

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050626.D
 Acq On : 18 Oct 2021 20:56
 Operator : CG/JU
 Sample : M4242-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-COMP-(1-4)

Quant Time: Oct 19 02:36:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

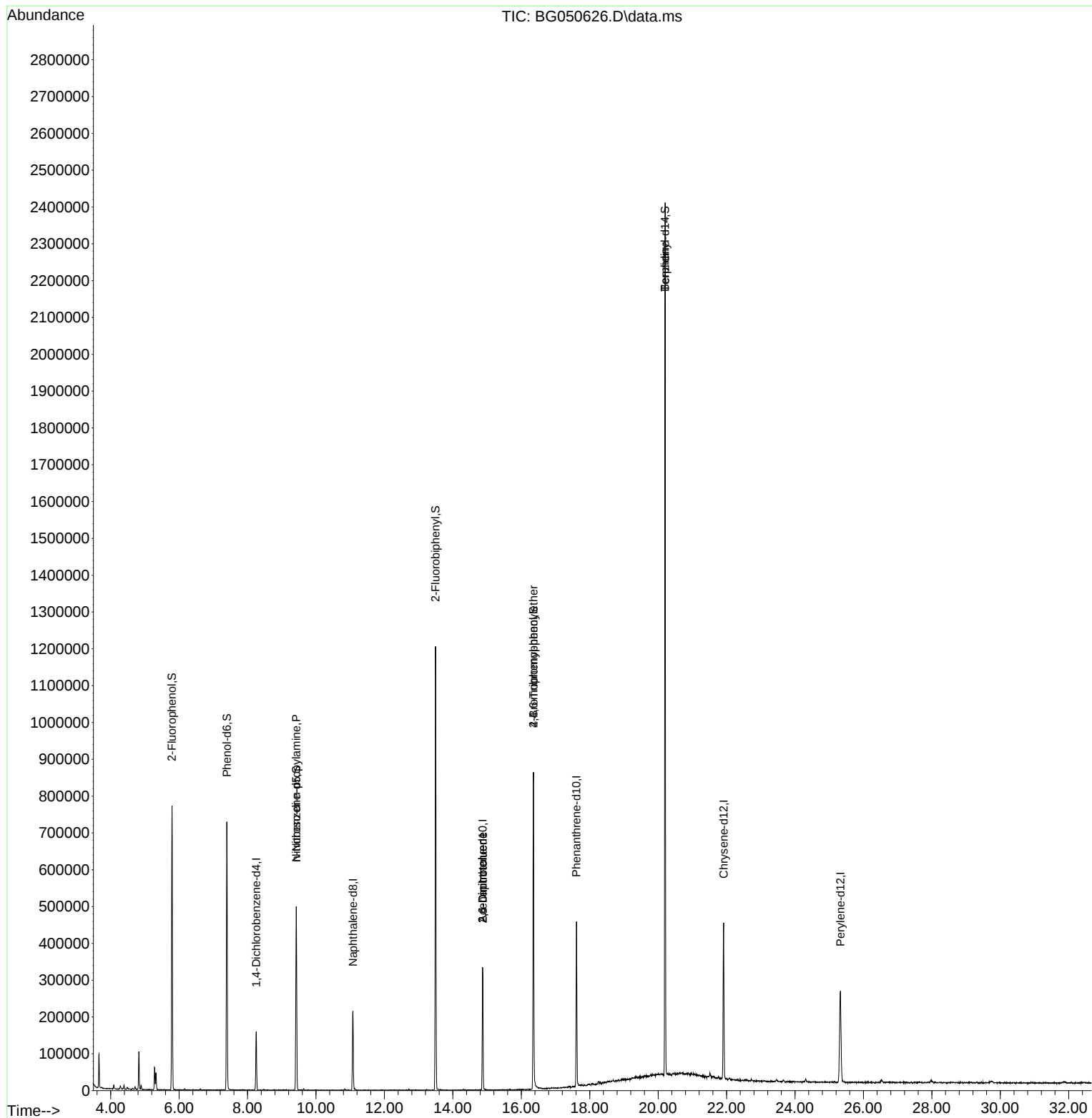
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	41121	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	174730	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	117048	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	275826	20.000	ng	# 0.00
76) Chrysene-d12	21.914	240	259028	20.000	ng	#-0.01
86) Perylene-d12	25.327	264	253025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	312396	113.616	ng	0.00
7) Phenol-d6	7.395	99	397288	99.798	ng	0.00
23) Nitrobenzene-d5	9.422	82	326734	77.407	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	135183	121.085	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	587158	75.498	ng	-0.01
79) Terphenyl-d14	20.204	244	1035330	77.894	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.401	77	960	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	46380	15.985	ng	# 69
51) 2,6-Dinitrotoluene	14.869	165	15387	8.683	ng	# 11
57) 2,4-Dinitrotoluene	14.869	165	15387	6.160	ng	# 16
67) 4-Bromophenyl-phenylether	16.355	248	11056	3.978	ng	# 1
77) Benzidine	20.204	184	21157	2.520	ng	# 91

