

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058546.D
 Acq On : 31 Jul 2023 16:48
 Operator : MA/JU
 Sample : 03742-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-27

Quant Time: Jul 31 17:33:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

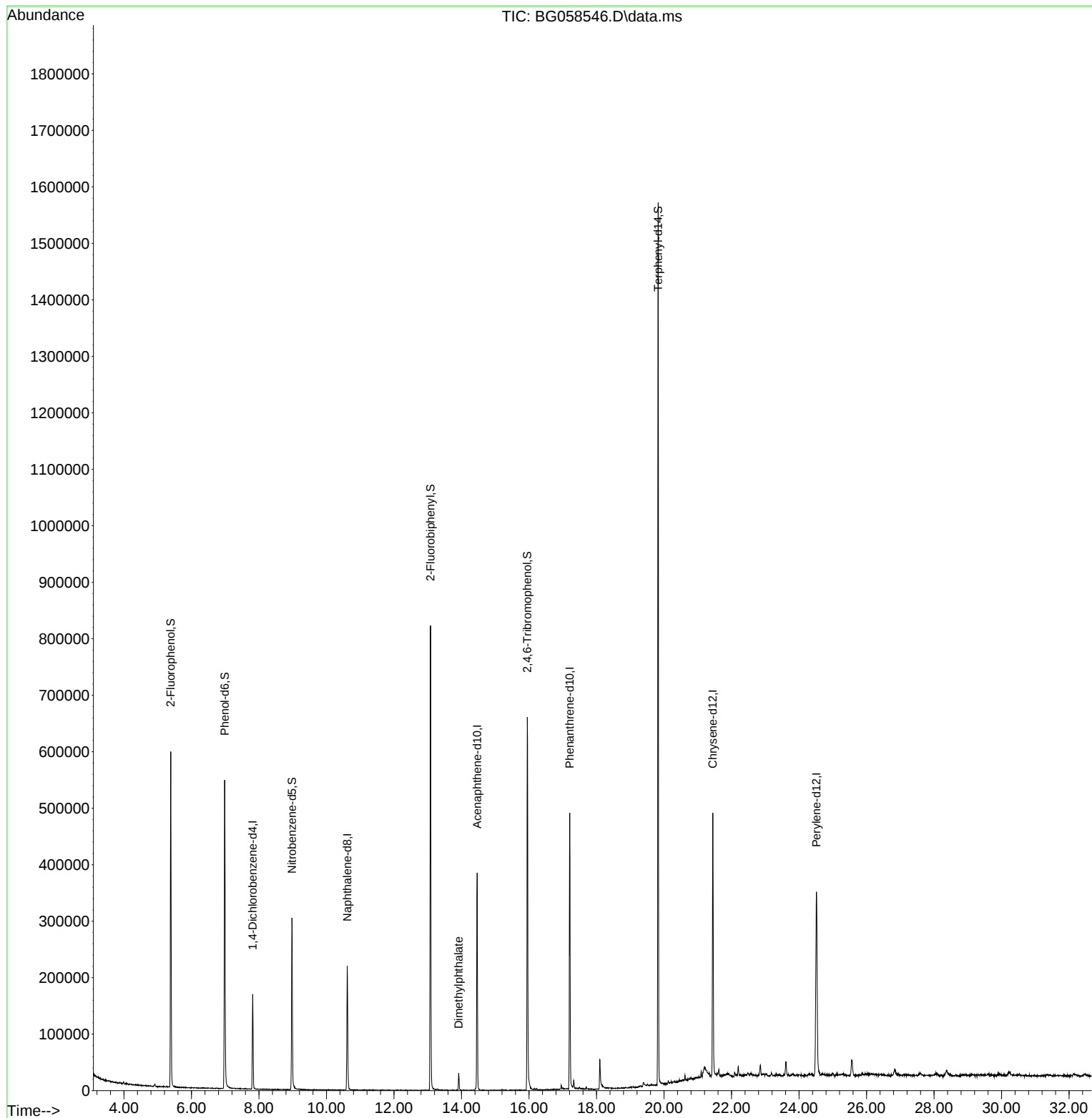
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	46474	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	195479	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	139967	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	325463	20.000	ng	0.00
76) Chrysene-d12	21.442	240	287652	20.000	ng	0.00
86) Perylene-d12	24.515	264	358205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	252516	83.049	ng	0.00
7) Phenol-d6	6.983	99	340954	80.586	ng	0.00
23) Nitrobenzene-d5	8.975	82	193782	48.699	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	158164	68.942	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	466520	49.949	ng	0.00
79) Terphenyl-d14	19.827	244	835066	54.593	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.916	163	23923	2.276	ng	Qvalue # 95

