

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051081.D
 Acq On : 17 Nov 2021 00:42
 Operator : CG/JU
 Sample : M4684-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-5-111221

Quant Time: Nov 17 01:16:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

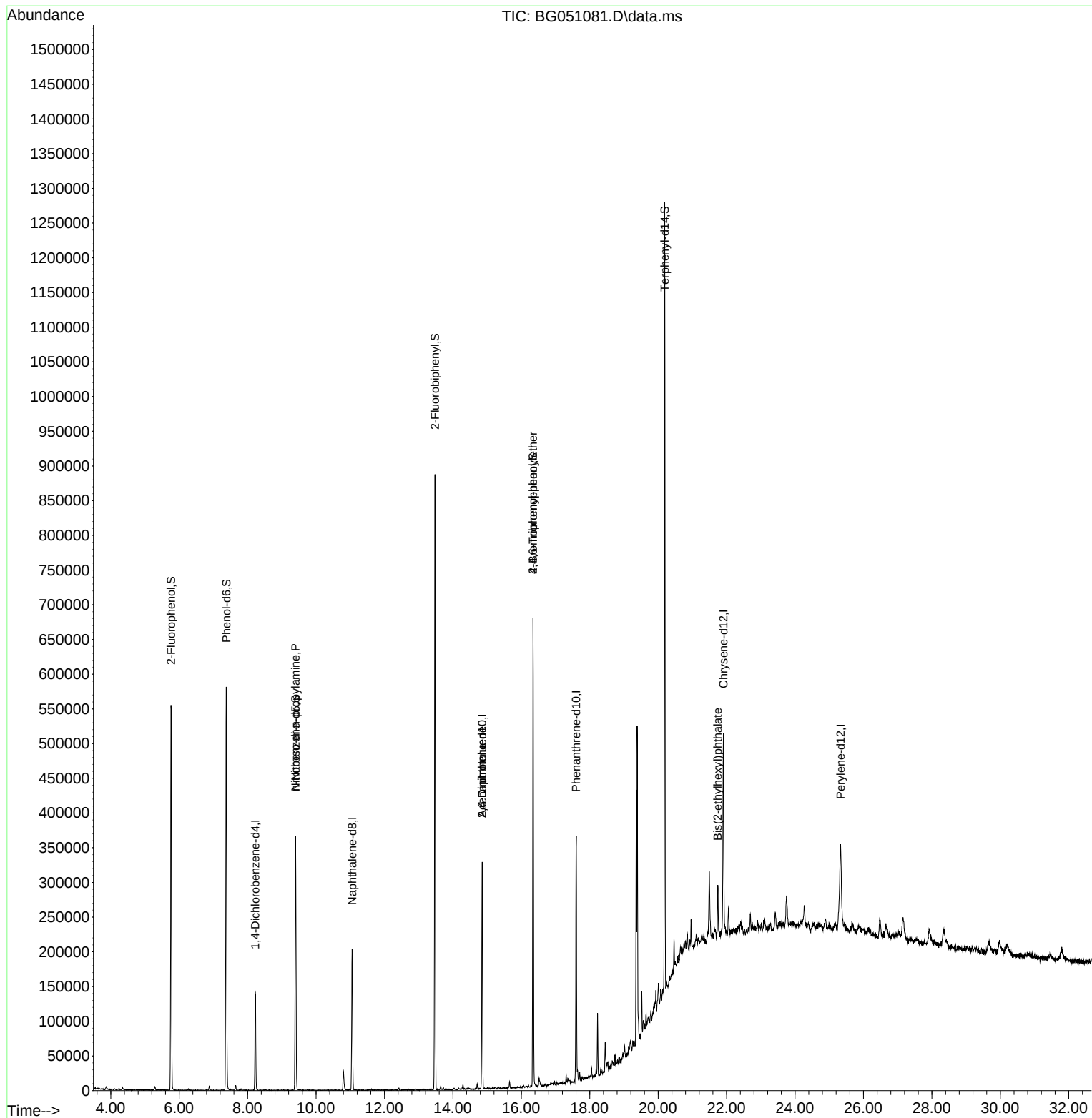
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	40396	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	176043	20.000	ng	# 0.00
39) Acenaphthene-d10	14.856	164	115117	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	225792	20.000	ng	# 0.00
76) Chrysene-d12	21.907	240	181925	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	158801	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	251278	93.051	ng	0.00
7) Phenol-d6	7.377	99	341732	89.657	ng	0.00
23) Nitrobenzene-d5	9.404	82	242237	60.911	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	107789	93.566	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	450647	61.853	ng	0.00
79) Terphenyl-d14	20.191	244	513014	51.598	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.404	70	34892	12.388	ng	# 67
51) 2,6-Dinitrotoluene	14.856	165	14789	7.933	ng	# 10
57) 2,4-Dinitrotoluene	14.856	165	14789	5.591	ng	# 15
67) 4-Bromophenyl-phenylether	16.343	248	8364	3.536	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.742	149	30966	3.749	ng	99

