

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053632.D
 Acq On : 19 May 2022 18:53
 Operator : CG/JU
 Sample : N2865-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P019-SS002-0006-01

Quant Time: May 20 03:58:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

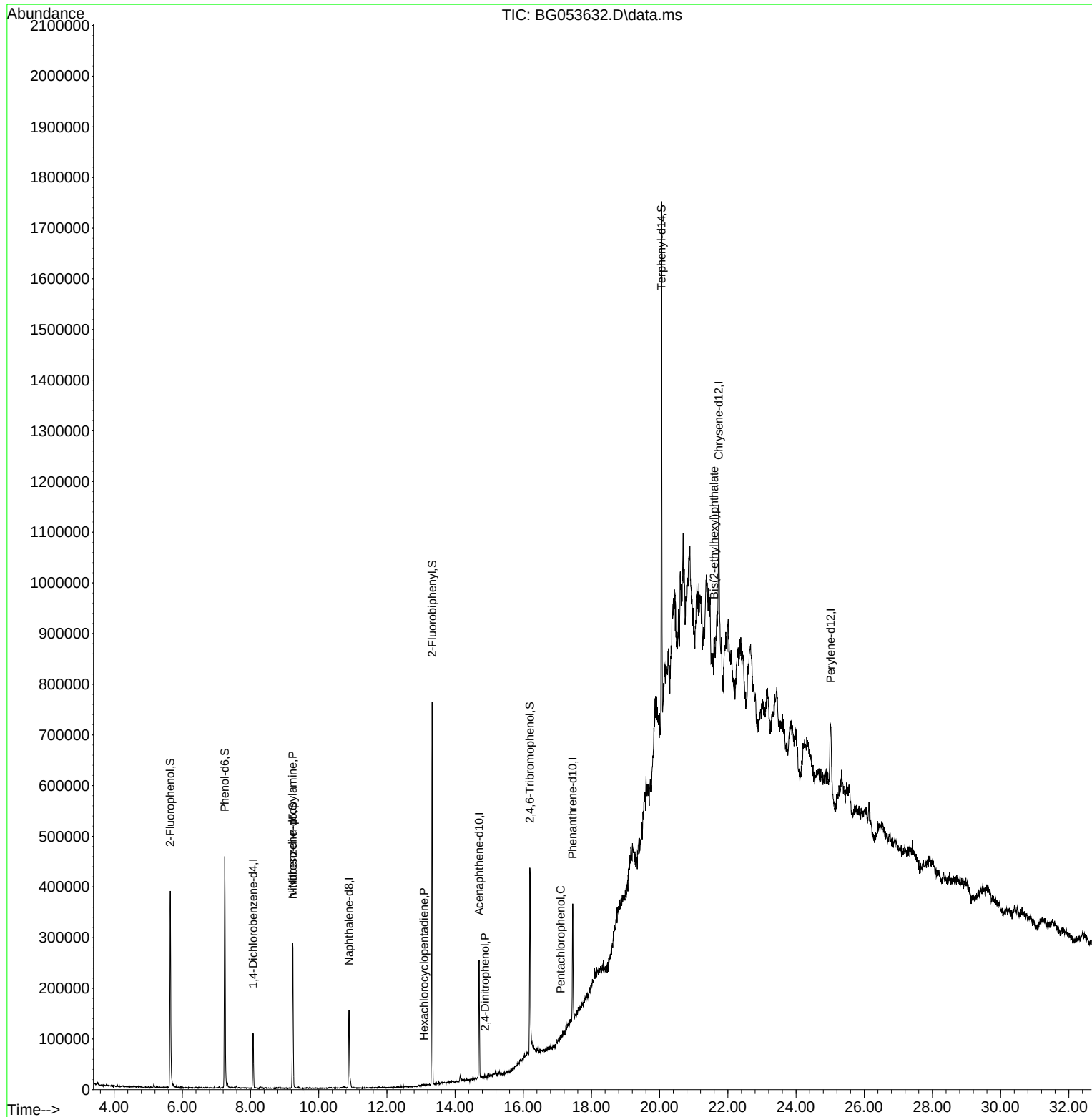
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	29125	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	122671	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	82293	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	143558	20.000	ng	0.00
76) Chrysene-d12	21.734	240	139615	20.000	ng	# 0.00
86) Perylene-d12	25.017	264	150320	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	174540	101.706	ng	0.00
7) Phenol-d6	7.247	99	259031	99.456	ng	0.00
23) Nitrobenzene-d5	9.239	82	179694	62.356	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	89085	73.398	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	392752	69.741	ng	0.00
79) Terphenyl-d14	20.054	244	475274	63.402	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.239	70	26631	14.251	ng	# 83
41) Hexachlorocyclopentadiene	13.092	237	57	8.884	ng	# 26
54) 2,4-Dinitrophenol	14.878	184	58	6.310	ng	# 11
70) Pentachlorophenol	17.093	266	55	4.703	ng	# 16
84) Bis(2-ethylhexyl)phtha...	21.598	149	26479	5.789	ng	# 92

