

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064430.D
 Acq On : 23 Sep 2025 1:08
 Operator : RC/JU
 Sample : Q3157-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20-DEAD-1

Quant Time: Sep 23 01:55:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15630	20.000	ng	#-0.02
21) Naphthalene-d8	10.623	136	63195	20.000	ng	#-0.03
39) Acenaphthene-d10	14.466	164	47171	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	124137	20.000	ng	#-0.02
76) Chrysene-d12	21.428	240	152786	20.000	ng	#-0.03
86) Perylene-d12	24.430	264	169481	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	137979	158.380	ng	-0.02
7) Phenol-d6	7.015	99	172512	144.136	ng	-0.02
23) Nitrobenzene-d5	8.990	82	138709	122.412	ng	-0.03
42) 2,4,6-Tribromophenol	15.952	330	146263	234.095	ng	-0.02
45) 2-Fluorobiphenyl	13.085	172	353045	114.238	ng	-0.03
79) Terphenyl-d14	19.824	244	861900	117.696	ng	-0.02

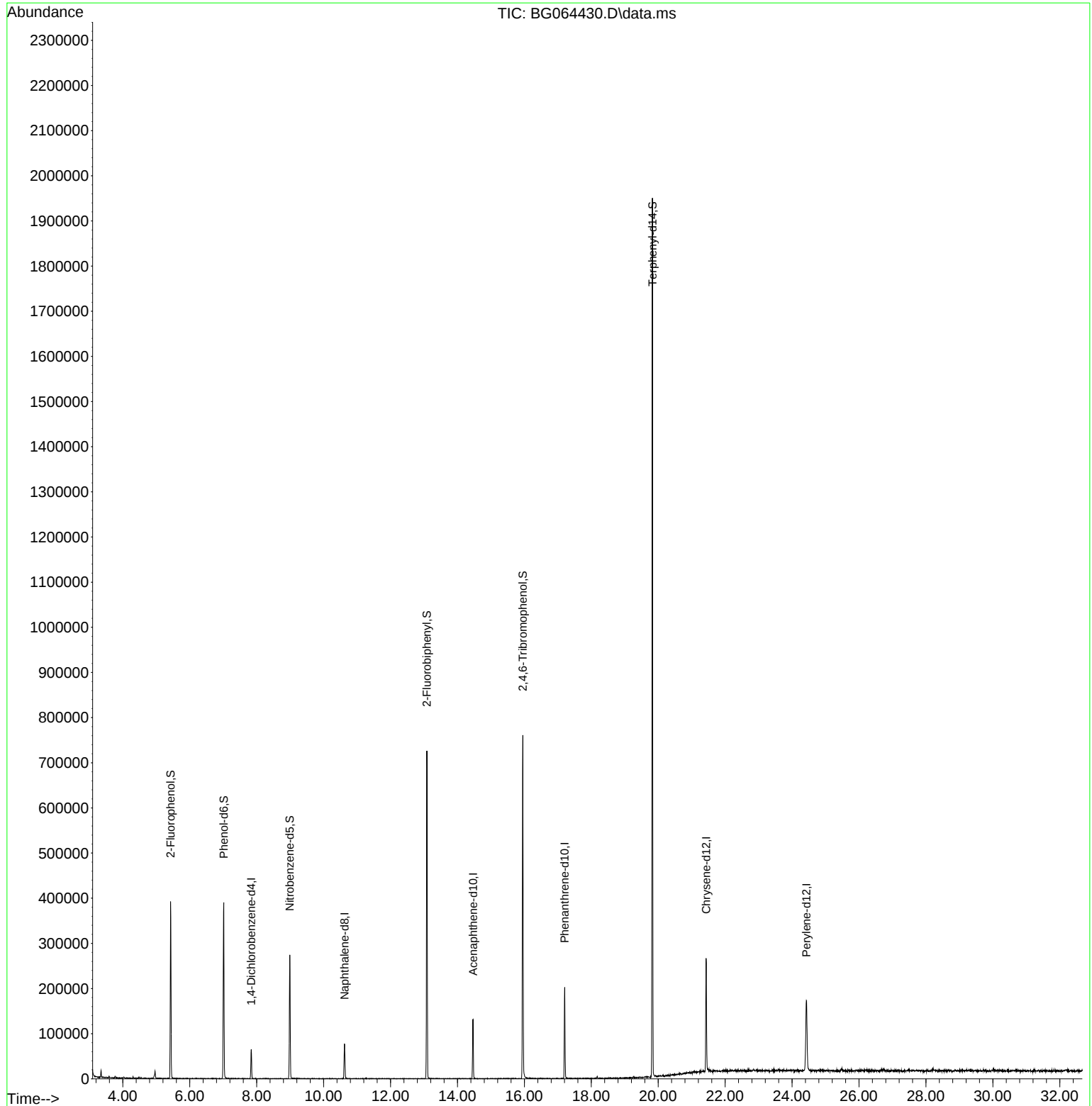
Target Compounds	Qvalue

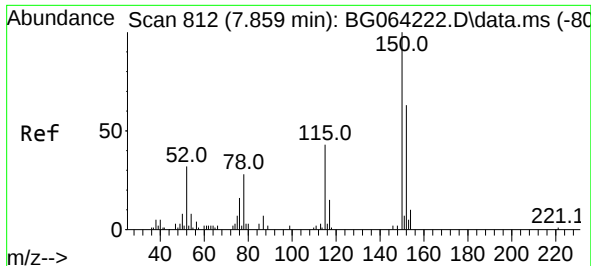
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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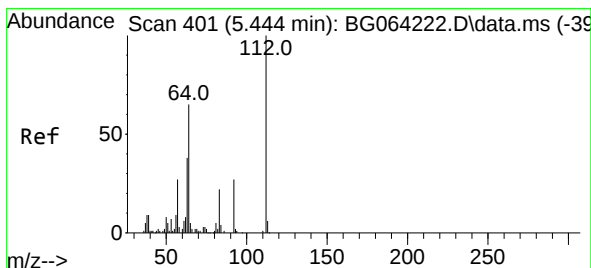
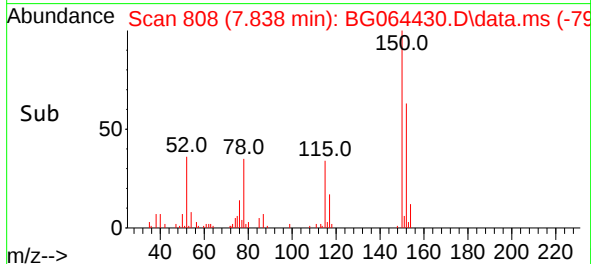
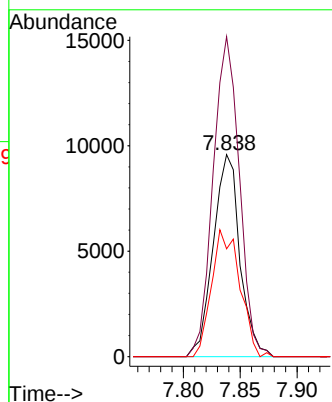
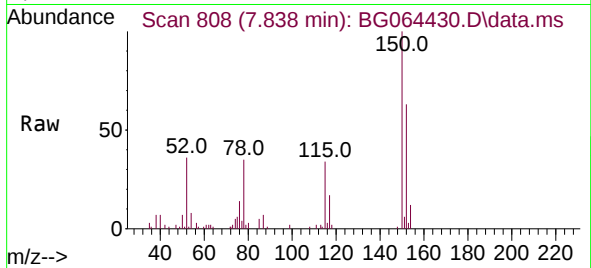




