

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072922\
 Data File : BG054457.D
 Acq On : 29 Jul 2022 20:21
 Operator : CG/JU
 Sample : N3857-01DL 50X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3DL

Quant Time: Jul 30 03:19:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

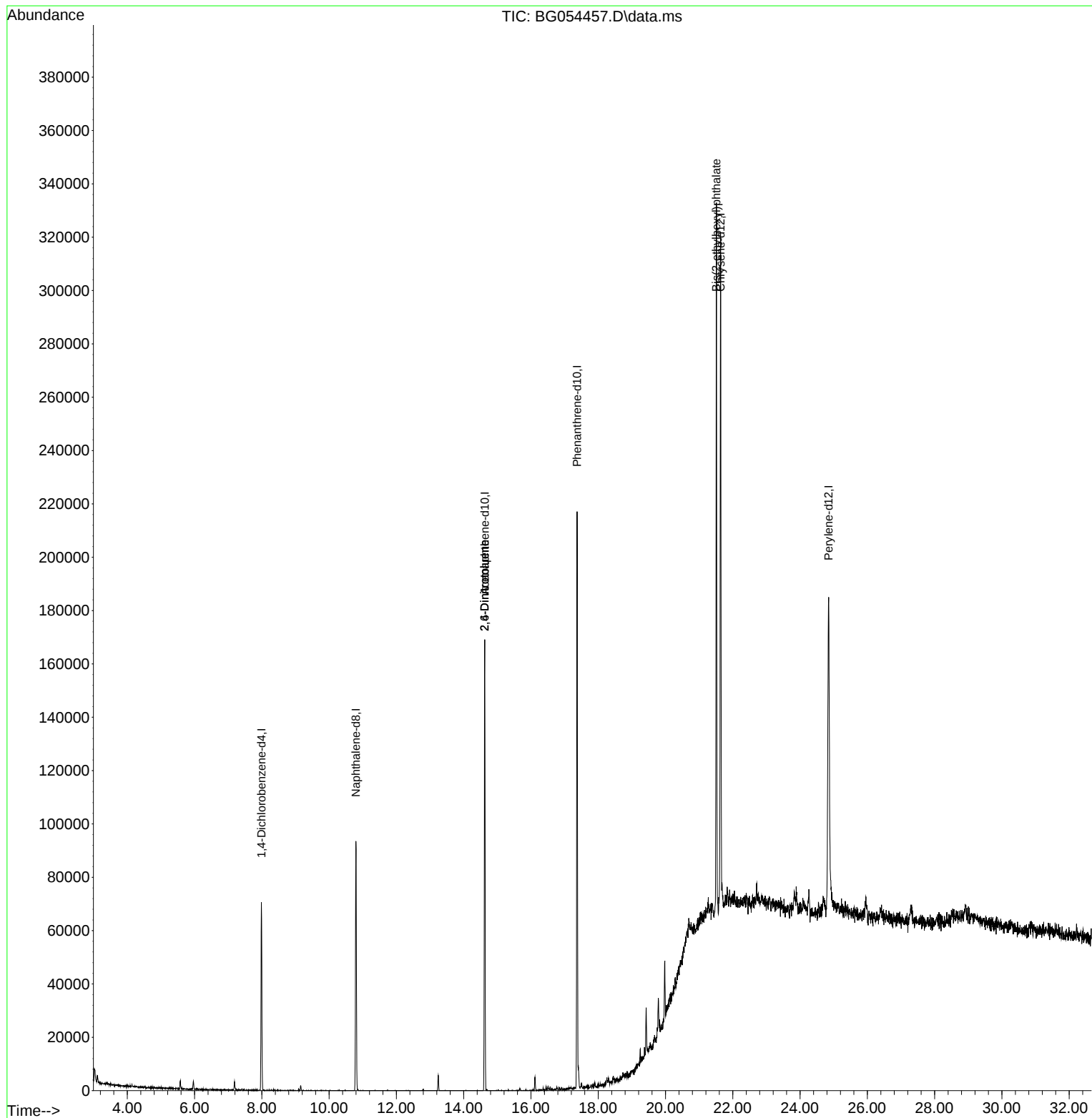
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	22834	20.000	ng	# 0.00
21) Naphthalene-d8	10.795	136	87026	20.000	ng	# 0.00
39) Acenaphthene-d10	14.626	164	67013	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	160308	20.000	ng	# 0.00
76) Chrysene-d12	21.635	240	174070	20.000	ng	# 0.00
86) Perylene-d12	24.843	264	174132	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	1634	1.494	ng	0.02
7) Phenol-d6	7.188	99	2237	1.493	ng	0.02
23) Nitrobenzene-d5	9.150	82	1534	0.960	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	2040	1.450	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5173	1.089	ng	0.00
79) Terphenyl-d14	19.979	244	11566	1.318	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.620	165	9369	8.160	ng	# 16
57) 2,4-Dinitrotoluene	14.620	165	9369	5.692	ng	# 21
84) Bis(2-ethylhexyl)phtha...	21.512	149	122257	27.758	ng	# 93

