

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050509.D
 Acq On : 8 Oct 2021 14:41
 Operator : CG/JU
 Sample : M4130-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 08 16:19:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

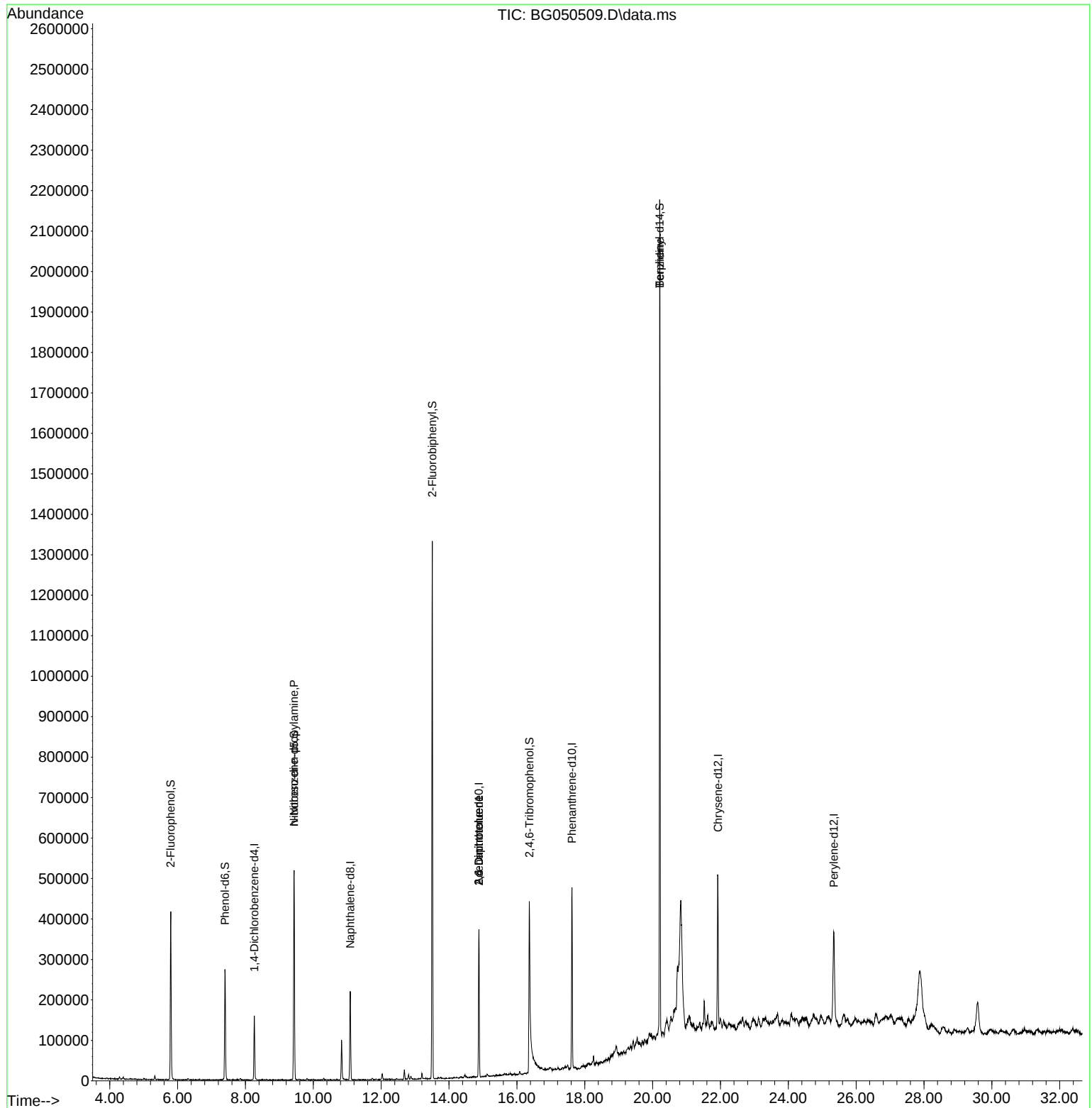
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	41348	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	182342	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	125645	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	278611	20.000	ng	# 0.00
76) Chrysene-d12	21.926	240	234761	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	236774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	183346	66.315	ng	0.00
7) Phenol-d6	7.396	99	157600	39.372	ng	0.00
23) Nitrobenzene-d5	9.434	82	337299	76.575	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	120094	100.209	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	646193	77.404	ng	0.00
79) Terphenyl-d14	20.210	244	914754	75.937	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.396	77	565	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.434	70	48463	16.611	ng	# 70
51) 2,6-Dinitrotoluene	14.881	165	15848	8.331	ng	# 12
57) 2,4-Dinitrotoluene	14.881	165	15848	5.911	ng	# 17
77) Benzidine	20.216	184	18500	2.431	ng	# 88

