

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053419.D
 Acq On : 3 May 2022 16:13
 Operator : CG/JU
 Sample : N2641-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Quant Time: May 04 06:06:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

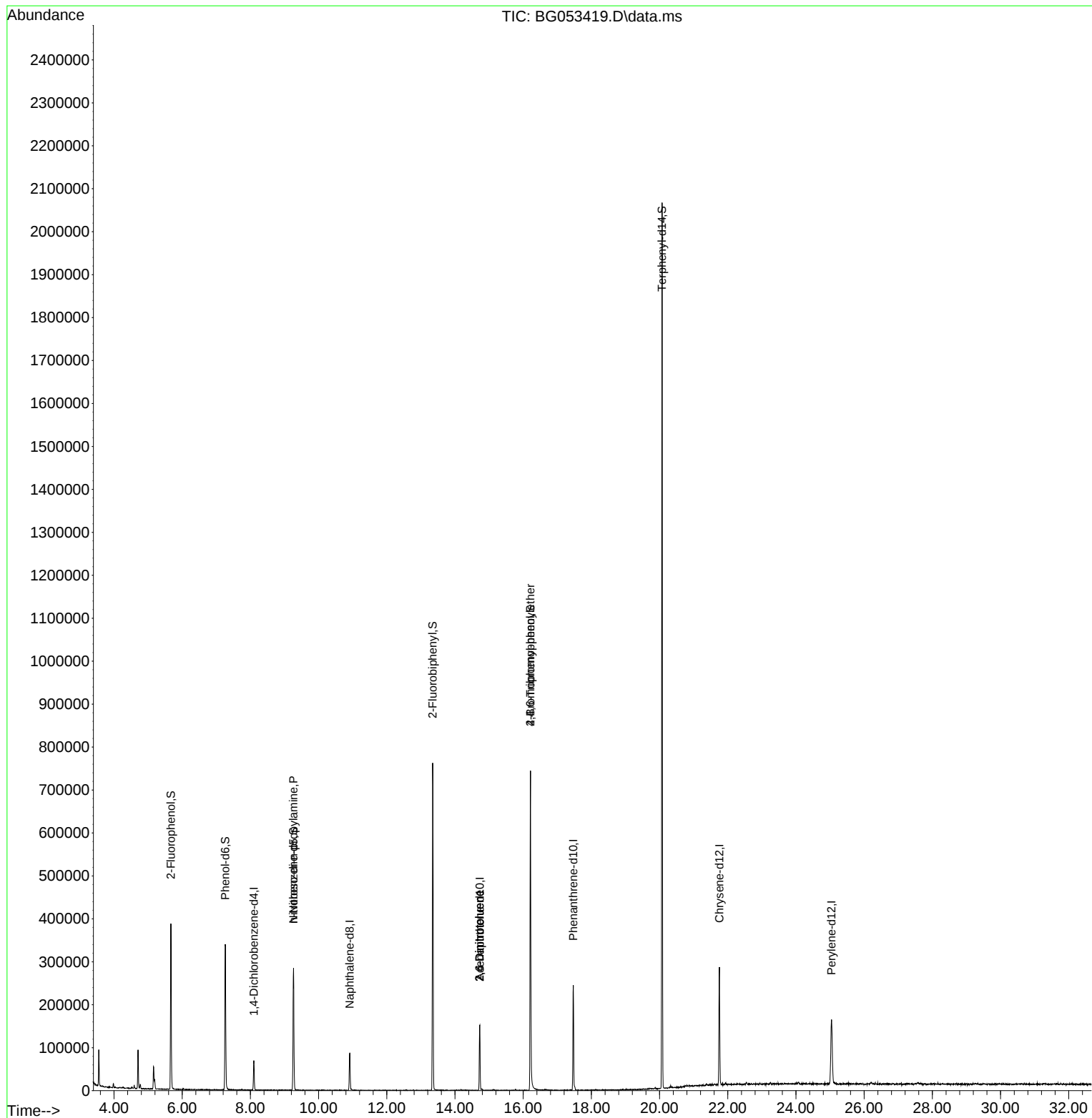
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	19048	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	72390	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	57816	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	165417	20.000	ng	0.00
76) Chrysene-d12	21.752	240	182527	20.000	ng	0.00
86) Perylene-d12	25.041	264	183802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	155617	140.044	ng	0.00
7) Phenol-d6	7.260	99	202465	118.153	ng	0.00
23) Nitrobenzene-d5	9.263	82	187560	105.202	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	156860	170.532	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	410968	98.015	ng	0.00
79) Terphenyl-d14	20.072	244	1044278	96.626	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	25401	20.247	ng	Qvalue
51) 2,6-Dinitrotoluene	14.720	165	7314	7.581	ng	# 79
57) 2,4-Dinitrotoluene	14.720	165	7314	5.325	ng	# 24
67) 4-Bromophenyl-phenylether	16.212	248	10363	4.889	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	10363	4.889	ng	# 1

