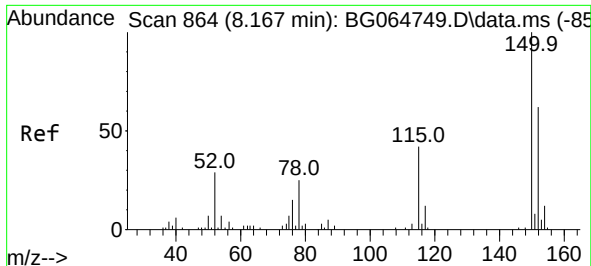
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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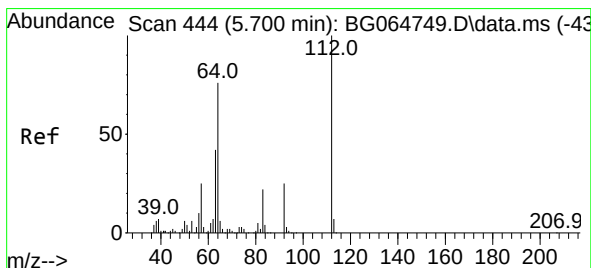
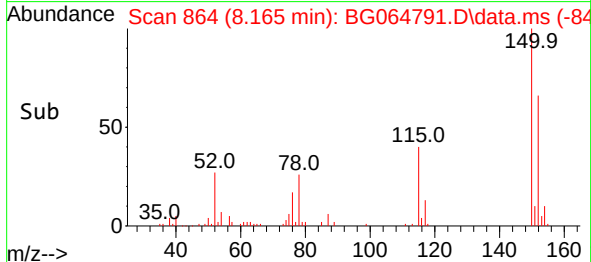
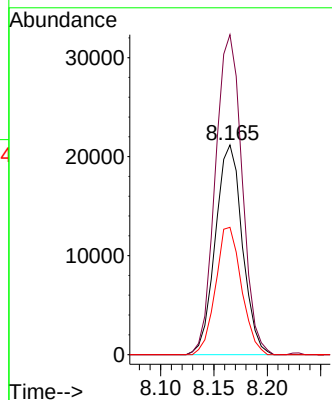
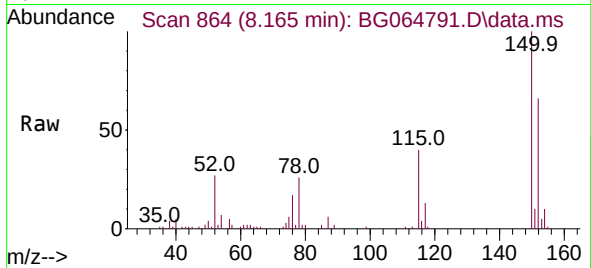




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.165 min Scan# 864
 Delta R.T. -0.002 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

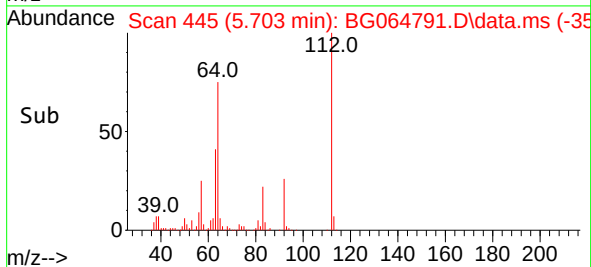
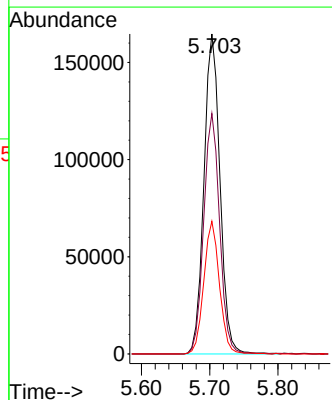
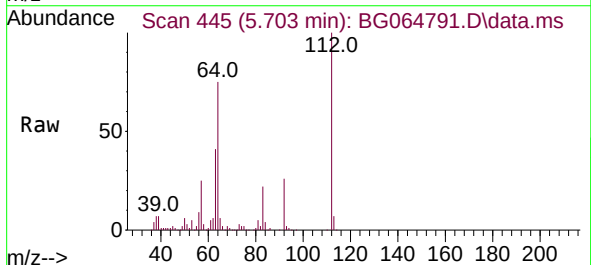
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212