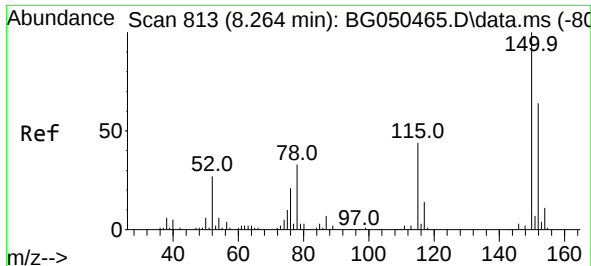
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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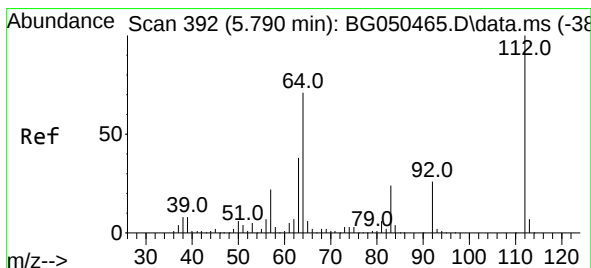
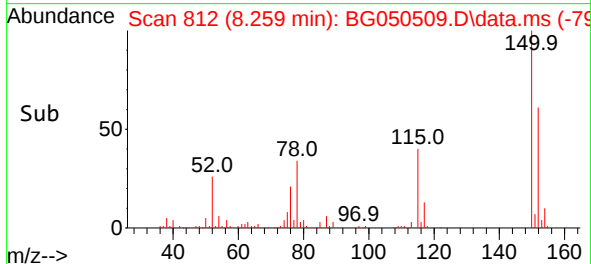
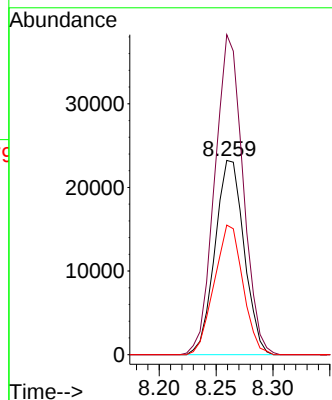
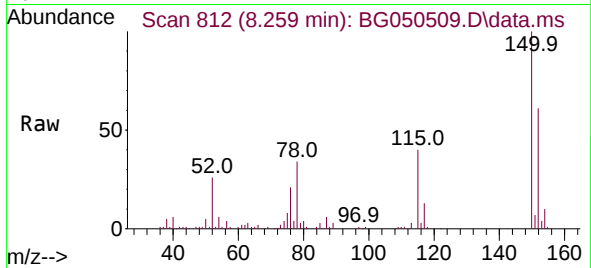




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

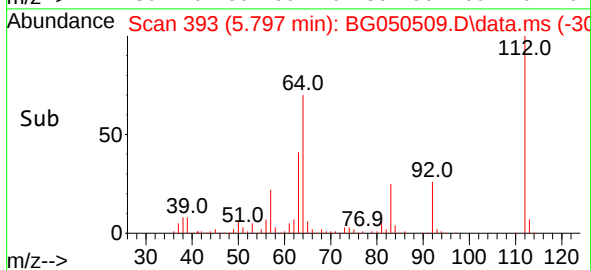
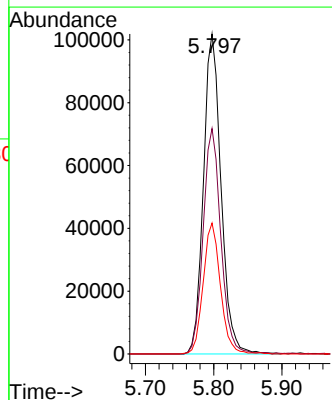
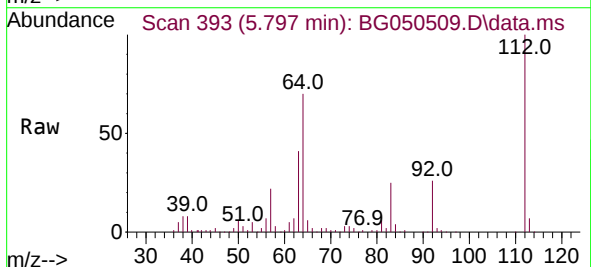
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

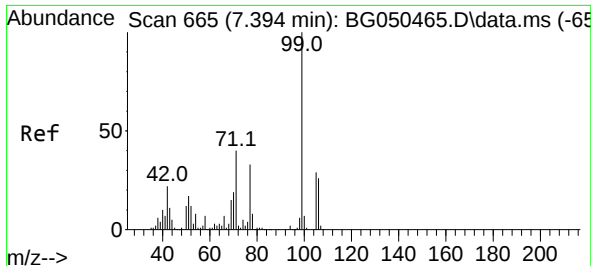
Tgt Ion:152 Resp: 41348
Ion Ratio Lower Upper
152 100
150 164.8 119.4 179.0
115 66.7 60.2 90.4



#5
2-Fluorophenol
Concen: 66.315 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:112 Resp: 183346
Ion Ratio Lower Upper
112 100
64 70.5 46.7 70.1#
63 40.9 35.3 52.9

