

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054316.D
 Acq On : 19 Jul 2022 10:05
 Operator : CG/JU
 Sample : PB145953BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145953BL

Quant Time: Jul 19 11:41:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

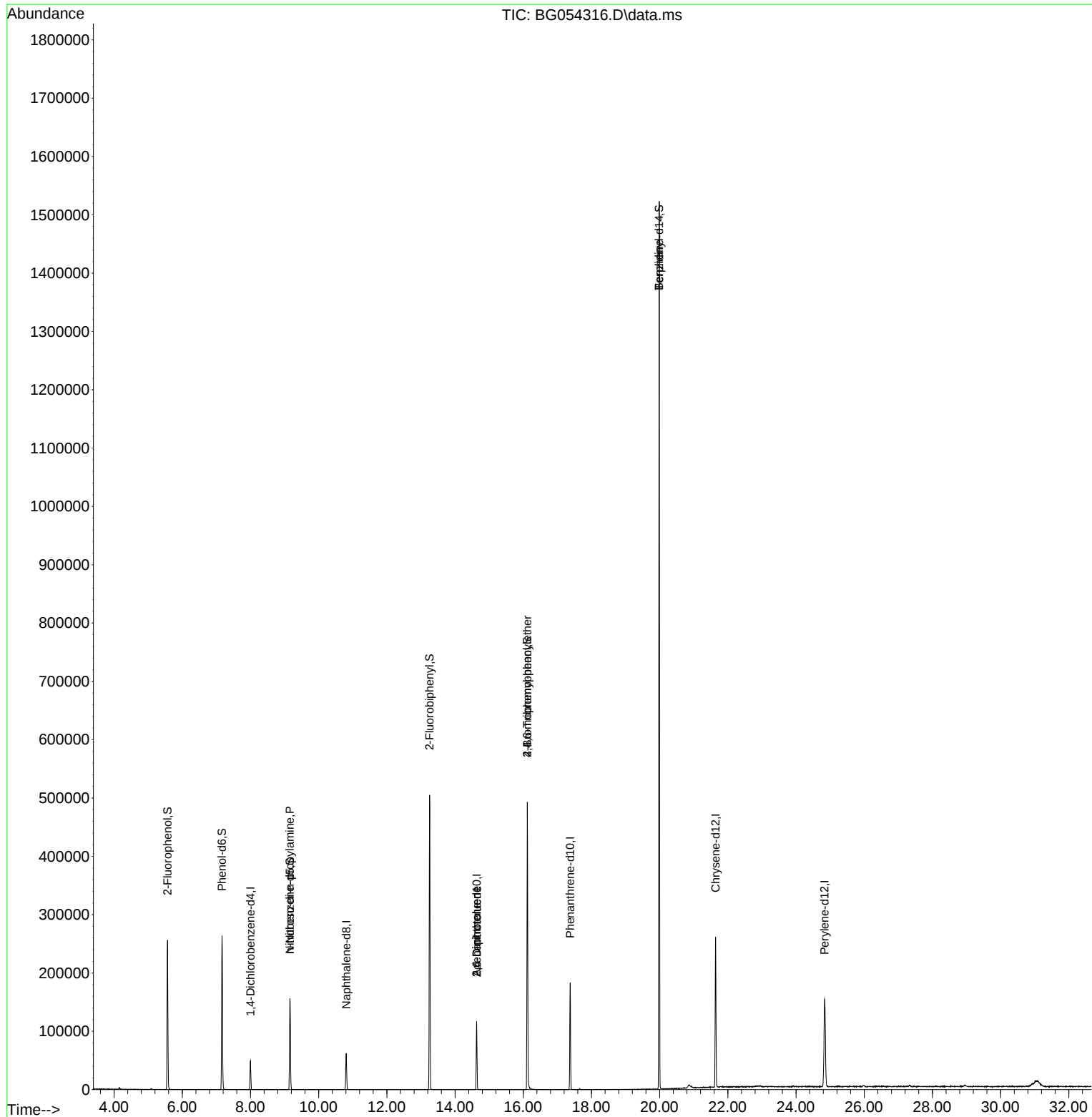
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	16432	20.000	ng	0.00
21) Naphthalene-d8	10.809	136	58395	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	46308	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	133317	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	186145	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	195917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	113841	144.649	ng	0.00
7) Phenol-d6	7.166	99	147933	137.177	ng	0.00
23) Nitrobenzene-d5	9.158	82	97257	90.698	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	135459	139.319	ng	0.00
45) 2-Fluorobiphenyl	13.253	172	307684	93.731	ng	0.00
79) Terphenyl-d14	19.986	244	866398	92.335	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.172	77	232	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.158	70	14349	19.925	ng	# 78
51) 2,6-Dinitrotoluene	14.634	165	6240	7.865	ng	# 16
57) 2,4-Dinitrotoluene	14.634	165	6240	5.486	ng	# 21
67) 4-Bromophenyl-phenylether	16.120	248	7913	4.226	ng	# 1
77) Benzidine	19.986	184	11046	3.277	ng	# 95