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

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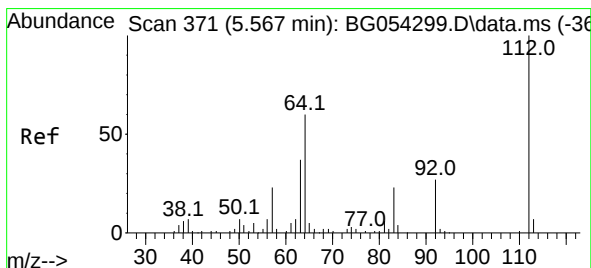
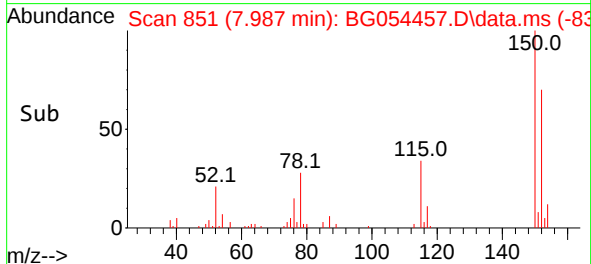
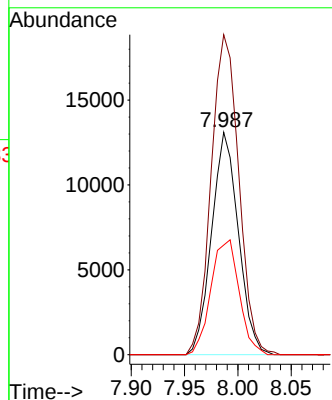
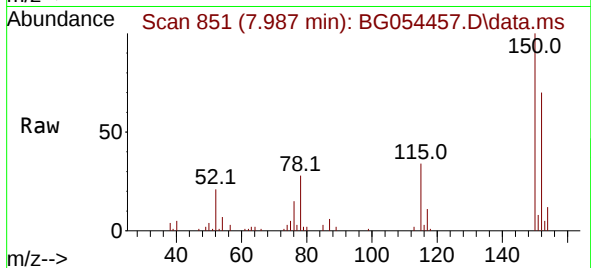




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

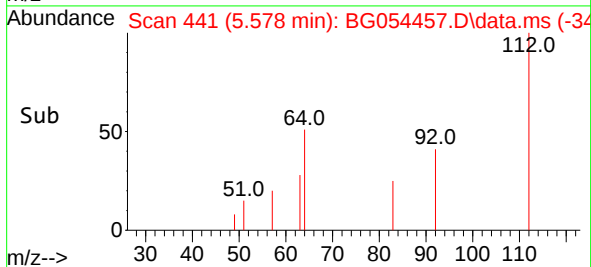
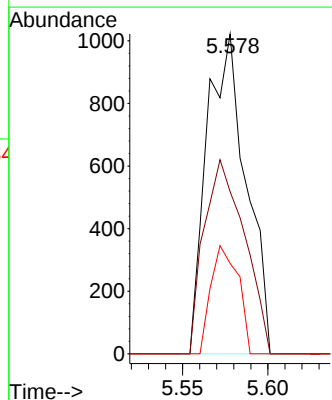
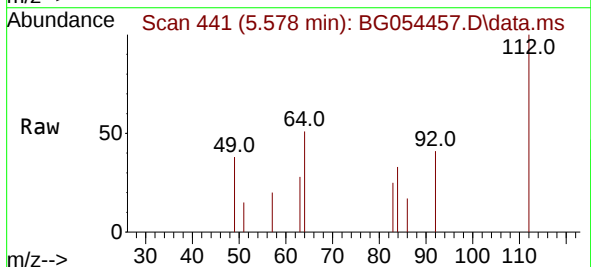
Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tgt Ion:152 Resp: 22834
Ion Ratio Lower Upper
152 100
150 143.9 131.6 197.4
115 49.2 50.9 76.3#



#5
2-Fluorophenol
Concen: 1.494 ng
RT: 5.578 min Scan# 441
Delta R.T. 0.016 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Tgt Ion:112 Resp: 1634
Ion Ratio Lower Upper
112 100
64 50.7 55.1 82.7#
63 28.3 30.4 45.6#

