

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045312.D
 Acq On : 12 May 2020 2:43
 Operator : CG/JU
 Sample : L2531-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15A

Quant Time: May 12 03:33:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

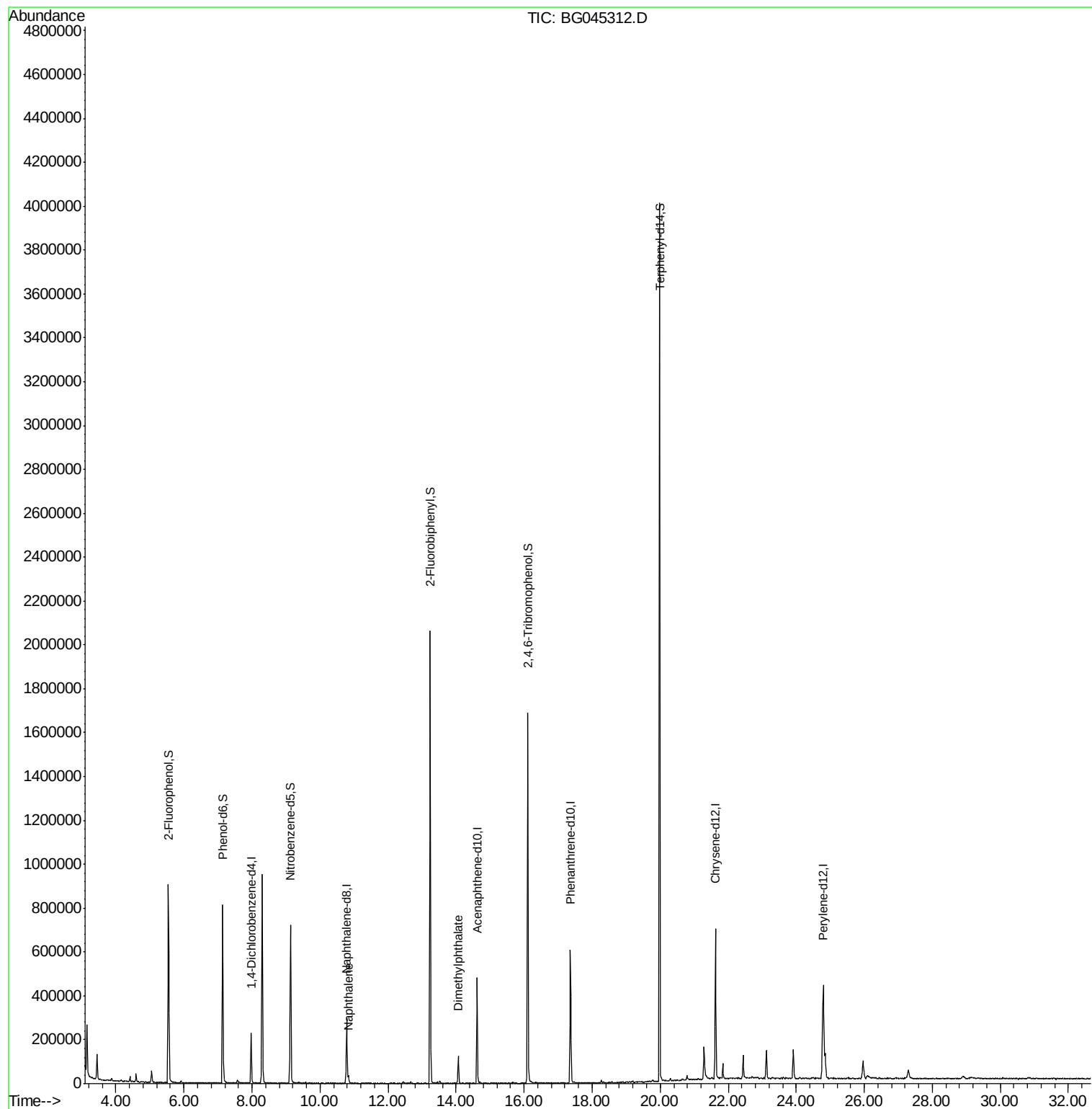
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	68609	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	262393	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	181324	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	416761	20.00	ng	0.00
76) Chrysene-d12	21.63	240	446382	20.00	ng	-0.01
87) Perylene-d12	24.79	264	490636	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	450653	108.44	ng	0.00
7) Phenol-d6	7.14	99	557785	90.34	ng	0.00
23) Nitrobenzene-d5	9.13	82	500512	87.04	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	352928	125.99	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1130135	91.39	ng	0.00
79) Terphenyl-d14	19.98	244	1938278	94.64	ng	0.00
Target Compounds						
31) Naphthalene	10.83	128	33167	2.31	ng	Qvalue 97
50) Dimethylphthalate	14.06	163	89016	6.03	ng	# 98

