

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064064.D
 Acq On : 7 Mar 2025 18:21
 Operator : RC/JU
 Sample : Q1514-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB03062025

Quant Time: Mar 07 22:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	32854	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	141929	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	100513	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	241431	20.000	ng	0.00
76) Chrysene-d12	21.460	240	267874	20.000	ng	0.00
86) Perylene-d12	24.474	264	281608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	161925	76.958	ng	0.00
7) Phenol-d6	7.024	99	154295	53.905	ng	0.00
23) Nitrobenzene-d5	9.016	82	203577	79.265	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	140808	126.028	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	477492	72.108	ng	0.00
79) Terphenyl-d14	19.850	244	1053306	79.507	ng	0.00

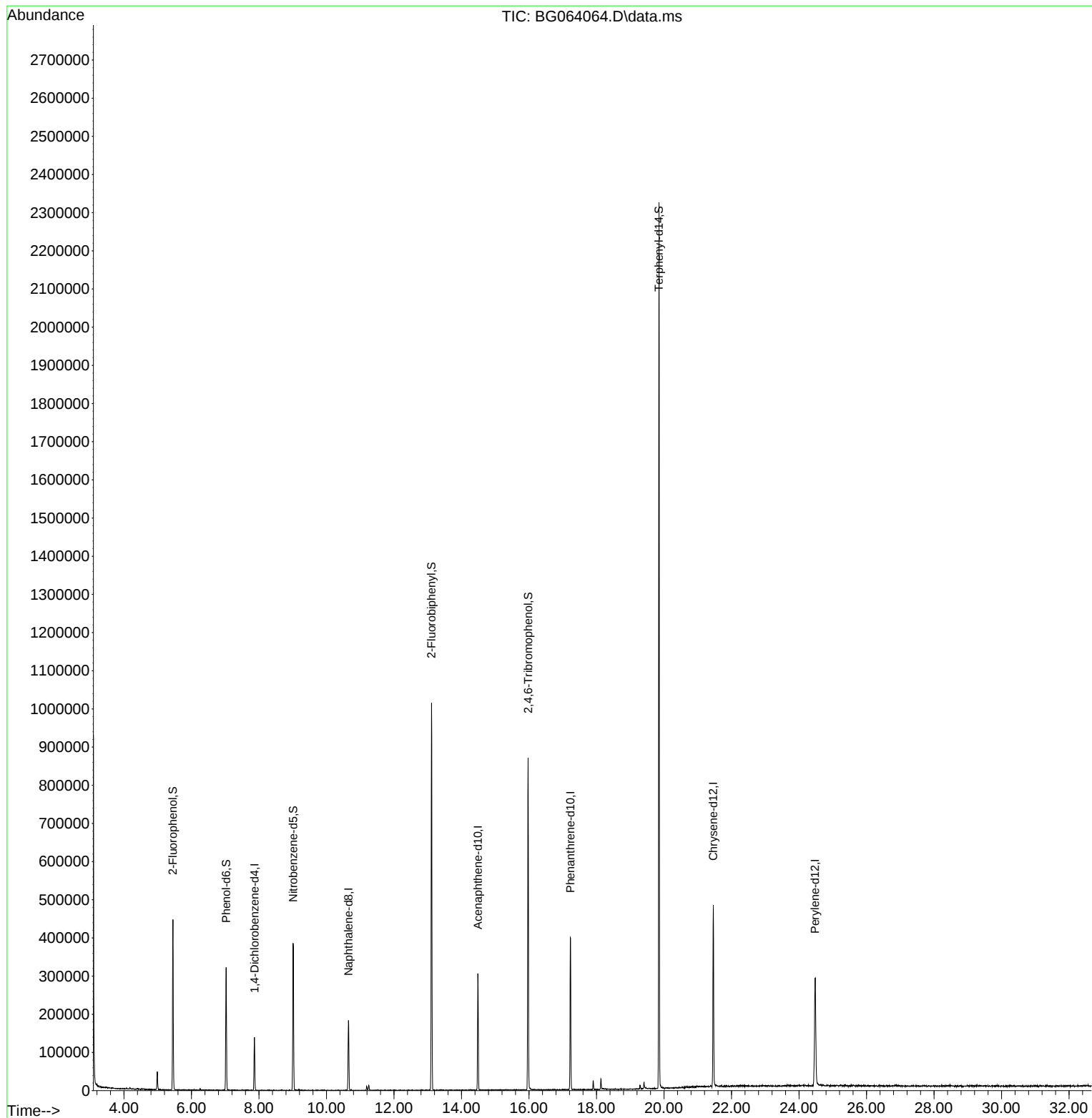
Target Compounds	Qvalue

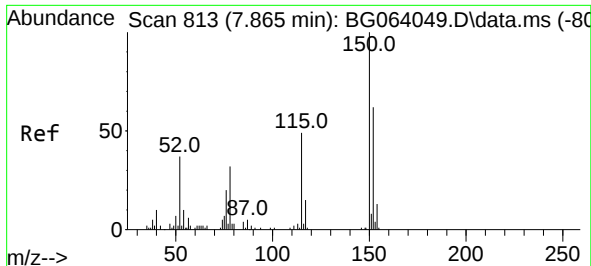
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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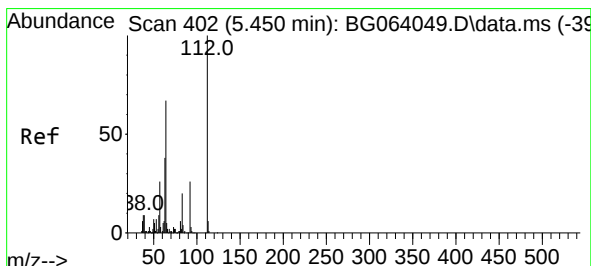
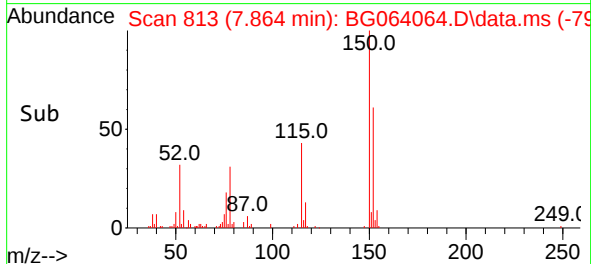
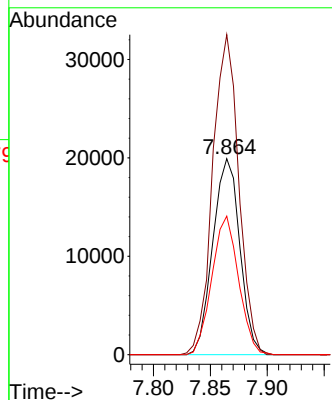
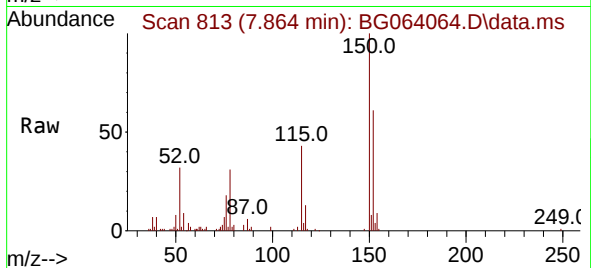




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

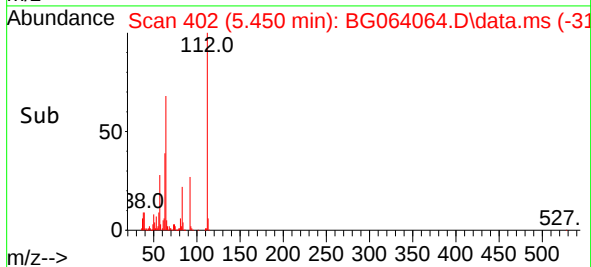
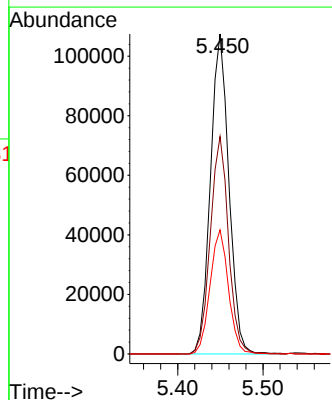
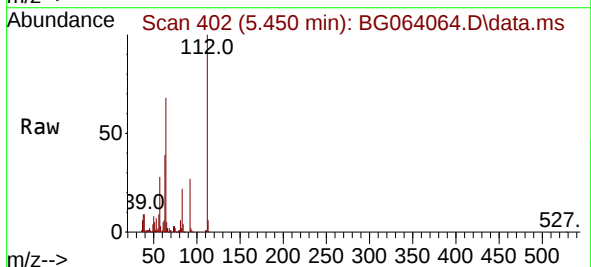
Instrument :
BNA_G
ClientSampleId :
FB03062025

