

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058886.D
 Acq On : 29 Aug 2023 14:01
 Operator : MA/JU
 Sample : 04161-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25659

Quant Time: Aug 29 14:39:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

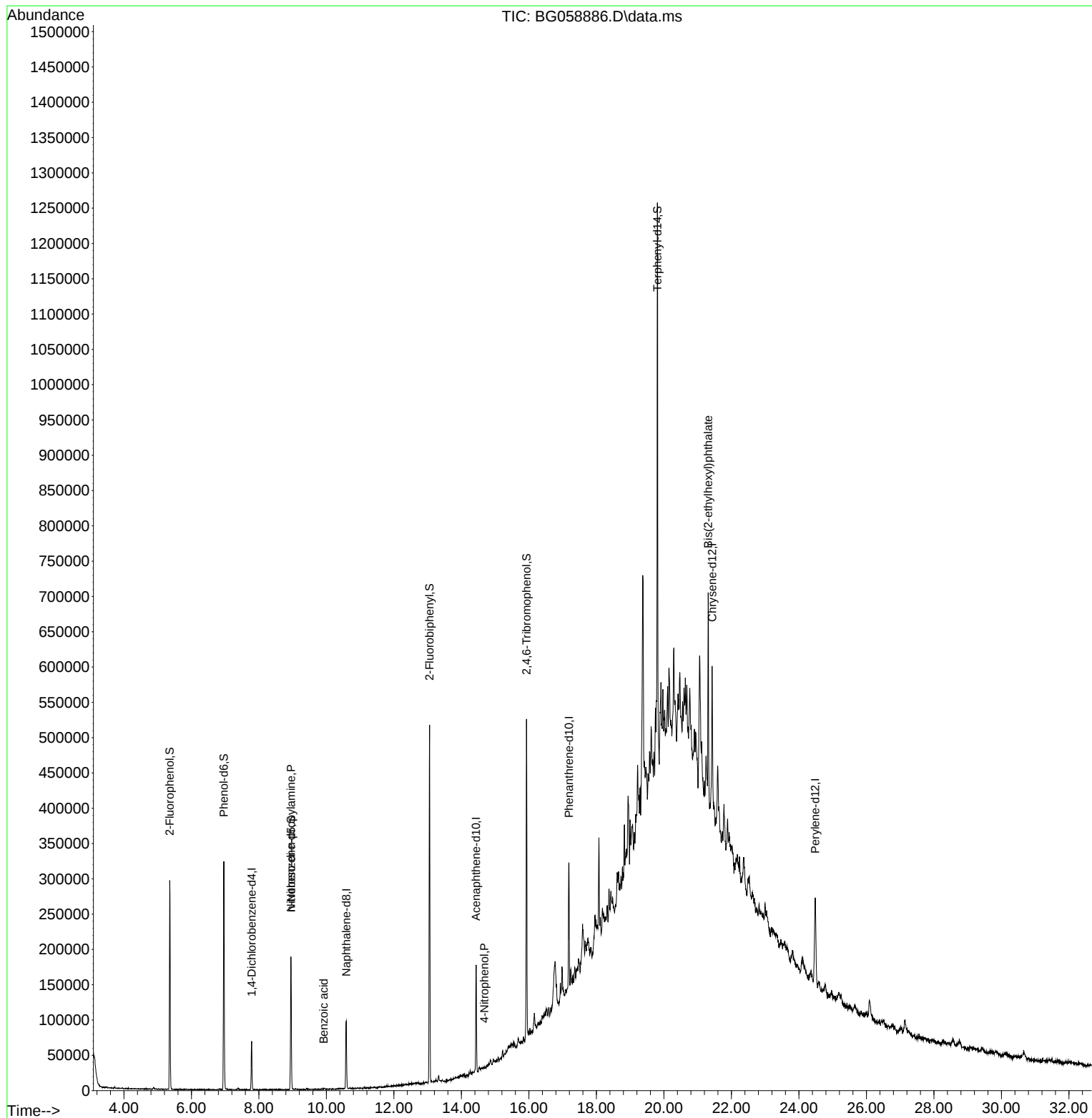
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.785	152	19010	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	79307	20.000	ng	# 0.00
39) Acenaphthene-d10	14.436	164	55352	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	114816	20.000	ng	0.00
76) Chrysene-d12	21.428	240	96188	20.000	ng	0.00
86) Perylene-d12	24.483	264	124430	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	118079	99.958	ng	0.00
7) Phenol-d6	6.962	99	169668	102.372	ng	0.00
23) Nitrobenzene-d5	8.948	82	105047	63.682	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	92182	106.212	ng	0.00
45) 2-Fluorobiphenyl	13.055	172	270664	71.121	ng	0.00
79) Terphenyl-d14	19.806	244	392468	73.264	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.948	70	13827	12.906	ng	# 73
32) Benzoic acid	9.918	122	108	5.865	ng	# 1
56) 4-Nitrophenol	14.683	139	55	4.541	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.310	149	99238	24.893	ng	99