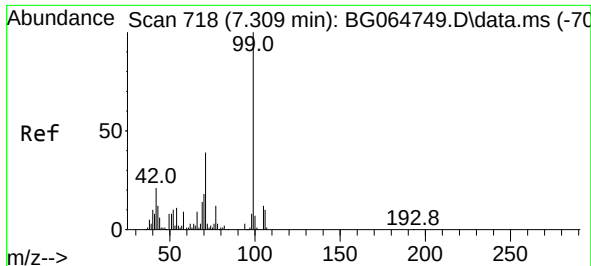
Tgt Ion:152 Resp: 37326
 Ion Ratio Lower Upper
 152 100
 150 152.6 129.2 193.8
 115 60.7 53.7 80.5



#5
 2-Fluorophenol
 Concen: 126.062 ng
 RT: 5.703 min Scan# 445
 Delta R.T. 0.004 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

Tgt Ion:112 Resp: 269462
 Ion Ratio Lower Upper
 112 100
 64 75.1 61.0 91.4
 63 41.4 33.3 49.9

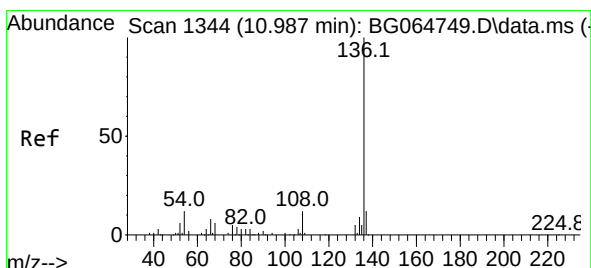
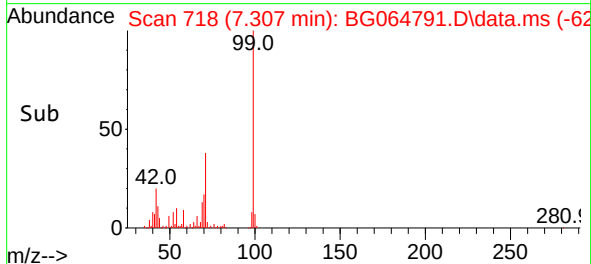
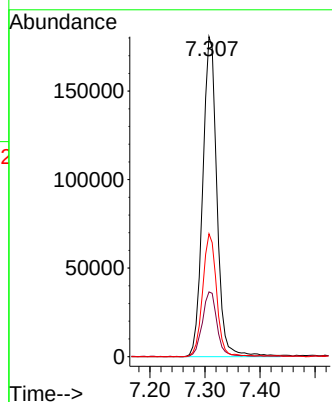
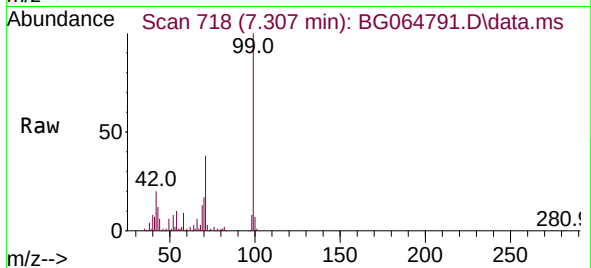




#7
Phenol-d6
Concen: 113.727 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

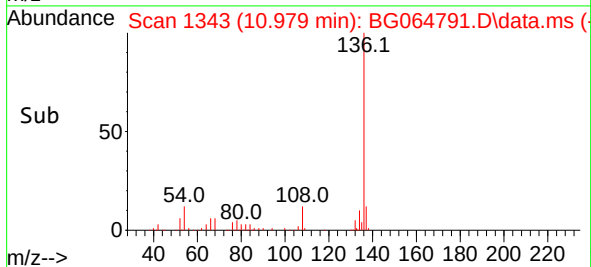
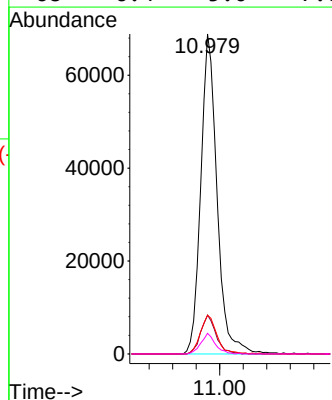
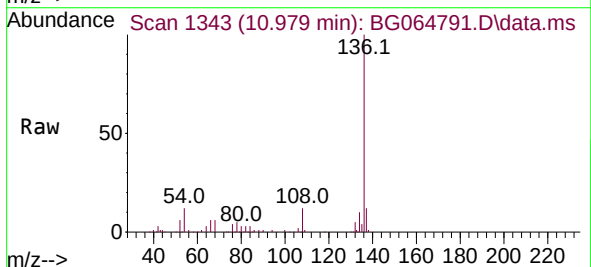
Instrument :
BNA_G
ClientSampleId :
VNJ-212