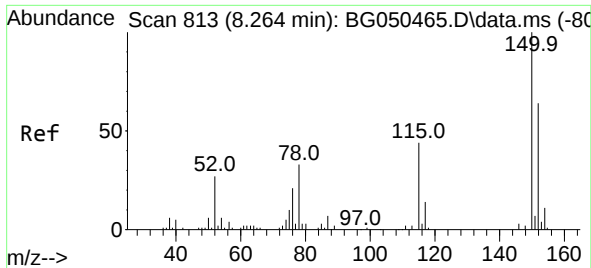
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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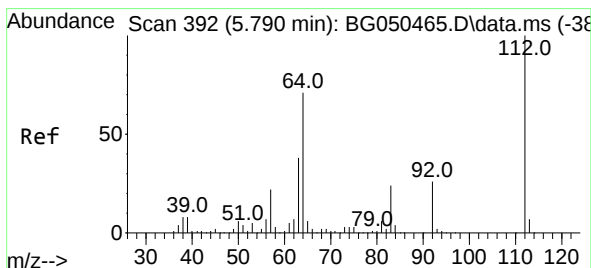
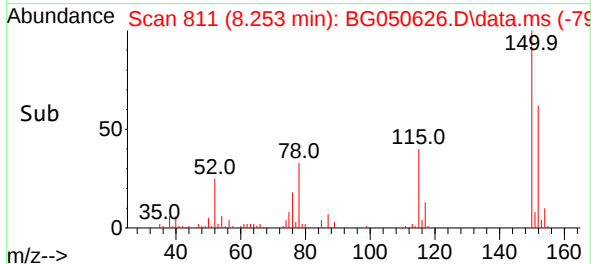
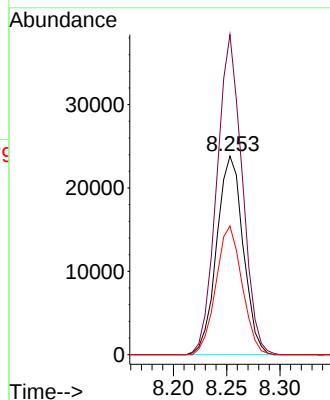
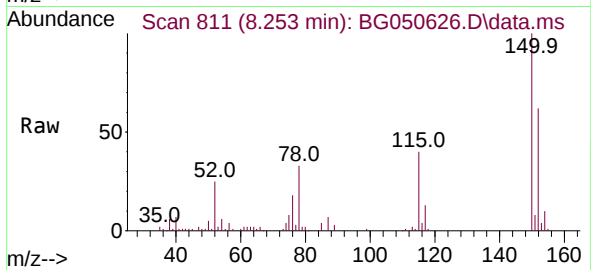




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

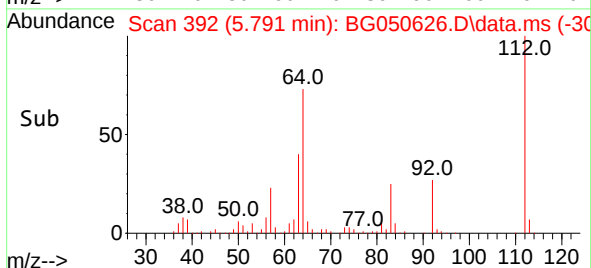
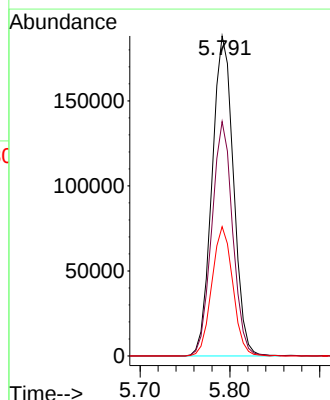
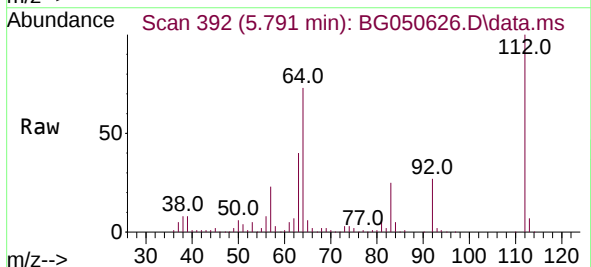
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)

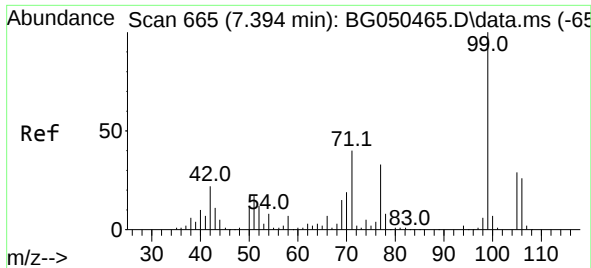
Tgt Ion:152 Resp: 41121
Ion Ratio Lower Upper
152 100
150 161.1 119.4 179.0
115 64.8 60.2 90.4



#5
2-Fluorophenol
Concen: 113.616 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

Tgt Ion:112 Resp: 312396
Ion Ratio Lower Upper
112 100
64 73.2 46.7 70.1#
63 40.4 35.3 52.9