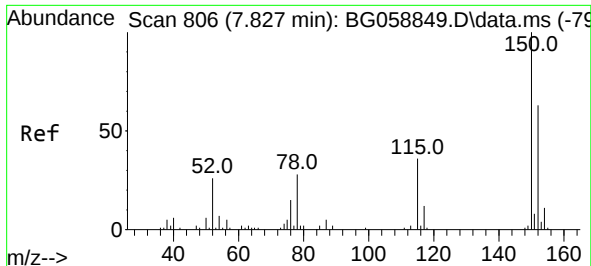
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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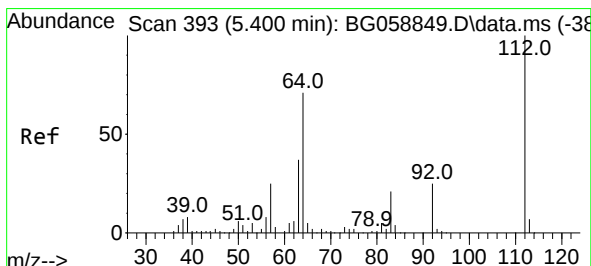
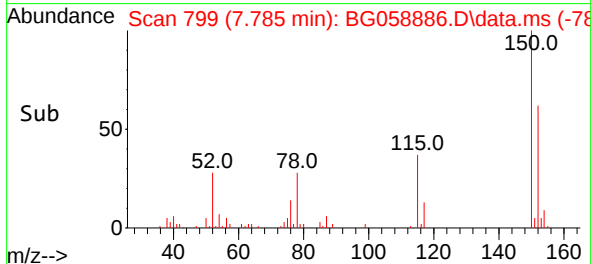
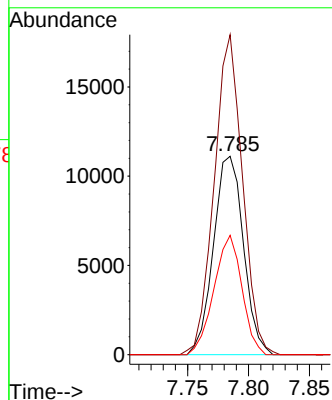
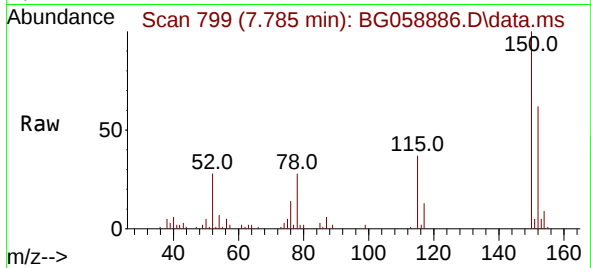




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.785 min Scan# 799
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

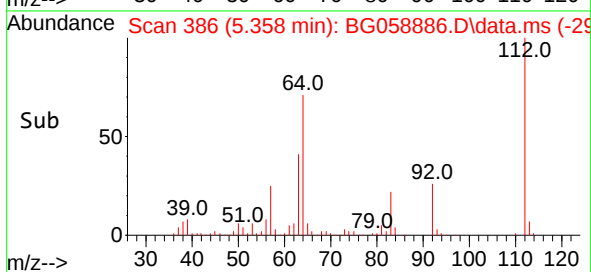
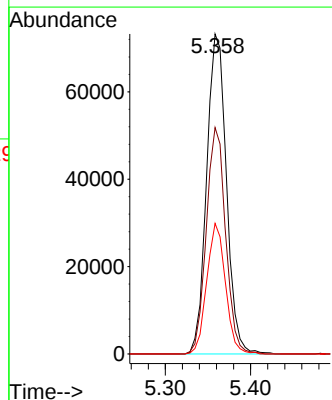
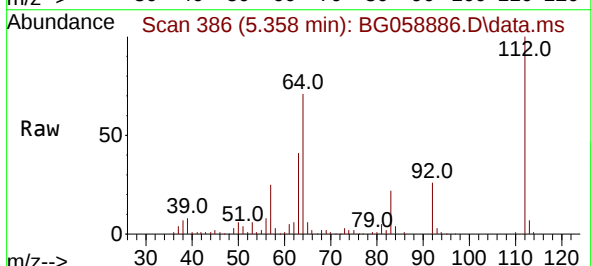
Instrument :
BNA_G
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CHRT-25659

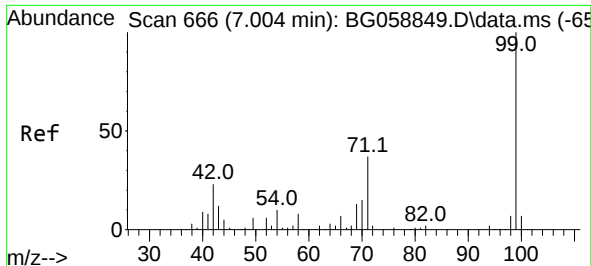
Tgt Ion:152 Resp: 19010
Ion Ratio Lower Upper
152 100
150 161.3 128.6 192.8
115 60.2 50.4 75.6



#5
2-Fluorophenol
Concen: 99.958 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.002 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Tgt Ion:112 Resp: 118079
Ion Ratio Lower Upper
112 100
64 70.8 60.6 90.8
63 40.8 31.0 46.4

