

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052354.D
 Acq On : 10 Feb 2022 15:04
 Operator : CG/JU
 Sample : N1424-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DB-10(22-25)-02-04-22

Quant Time: Feb 10 16:00:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

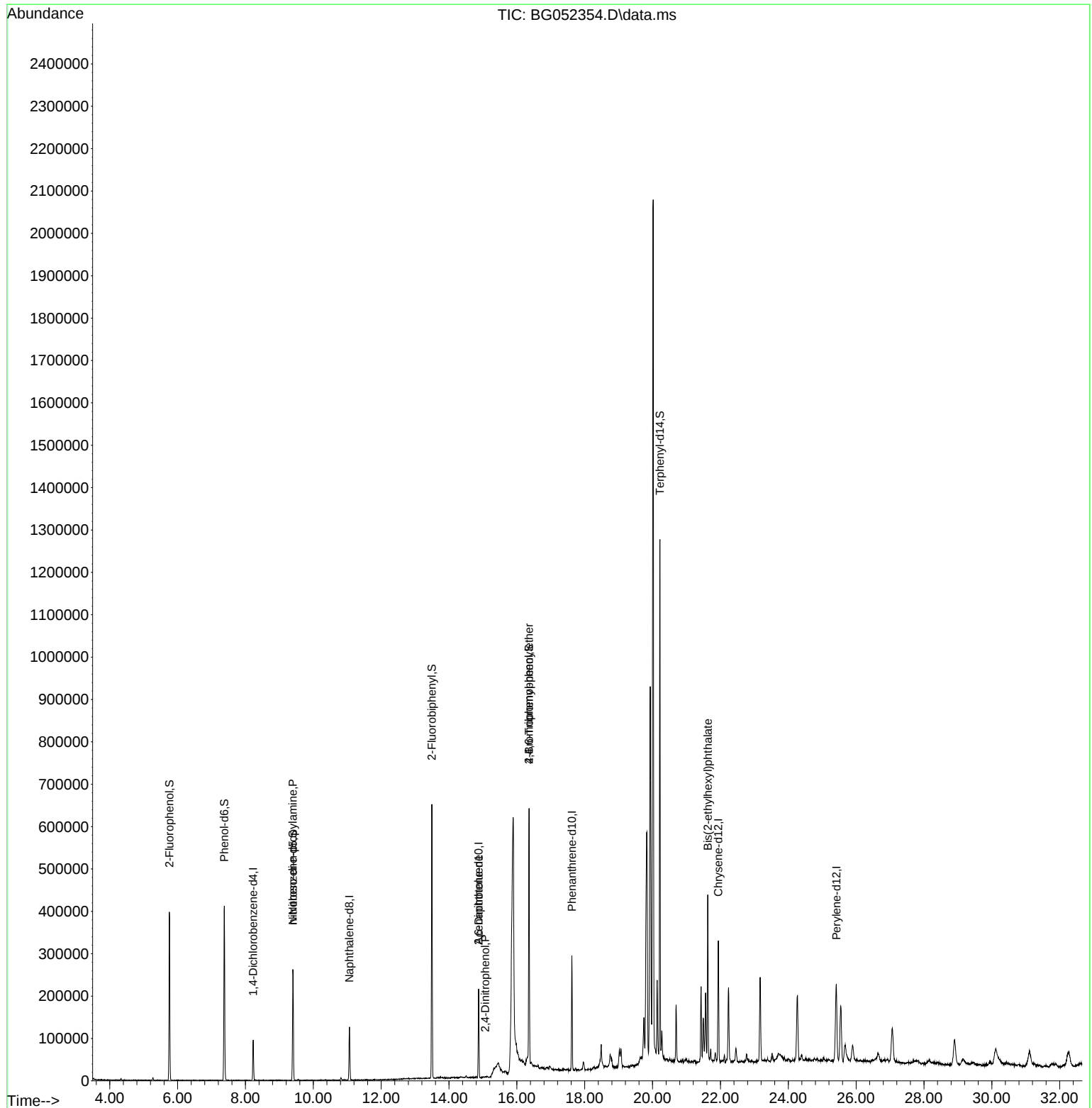
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	27557	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	106533	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	72892	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	170428	20.000	ng	0.00
76) Chrysene-d12	21.939	240	187808	20.000	ng	0.00
86) Perylene-d12	25.417	264	201601	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	171969	108.763	ng	0.00
7) Phenol-d6	7.377	99	237944	97.534	ng	0.00
23) Nitrobenzene-d5	9.398	82	162870	66.444	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	116213	110.974	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	343299	65.443	ng	0.00
79) Terphenyl-d14	20.218	244	619396	58.239	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.365	77	561	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	22753	12.371	ng	# 77
51) 2,6-Dinitrotoluene	14.873	165	9875	8.195	ng	# 17
54) 2,4-Dinitrophenol	15.072	184	62	4.980	ng	# 17
67) 4-Bromophenyl-phenylether	16.359	248	7173	3.461	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.628	149	159125	26.289	ng	# 54

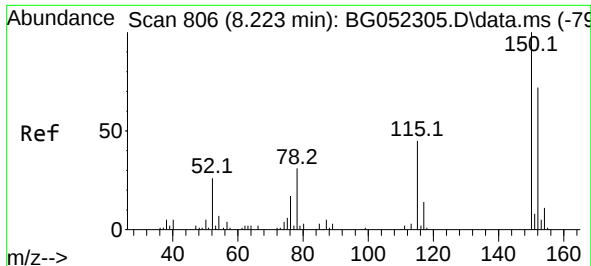
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