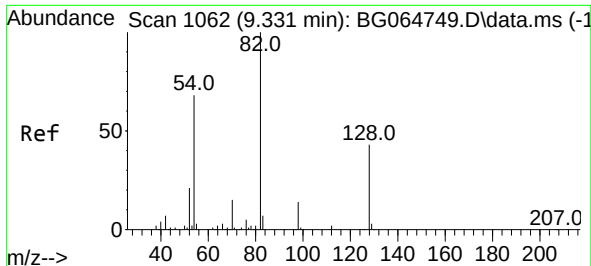
Tgt Ion: 99 Resp: 323328
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 38.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

Tgt Ion:136 Resp: 132061
Ion Ratio Lower Upper
136 100
137 12.1 9.3 13.9
54 12.1 9.3 13.9
68 6.4 5.0 7.6

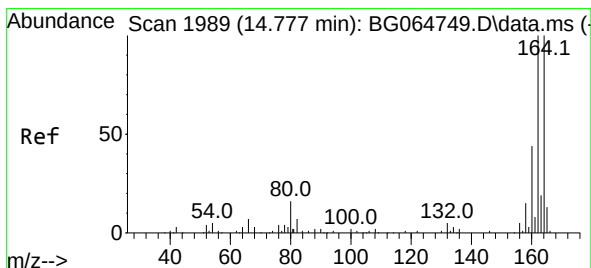
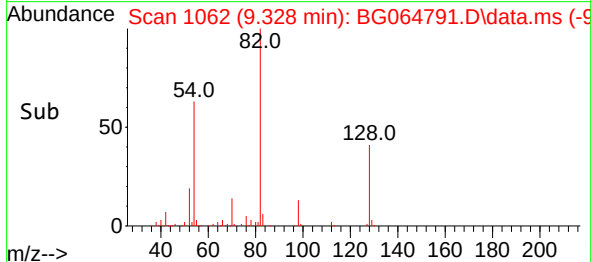
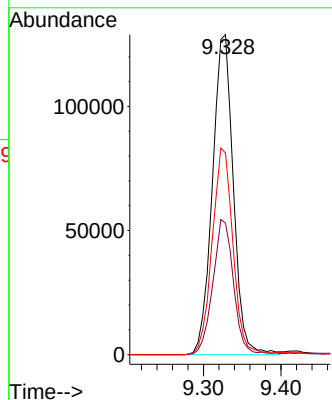
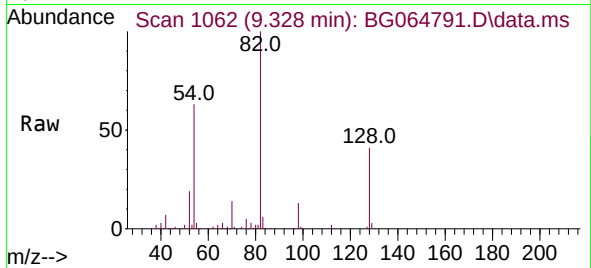




#23
 Nitrobenzene-d5
 Concen: 90.452 ng
 RT: 9.328 min Scan# 1062
 Delta R.T. -0.002 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

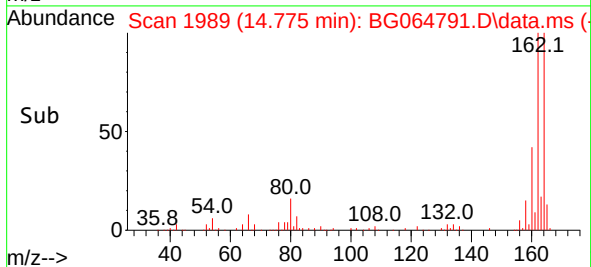
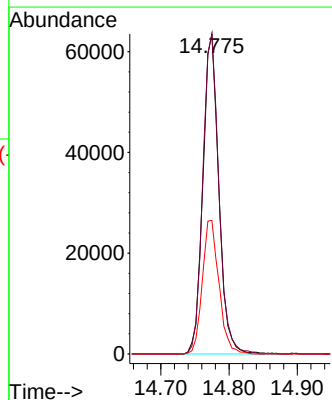
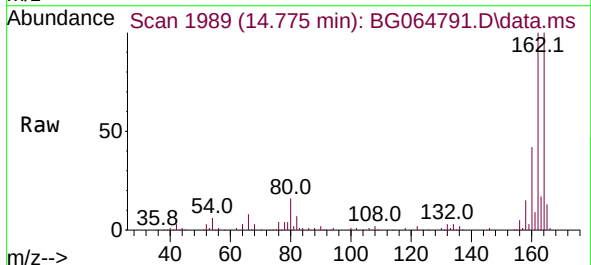
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212