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

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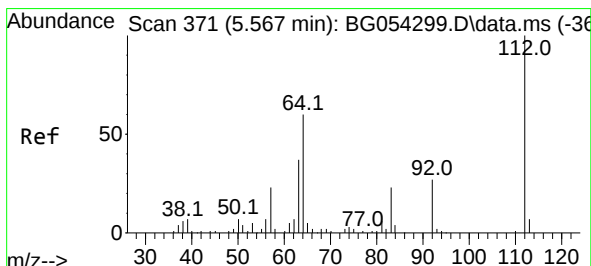
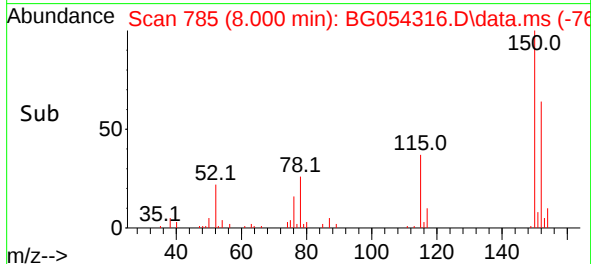
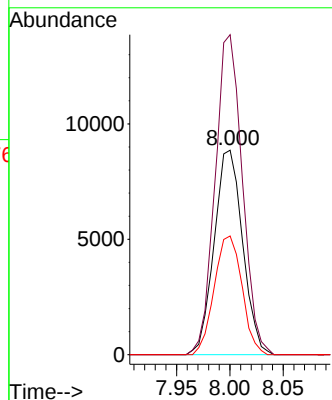
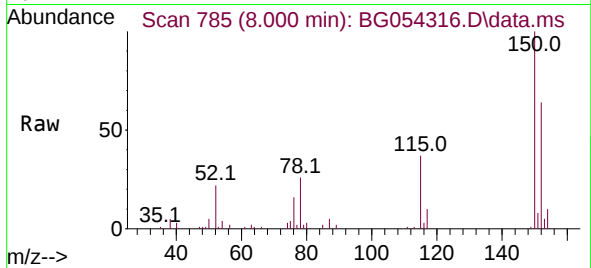




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.000 min Scan# 785
Delta R.T. 0.000 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

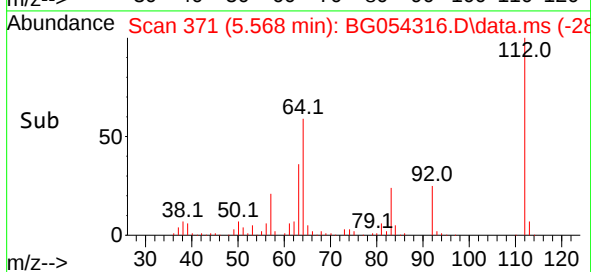
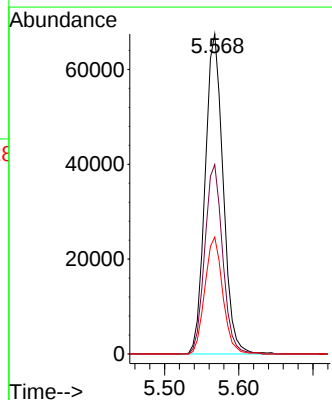
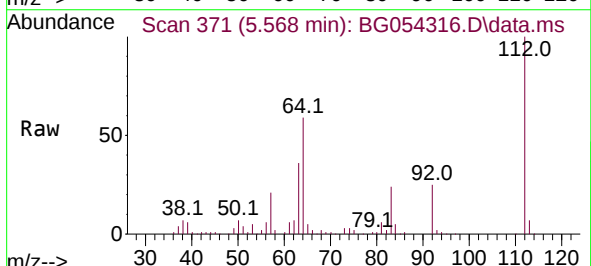
Instrument :
BNA_G
ClientSampleId :
PB145953BL

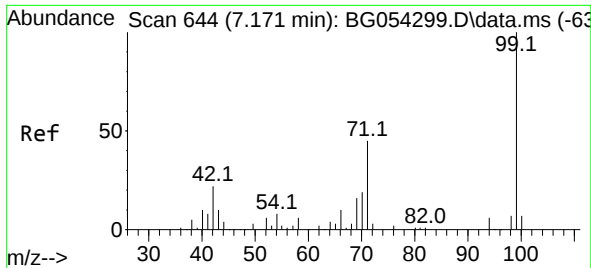
Tgt Ion:152 Resp: 16432
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 58.1 50.9 76.3



#5
2-Fluorophenol
Concen: 144.649 ng
RT: 5.568 min Scan# 371
Delta R.T. 0.000 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion:112 Resp: 113841
Ion Ratio Lower Upper
112 100
64 59.1 55.1 82.7
63 36.5 30.4 45.6

