

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064182.D
 Acq On : 4 Apr 2025 1:23
 Operator : RC/JU
 Sample : PB167408TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167408TB

Quant Time: Apr 04 03:29:38 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	7.853	152	25916	20.000	ng	#-0.01
21) Naphthalene-d8	10.644	136	120108	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	95417	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	235085	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	243065	20.000	ng	-0.01
86) Perylene-d12	24.457	264	257466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	251653	151.622	ng	0.00
7) Phenol-d6	7.025	99	338462	149.901	ng	0.00
23) Nitrobenzene-d5	9.011	82	231433	106.483	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	191210	180.280	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	598016	95.132	ng	-0.01
79) Terphenyl-d14	19.845	244	1212725	100.884	ng	0.00

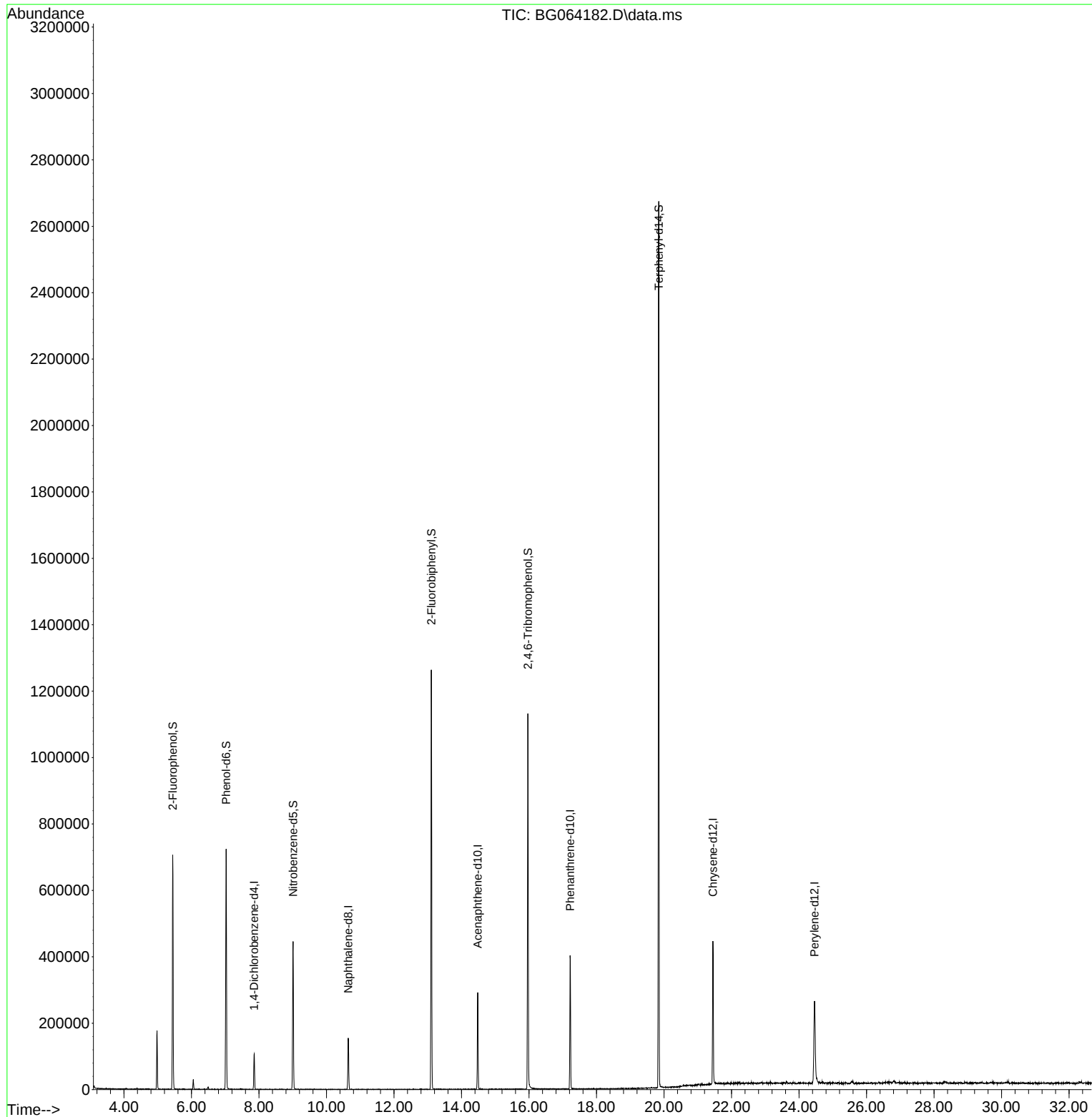
Target Compounds	Qvalue

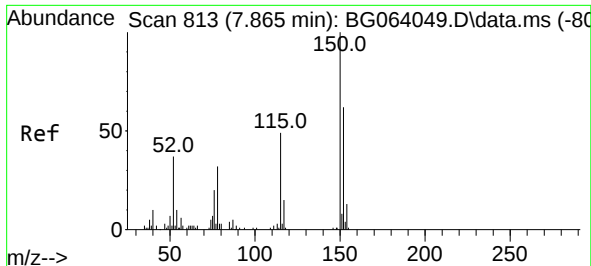
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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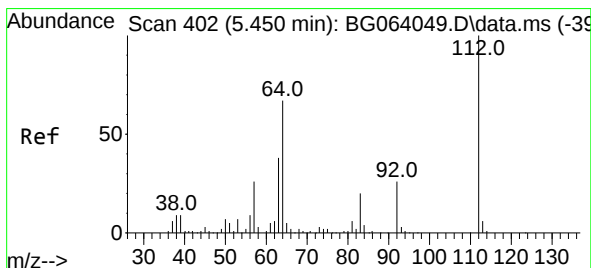
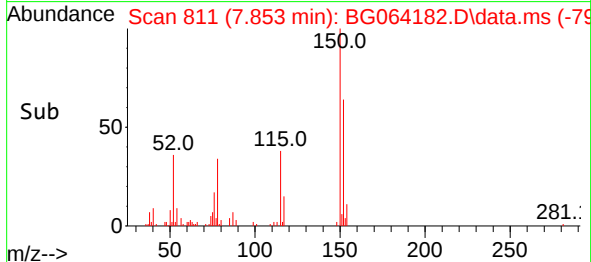
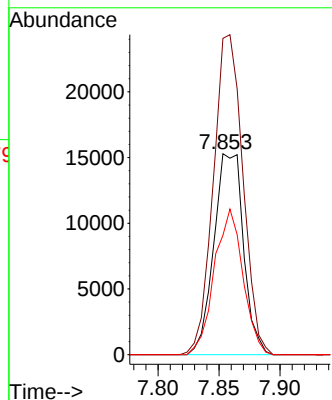
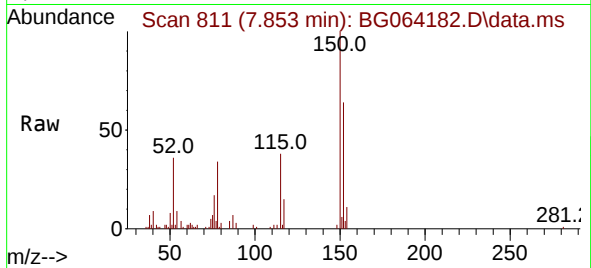




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 813
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

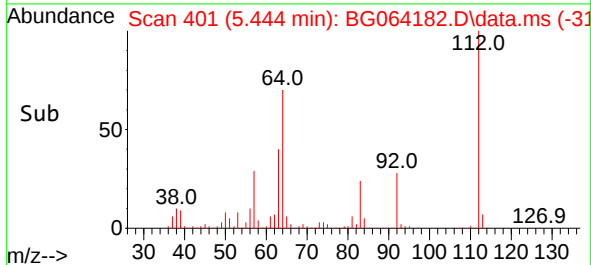
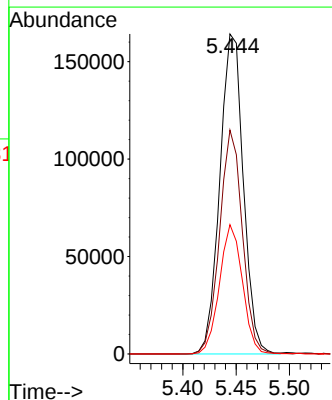
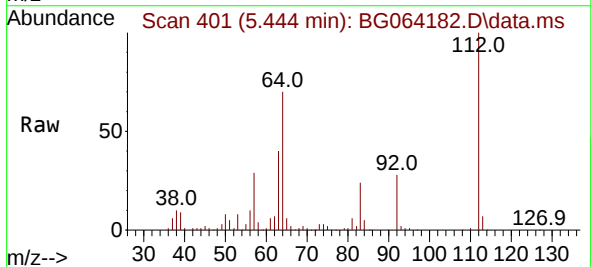
Instrument :
BNA_G
ClientSampleId :
PB167408TB