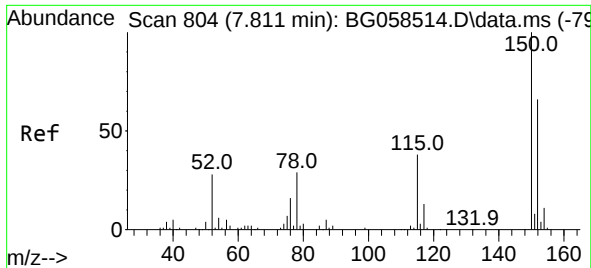
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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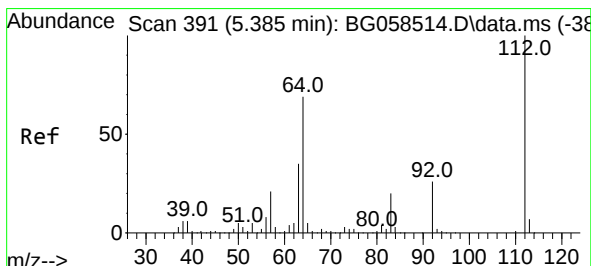
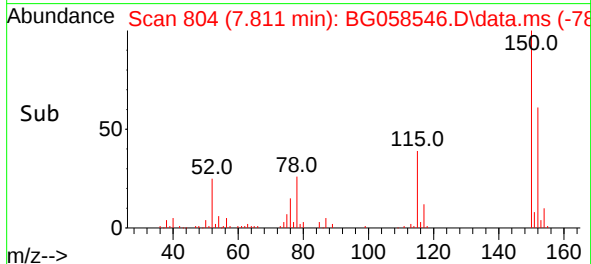
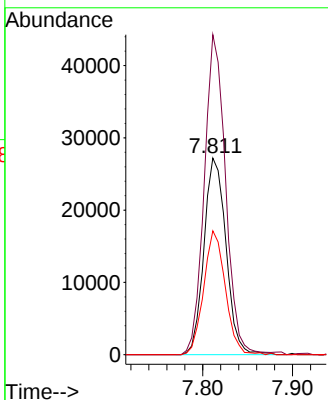
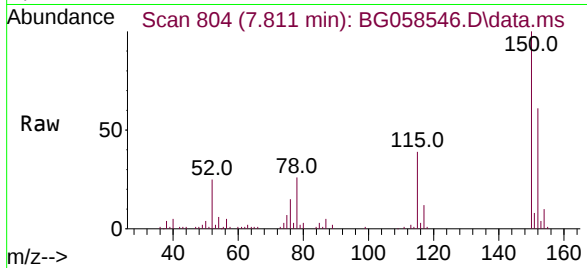




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

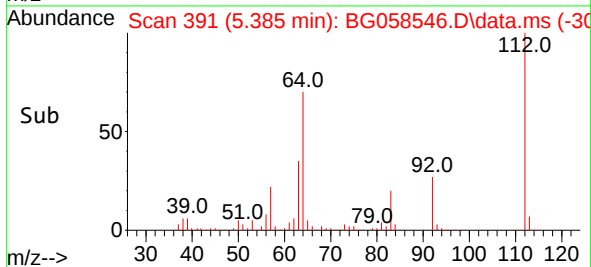
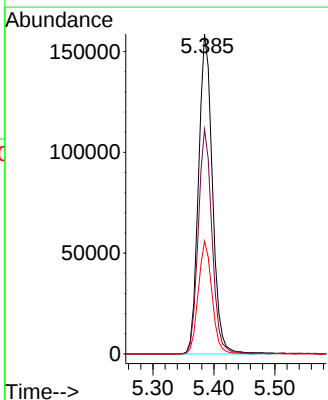
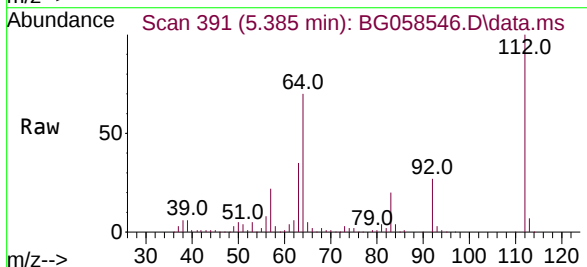
Instrument :
BNA_G
ClientSampleId :
WC-27

