

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045277.D
 Acq On : 7 May 2020 19:59
 Operator : CG/JU
 Sample : L2497-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-050620

Quant Time: May 08 03:53:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

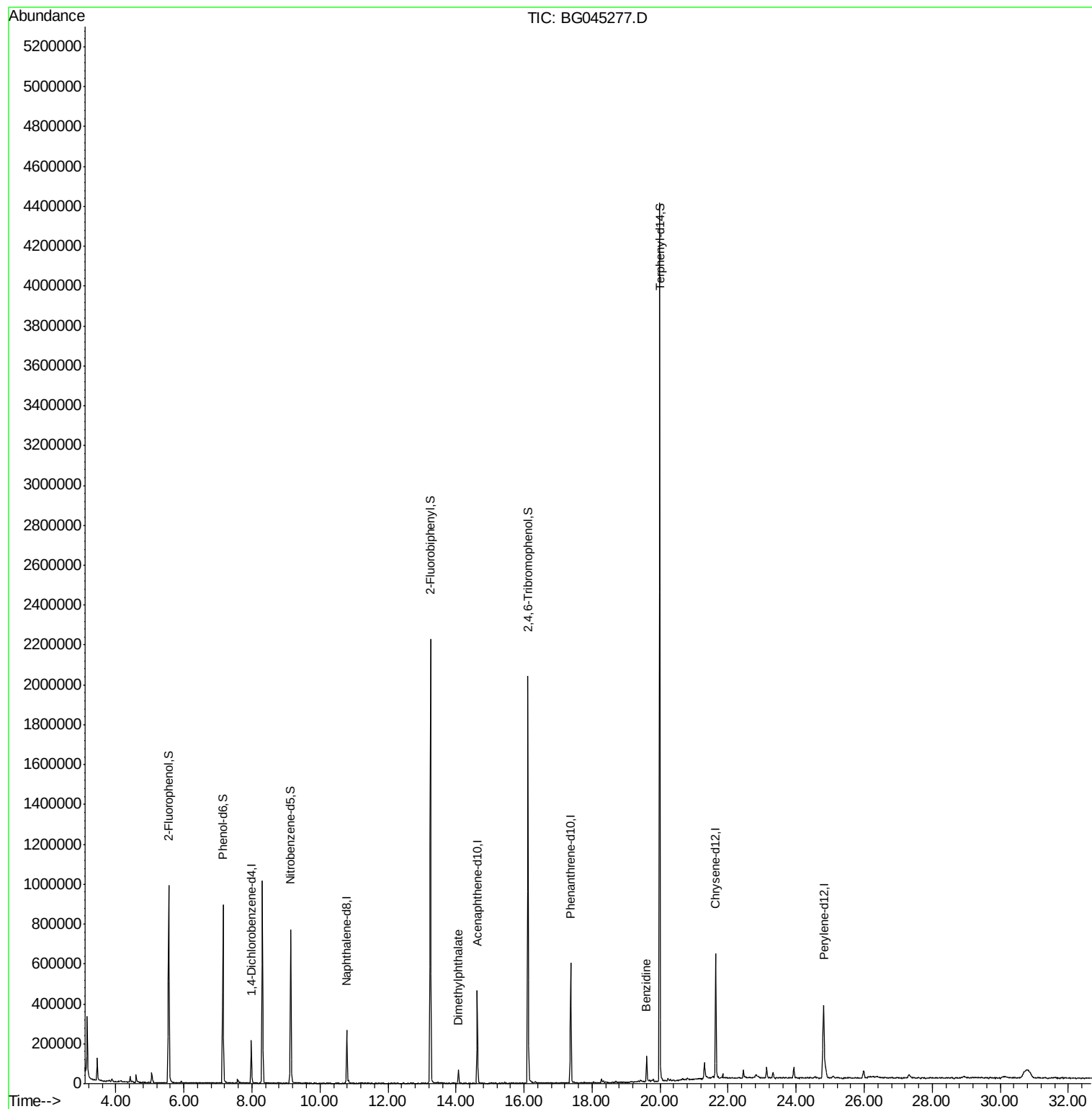
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61053	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	238409	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	174085	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	415948	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415855	20.00	ng	0.00
87) Perylene-d12	24.81	264	429234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	487099	131.72	ng	0.00
7) Phenol-d6	7.15	99	610559	111.12	ng	0.00
23) Nitrobenzene-d5	9.14	82	534557	102.31	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	415957	154.67	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1235029	104.03	ng	0.00
79) Terphenyl-d14	19.99	244	2100478	110.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	45175	3.187	ng	97
77) Benzidine	19.60	184	95498	2.274	ng	# 94