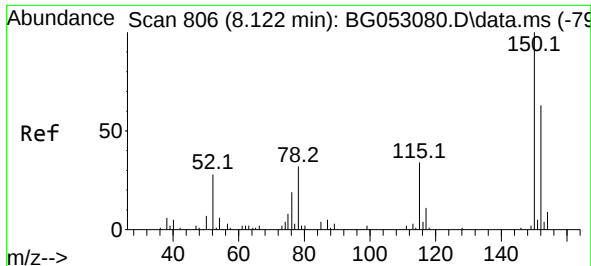
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 04 06:06:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 06:03:03 2022
Response via : Initial Calibration

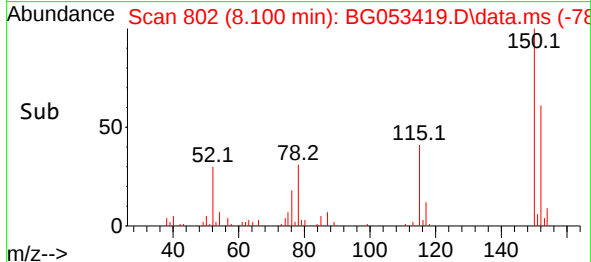
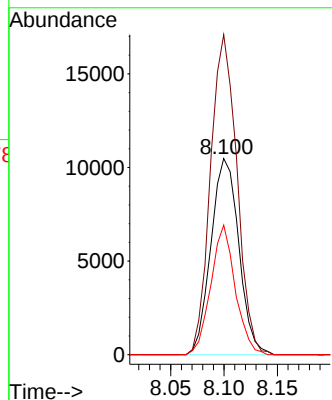
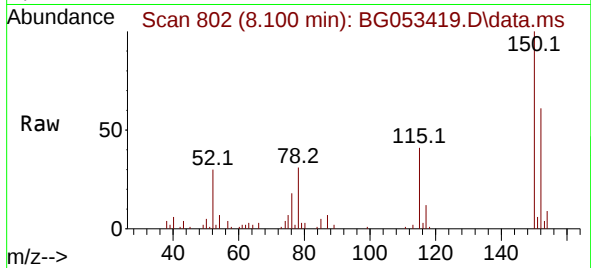




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

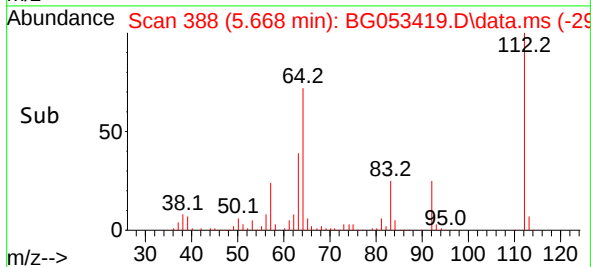
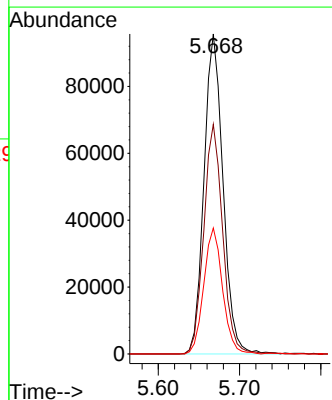
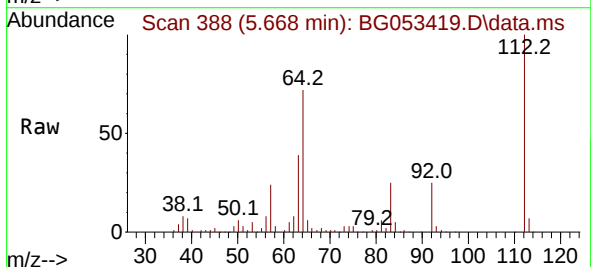
Instrument :
BNA_G
ClientSampleId :
TP-21

Tgt Ion:152 Resp: 19048
Ion Ratio Lower Upper
152 100
150 163.1 114.6 172.0
115 66.1 45.9 68.9



#5
2-Fluorophenol
Concen: 140.044 ng
RT: 5.668 min Scan# 388
Delta R.T. 0.004 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion:112 Resp: 155617
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 39.4 26.5 39.7