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

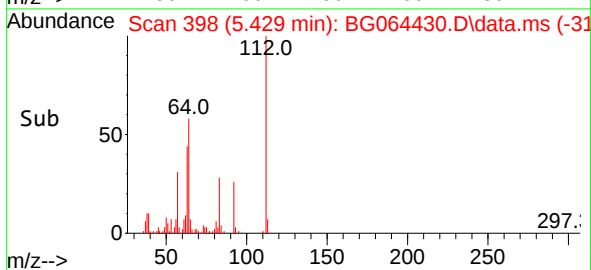
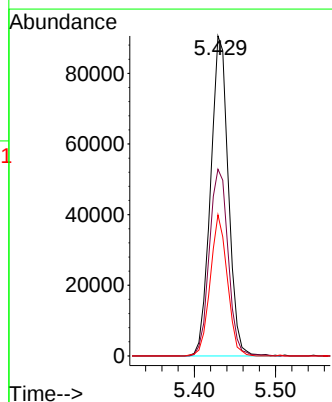
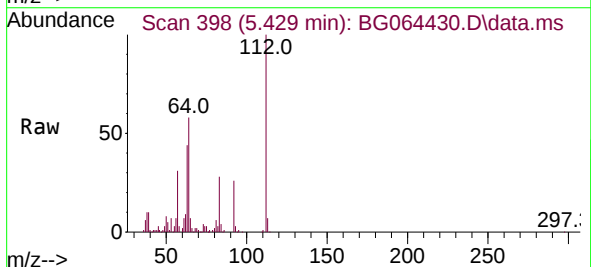
Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

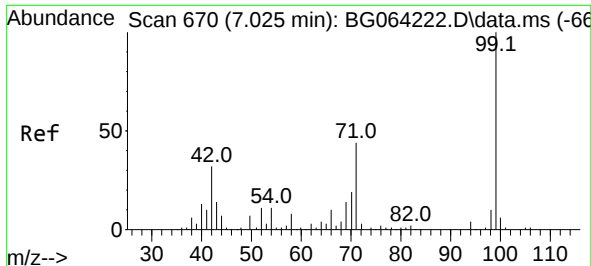
Tgt Ion:152 Resp: 15630
Ion Ratio Lower Upper
152 100
150 158.5 128.0 192.0
115 53.4 55.7 83.5#



#5
2-Fluorophenol
Concen: 158.380 ng
RT: 5.429 min Scan# 398
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:112 Resp: 137979
Ion Ratio Lower Upper
112 100
64 58.3 51.8 77.6
63 44.1 30.6 45.8

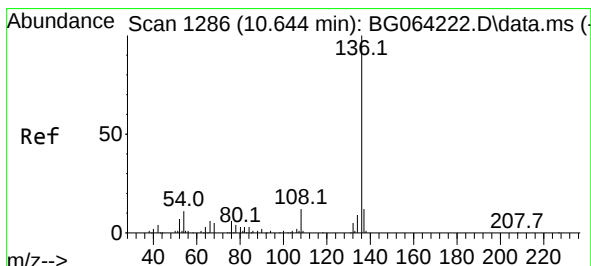
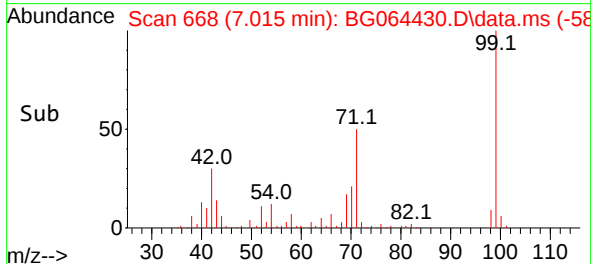
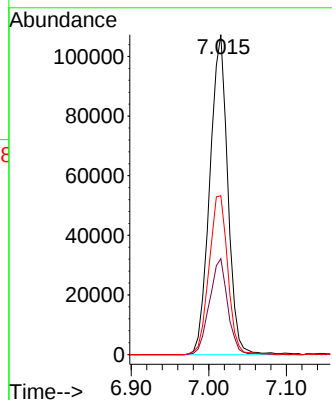
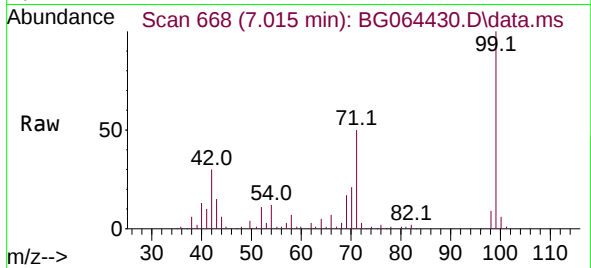




