

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062221\
 Data File : BG049055.D
 Acq On : 23 Jun 2021 00:46
 Operator : CG/JU
 Sample : M2746-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEW-DORP-2

Quant Time: Jun 23 06:40:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 12:04:50 2021
 Response via : Initial Calibration

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

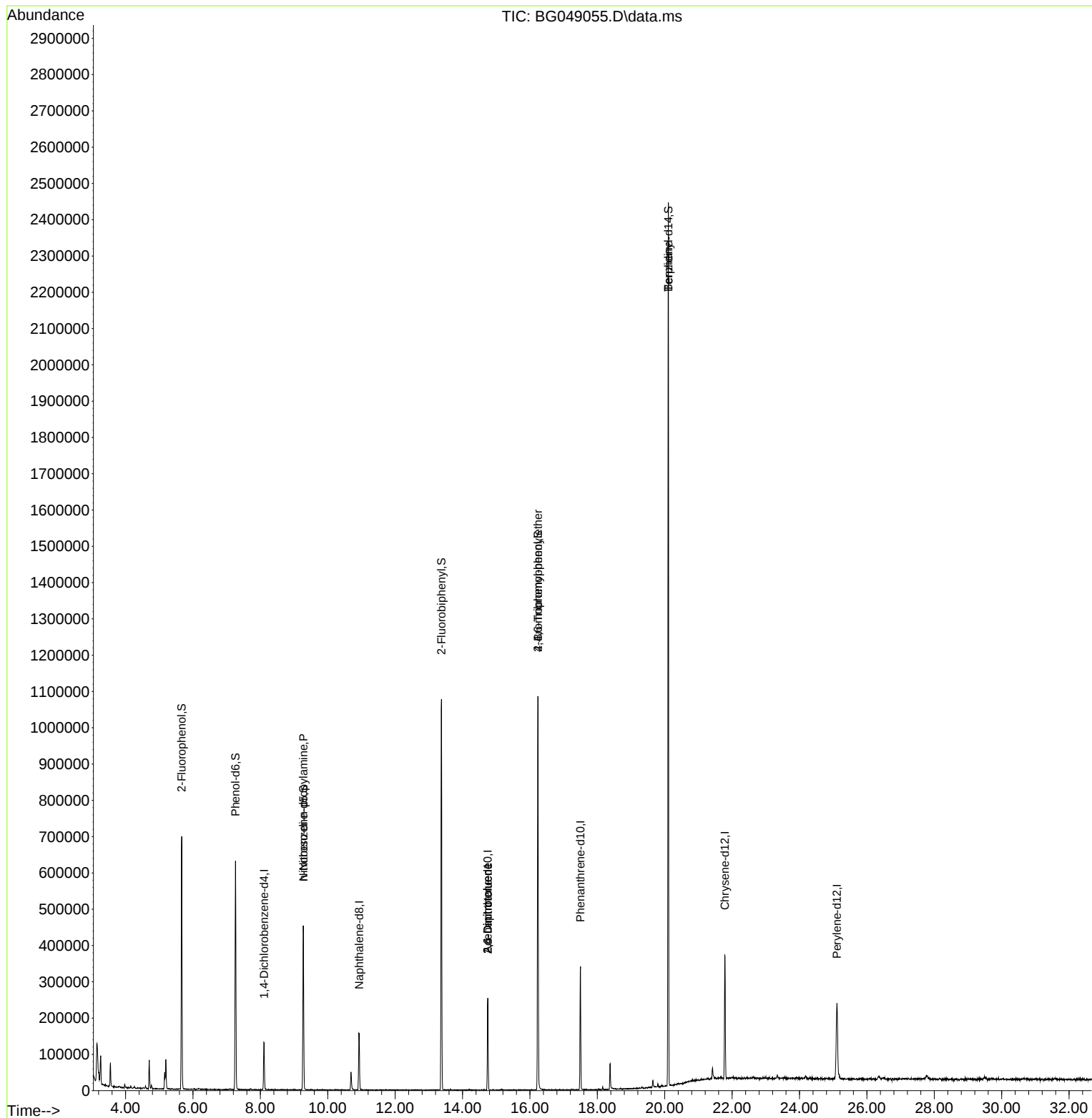
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	34593	20.00	ng	0.00
21) Naphthalene-d8	10.931	136	129837	20.00	ng	# 0.00
39) Acenaphthene-d10	14.750	164	93344	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	218293	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	232878	20.00	ng	-0.01
86) Perylene-d12	25.109	264	242696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	268472	120.81	ng	0.00
7) Phenol-d6	7.265	99	316455	95.01	ng	0.00
23) Nitrobenzene-d5	9.274	82	270616	89.87	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	213914	154.68	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	560859	84.88	ng	0.00
79) Terphenyl-d14	20.109	244	1166254	91.72	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	41950	16.11	ng	# 73
51) 2,6-Dinitrotoluene	14.750	165	12581	8.50	ng	# 13
57) 2,4-Dinitrotoluene	14.750	165	12581	6.92	ng	# 18
67) 4-Bromophenyl-phenylether	16.237	248	14015	5.14	ng	# 1
77) Benzidine	20.109	184	21700	4.63	ng	# 85