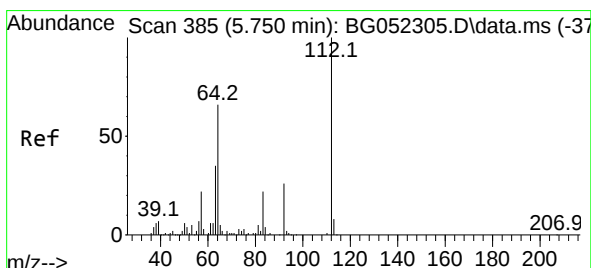
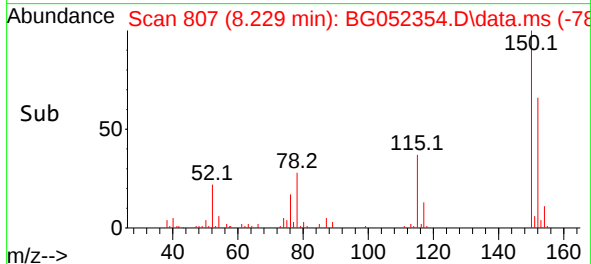
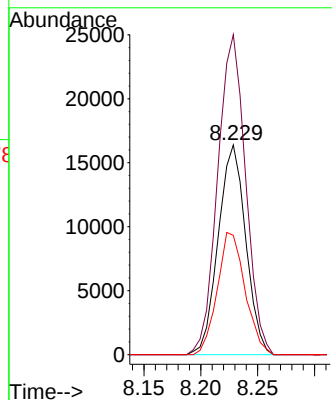
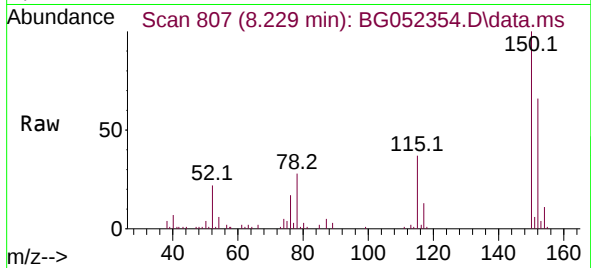




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

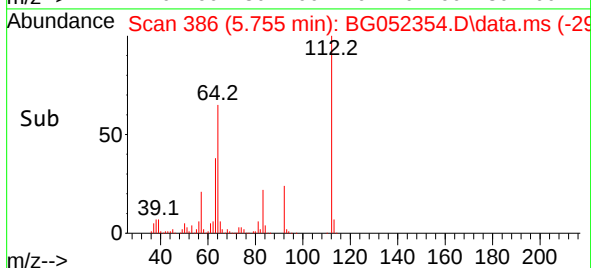
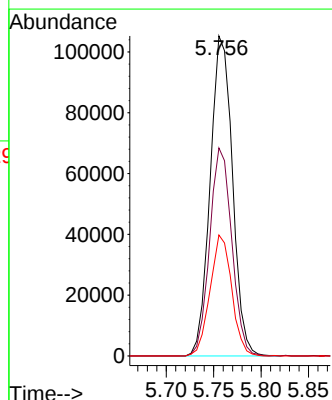
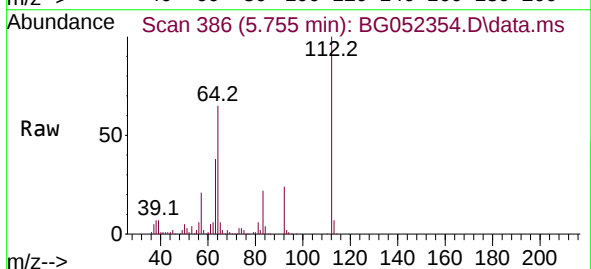
Instrument :
BNA_G
ClientSampleId :
DB-10(22-25)-02-04-22

Tgt Ion:152 Resp: 27557
Ion Ratio Lower Upper
152 100
150 152.6 117.8 176.8
115 56.9 50.2 75.2



#5
2-Fluorophenol
Concen: 108.763 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:112 Resp: 171969
Ion Ratio Lower Upper
112 100
64 65.0 60.4 90.6
63 37.8 33.3 49.9

