

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064616.D
 Acq On : 29 Oct 2025 00:41
 Operator : RC/JU
 Sample : Q3465-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-10242025

Quant Time: Oct 29 01:50:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	48430	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	189696	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	136373	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	263678	20.000	ng	0.00
76) Chrysene-d12	21.848	240	290458	20.000	ng	-0.02
86) Perylene-d12	25.197	264	321634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	63038	21.848	ng	0.00
7) Phenol-d6	7.347	99	82223	20.767	ng	0.00
23) Nitrobenzene-d5	9.380	82	48192	15.259	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	31636	16.073	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	130128	14.463	ng	0.00
79) Terphenyl-d14	20.162	244	188090	12.221	ng	-0.02

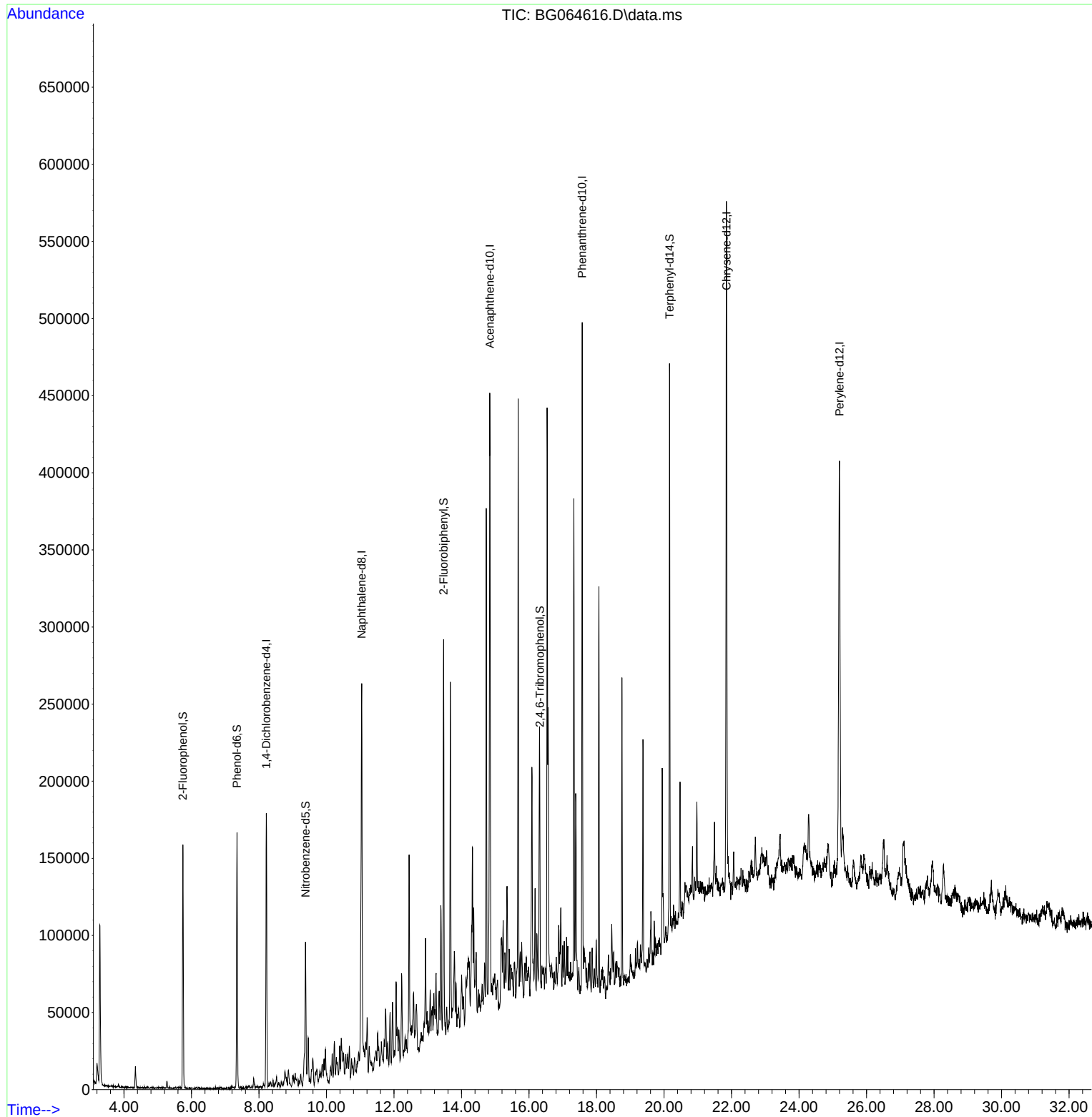
Target Compounds	Qvalue

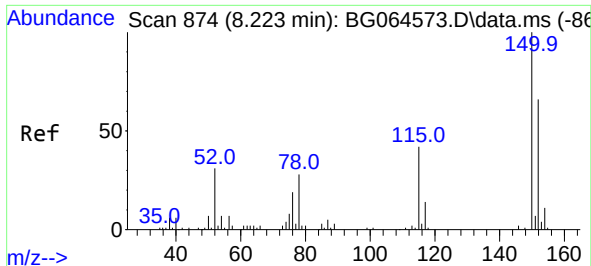
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064616.D
Acq On : 29 Oct 2025 00:41
Operator : RC/JU
Sample : Q3465-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

Quant Time: Oct 29 01:50:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

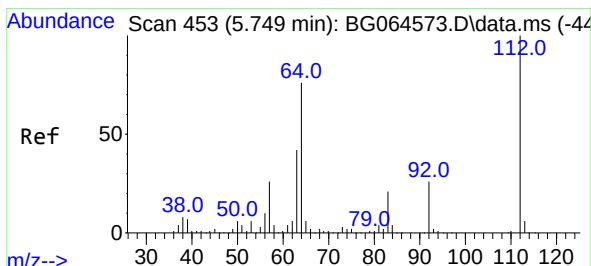
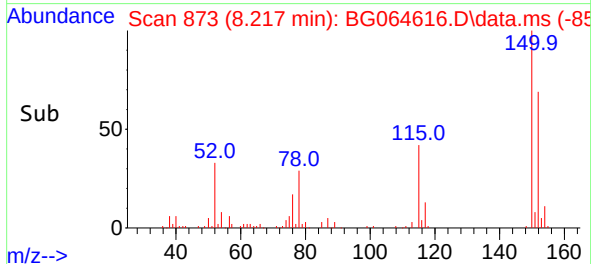
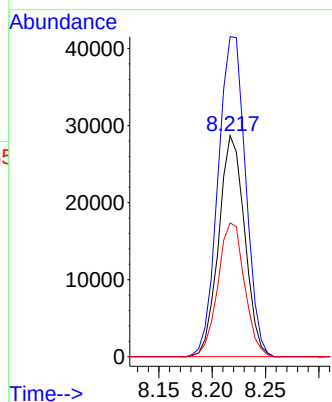
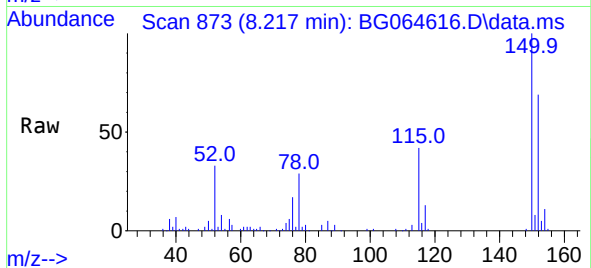




