

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049095.D
 Acq On : 25 Jun 2021 18:00
 Operator : CG/JU
 Sample : M2846-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-4-FEET-TP

Quant Time: Jun 26 01:32:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

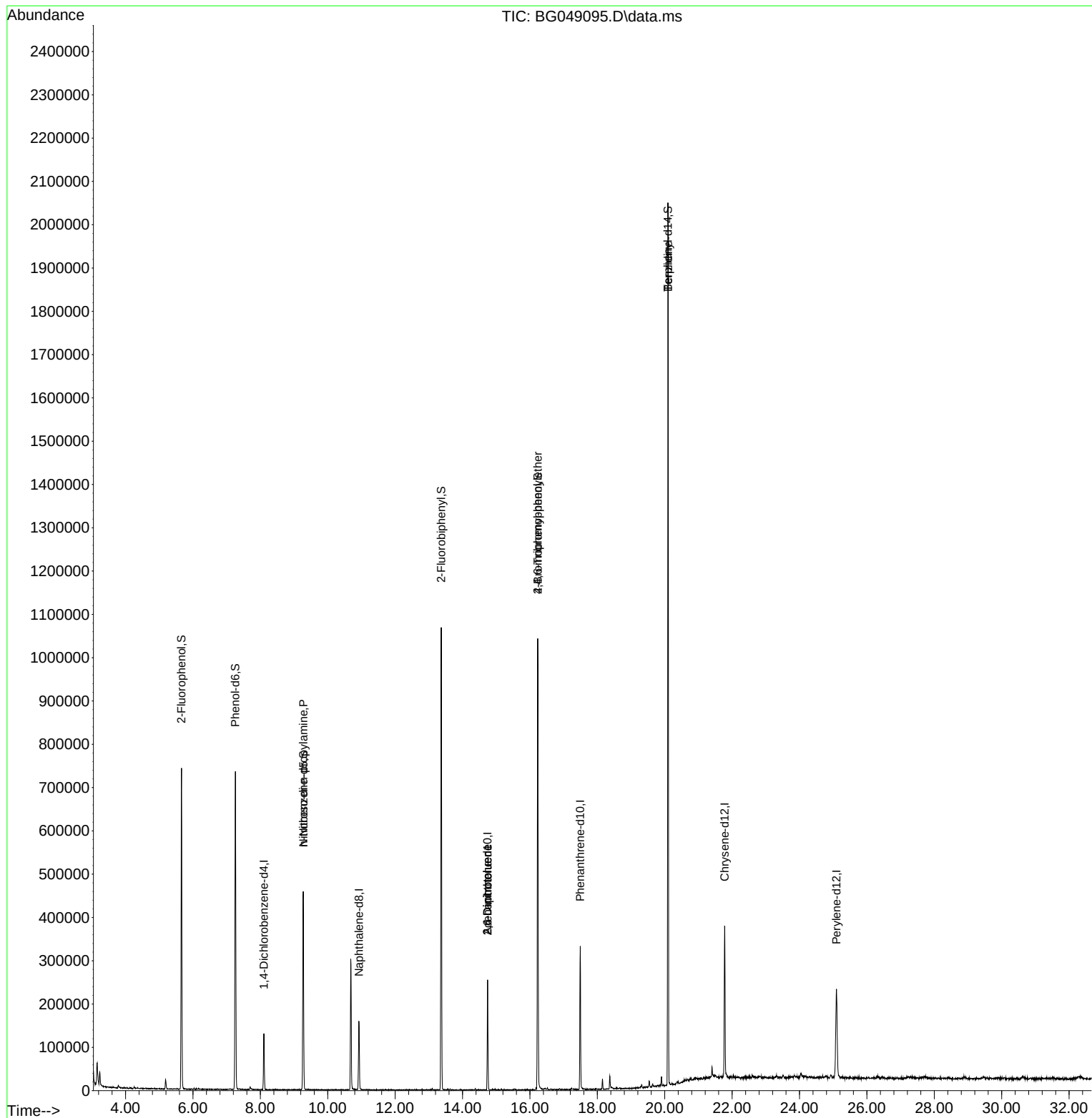
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	32811	20.000	ng	# 0.00
21) Naphthalene-d8	10.925	136	127734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	89693	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	210945	20.000	ng	# 0.00
76) Chrysene-d12	21.777	240	227759	20.000	ng	-0.01
86) Perylene-d12	25.096	264	233195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	294943	139.932	ng	0.00
7) Phenol-d6	7.259	99	373888	118.352	ng	0.00
23) Nitrobenzene-d5	9.274	82	278509	94.018	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	210063	158.078	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	554406	87.319	ng	0.00
79) Terphenyl-d14	20.096	244	1006269	80.914	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.274	70	40677	16.473	ng	# 74
51) 2,6-Dinitrotoluene	14.744	165	12165	8.550	ng	# 11
57) 2,4-Dinitrotoluene	14.744	165	12165	6.961	ng	# 16
67) 4-Bromophenyl-phenylether	16.230	248	13980	5.308	ng	# 1
77) Benzidine	20.102	184	19069	4.156	ng	# 93