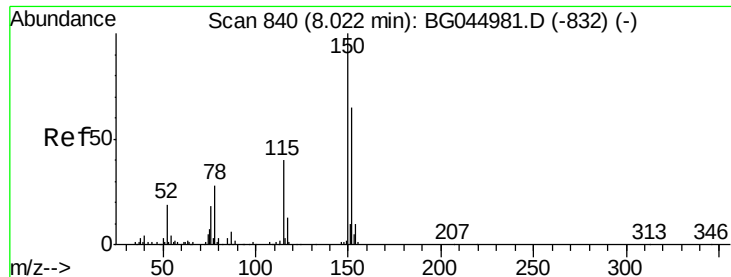
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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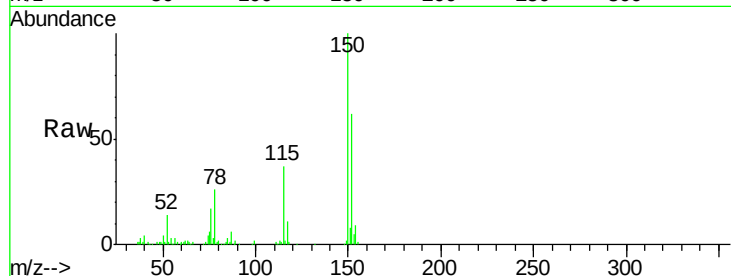


#1

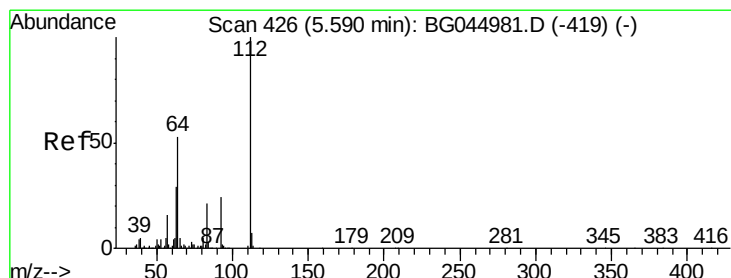
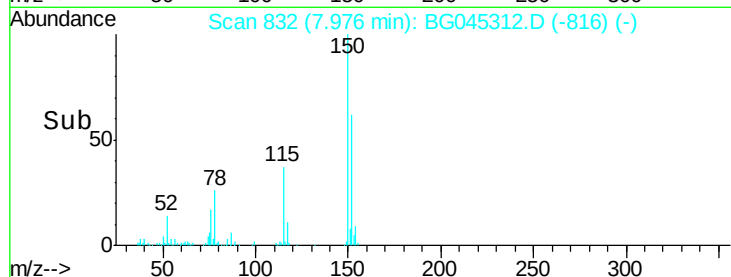
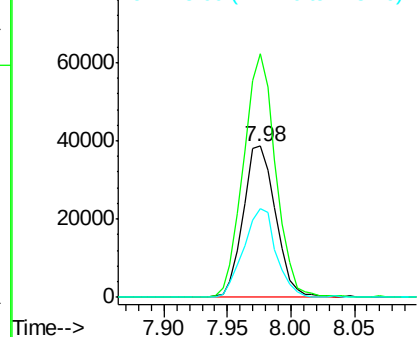
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Instrument :
BNA_G
ClientSampleId :
TP-15A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	123.6	185.4
115	58.9	49.1	73.7