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

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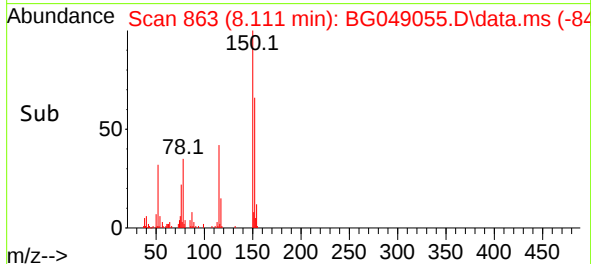
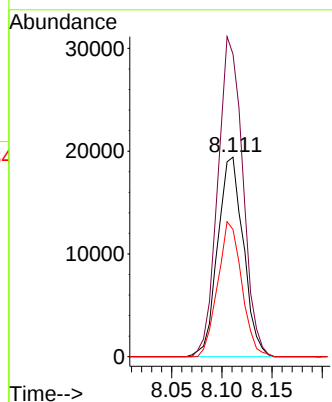
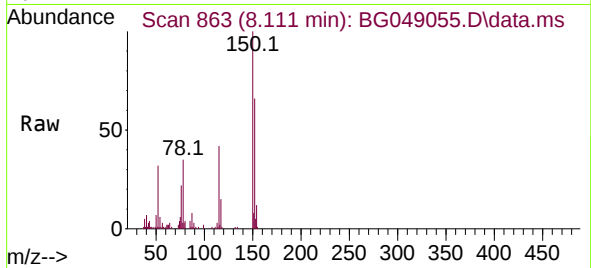




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.111 min Scan# 863
Delta R.T. -0.003 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

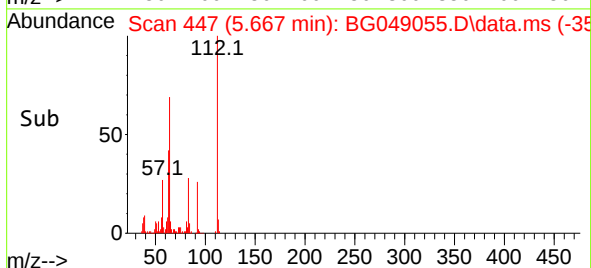
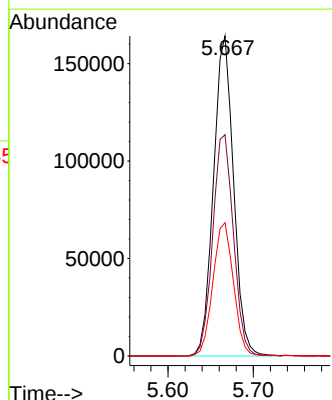
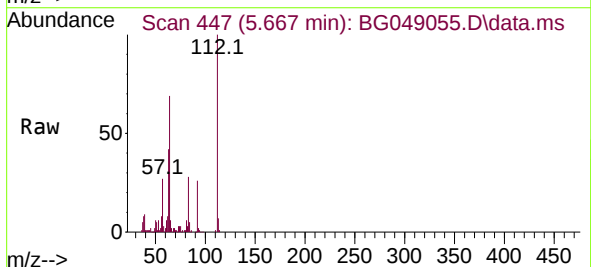
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

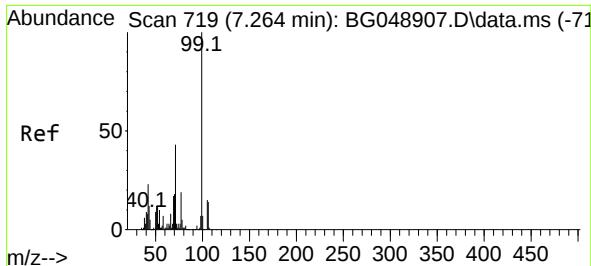
Tgt Ion:152 Resp: 34593
Ion Ratio Lower Upper
152 100
150 151.6 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 120.81 ng
RT: 5.667 min Scan# 447
Delta R.T. 0.003 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:112 Resp: 268472
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 41.6 35.3 52.9