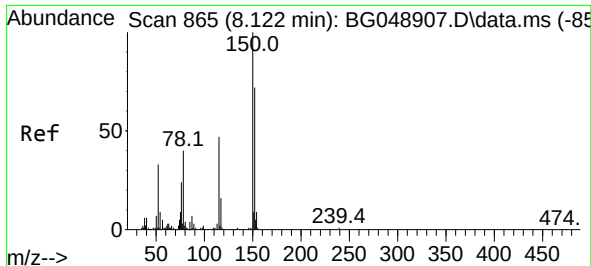
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

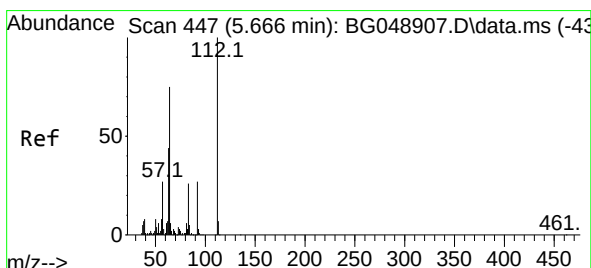
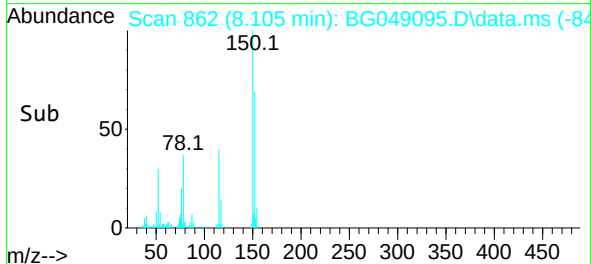
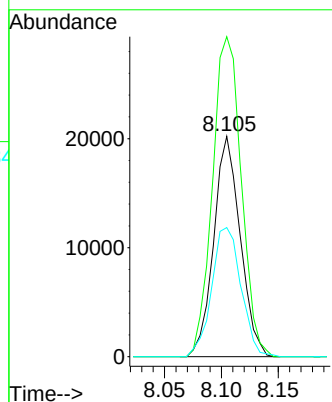
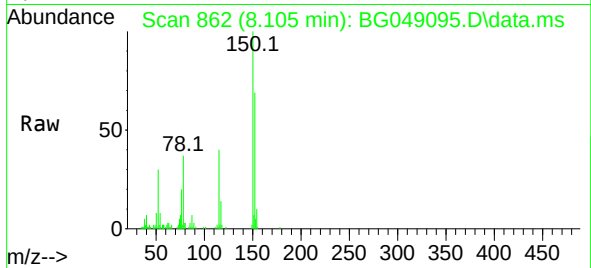




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 862
Delta R.T. -0.000 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

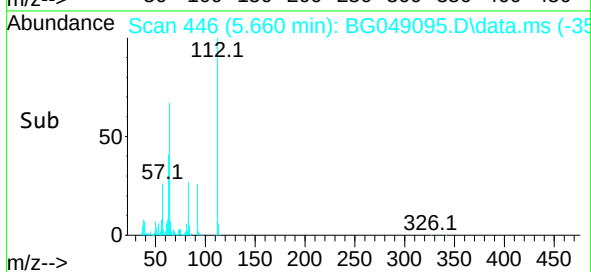
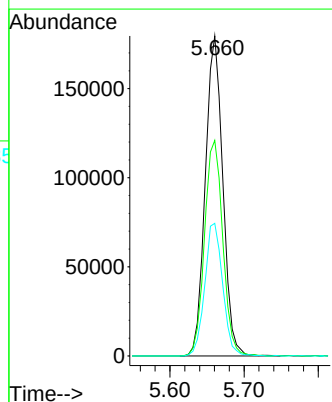
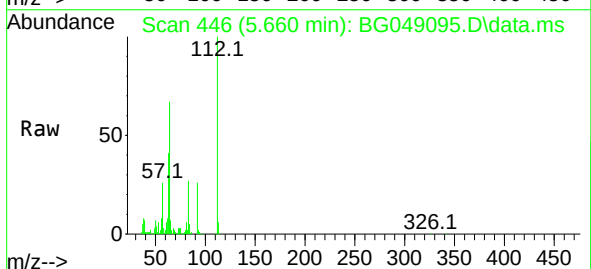
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

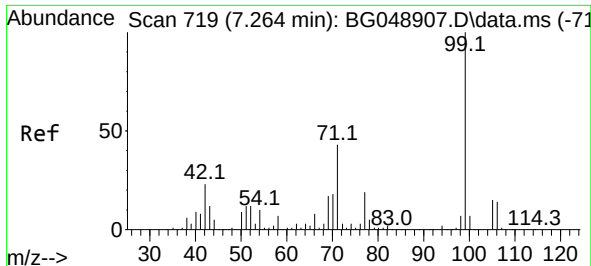
Tgt Ion:152 Resp: 32811
Ion Ratio Lower Upper
152 100
150 145.2 119.4 179.0
115 58.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 139.932 ng
RT: 5.660 min Scan# 446
Delta R.T. 0.005 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:112 Resp: 294943
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 41.5 35.3 52.9