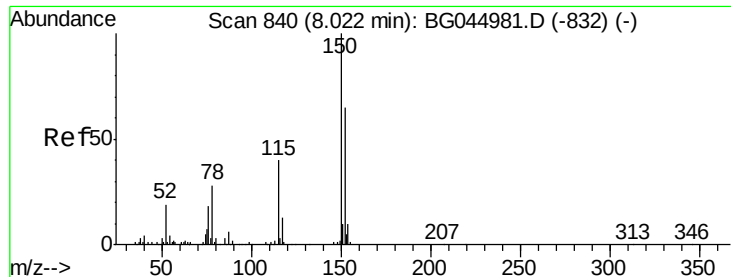
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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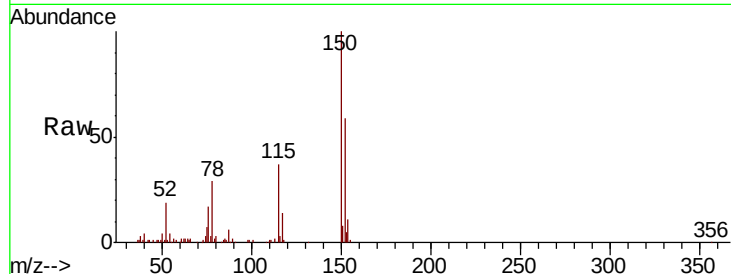


#1

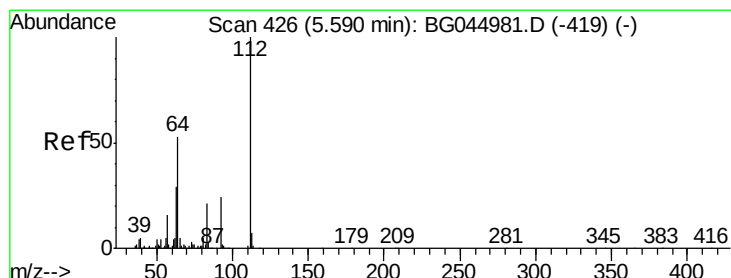
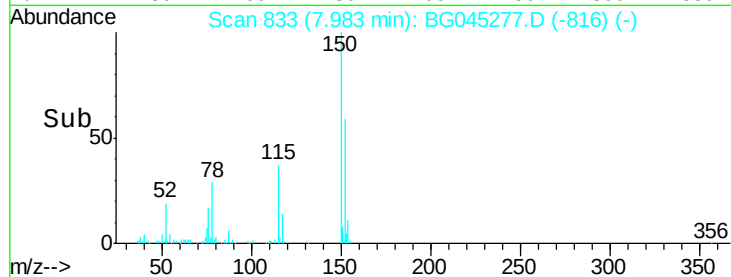
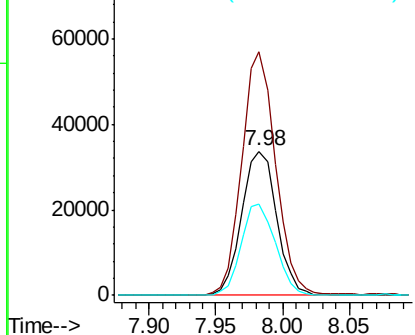
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
HD-01-050620

Tot Ion:152 Resp: 61053
Ion Ratio Lower Upper
152 100
150 168.8 123.6 185.4
115 63.0 49.1 73.7



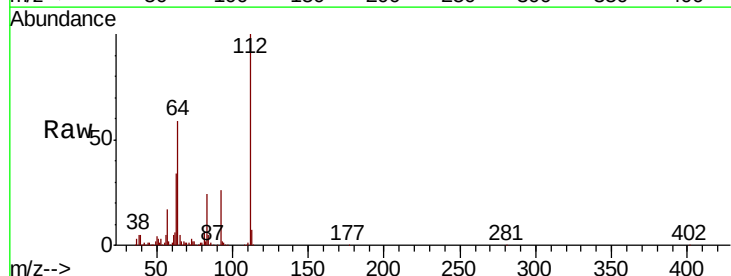
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



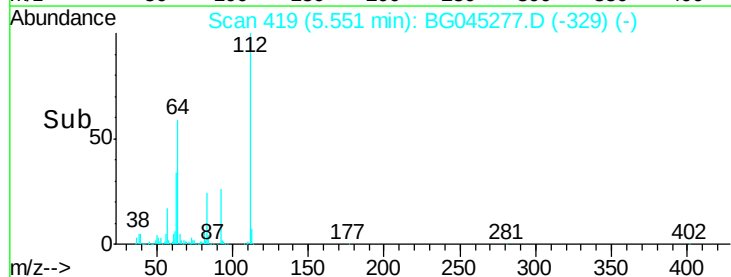
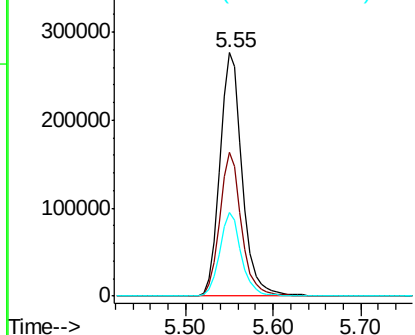
#5

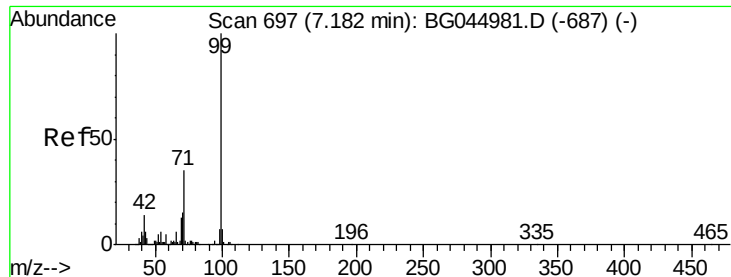
2-Fluorophenol
Concen: 131.717 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