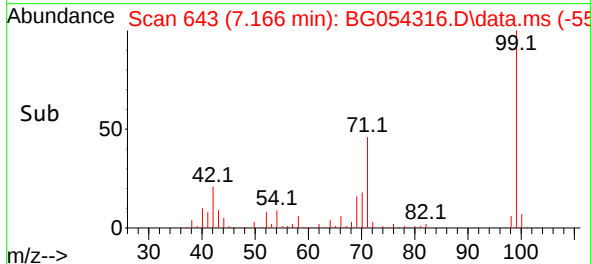
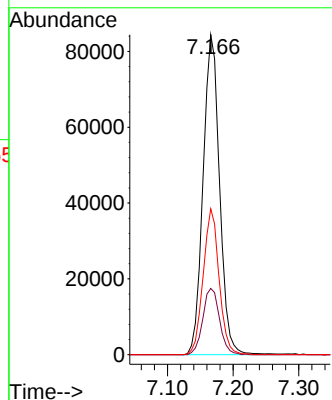
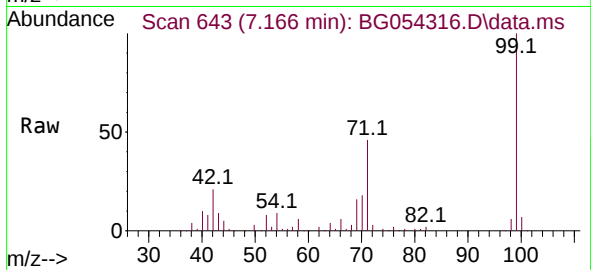




#7
Phenol-d6
Concen: 137.177 ng
RT: 7.166 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

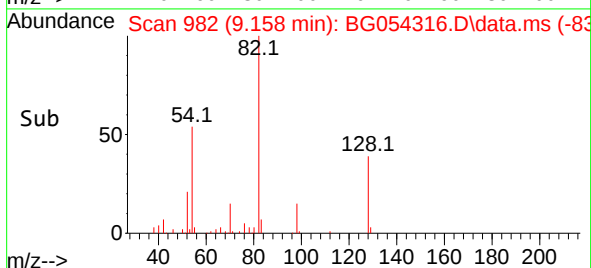
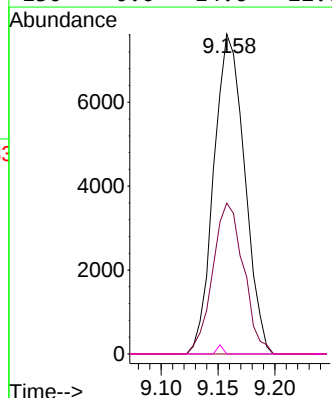
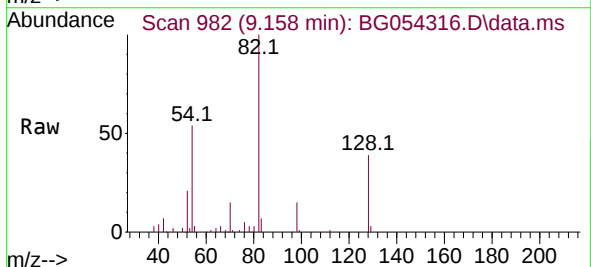
Instrument :
BNA_G
ClientSampleId :
PB145953BL

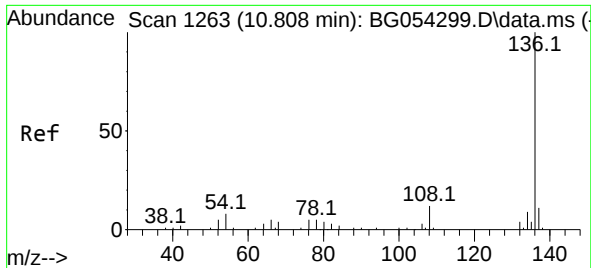
Tgt Ion: 99 Resp: 147933
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 45.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.925 ng
RT: 9.158 min Scan# 982
Delta R.T. 0.353 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion: 70 Resp: 14349
Ion Ratio Lower Upper
70 100
42 47.2 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

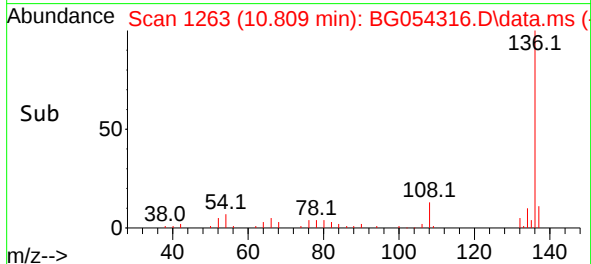
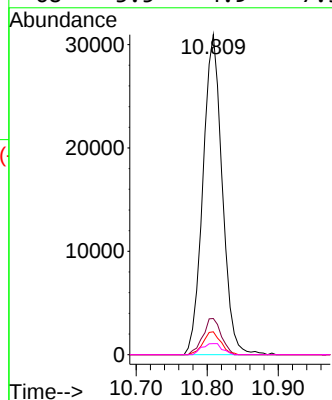
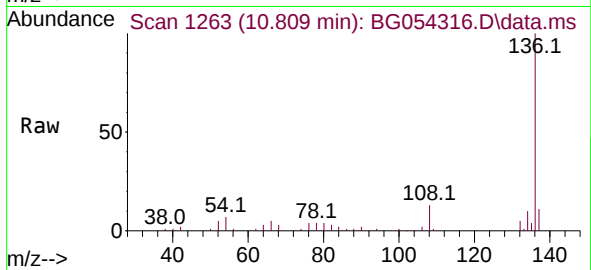