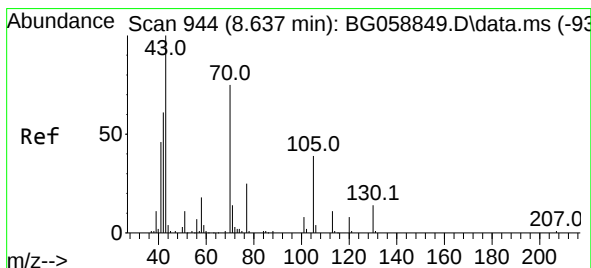
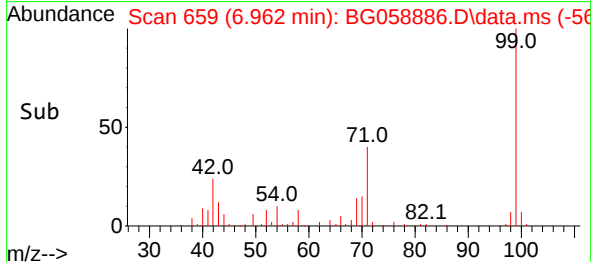
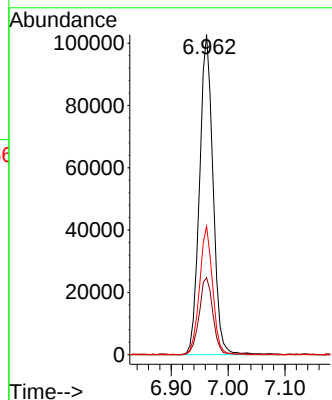
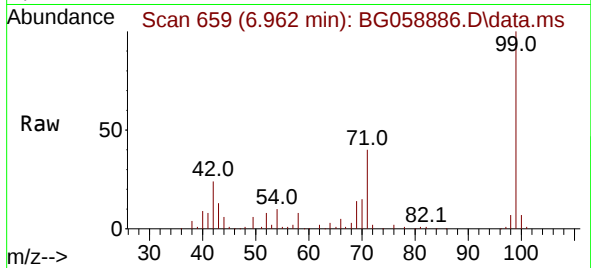




#7
Phenol-d6
Concen: 102.372 ng
RT: 6.962 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

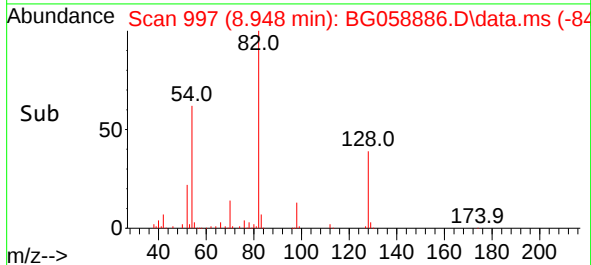
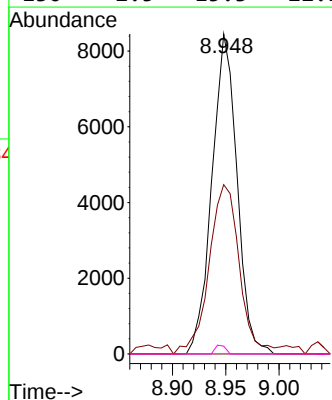
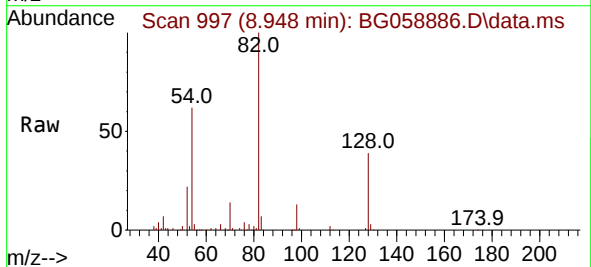
Instrument :
BNA_G
ClientSampleId :
CHRT-25659

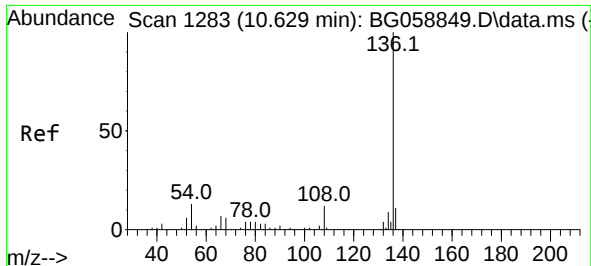
Tgt Ion: 99 Resp: 169668
Ion Ratio Lower Upper
99 100
42 24.1 16.5 24.7
71 40.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.906 ng
RT: 8.948 min Scan# 997
Delta R.T. 0.348 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Tgt Ion: 70 Resp: 13827
Ion Ratio Lower Upper
70 100
42 52.9 59.2 88.8#
101 0.0 8.2 12.2#
130 2.5 15.3 22.9#

