

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070221\
 Data File : BG049177.D
 Acq On : 2 Jul 2021 21:36
 Operator : CG/JU
 Sample : M2918-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-023-ABCD

Quant Time: Jul 03 01:10:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

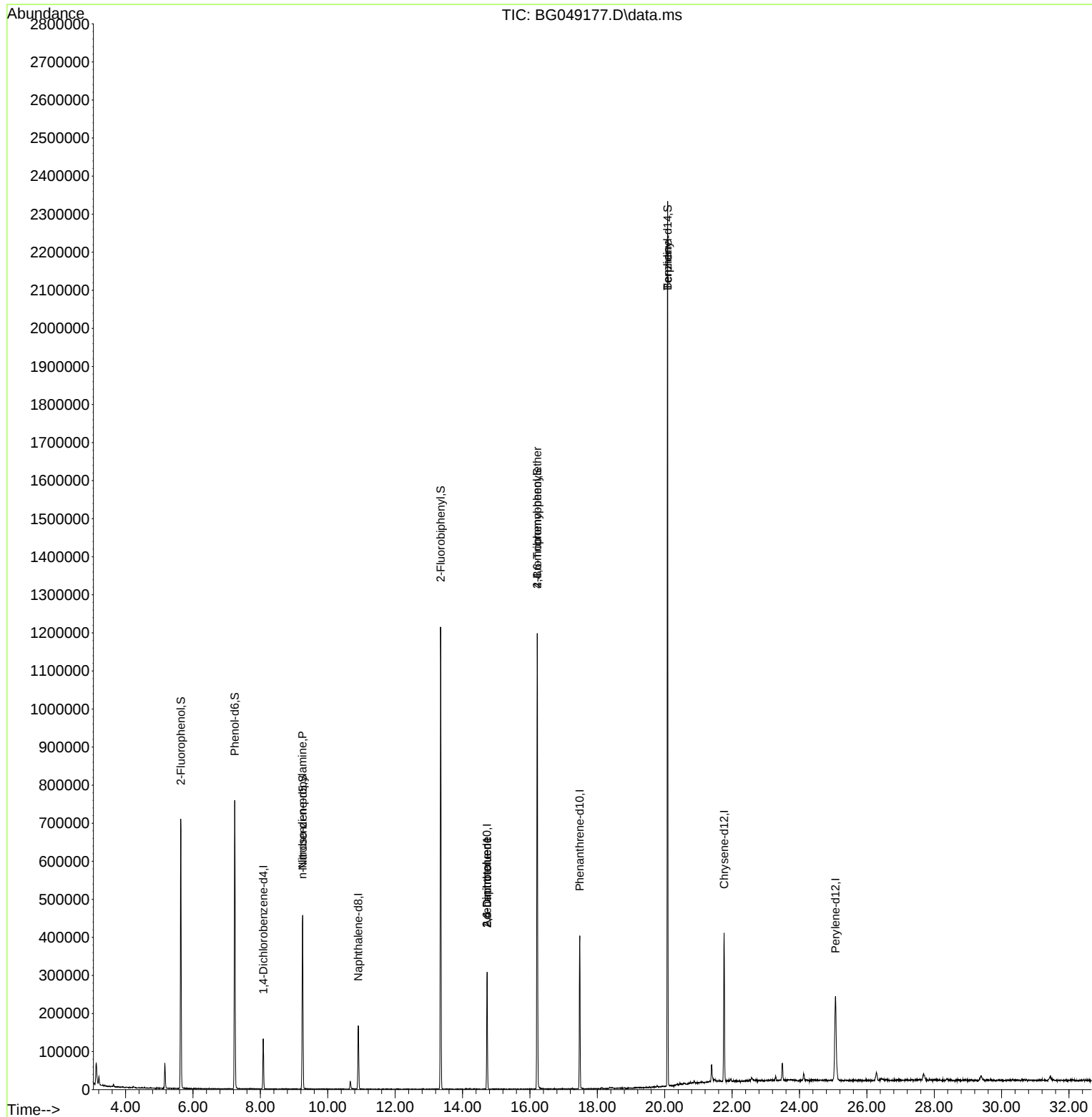
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	34923	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	141547	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	111413	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	257048	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	249780	20.00	ng	-0.01
86) Perylene-d12	25.065	264	257643	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	279479	125.34	ng	0.00
7) Phenol-d6	7.239	99	376327	118.38	ng	0.00
23) Nitrobenzene-d5	9.254	82	270322	80.97	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	237186	122.81	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	628605	76.12	ng	0.00
79) Terphenyl-d14	20.088	244	1110437	75.33	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	40474	17.72	ng	# 72
51) 2,6-Dinitrotoluene	14.730	165	14132	6.89	ng	# 12
57) 2,4-Dinitrotoluene	14.730	165	14132	4.85	ng	# 17
67) 4-Bromophenyl-phenylether	16.216	248	14414	4.16	ng	# 1
77) Benzidine	20.088	184	21664	4.04	ng	97