#7
Phenol-d6
Concen: 144.136 ng
RT: 7.015 min Scan# 60
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

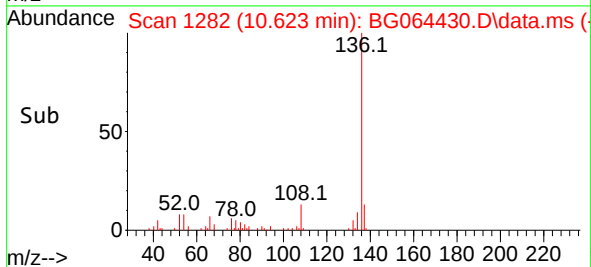
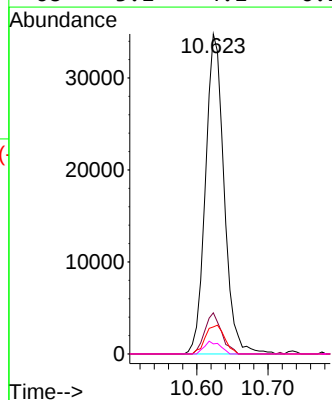
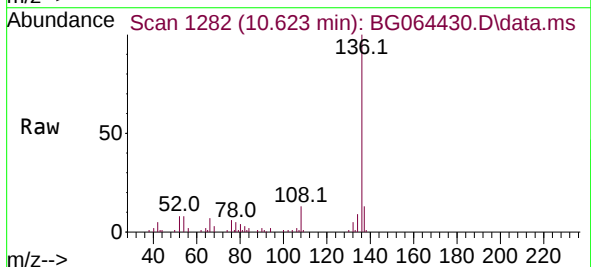
Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

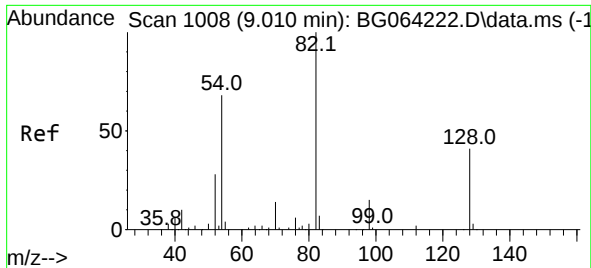
Tgt Ion: 99 Resp: 172512
Ion Ratio Lower Upper
99 100
42 30.0 25.8 38.8
71 49.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1282
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion: 136 Resp: 63195
Ion Ratio Lower Upper
136 100
137 12.8 9.6 14.4
54 8.4 8.8 13.2#
68 3.1 4.1 6.1#