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

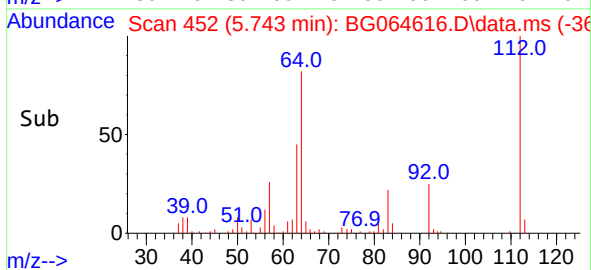
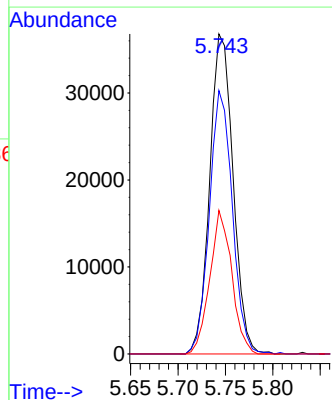
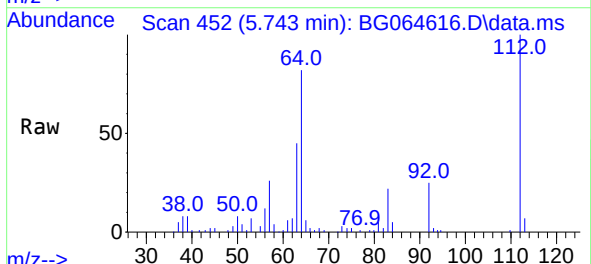
Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

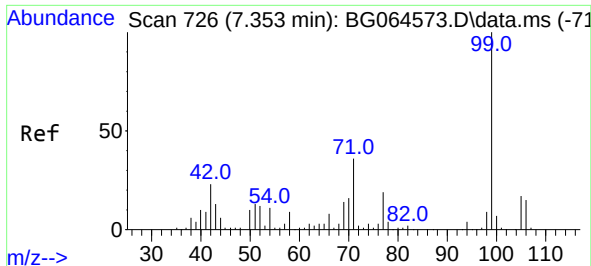
Tgt Ion:152 Resp: 48430
Ion Ratio Lower Upper
152 100
150 144.7 122.2 183.4
115 60.5 50.8 76.2



#5
2-Fluorophenol
Concen: 21.848 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.004 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

Tgt Ion:112 Resp: 63038
Ion Ratio Lower Upper
112 100
64 82.3 60.7 91.1
63 44.8 33.4 50.0

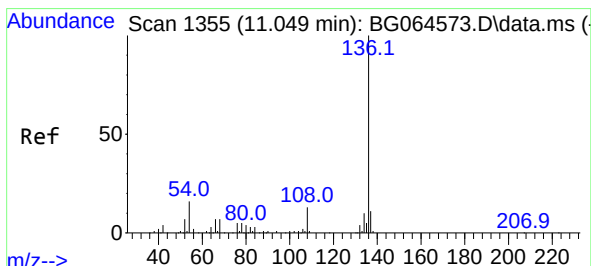
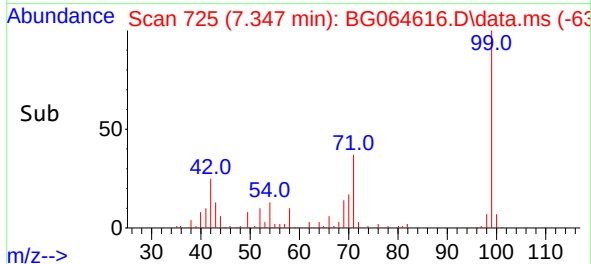
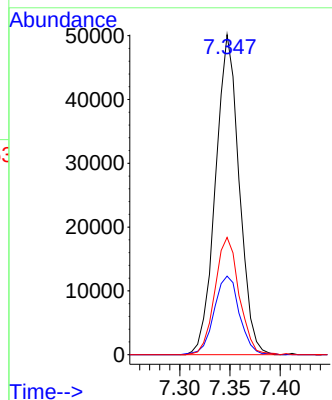
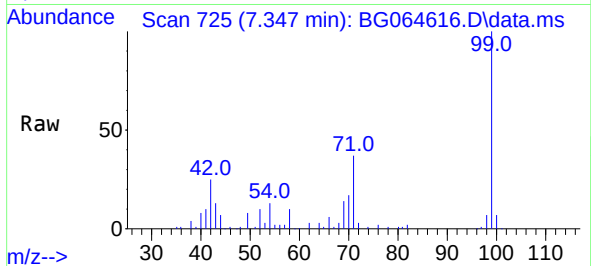