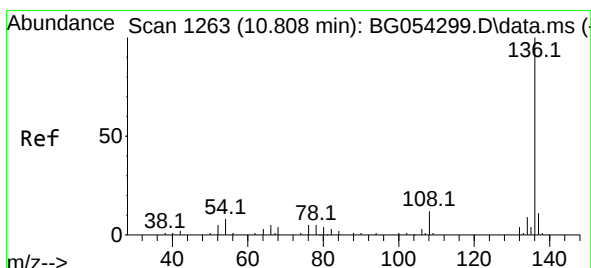
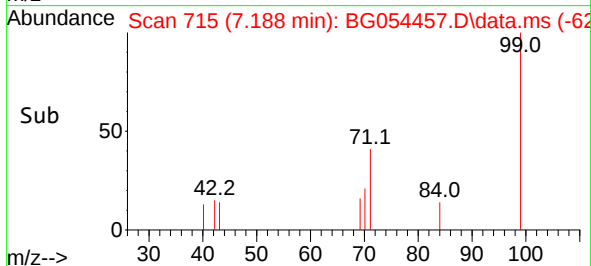
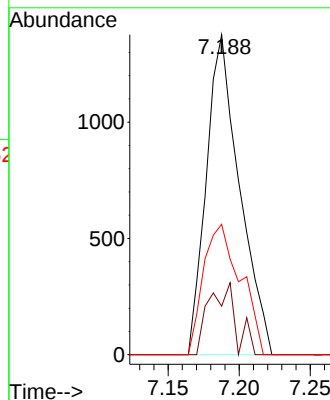
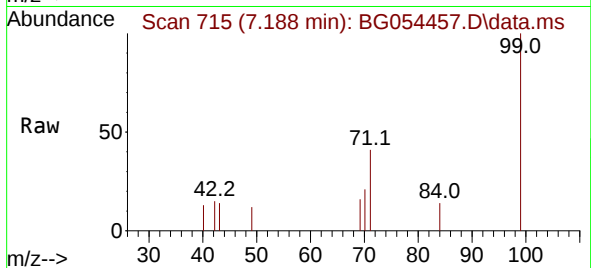




#7
Phenol-d6
Concen: 1.493 ng
RT: 7.188 min Scan# 71
Delta R.T. 0.016 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

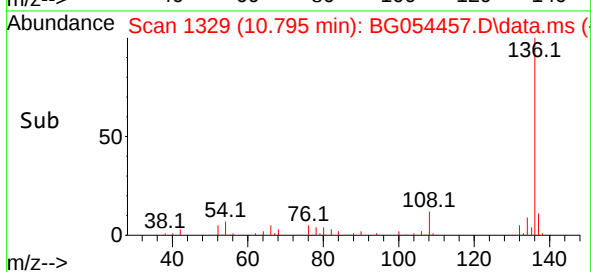
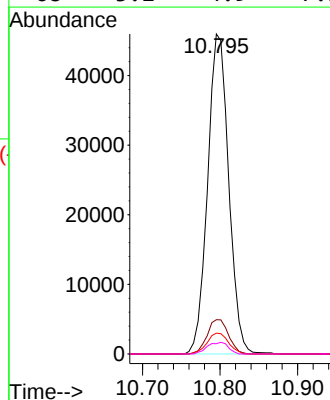
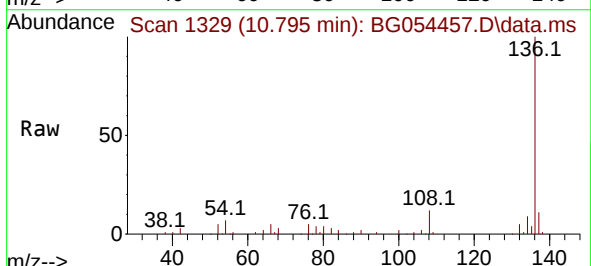
Instrument :
BNA_G
ClientSampleId :
TP-3DL

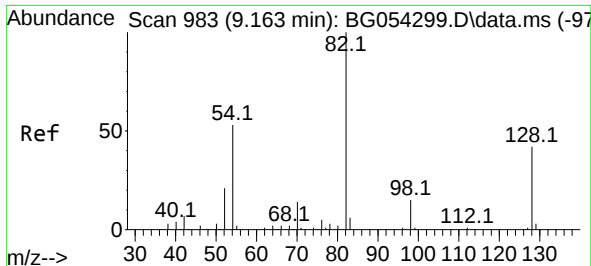
Tgt Ion: 99 Resp: 2237
Ion Ratio Lower Upper
99 100
42 15.2 17.0 25.6#
71 40.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Tgt Ion: 136 Resp: 87026
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.5 7.4 11.2#
68 3.2 4.9 7.3#