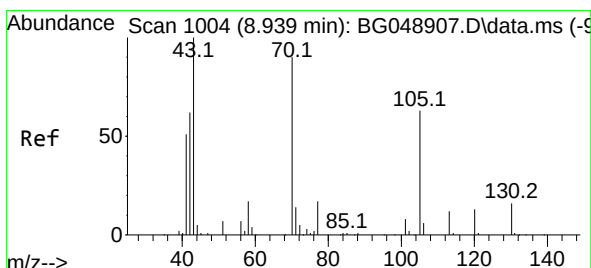
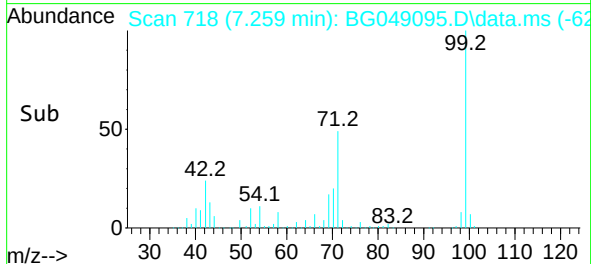
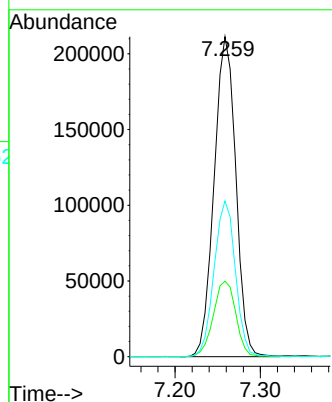
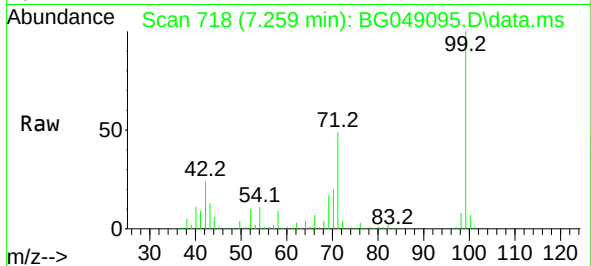




#7
Phenol-d6
Concen: 118.352 ng
RT: 7.259 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

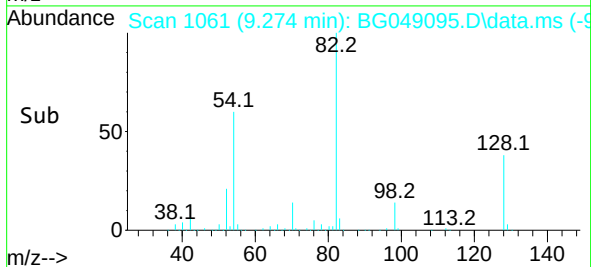
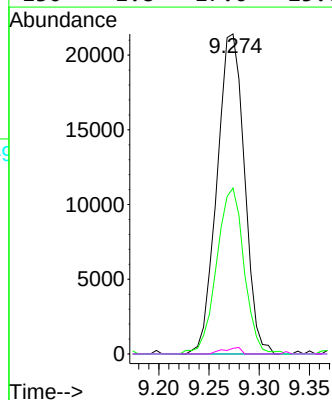
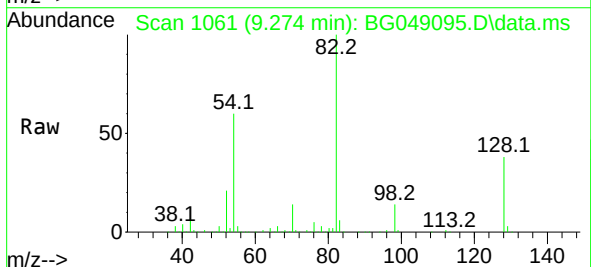
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

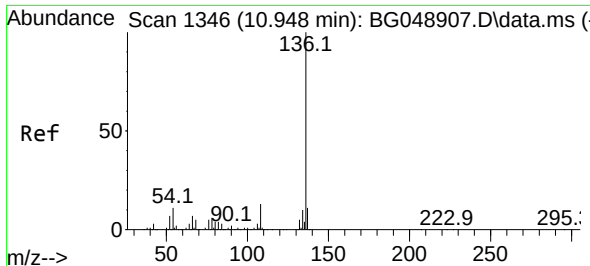
Tgt Ion: 99 Resp: 373888
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 48.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.473 ng
RT: 9.274 min Scan# 1061
Delta R.T. 0.363 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 70 Resp: 40677
Ion Ratio Lower Upper
70 100
42 51.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

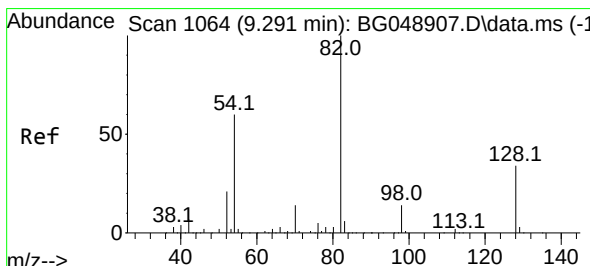
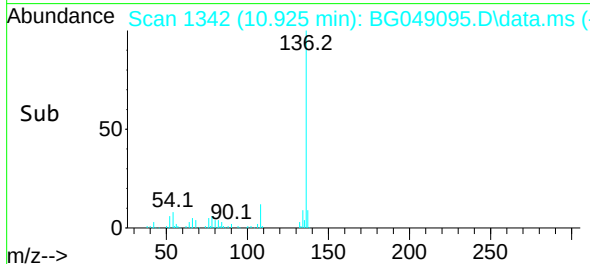
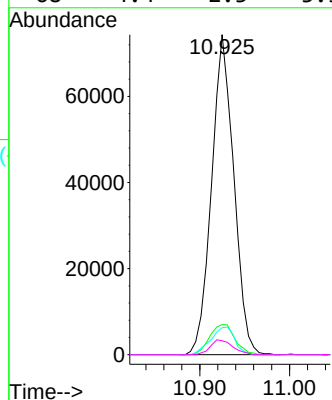
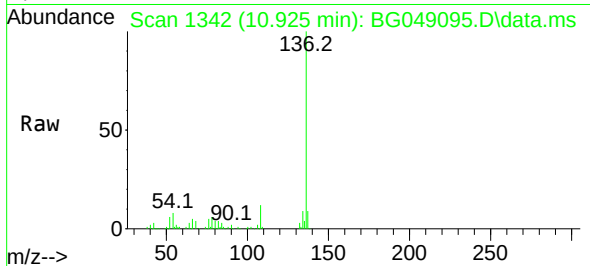