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.809 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

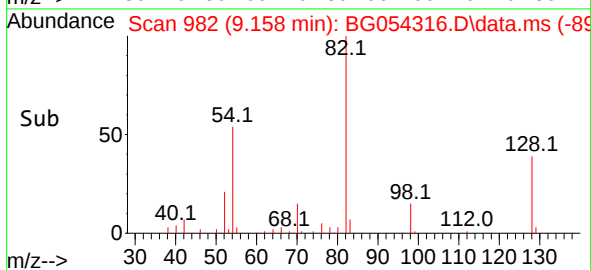
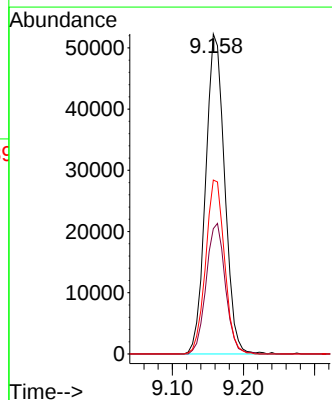
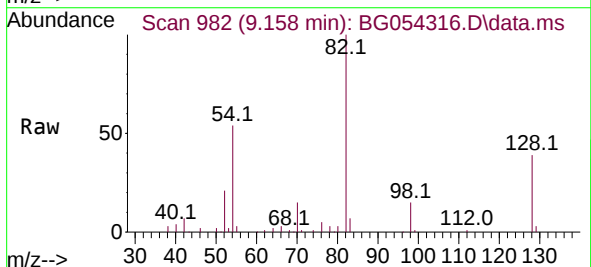
Instrument :
BNA_G
ClientSampleId :
PB145953BL

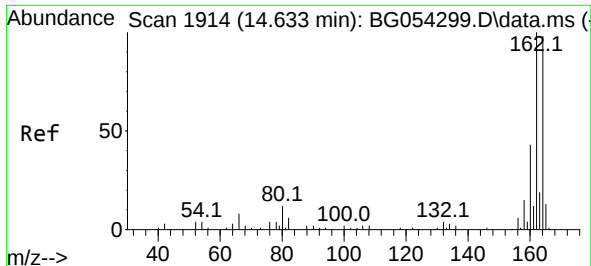
Tgt Ion:	136	Resp:	58395
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.2	7.4	11.2#
68	3.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 90.698 ng
RT: 9.158 min Scan# 982
Delta R.T. -0.006 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

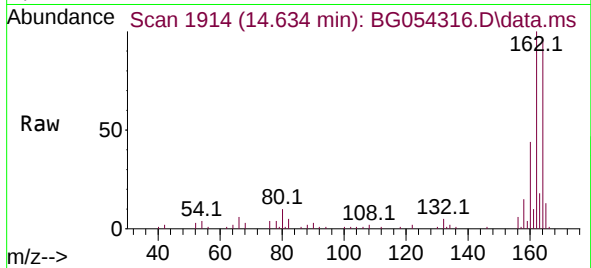
Tgt Ion:	82	Resp:	97257
Ion Ratio	Lower	Upper	
82	100		
128	39.1	27.9	41.9
54	54.4	41.2	61.8



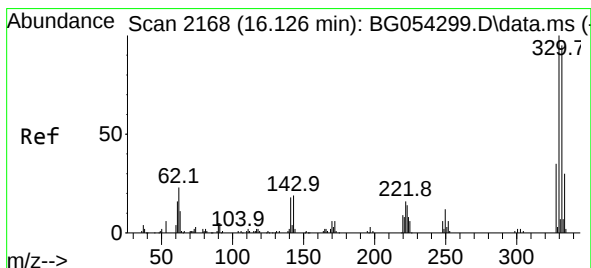
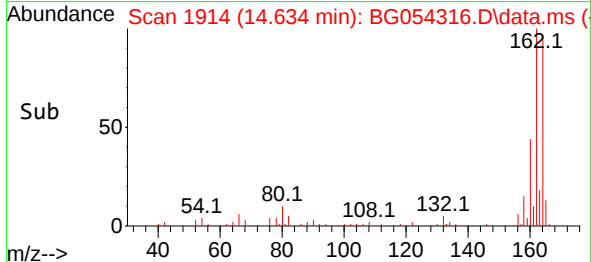
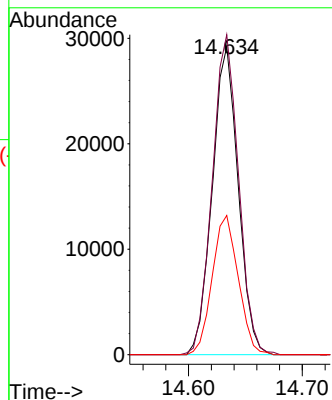


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Instrument :
BNA_G
ClientSampleId :
PB145953BL