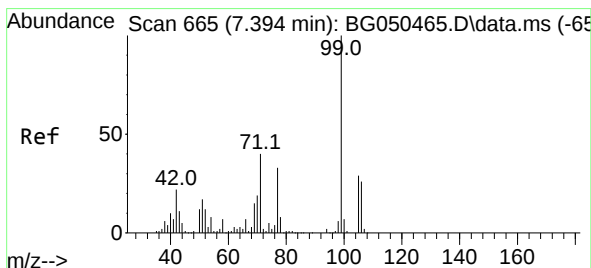
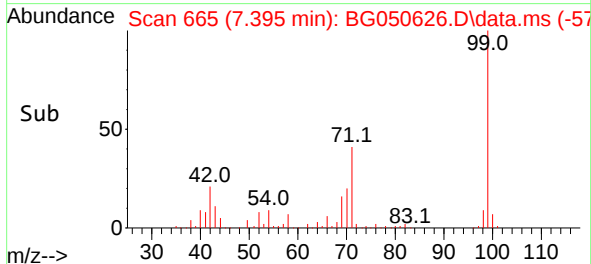
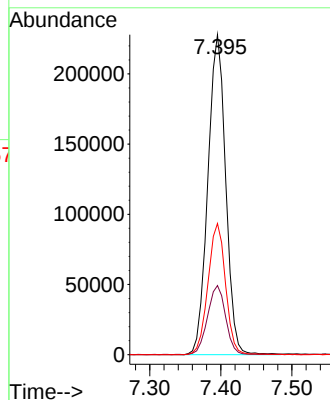
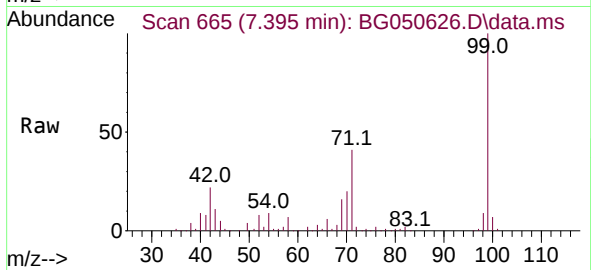




#7
Phenol-d6
Concen: 99.798 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

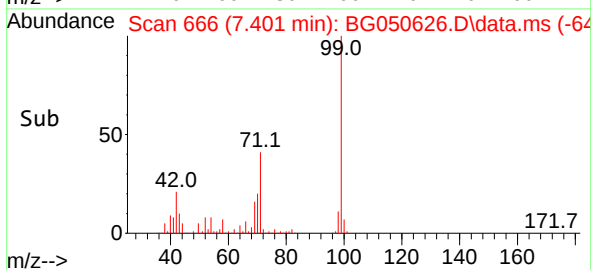
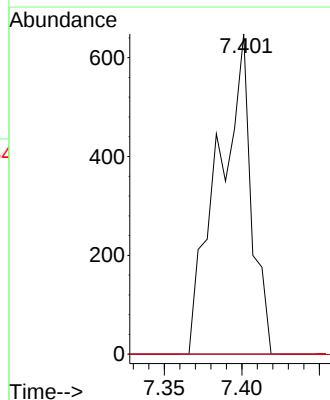
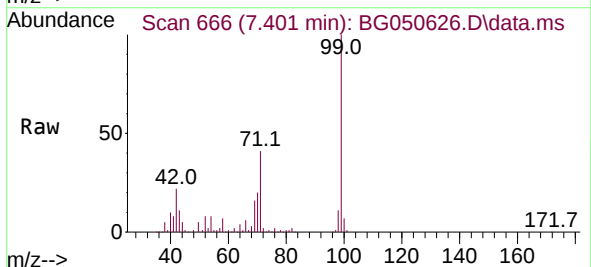
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)

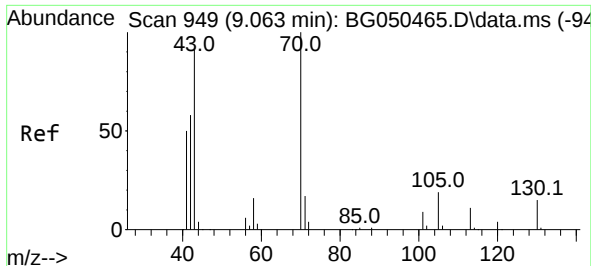
Tgt Ion: 99 Resp: 397288
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.012 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

Tgt Ion: 77 Resp: 960
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

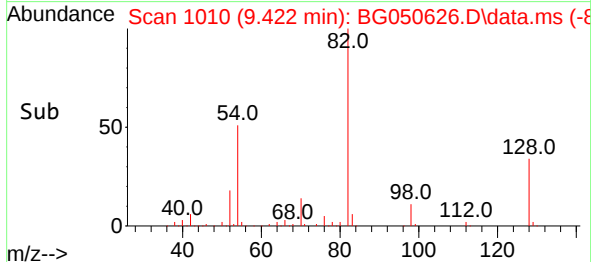
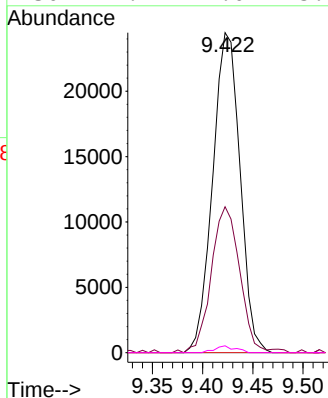
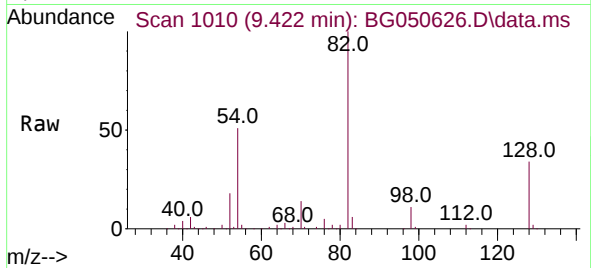