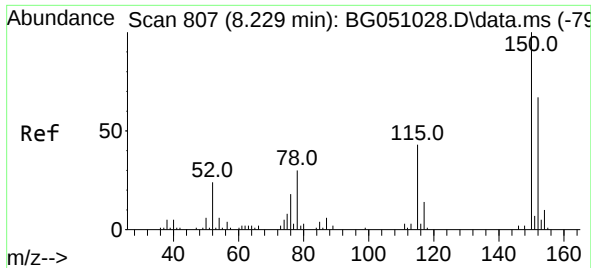
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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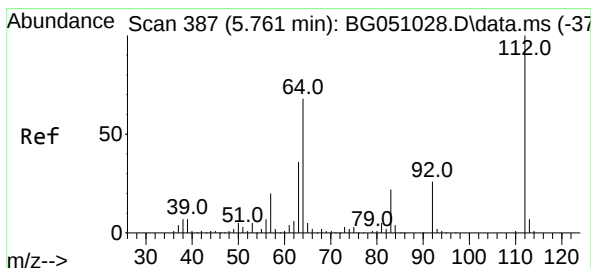
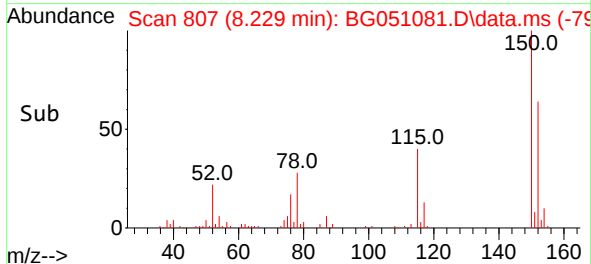
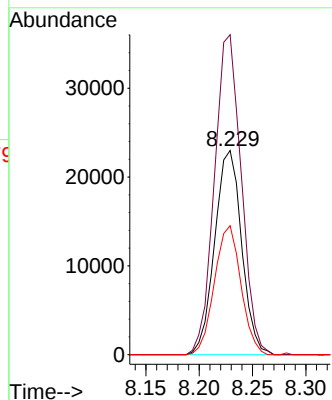
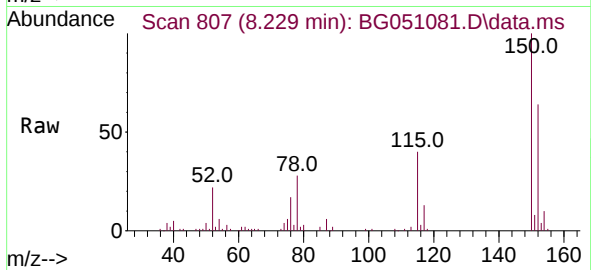




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

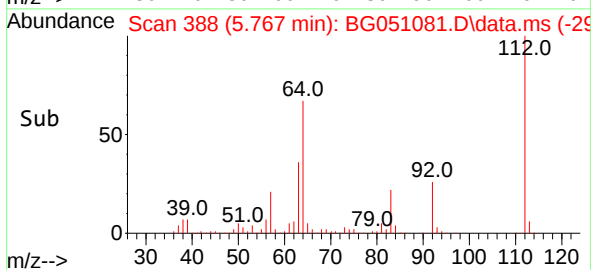
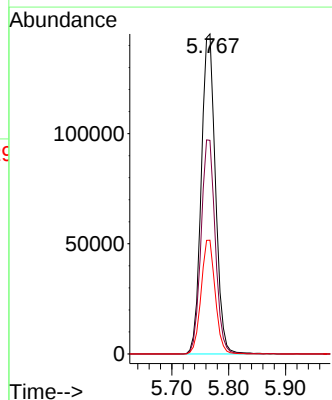
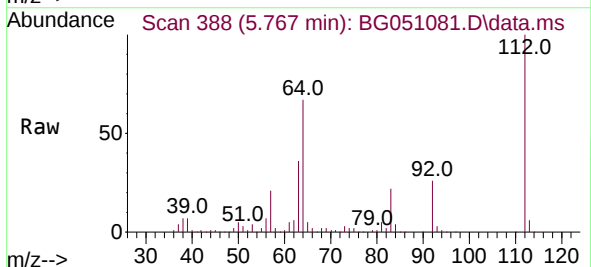
Instrument :
BNA_G
ClientSampleId :
AU-5-111221

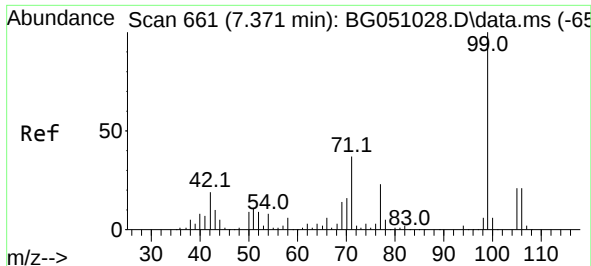
Tgt Ion:152 Resp: 40396
Ion Ratio Lower Upper
152 100
150 156.7 119.4 179.0
115 63.2 60.2 90.4



#5
2-Fluorophenol
Concen: 93.051 ng
RT: 5.767 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Tgt Ion:112 Resp: 251278
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 35.6 35.3 52.9