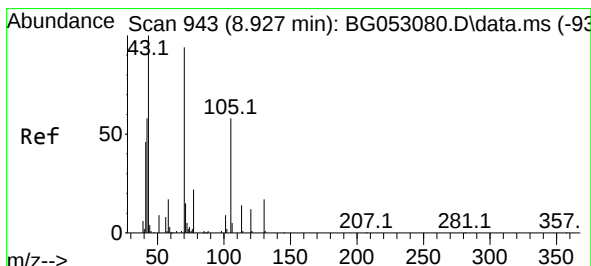
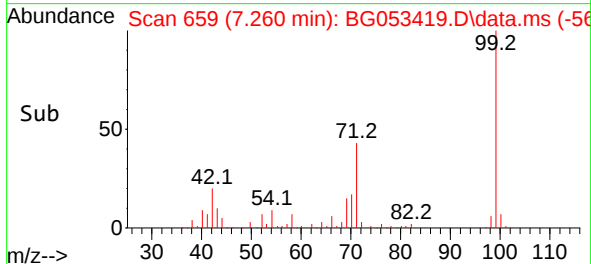
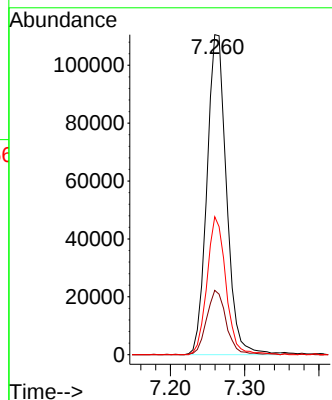
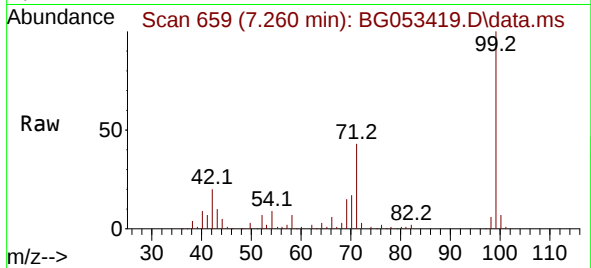




#7
Phenol-d6
Concen: 118.153 ng
RT: 7.260 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

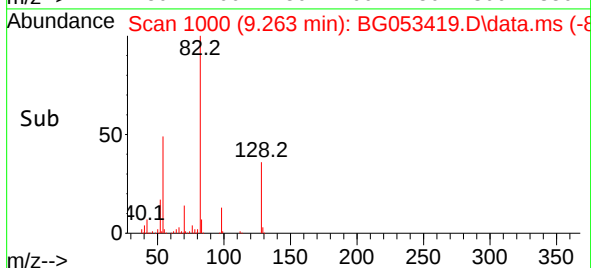
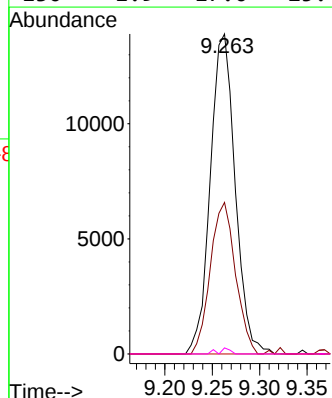
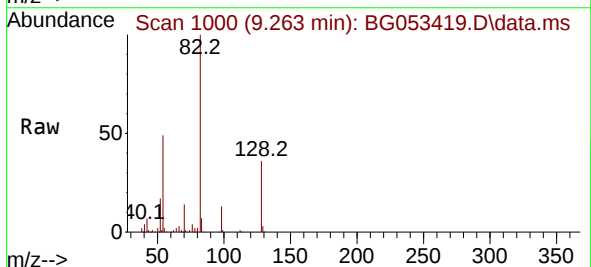
Instrument :
BNA_G
ClientSampleId :
TP-21

Tgt Ion: 99 Resp: 202465
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 43.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.247 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.356 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion: 70 Resp: 25401
Ion Ratio Lower Upper
70 100
42 47.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.9 17.0 25.4#