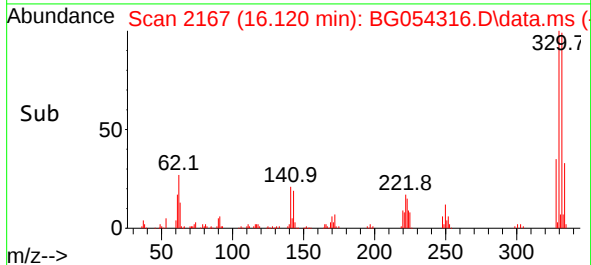
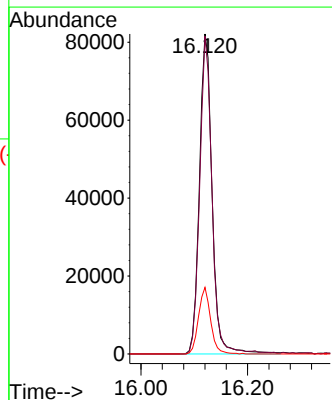
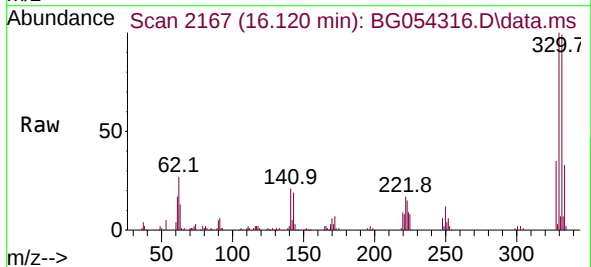


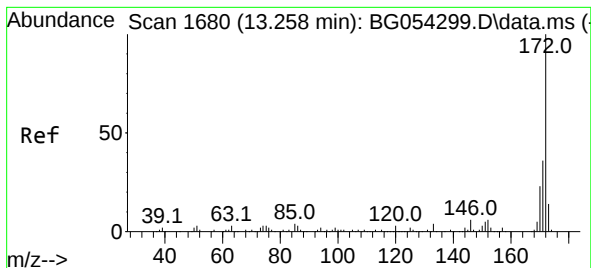
Tgt Ion:164 Resp: 46308
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 45.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 139.319 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion:330 Resp: 135459
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 19.9 27.1 40.7#

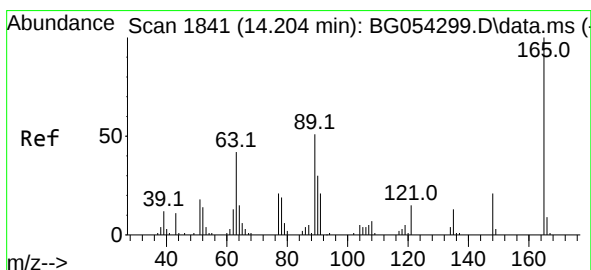
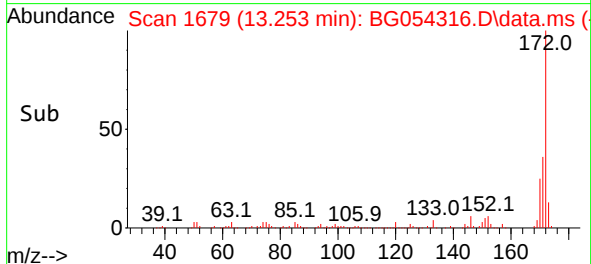
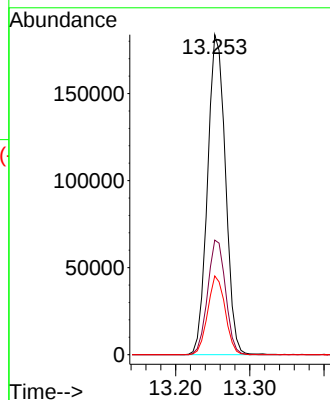
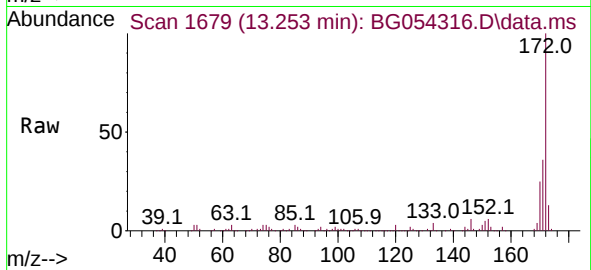




#45
2-Fluorobiphenyl
Concen: 93.731 ng
RT: 13.253 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

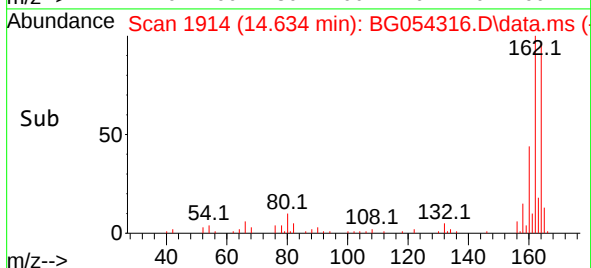
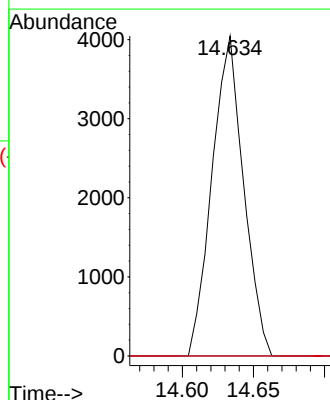
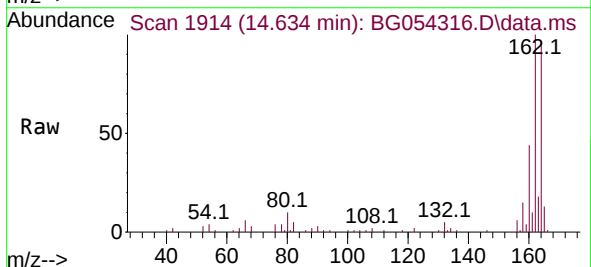
Instrument :
BNA_G
ClientSampleId :
PB145953BL