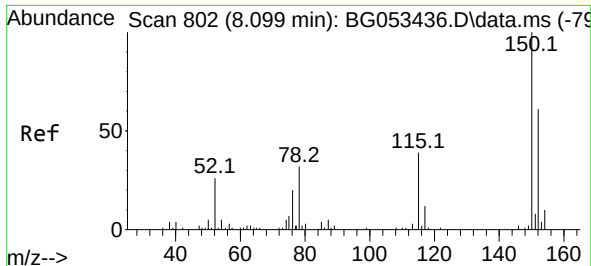
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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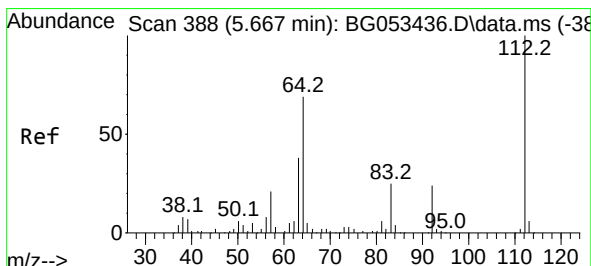
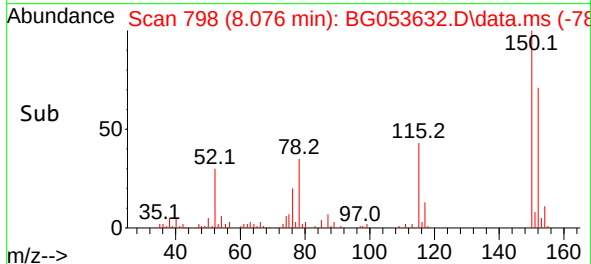
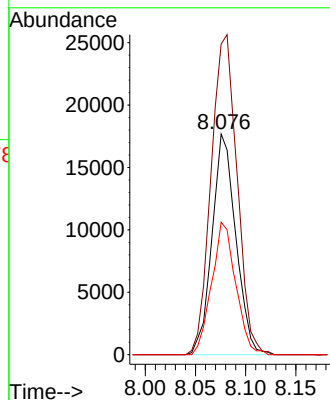
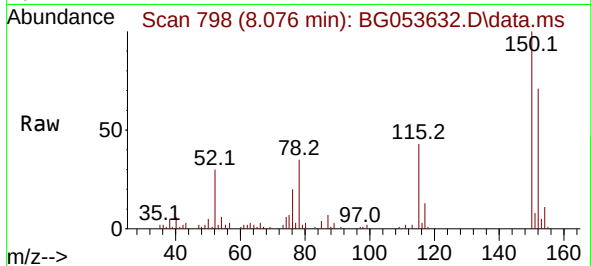




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.001 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

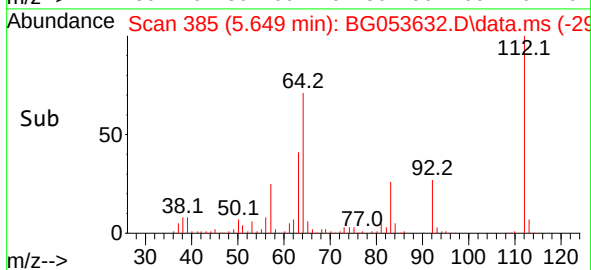
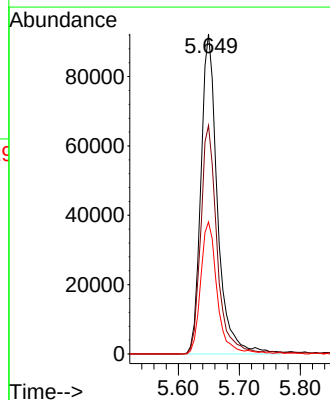
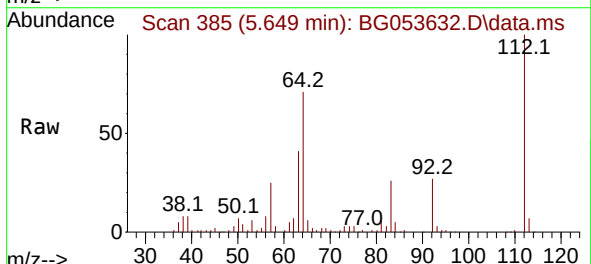
Instrument :
BNA_G
ClientSampleId :
P019-SS002-0006-01

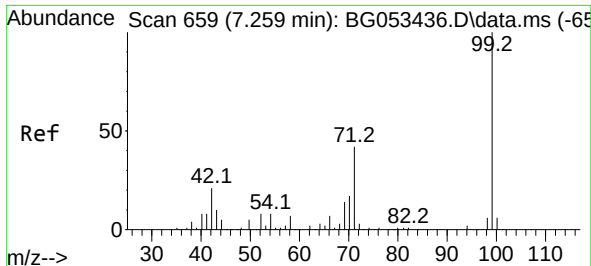
Tgt Ion:152 Resp: 29125
Ion Ratio Lower Upper
152 100
150 140.8 131.6 197.4
115 60.0 50.9 76.3



#5
2-Fluorophenol
Concen: 101.706 ng
RT: 5.649 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Tgt Ion:112 Resp: 174540
Ion Ratio Lower Upper
112 100
64 71.4 55.1 82.7
63 41.2 30.4 45.6