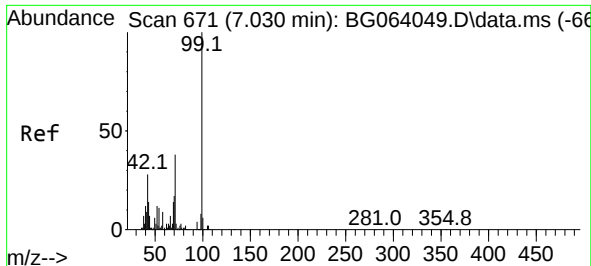
Tgt Ion:152 Resp: 25916
Ion Ratio Lower Upper
152 100
150 157.4 129.2 193.8
115 59.4 63.0 94.6#



#5
2-Fluorophenol
Concen: 151.622 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion:112 Resp: 251653
Ion Ratio Lower Upper
112 100
64 70.0 53.7 80.5
63 40.4 30.2 45.4

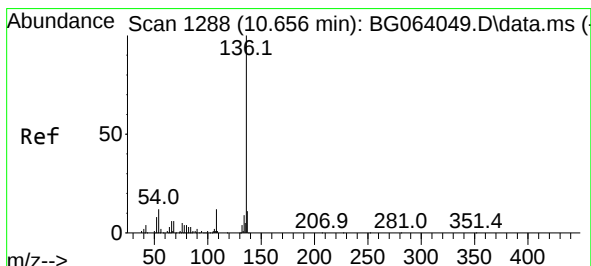
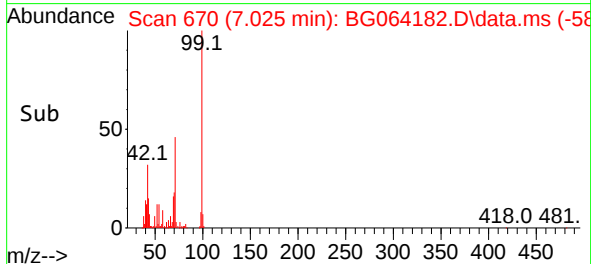
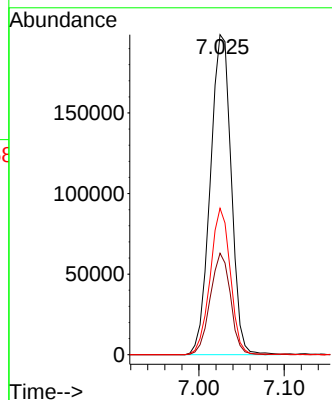
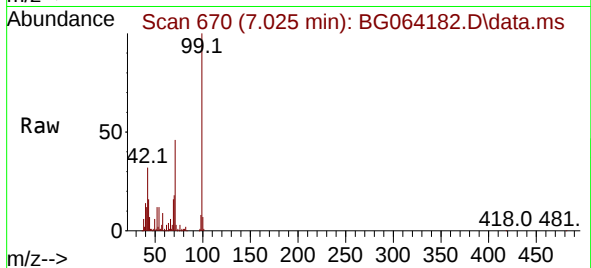




#7
Phenol-d6
Concen: 149.901 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

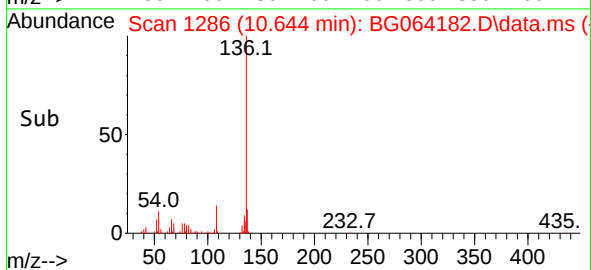
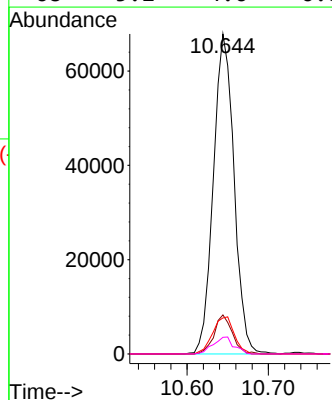
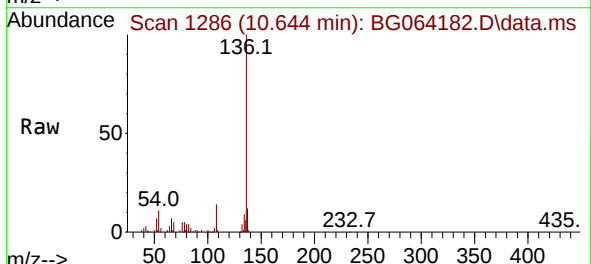
Instrument :
BNA_G
ClientSampleId :
PB167408TB