Tgt Ion:172 Resp: 307684
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 7.865 ng
RT: 14.634 min Scan# 1914
Delta R.T. 0.429 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion:165 Resp: 6240
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: 5.486 ng

RT: 14.634 min Scan# 1976

Delta R.T. -0.364 min

Lab File: BG054316.D

Acq: 19 Jul 2022 10:05

Instrument :

BNA_G

ClientSampleId :

PB145953BL

Tgt Ion:165 Resp: 6240

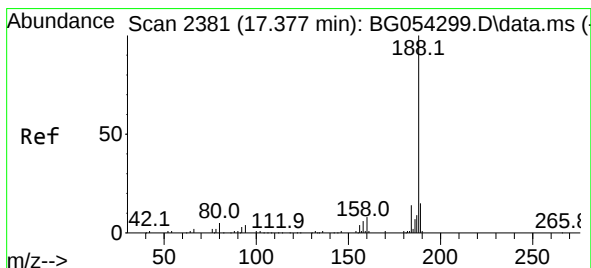
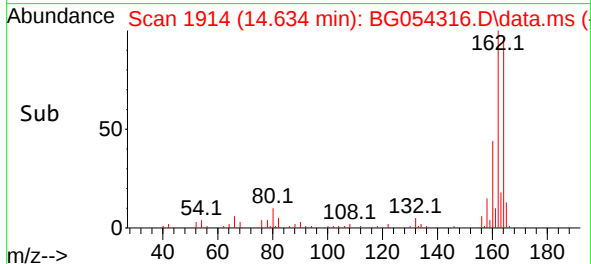
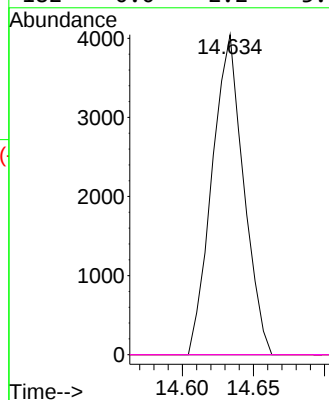
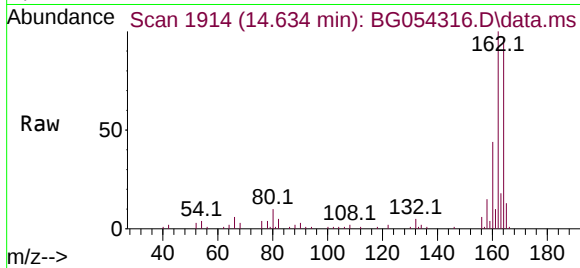
Ion Ratio Lower Upper

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: 17.377 min Scan# 2381

Delta R.T. 0.000 min

Lab File: BG054316.D

Acq: 19 Jul 2022 10:05

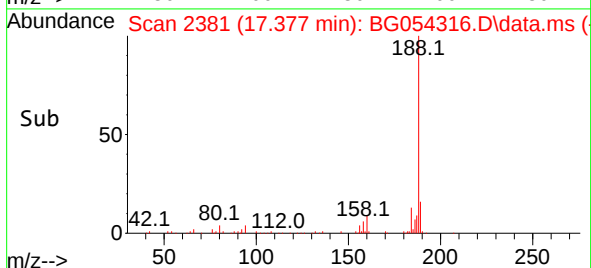
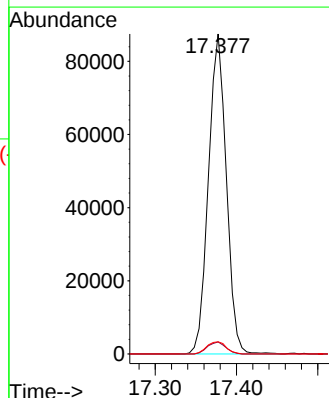
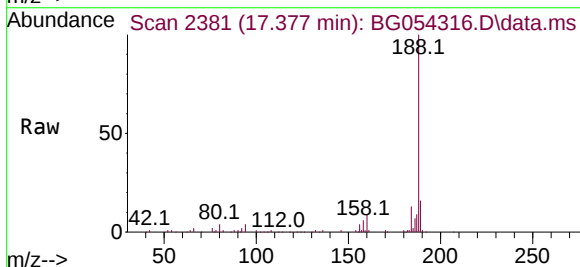
Tgt Ion:188 Resp: 133317