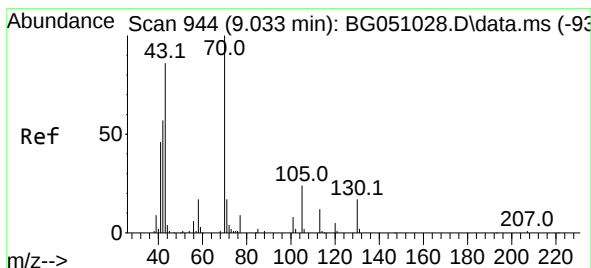
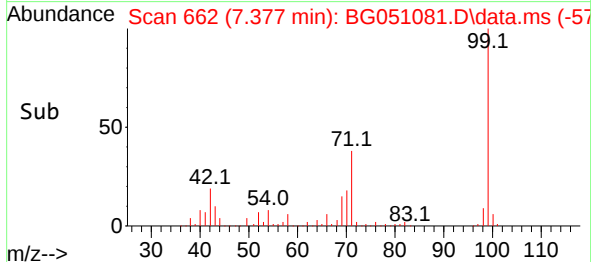
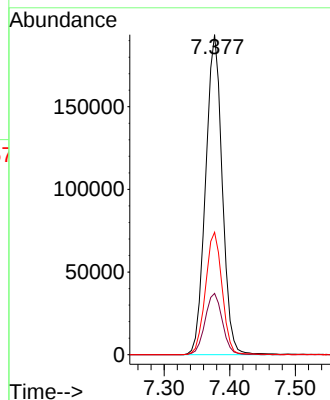
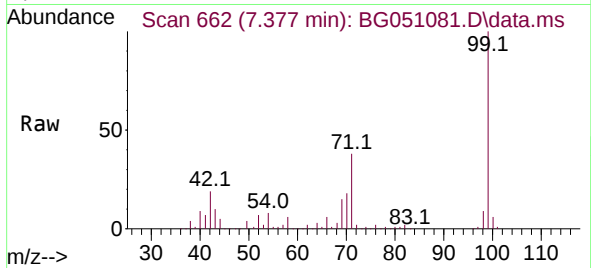




#7
Phenol-d6
Concen: 89.657 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

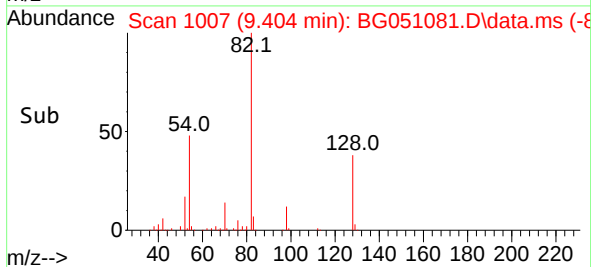
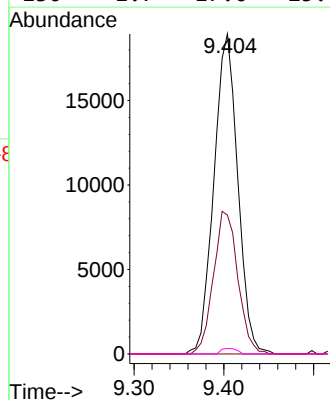
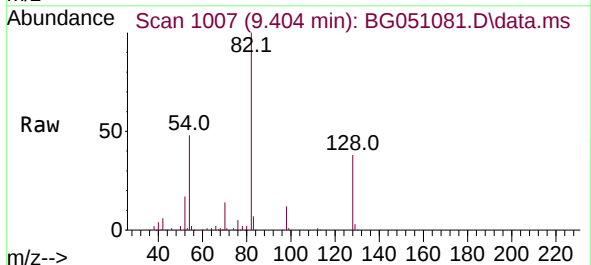
Instrument :
BNA_G
ClientSampleId :
AU-5-111221

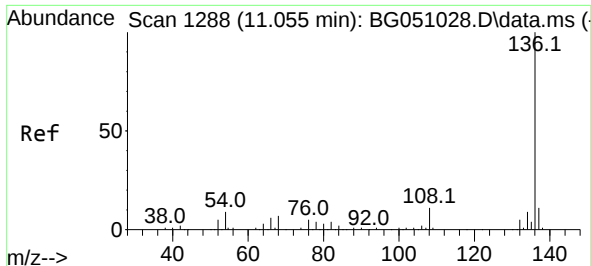
Tgt Ion: 99 Resp: 341732
Ion Ratio Lower Upper
99 100
42 19.2 20.5 30.7#
71 38.2 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.388 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.370 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Tgt Ion: 70 Resp: 34892
Ion Ratio Lower Upper
70 100
42 43.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#

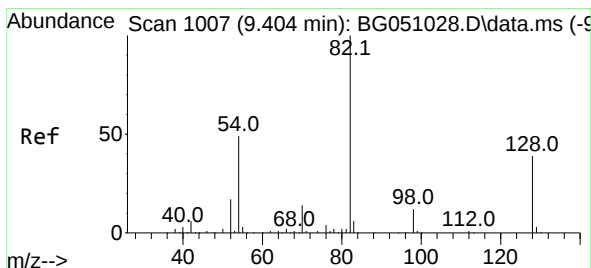
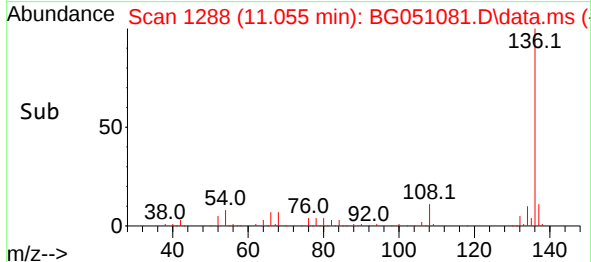
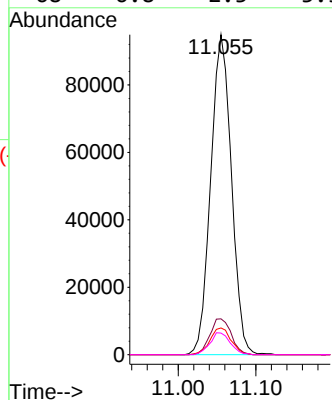
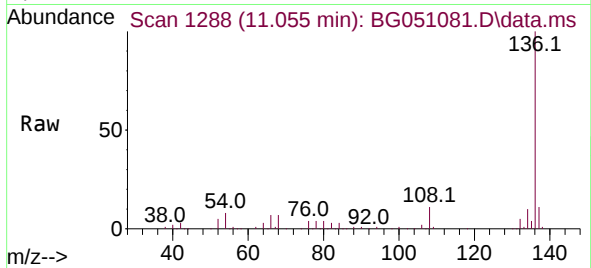




