

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064593.D
 Acq On : 27 Oct 2025 18:47
 Operator : RC/JU
 Sample : Q3400-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760450

Quant Time: Oct 29 16:07:09 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	8.220	152	67699	40.000	ng	0.00
21) Naphthalene-d8	11.046	136	268060	40.000	ng	0.00
39) Acenaphthene-d10	14.842	164	218553	40.000	ng	0.00
64) Phenanthrene-d10	17.580	188	525908	40.000	ng	0.00
76) Chrysene-d12	21.851	240	570907	40.000	ng	-0.01
86) Perylene-d12	25.194	264	621637	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	178966	88.744	ng	0.00
7) Phenol-d6	7.350	99	159770	57.736	ng	0.00
23) Nitrobenzene-d5	9.383	82	224133	100.440	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	215818	136.837	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	609771	84.580	ng	0.00
79) Terphenyl-d14	20.165	244	1042911	68.948	ng	-0.01

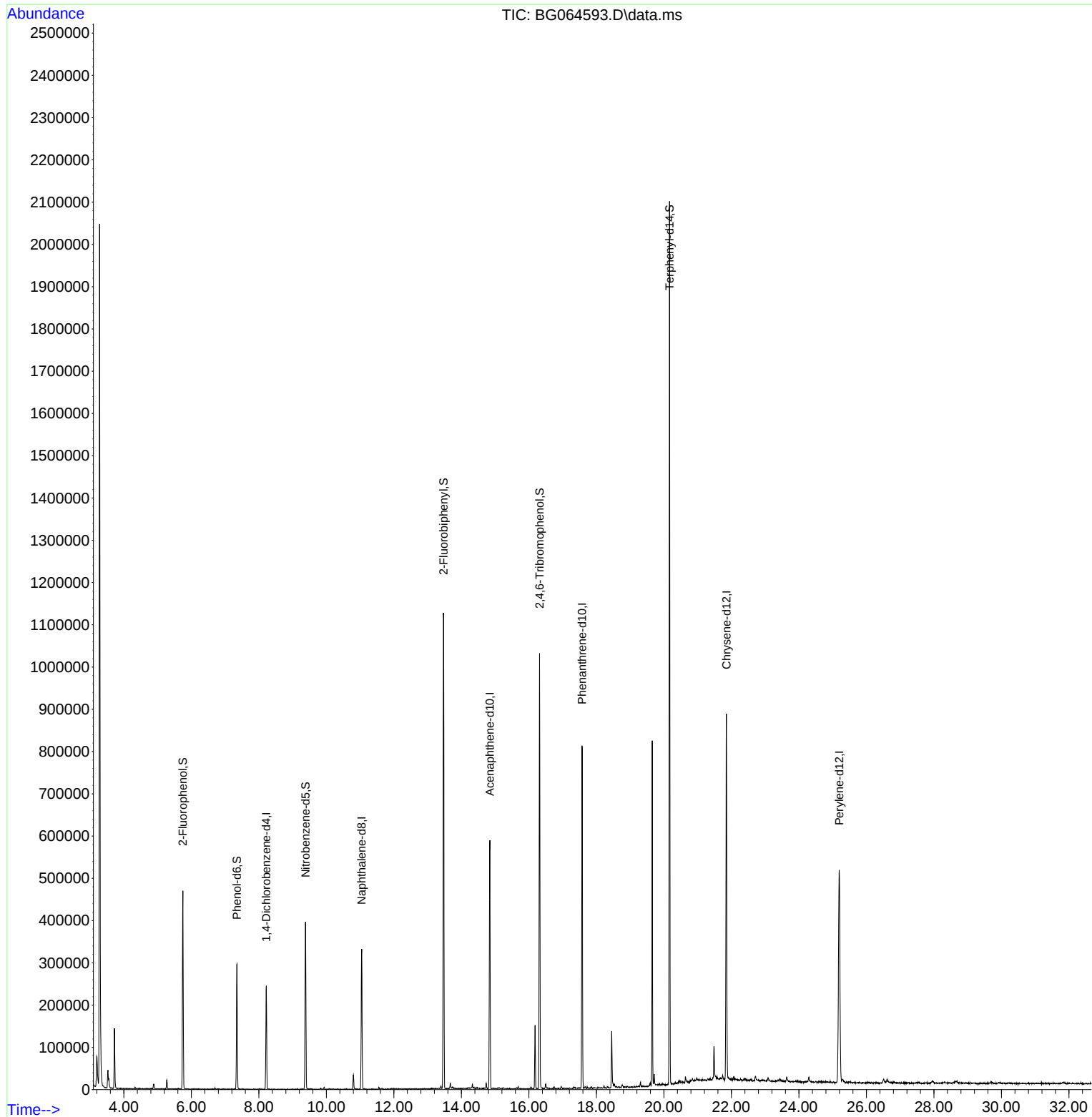
Target Compounds	Qvalue

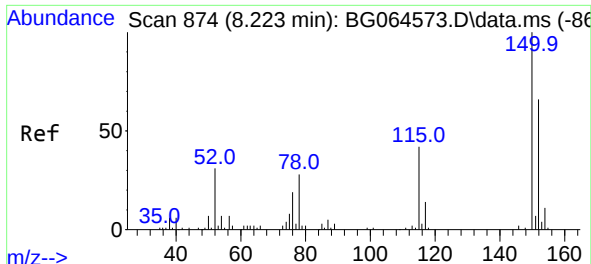
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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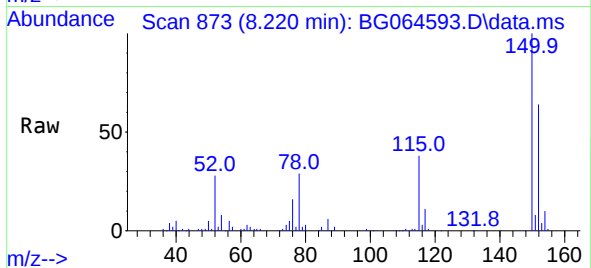
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



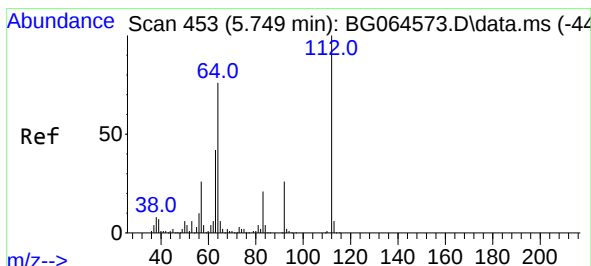
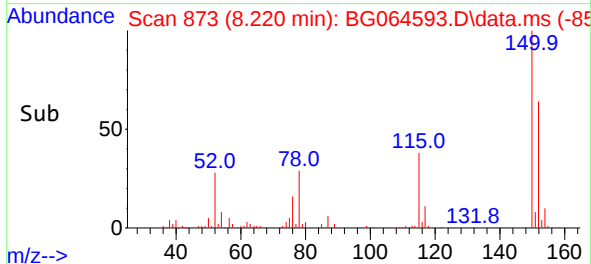
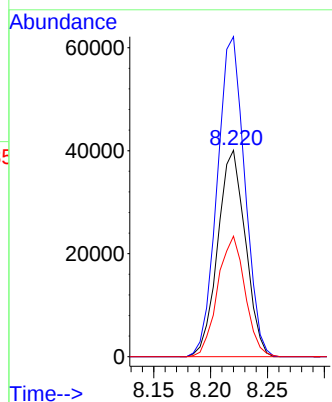