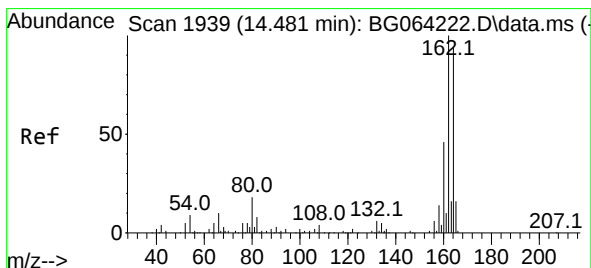
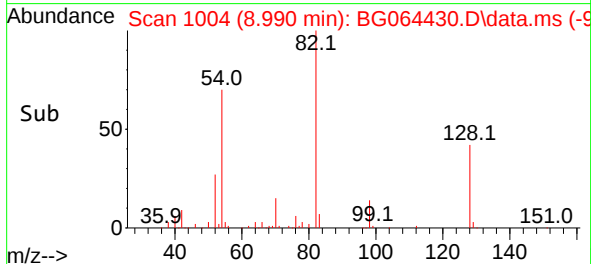
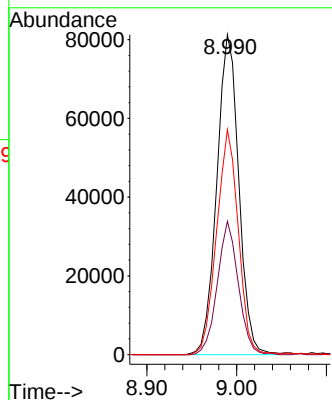
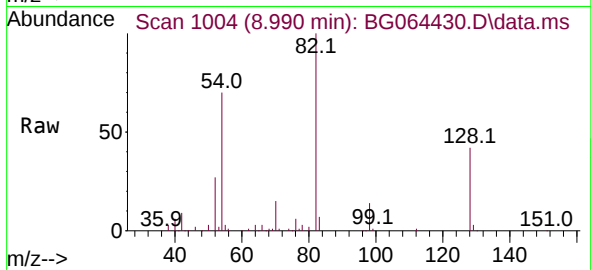




#23
Nitrobenzene-d5
Concen: 122.412 ng
RT: 8.990 min Scan# 1004
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

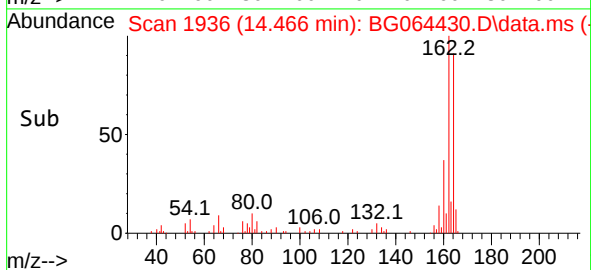
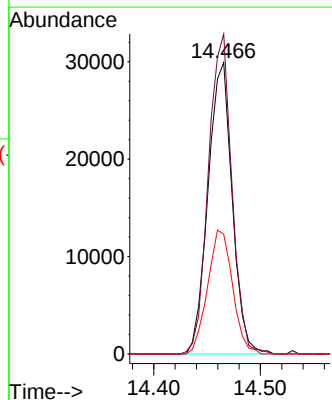
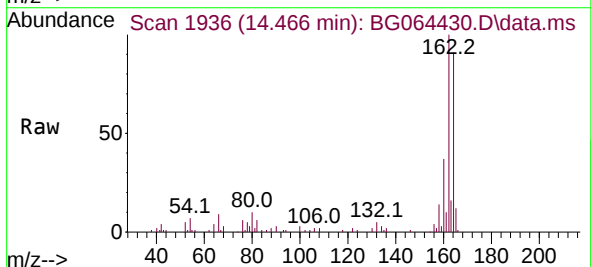
Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

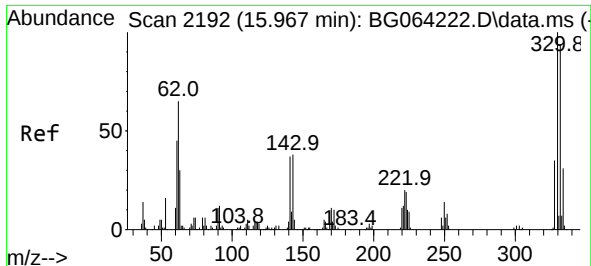
Tgt Ion: 82 Resp: 138709
Ion Ratio Lower Upper
82 100
128 41.7 32.6 48.8
54 70.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1936
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:164 Resp: 47171
Ion Ratio Lower Upper
164 100
162 109.8 85.4 128.0
160 41.0 39.2 58.8