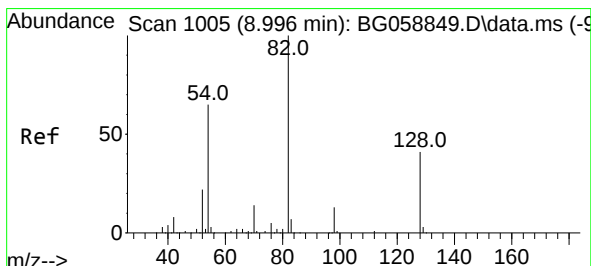
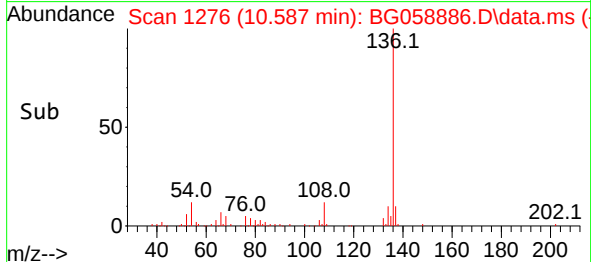
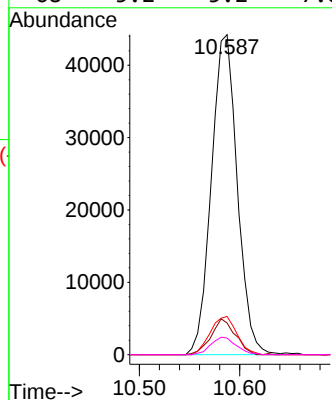
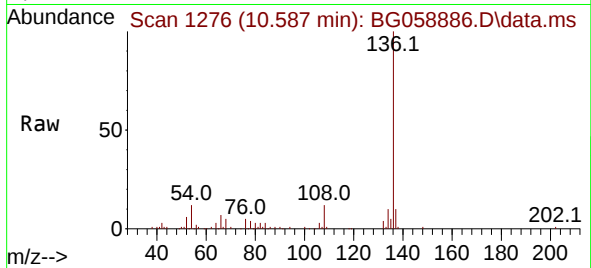




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

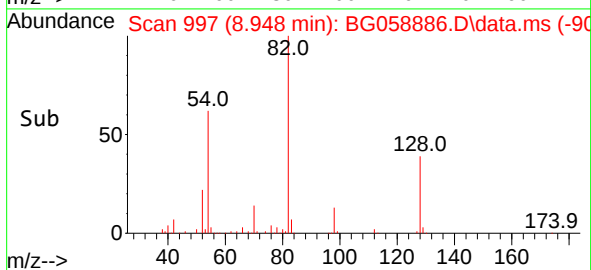
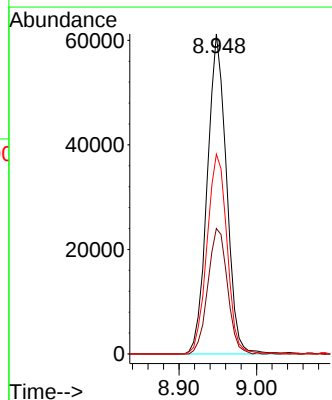
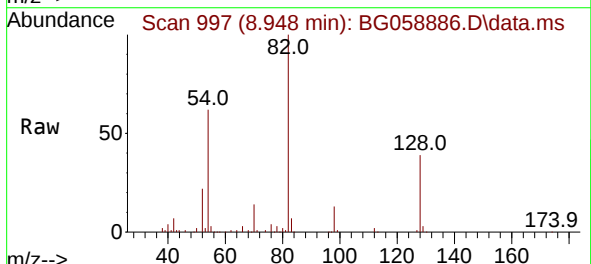
Instrument :
BNA_G
ClientSampleId :
CHRT-25659

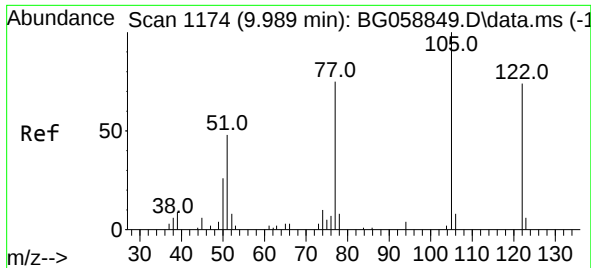
Tgt Ion:136 Resp: 79307
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 12.0 10.1 15.1
68 5.2 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 63.682 ng
RT: 8.948 min Scan# 997
Delta R.T. -0.010 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Tgt Ion: 82 Resp: 105047
Ion Ratio Lower Upper
82 100
128 39.2 33.2 49.8
54 62.4 51.2 76.8