Tgt Ion:112 Resp: 487099
Ion Ratio Lower Upper
112 100
64 58.9 42.4 63.6
63 34.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.124 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045277.D

Acq: 7 May 2020 19:59

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

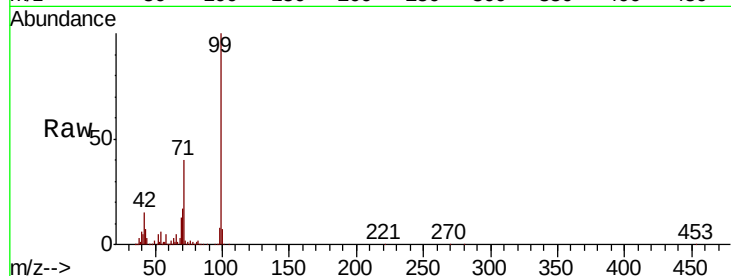
Tot Ion: 99 Resp: 610559

Ion Ratio Lower Upper

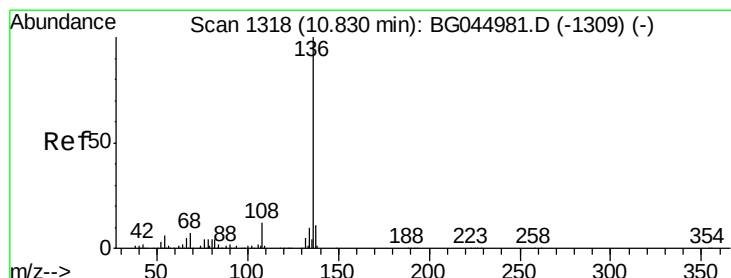
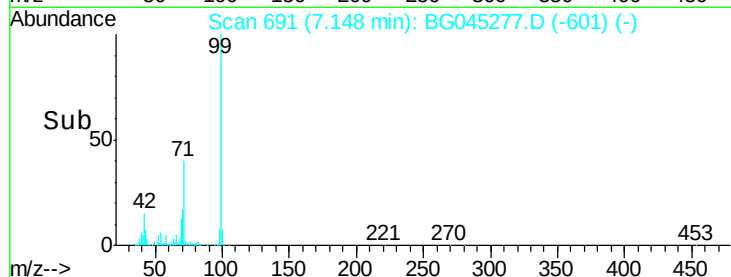
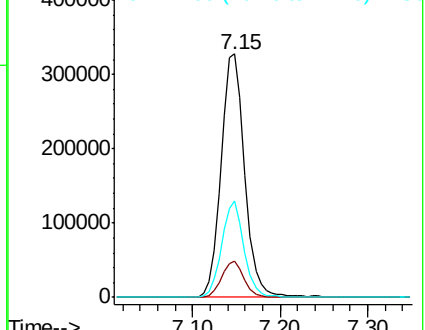
99 100

42 14.7 11.3 16.9

71 39.7 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045277.D

Acq: 7 May 2020 19:59

Tgt Ion: 136 Resp: 238409

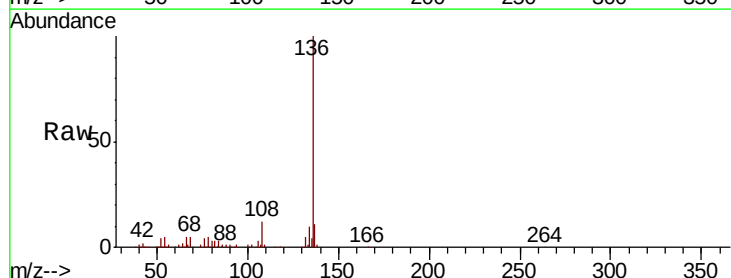
Ion Ratio Lower Upper

136 100

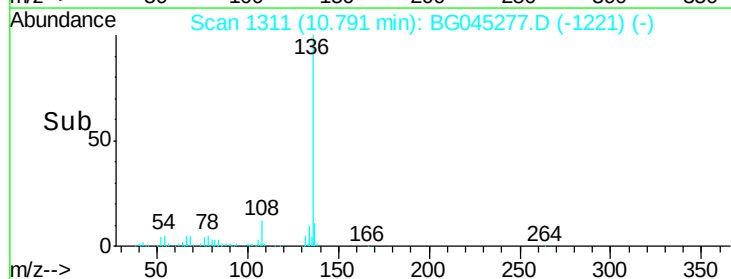
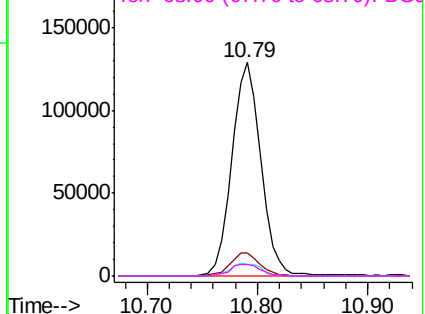
137 10.7 8.6 13.0