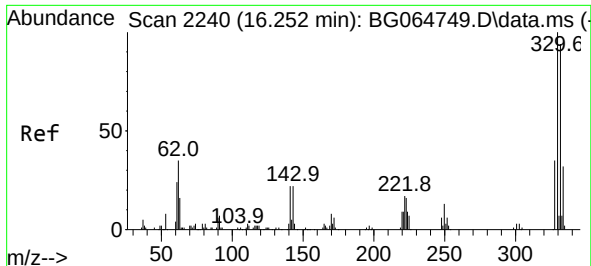
Tgt Ion: 82 Resp: 241596
 Ion Ratio Lower Upper
 82 100
 128 41.1 34.1 51.1
 54 63.0 54.3 81.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.775 min Scan# 1989
 Delta R.T. -0.002 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

Tgt Ion: 164 Resp: 102733
 Ion Ratio Lower Upper
 164 100
 162 100.1 79.8 119.6
 160 41.7 34.9 52.3

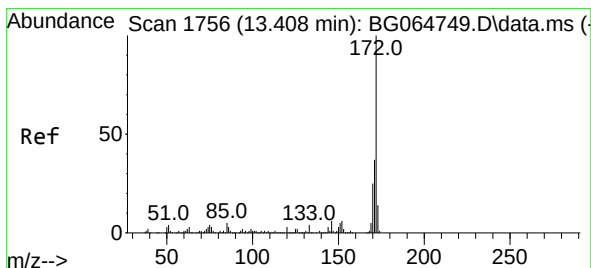
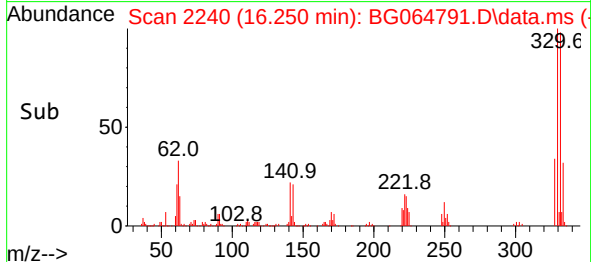
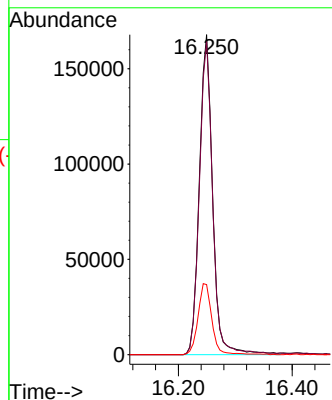
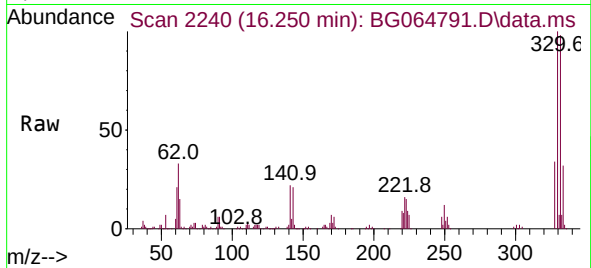




#42
 2,4,6-Tribromophenol
 Concen: 135.139 ng
 RT: 16.250 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