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

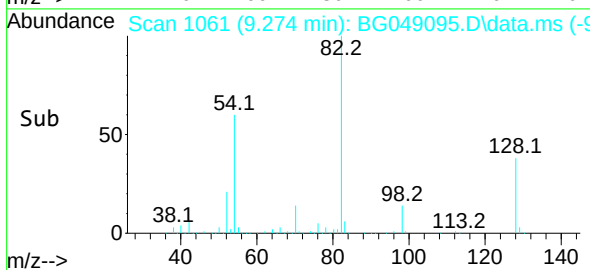
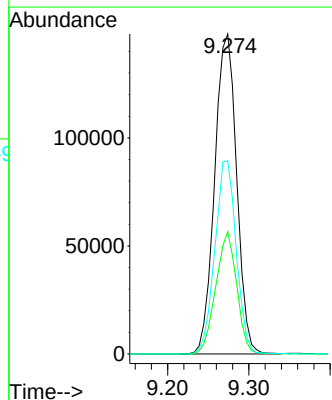
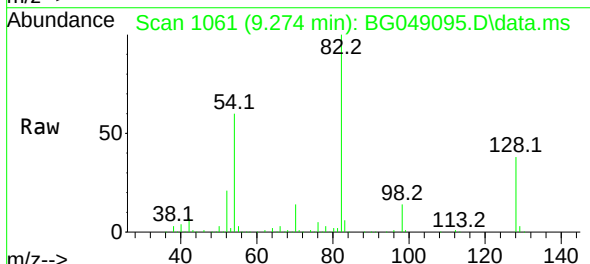
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

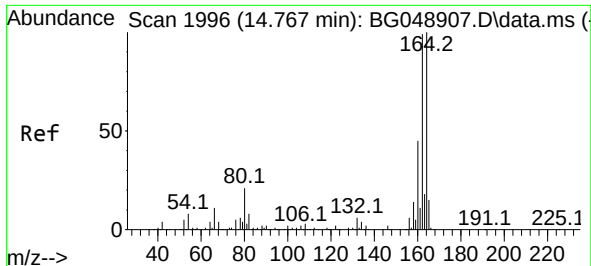
Tgt Ion:	136	Resp:	127734
Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.2	12.2
54	8.5	5.5	8.3#
68	4.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 94.018 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:	82	Resp:	278509
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.8	44.6
54	60.4	45.8	68.8

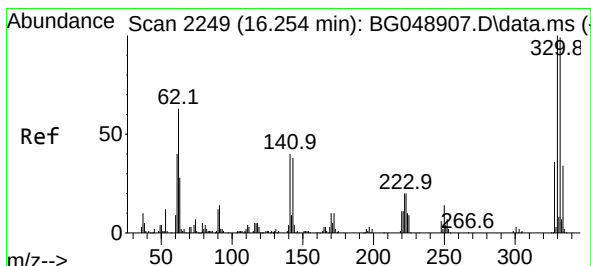
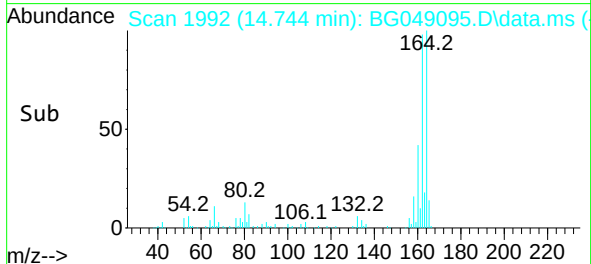
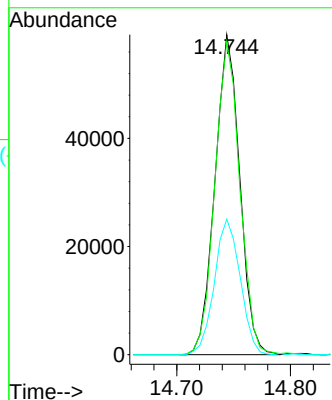
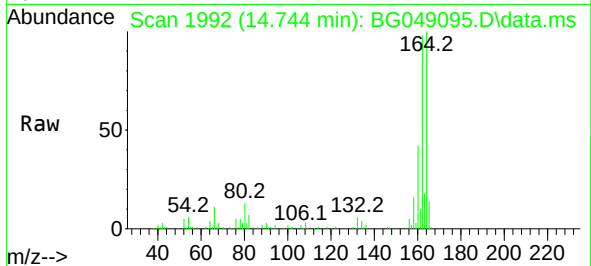