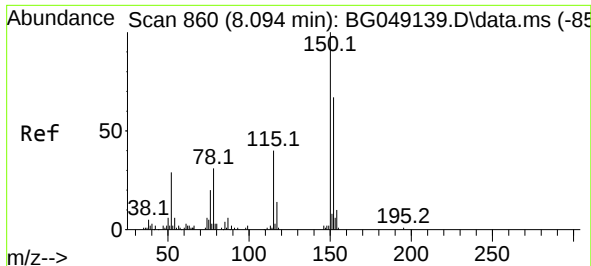
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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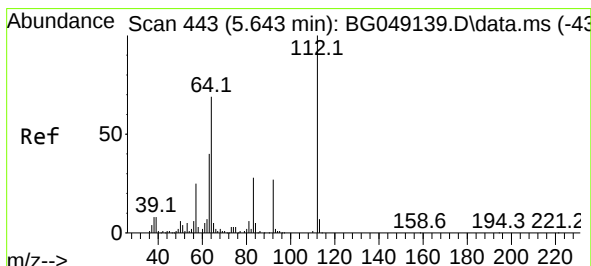
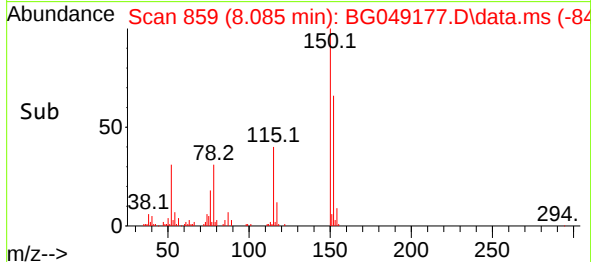
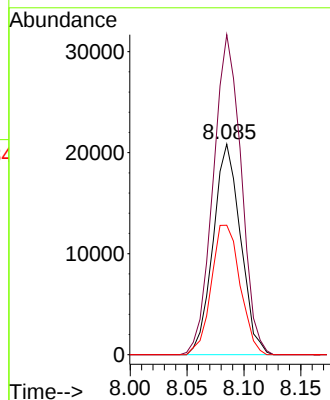
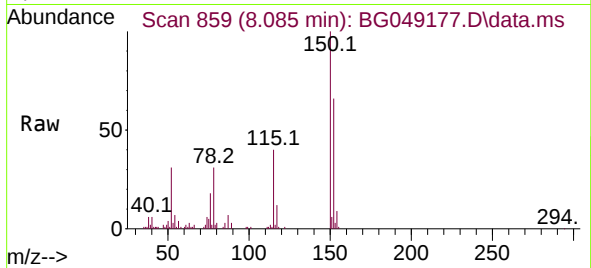




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

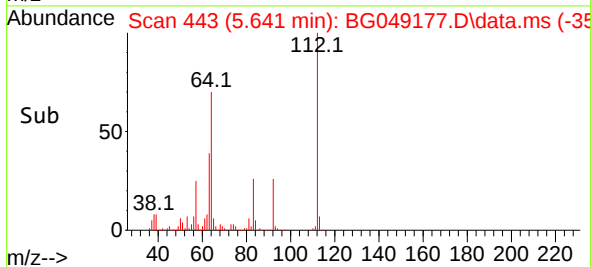
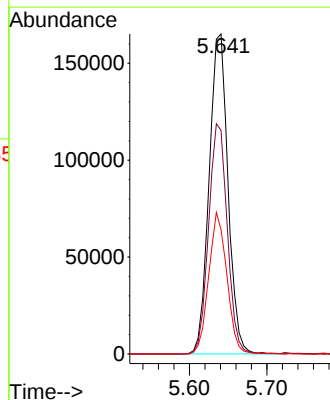
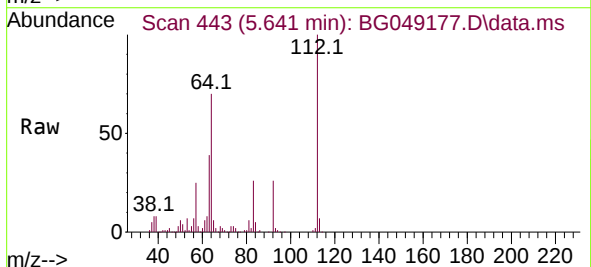
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

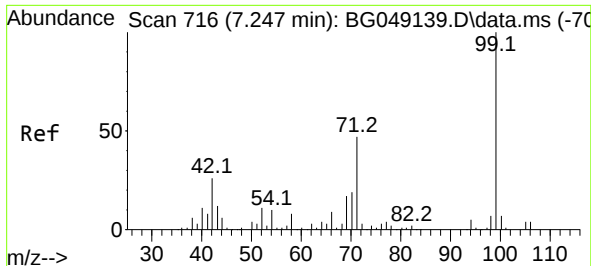
Tgt Ion:152 Resp: 34923
Ion Ratio Lower Upper
152 100
150 152.0 119.4 179.0
115 61.5 60.2 90.4



#5
2-Fluorophenol
Concen: 125.34 ng
RT: 5.641 min Scan# 443
Delta R.T. -0.003 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion:112 Resp: 279479
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 38.9 35.3 52.9