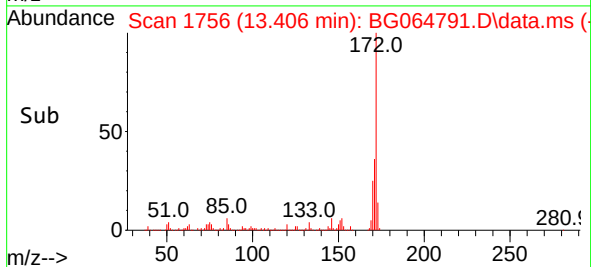
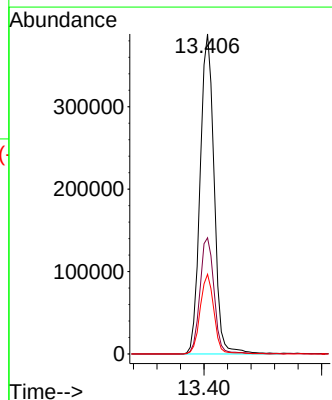
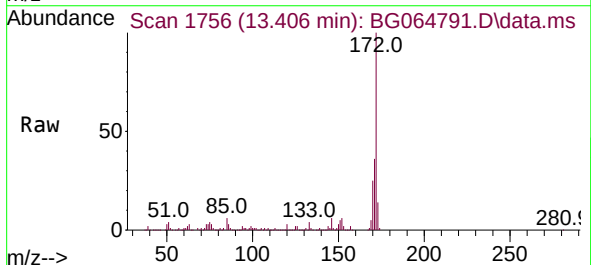
Instrument :
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 ClientSampleId :
 VNJ-212

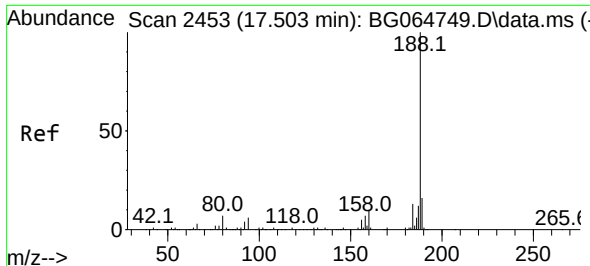
Tgt Ion:330 Resp: 270765
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 22.9 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 87.145 ng
 RT: 13.406 min Scan# 1756
 Delta R.T. -0.002 min
 Lab File: BG064791.D
 Acq: 17 Nov 2025 19:26

Tgt Ion:172 Resp: 641608
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 24.9 19.8 29.6

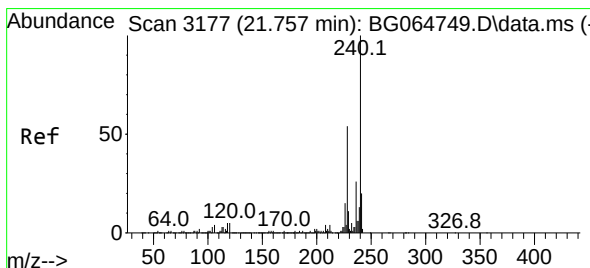
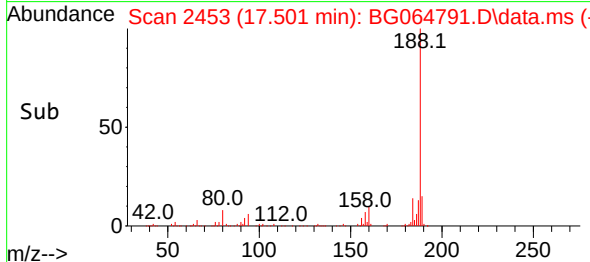
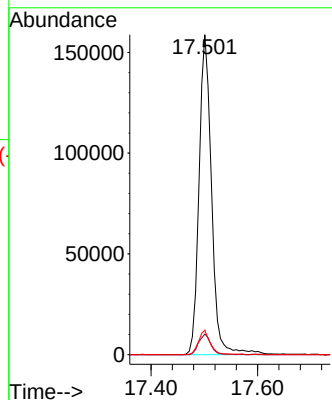
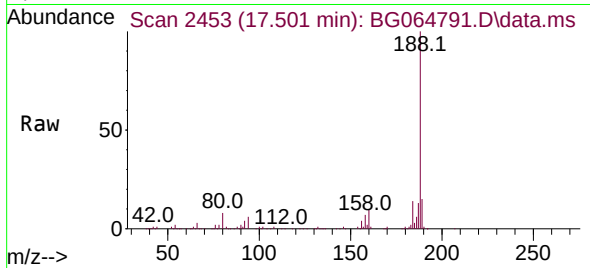