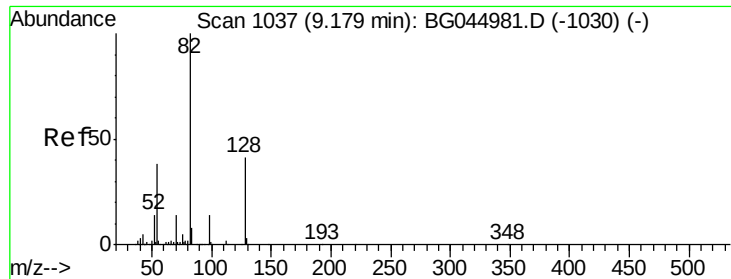
54 5.3 4.8 7.2

68 5.4 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

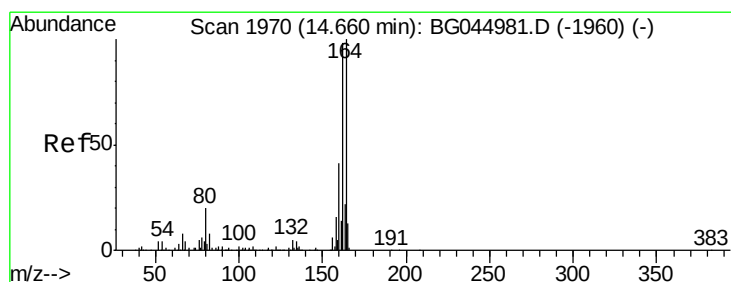
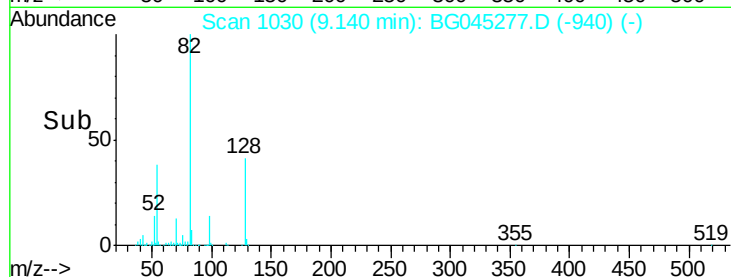
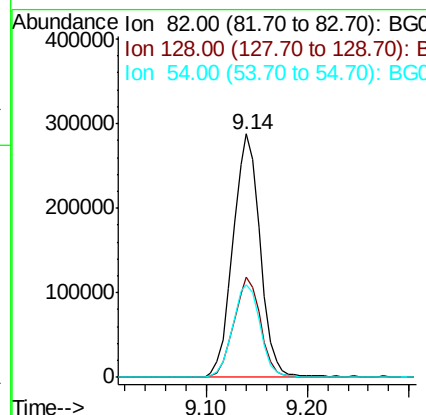
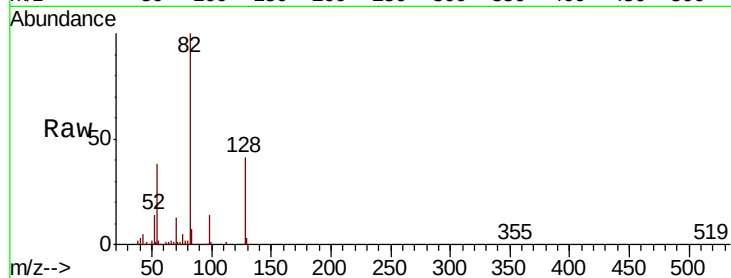




#23
Nitrobenzene-d5
Concen: 102.308 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

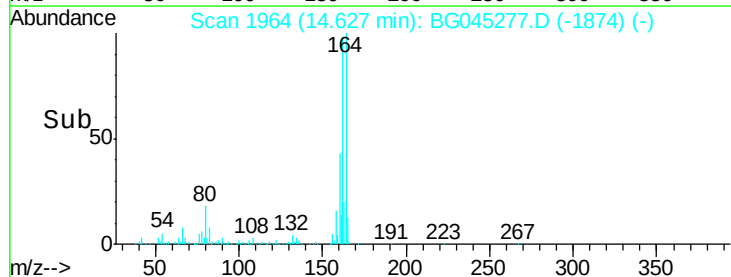
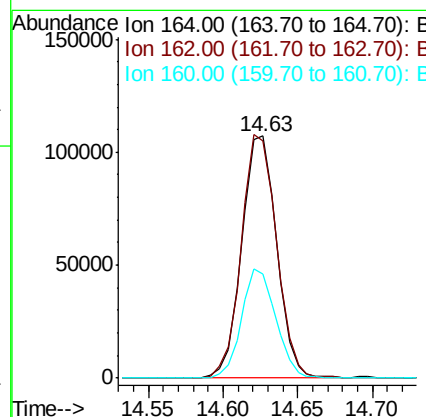
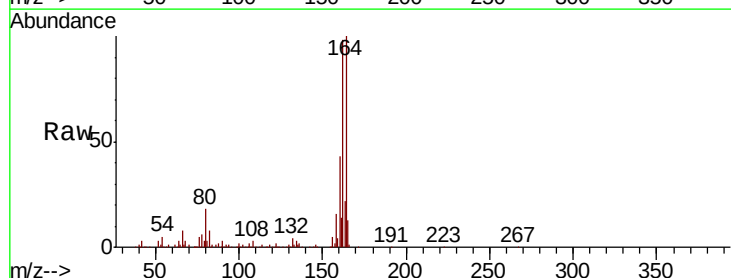
Instrument :
BNA_G
ClientSampleId :
HD-01-050620