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

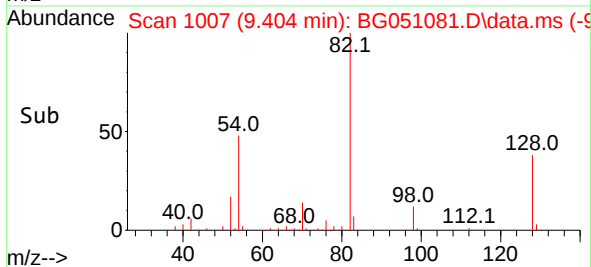
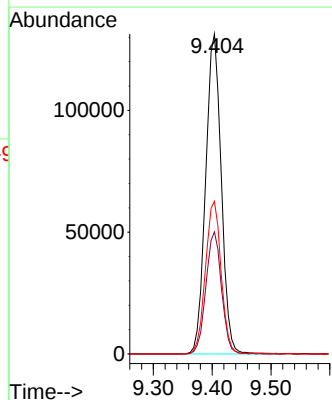
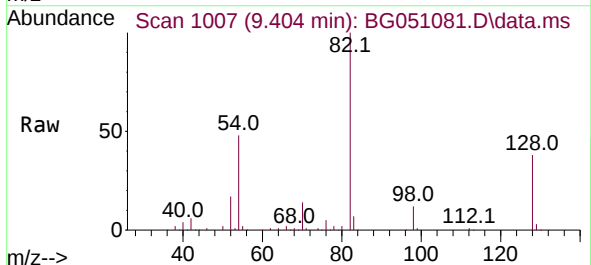
Instrument :
BNA_G
ClientSampleId :
AU-5-111221

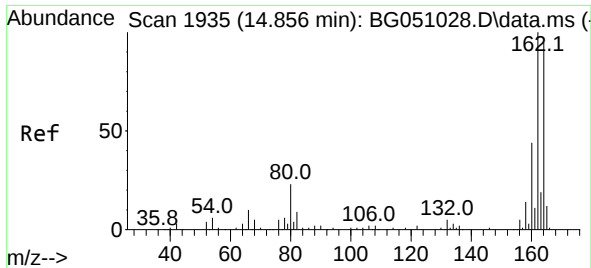
Tgt Ion:	136	Resp:	176043
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.2	12.2
54	8.4	5.5	8.3#
68	6.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 60.911 ng
RT: 9.404 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

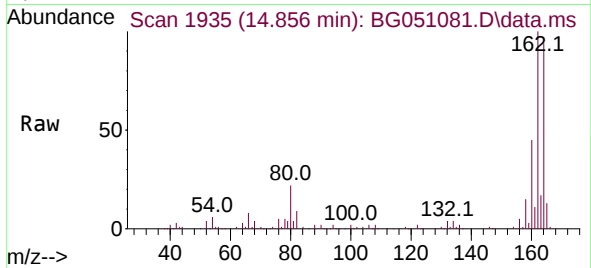
Tgt Ion:	82	Resp:	242237
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.8	44.6
54	47.7	45.8	68.8



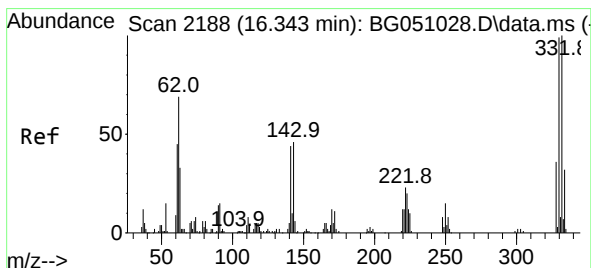
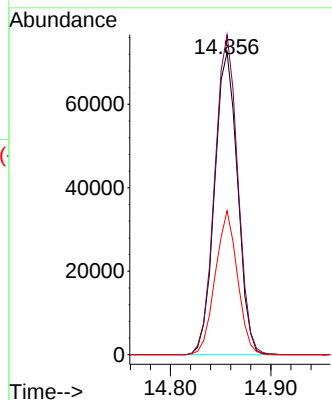
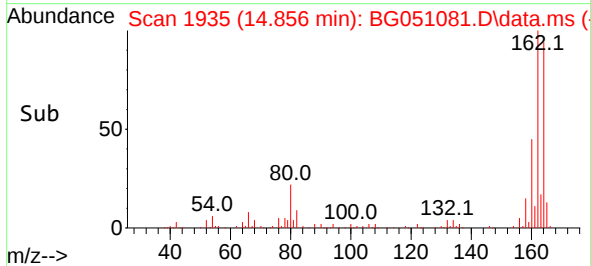


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.856 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BG051081.D
 Acq: 17 Nov 2021 00:42