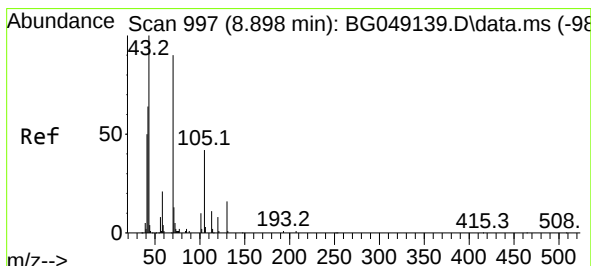
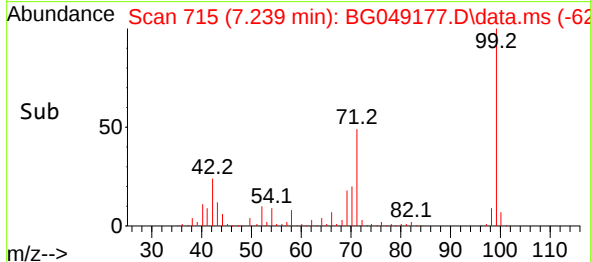
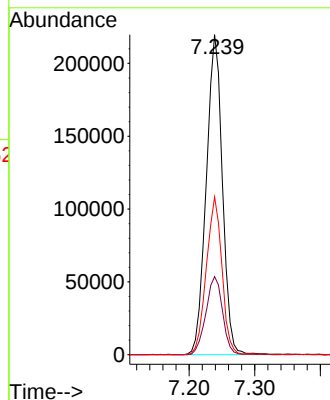
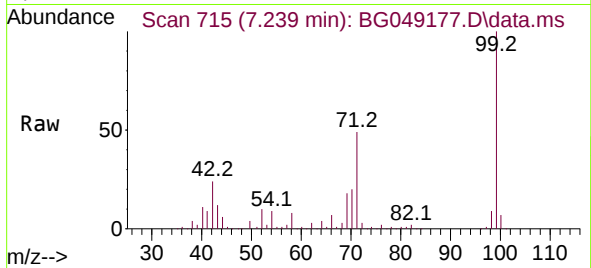




#7
Phenol-d6
Concen: 118.38 ng
RT: 7.239 min Scan# 715
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

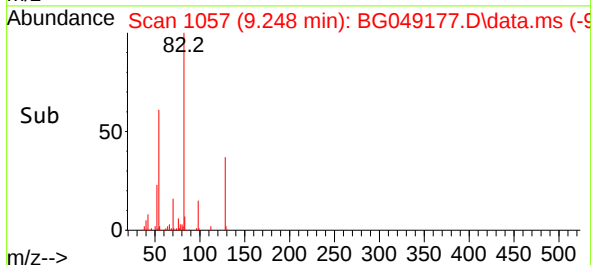
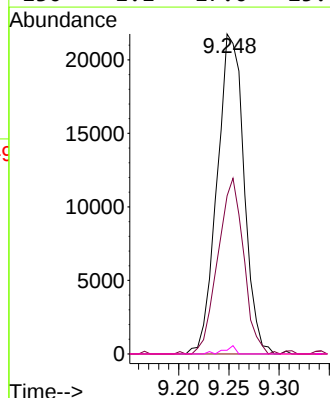
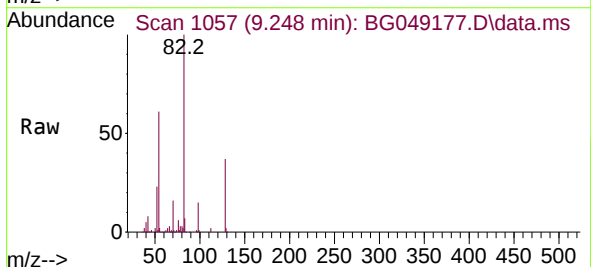
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

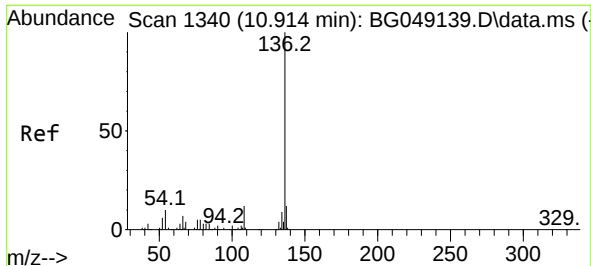
Tgt Ion: 99 Resp: 376327
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 49.3 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.72 ng
RT: 9.248 min Scan# 1057
Delta R.T. 0.350 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion: 70 Resp: 40474
Ion Ratio Lower Upper
70 100
42 49.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

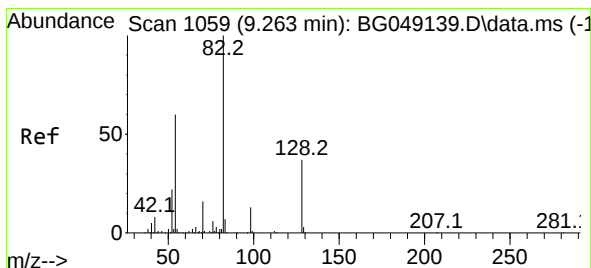
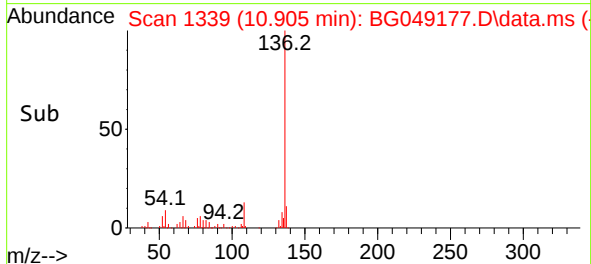
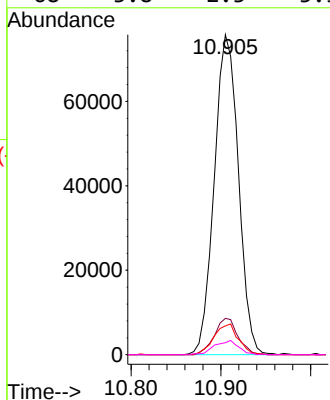
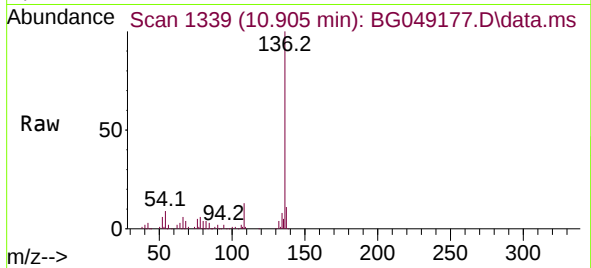