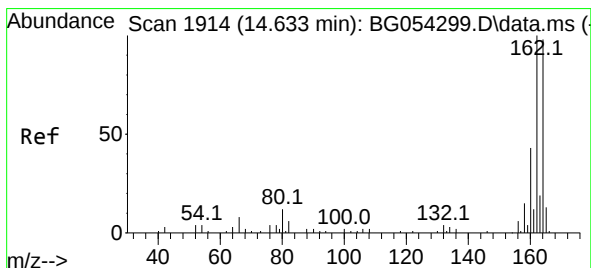
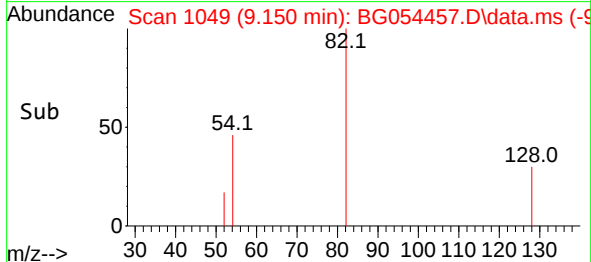
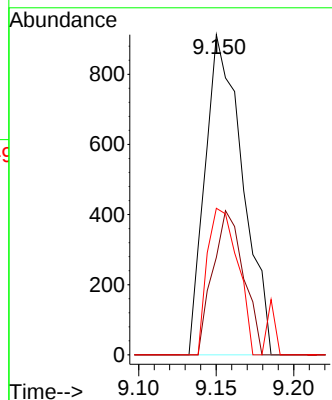
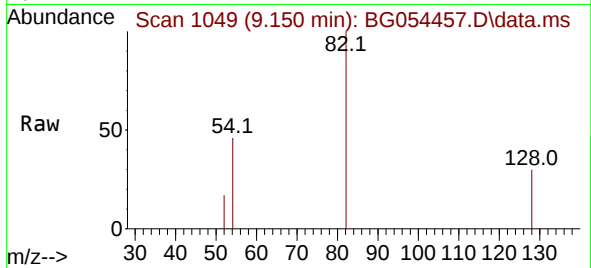




#23
Nitrobenzene-d5
Concen: 0.960 ng
RT: 9.150 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

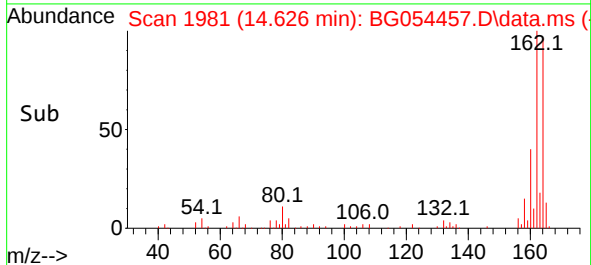
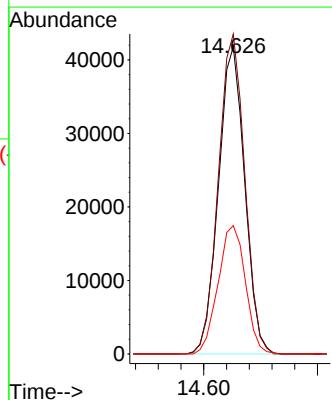
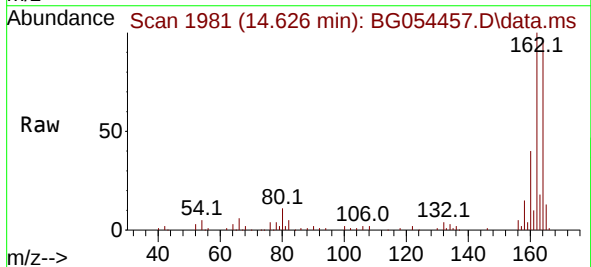
Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tgt Ion: 82 Resp: 1534
Ion Ratio Lower Upper
82 100
128 30.4 27.9 41.9
54 45.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.626 min Scan# 1981
Delta R.T. 0.004 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Tgt Ion:164 Resp: 67013
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 41.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 1.450 ng

RT: 16.118 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG054457.D

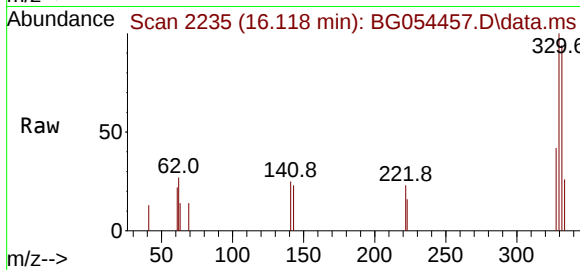
Acq: 29 Jul 2022 20:21

Instrument :