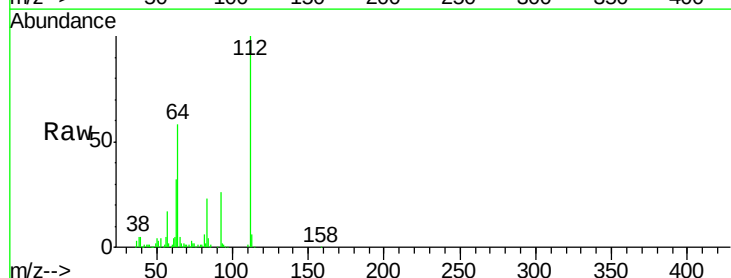
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



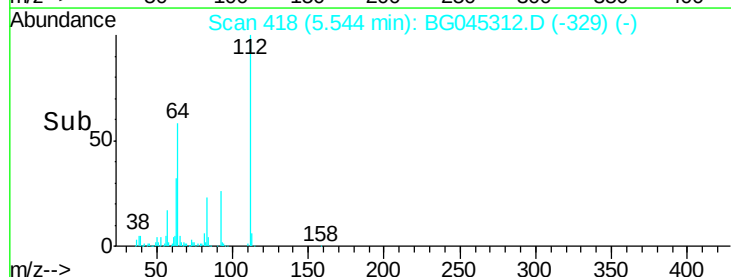
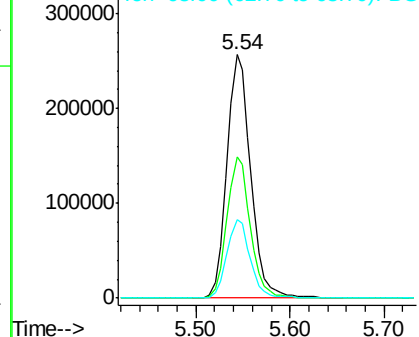
#5

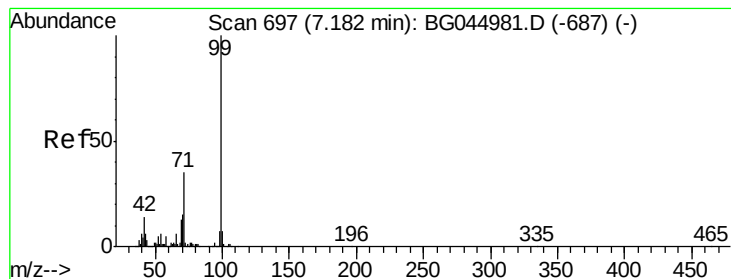
2-Fluorophenol
Concen: 108.44 ng
RT: 5.54 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045312.D
Acq: 12 May 2020 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	42.4	63.6
63	32.4	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: 90.34 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

Instrument :

BNA_G

ClientSampleId :