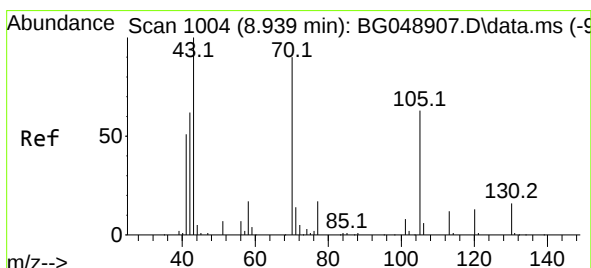
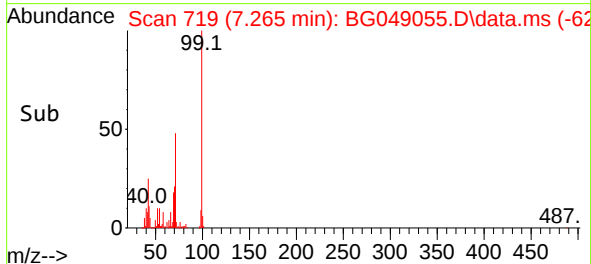
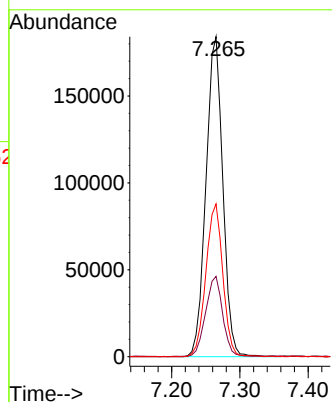
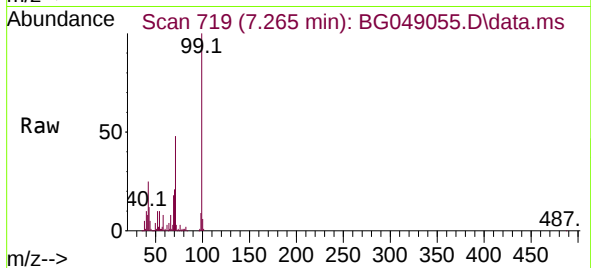




#7
Phenol-d6
Concen: 95.01 ng
RT: 7.265 min Scan# 719
Delta R.T. -0.003 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

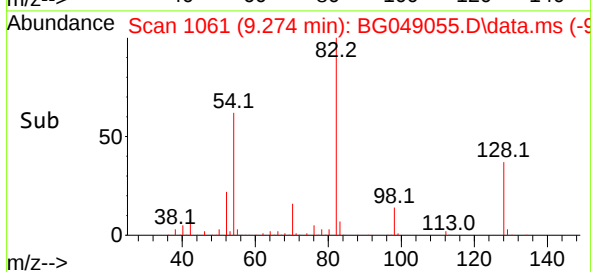
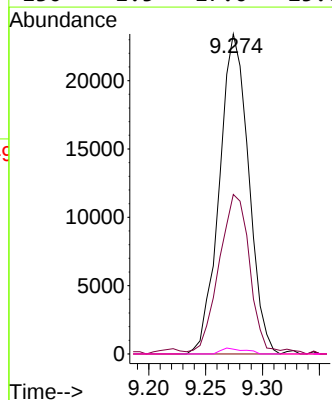
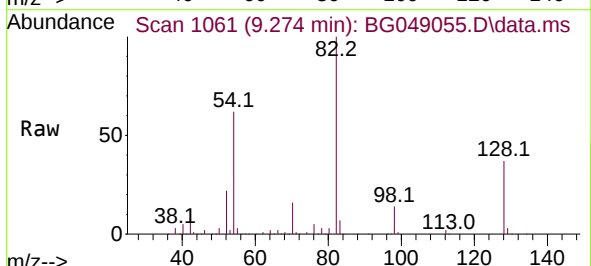
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

Tgt Ion:	99	Resp:	316455
Ion	Ratio	Lower	Upper
99	100		
42	25.1	20.5	30.7
71	47.7	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:	70	Resp:	41950
Ion	Ratio	Lower	Upper
70	100		
42	49.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#

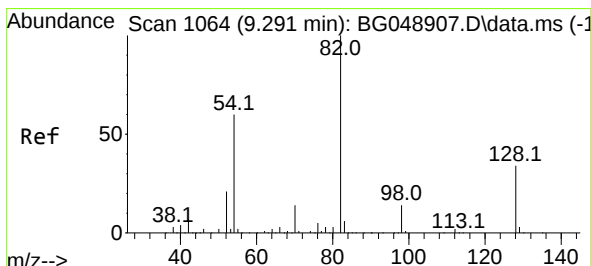
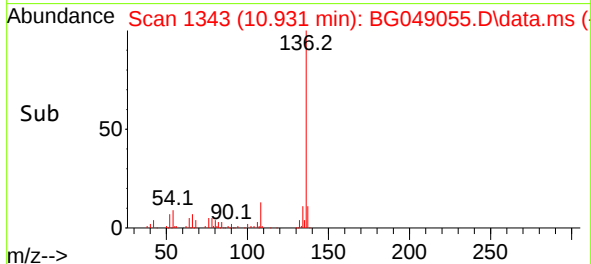
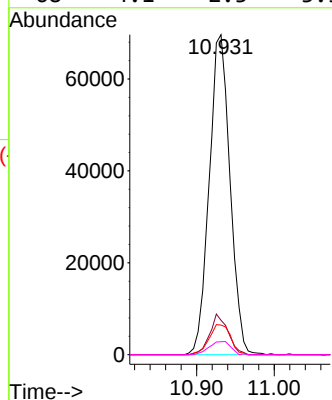
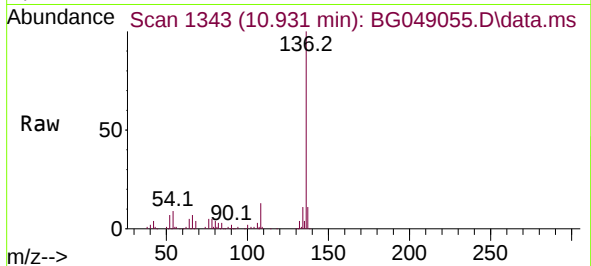