#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760450

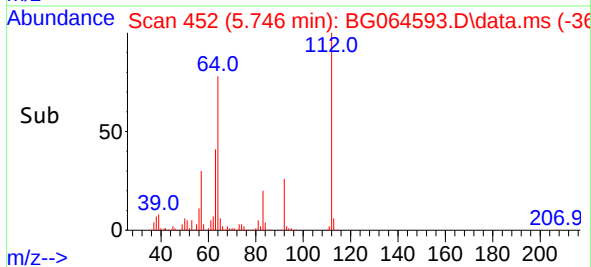
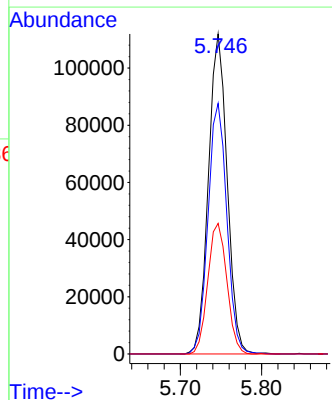
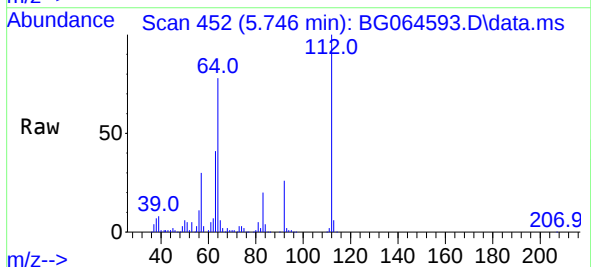


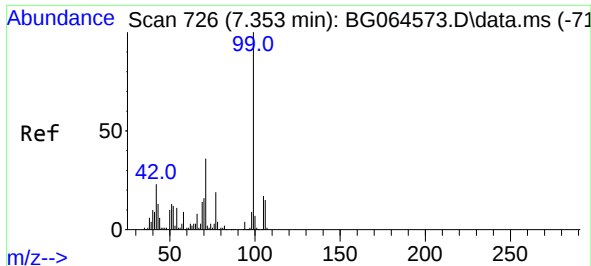
Tgt Ion:152 Resp: 67699
Ion Ratio Lower Upper
152 100
150 155.1 122.2 183.4
115 58.4 50.8 76.2



#5
2-Fluorophenol
Concen: 88.744 ng
RT: 5.746 min Scan# 452
Delta R.T. -0.001 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Tgt Ion:112 Resp: 178966
Ion Ratio Lower Upper
112 100
64 78.3 60.7 91.1
63 40.8 33.4 50.0



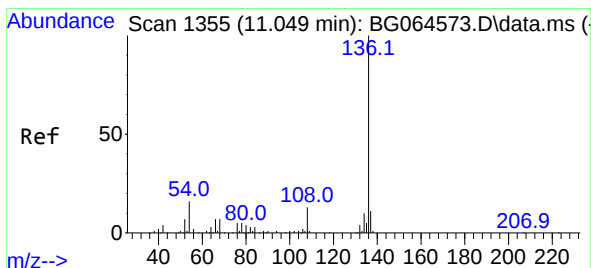
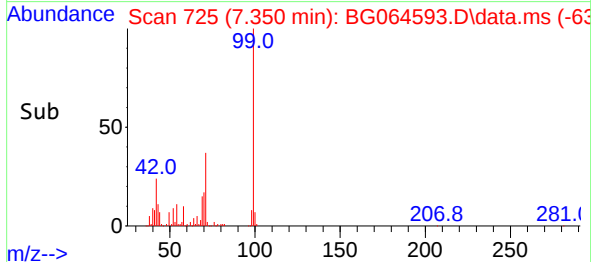
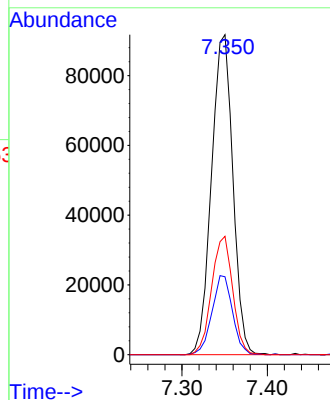
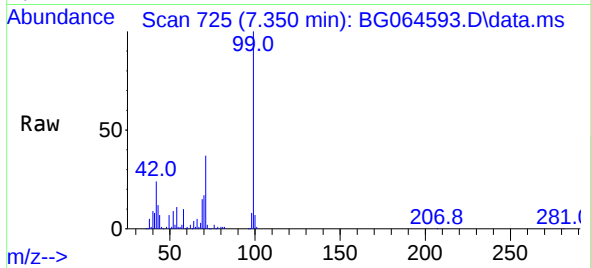