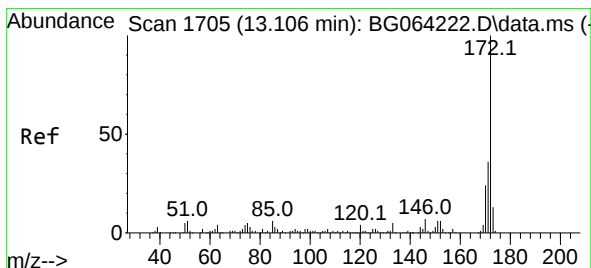
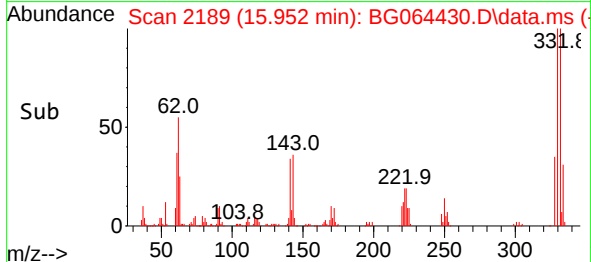
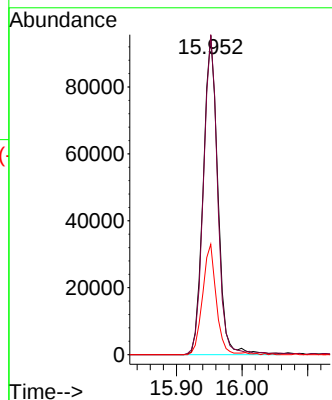
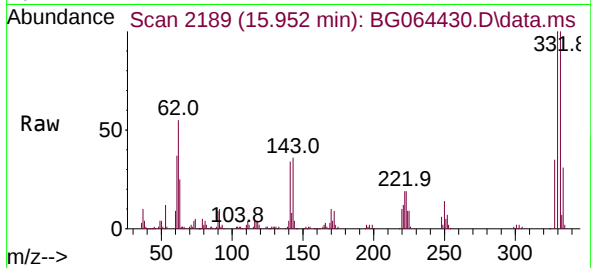




#42
2,4,6-Tribromophenol
Concen: 234.095 ng
RT: 15.952 min Scan# 2192
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

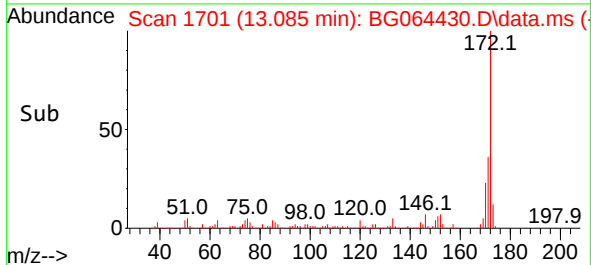
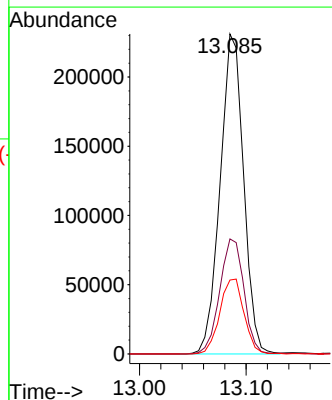
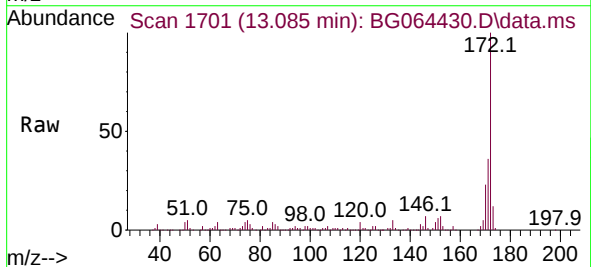
Instrument :
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20-DEAD-1