Tgt Ion:152 Resp: 32854
Ion Ratio Lower Upper
152 100
150 163.3 129.2 193.8
115 70.7 63.0 94.6



#5
2-Fluorophenol
Concen: 76.958 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

Tgt Ion:112 Resp: 161925
Ion Ratio Lower Upper
112 100
64 67.9 53.7 80.5
63 38.8 30.2 45.4

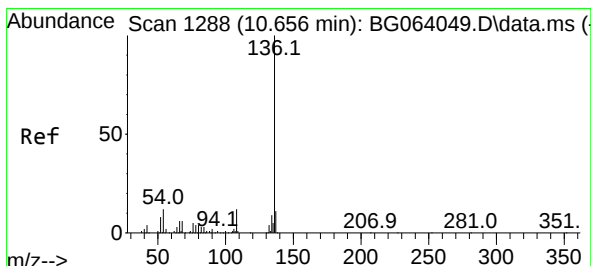
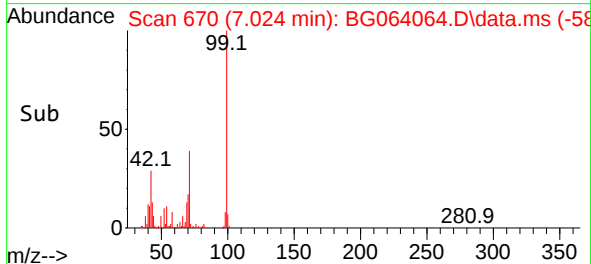
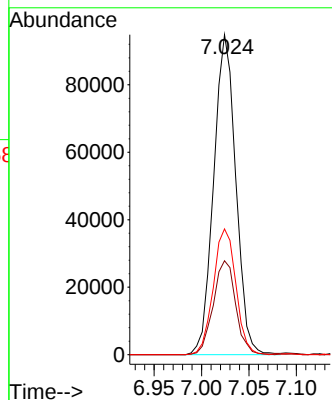
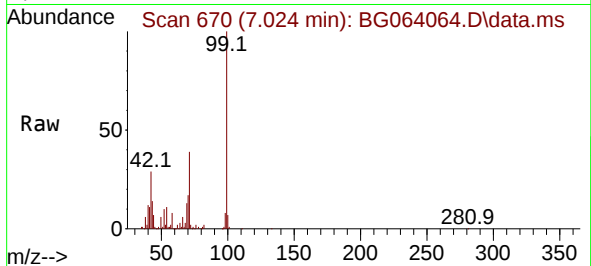




#7
Phenol-d6
Concen: 53.905 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

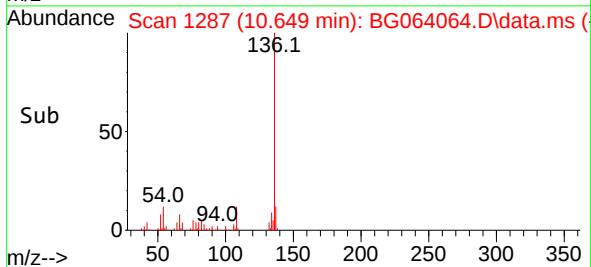
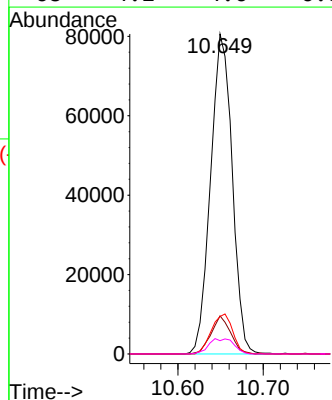
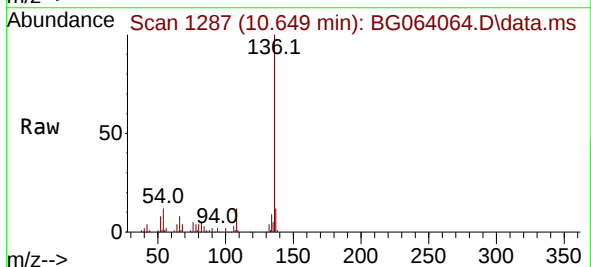
Instrument :
BNA_G
ClientSampleId :
FB03062025