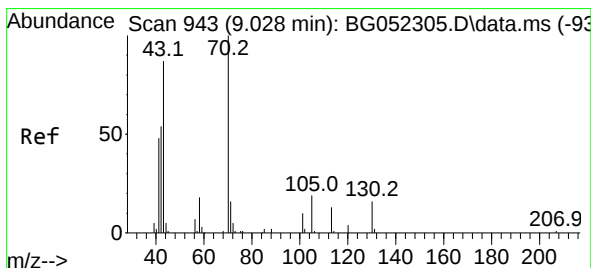
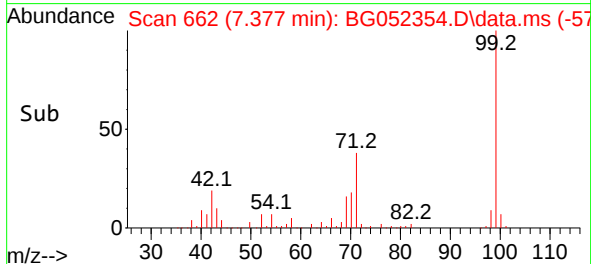
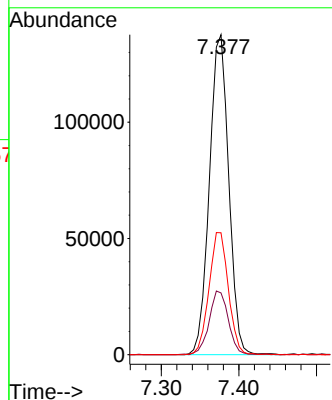
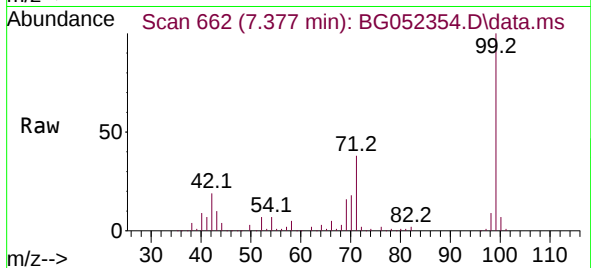




#7
Phenol-d6
Concen: 97.534 ng
RT: 7.377 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

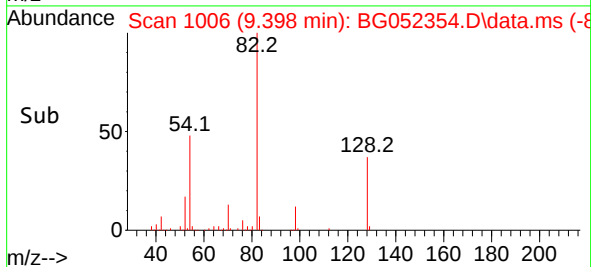
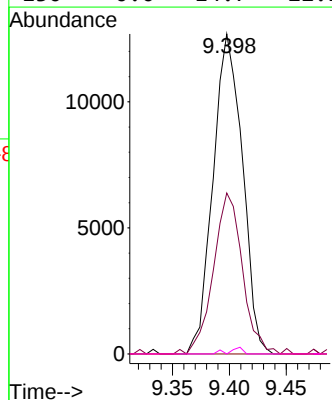
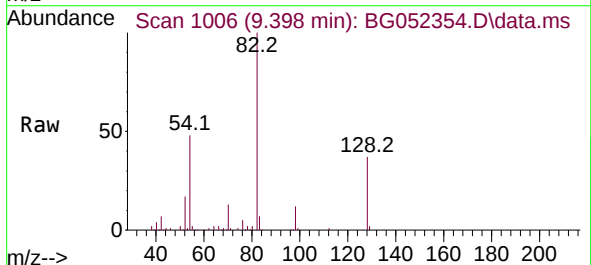
Instrument :
BNA_G
ClientSampleId :
DB-10(22-25)-02-04-22

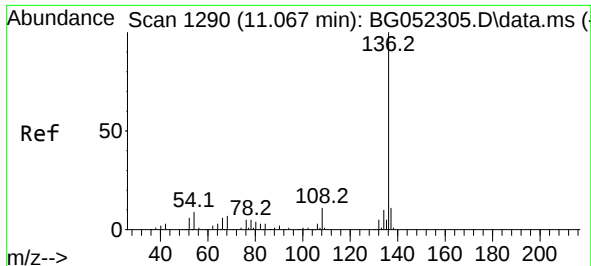
Tgt Ion: 99 Resp: 237944
Ion Ratio Lower Upper
99 100
42 19.3 19.1 28.7
71 38.1 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.371 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion: 70 Resp: 22753
Ion Ratio Lower Upper
70 100
42 50.3 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

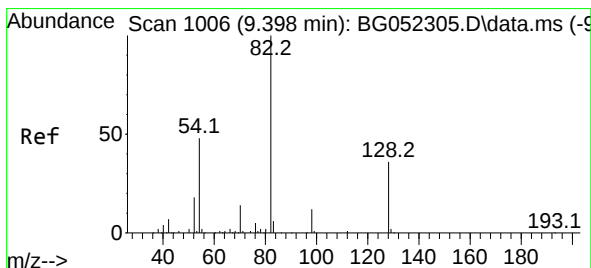
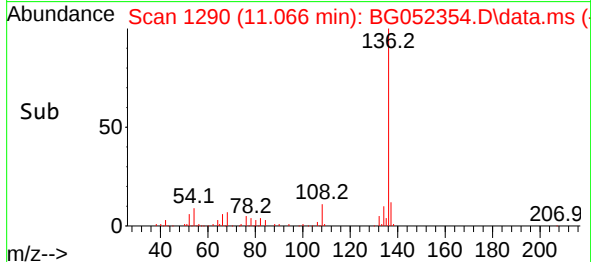
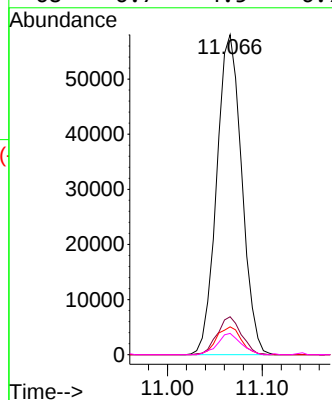
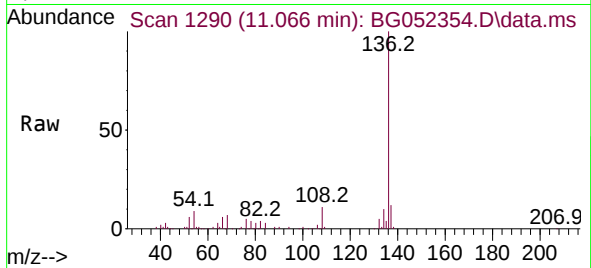