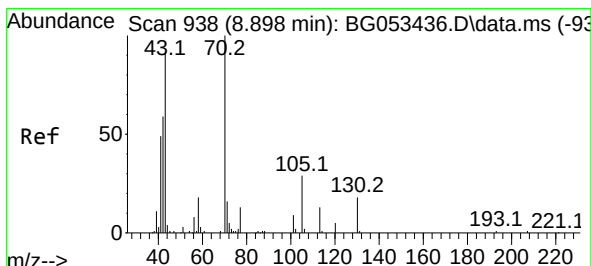
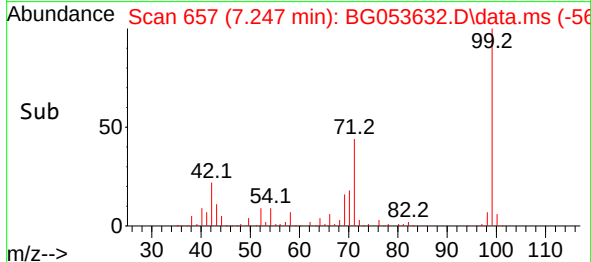
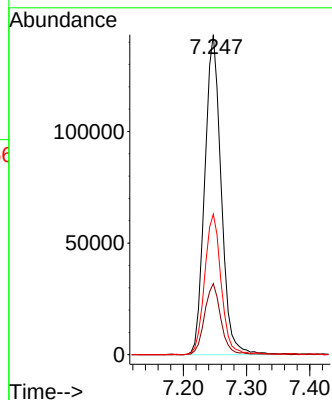
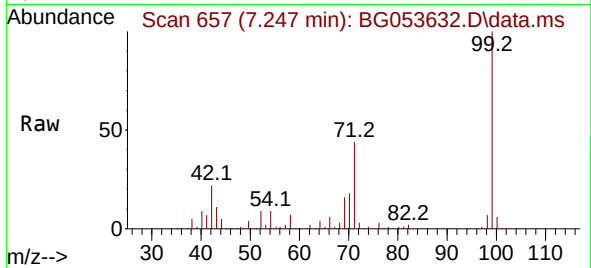




#7
Phenol-d6
Concen: 99.456 ng
RT: 7.247 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

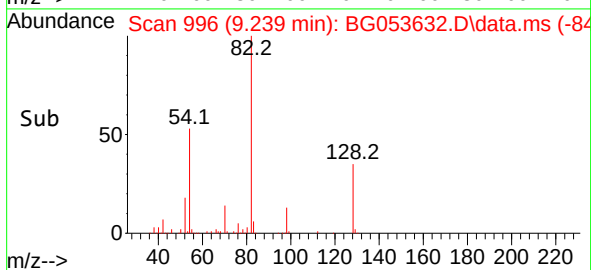
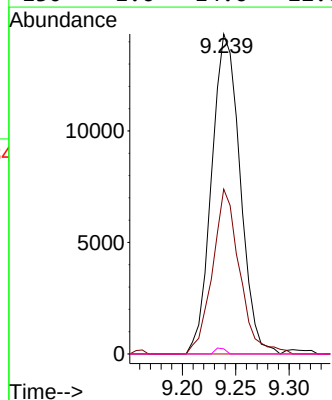
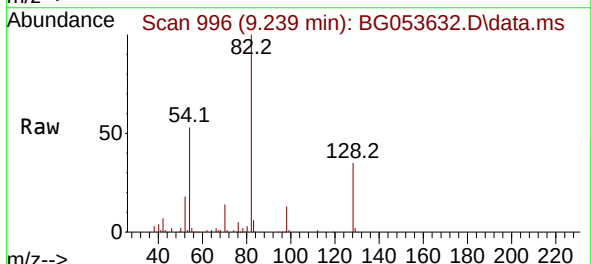
Instrument :
BNA_G
ClientSampleId :
P019-SS002-0006-01

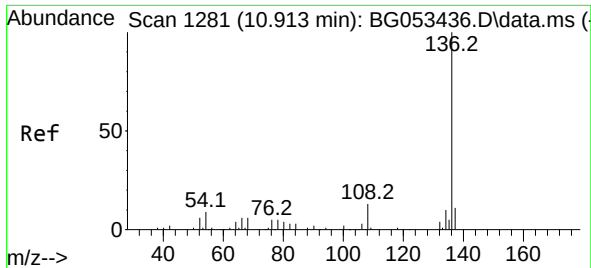
Tgt Ion: 99 Resp: 259031
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 43.9 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.251 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.359 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Tgt Ion: 70 Resp: 26631
Ion Ratio Lower Upper
70 100
42 51.5 47.3 70.9
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

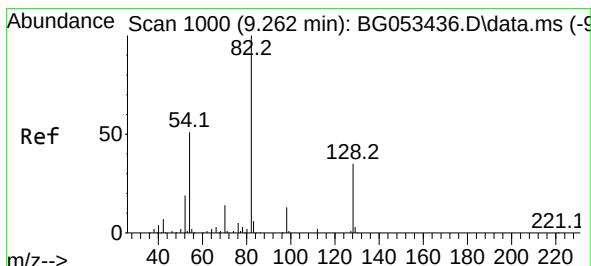
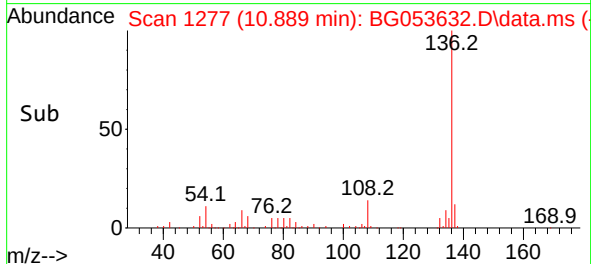
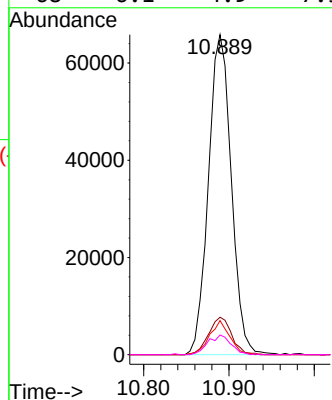
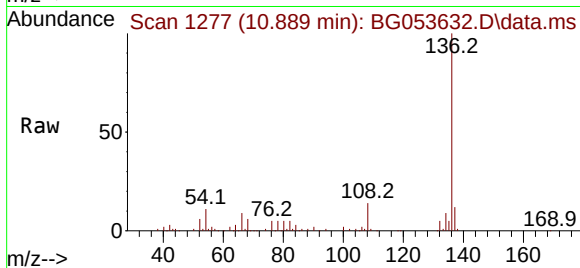