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.931 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

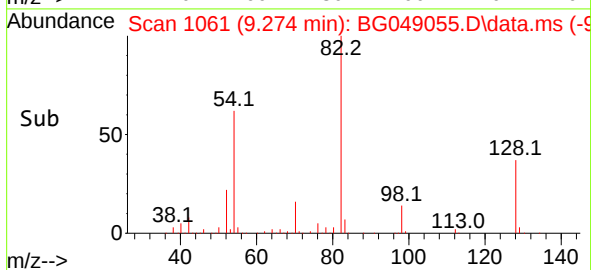
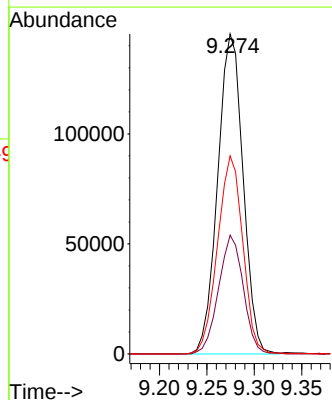
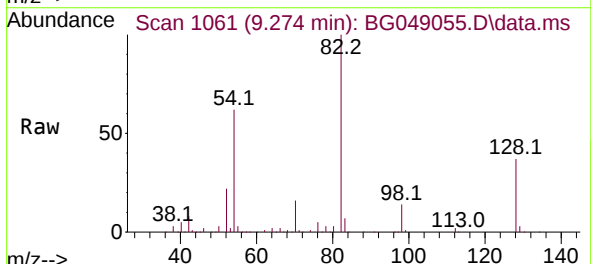
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

Tgt Ion:	136	Resp:	129837
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.2
54	9.2	5.5	8.3#
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 89.87 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:	82	Resp:	270616
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.8	44.6
54	61.9	45.8	68.8

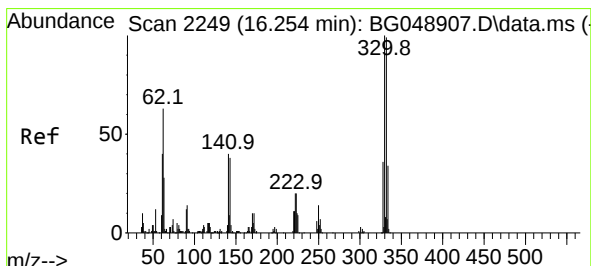
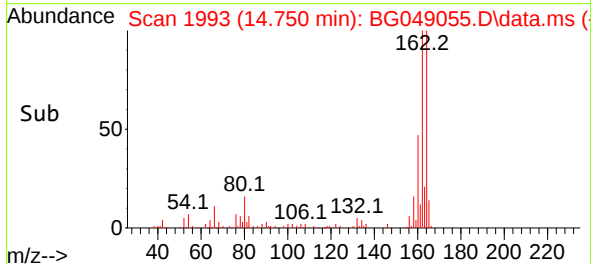
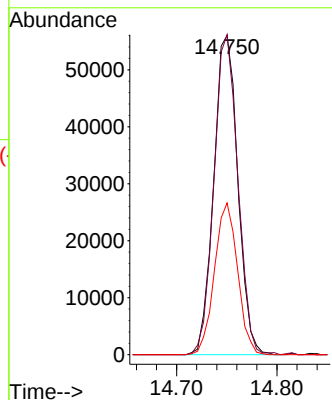
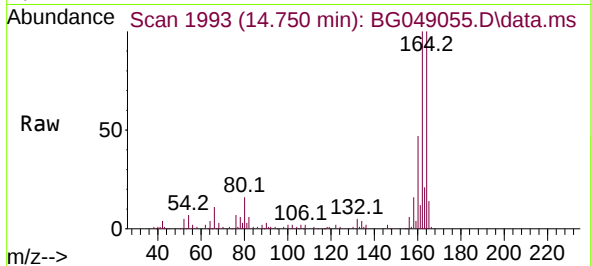