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

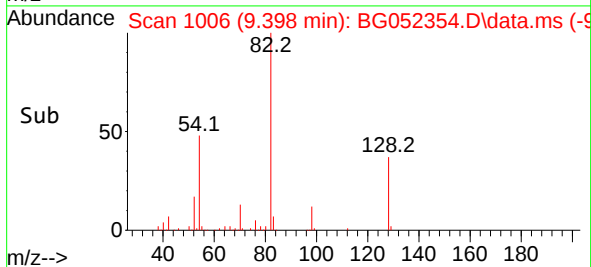
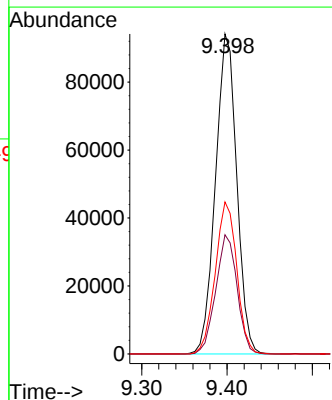
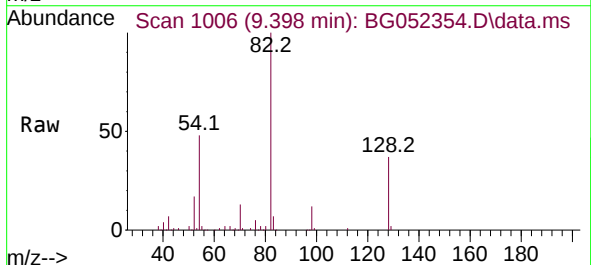
Instrument :
BNA_G
ClientSampleId :
DB-10(22-25)-02-04-22

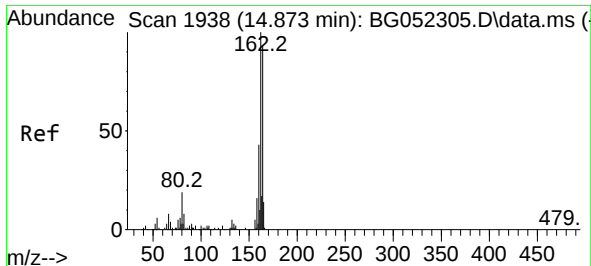
Tgt Ion:	136	Resp:	106533
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	8.7	8.3	12.5
68	6.7	4.5	6.7



#23
Nitrobenzene-d5
Concen: 66.444 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:	82	Resp:	162870
Ion	Ratio	Lower	Upper
82	100		
128	37.2	27.0	40.4
54	47.5	41.0	61.6

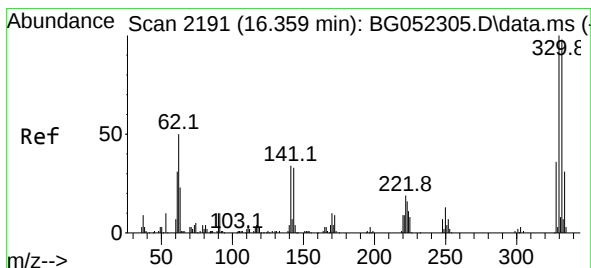
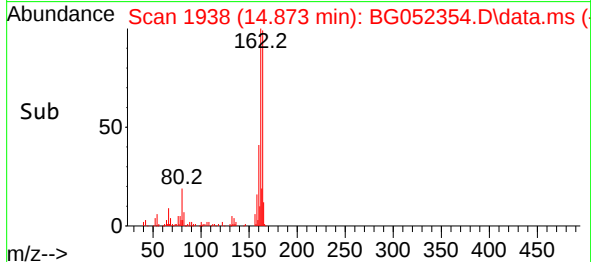
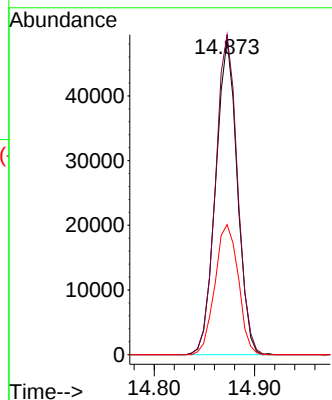
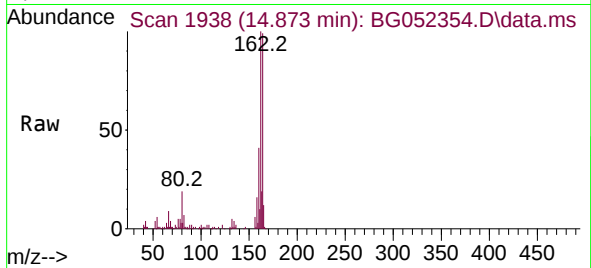