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

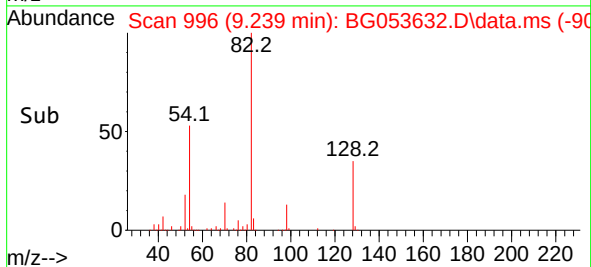
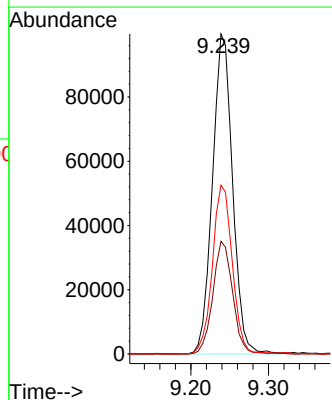
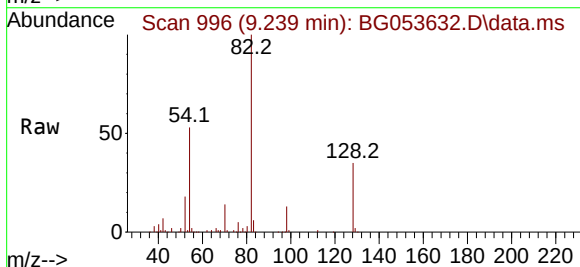
Instrument :
BNA_G
ClientSampleId :
P019-SS002-0006-01

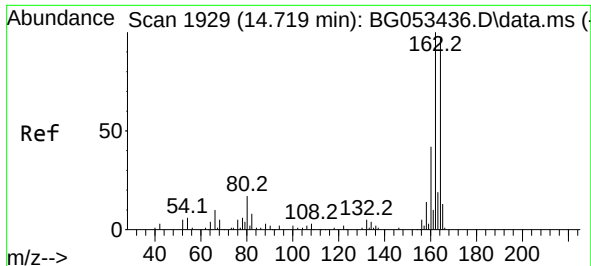
Tgt Ion:	136	Resp:	122671
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	10.6	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.356 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Tgt Ion:	82	Resp:	179694
Ion	Ratio	Lower	Upper
82	100		
128	35.2	27.9	41.9
54	52.8	41.2	61.8

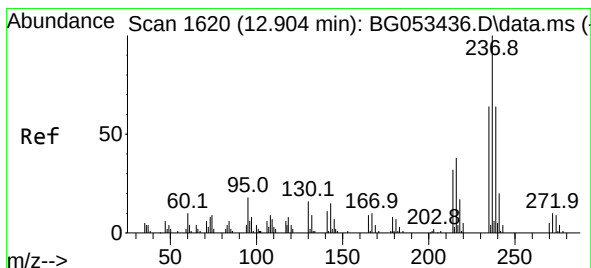
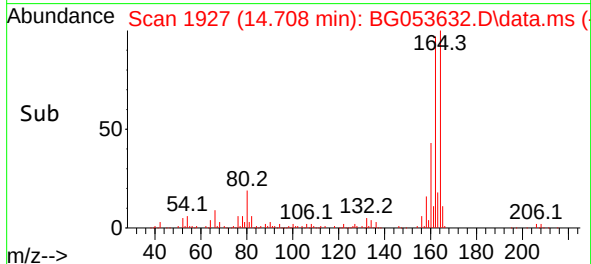
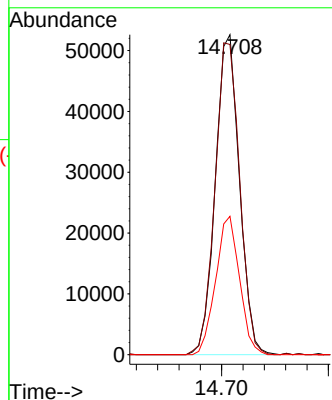
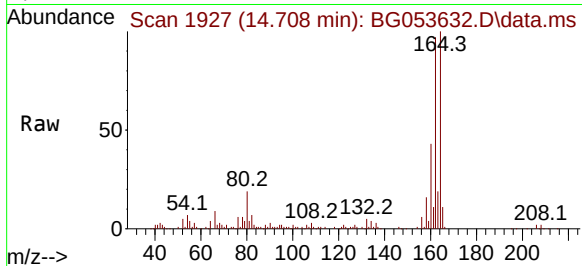




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 14708
Delta R.T. 0.006 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