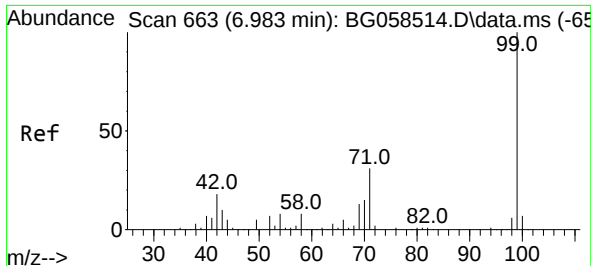
Tgt Ion:152 Resp: 46474
Ion Ratio Lower Upper
152 100
150 162.8 120.5 180.7
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 83.049 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

Tgt Ion:112 Resp: 252516
Ion Ratio Lower Upper
112 100
64 70.2 55.3 82.9
63 35.2 28.3 42.5

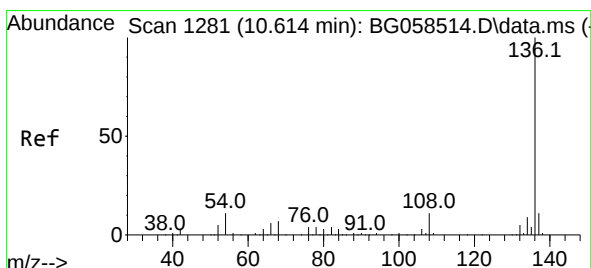
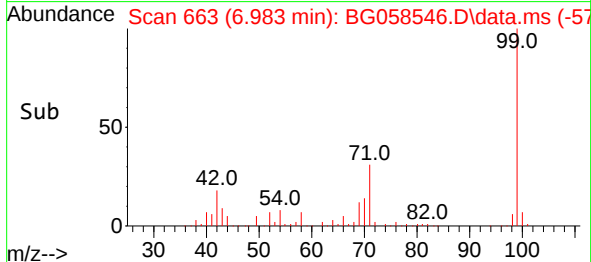
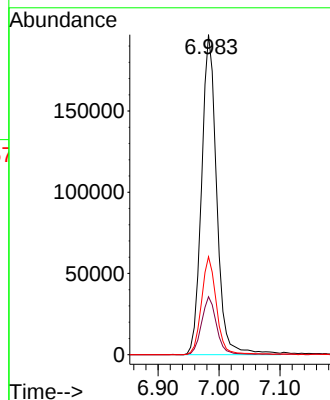
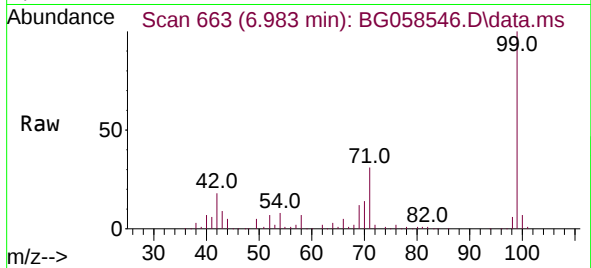




#7
Phenol-d6
Concen: 80.586 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