#7
Phenol-d6
Concen: 20.767 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

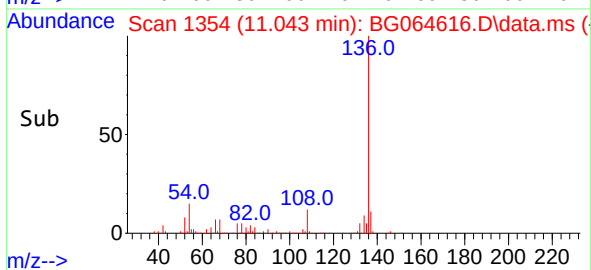
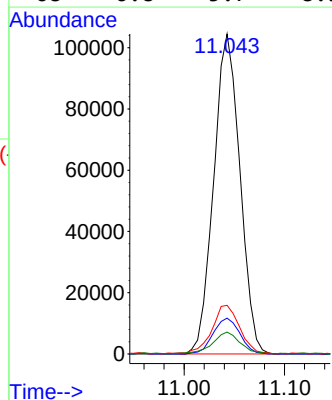
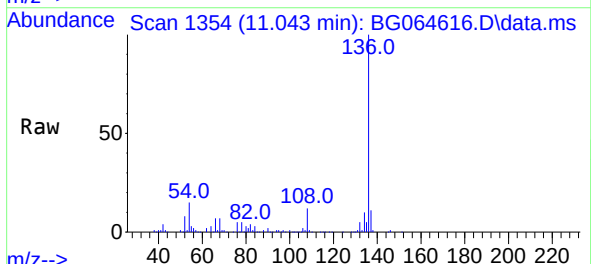
Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

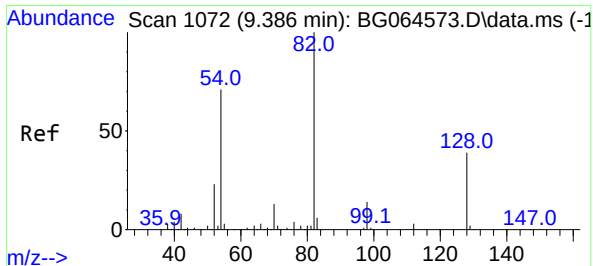
Tgt Ion: 99 Resp: 82223
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 36.7 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

Tgt Ion:136 Resp: 189696
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 15.2 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 15.259 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064616.D

Acq: 29 Oct 2025 00:41

Instrument :

BNA_G

ClientSampleId :