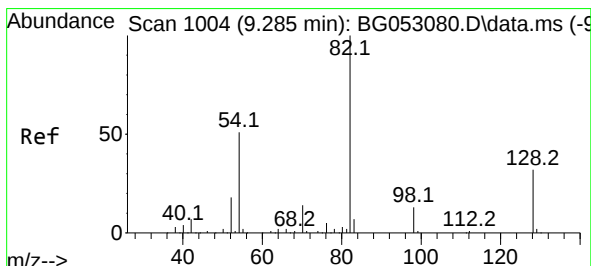
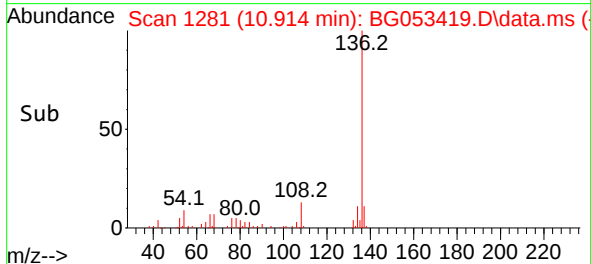
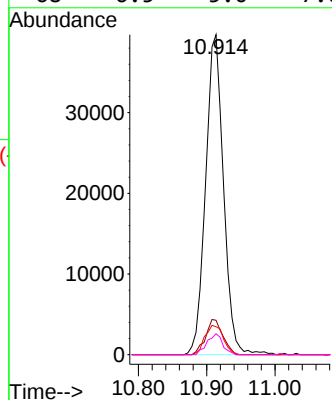
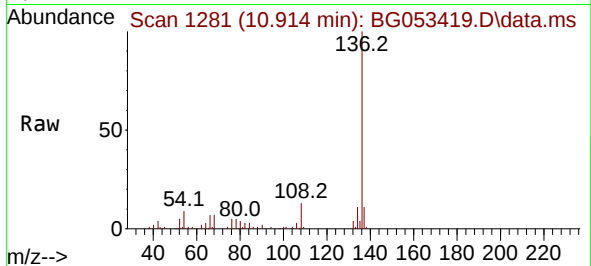




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

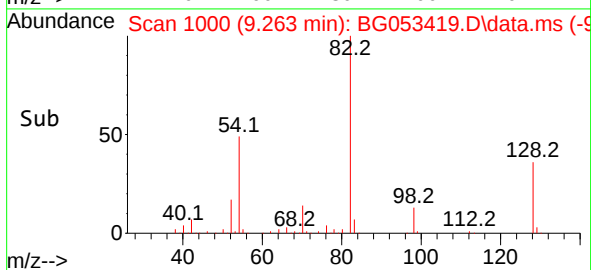
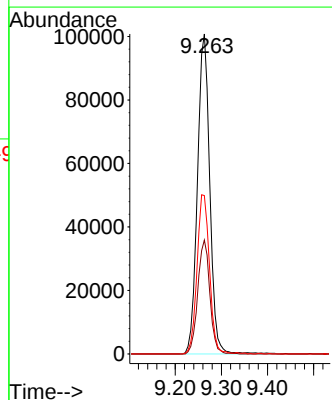
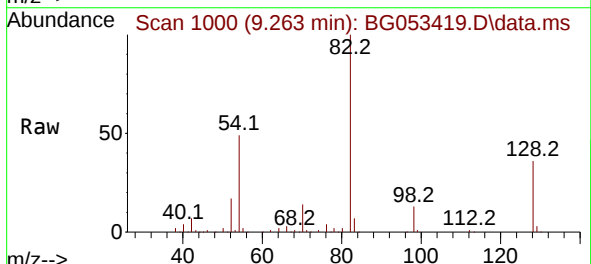
Instrument :
BNA_G
ClientSampleId :
TP-21

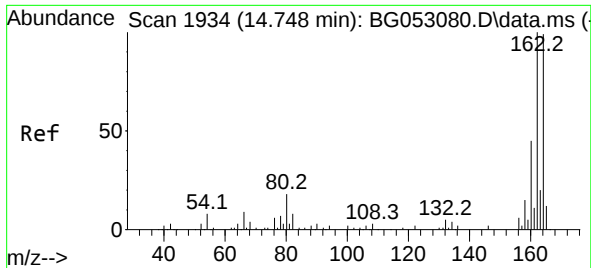
Tgt Ion:136	Resp:	72390
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.4 14.2
54	8.8	6.4 9.6
68	6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 105.202 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion: 82	Resp:	187560
Ion	Ratio	Lower Upper
82	100	
128	35.6	31.3 46.9
54	49.5	37.8 56.8