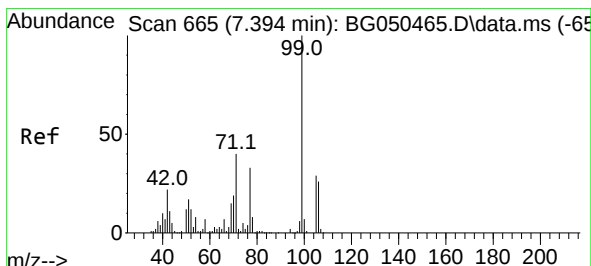
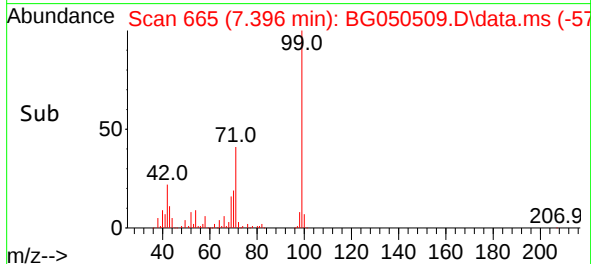
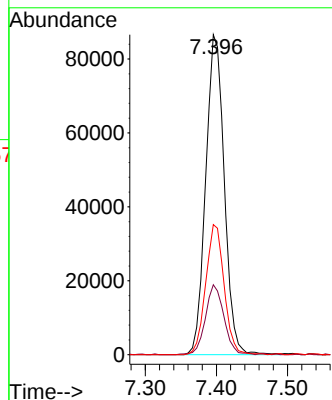
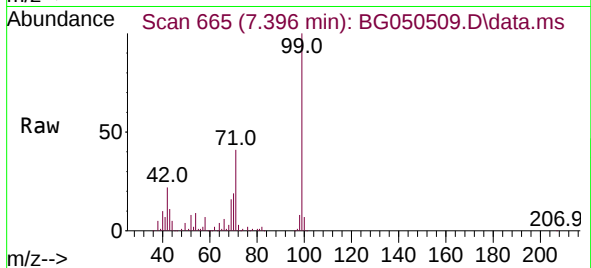




#7
Phenol-d6
Concen: 39.372 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

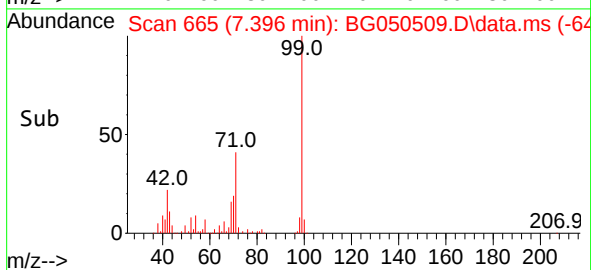
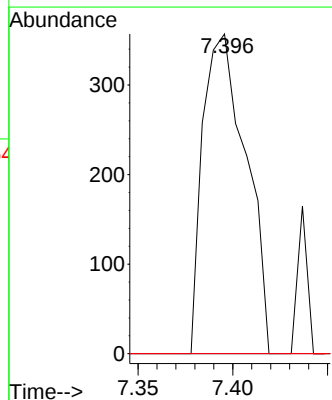
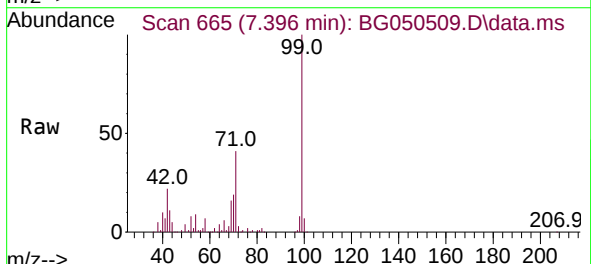
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

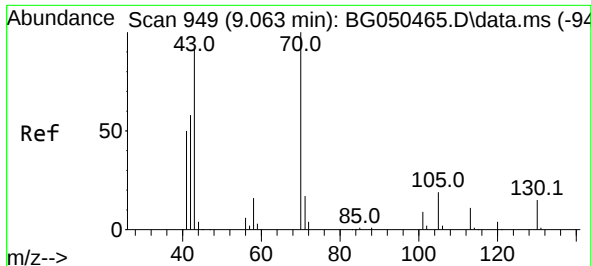
Tgt Ion: 99 Resp: 157600
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion: 77 Resp: 565
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

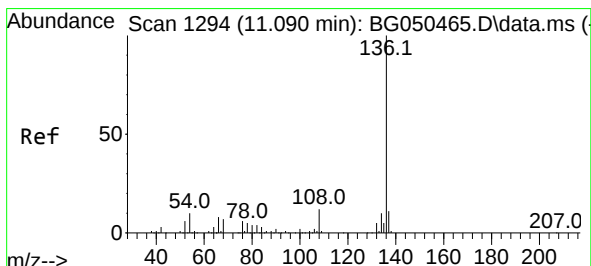
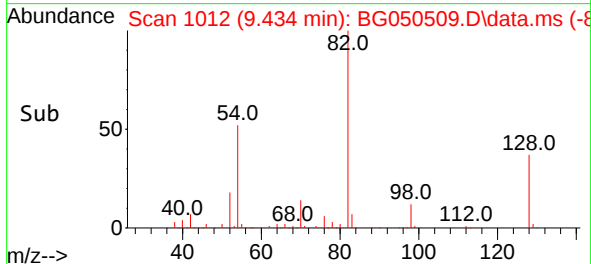
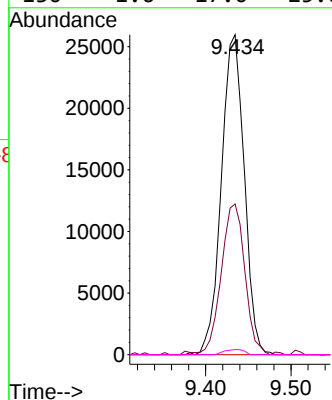
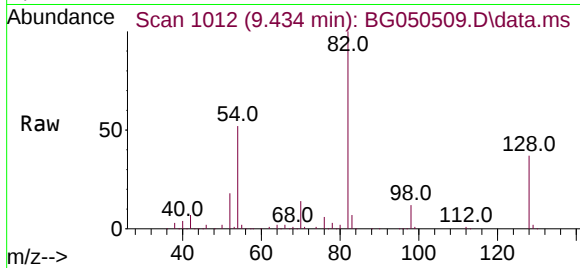