SU-03-10242025

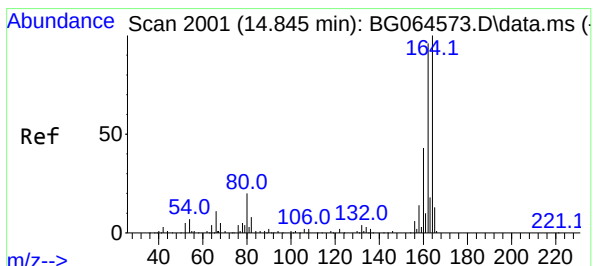
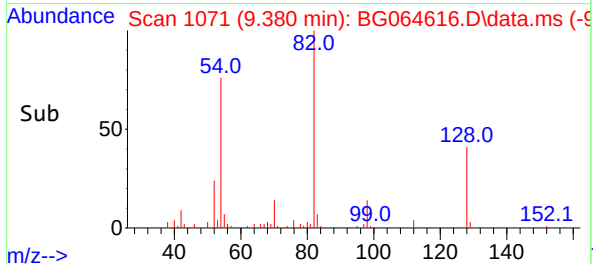
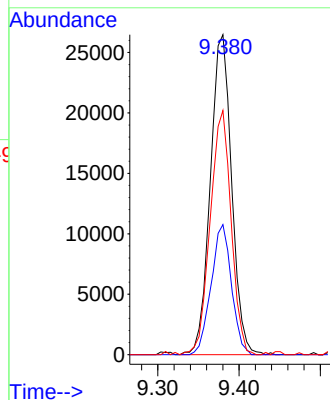
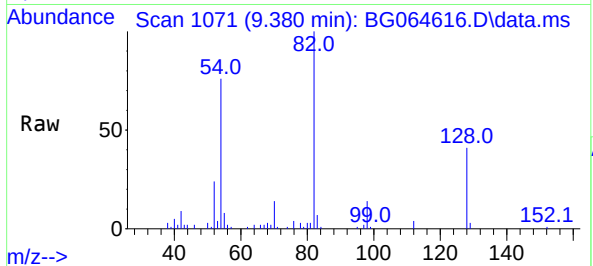
Tgt Ion: 82 Resp: 48192

Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 76.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064616.D

Acq: 29 Oct 2025 00:41

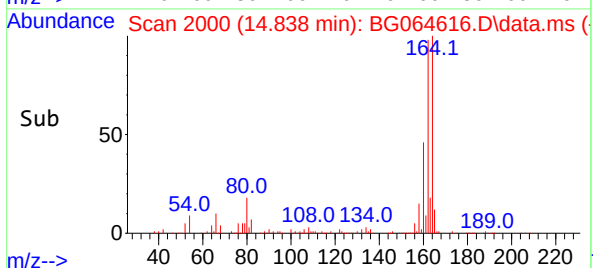
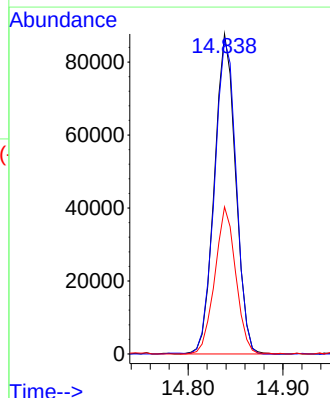
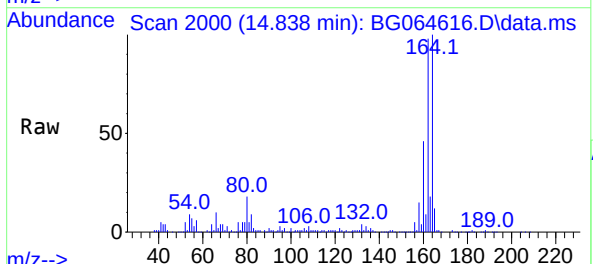
Tgt Ion: 164 Resp: 136373

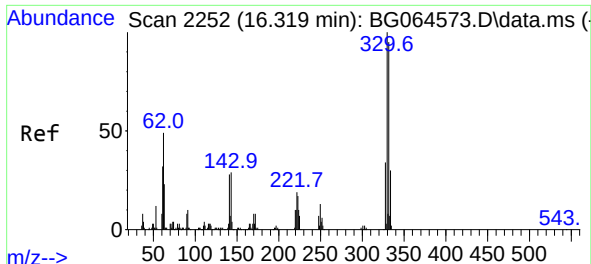
Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