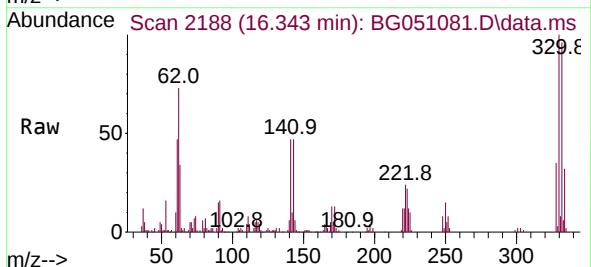
Instrument :
 BNA_G
 ClientSampleId :
 AU-5-111221



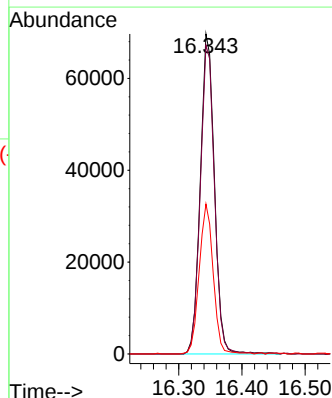
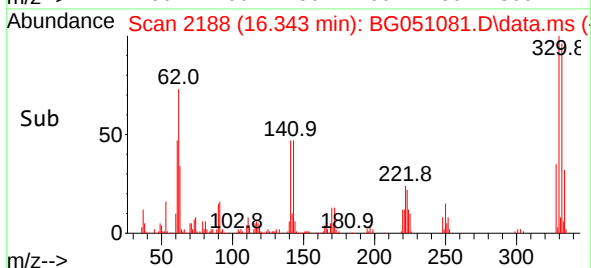
Tgt Ion:164 Resp: 115117
 Ion Ratio Lower Upper
 164 100
 162 105.8 81.4 122.0
 160 47.6 34.9 52.3

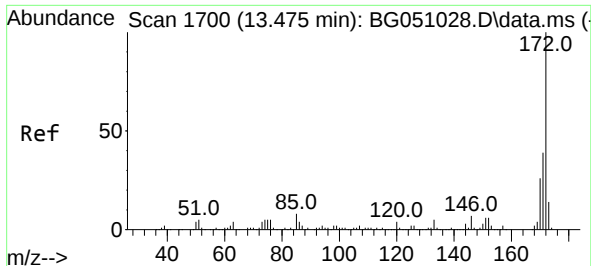


#42
 2,4,6-Tribromophenol
 Concen: 93.566 ng
 RT: 16.343 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: BG051081.D
 Acq: 17 Nov 2021 00:42



Tgt Ion:330 Resp: 107789
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 46.6 35.6 53.4

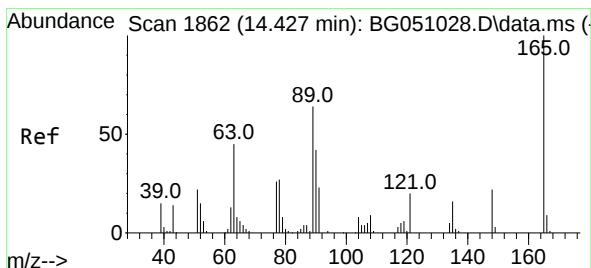
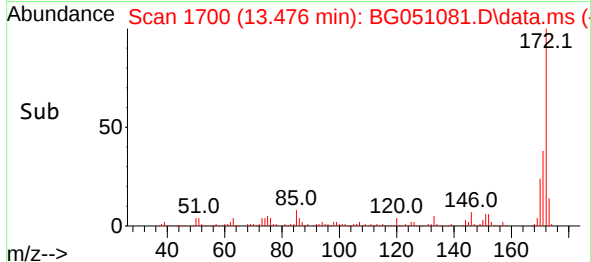
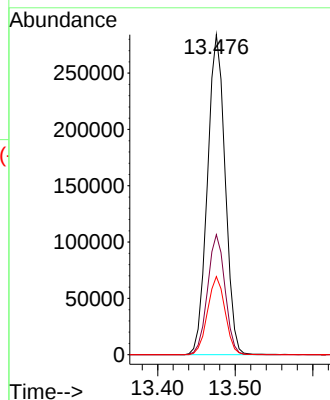
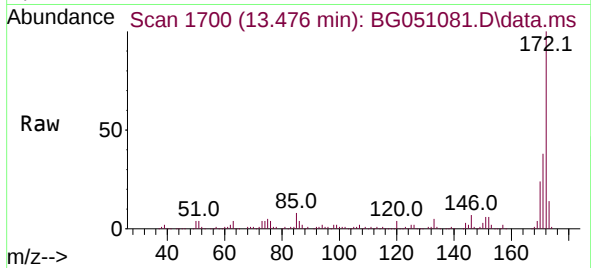




#45
2-Fluorobiphenyl
Concen: 61.853 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