#19
n-Nitroso-di-n-propylamine
Concen: 16.611 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.372 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

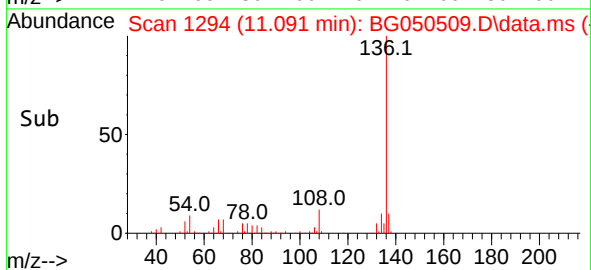
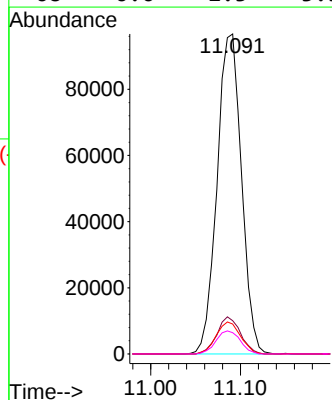
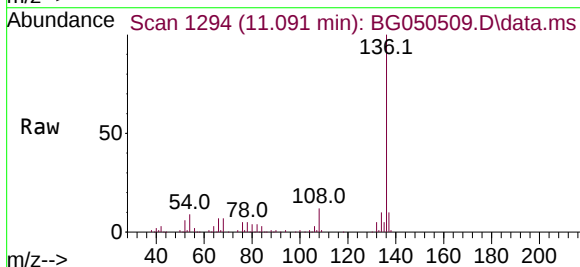
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

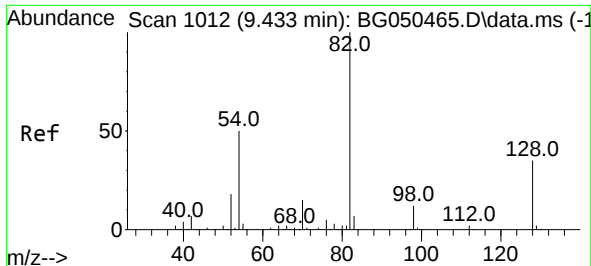
Tgt Ion: 70 Resp: 48463
Ion Ratio Lower Upper
70 100
42 47.1 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1294
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:136 Resp: 182342
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 9.3 5.5 8.3#
68 6.6 2.3 3.5#

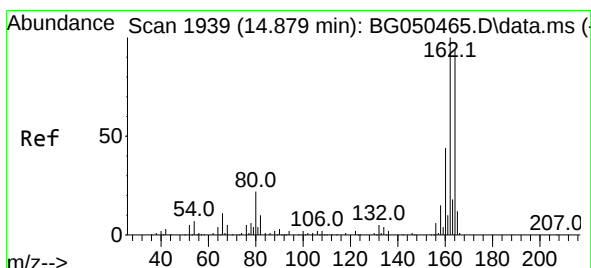
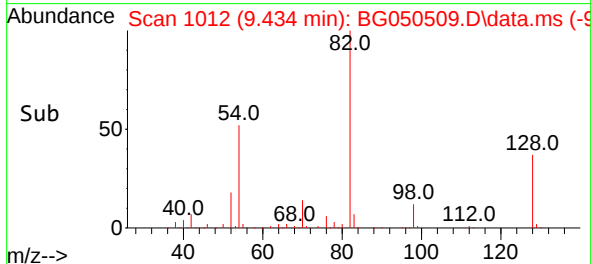
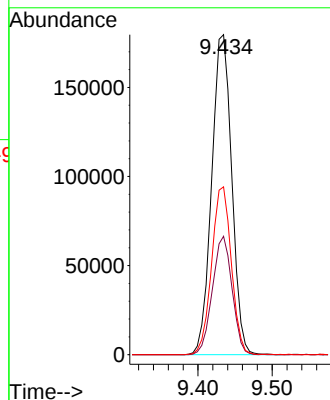
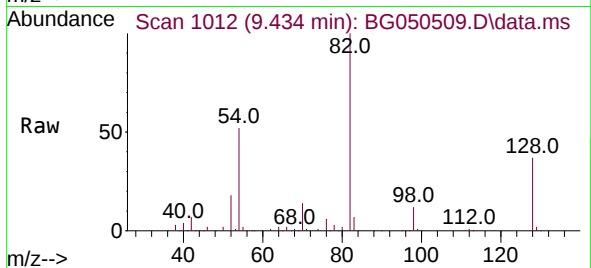




#23
Nitrobenzene-d5
Concen: 76.575 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