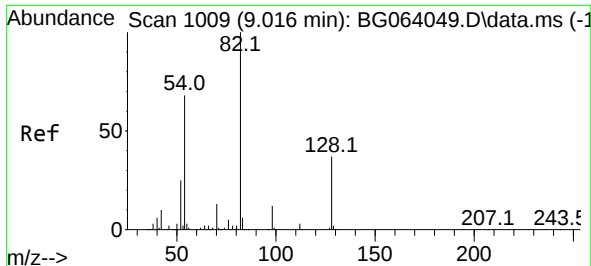
Tgt Ion: 99 Resp: 154295
Ion Ratio Lower Upper
99 100
42 29.4 22.7 34.1
71 39.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

Tgt Ion: 136 Resp: 141929
Ion Ratio Lower Upper
136 100
137 11.9 8.5 12.7
54 11.7 9.9 14.9
68 4.2 4.6 6.8#

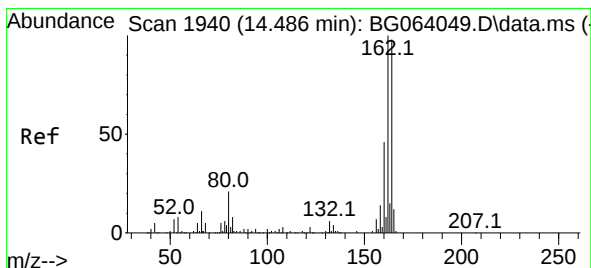
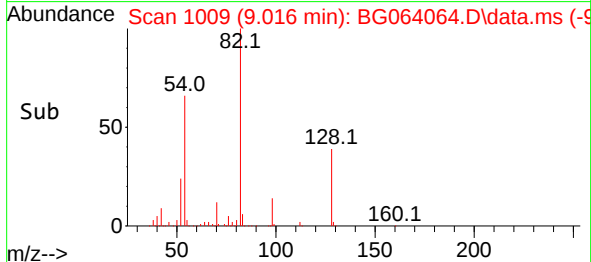
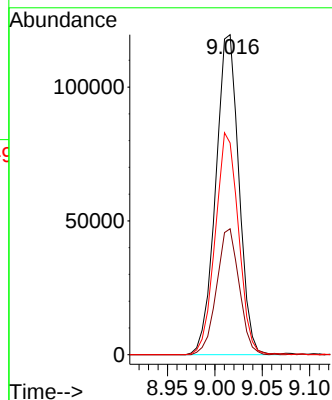
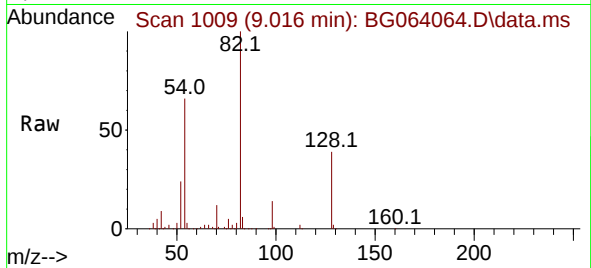




#23
Nitrobenzene-d5
Concen: 79.265 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

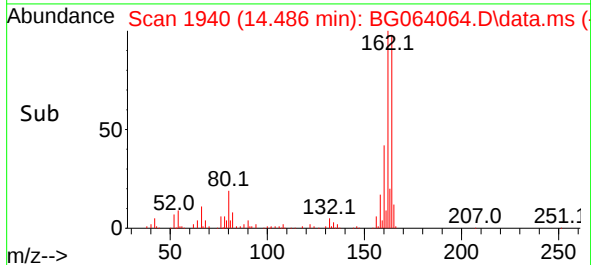
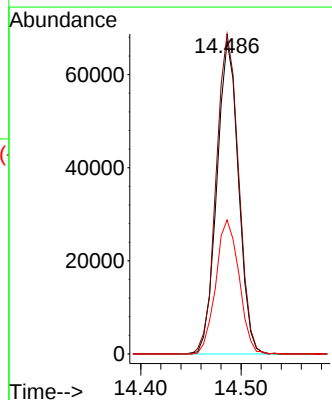
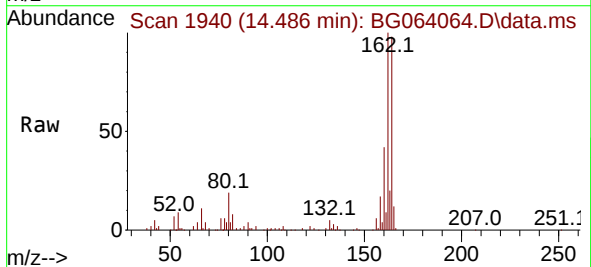
Instrument :
BNA_G
ClientSampleId :
FB03062025