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

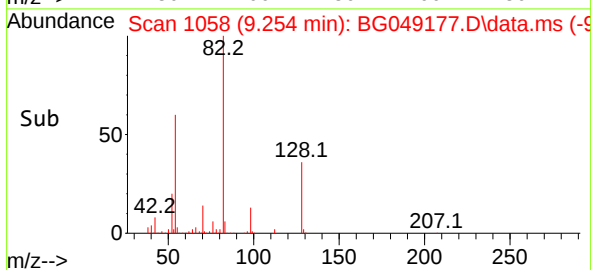
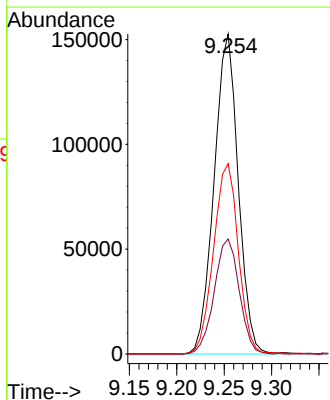
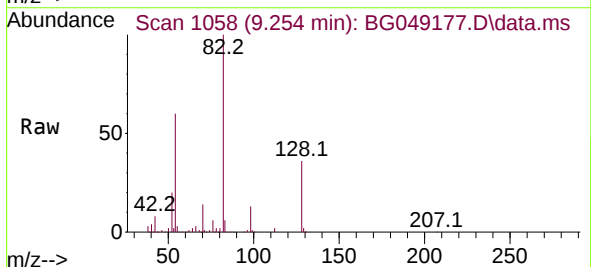
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

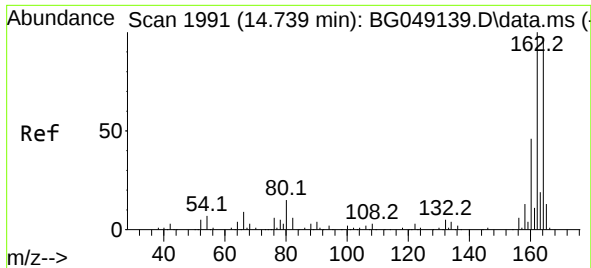
Tgt Ion:	136	Resp:	141547
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.2
54	9.0	5.5	8.3#
68	3.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 80.97 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion:	82	Resp:	270322
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	59.5	45.8	68.8

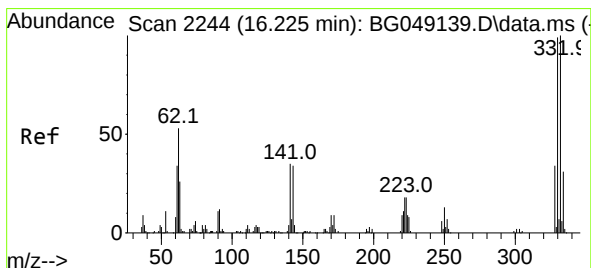
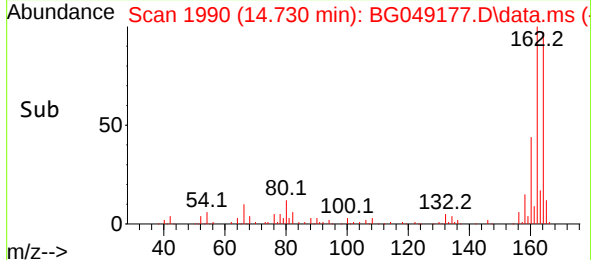
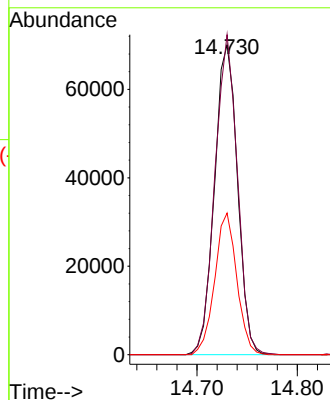
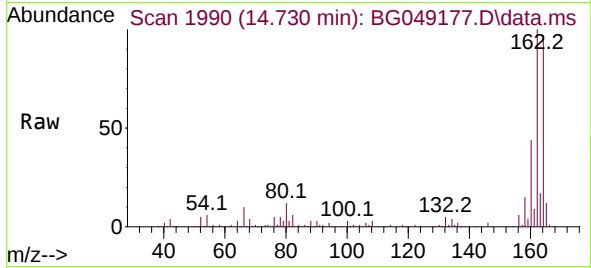