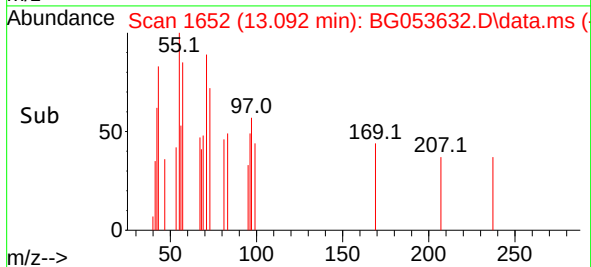
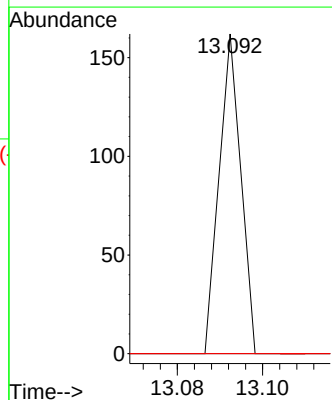
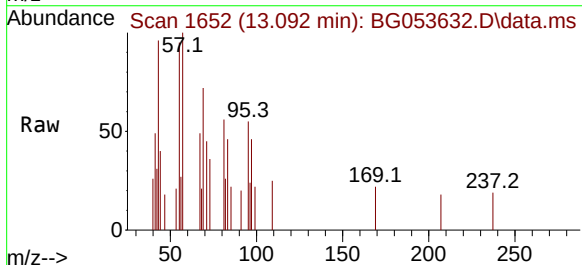
Instrument :
BNA_G
ClientSampleId :
P019-SS002-0006-01

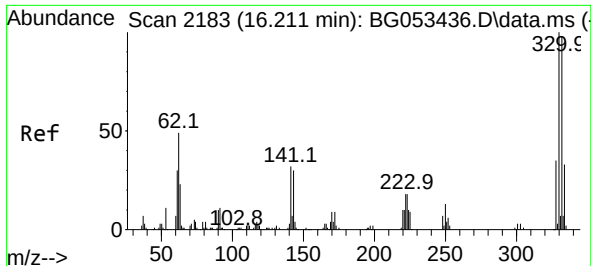
Tgt Ion:164 Resp: 82293
Ion Ratio Lower Upper
164 100
162 97.0 82.3 123.5
160 43.3 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 8.884 ng
RT: 13.092 min Scan# 1652
Delta R.T. 0.206 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Tgt Ion:237 Resp: 57
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1





#42

2,4,6-Tribromophenol

Concen: 73.398 ng

RT: 16.194 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053632.D

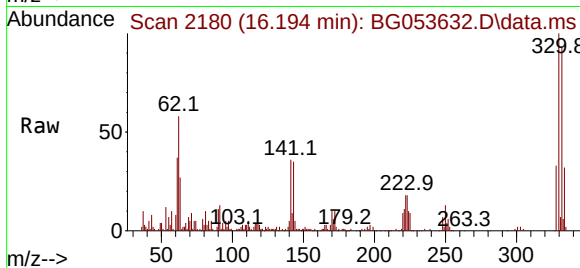
Acq: 19 May 2022 18:53

Instrument :

BNA_G

ClientSampleId :

P019-SS002-0006-01



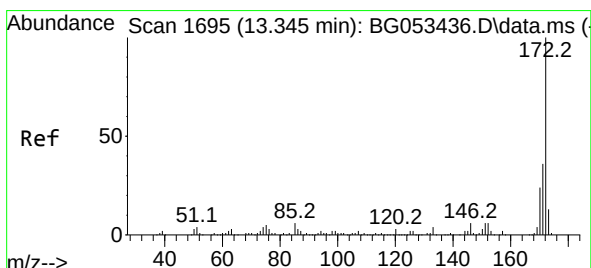
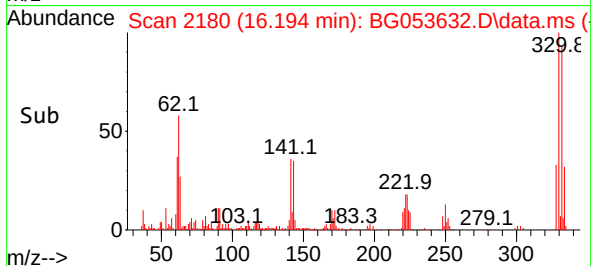
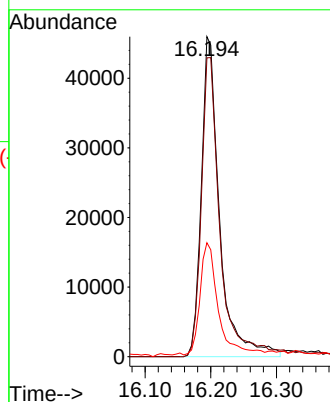
Tgt Ion:330 Resp: 89085

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 35.0 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 13.327 min Scan# 1692