TP-15A

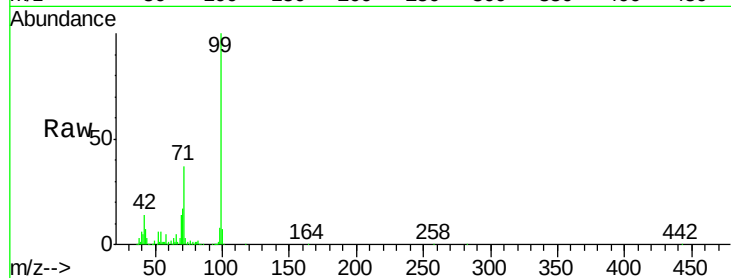
Tgt Ion: 99 Resp: 557785

Ion Ratio Lower Upper

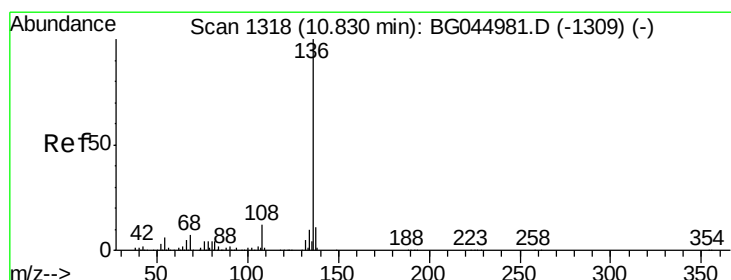
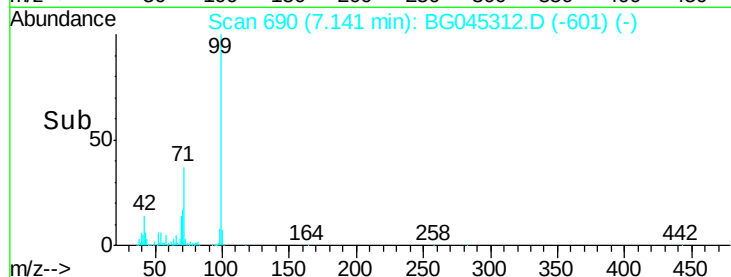
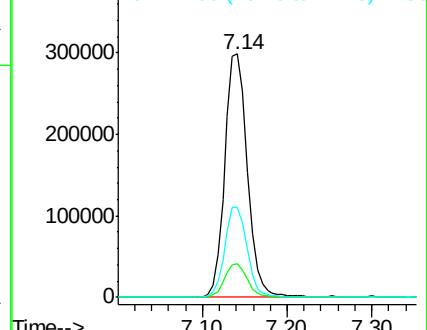
99 100

42 14.1 11.3 16.9

71 36.8 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: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

Tgt Ion: 136 Resp: 262393

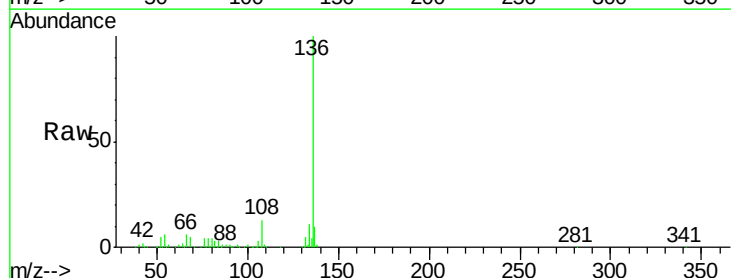
Ion Ratio Lower Upper

136 100

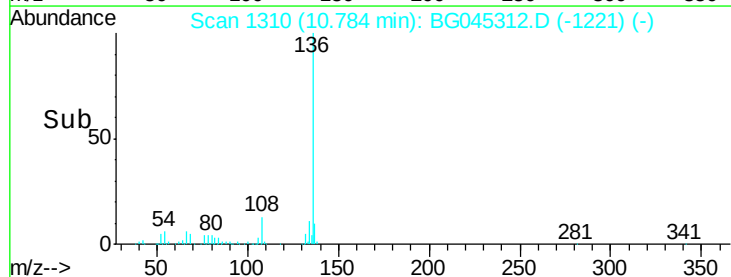
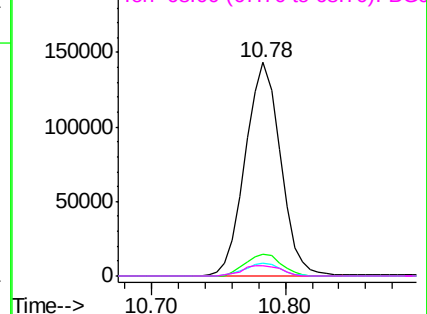
137 10.3 8.6 13.0