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

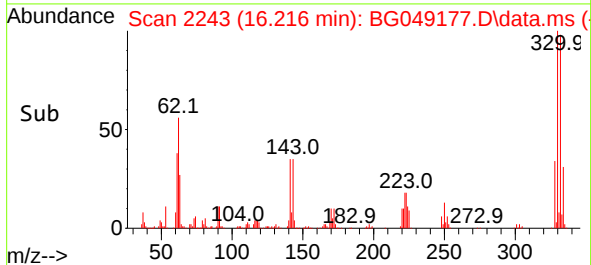
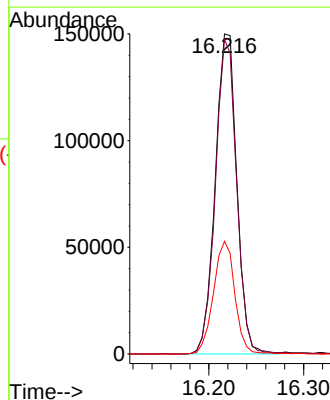
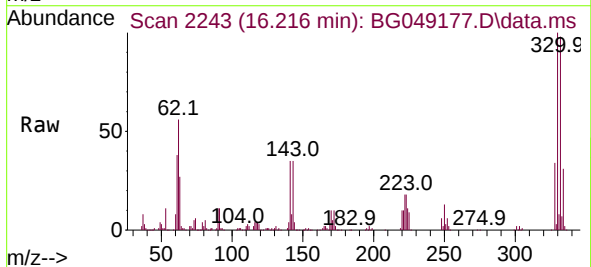
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

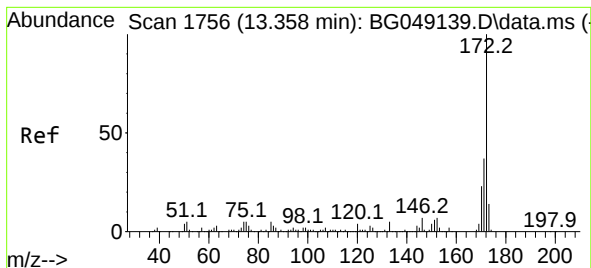
Tgt Ion:164 Resp: 111413
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 45.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 122.81 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion:330 Resp: 237186
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 35.0 35.6 53.4#

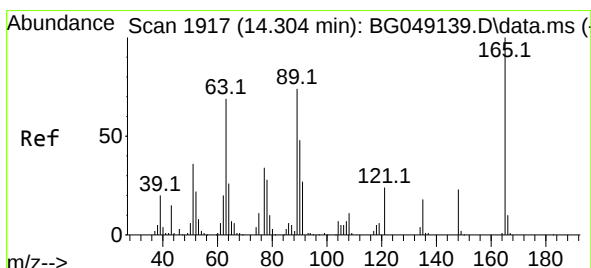
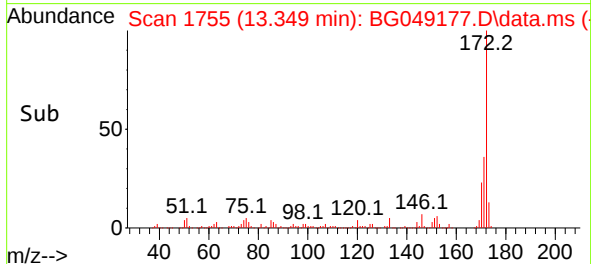
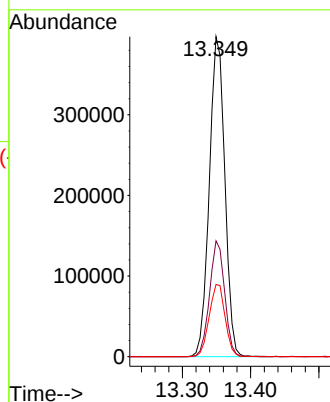
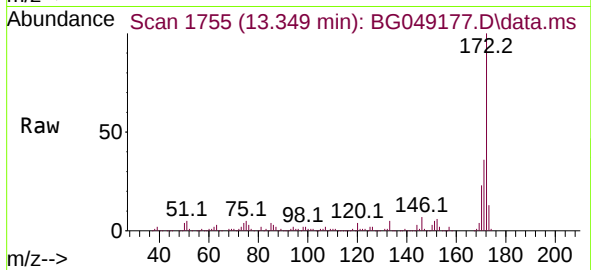




#45
2-Fluorobiphenyl
Concen: 76.12 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