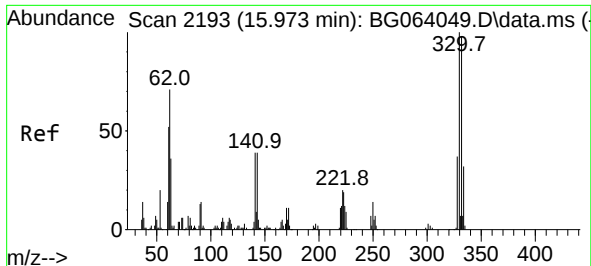
Tgt Ion: 82 Resp: 203577
Ion Ratio Lower Upper
82 100
128 39.3 30.0 45.0
54 66.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

Tgt Ion:164 Resp: 100513
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 42.8 37.0 55.6

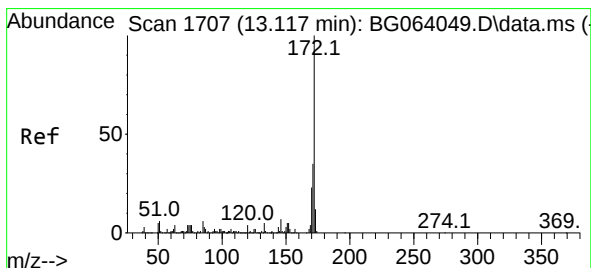
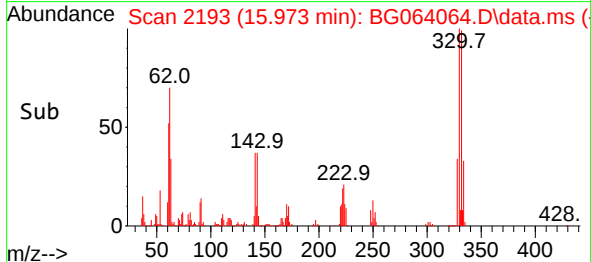
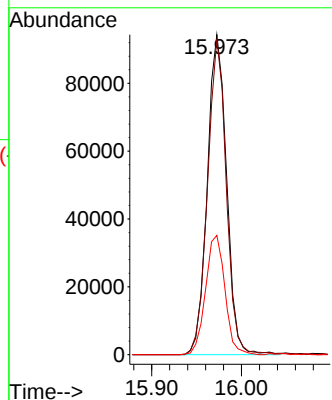
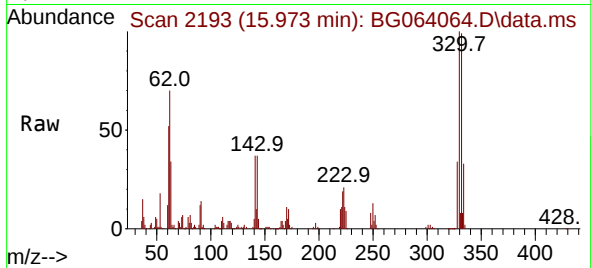




#42
2,4,6-Tribromophenol
Concen: 126.028 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