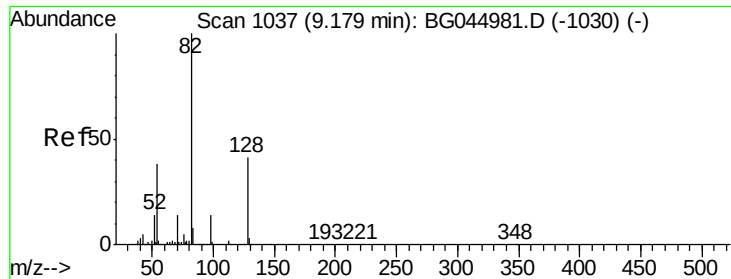
54 6.0 4.8 7.2

68 5.0 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

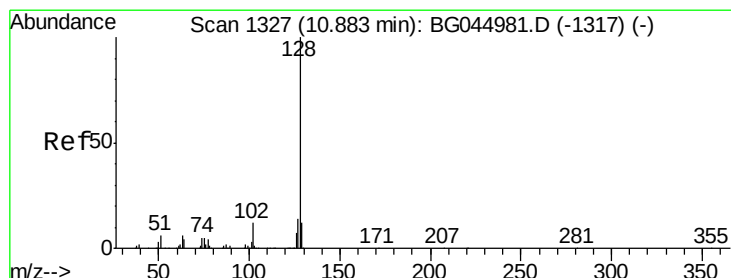
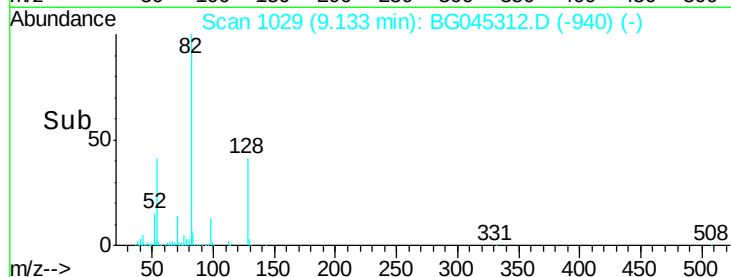
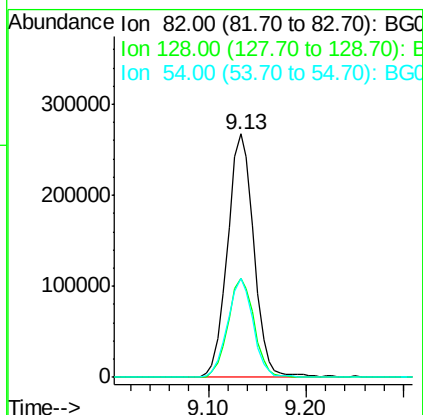
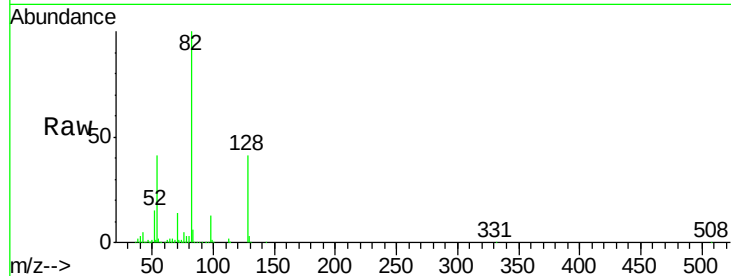




#23
 Nitrobenzene-d5
 Concen: 87.04 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045312.D
 Acq: 12 May 2020 2:43

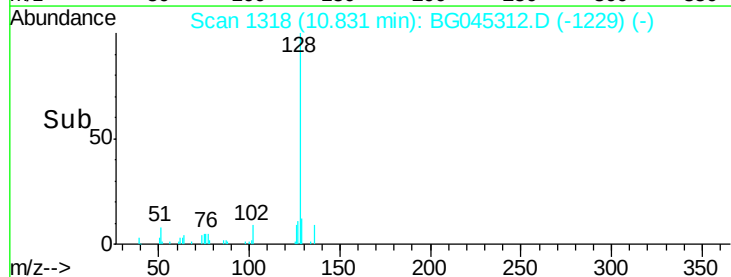
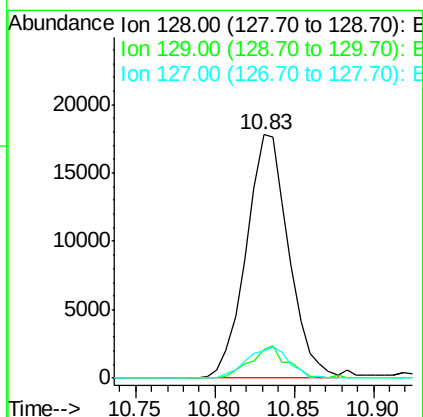
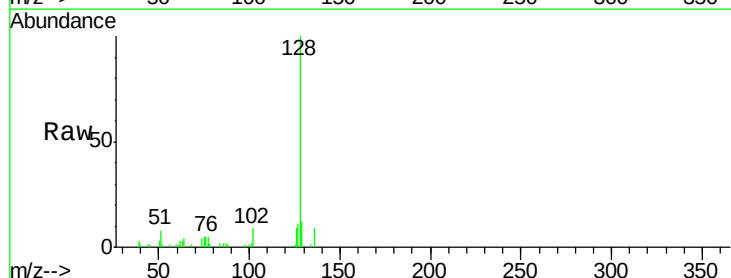
Instrument :
 BNA_G
 ClientSampleId :
 TP-15A