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

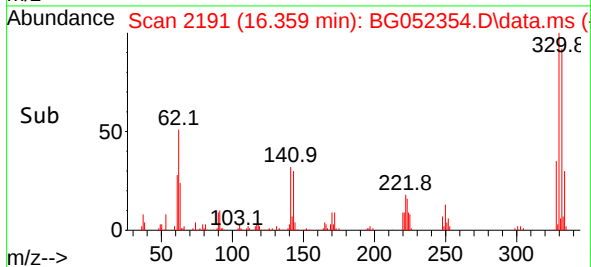
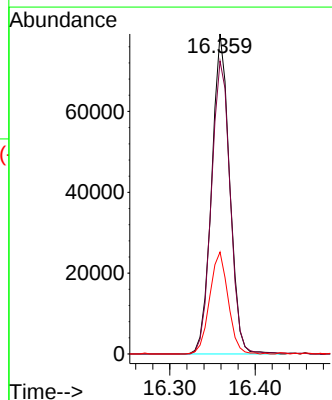
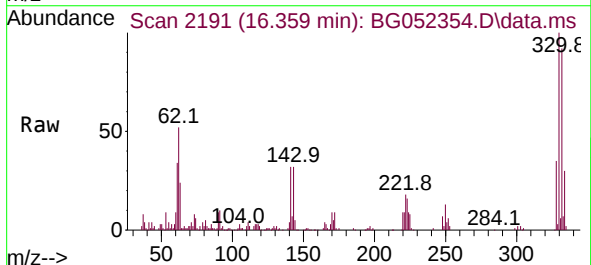
Instrument :
BNA_G
ClientSampleId :
DB-10(22-25)-02-04-22

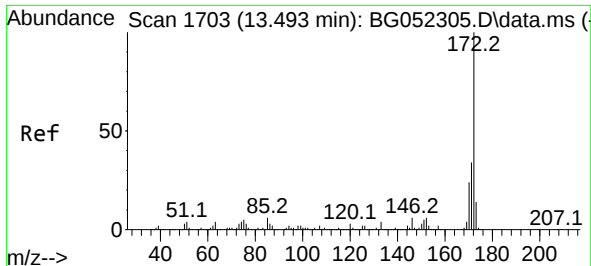
Tgt Ion:164 Resp: 72892
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 41.3 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 110.974 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:330 Resp: 116213
Ion Ratio Lower Upper
330 100
332 95.7 78.6 117.8
141 32.6 28.8 43.2

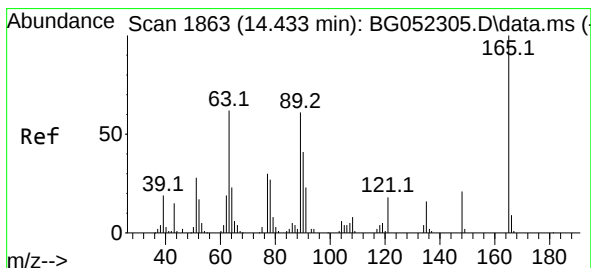
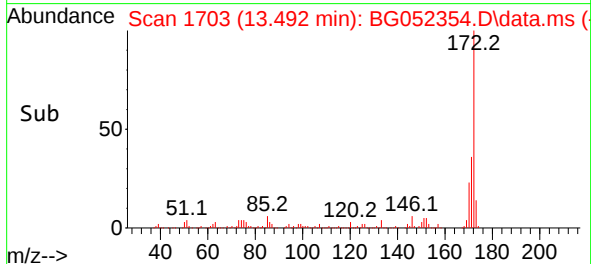
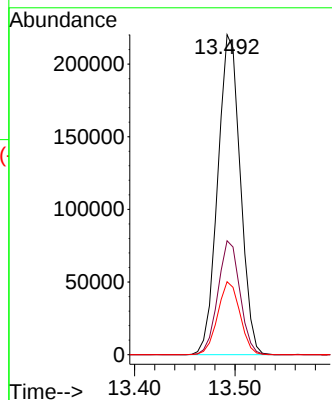
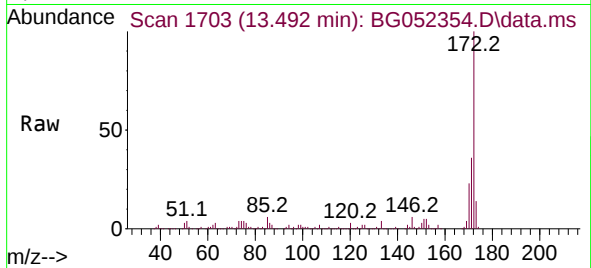




#45
2-Fluorobiphenyl
Concen: 65.443 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