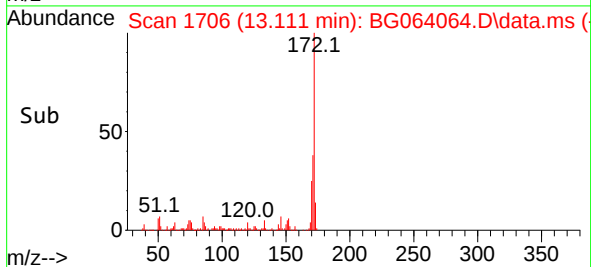
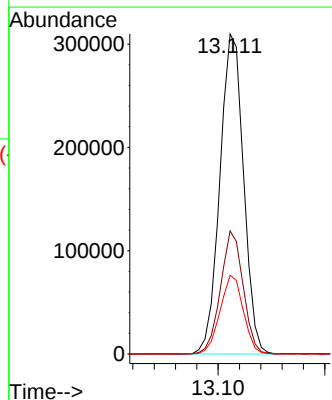
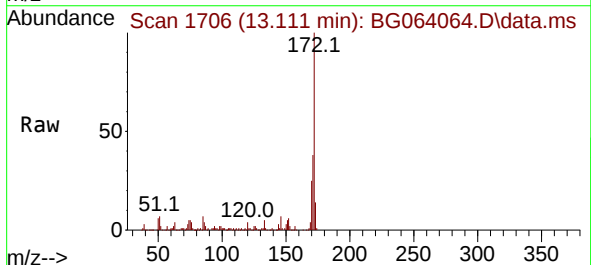
Instrument :
BNA_G
ClientSampleId :
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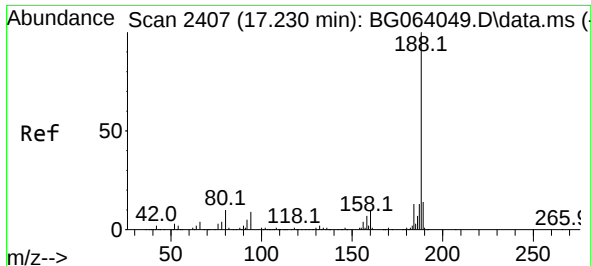
Tgt Ion:330 Resp: 140808
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 37.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 72.108 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

Tgt Ion:172 Resp: 477492
Ion Ratio Lower Upper
172 100
171 38.5 28.0 42.0
170 24.6 18.7 28.1

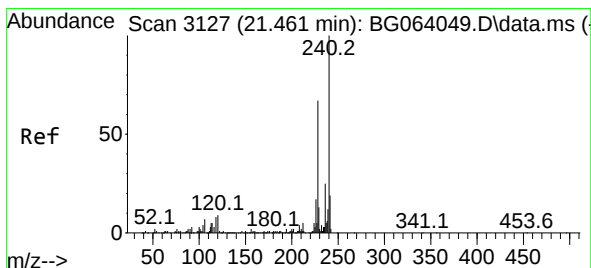
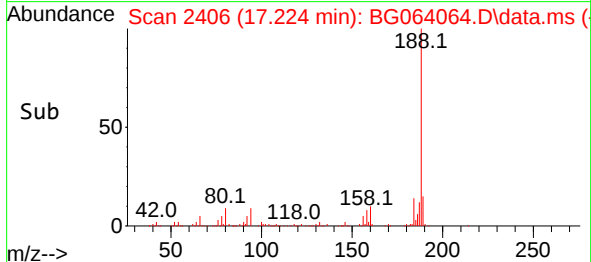
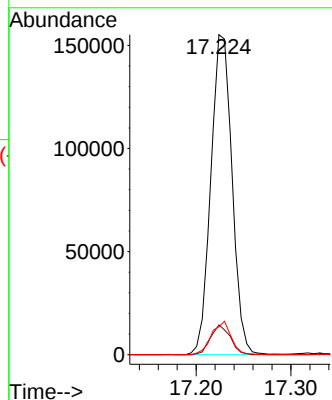
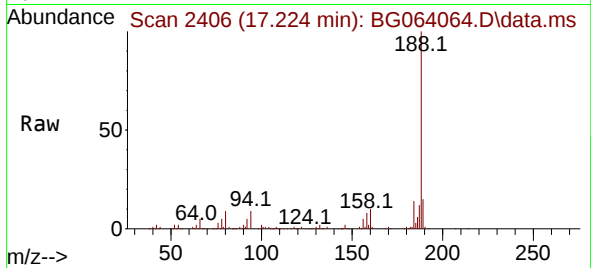