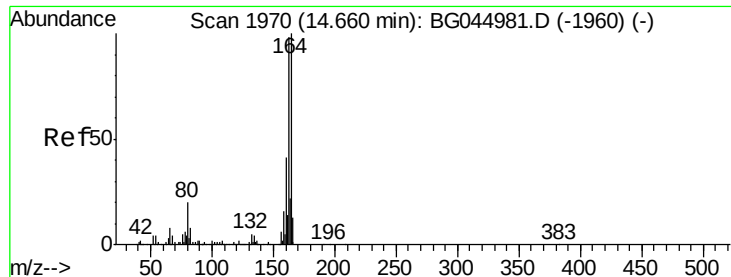
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	40.5	30.4	45.6



#31
 Naphthalene
 Concen: 2.31 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG045312.D
 Acq: 12 May 2020 2:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	11.5	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

Instrument :

BNA_G

ClientSampleId :

TP-15A

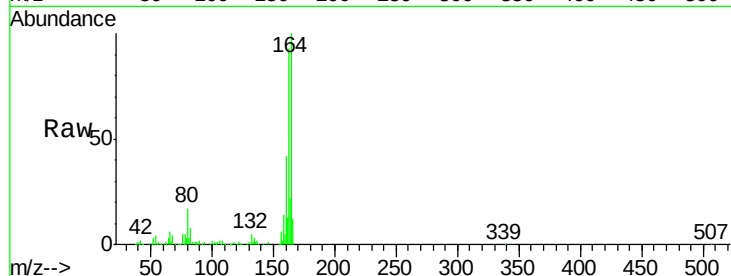
Tgt Ion:164 Resp: 181324

Ion Ratio Lower Upper

164 100

162 93.3 78.7 118.1

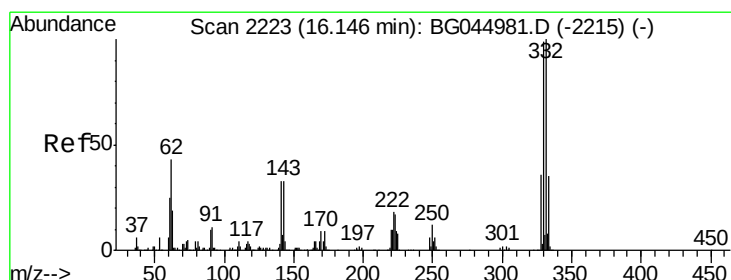
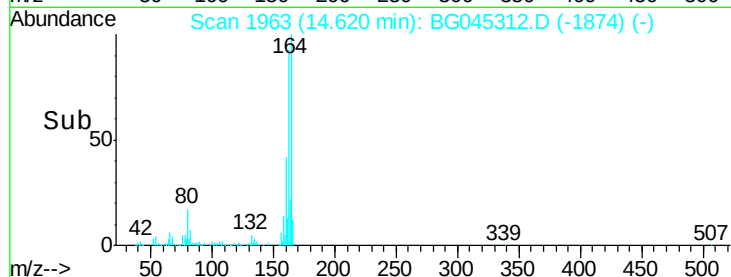
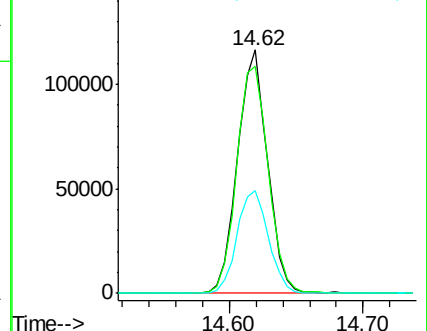
160 42.2 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 125.99 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