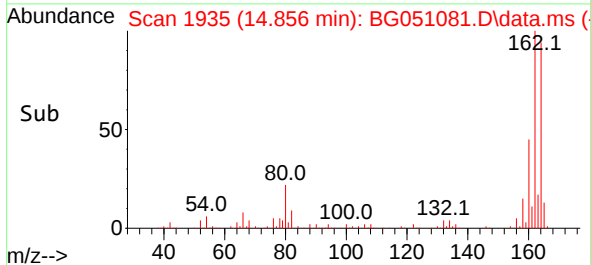
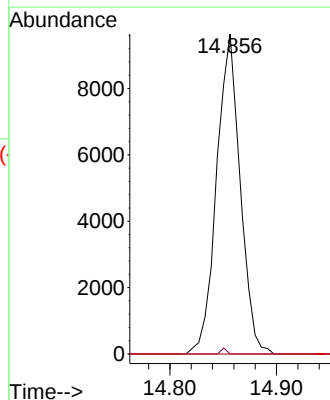
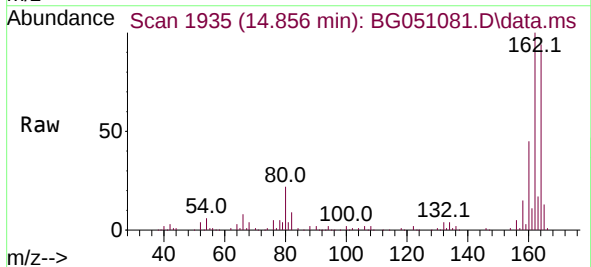
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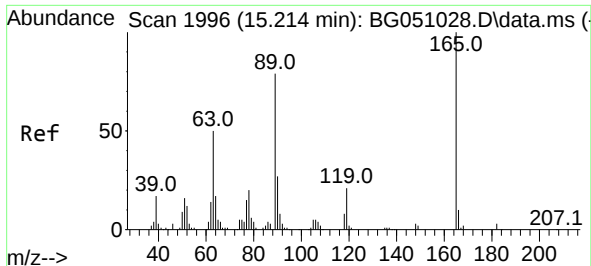
Tgt Ion:172 Resp: 450647
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.933 ng
RT: 14.856 min Scan# 1935
Delta R.T. 0.429 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Tgt Ion:165 Resp: 14789
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

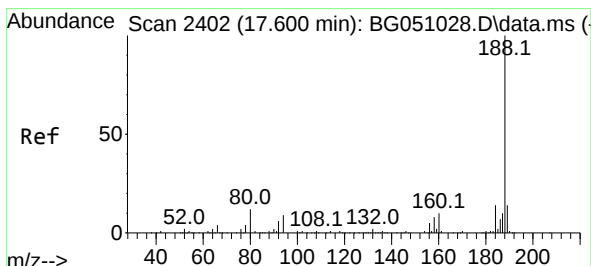
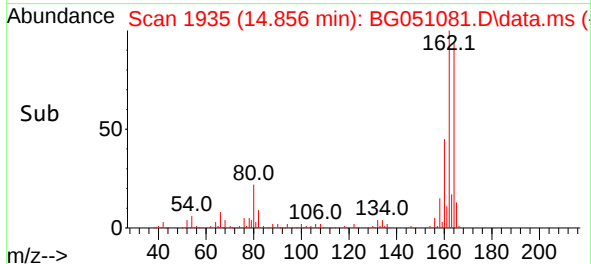
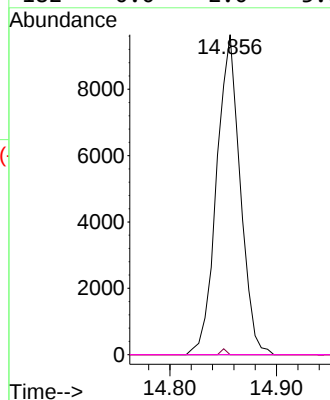
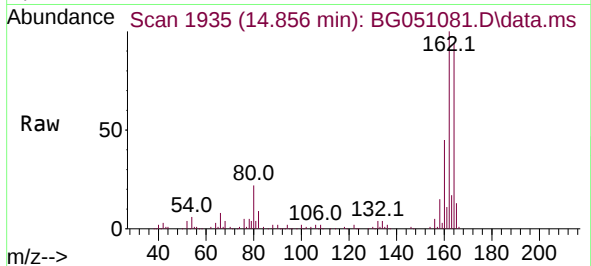




#57
2,4-Dinitrotoluene
Concen: 5.591 ng
RT: 14.856 min Scan# 1935
Delta R.T. -0.358 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

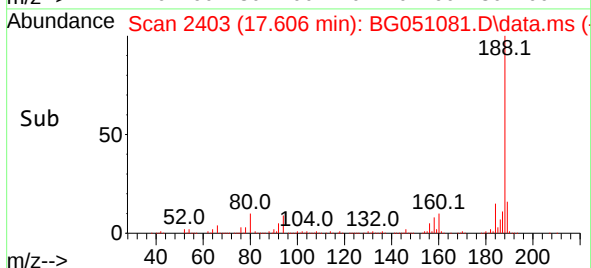
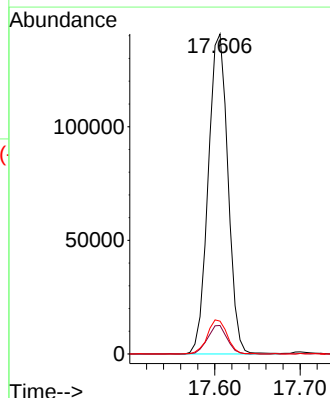
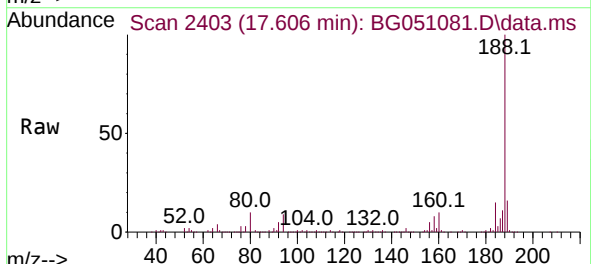
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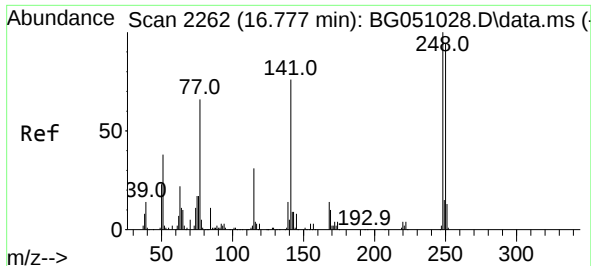
Tgt Ion:	165	Resp:	14789
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Tgt Ion:	188	Resp:	225792
Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.4	8.0#
80	10.2	3.7	5.5#