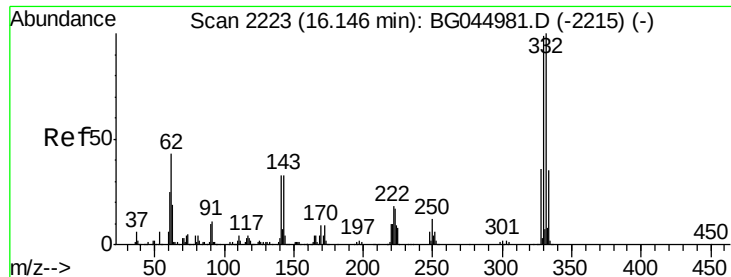
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	38.2	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.7	118.1
160	42.9	32.8	49.2

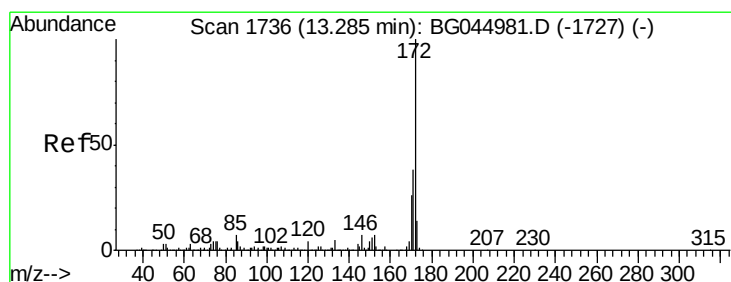
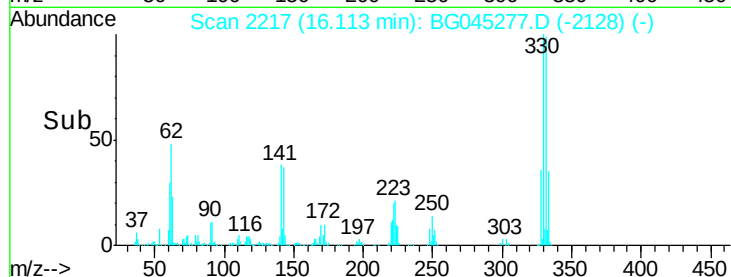
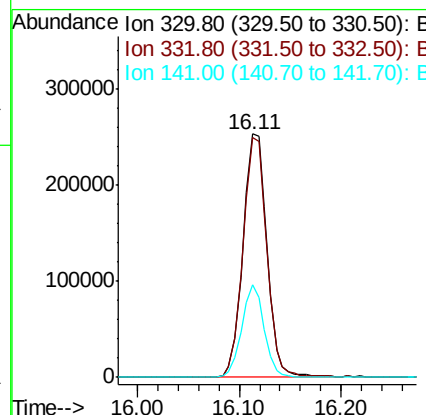
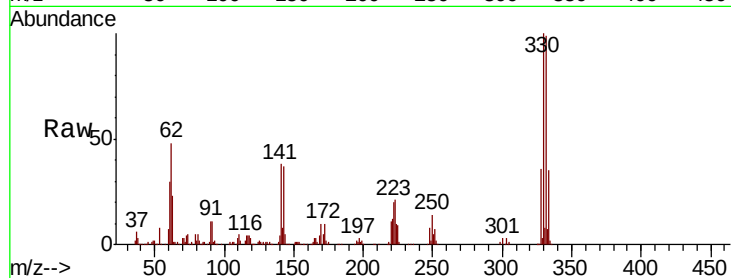




#42
 2,4,6-Tribromophenol
 Concen: 154.666 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045277.D
 Acq: 7 May 2020 19:59

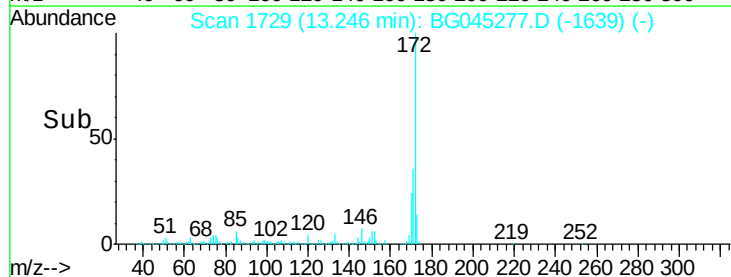
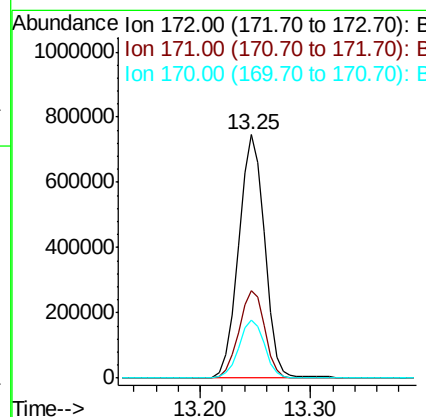
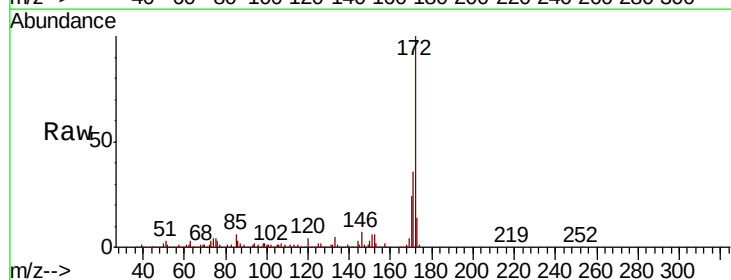
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-050620