#7
Phenol-d6
Concen: 57.736 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760450

Tgt Ion: 99 Resp: 159770

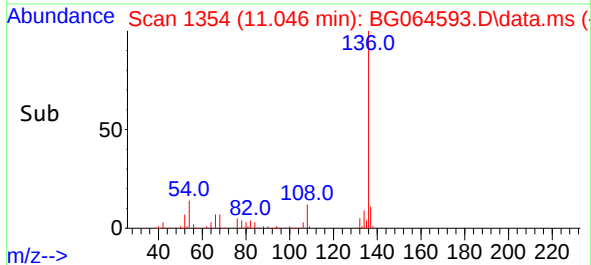
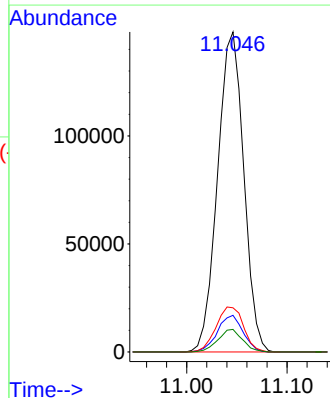
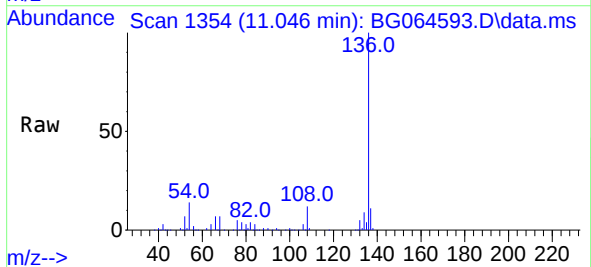
Ion	Ratio	Lower	Upper
99	100		
42	24.3	18.3	27.5
71	37.0	28.6	43.0

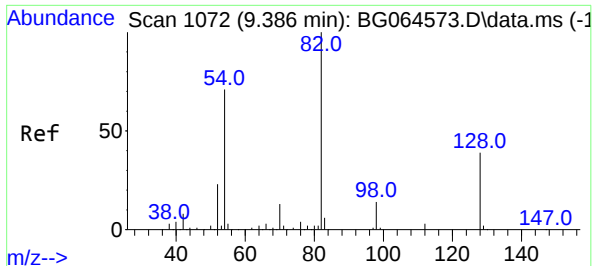


#21
Naphthalene-d8
Concen: 40.000 ng
RT: 11.046 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Tgt Ion: 136 Resp: 268060

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	13.8	12.6	19.0
68	7.0	5.7	8.5