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

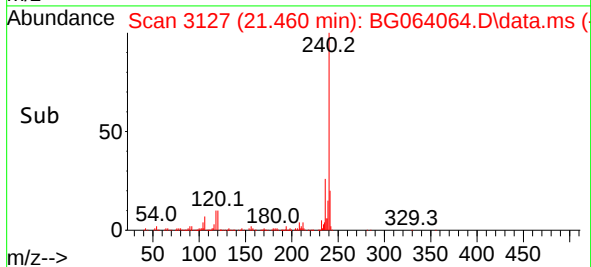
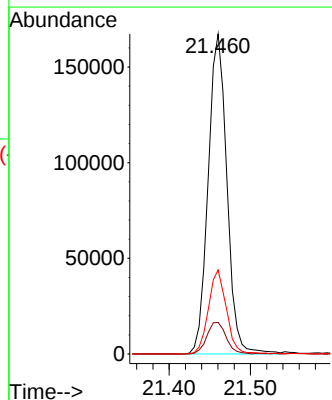
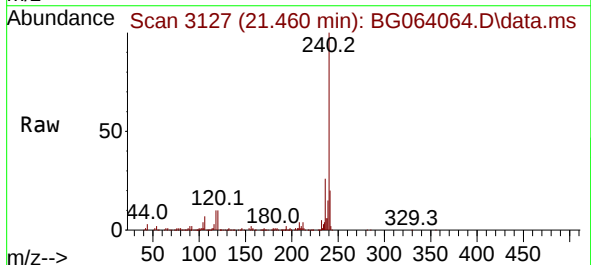
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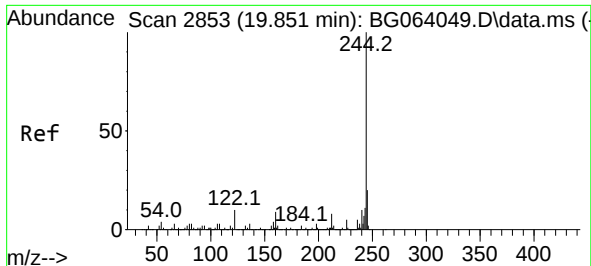
Tgt Ion:188 Resp: 241431
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064064.D
Acq: 7 Mar 2025 18:21

Tgt Ion:240 Resp: 267874
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 26.3 20.2 30.2



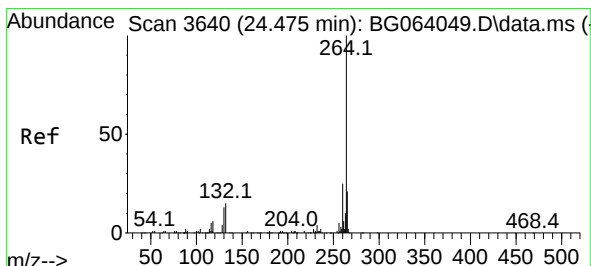
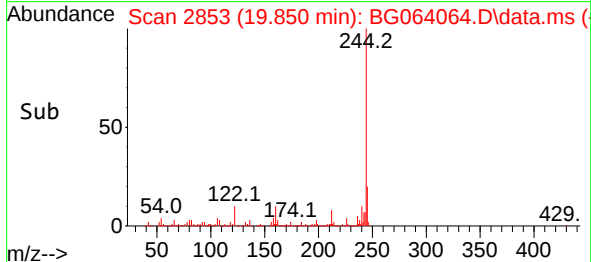
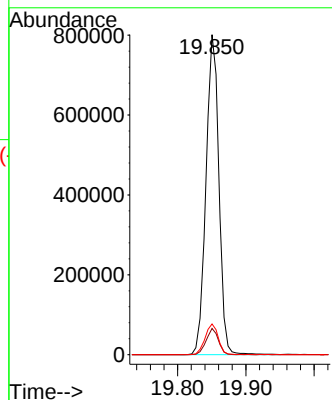
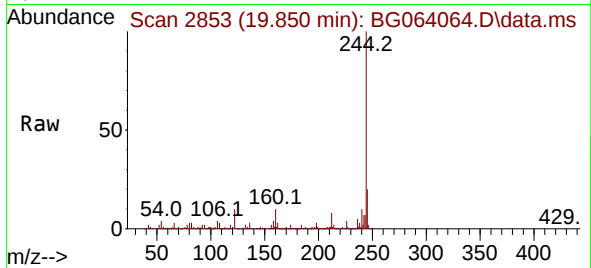


#79
 Terphenyl-d14
 Concen: 79.507 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG064064.D
 Acq: 7 Mar 2025 18:21

Instrument :
 BNA_G
 ClientSampleId :
 FB03062025

Tgt Ion:244 Resp: 1053306

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	9.6	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3640
 Delta R.T. -0.000 min
 Lab File: BG064064.D
 Acq: 7 Mar 2025 18:21

Tgt Ion:264 Resp: 281608

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.9	16.6	25.0