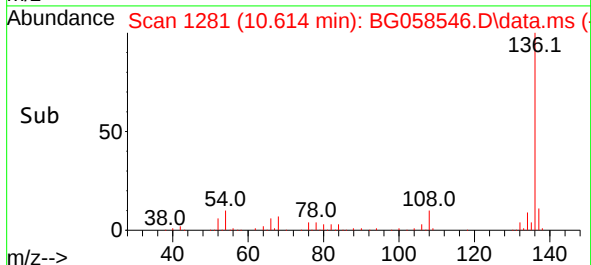
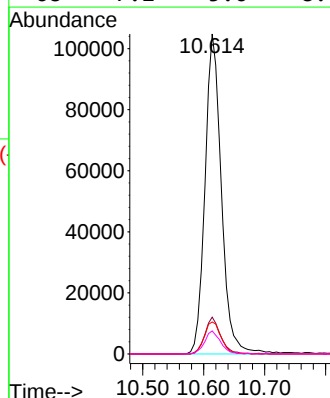
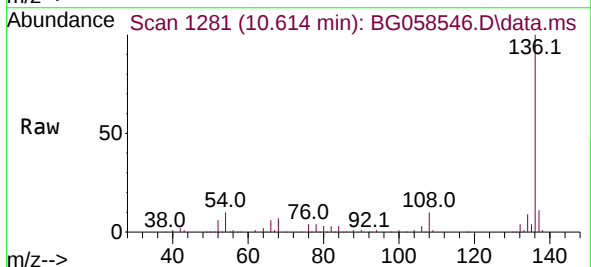
Instrument :
BNA_G
ClientSampleId :
WC-27

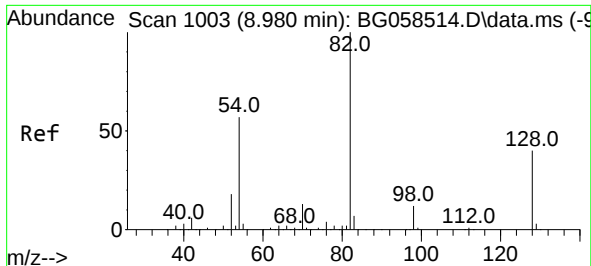
Tgt Ion: 99 Resp: 340954
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 30.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

Tgt Ion: 136 Resp: 195479
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.0 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 48.699 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058546.D

Acq: 31 Jul 2023 16:48

Instrument :

BNA_G

ClientSampleId :

WC-27

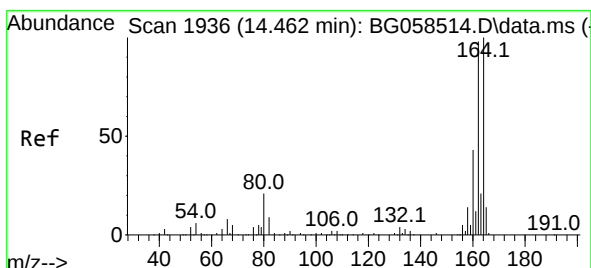
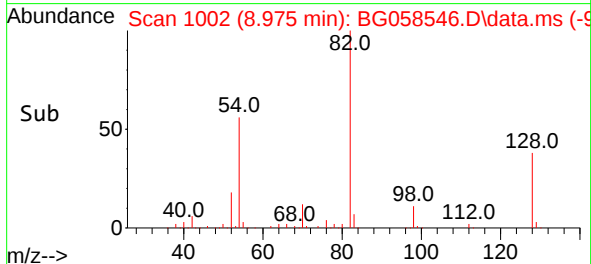
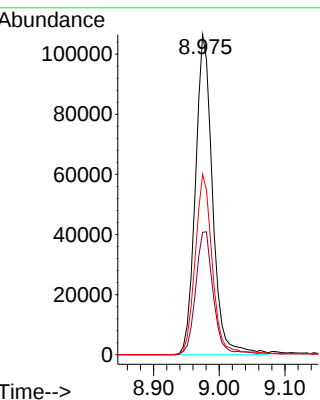
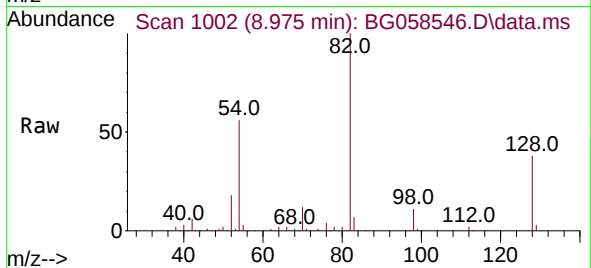
Tgt Ion: 82 Resp: 193782