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

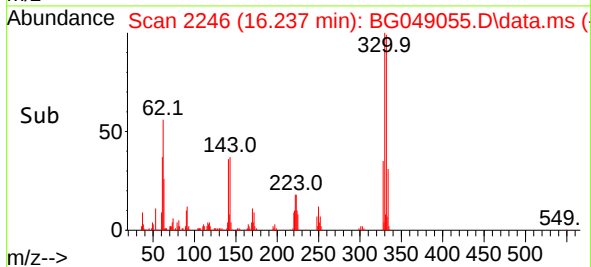
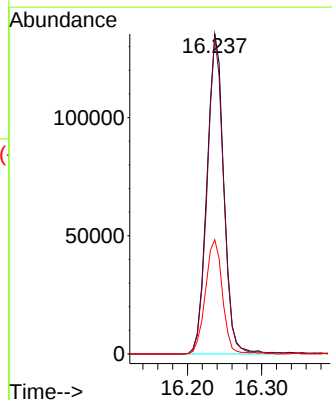
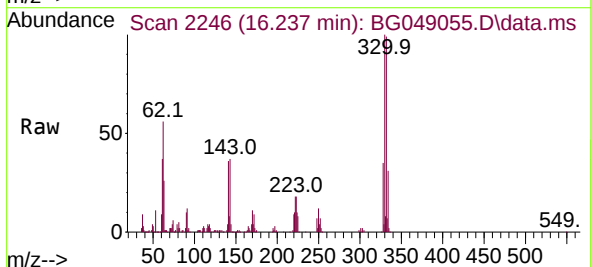
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

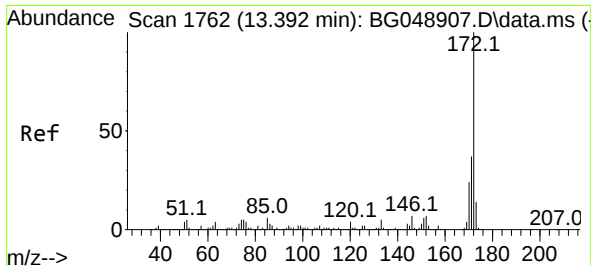
Tgt Ion:164 Resp: 93344
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 47.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 154.68 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:330 Resp: 213914
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 36.2 35.6 53.4

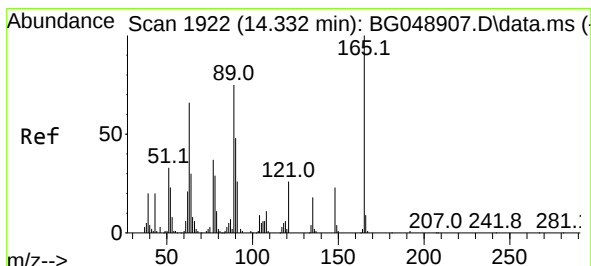
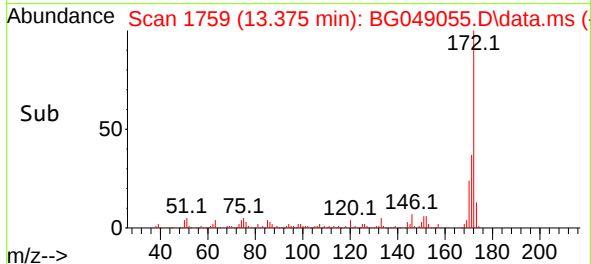
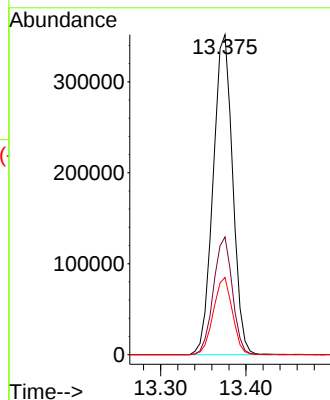
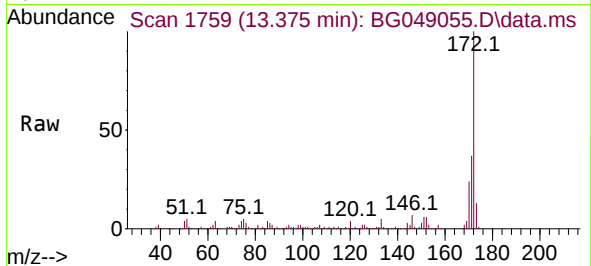




#45
2-Fluorobiphenyl
Concen: 84.88 ng
RT: 13.375 min Scan# 1759
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

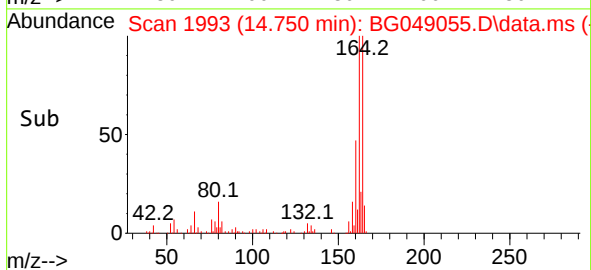
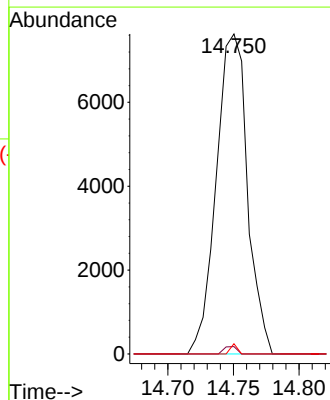
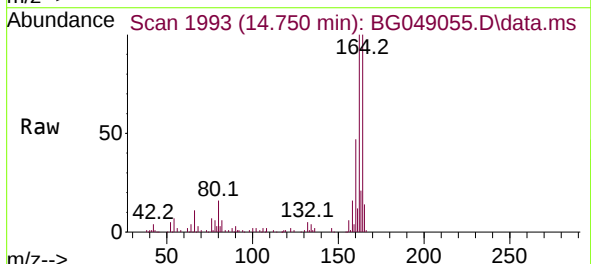
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