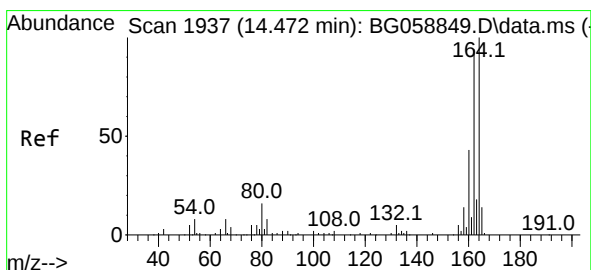
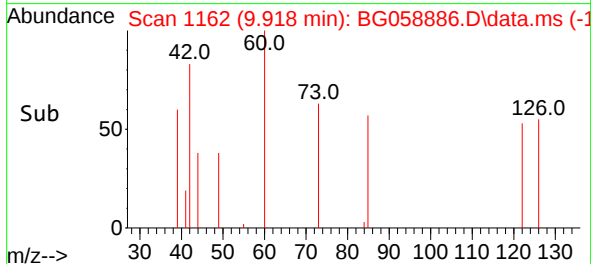
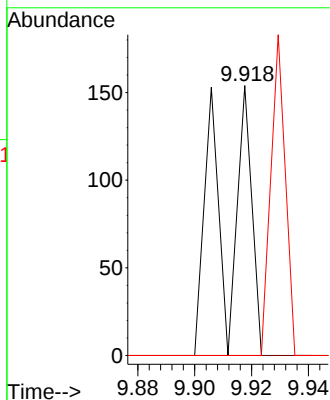
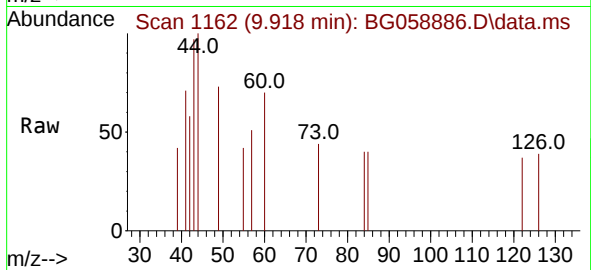




#32
Benzoic acid
Concen: 5.865 ng
RT: 9.918 min Scan# 1174
Delta R.T. -0.045 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

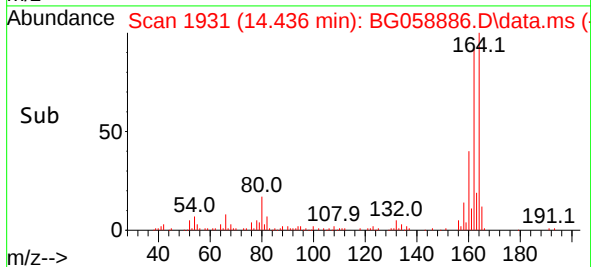
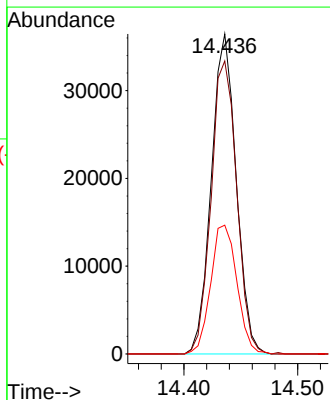
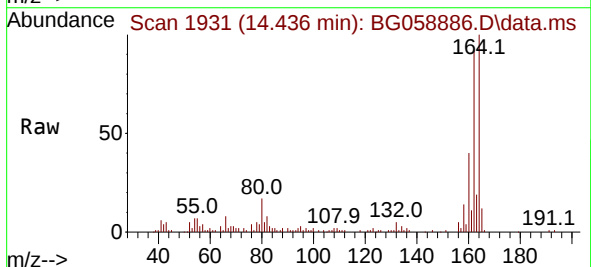
Instrument :
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ClientSampleId :
CHRT-25659

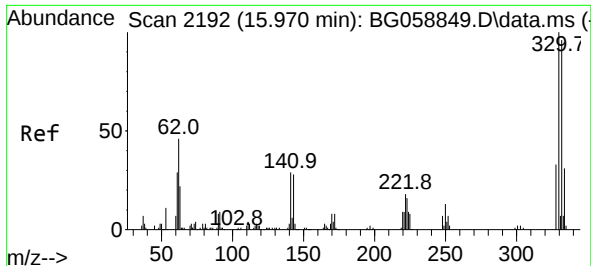
Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 0.0 113.6 153.6#
77 0.0 79.7 119.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.436 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

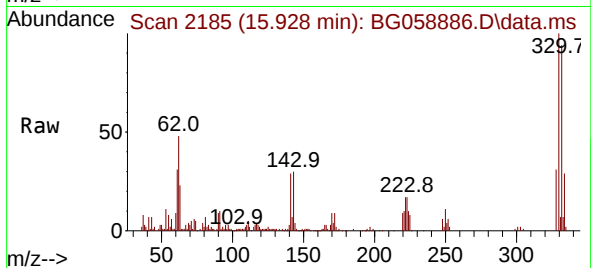
Tgt Ion:164 Resp: 55352
Ion Ratio Lower Upper
164 100
162 91.6 79.6 119.4
160 40.3 34.0 51.0