Delta R.T. 0.001 min

Lab File: BG053632.D

Acq: 19 May 2022 18:53

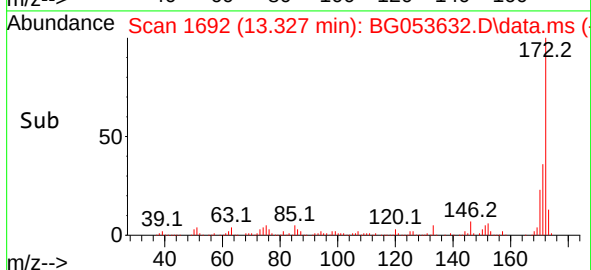
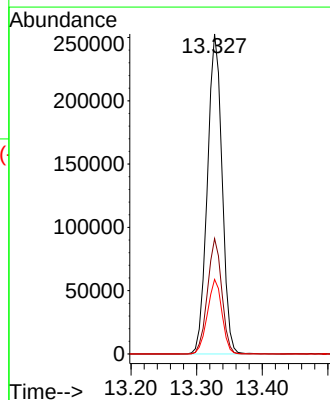
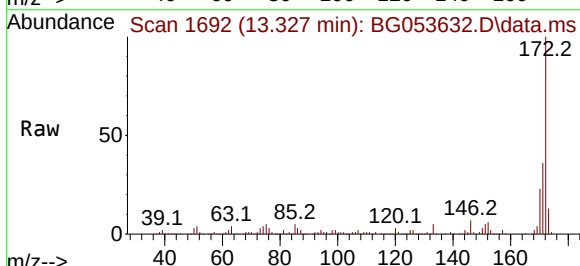
Tgt Ion:172 Resp: 392752

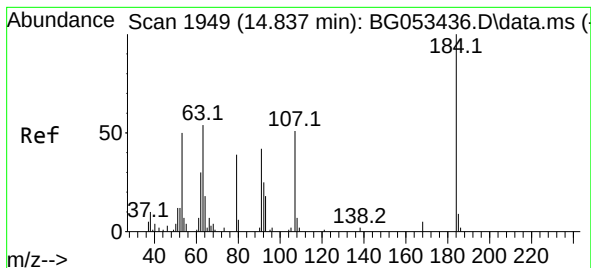
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.3 18.9 28.3

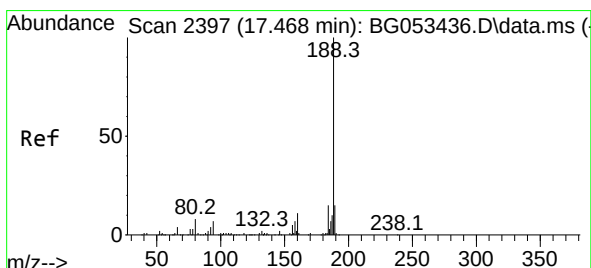
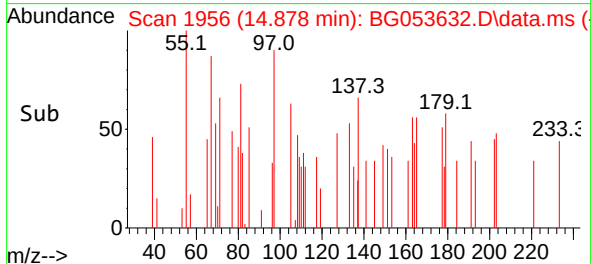
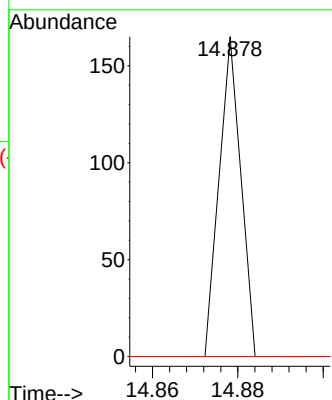
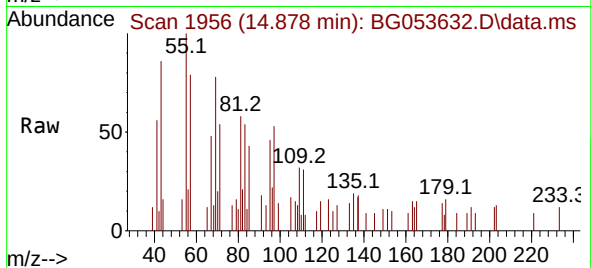




#54
2,4-Dinitrophenol
Concen: 6.310 ng
RT: 14.878 min Scan# 1949
Delta R.T. 0.053 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

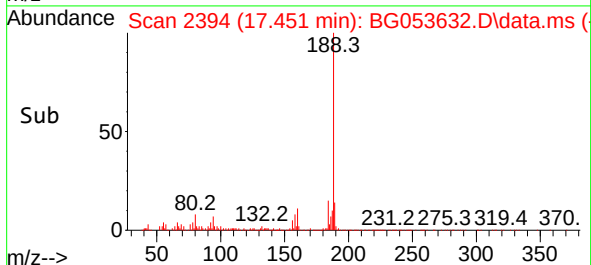
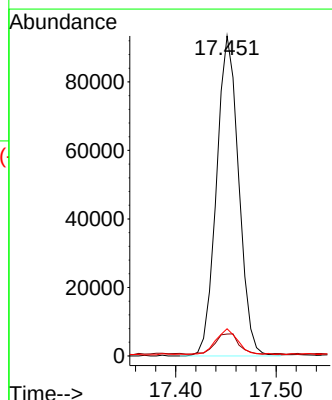
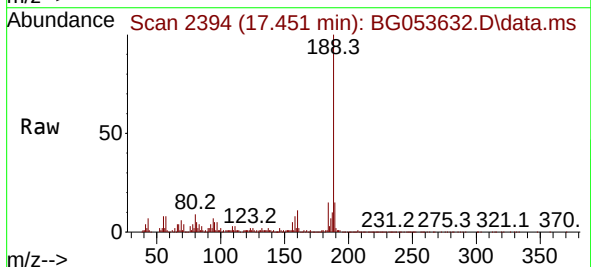
Instrument :
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ClientSampleId :
P019-SS002-0006-01