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

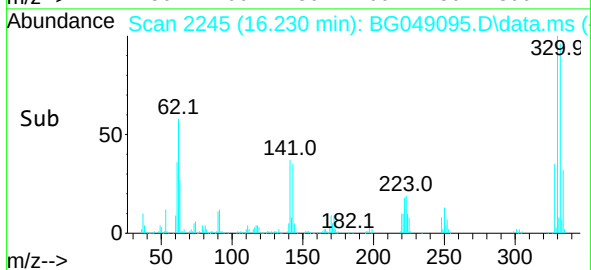
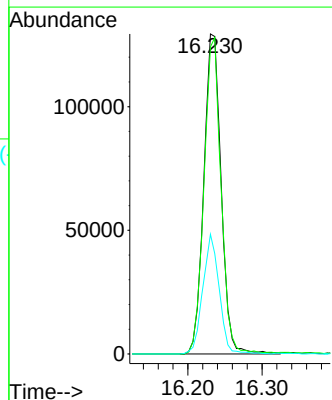
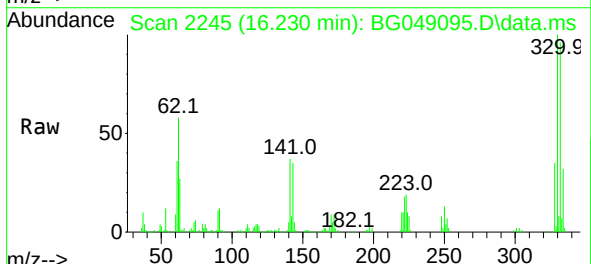
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

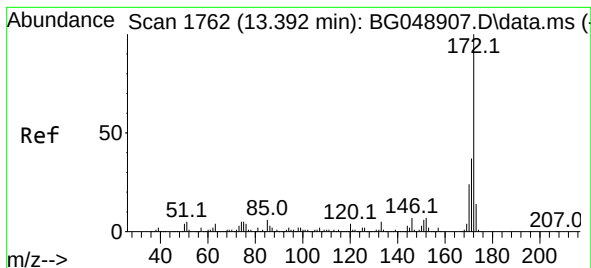
Tgt Ion:164 Resp: 89693
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 42.4 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 158.078 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.007 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

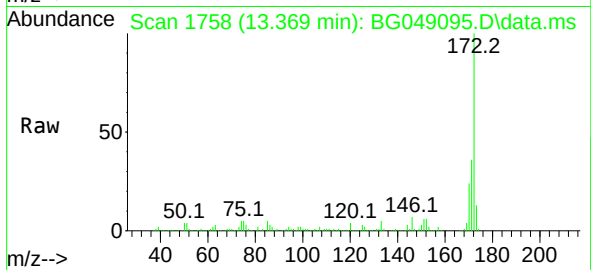
Tgt Ion:330 Resp: 210063
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 35.4 35.6 53.4#



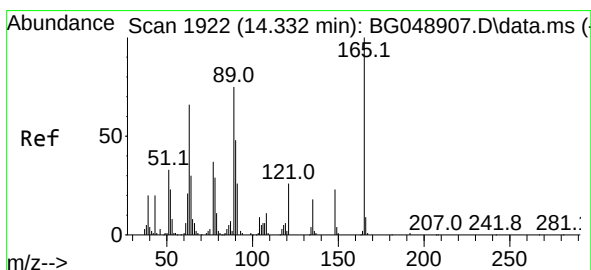
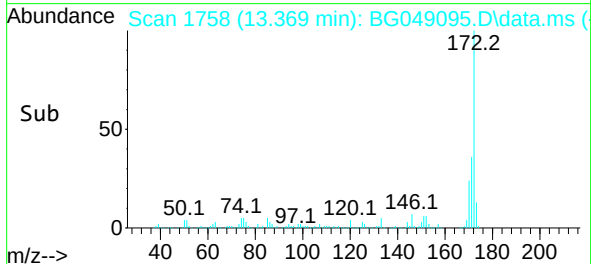
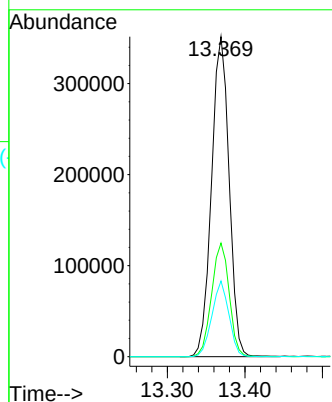


#45
2-Fluorobiphenyl
Concen: 87.319 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