BNA_G

ClientSampleId :

TP-3DL



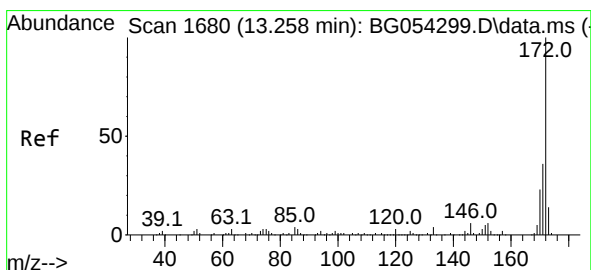
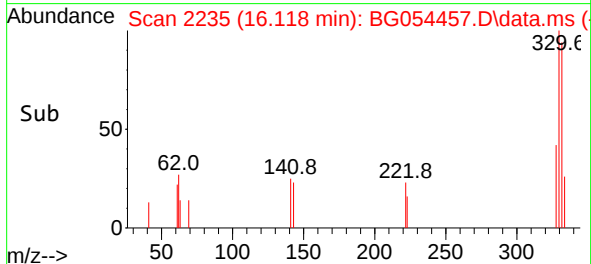
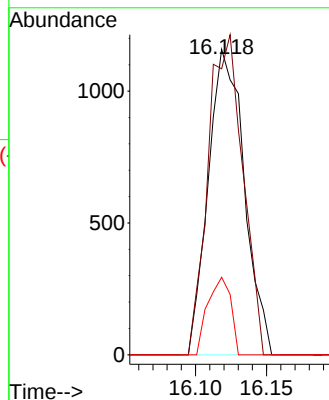
Tgt Ion:330 Resp: 2040

Ion Ratio Lower Upper

330 100

332 101.1 76.0 114.0

141 16.1 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 1.089 ng

RT: 13.245 min Scan# 1746

Delta R.T. -0.002 min

Lab File: BG054457.D

Acq: 29 Jul 2022 20:21

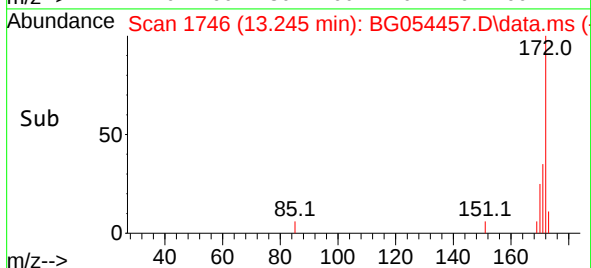
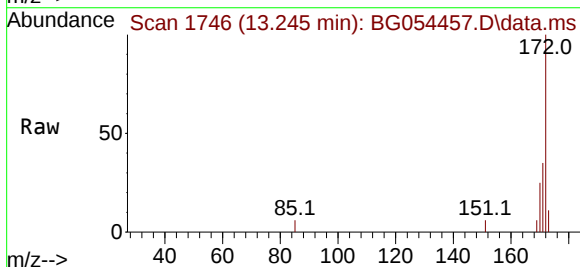
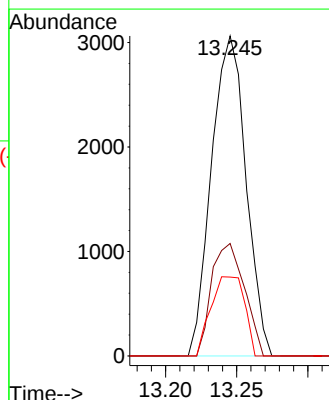
Tgt Ion:172 Resp: 5173

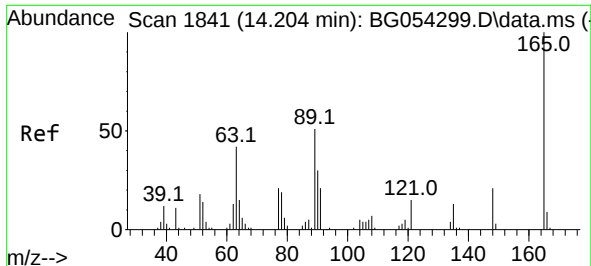
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 24.6 18.9 28.3