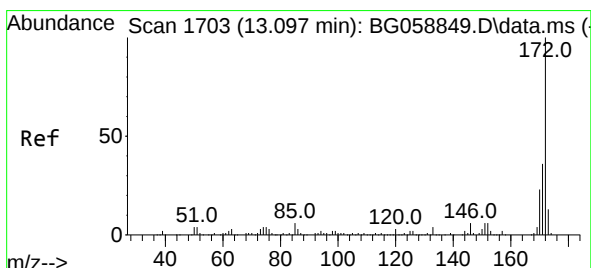
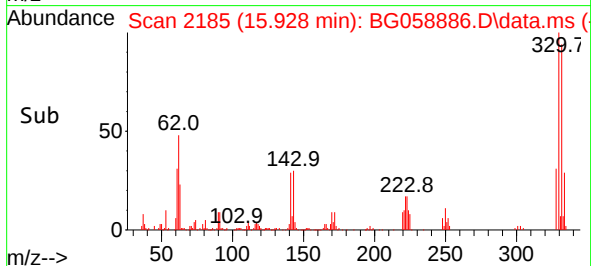
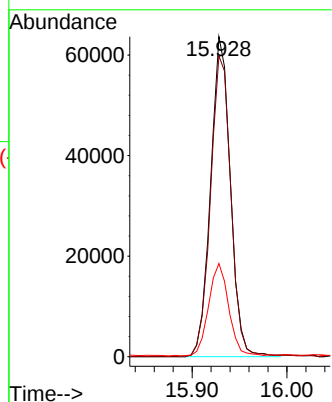


#42
2,4,6-Tribromophenol
Concen: 106.212 ng
RT: 15.928 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Instrument :
BNA_G
ClientSampleId :
CHRT-25659

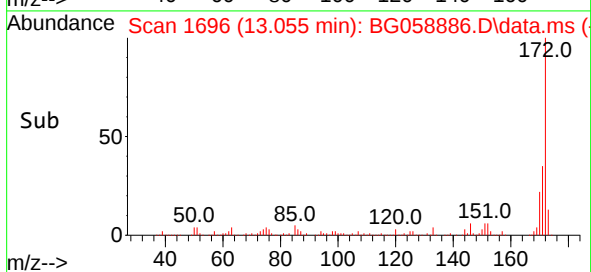
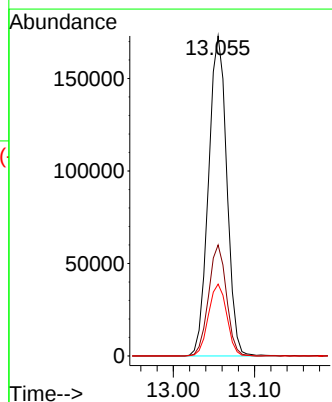
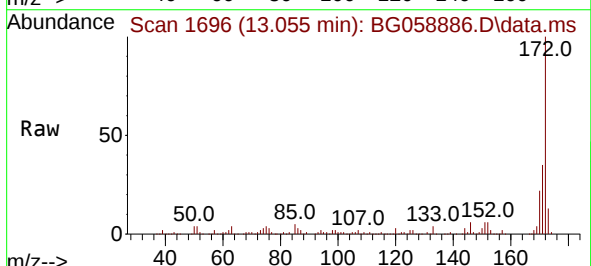


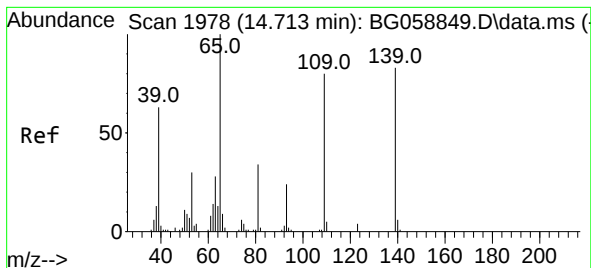
Tgt Ion:330 Resp: 92182
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 29.2 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 71.121 ng
RT: 13.055 min Scan# 1696
Delta R.T. -0.004 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Tgt Ion:172 Resp: 270664
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 22.4 18.6 27.8

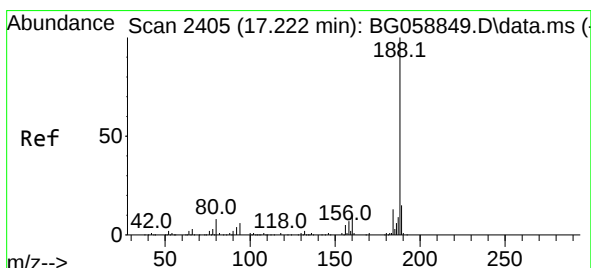
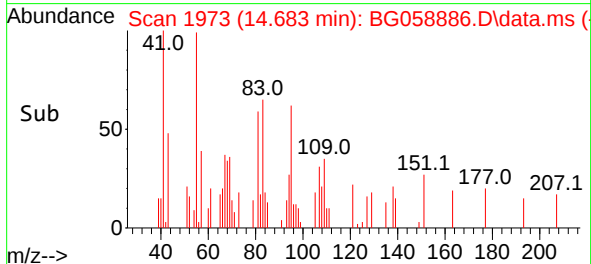
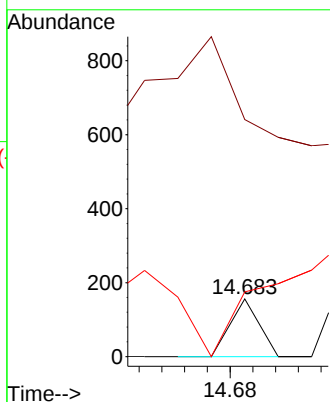
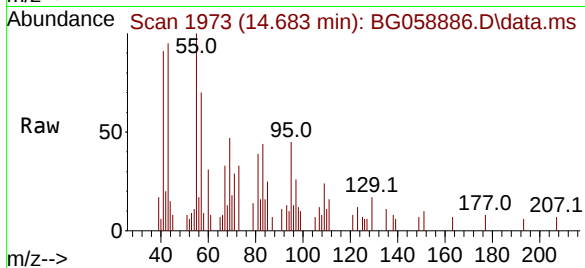