Tgt Ion:172	Resp: 560859
Ion Ratio	Lower Upper
172	100
171	36.8 28.6 43.0
170	24.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 14.750 min Scan# 1993
Delta R.T. 0.426 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

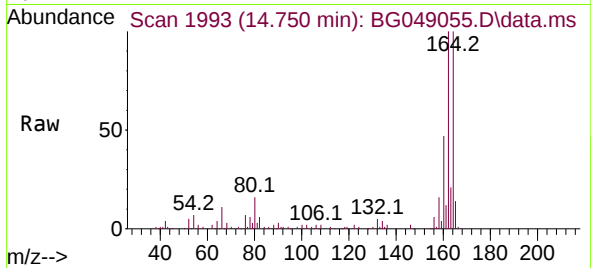
Tgt Ion:165	Resp: 12581
Ion Ratio	Lower Upper
165	100
63	2.3 63.3 94.9#
89	3.2 63.4 95.0#



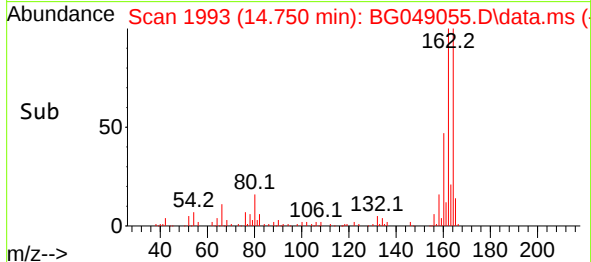
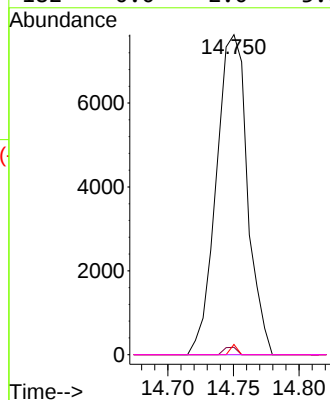


#57
2,4-Dinitrotoluene
Concen: 6.92 ng
RT: 14.750 min Scan# 1993
Delta R.T. -0.361 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

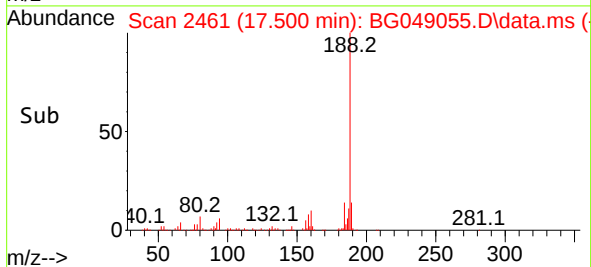
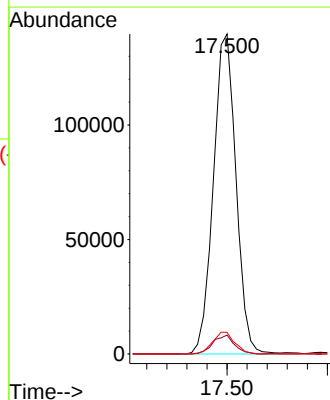
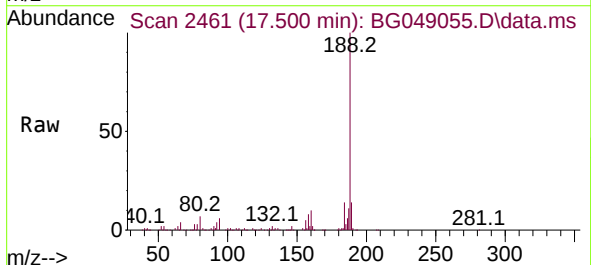


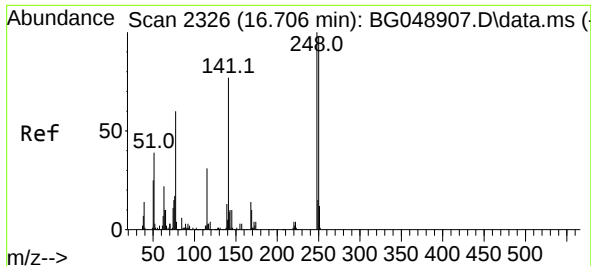
Tgt Ion:165 Resp: 12581
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 3.2 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:188 Resp: 218293
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.8 3.7 5.5#