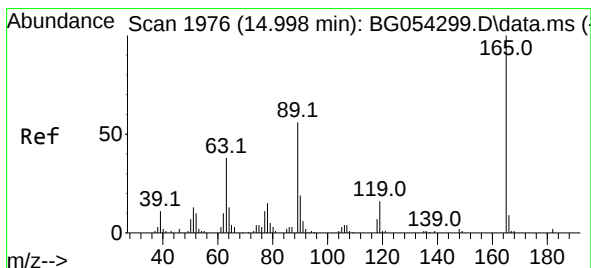
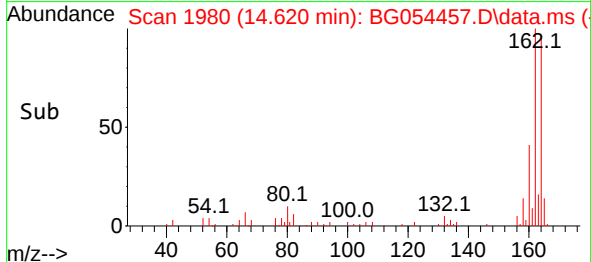
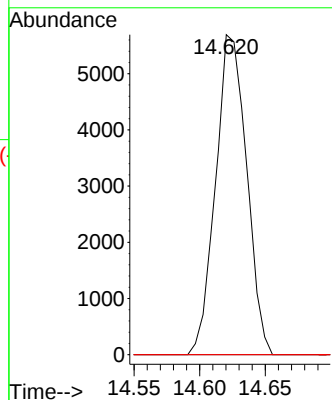
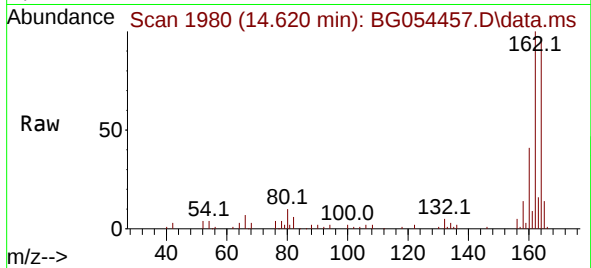




#51
2,6-Dinitrotoluene
Concen: 8.160 ng
RT: 14.620 min Scan# 1980
Delta R.T. 0.421 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

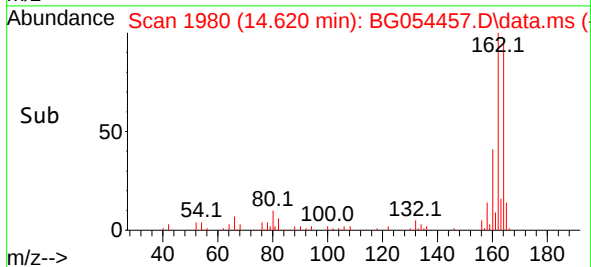
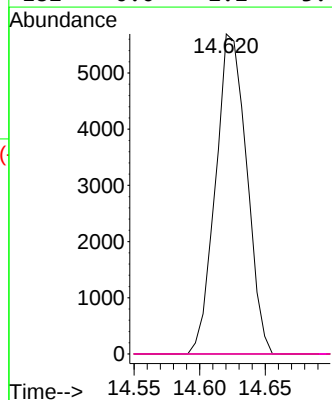
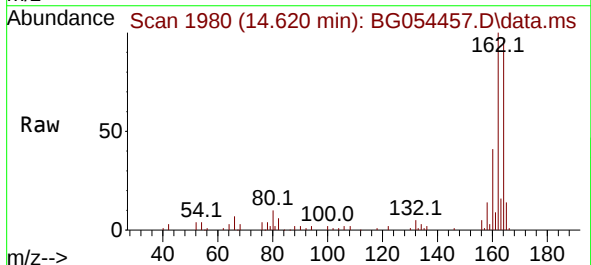
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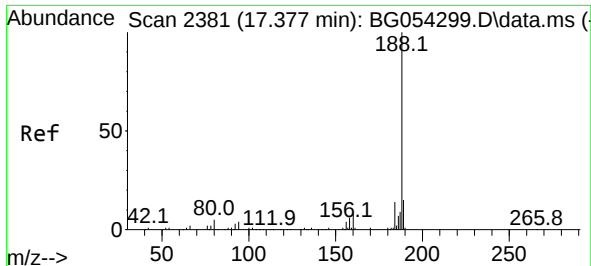
Tgt Ion:165 Resp: 9369
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.692 ng
RT: 14.620 min Scan# 1980
Delta R.T. -0.372 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Tgt Ion:165 Resp: 9369
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