#56
4-Nitrophenol
Concen: 4.541 ng
RT: 14.683 min Scan# 1978
Delta R.T. 0.002 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

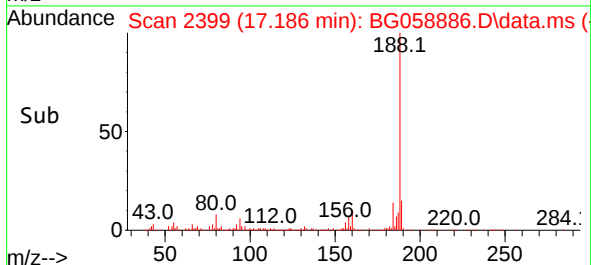
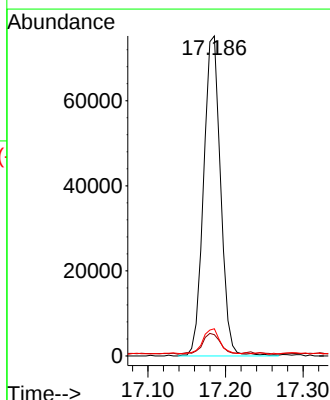
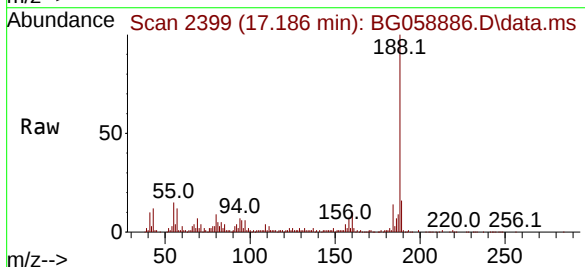
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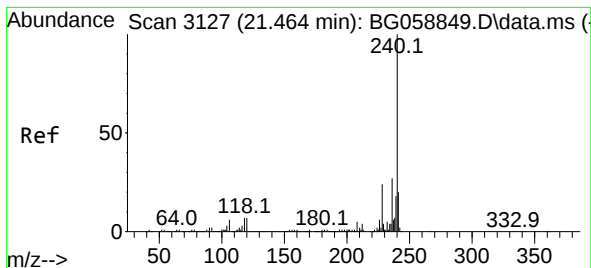
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 410.9 71.9 111.9#
65 112.2 100.7 140.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. 0.002 min
Lab File: BG058886.D
Acq: 29 Aug 2023 14:01

Tgt Ion:188 Resp: 114816
Ion Ratio Lower Upper
188 100
94 6.6 6.1 9.1
80 8.5 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.428 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG058886.D

Acq: 29 Aug 2023 14:01

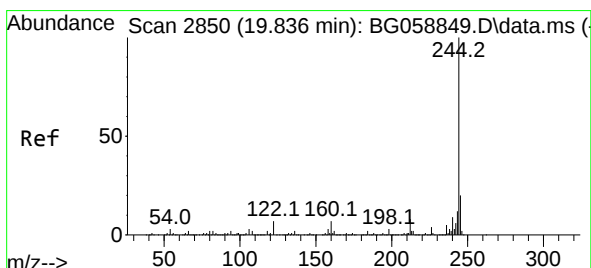
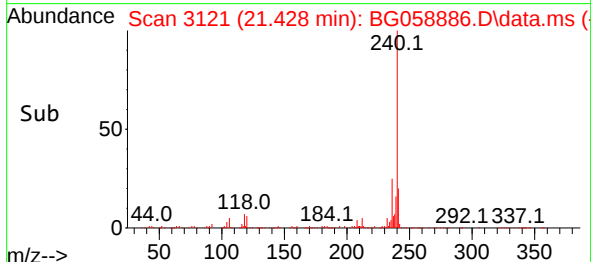
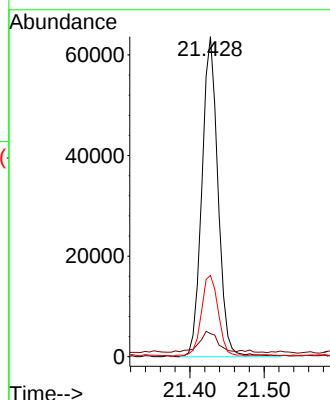
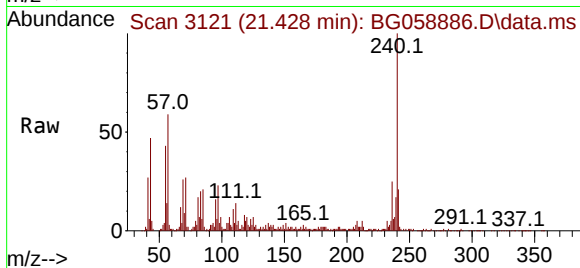
Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:240	Resp:	96188
Ion Ratio	Lower	Upper
240	100	
120	7.2	6.2 9.2
236	25.4	20.5 30.7