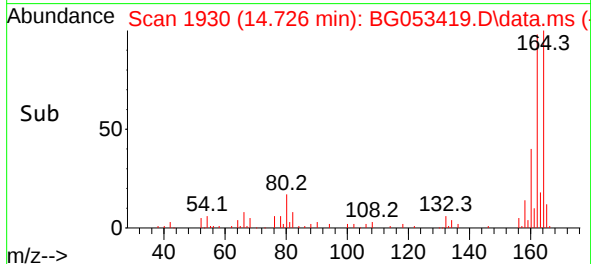
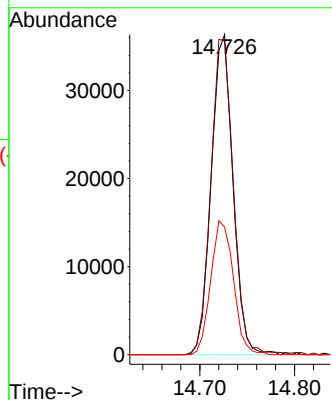
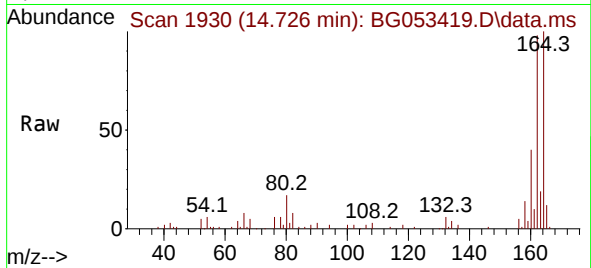




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

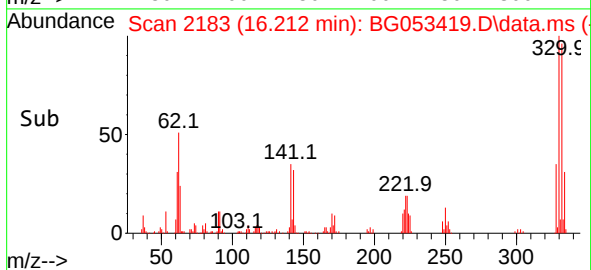
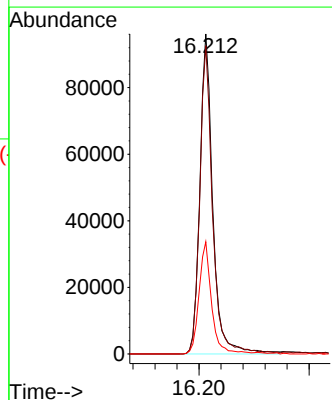
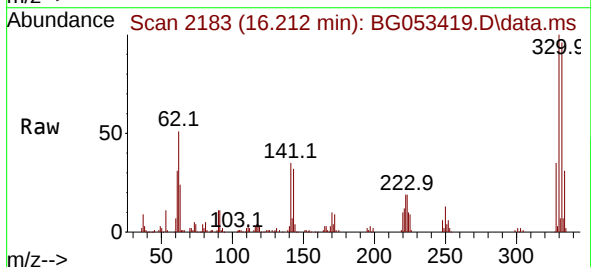
Instrument :
BNA_G
ClientSampleId :
TP-21

Tgt Ion:164 Resp: 57816
Ion Ratio Lower Upper
164 100
162 98.0 80.0 120.0
160 39.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 170.532 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion:330 Resp: 156860
Ion Ratio Lower Upper
330 100
332 95.7 75.8 113.6
141 34.0 24.6 36.8

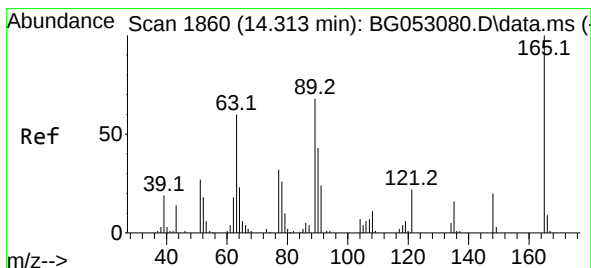
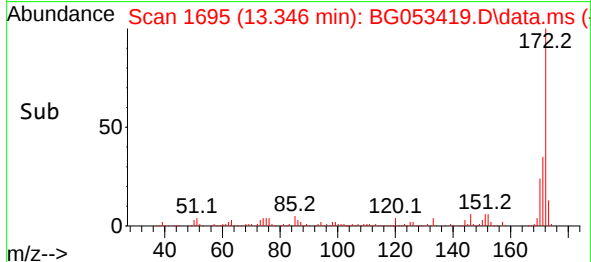
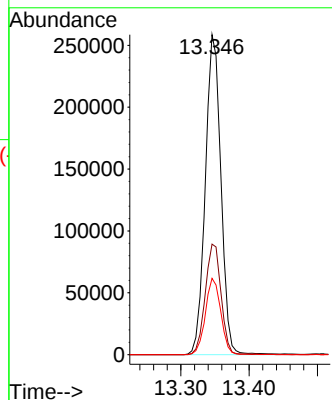
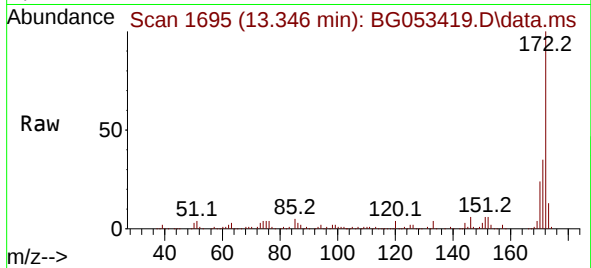