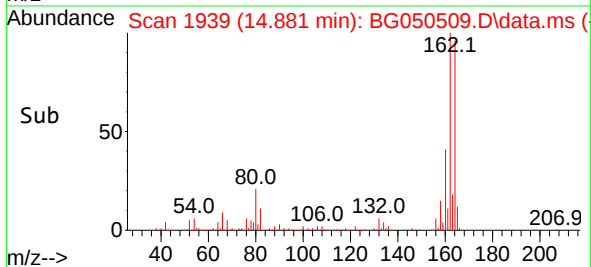
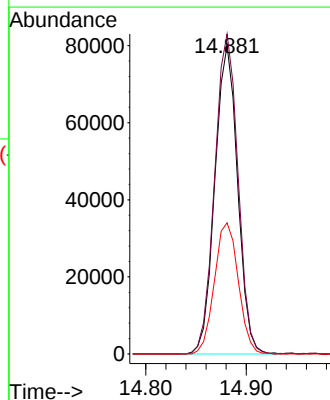
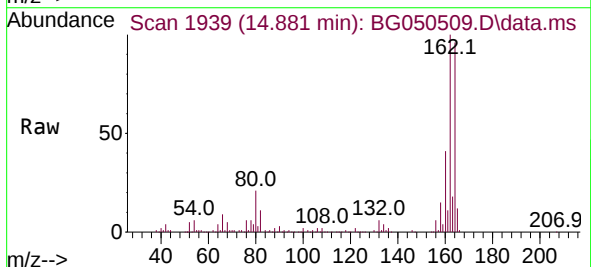
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

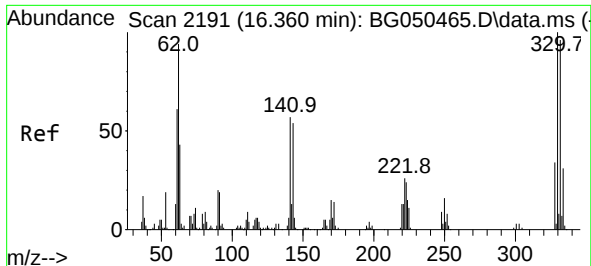
Tgt Ion: 82 Resp: 337299
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 52.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:164 Resp: 125645
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 42.5 34.9 52.3

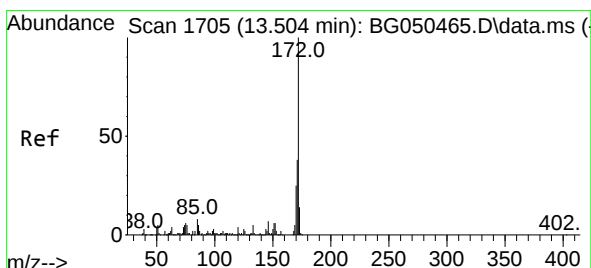
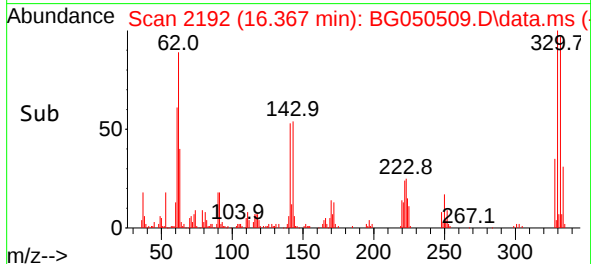
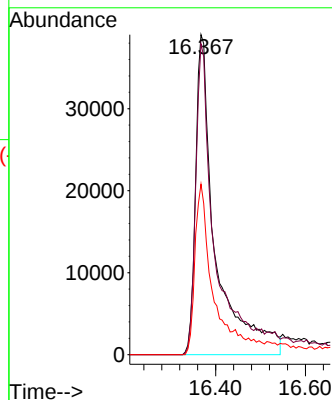
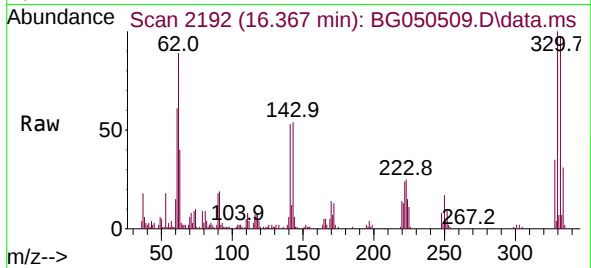




#42
2,4,6-Tribromophenol
Concen: 100.209 ng
RT: 16.367 min Scan# 2192
Delta R.T. 0.007 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

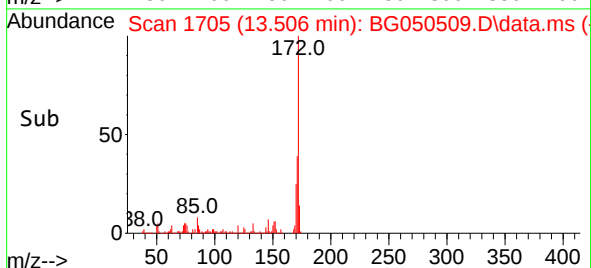
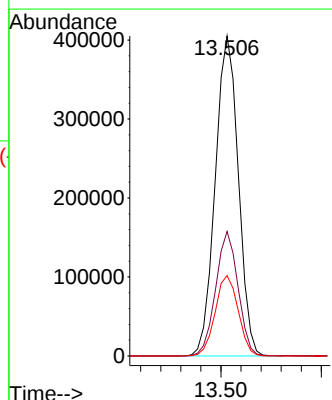
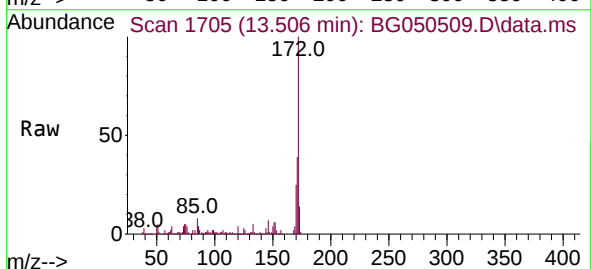
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