#79

Terphenyl-d14

Concen: 73.264 ng

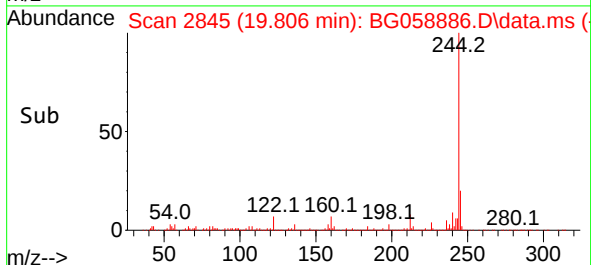
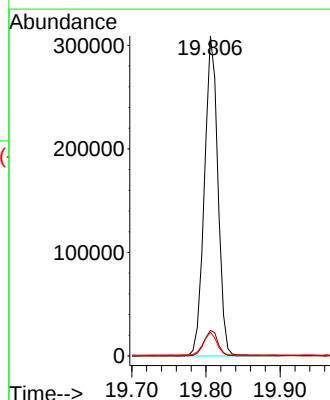
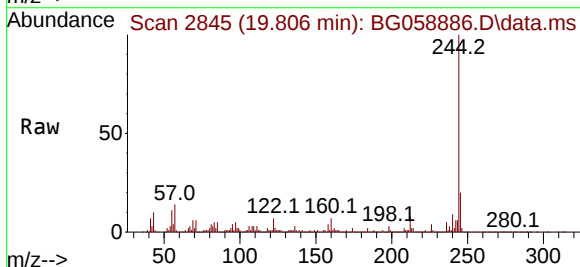
RT: 19.806 min Scan# 2845

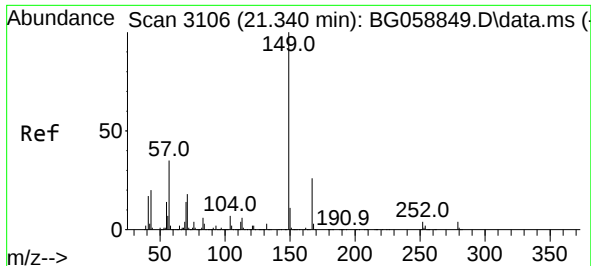
Delta R.T. 0.002 min

Lab File: BG058886.D

Acq: 29 Aug 2023 14:01

Tgt Ion:244	Resp:	392468
Ion Ratio	Lower	Upper
244	100	
212	8.0	6.2 9.2
122	7.3	6.3 9.5

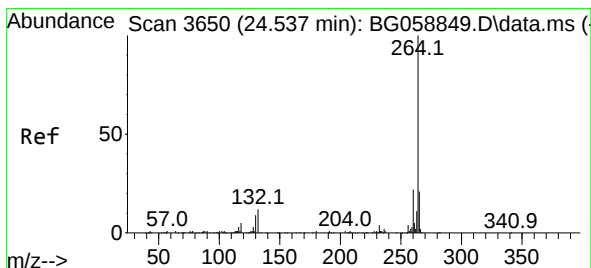
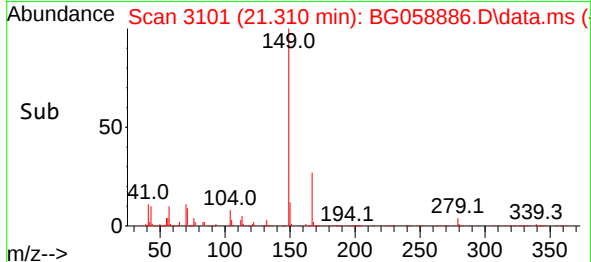
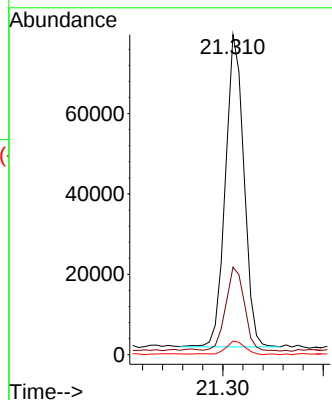
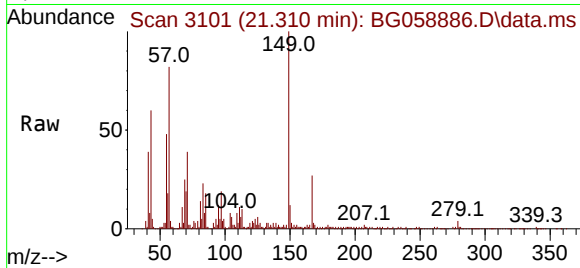




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 24.893 ng
 RT: 21.310 min Scan# 3106
 Delta R.T. 0.002 min
 Lab File: BG058886.D
 Acq: 29 Aug 2023 14:01

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-25659

Tgt Ion:149 Resp: 99238
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.7 32.5
 279 4.2 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.483 min Scan# 3641
 Delta R.T. 0.014 min
 Lab File: BG058886.D
 Acq: 29 Aug 2023 14:01

Tgt Ion:264 Resp: 124430
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.2 27.2
 265 22.0 16.4 24.6