Ion Ratio Lower Upper

82 100

128 38.3 32.2 48.2

54 56.4 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BG058546.D

Acq: 31 Jul 2023 16:48

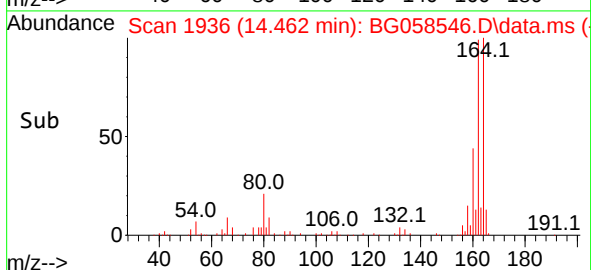
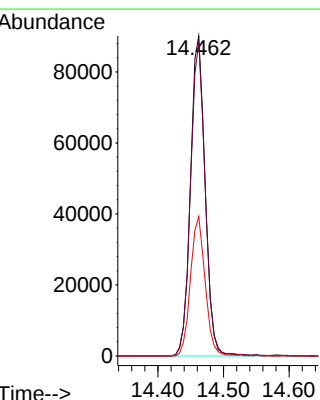
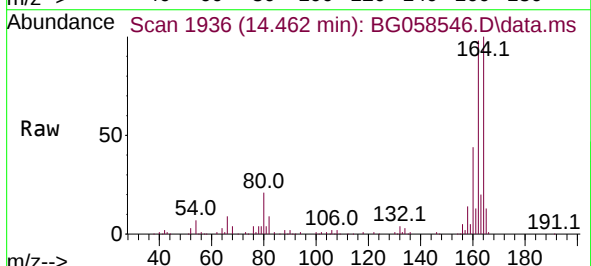
Tgt Ion:164 Resp: 139967

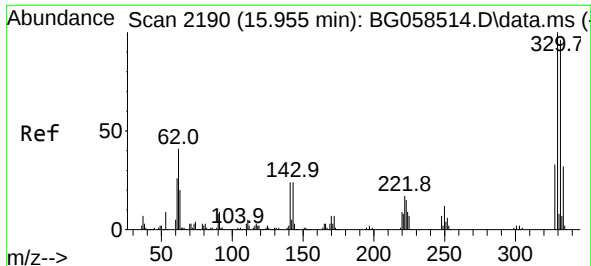
Ion Ratio Lower Upper

164 100

162 98.0 78.3 117.5

160 43.6 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 68.942 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058546.D

Acq: 31 Jul 2023 16:48

Instrument :

BNA_G

ClientSampleId :

WC-27

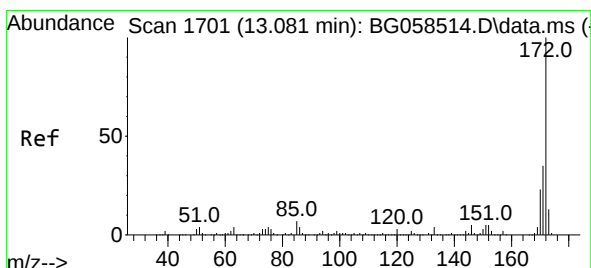
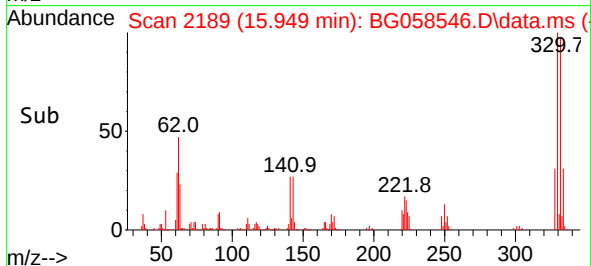
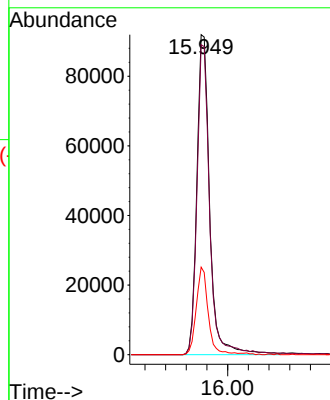
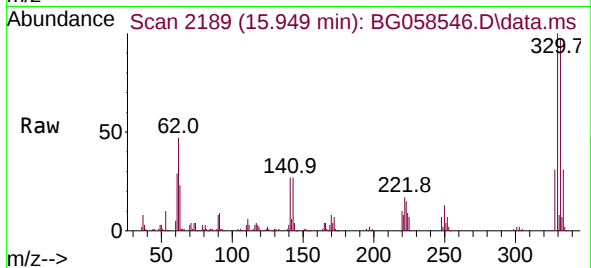
Tgt Ion:330 Resp: 158164