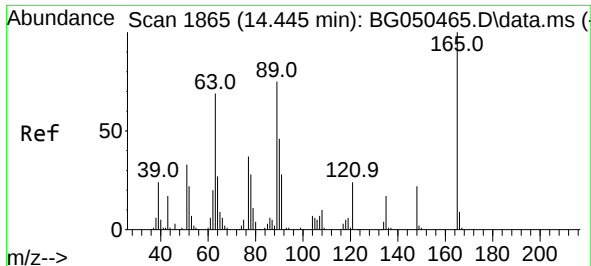
Tgt Ion:330 Resp: 120094
Ion Ratio Lower Upper
330 100
332 88.7 77.3 115.9
141 50.4 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 77.404 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:172 Resp: 646193
Ion Ratio Lower Upper
172 100
171 38.9 28.6 43.0
170 25.1 18.6 27.8

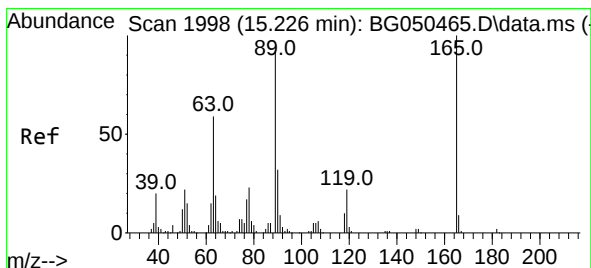
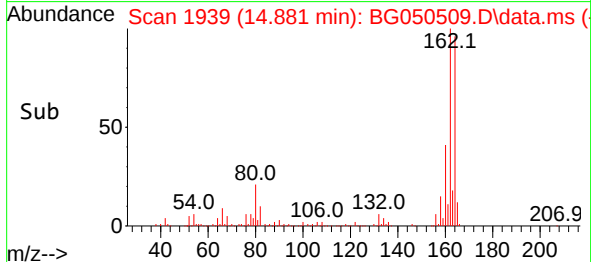
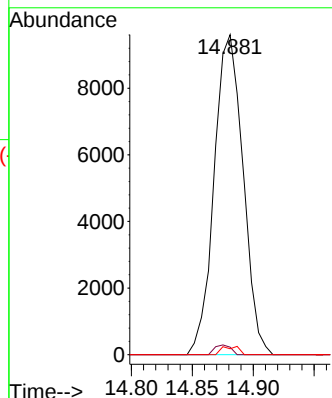
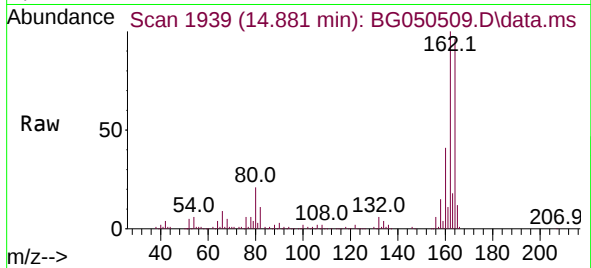




#51
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.436 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

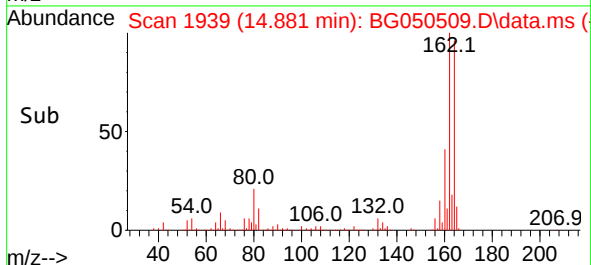
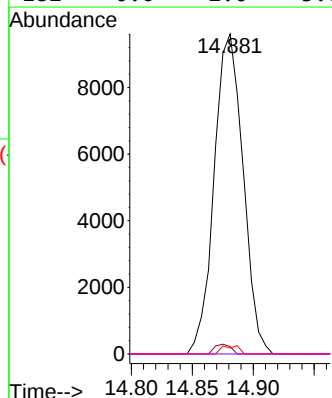
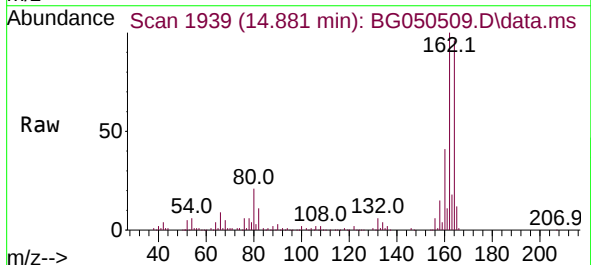
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P287-DITCH