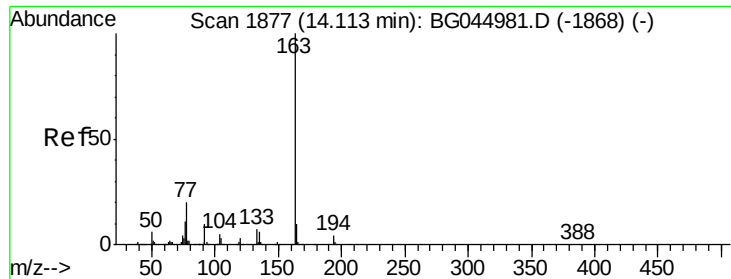
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	35.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 104.027 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045277.D
 Acq: 7 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	46.0
170	24.0	20.5	30.7

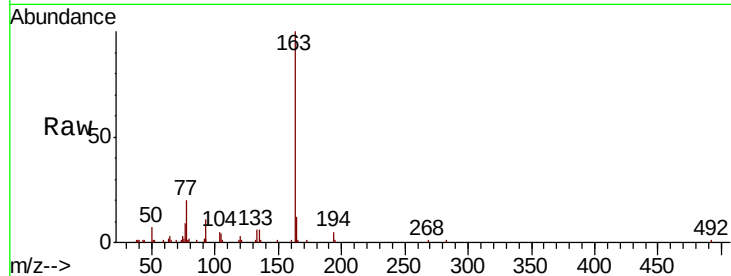




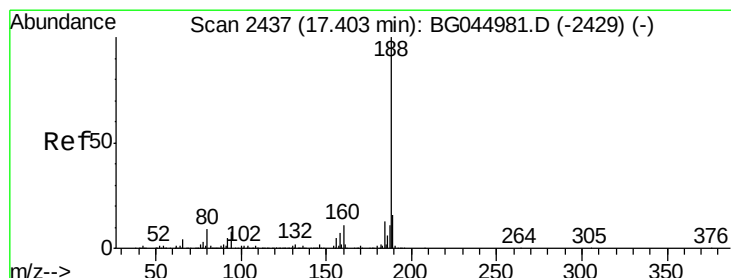
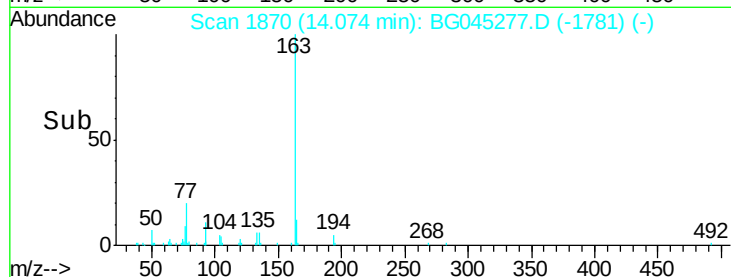
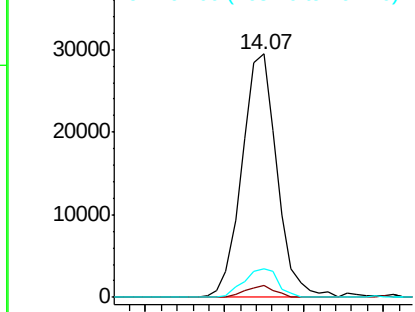
#50
Dimethylphthalate
Concen: 3.187 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

Instrument :
BNA_G
ClientSampleId :
HD-01-050620

Tot Ion	163	Resp	45175
Ion Ratio	100	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	11.8	8.2	12.4

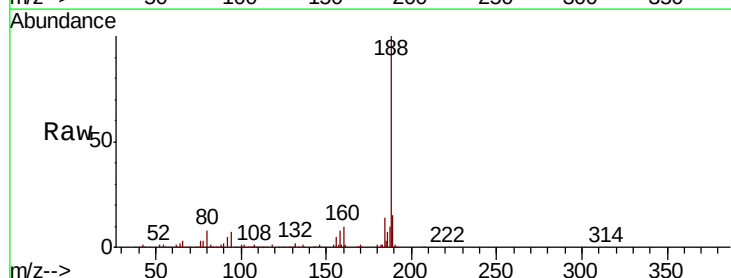


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

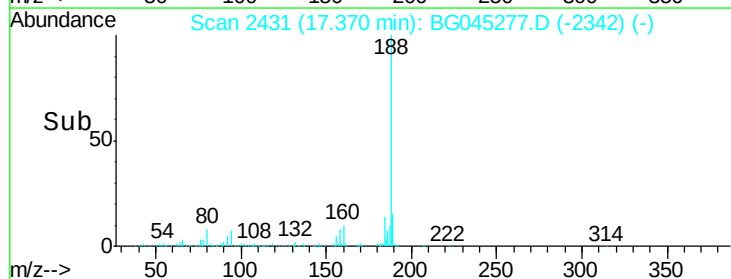
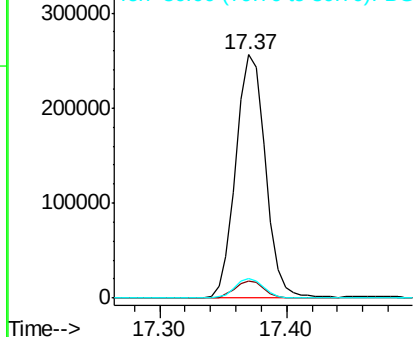