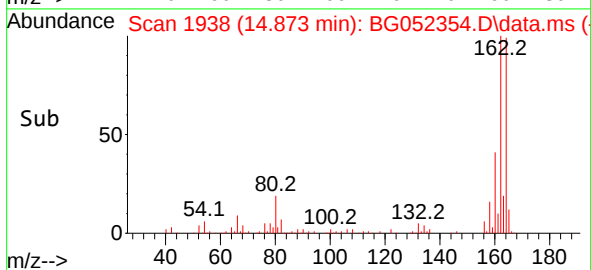
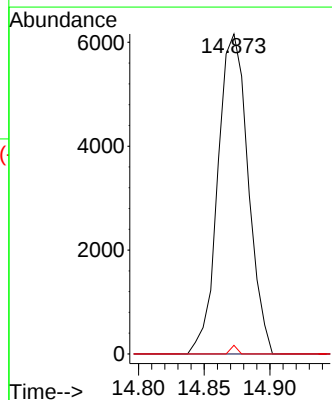
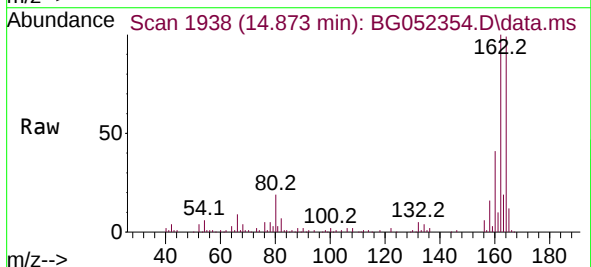
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ClientSampleId :
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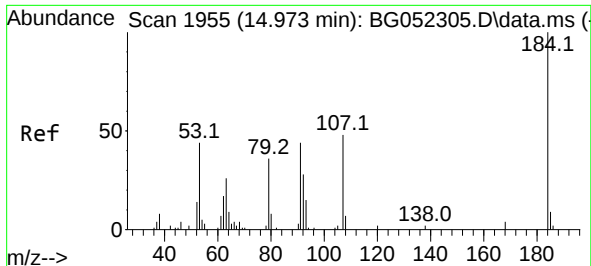
Tgt Ion:172 Resp: 343299
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 22.8 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.195 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.440 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:165 Resp: 9875
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 2.7 49.4 74.0#

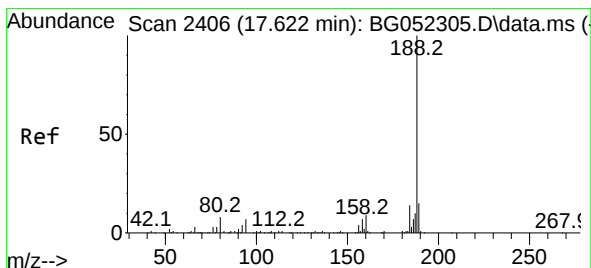
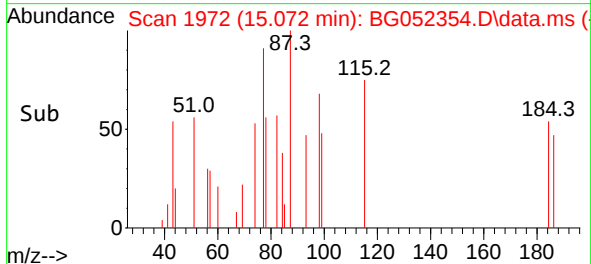
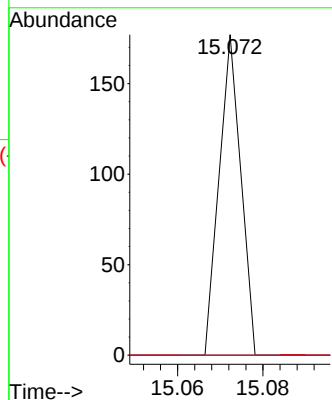
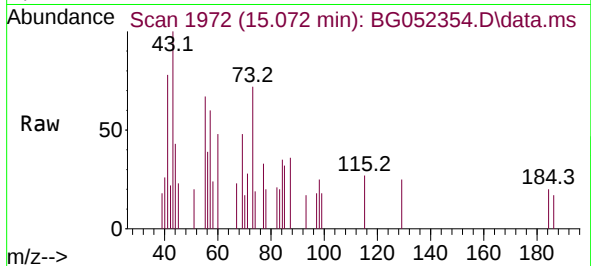




#54
2,4-Dinitrophenol
Concen: 4.980 ng
RT: 15.072 min Scan# 1955
Delta R.T. 0.099 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

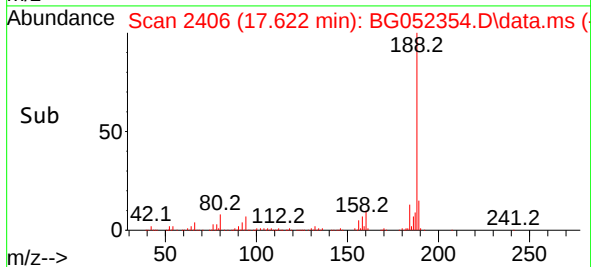
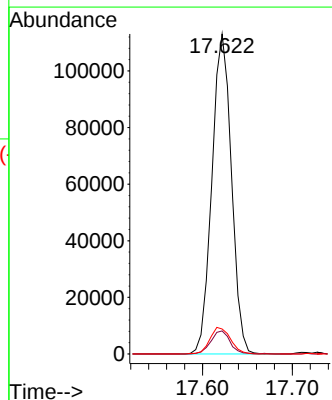
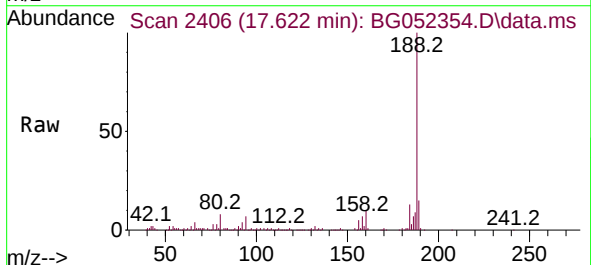
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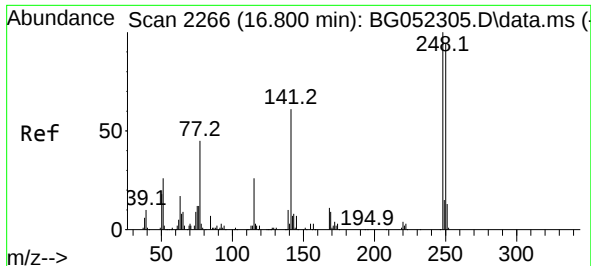
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 0.0 50.2 75.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:188 Resp: 170428
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 7.8 6.6 10.0