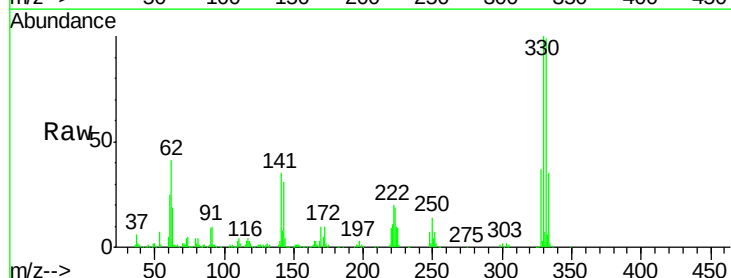
Tgt Ion:330 Resp: 352928

Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

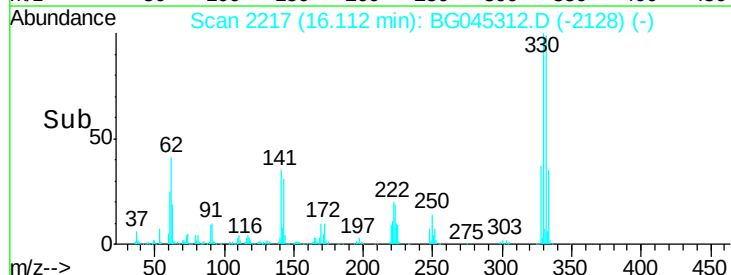
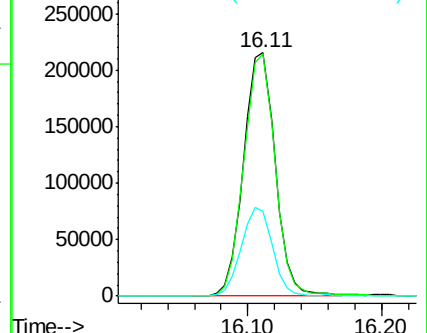
141 35.8 27.1 40.7

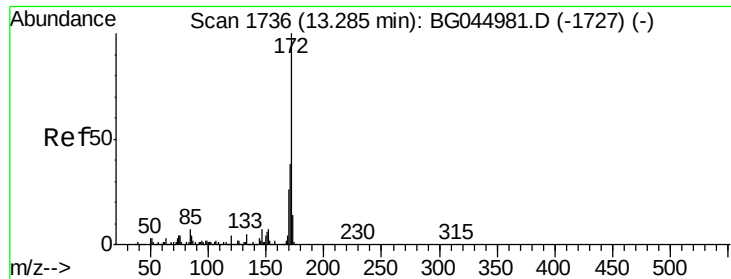


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

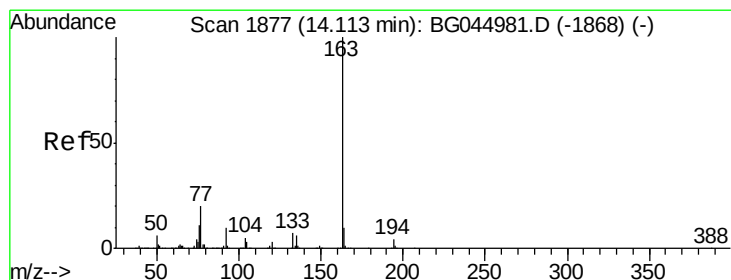
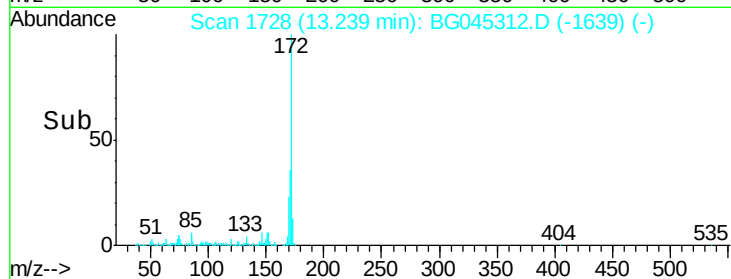
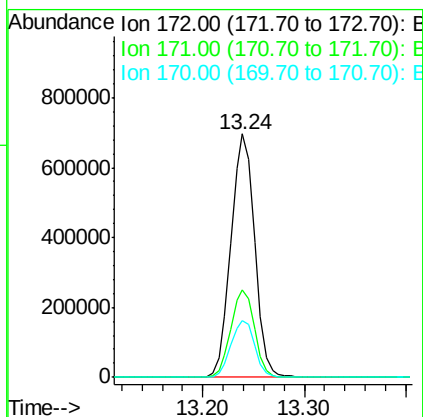
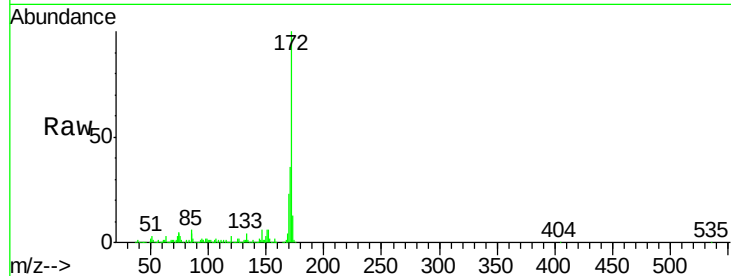