160 46.0 34.4 51.6

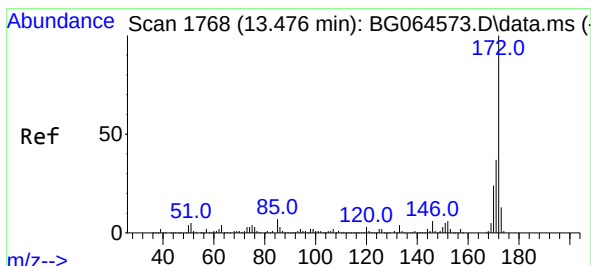
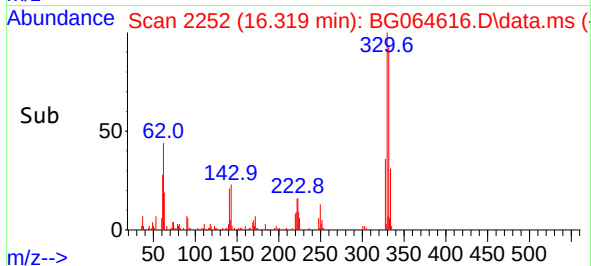
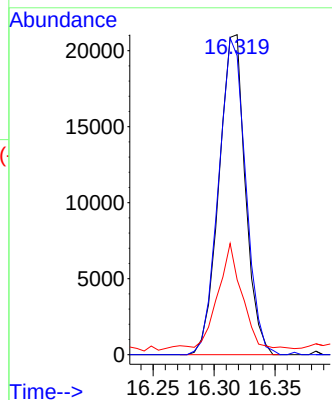
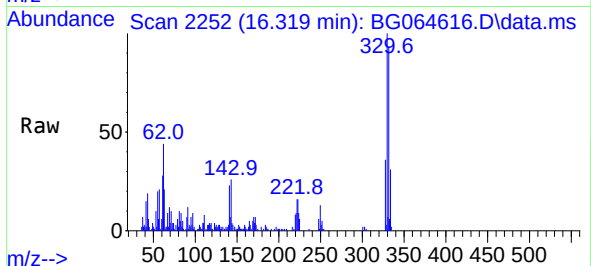




#42
2,4,6-Tribromophenol
Concen: 16.073 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

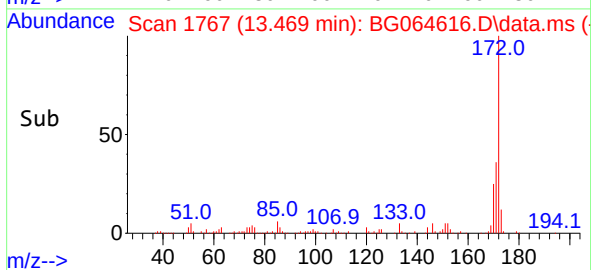
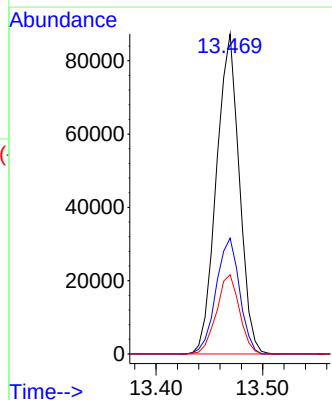
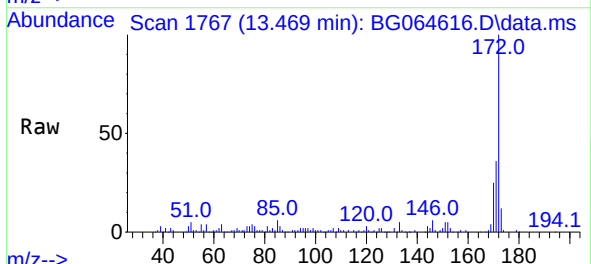
Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