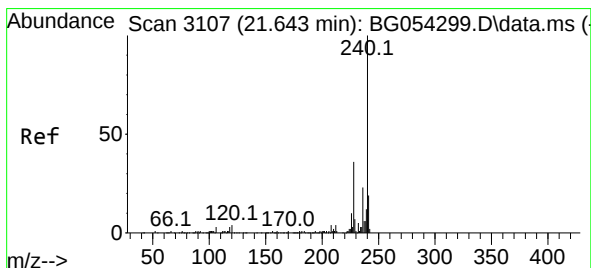
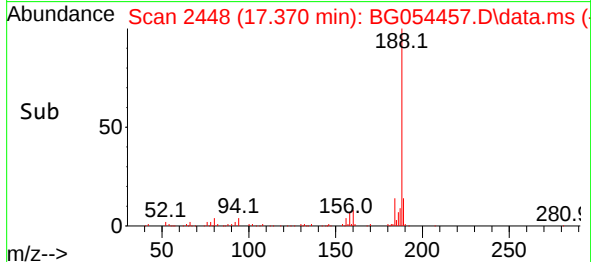
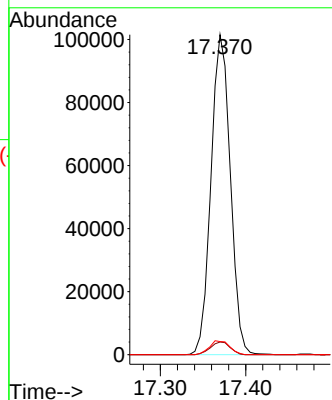
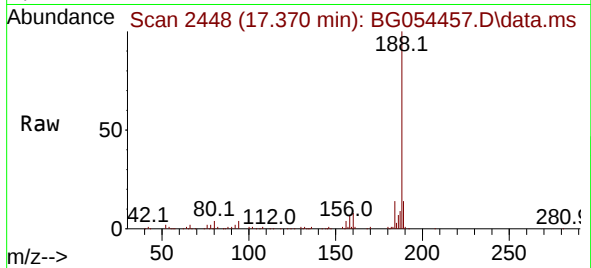




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.370 min Scan# 2448
Delta R.T. -0.002 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

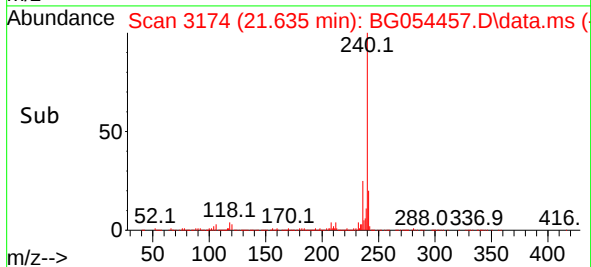
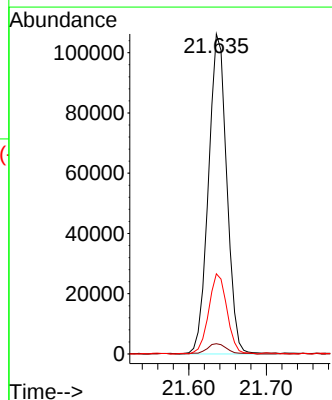
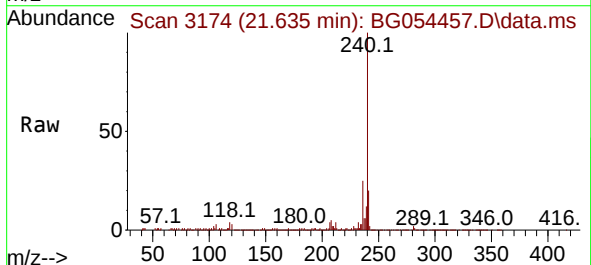
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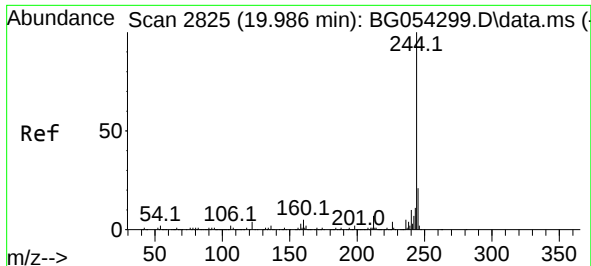
Tgt Ion:188 Resp: 160308
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 4.1 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.635 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Tgt Ion:240 Resp: 174070
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 25.0 20.2 30.4