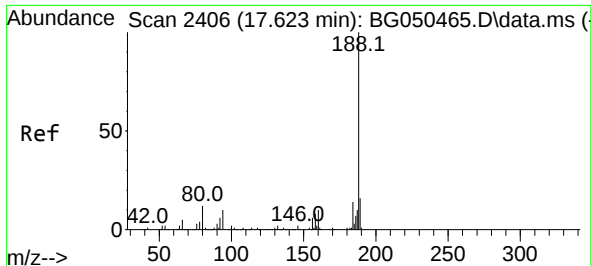
Tgt Ion:165 Resp: 15848
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 1.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.911 ng
RT: 14.881 min Scan# 1939
Delta R.T. -0.345 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:165 Resp: 15848
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#

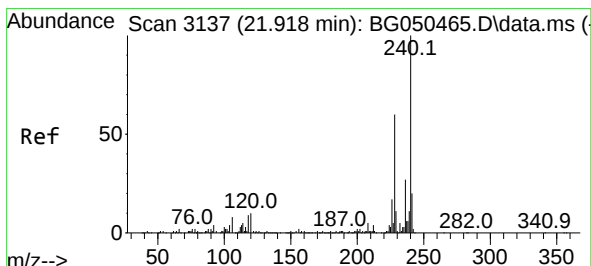
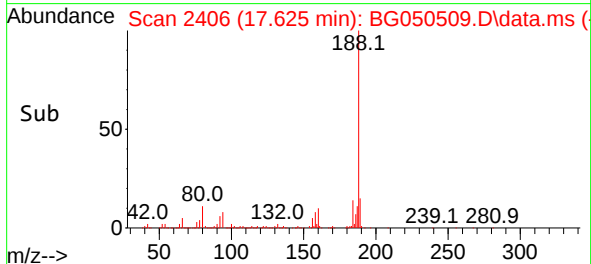
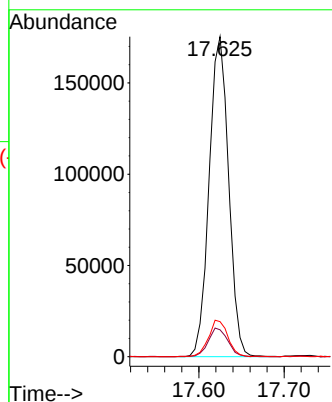
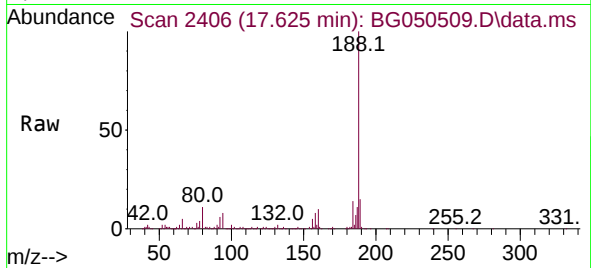




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

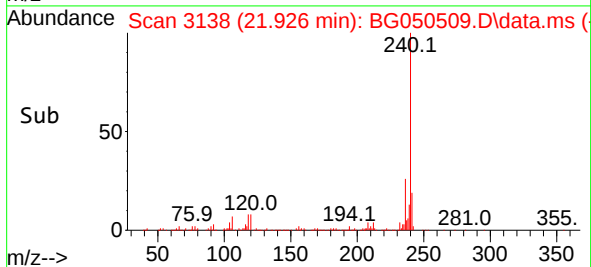
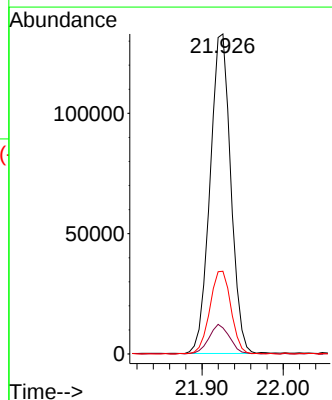
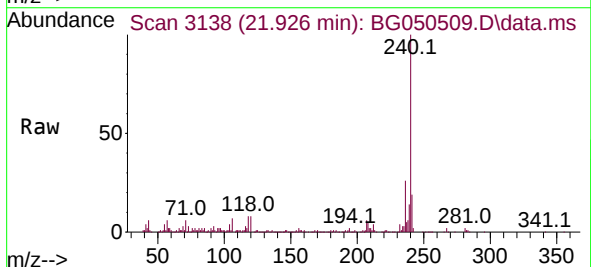
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

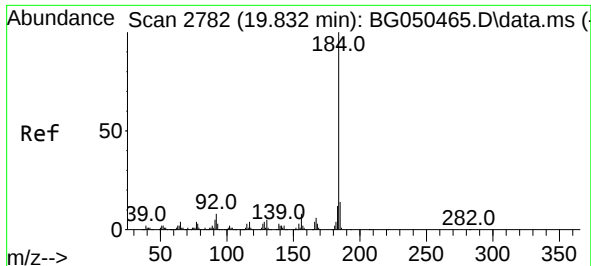
Tgt Ion:188 Resp: 278611
Ion Ratio Lower Upper
188 100
94 8.4 5.4 8.0#
80 11.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3138
Delta R.T. 0.008 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

Tgt Ion:240 Resp: 234761
Ion Ratio Lower Upper
240 100
120 8.1 4.2 6.2#
236 25.8 21.8 32.6