#23

Nitrobenzene-d5

Concen: 100.440 ng

RT: 9.383 min Scan# 1072

Delta R.T. -0.007 min

Lab File: BG064593.D

Acq: 27 Oct 2025 18:47

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-0760450

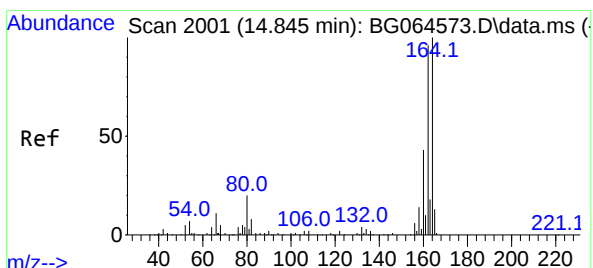
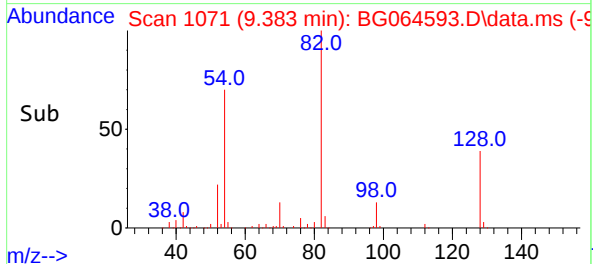
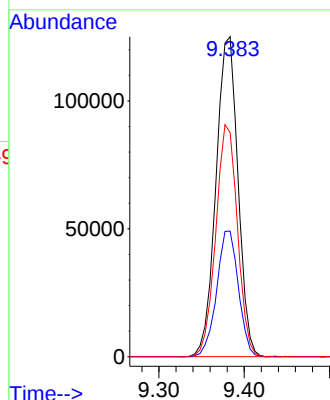
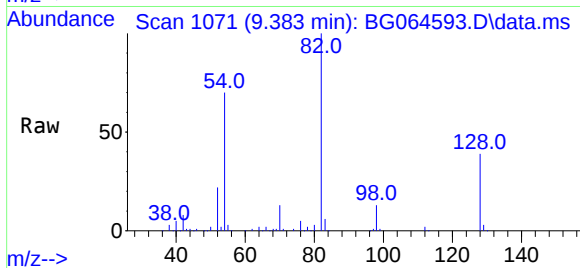
Tgt Ion: 82 Resp: 224133

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

54 70.0 56.6 84.8



#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 14.842 min Scan# 2000

Delta R.T. -0.001 min

Lab File: BG064593.D

Acq: 27 Oct 2025 18:47

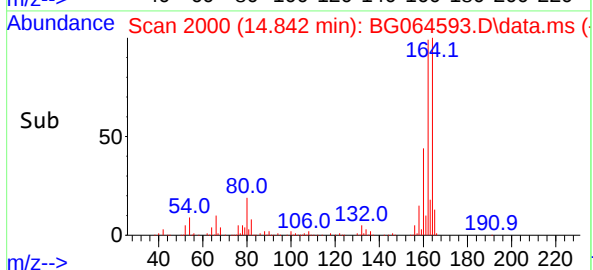
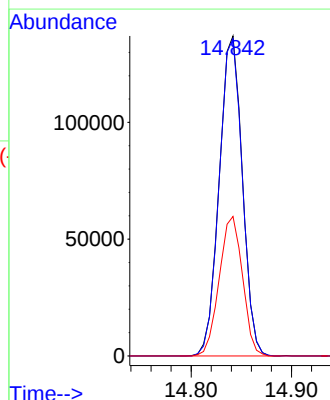
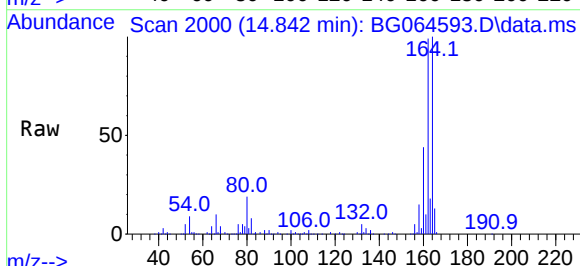
Tgt Ion:164 Resp: 218553