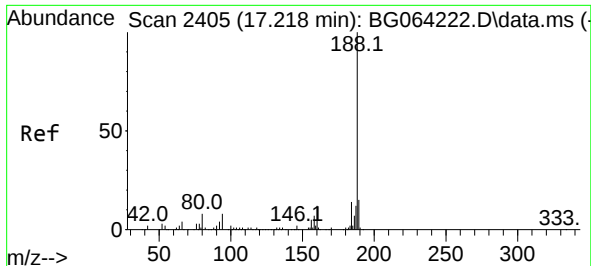
Tgt Ion:330 Resp: 146263
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 32.5 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 114.238 ng
RT: 13.085 min Scan# 1701
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:172 Resp: 353045
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.1 19.0 28.6

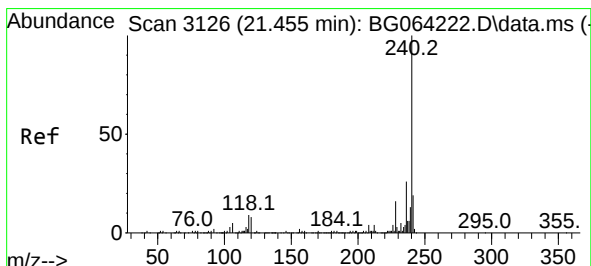
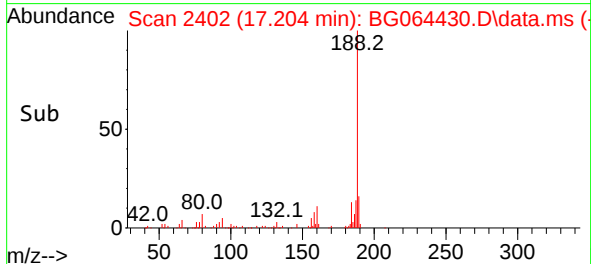
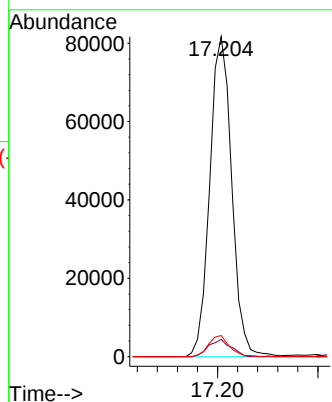
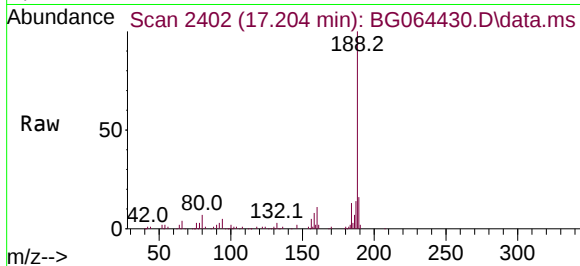




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

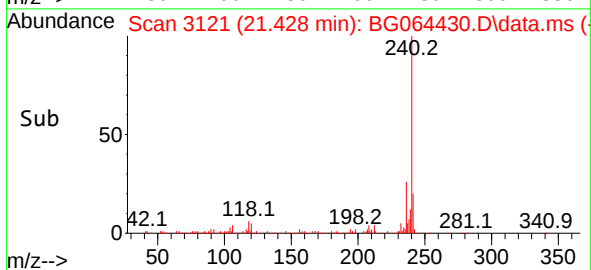
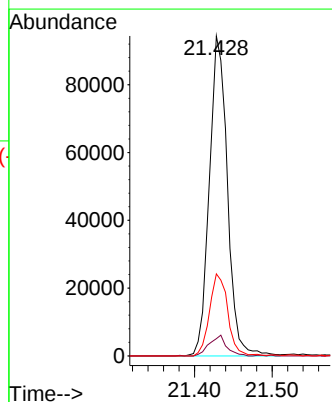
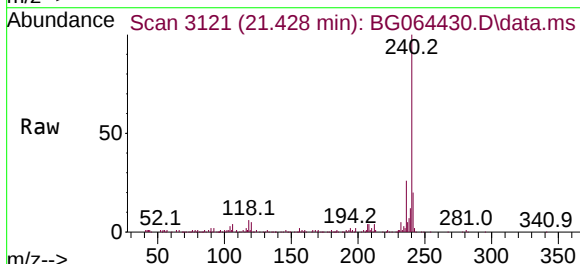
Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