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 25.5 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 49.949 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058546.D

Acq: 31 Jul 2023 16:48

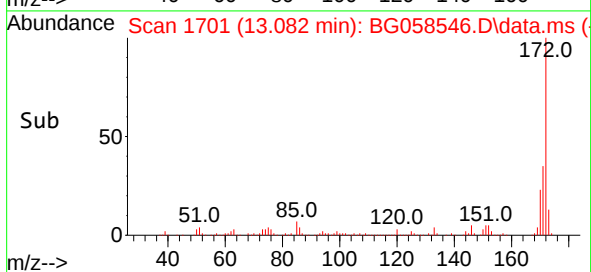
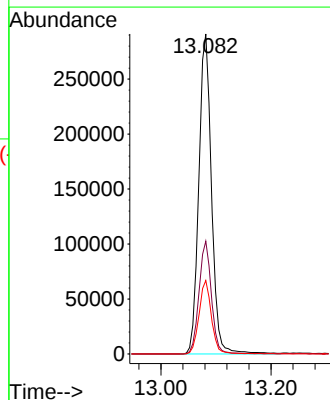
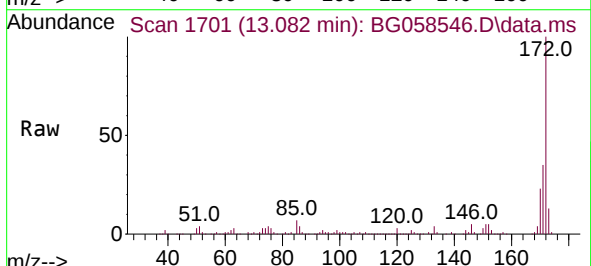
Tgt Ion:172 Resp: 466520

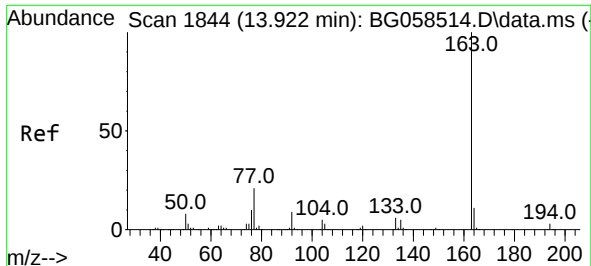
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.0 18.4 27.6