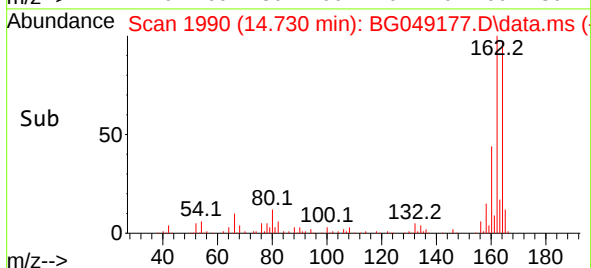
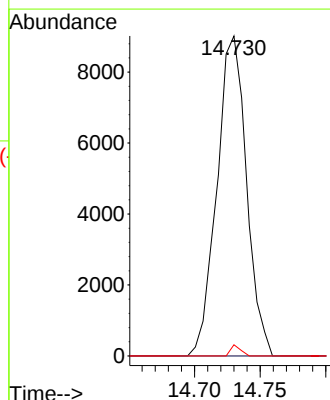
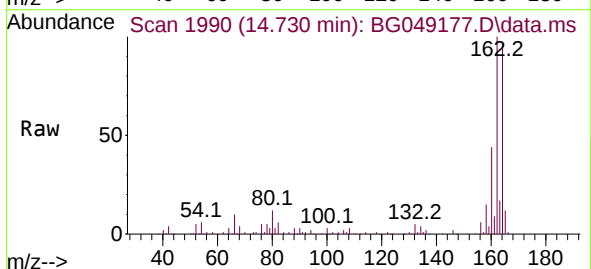
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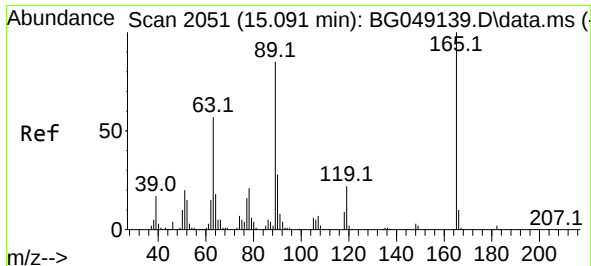
Tgt Ion:172 Resp: 628605
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.426 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

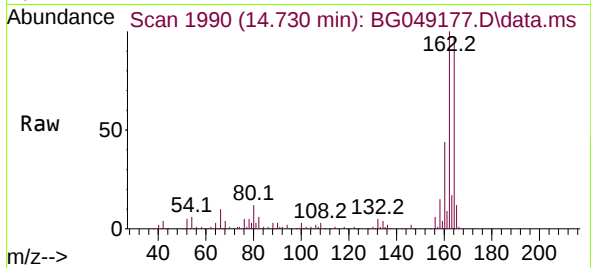
Tgt Ion:165 Resp: 14132
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.5 63.4 95.0#



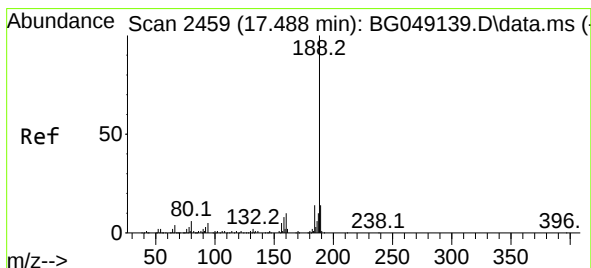
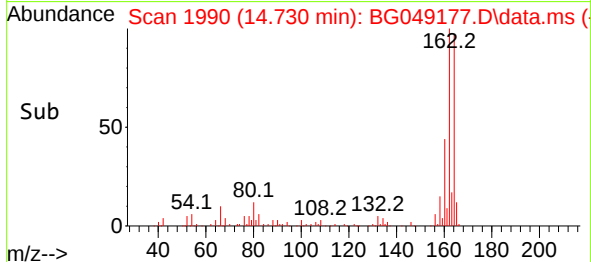
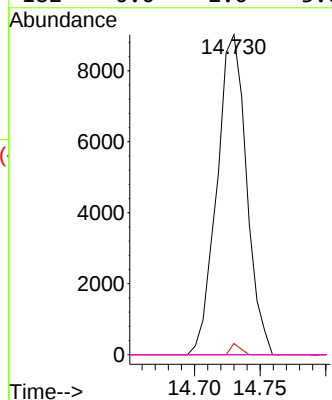


#57
2,4-Dinitrotoluene
Concen: 4.85 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.361 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

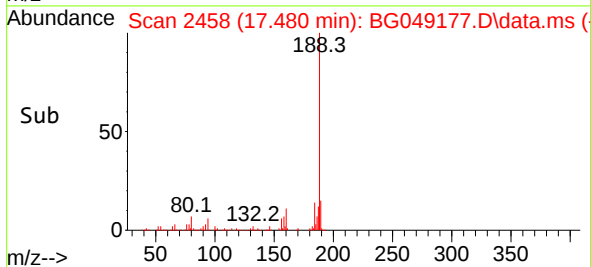
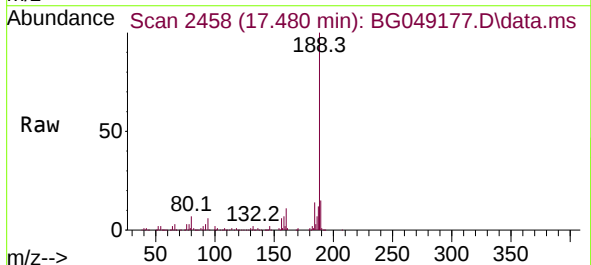
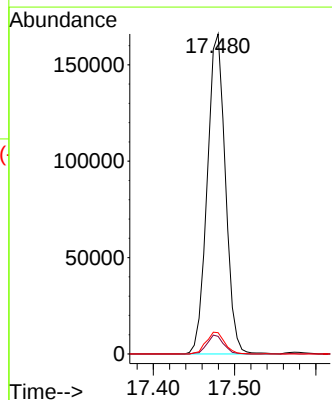