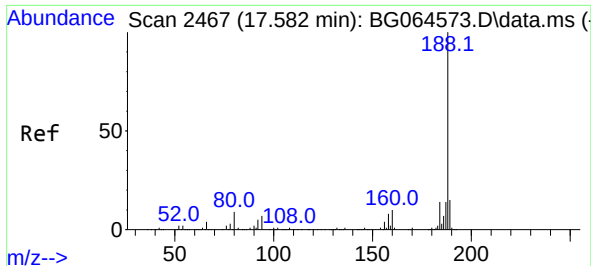
Tgt Ion:	330	Resp:	31636
Ion Ratio	Lower	Upper	
330	100		
332	101.7	78.0	117.0
141	32.3	21.8	32.6



#45
2-Fluorobiphenyl
Concen: 14.463 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

Tgt Ion:	172	Resp:	130128
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.8	19.1	28.7

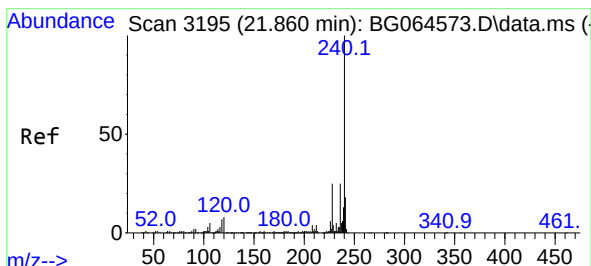
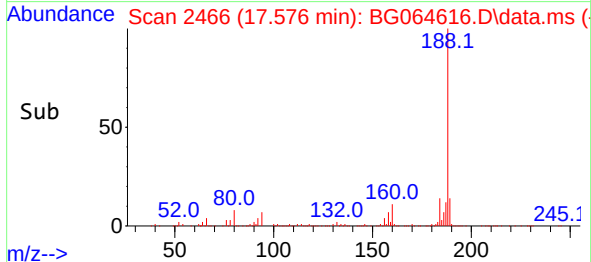
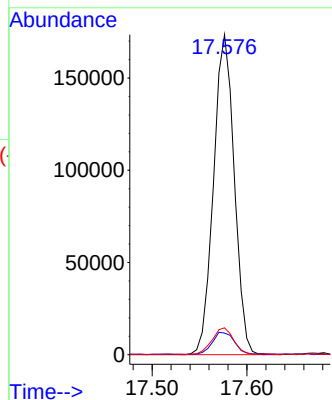
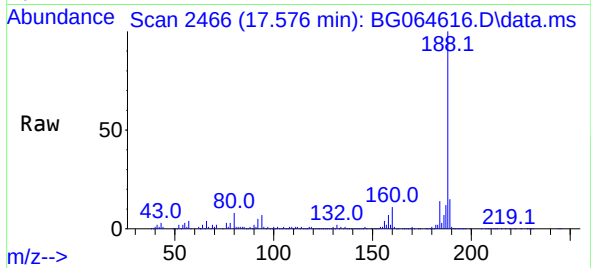




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

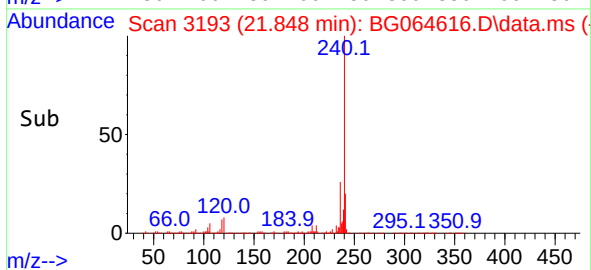
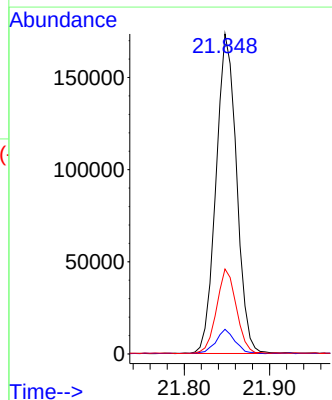
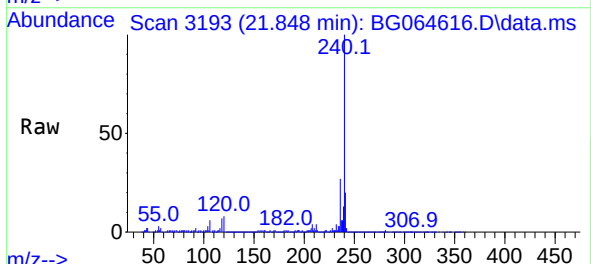
Instrument :
BNA_G
ClientSampleId :
SU-03-10242025