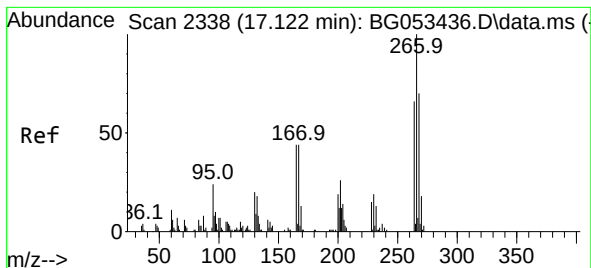
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2394
Delta R.T. 0.001 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Tgt Ion:188 Resp: 143558
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.5 6.8 10.2





#70

Pentachlorophenol

Concen: 4.703 ng

RT: 17.093 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG053632.D

Acq: 19 May 2022 18:53

Instrument :

BNA_G

ClientSampleId :

P019-SS002-0006-01

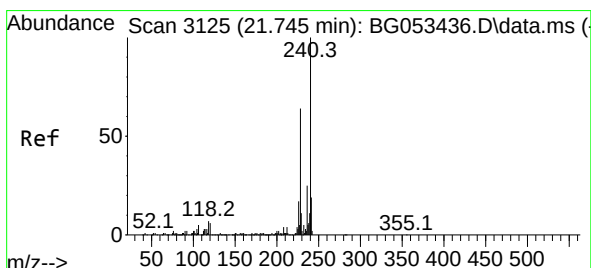
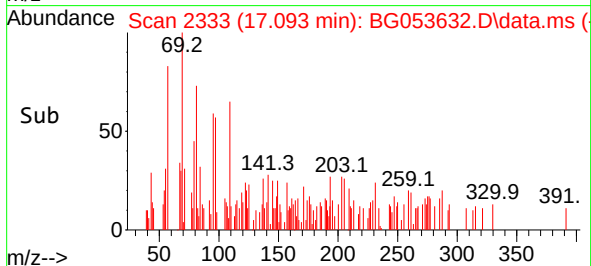
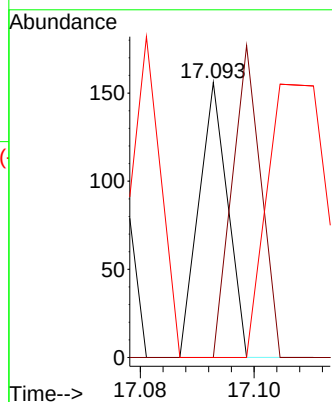
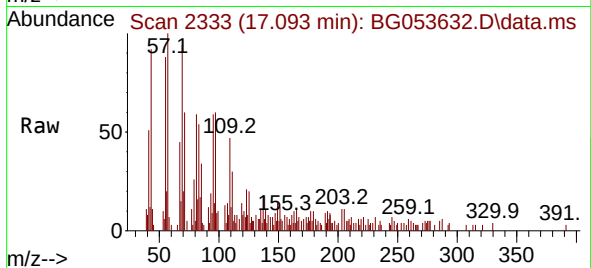
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 56.2 84.2#

264 0.0 53.0 79.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.734 min Scan# 3123

Delta R.T. 0.001 min

Lab File: BG053632.D

Acq: 19 May 2022 18:53

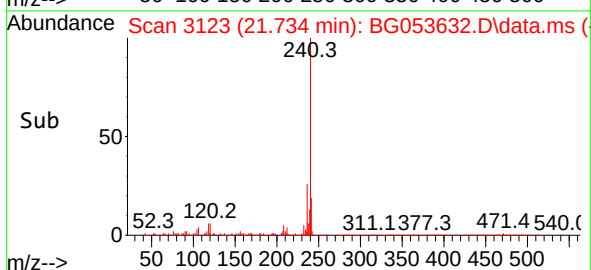
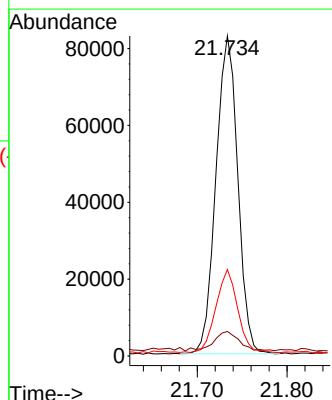
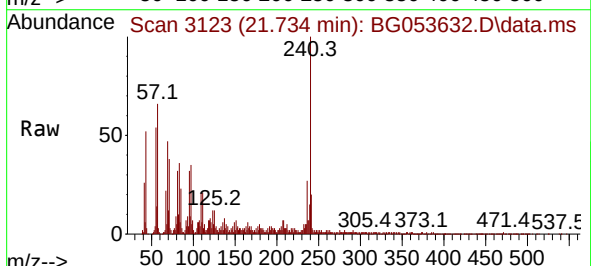
Tgt Ion:240 Resp: 139615