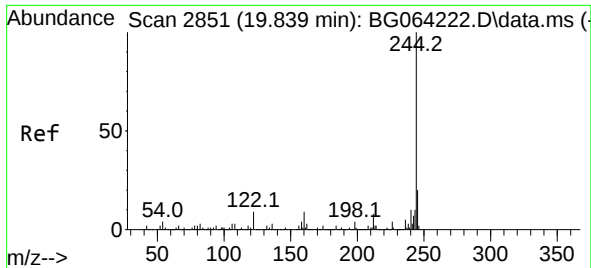
Tgt Ion:188 Resp: 124137
Ion Ratio Lower Upper
188 100
94 5.4 6.2 9.4#
80 6.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:240 Resp: 152786
Ion Ratio Lower Upper
240 100
120 5.4 6.2 9.4#
236 25.6 20.5 30.7

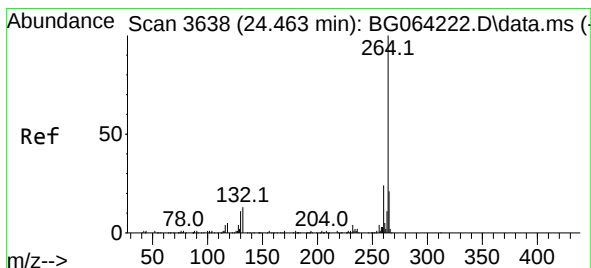
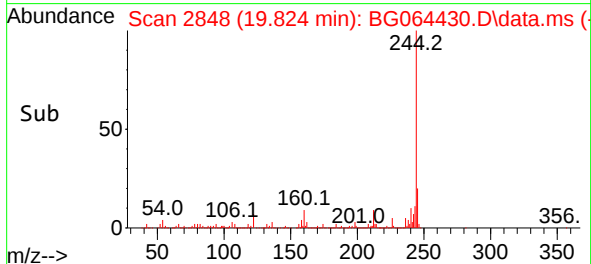
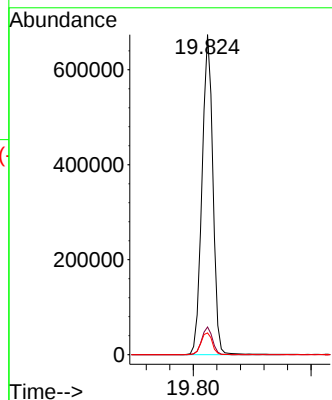
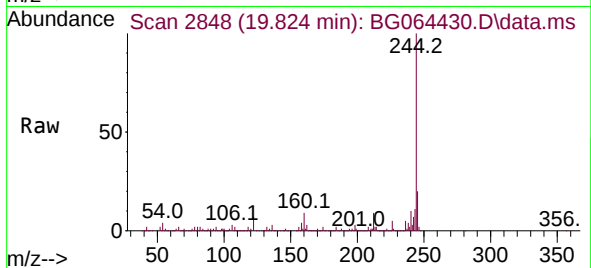




#79
 Terphenyl-d14
 Concen: 117.696 ng
 RT: 19.824 min Scan# 2851
 Delta R.T. -0.021 min
 Lab File: BG064430.D
 Acq: 23 Sep 2025 1:08

Instrument :
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 20-DEAD-1

Tgt Ion:244 Resp: 861900
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 6.8 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.430 min Scan# 3632
 Delta R.T. -0.033 min
 Lab File: BG064430.D
 Acq: 23 Sep 2025 1:08

Tgt Ion:264 Resp: 169481
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 22.7 16.7 25.1