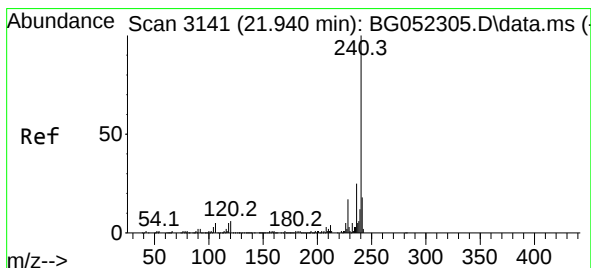
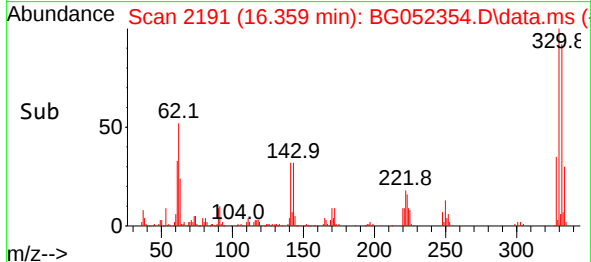
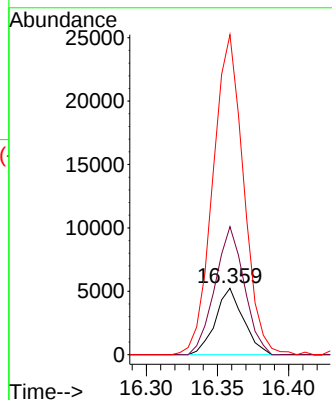
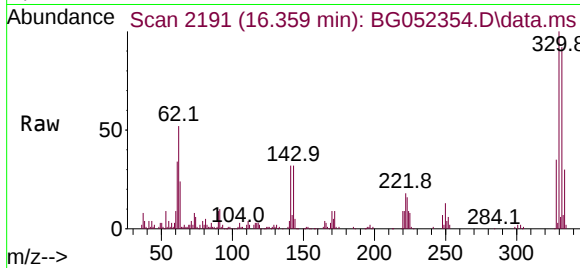




#67
4-Bromophenyl-phenylether
Concen: 3.461 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

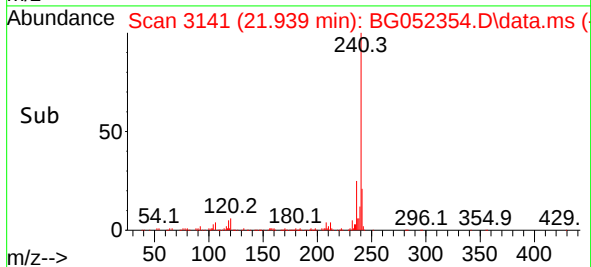
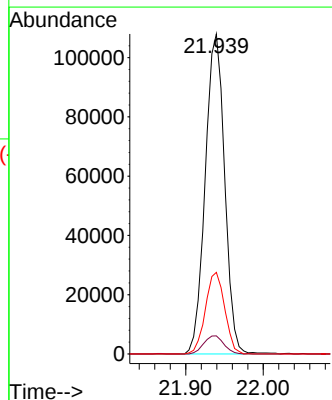
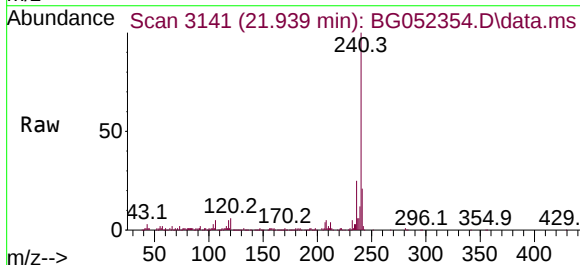
Instrument :
BNA_G
ClientSampleId :
DB-10(22-25)-02-04-22

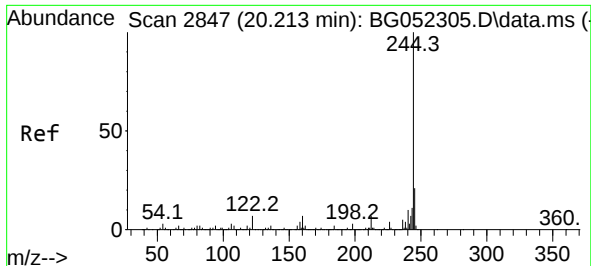
Tgt Ion:248 Resp: 7173
Ion Ratio Lower Upper
248 100
250 192.7 79.6 119.4#
141 481.5 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BG052354.D
Acq: 10 Feb 2022 15:04

Tgt Ion:240 Resp: 187808
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 25.5 20.8 31.2