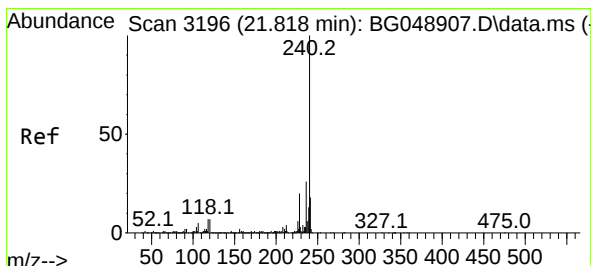
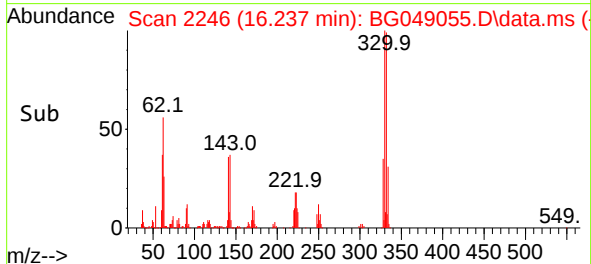
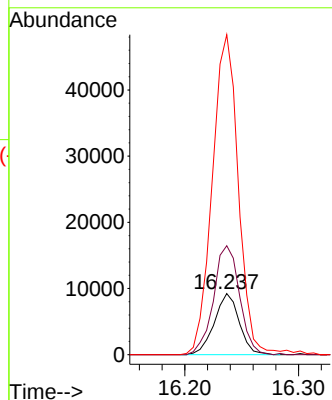
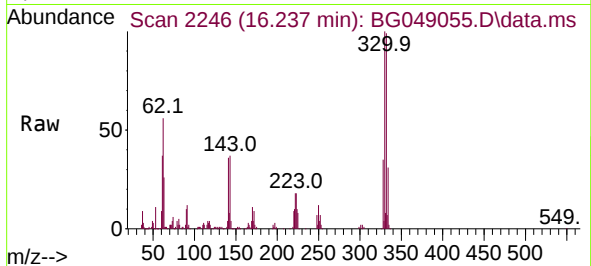




#67
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 16.237 min Scan# 2246
Delta R.T. -0.455 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

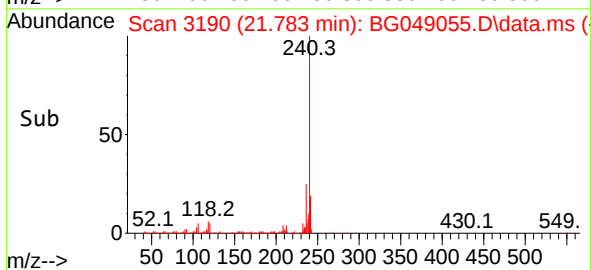
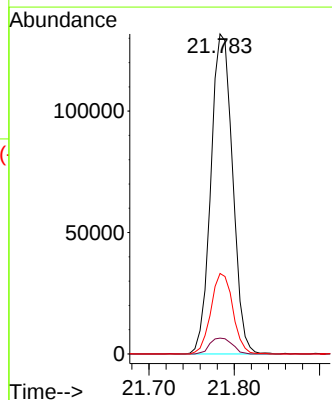
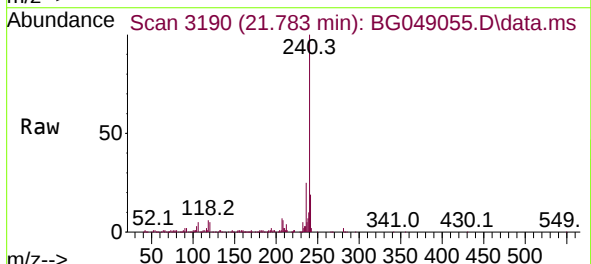
Instrument :
BNA_G
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NEW-DORP-2

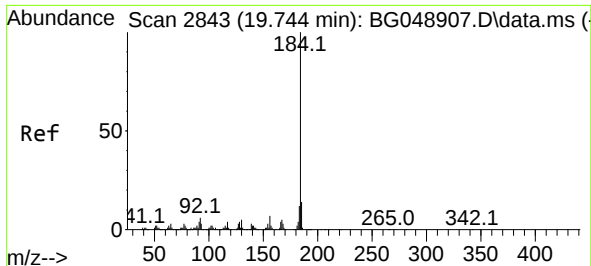
Tgt Ion	Ratio	Lower	Upper
248	100		
250	178.5	76.1	114.1#
141	524.1	65.4	98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.014 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.2	6.2
236	25.2	21.8	32.6