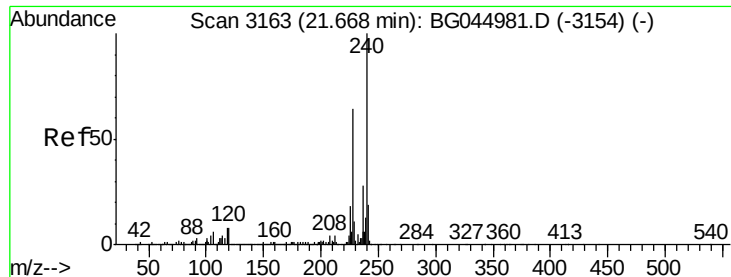
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045277.D
Acq: 7 May 2020 19:59

Tgt Ion	188	Resp	415948
Ion Ratio	100	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	8.3	7.0	10.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

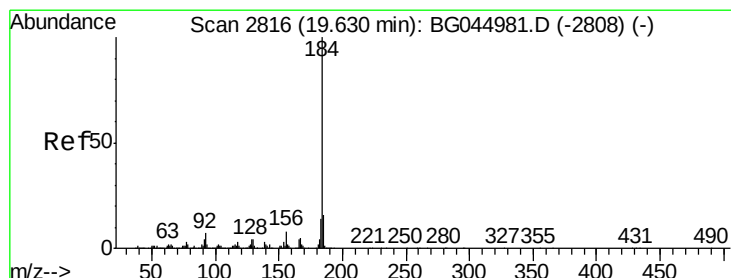
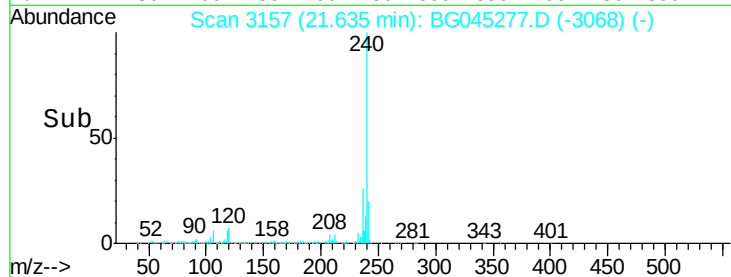
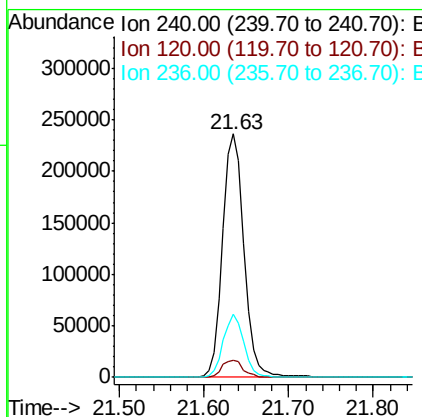
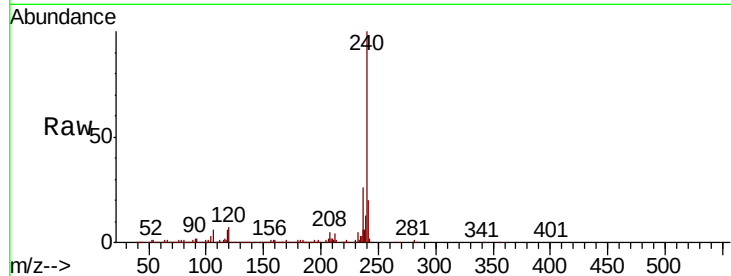




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG045277.D
 Acq: 7 May 2020 19:59

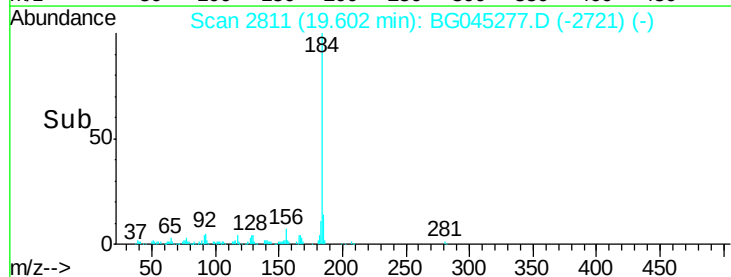
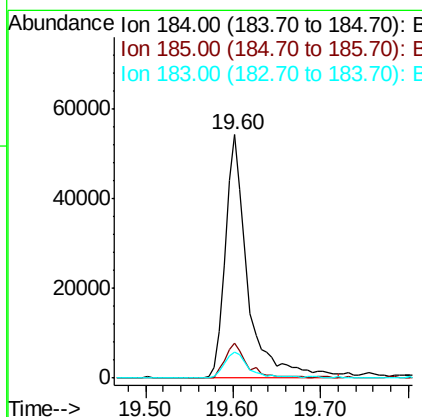
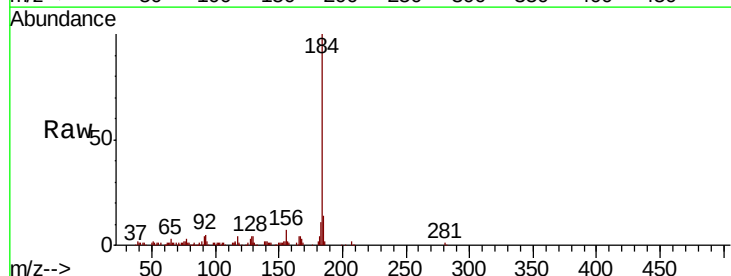
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 BNA_G
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 HD-01-050620