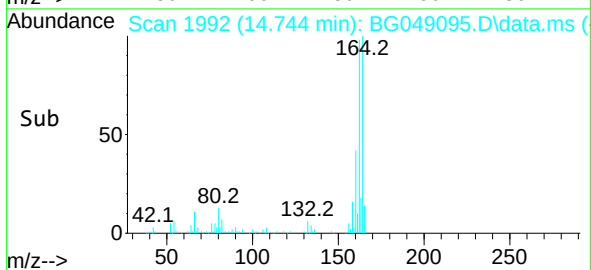
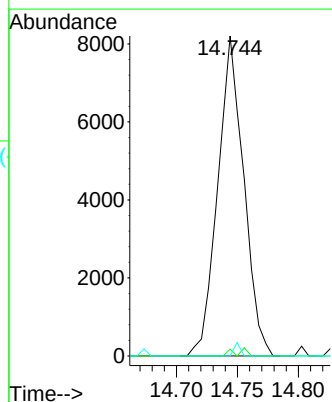
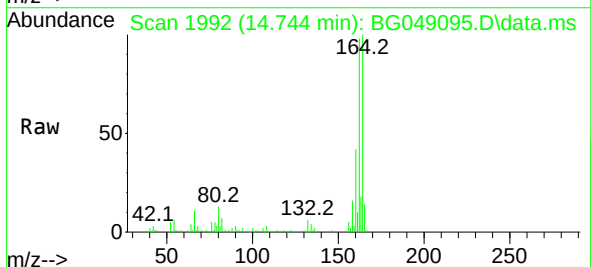


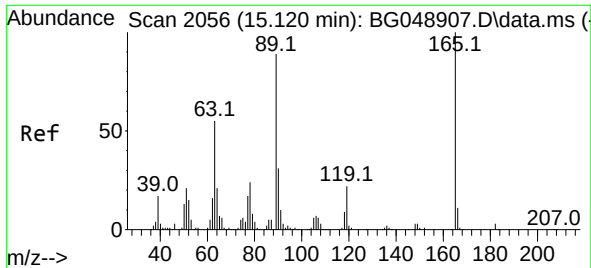
Tgt Ion:172 Resp: 554406
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.550 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.428 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:165 Resp: 12165
Ion Ratio Lower Upper
165 100
63 2.1 63.3 94.9#
89 0.0 63.4 95.0#

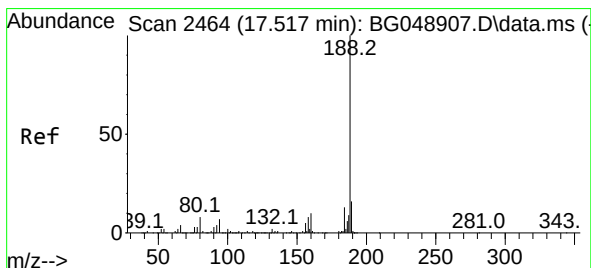
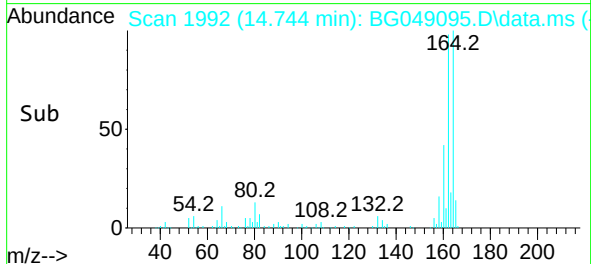
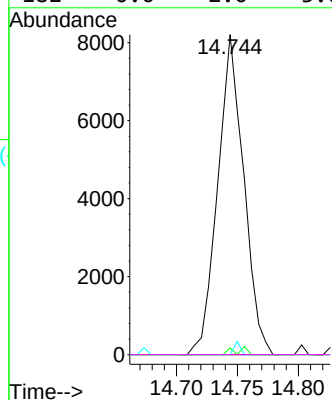
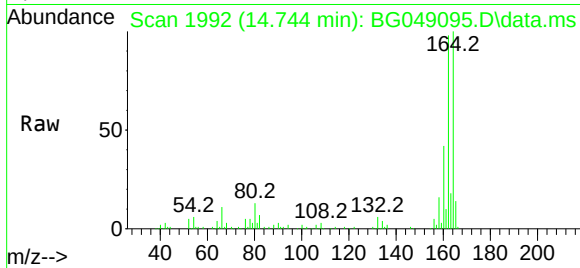




#57
2,4-Dinitrotoluene
Concen: 6.961 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.359 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

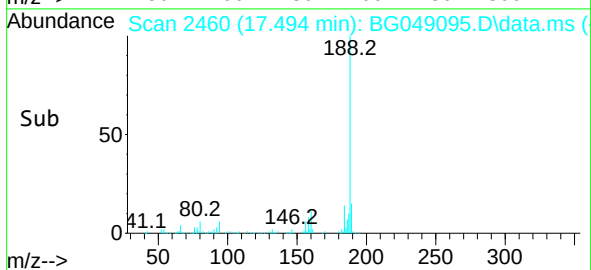
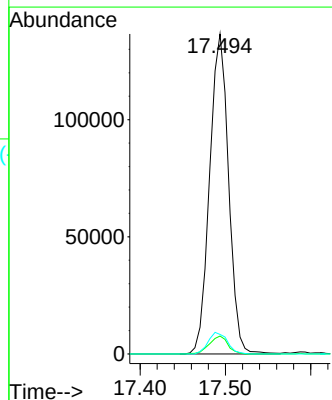
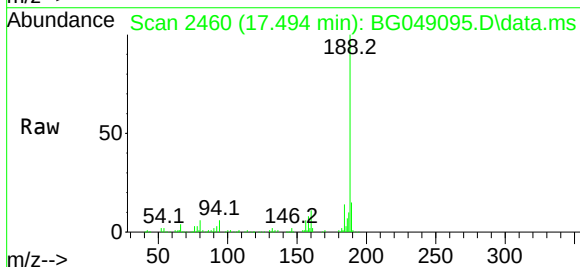
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