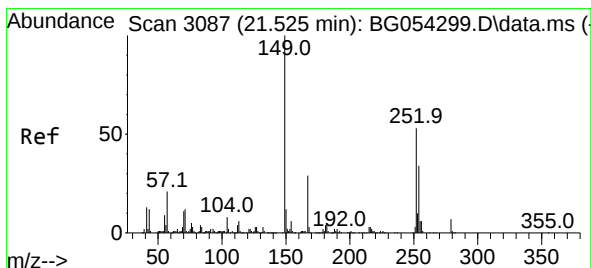
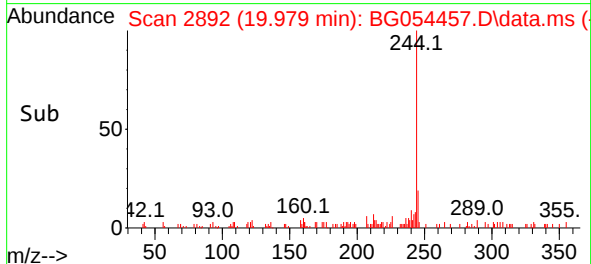
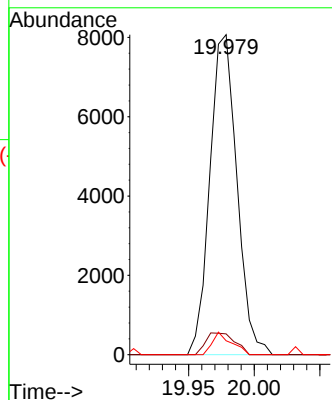
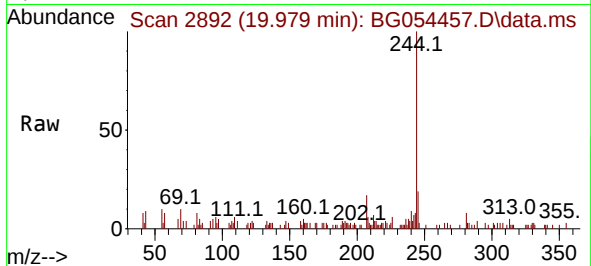




#79
 Terphenyl-d14
 Concen: 1.318 ng
 RT: 19.979 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054457.D
 Acq: 29 Jul 2022 20:21

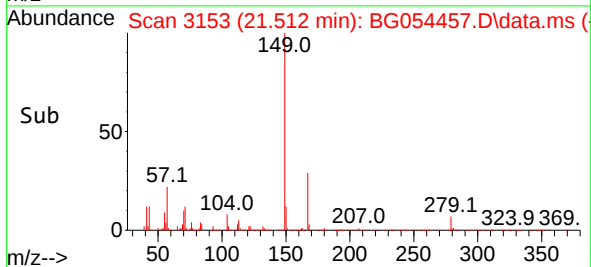
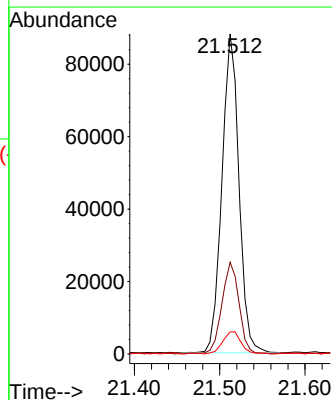
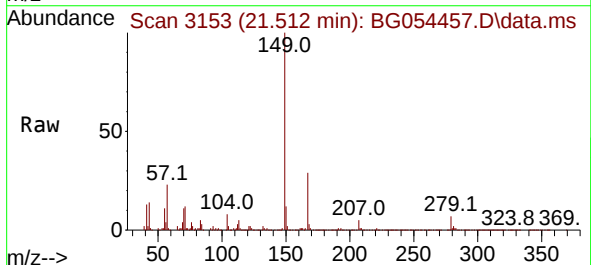
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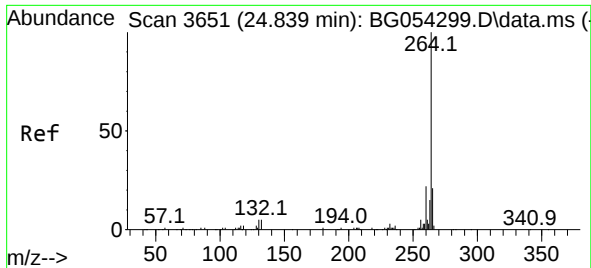
Tgt Ion:244 Resp: 11566
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.5 9.7
 122 4.4 5.0 7.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.758 ng
 RT: 21.512 min Scan# 3153
 Delta R.T. -0.002 min
 Lab File: BG054457.D
 Acq: 29 Jul 2022 20:21

Tgt Ion:149 Resp: 122257
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.2 30.4
 279 6.9 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.843 min Scan# 31
Delta R.T. 0.010 min
Lab File: BG054457.D
Acq: 29 Jul 2022 20:21

Instrument :
BNA_G
ClientSampleId :
TP-3DL

Tgt Ion:264 Resp: 174132

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.8	17.4	26.2