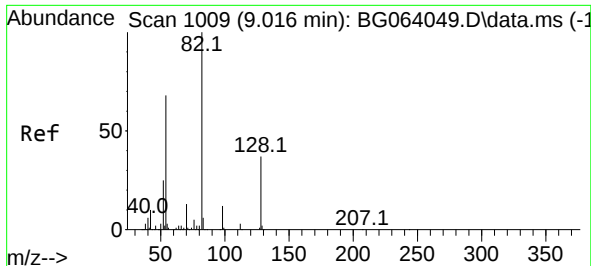
Tgt Ion: 99 Resp: 338462
Ion Ratio Lower Upper
99 100
42 31.7 22.7 34.1
71 45.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion:136 Resp: 120108
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 11.2 9.9 14.9
68 5.2 4.6 6.8

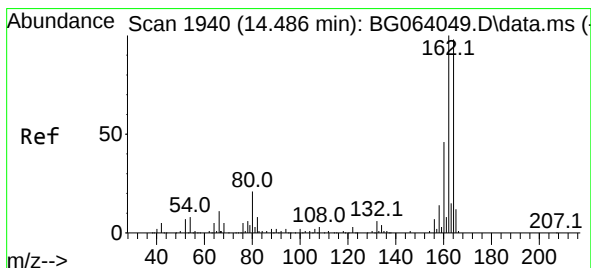
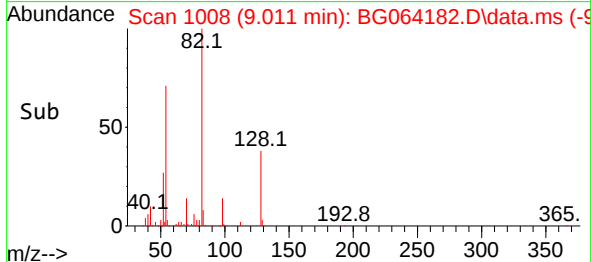
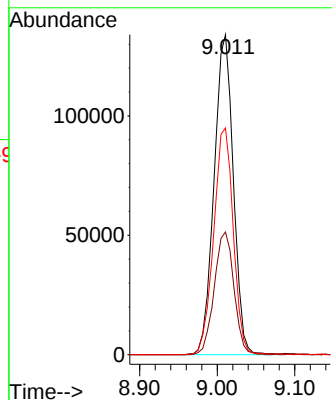
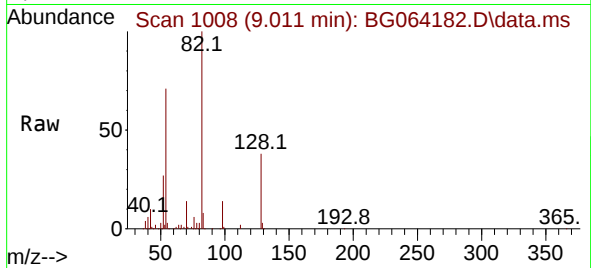




#23
Nitrobenzene-d5
Concen: 106.483 ng
RT: 9.011 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