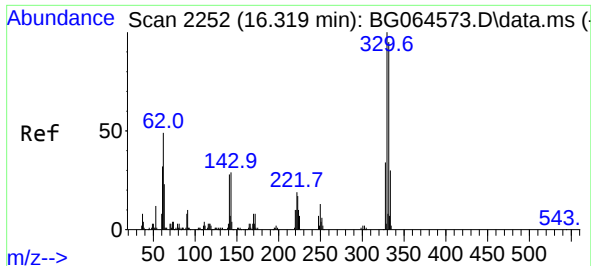
Ion Ratio Lower Upper

164 100

162 99.2 77.0 115.6

160 43.6 34.4 51.6

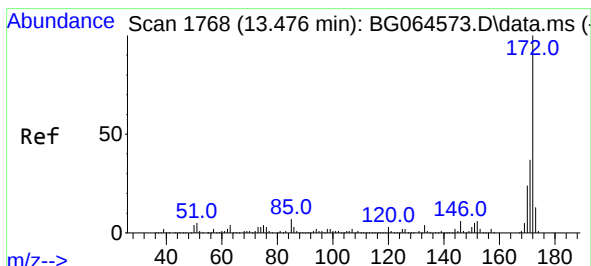
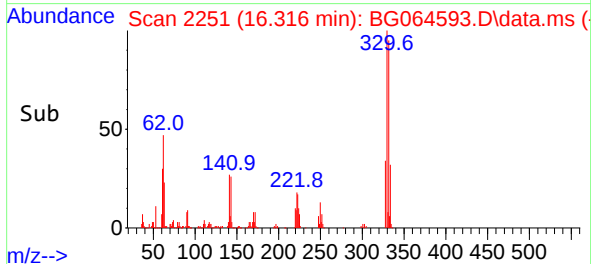
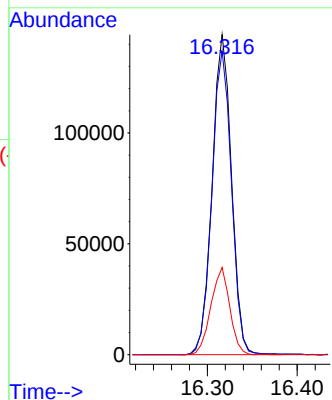
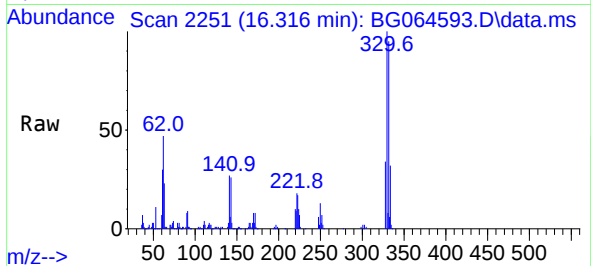




#42
2,4,6-Tribromophenol
Concen: 136.837 ng
RT: 16.316 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

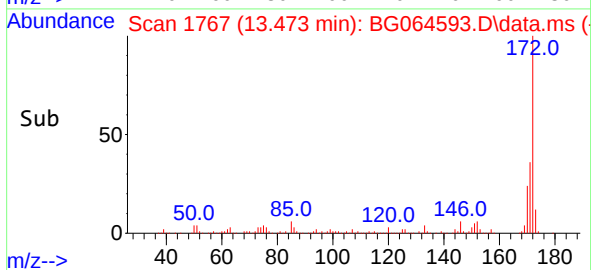
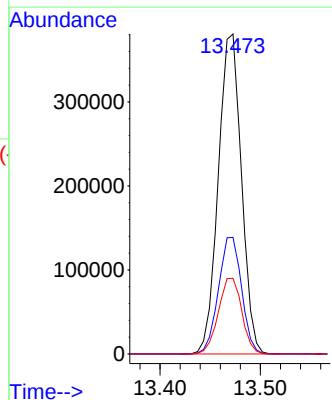
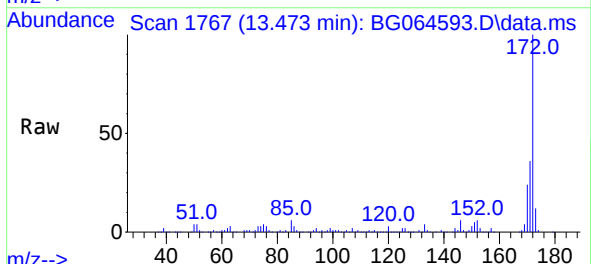
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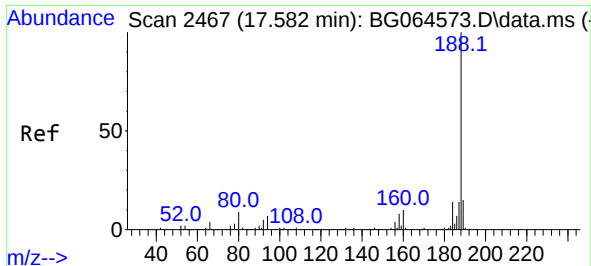
Tgt Ion:330 Resp: 215818
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 26.5 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 84.580 ng
RT: 13.473 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Tgt Ion:172 Resp: 609771
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 23.7 19.1 28.7