#19
n-Nitroso-di-n-propylamine
Concen: 15.985 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

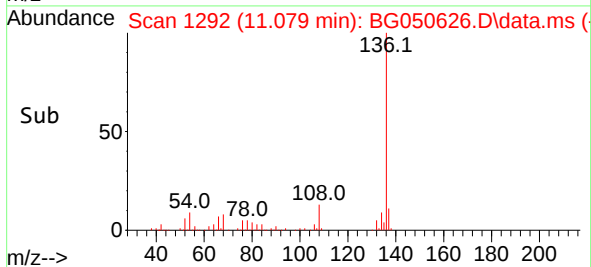
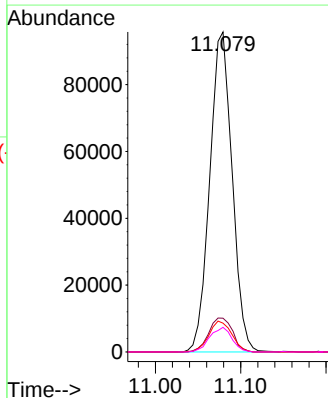
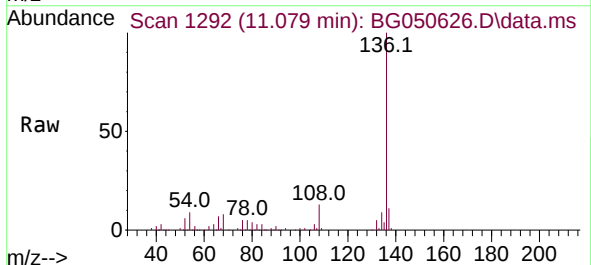
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)

Tgt Ion:	70	Resp:	46380
Ion	Ratio	Lower	Upper
70	100		
42	45.6	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

Tgt Ion:	136	Resp:	174730
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	9.0	5.5	8.3#
68	7.7	2.3	3.5#

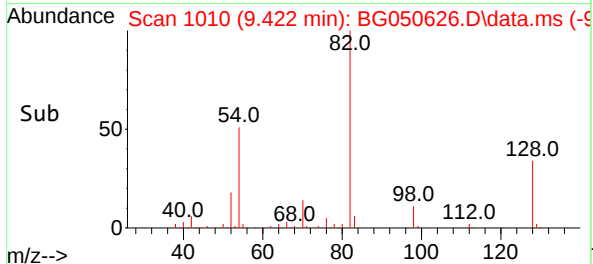
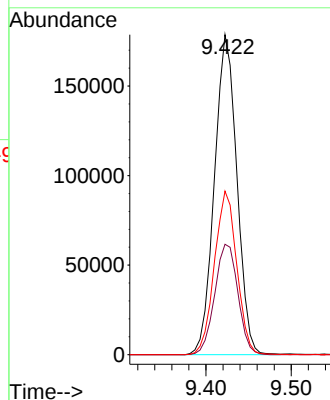
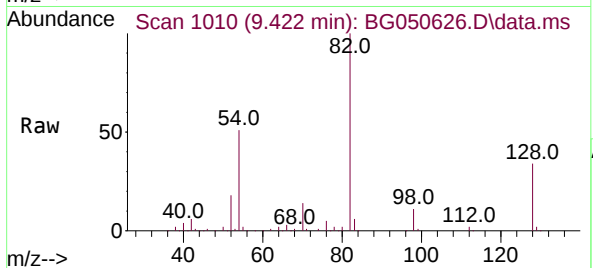




#23
Nitrobenzene-d5
Concen: 77.407 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

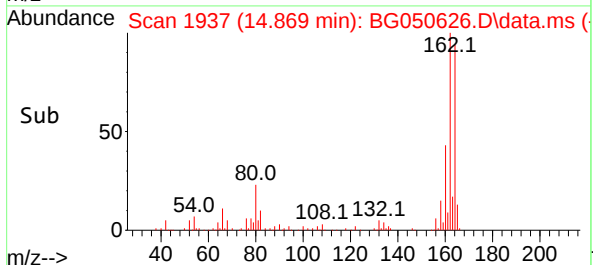
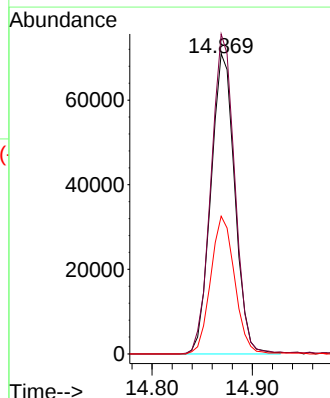
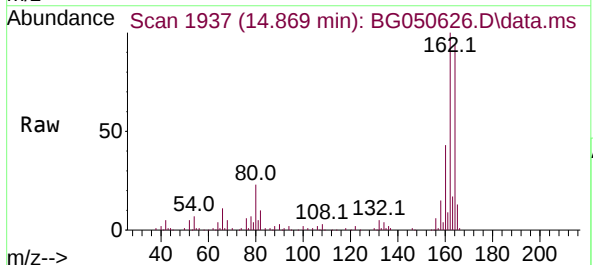
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)