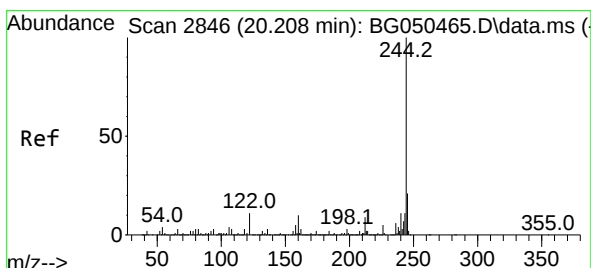
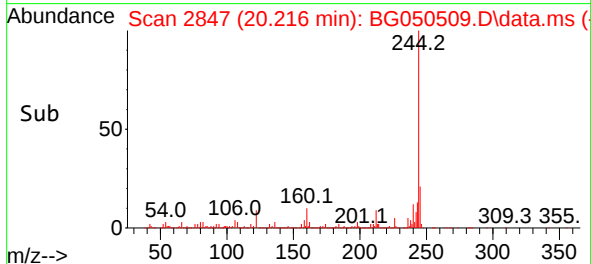
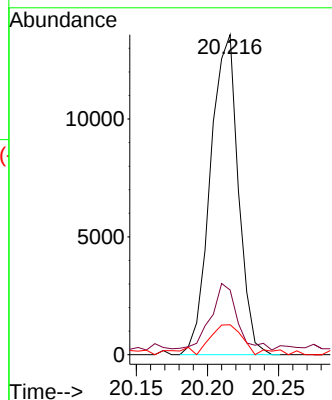
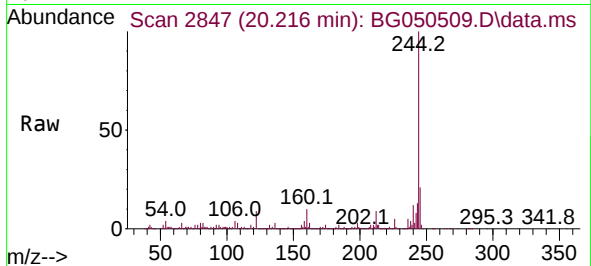




#77
Benzidine
Concen: 2.431 ng
RT: 20.216 min Scan# 2847
Delta R.T. 0.384 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

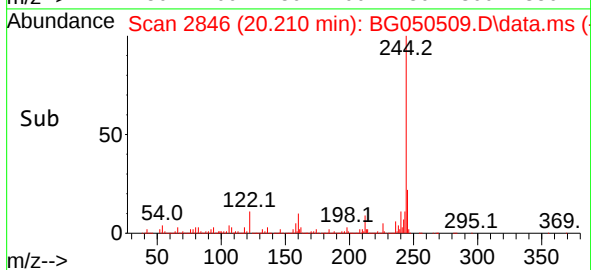
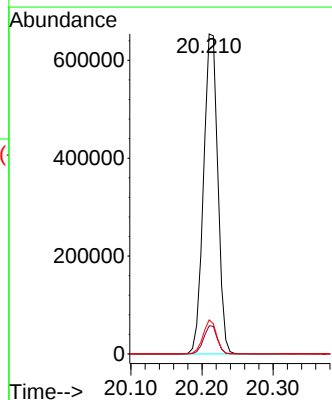
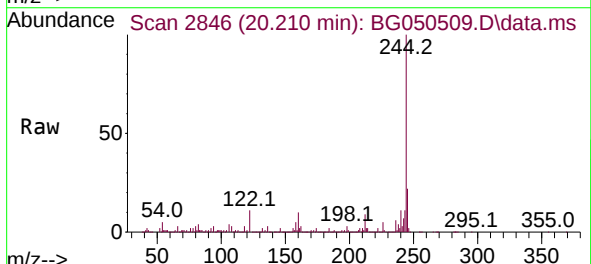
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

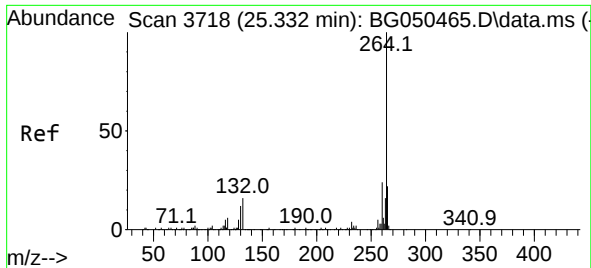
Tgt Ion:184 Resp: 18500
Ion Ratio Lower Upper
184 100
185 20.2 10.7 16.1#
183 9.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 75.937 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG050509.D
Acq: 8 Oct 2021 14:41

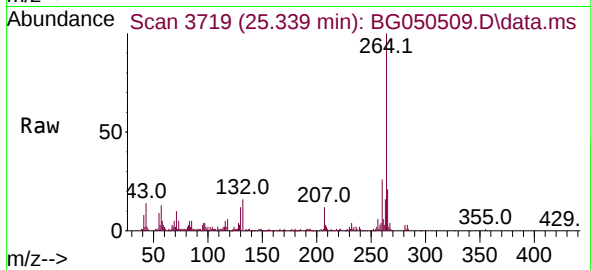
Tgt Ion:244 Resp: 914754
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 10.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 3719
 Delta R.T. 0.008 min
 Lab File: BG050509.D
 Acq: 8 Oct 2021 14:41

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH



Tgt Ion:264 Resp: 236774

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	21.5	16.9	25.3