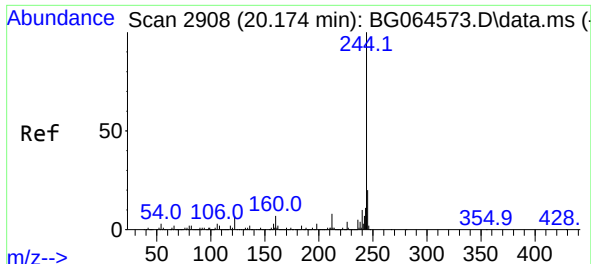
Tgt Ion:188 Resp: 263678
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064616.D
Acq: 29 Oct 2025 00:41

Tgt Ion:240 Resp: 290458
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 26.6 20.2 30.2

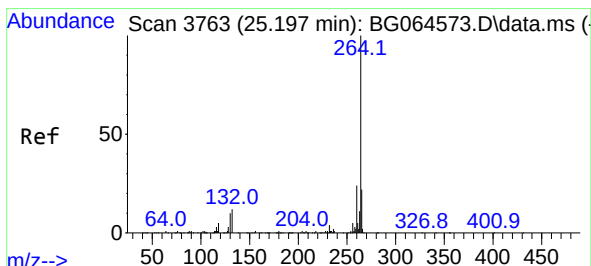
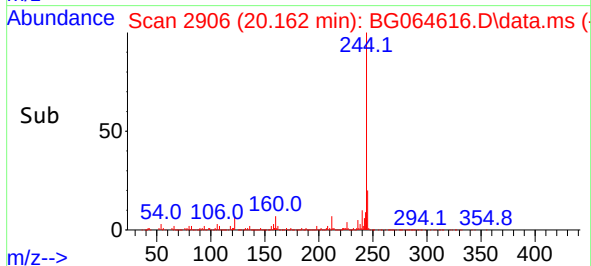
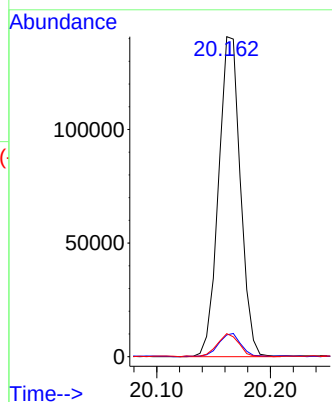
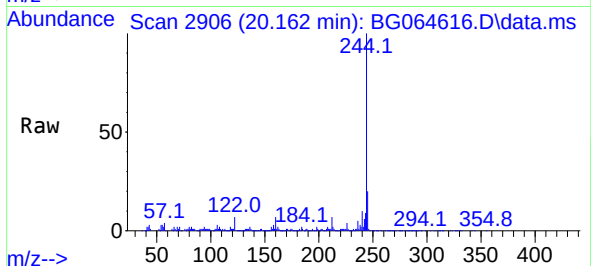




#79
 Terphenyl-d14
 Concen: 12.221 ng
 RT: 20.162 min Scan# 2908
 Delta R.T. -0.016 min
 Lab File: BG064616.D
 Acq: 29 Oct 2025 00:41

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-10242025

Tgt Ion:244 Resp: 188090
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.197 min Scan# 3763
 Delta R.T. -0.004 min
 Lab File: BG064616.D
 Acq: 29 Oct 2025 00:41

Tgt Ion:264 Resp: 321634
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.3 17.6 26.4