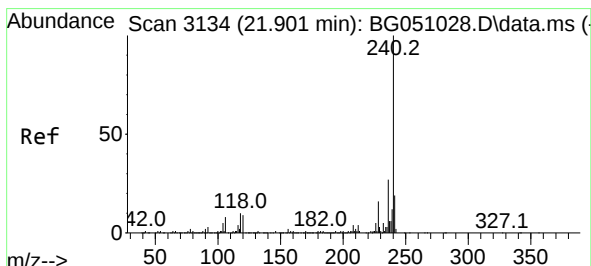
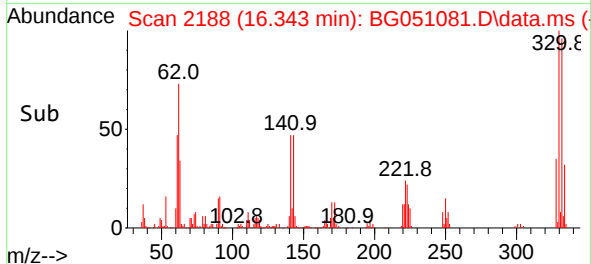
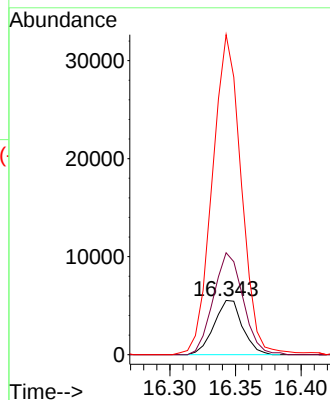
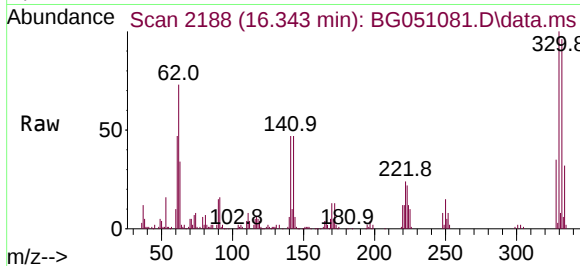




#67
4-Bromophenyl-phenylether
Concen: 3.536 ng
RT: 16.343 min Scan# 2188
Delta R.T. -0.434 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

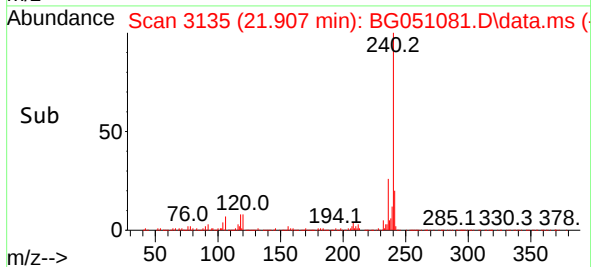
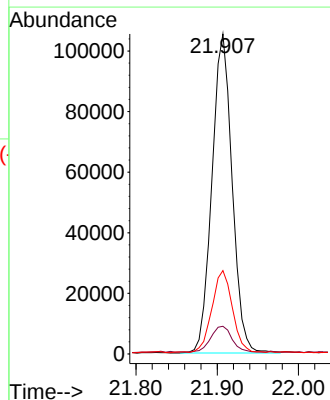
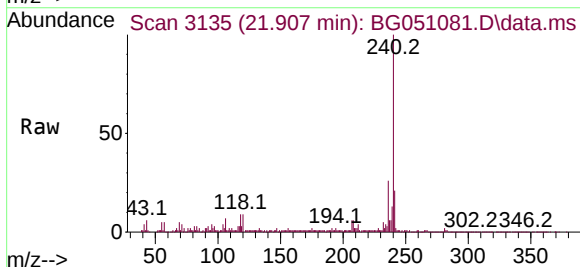
Instrument :
BNA_G
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AU-5-111221

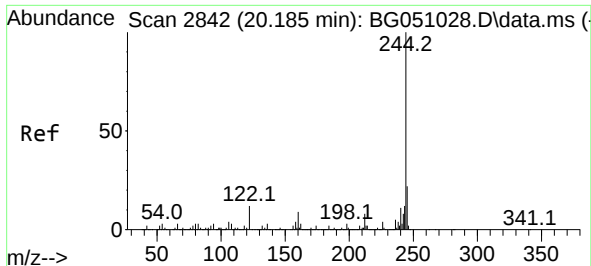
Tgt Ion:248 Resp: 8364
Ion Ratio Lower Upper
248 100
250 188.3 76.1 114.1#
141 590.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.907 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Tgt Ion:240 Resp: 181925
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 26.0 21.8 32.6