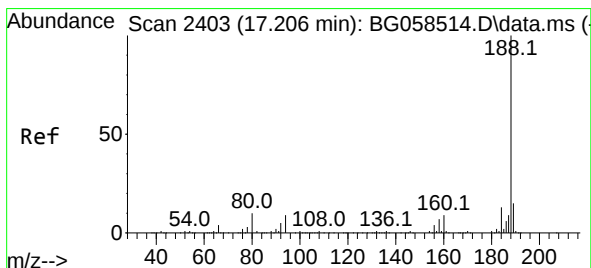
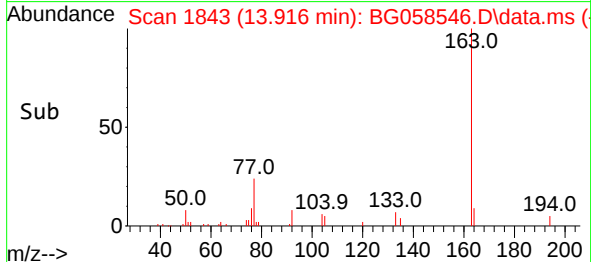
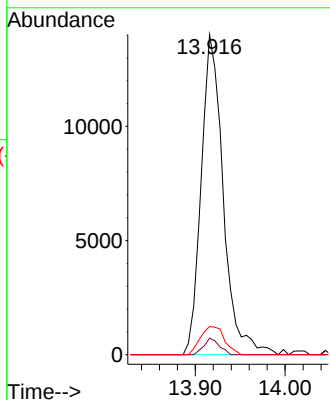
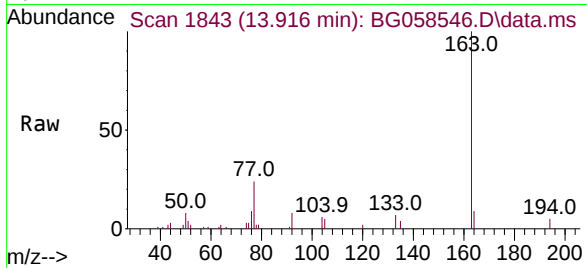




#50
Dimethylphthalate
Concen: 2.276 ng
RT: 13.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

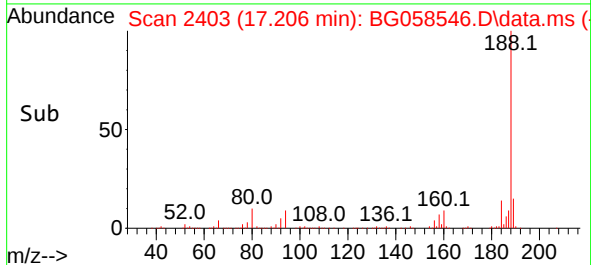
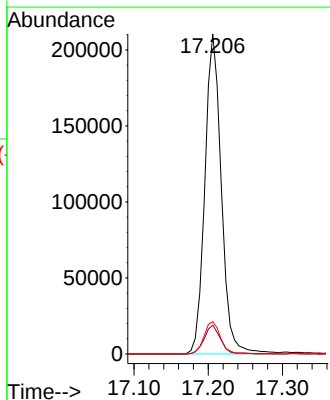
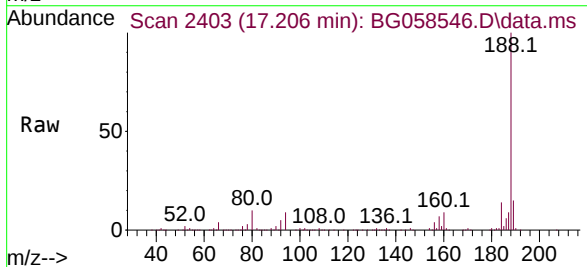
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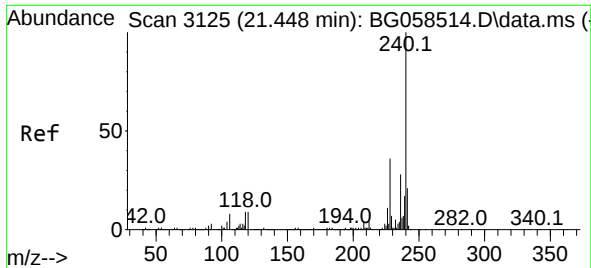
Tgt Ion:163 Resp: 23923
Ion Ratio Lower Upper
163 100
194 5.1 2.7 4.1#
164 8.8 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

Tgt Ion:188 Resp: 325463
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.1 8.1 12.1