Tgt Ion: 82 Resp: 326734
Ion Ratio Lower Upper
82 100
128 34.5 29.8 44.6
54 51.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

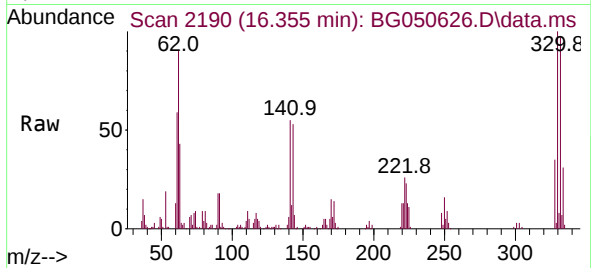
Tgt Ion: 164 Resp: 117048
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 45.9 34.9 52.3



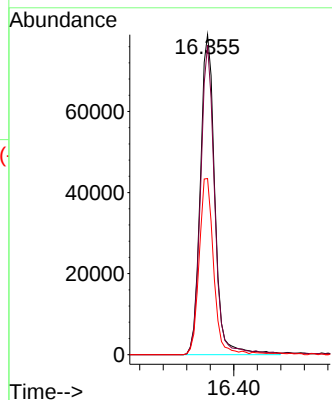
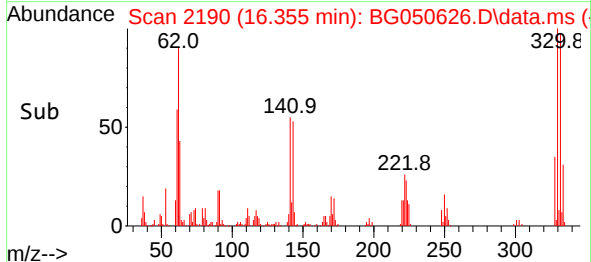


#42
2,4,6-Tribromophenol
Concen: 121.085 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

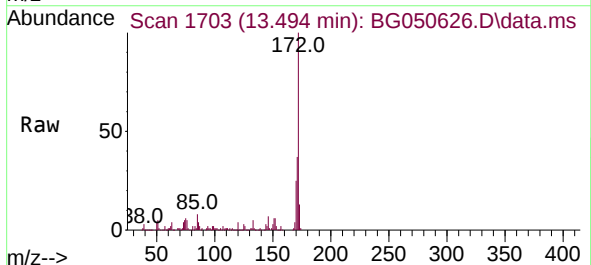
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)



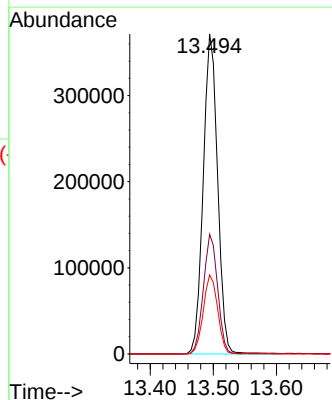
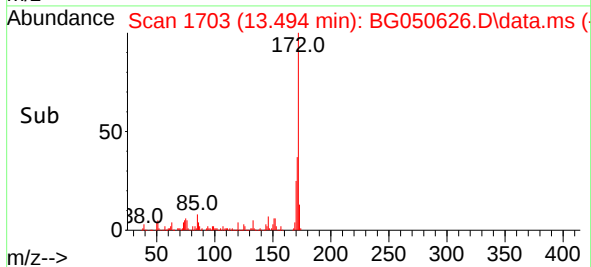
Tgt Ion:330 Resp: 135183
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 54.8 35.6 53.4#

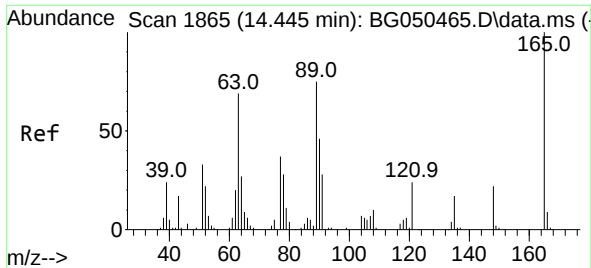


#45
2-Fluorobiphenyl
Concen: 75.498 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56



Tgt Ion:172 Resp: 587158
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 24.7 18.6 27.8