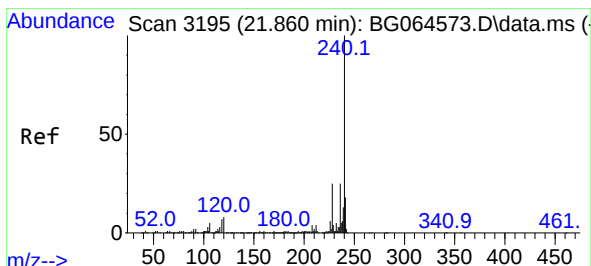
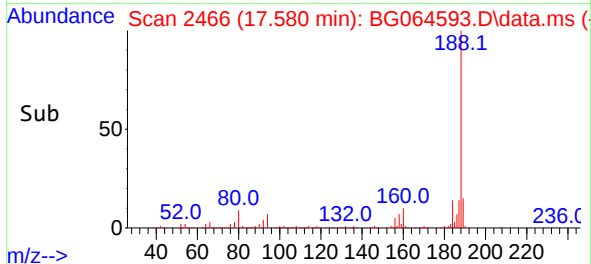
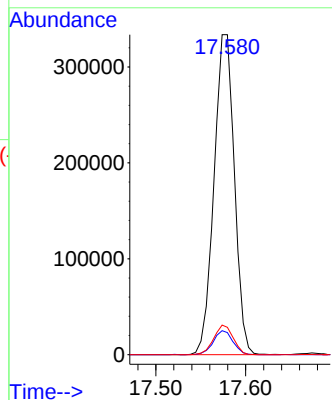
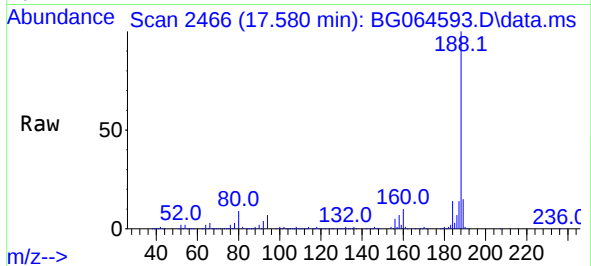




#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 17.580 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

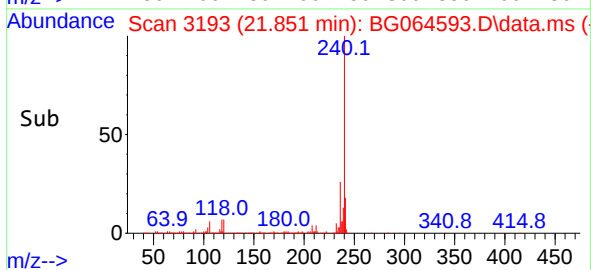
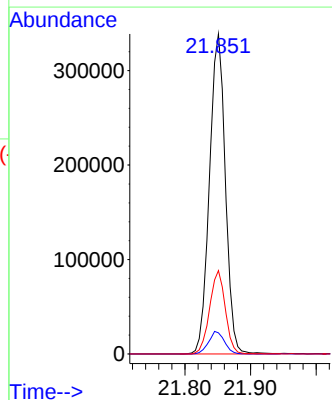
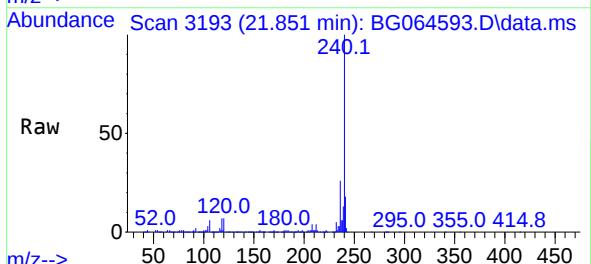
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760450