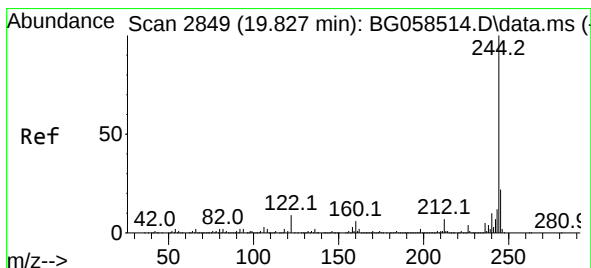
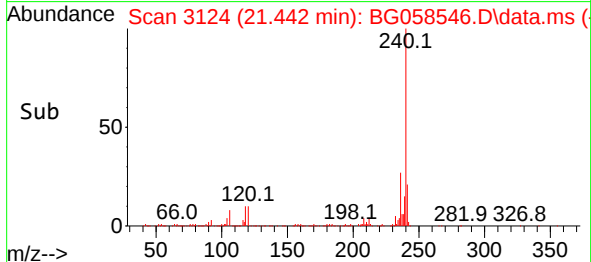
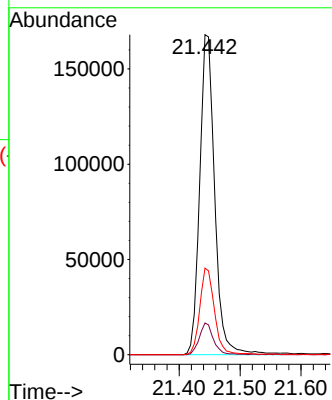
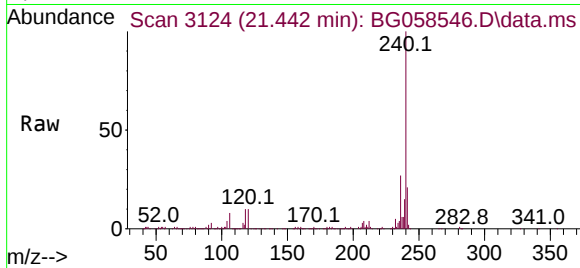




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

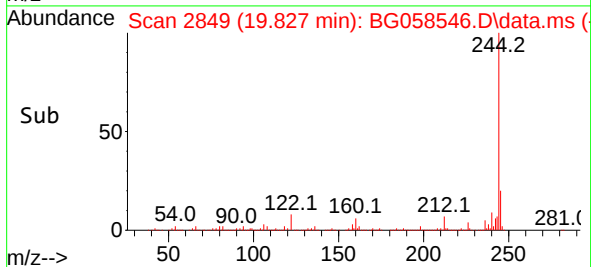
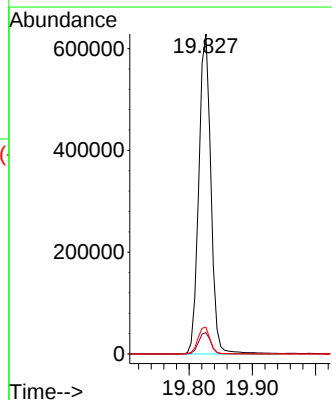
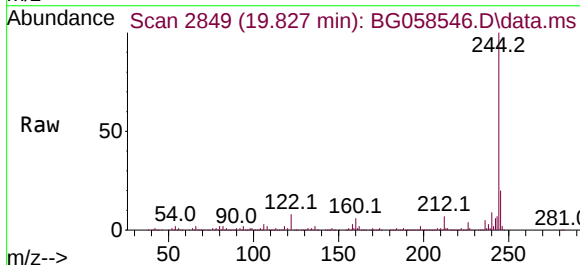
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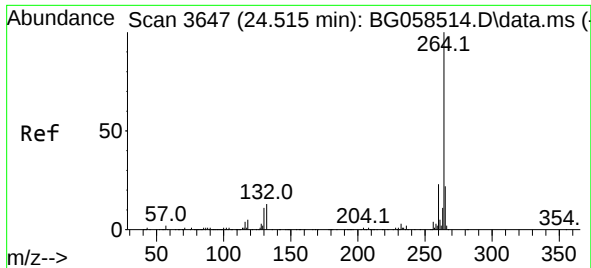
Tgt Ion:240 Resp: 287652
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 27.1 22.2 33.4



#79
Terphenyl-d14
Concen: 54.593 ng
RT: 19.827 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

Tgt Ion:244 Resp: 835066
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.4 6.8 10.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.515 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG058546.D
Acq: 31 Jul 2023 16:48

Instrument :
BNA_G
ClientSampleId :
WC-27

Tgt Ion:264 Resp: 358205

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.7	17.9	26.9