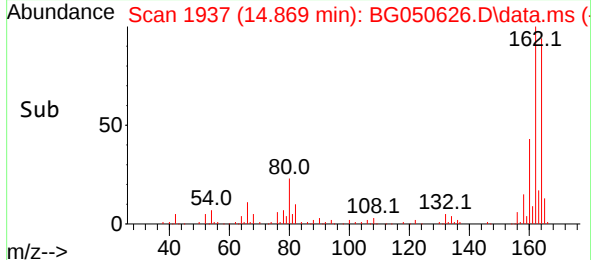
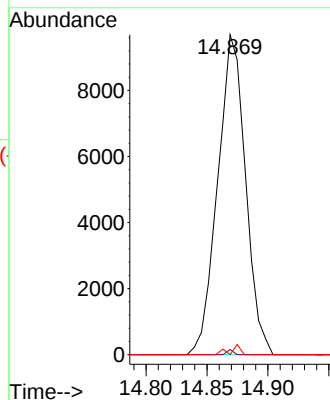
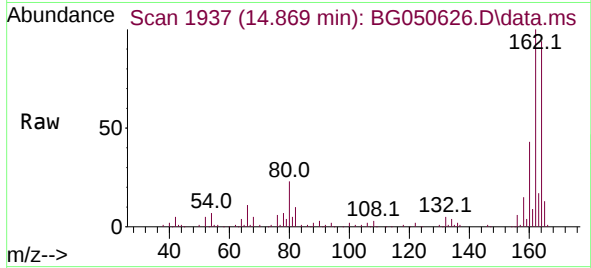




#51
2,6-Dinitrotoluene
Concen: 8.683 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

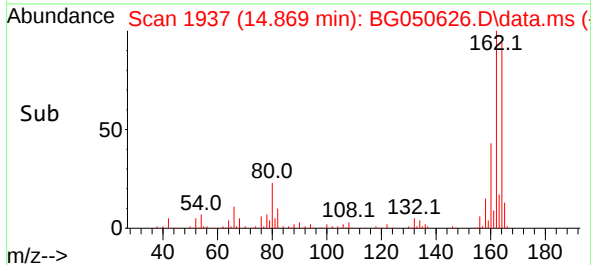
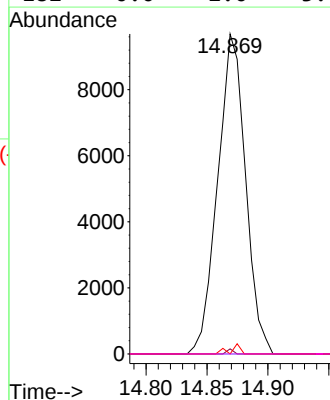
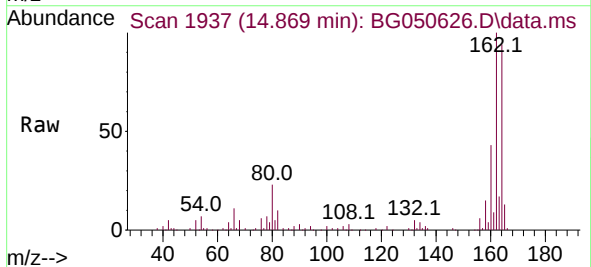
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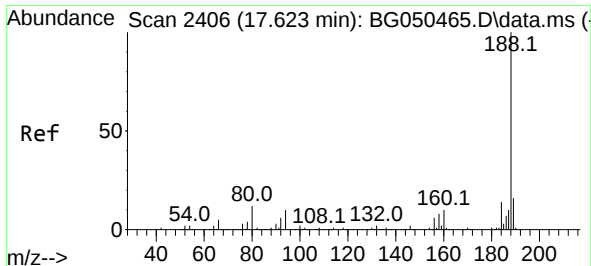
Tgt Ion:165 Resp: 15387
Ion Ratio Lower Upper
165 100
63 1.6 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.160 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

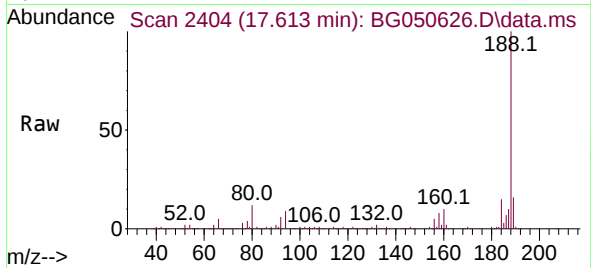
Tgt Ion:165 Resp: 15387
Ion Ratio Lower Upper
165 100
63 1.6 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



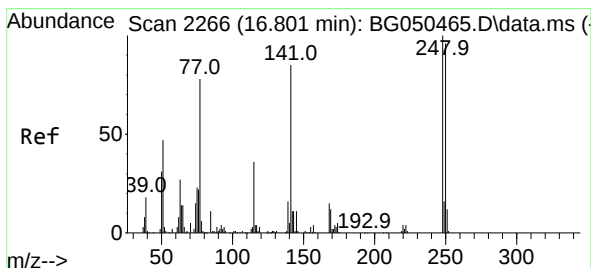
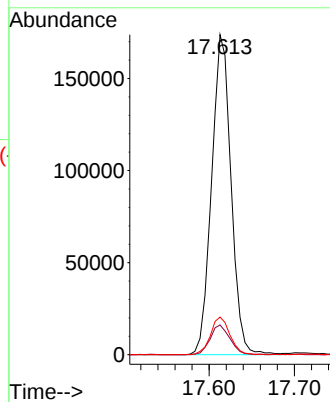
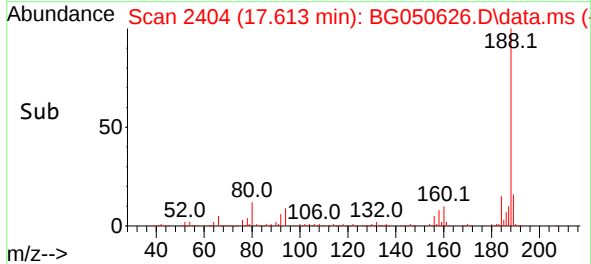