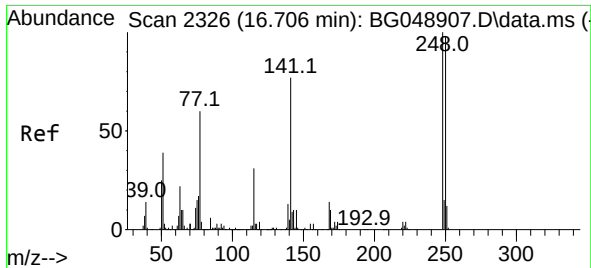
Tgt Ion:165	Resp:	12165
Ion Ratio	Lower	Upper
165	100	
63	2.1	48.0 72.0#
89	0.0	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:188	Resp:	210945
Ion Ratio	Lower	Upper
188	100	
94	5.6	5.4 8.0
80	6.1	3.7 5.5#

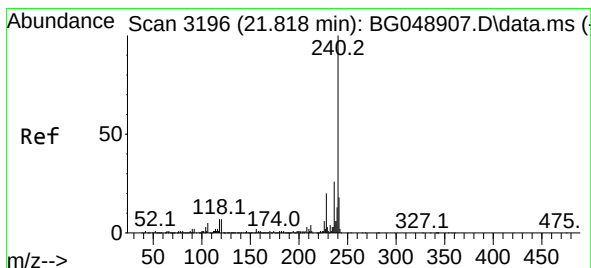
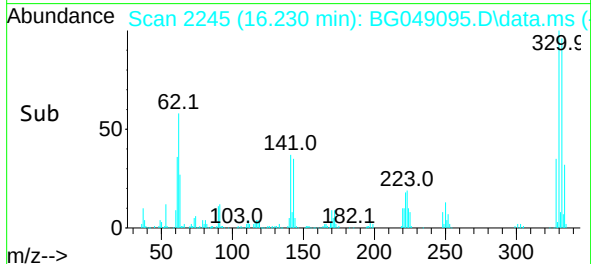
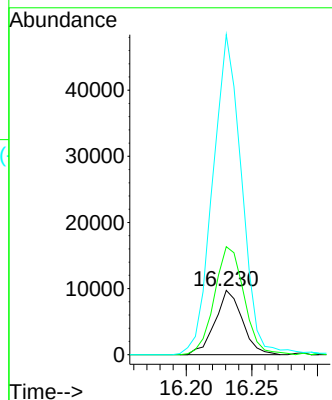
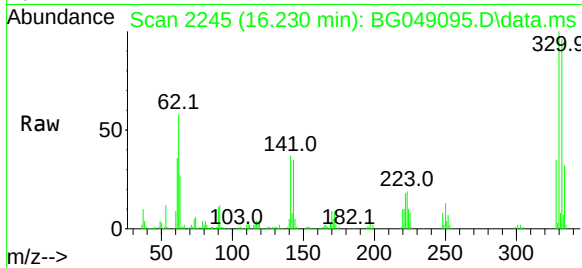




#67
4-Bromophenyl-phenylether
Concen: 5.308 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.453 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

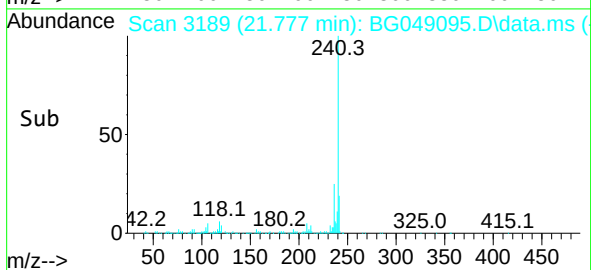
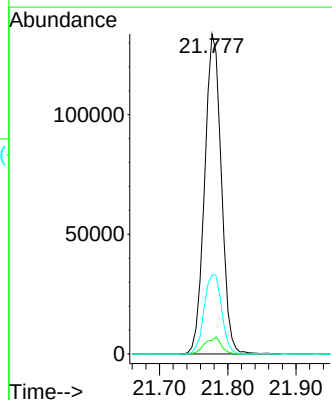
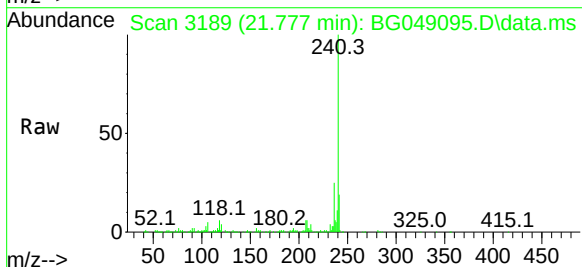
Instrument :
BNA_G
ClientSampled :
1-4-FEET-TP

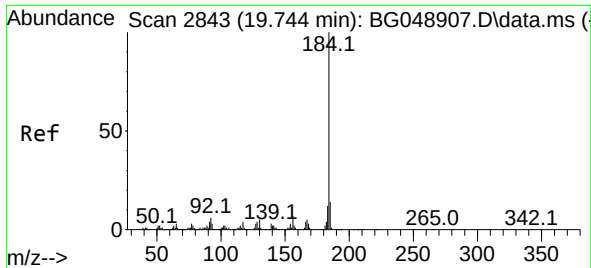
Tgt Ion:248 Resp: 13980
Ion Ratio Lower Upper
248 100
250 168.1 76.1 114.1#
141 497.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3189
Delta R.T. -0.013 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:240 Resp: 227759
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 24.8 21.8 32.6