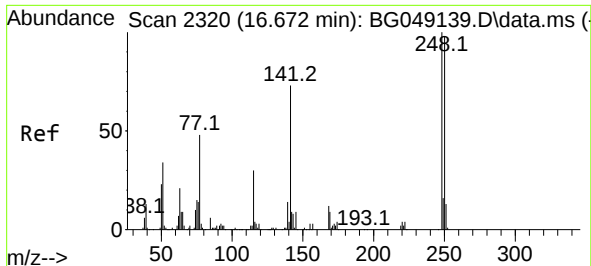
Tgt Ion:165 Resp: 14132
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.5 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion:188 Resp: 257048
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.6 3.7 5.5#

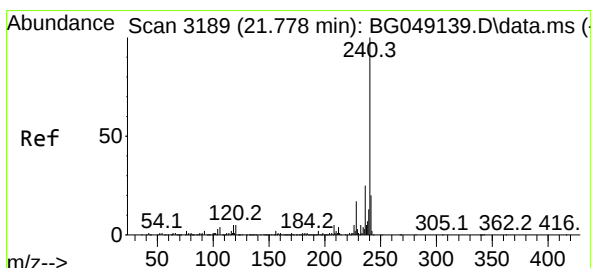
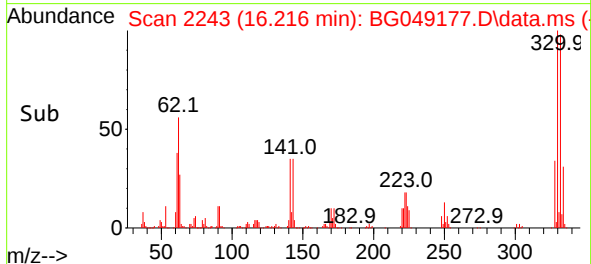
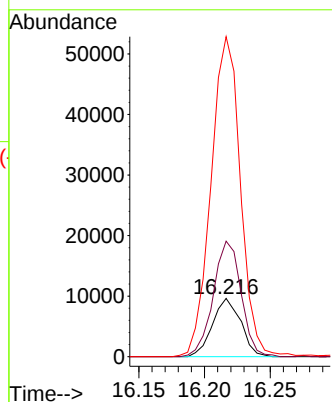
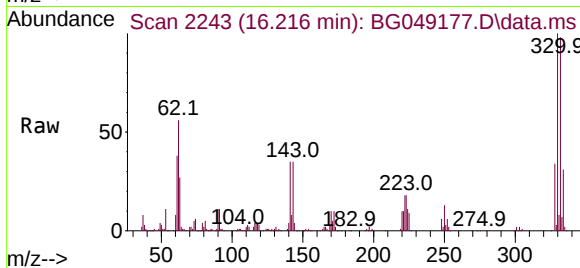




#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.455 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

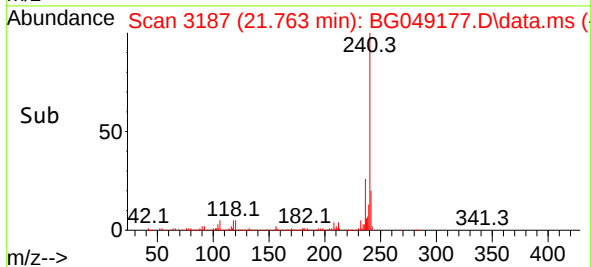
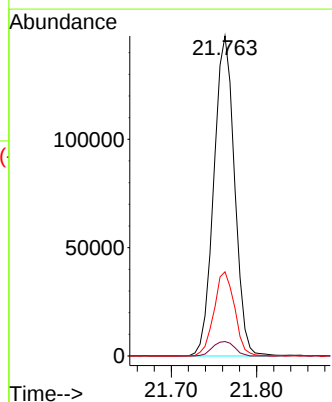
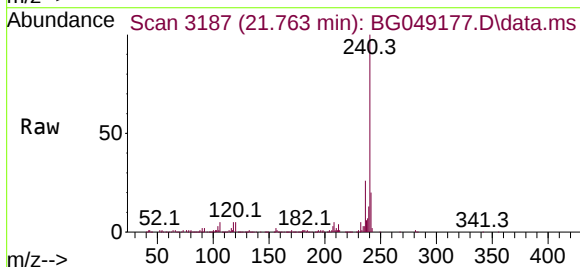
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

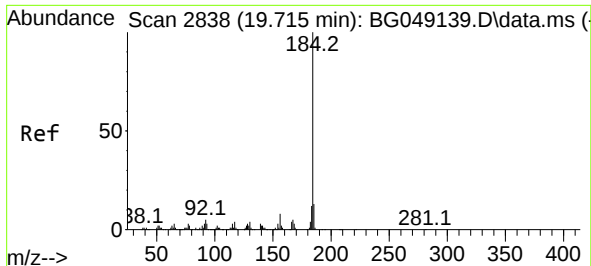
Tgt Ion:248 Resp: 14414
Ion Ratio Lower Upper
248 100
250 198.7 76.1 114.1#
141 550.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3187
Delta R.T. -0.015 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

Tgt Ion:240 Resp: 249780
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.3 21.8 32.6