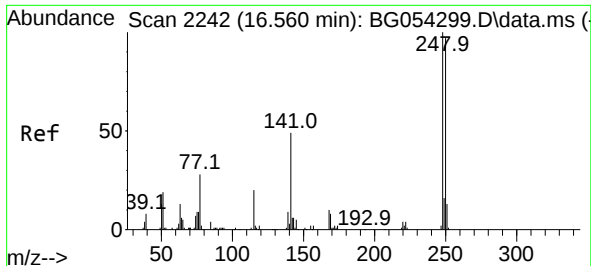
Ion Ratio Lower Upper

188 100

94 3.8 5.4 8.0#

80 3.8 6.8 10.2#

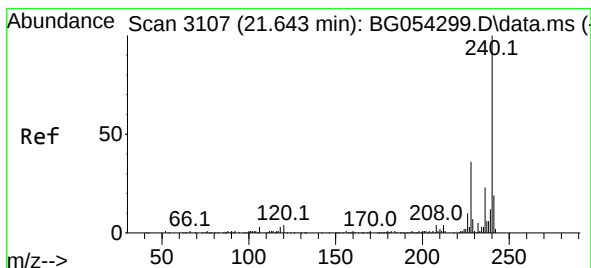
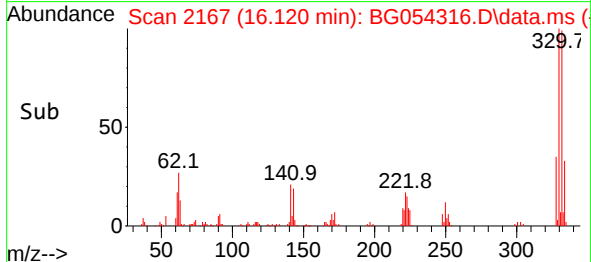
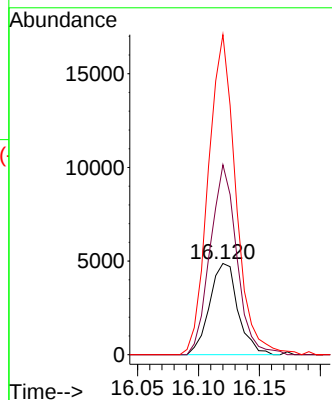
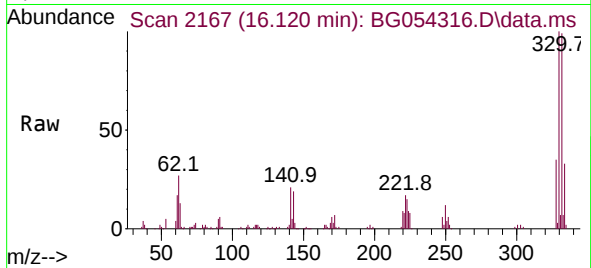




#67
4-Bromophenyl-phenylether
Concen: 4.226 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.440 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

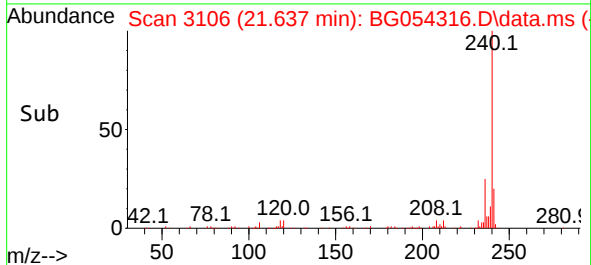
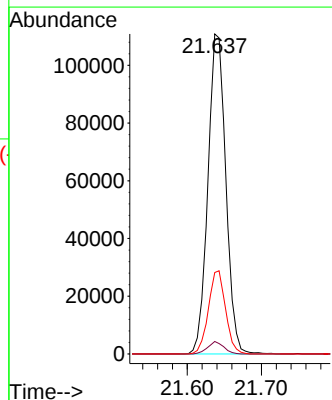
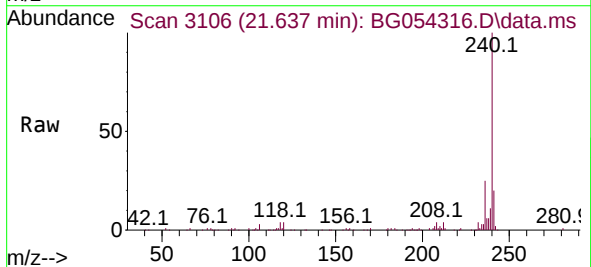
Instrument :
BNA_G
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PB145953BL

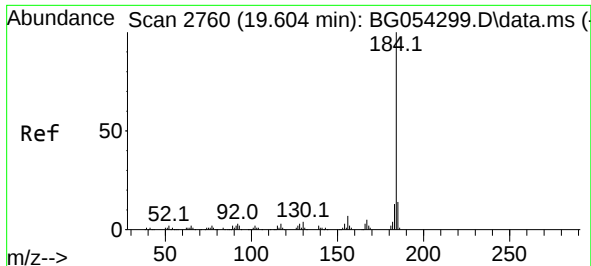
Tgt Ion:248 Resp: 7913
Ion Ratio Lower Upper
248 100
250 208.3 75.2 112.8#
141 350.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion:240 Resp: 186145
Ion Ratio Lower Upper
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120 3.9 4.6 7.0#
236 25.4 20.2 30.4