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

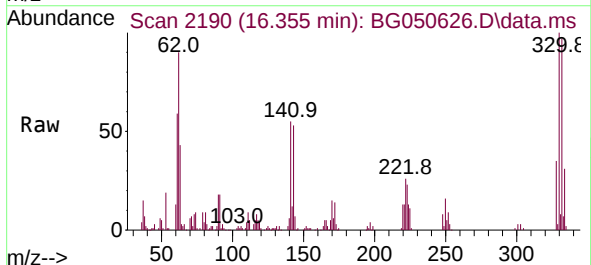
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)



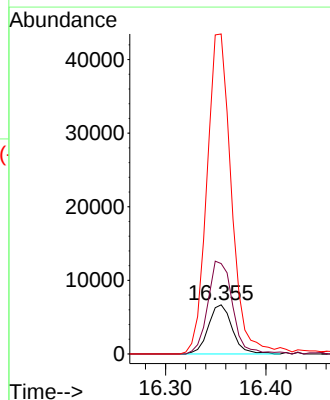
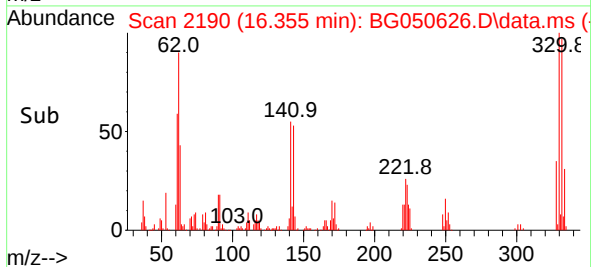
Tgt Ion:188 Resp: 275826
Ion Ratio Lower Upper
188 100
94 9.3 5.4 8.0#
80 11.7 3.7 5.5#

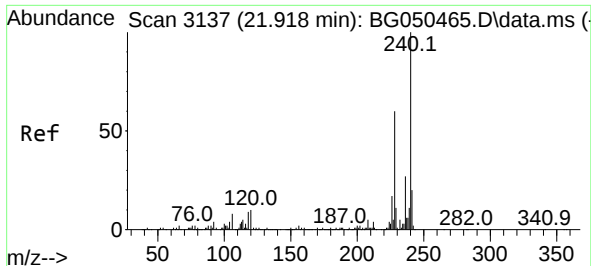


#67
4-Bromophenyl-phenylether
Concen: 3.978 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56



Tgt Ion:248 Resp: 11056
Ion Ratio Lower Upper
248 100
250 183.9 76.1 114.1#
141 651.0 65.4 98.2#

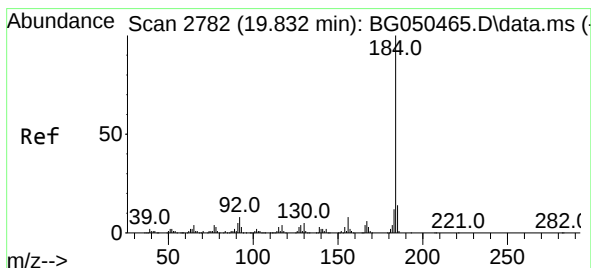
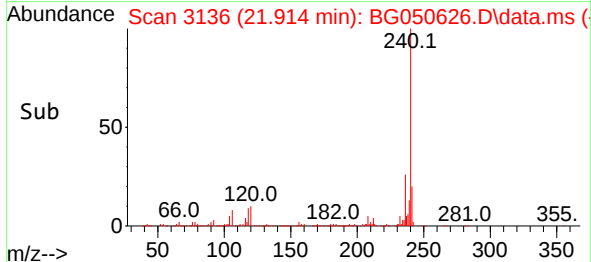
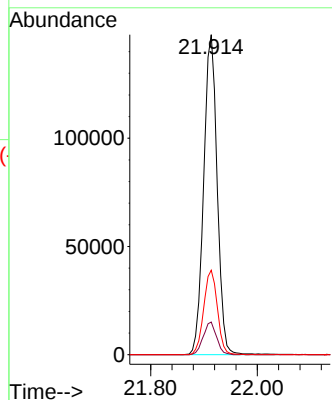
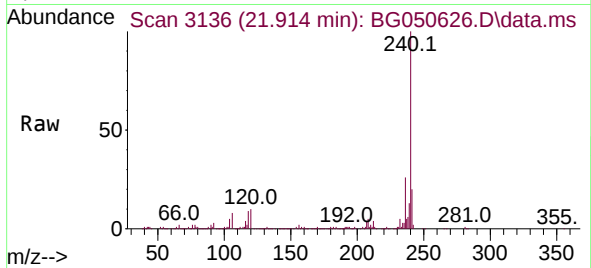