#45
2-Fluorobiphenyl
Concen: 98.015 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

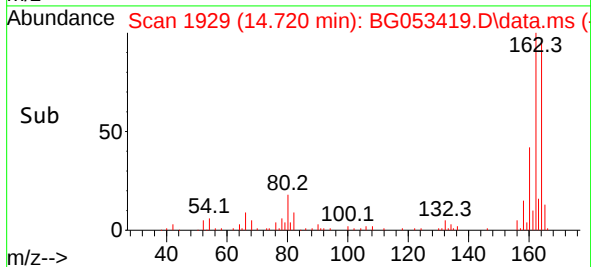
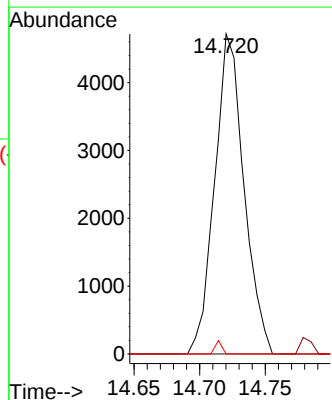
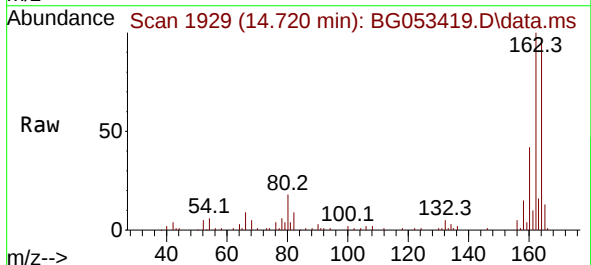
Instrument :
BNA_G
ClientSampleId :
TP-21

Tgt Ion:172 Resp: 410968
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.581 ng
RT: 14.720 min Scan# 1929
Delta R.T. 0.427 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion:165 Resp: 7314
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.325 ng

RT: 14.720 min Scan# 1994

Delta R.T. -0.366 min

Lab File: BG053419.D

Acq: 3 May 2022 16:13

Instrument :

BNA_G

ClientSampleId :

TP-21

Tgt Ion:165 Resp: 7314

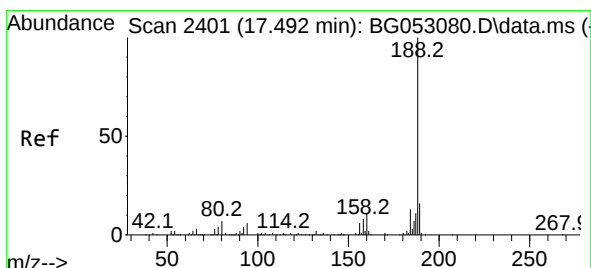
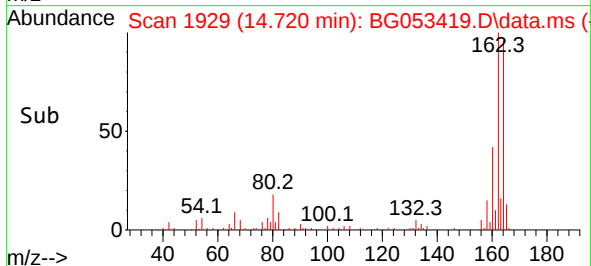
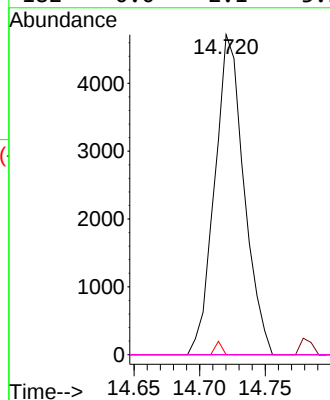
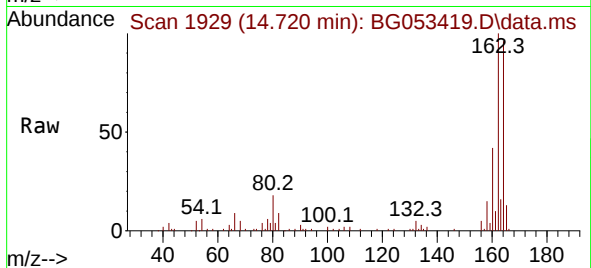
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.469 min Scan# 2397