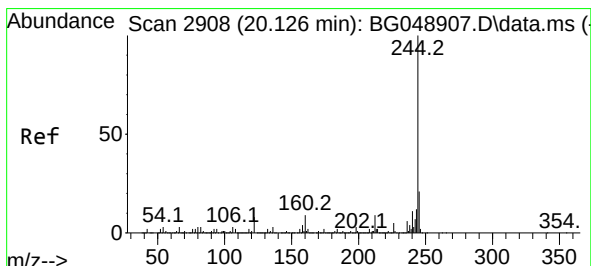
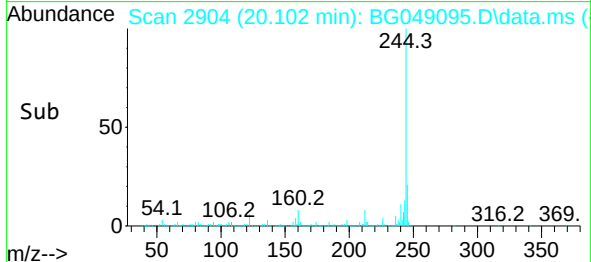
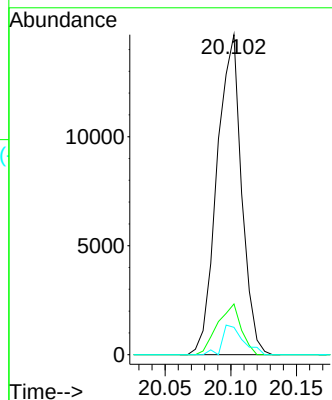
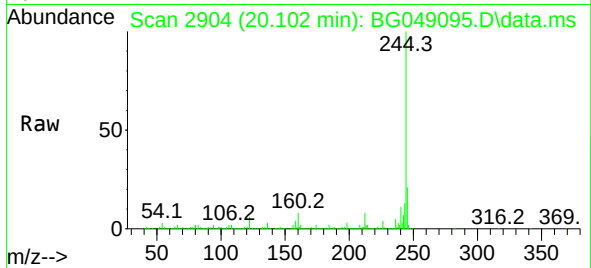




#77
Benzidine
Concen: 4.156 ng
RT: 20.102 min Scan# 2904
Delta R.T. 0.381 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

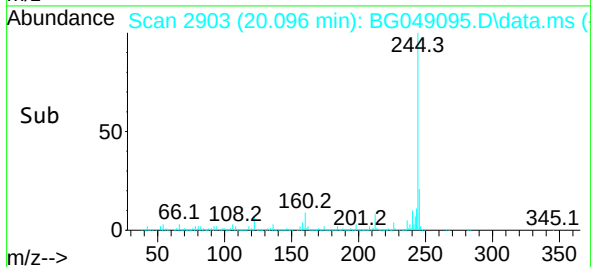
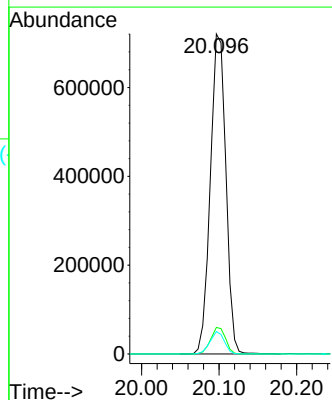
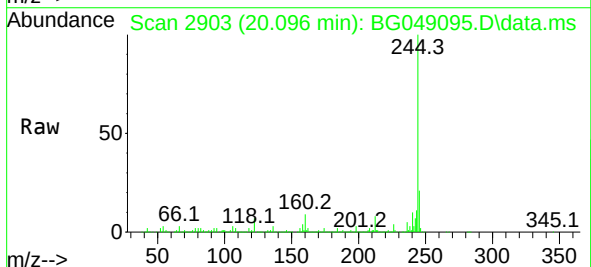
Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

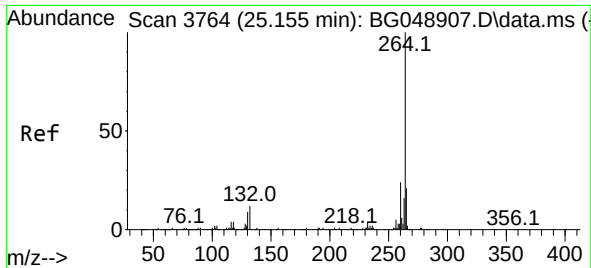
Tgt Ion:184 Resp: 19069
Ion Ratio Lower Upper
184 100
185 15.8 10.7 16.1
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.914 ng
RT: 20.096 min Scan# 2903
Delta R.T. -0.007 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Tgt Ion:244 Resp: 1006269
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 7.0 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.096 min Scan# 3754
Delta R.T. -0.007 min
Lab File: BG049095.D
Acq: 25 Jun 2021 18:00

Instrument :
BNA_G
ClientSampleId :
1-4-FEET-TP

Tgt Ion:264 Resp: 233195

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	20.5	16.9	25.3