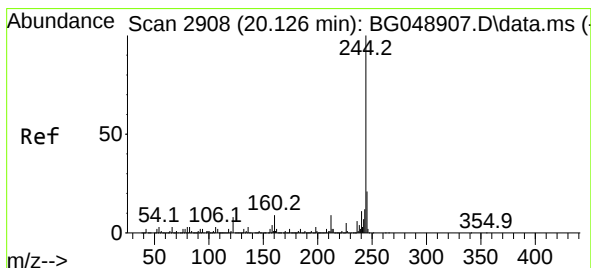
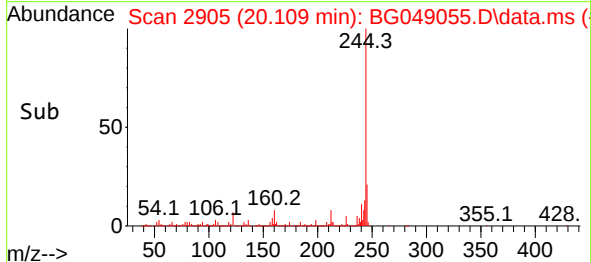
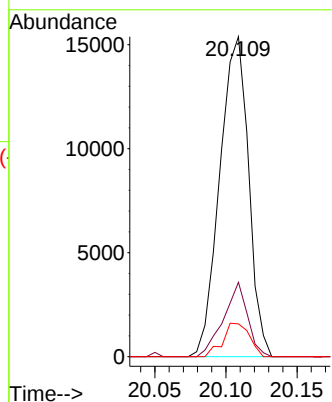
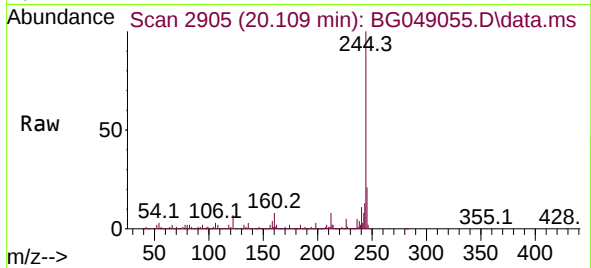




#77
Benzidine
Concen: 4.63 ng
RT: 20.109 min Scan# 2905
Delta R.T. 0.379 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

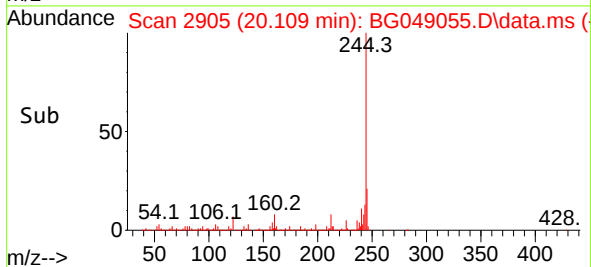
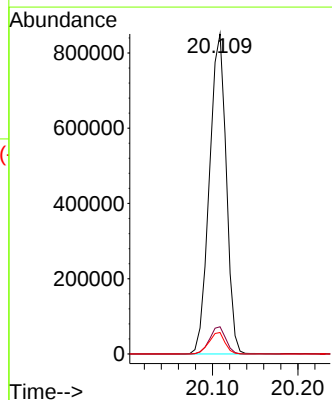
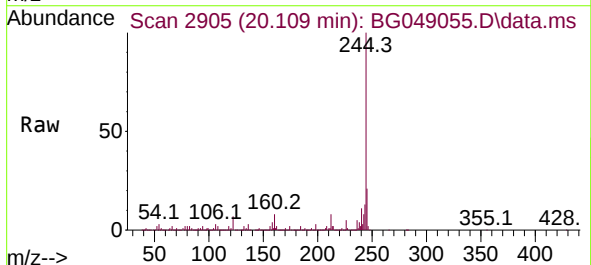
Instrument :
BNA_G
ClientSampleId :
NEW-DORP-2

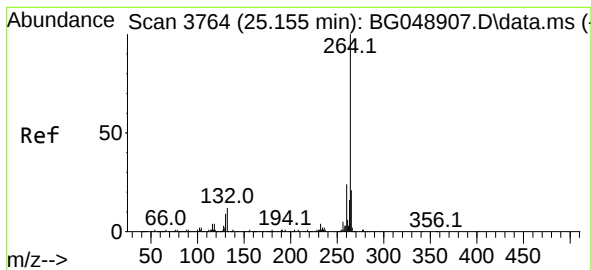
Tgt Ion:184 Resp: 21700
Ion Ratio Lower Upper
184 100
185 23.2 10.7 16.1#
183 10.2 9.4 14.0



#79
Terphenyl-d14
Concen: 91.72 ng
RT: 20.109 min Scan# 2905
Delta R.T. -0.003 min
Lab File: BG049055.D
Acq: 23 Jun 2021 00:46

Tgt Ion:244 Resp: 1166254
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.109 min Scan# 3756
 Delta R.T. -0.020 min
 Lab File: BG049055.D
 Acq: 23 Jun 2021 00:46

Instrument :
 BNA_G
 ClientSampleId :
 NEW-DORP-2

Tgt Ion:264 Resp: 242696
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 20.8 16.9 25.3