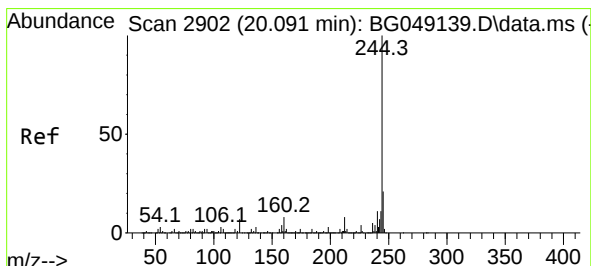
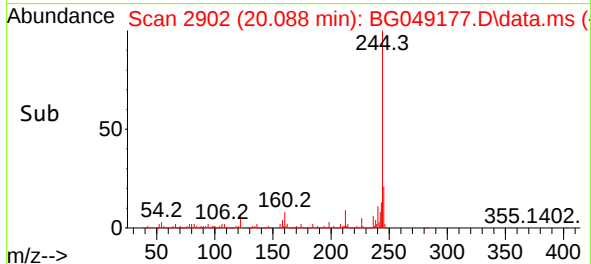
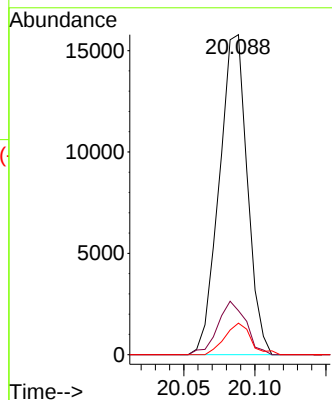
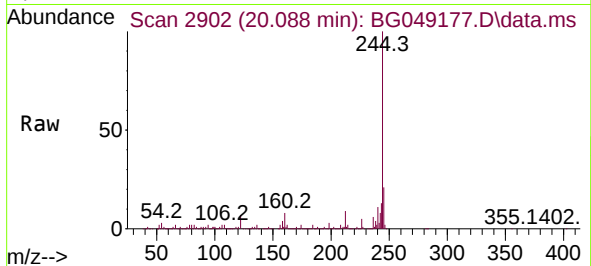




#77
Benzidine
Concen: 4.04 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.373 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

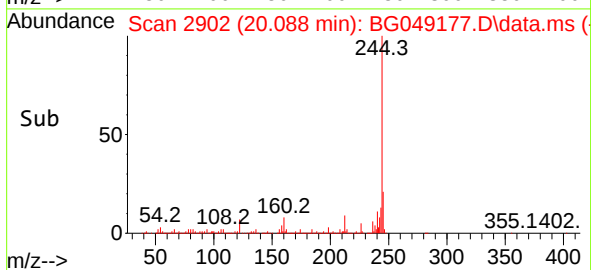
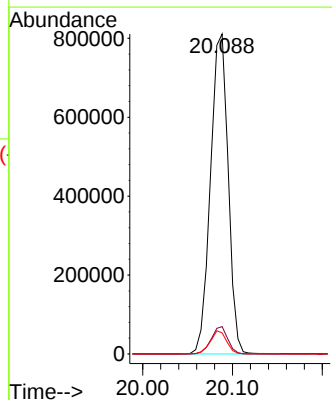
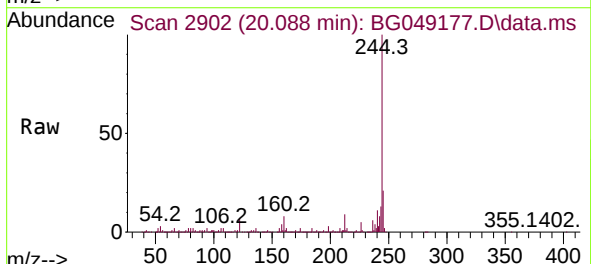
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-023-ABCD

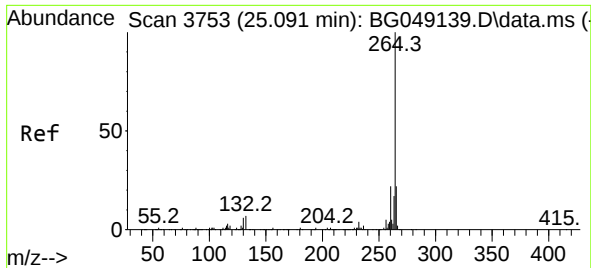
Tgt Ion:184 Resp: 21664
Ion Ratio Lower Upper
184 100
185 13.7 10.7 16.1
183 9.9 9.4 14.0



#79
Terphenyl-d14
Concen: 75.33 ng
RT: 20.088 min Scan# 2902
Delta R.T. -0.003 min
Lab File: BG049177.D
Acq: 2 Jul 2021 21:36

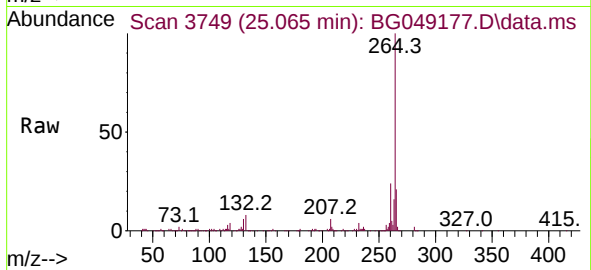
Tgt Ion:244 Resp: 1110437
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 6.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. -0.026 min
 Lab File: BG049177.D
 Acq: 2 Jul 2021 21:36

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-023-ABCD



Tgt Ion:264 Resp: 257643

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	16.9	25.3