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

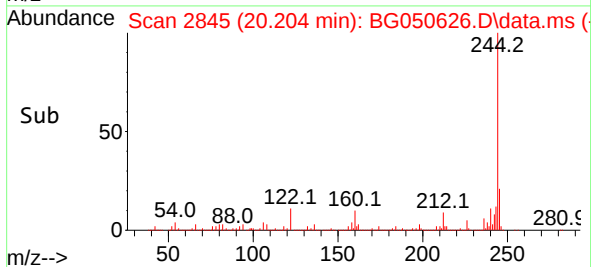
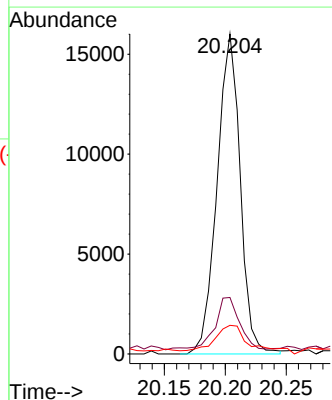
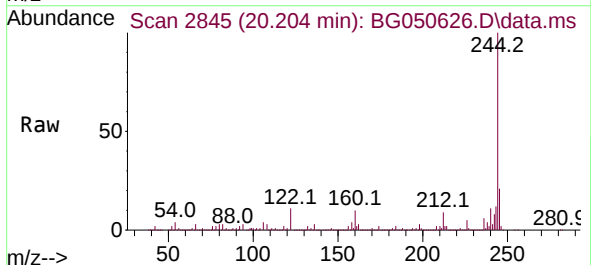
Instrument :
BNA_G
ClientSampleId :
T2-COMP-(1-4)

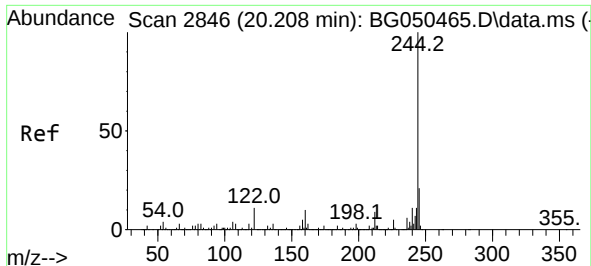
Tgt Ion:240 Resp: 259028
Ion Ratio Lower Upper
240 100
120 10.2 4.2 6.2#
236 26.4 21.8 32.6



#77
Benzidine
Concen: 2.520 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.371 min
Lab File: BG050626.D
Acq: 18 Oct 2021 20:56

Tgt Ion:184 Resp: 21157
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 8.9 9.4 14.0#

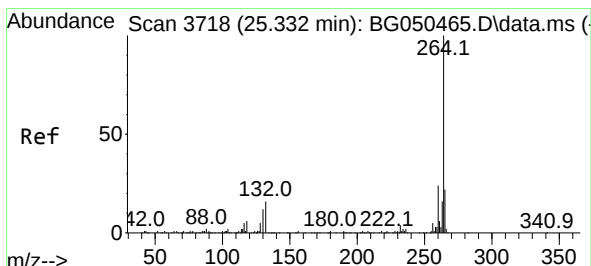
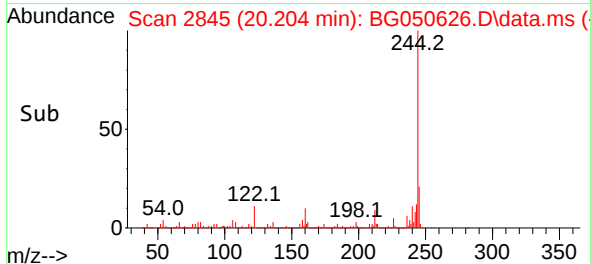
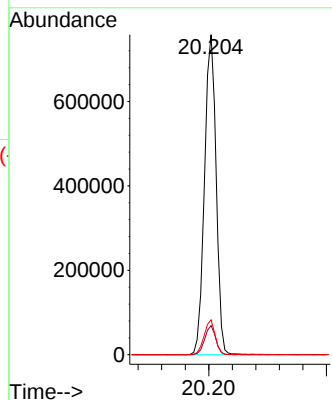
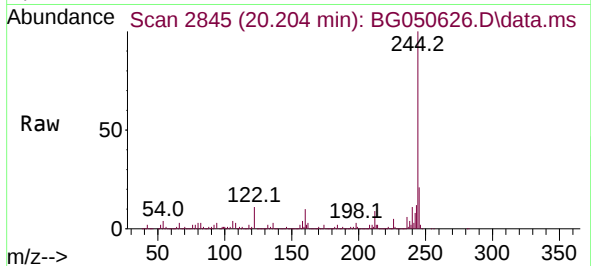




#79
 Terphenyl-d14
 Concen: 77.894 ng
 RT: 20.204 min Scan# 2845
 Delta R.T. -0.005 min
 Lab File: BG050626.D
 Acq: 18 Oct 2021 20:56

Instrument :
 BNA_G
 ClientSampleId :
 T2-COMP-(1-4)

Tgt Ion:244 Resp: 1035330
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.9 10.3
 122 10.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050626.D
 Acq: 18 Oct 2021 20:56

Tgt Ion:264 Resp: 253025
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.5 16.9 25.3