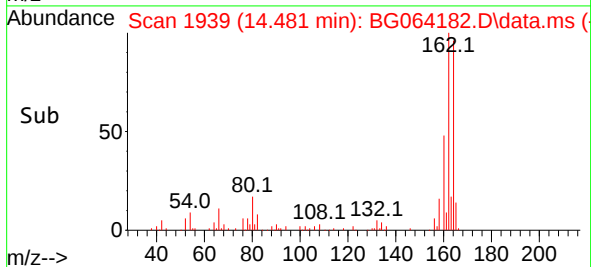
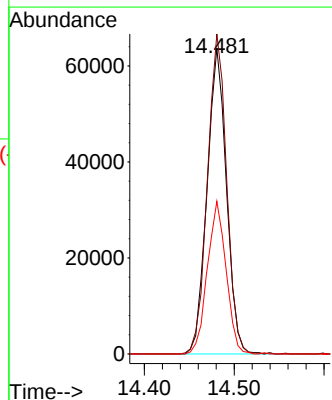
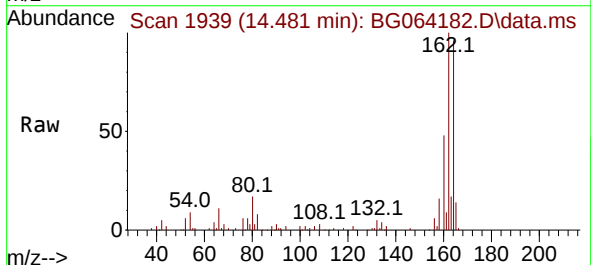
Instrument :
BNA_G
ClientSampleId :
PB167408TB

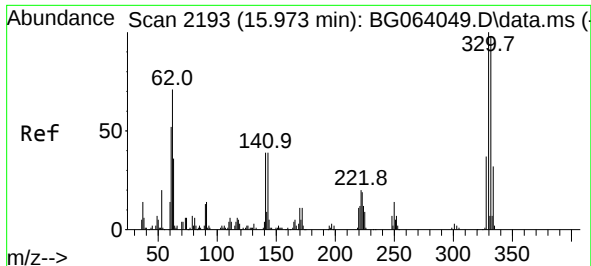
Tgt Ion: 82 Resp: 231433
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 70.8 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion: 164 Resp: 95417
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 49.9 37.0 55.6

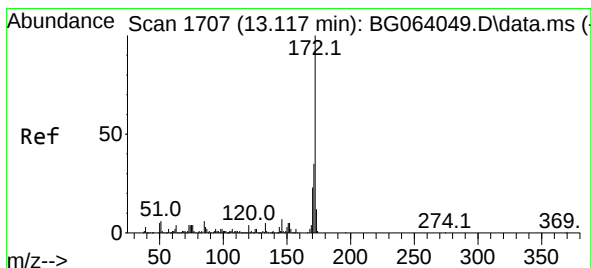
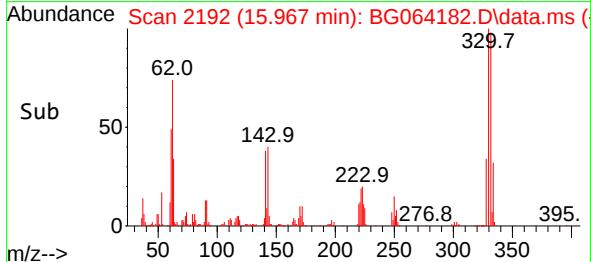
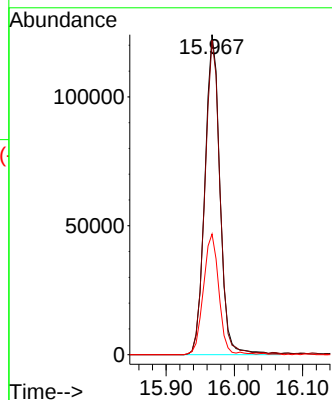
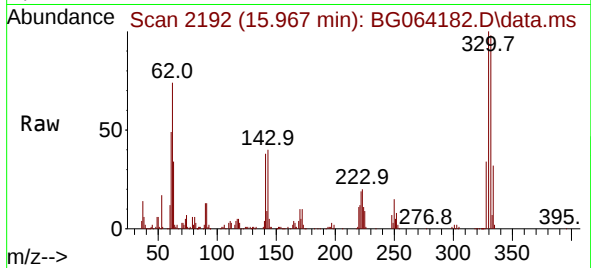




#42
2,4,6-Tribromophenol
Concen: 180.280 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