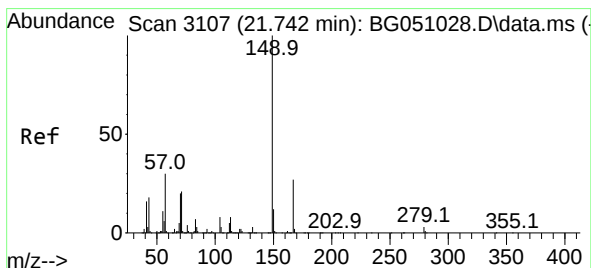
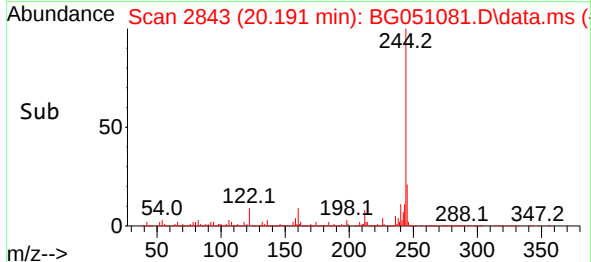
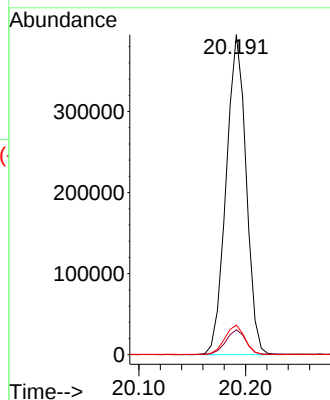
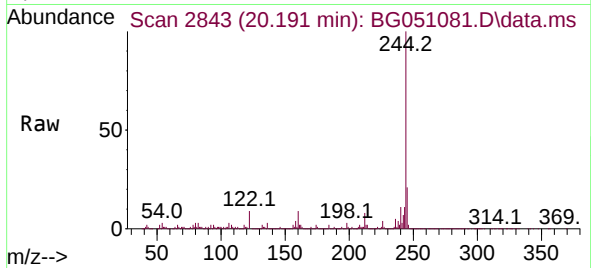




#79
 Terphenyl-d14
 Concen: 51.598 ng
 RT: 20.191 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG051081.D
 Acq: 17 Nov 2021 00:42

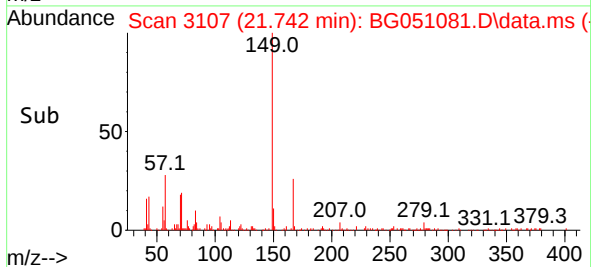
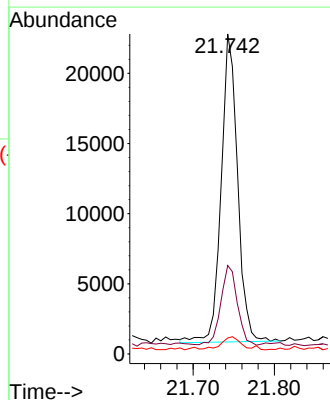
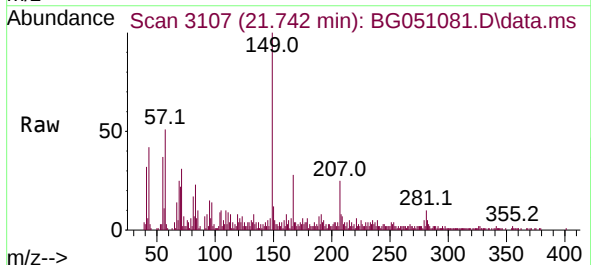
Instrument :
 BNA_G
 ClientSampleId :
 AU-5-111221

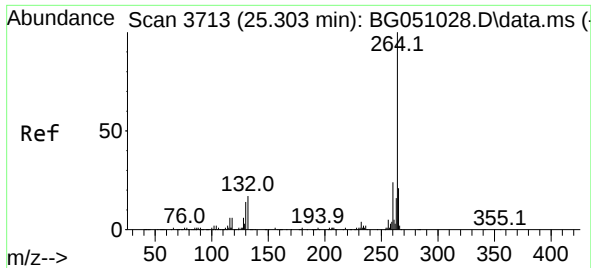
Tgt Ion:244 Resp: 513014
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 9.2 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.749 ng
 RT: 21.742 min Scan# 3107
 Delta R.T. 0.000 min
 Lab File: BG051081.D
 Acq: 17 Nov 2021 00:42

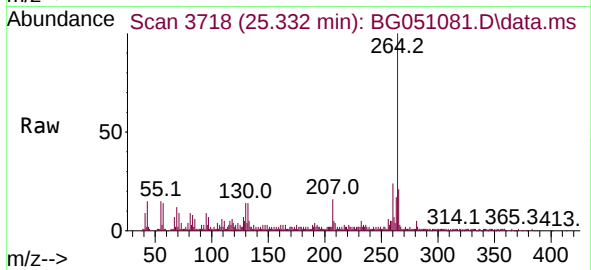
Tgt Ion:149 Resp: 30966
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.3 33.5
 279 5.0 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 31
Delta R.T. 0.030 min
Lab File: BG051081.D
Acq: 17 Nov 2021 00:42

Instrument :
BNA_G
ClientSampleId :
AU-5-111221



Tgt Ion:264 Resp: 158801
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.6 16.9 25.3