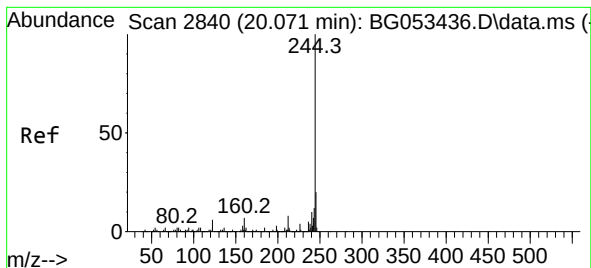
Ion Ratio Lower Upper

240 100

120 7.6 4.6 7.0#

236 27.0 20.2 30.4





#79

Terphenyl-d14

Concen: 63.402 ng

RT: 20.054 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG053632.D

Acq: 19 May 2022 18:53

Instrument :

BNA_G

ClientSampleId :

P019-SS002-0006-01

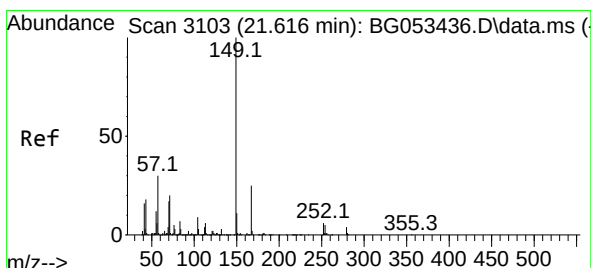
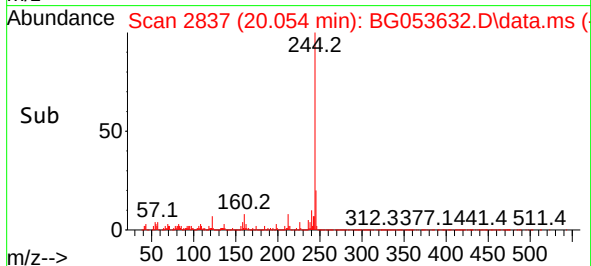
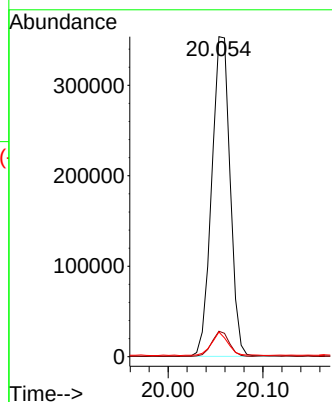
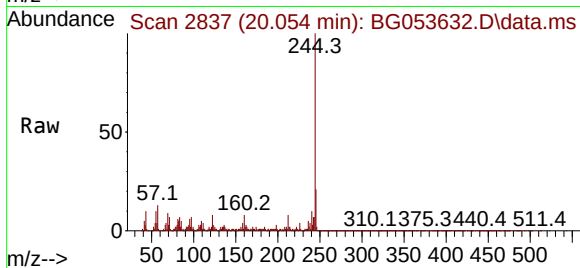
Tgt Ion:244 Resp: 475274

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 7.7 5.0 7.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.789 ng

RT: 21.598 min Scan# 3100

Delta R.T. 0.001 min

Lab File: BG053632.D

Acq: 19 May 2022 18:53

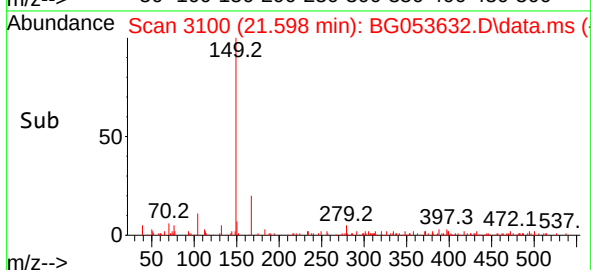
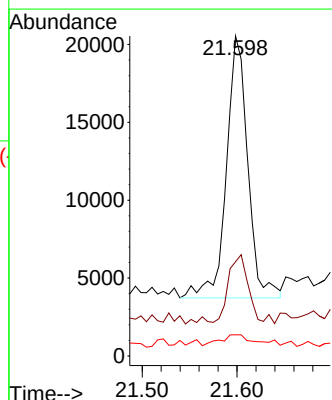
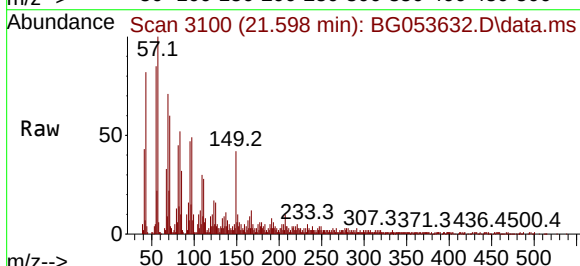
Tgt Ion:149 Resp: 26479

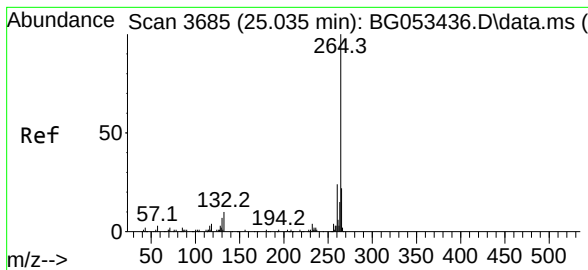
Ion Ratio Lower Upper

149 100

167 29.4 20.2 30.4

279 6.6 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.017 min Scan# 30
Delta R.T. 0.012 min
Lab File: BG053632.D
Acq: 19 May 2022 18:53

Instrument :
BNA_G
ClientSampleId :
P019-SS002-0006-01

Tgt Ion:264	Resp:	150320	
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	21.6	17.4	26.2