Delta R.T. -0.002 min

Lab File: BG053419.D

Acq: 3 May 2022 16:13

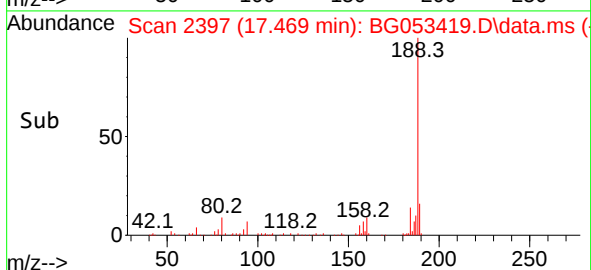
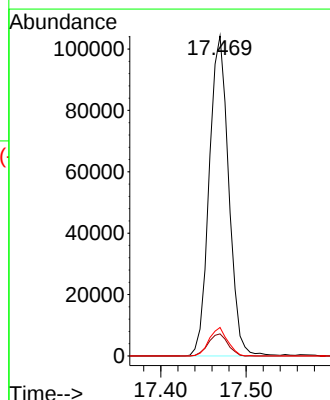
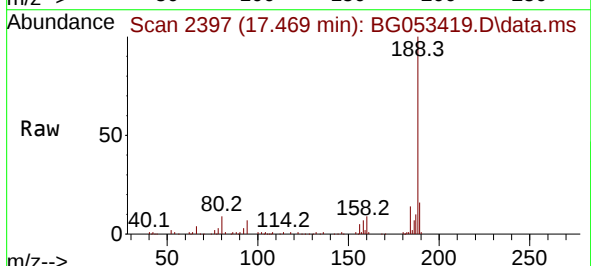
Tgt Ion:188 Resp: 165417

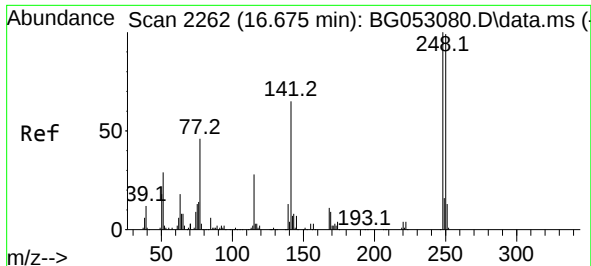
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.9 7.2 10.8

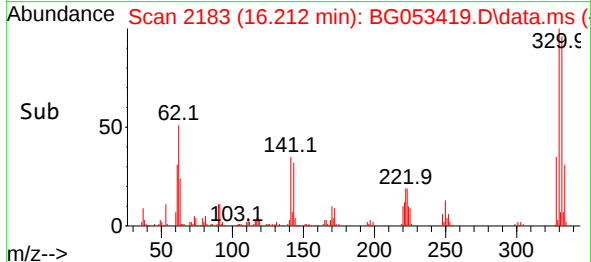
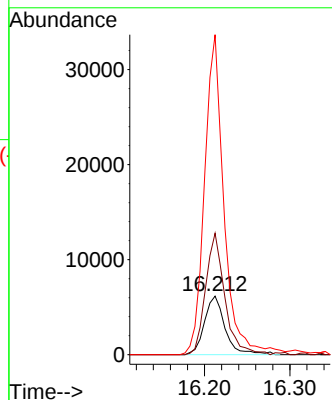
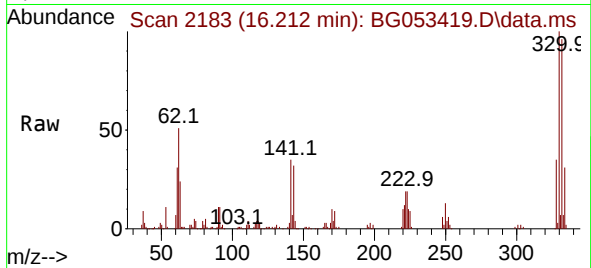




#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 16.212 min Scan# 2118
Delta R.T. -0.443 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