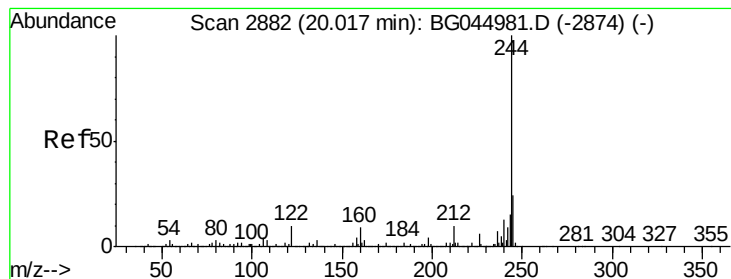
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	25.8	22.2	33.2



#77
 Benzidine
 Concen: 2.274 ng
 RT: 19.60 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BG045277.D
 Acq: 7 May 2020 19:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	19.0
183	10.9	11.3	16.9#





#79

Terphenyl-d14

Concen: 110.090 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045277.D

Acq: 7 May 2020 19:59

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

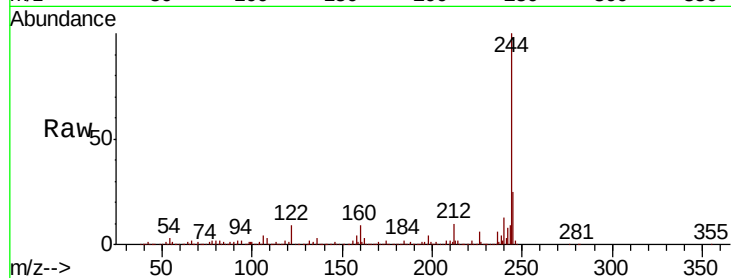
Tot Ion:244 Resp: 2100478

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

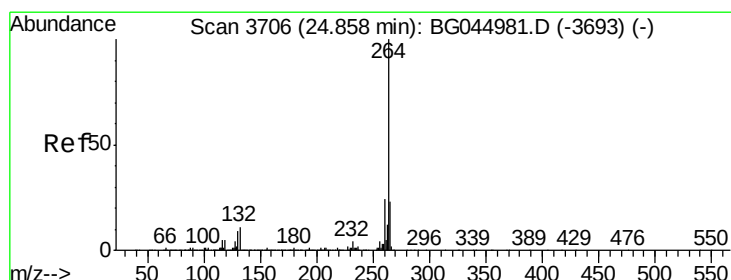
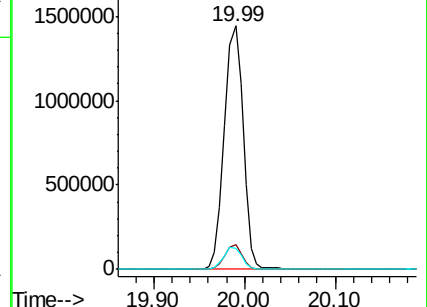
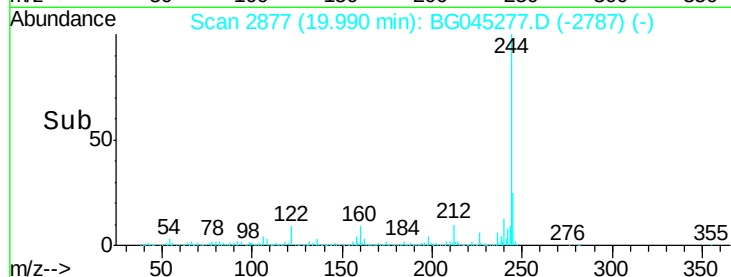
122 8.8 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG045277.D

Acq: 7 May 2020 19:59

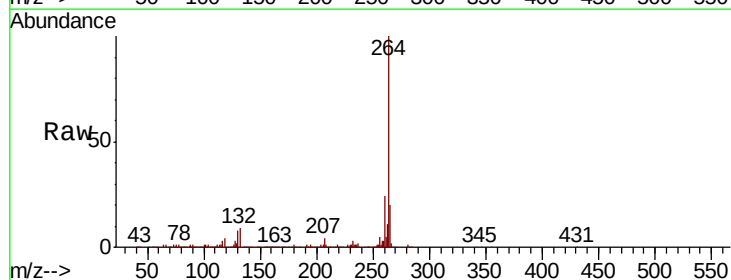
Tgt Ion:264 Resp: 429234

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.1 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