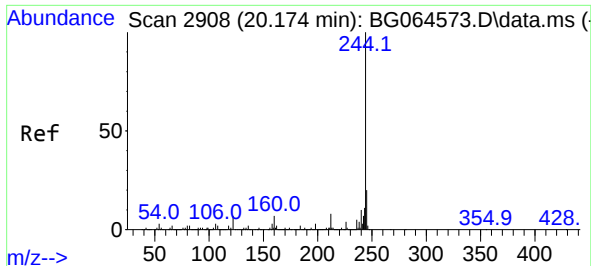
Tgt Ion:188 Resp: 525908
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 40.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064593.D
Acq: 27 Oct 2025 18:47

Tgt Ion:240 Resp: 570907
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 26.1 20.2 30.2

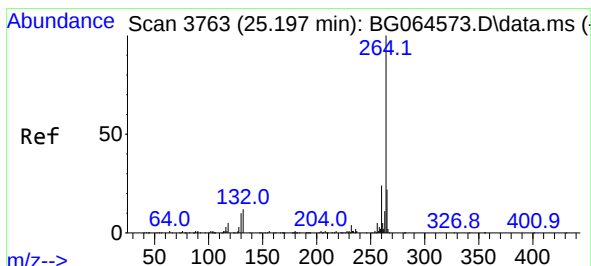
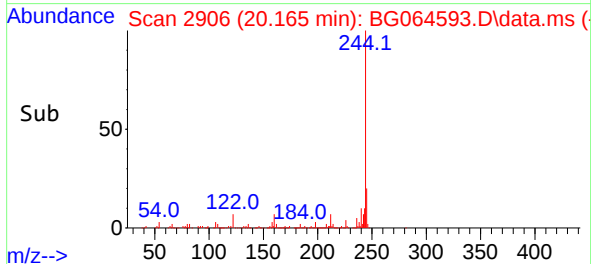
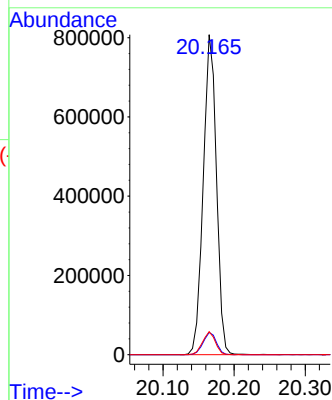
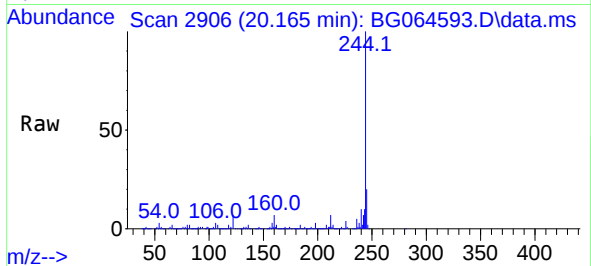




#79
 Terphenyl-d14
 Concen: 68.948 ng
 RT: 20.165 min Scan# 2906
 Delta R.T. -0.012 min
 Lab File: BG064593.D
 Acq: 27 Oct 2025 18:47

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-0760450

Tgt Ion:244 Resp: 1042911
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 7.2 5.6 8.4



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 25.194 min Scan# 3762
 Delta R.T. -0.006 min
 Lab File: BG064593.D
 Acq: 27 Oct 2025 18:47

Tgt Ion:264 Resp: 621637
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.3 17.6 26.4