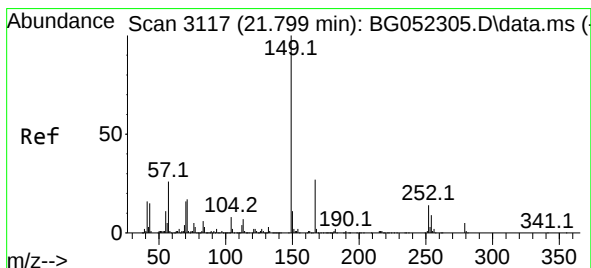
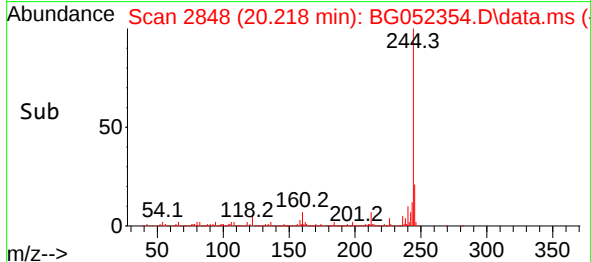
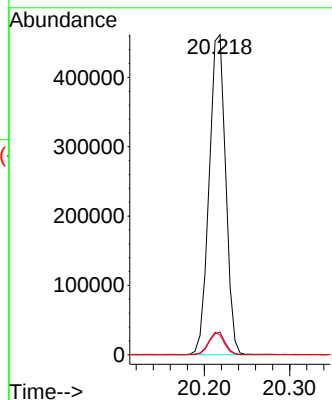
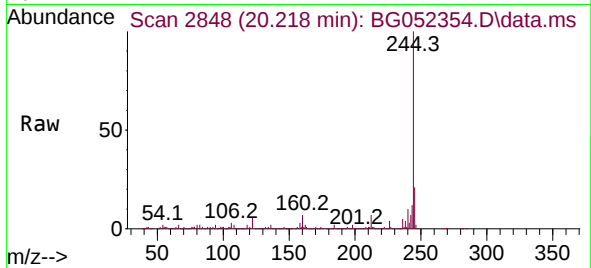




#79
 Terphenyl-d14
 Concen: 58.239 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052354.D
 Acq: 10 Feb 2022 15:04

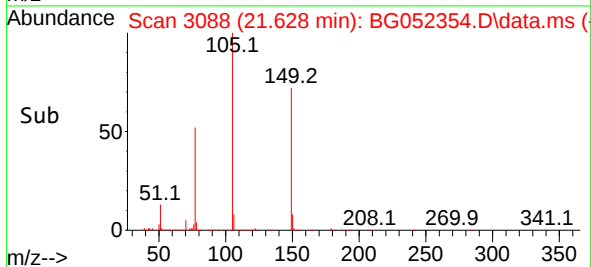
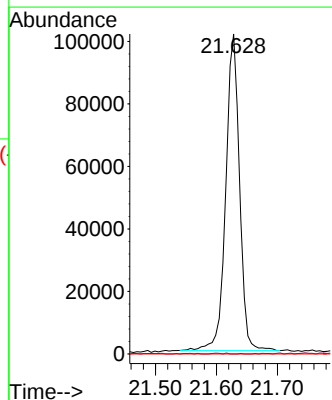
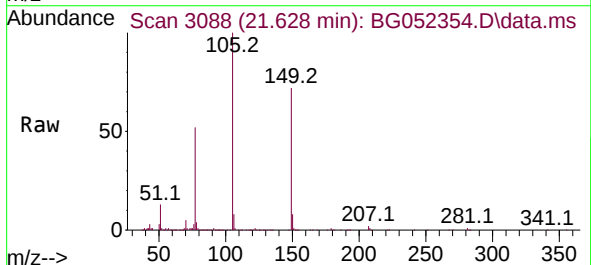
Instrument :
 BNA_G
 ClientSampleId :
 DB-10(22-25)-02-04-22

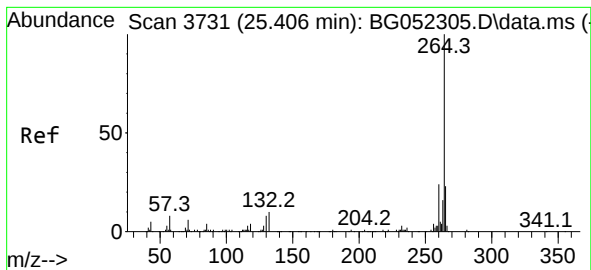
Tgt Ion:244 Resp: 619396
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.1 6.2 9.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.289 ng
 RT: 21.628 min Scan# 3088
 Delta R.T. -0.171 min
 Lab File: BG052354.D
 Acq: 10 Feb 2022 15:04

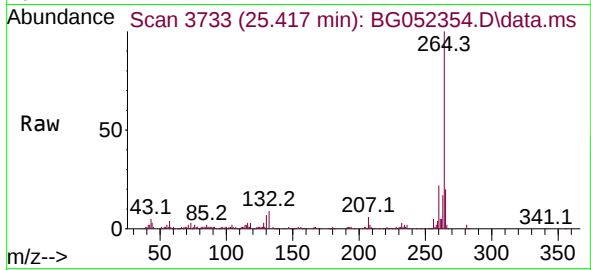
Tgt Ion:149 Resp: 159125
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 4.2 6.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.417 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BG052354.D
 Acq: 10 Feb 2022 15:04

Instrument :
 BNA_G
 ClientSampleId :
 DB-10(22-25)-02-04-22



Tgt Ion:264 Resp: 201601
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 20.5 17.8 26.6