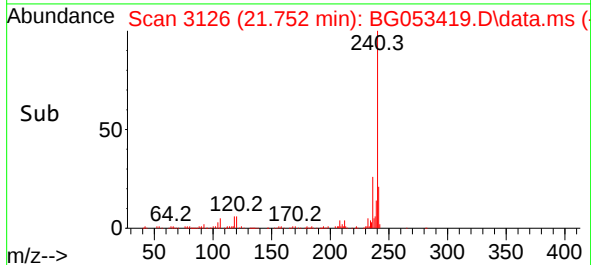
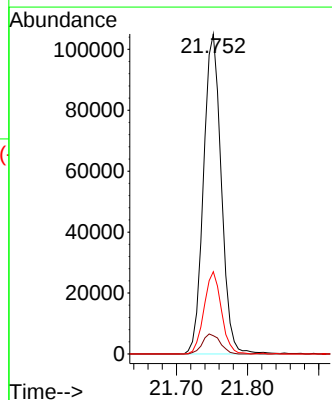
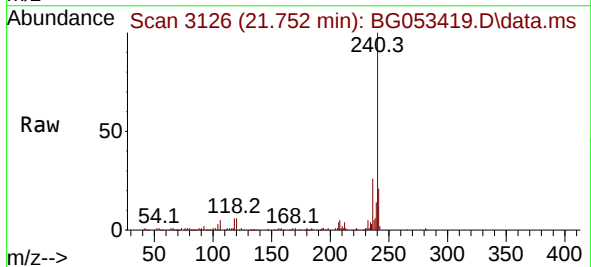
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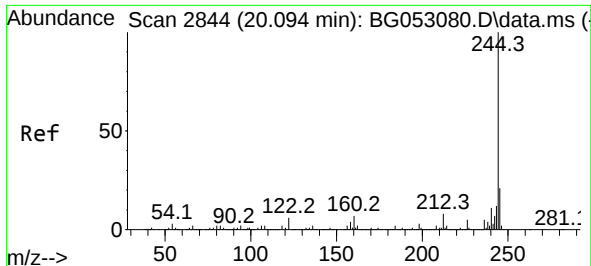
Tgt Ion:248 Resp: 10363
Ion Ratio Lower Upper
248 100
250 207.4 77.9 116.9#
141 546.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG053419.D
Acq: 3 May 2022 16:13

Tgt Ion:240 Resp: 182527
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.7 19.8 29.6

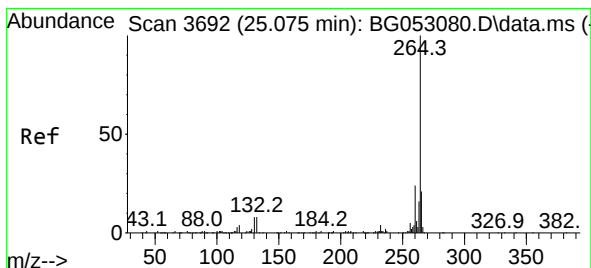
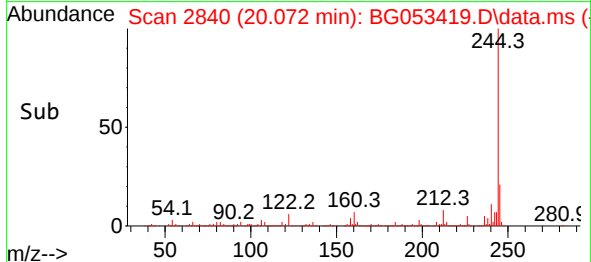
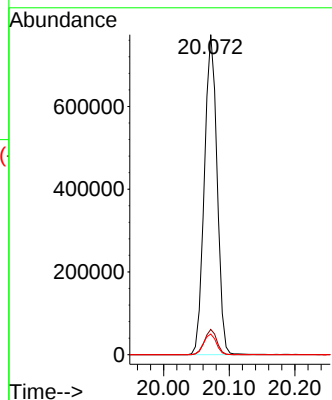
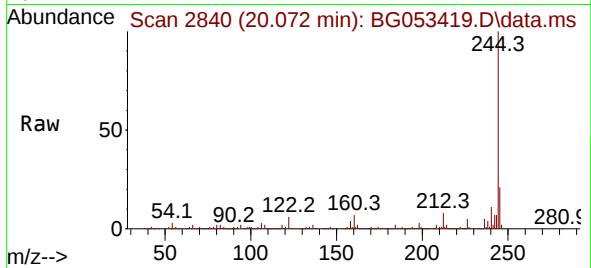




#79
 Terphenyl-d14
 Concen: 96.626 ng
 RT: 20.072 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053419.D
 Acq: 3 May 2022 16:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Tgt Ion:244 Resp: 1044278
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.041 min Scan# 3686
 Delta R.T. -0.002 min
 Lab File: BG053419.D
 Acq: 3 May 2022 16:13

Tgt Ion:264 Resp: 183802
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.2 27.2
 265 20.8 15.1 22.7