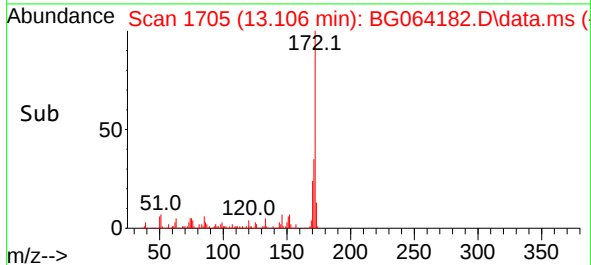
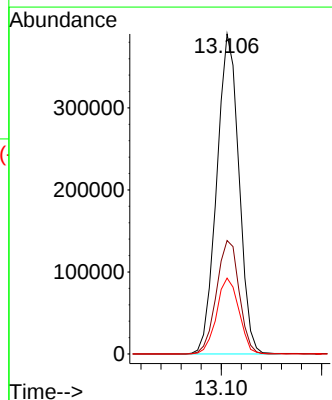
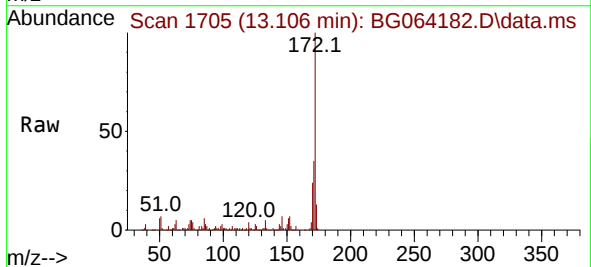
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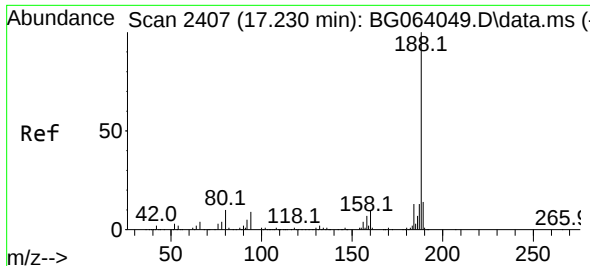
Tgt Ion:330 Resp: 191210
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 38.5 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 95.132 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion:172 Resp: 598016
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.7 18.7 28.1

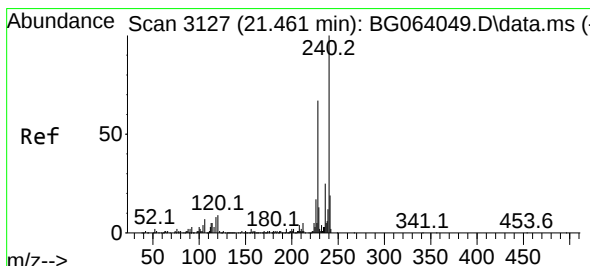
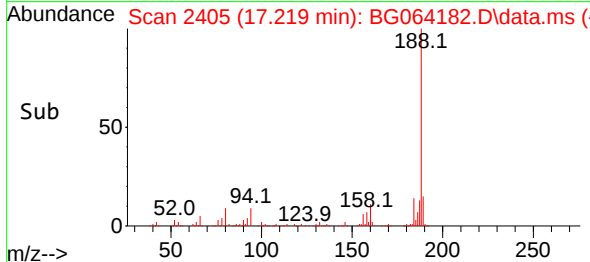
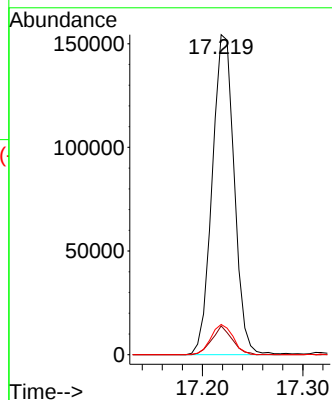
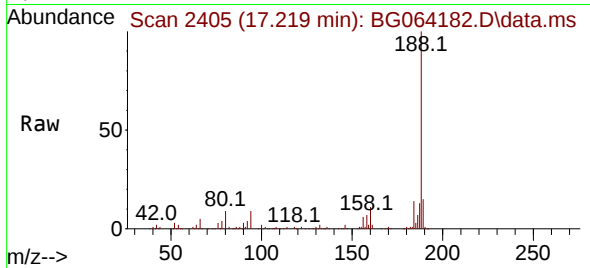