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

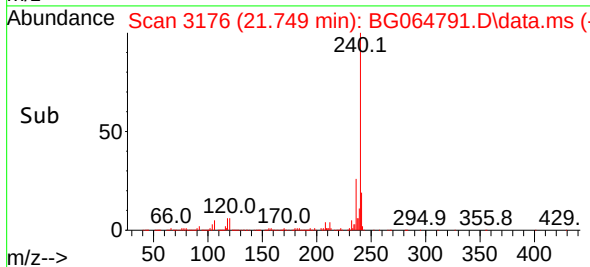
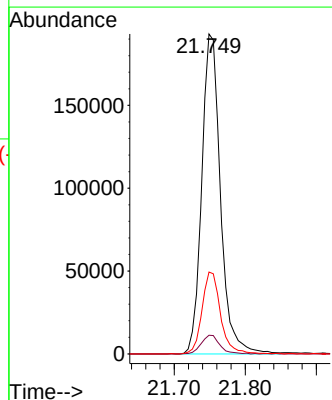
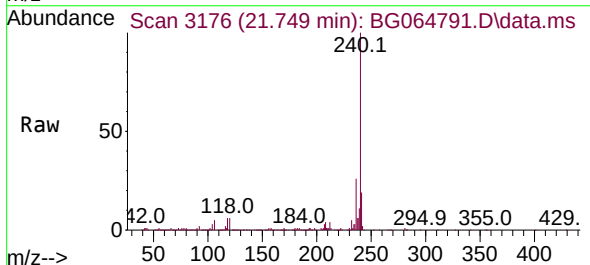
Instrument :
BNA_G
ClientSampleId :
VNJ-212

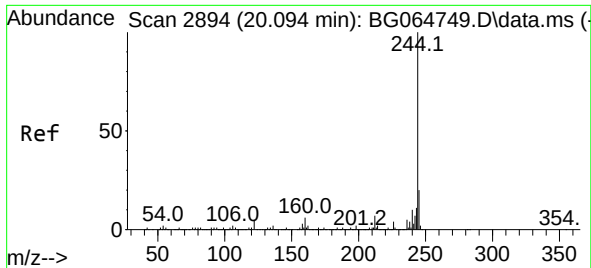
Tgt Ion:188 Resp: 258106
Ion Ratio Lower Upper
188 100
94 6.4 4.7 7.1
80 7.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

Tgt Ion:240 Resp: 351977
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.4
236 25.6 20.8 31.2

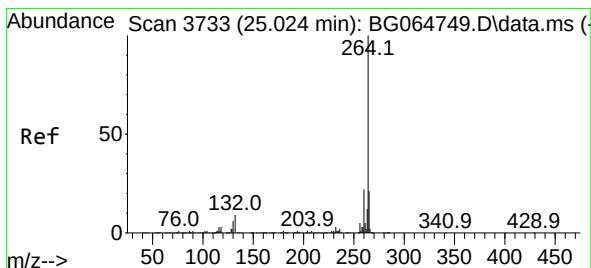
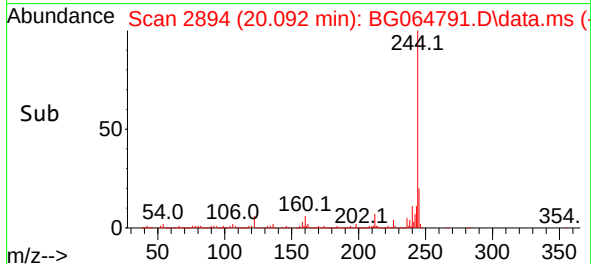
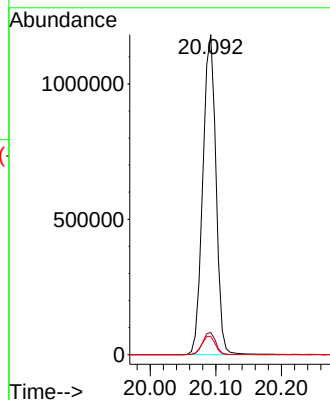
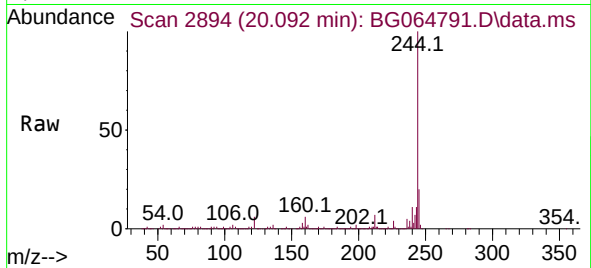




#79
Terphenyl-d14
Concen: 91.344 ng
RT: 20.092 min Scan# 2894
Delta R.T. -0.002 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

Instrument :
BNA_G
ClientSampleId :
VNJ-212

Tgt Ion:244 Resp: 1634436
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.7 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064791.D
Acq: 17 Nov 2025 19:26

Tgt Ion:264 Resp: 357694
Ion Ratio Lower Upper
264 100
260 25.1 17.2 25.8
265 22.5 16.6 25.0