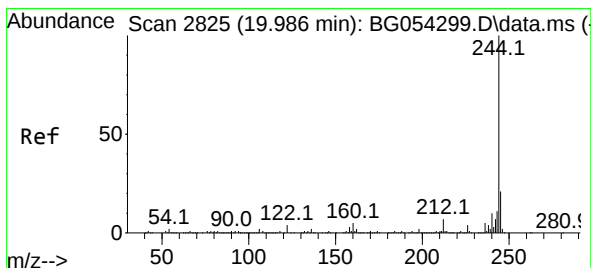
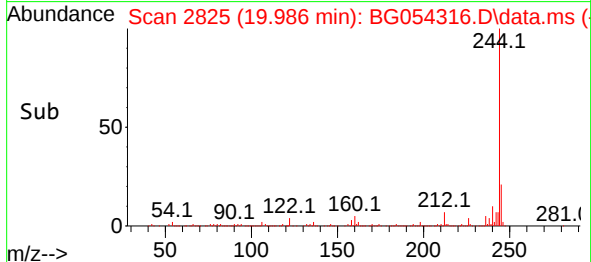
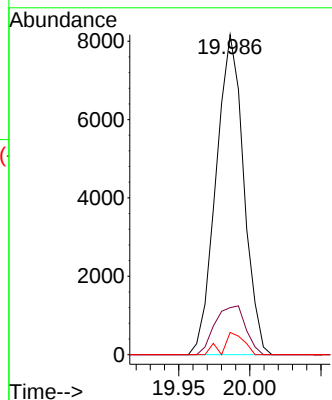
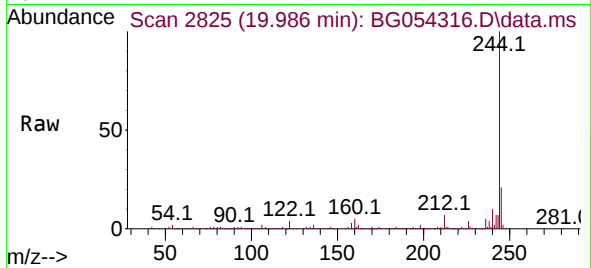




#77
Benzidine
Concen: 3.277 ng
RT: 19.986 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

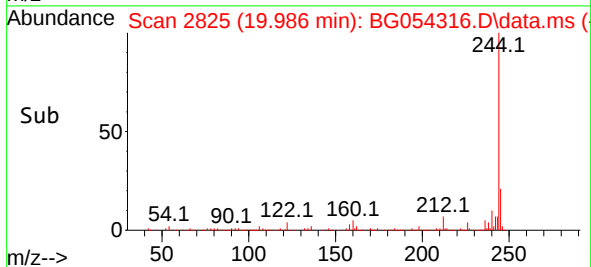
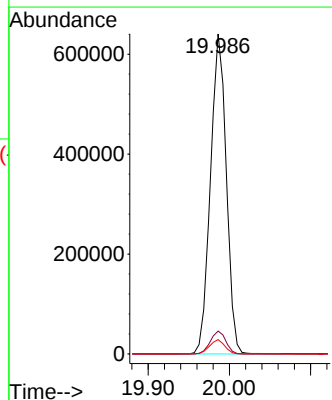
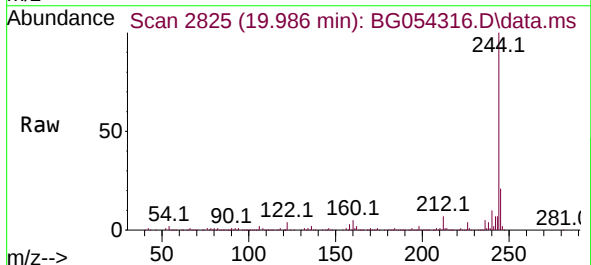
Instrument :
BNA_G
ClientSampleId :
PB145953BL

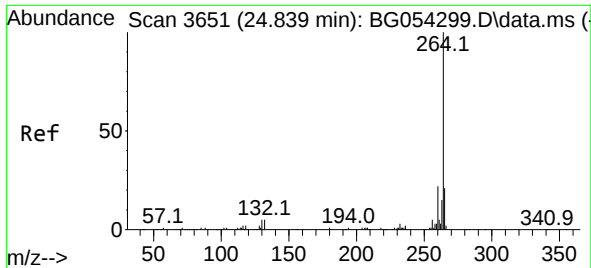
Tgt Ion:184 Resp: 11046
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 6.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 92.335 ng
RT: 19.986 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Tgt Ion:244 Resp: 866398
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 4.5 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 30
Delta R.T. 0.000 min
Lab File: BG054316.D
Acq: 19 Jul 2022 10:05

Instrument :
BNA_G
ClientSampleId :
PB145953BL

Tgt Ion:264 Resp: 195917

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	22.3	17.4	26.2