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

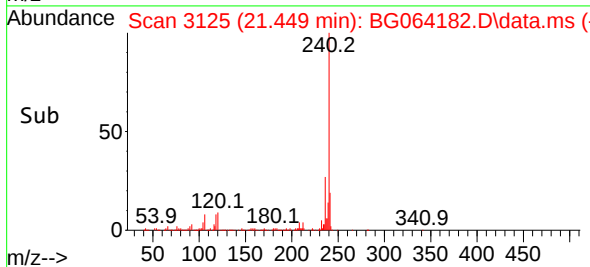
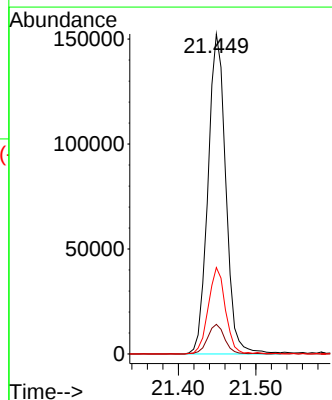
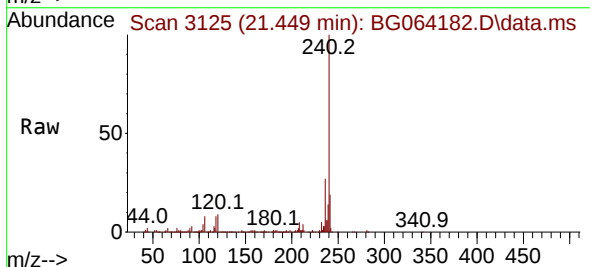
Instrument :
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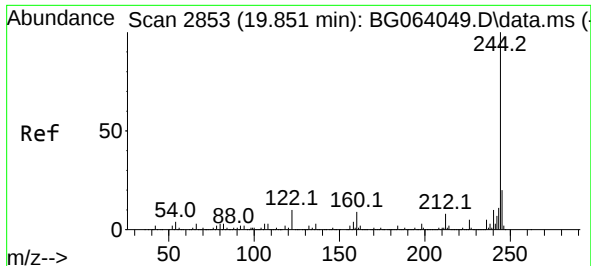
Tgt Ion:188 Resp: 235085
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion:240 Resp: 243065
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 27.0 20.2 30.2

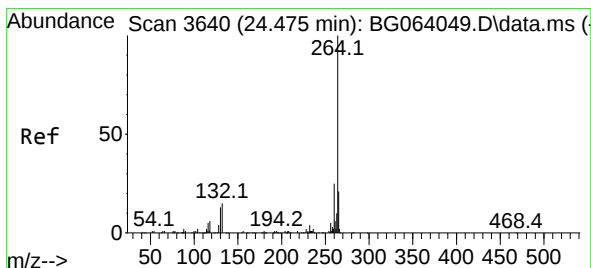
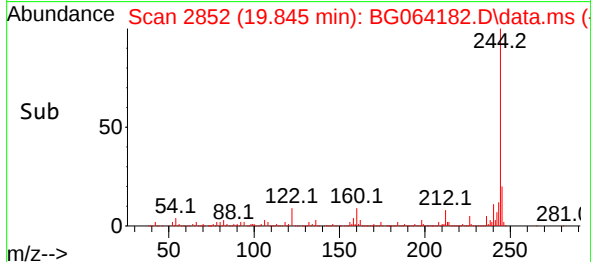
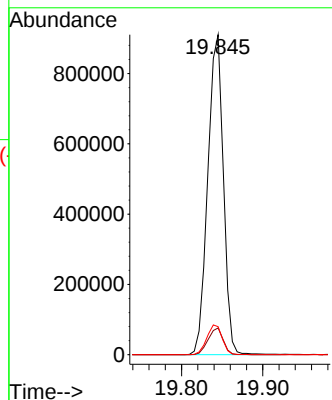
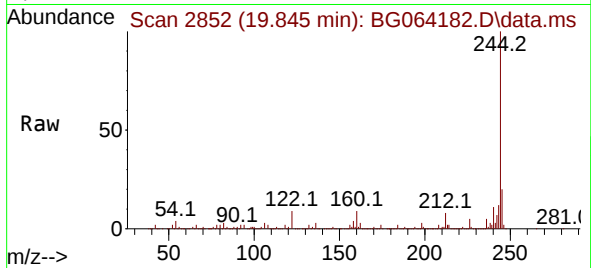




#79
 Terphenyl-d14
 Concen: 100.884 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064182.D
 Acq: 4 Apr 2025 1:23

Instrument :
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 PB167408TB

Tgt Ion:244 Resp: 1212725
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.4
 122 8.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.017 min
 Lab File: BG064182.D
 Acq: 4 Apr 2025 1:23

Tgt Ion:264 Resp: 257466
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 22.2 16.6 25.0