#45
 2-Fluorobiphenyl
 Concen: 91.39 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG045312.D
 Acq: 12 May 2020 2:43

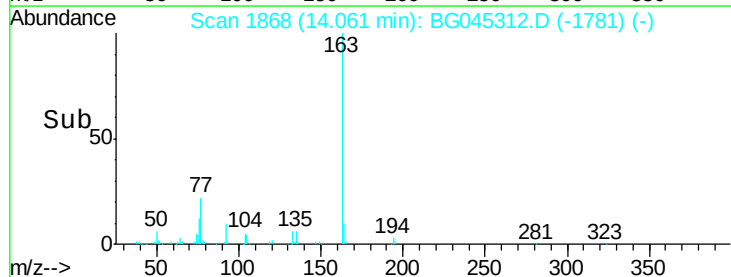
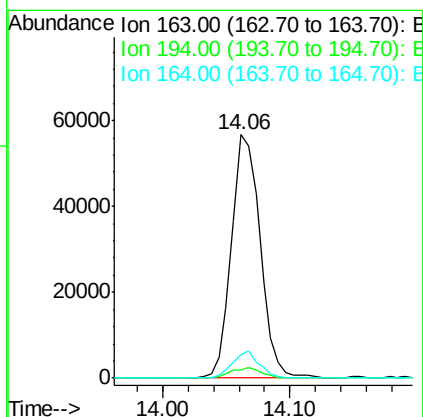
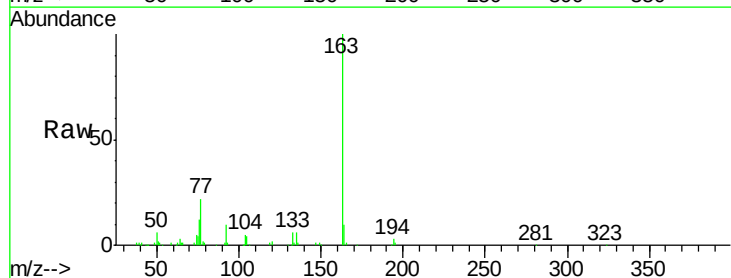
Instrument :
 BNA_G
 ClientSampleId :
 TP-15A

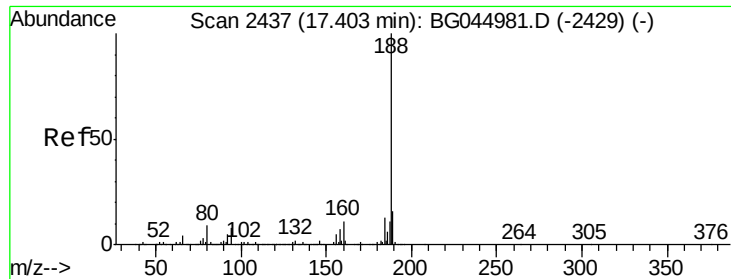
Tgt Ion:172 Resp: 1130135
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.6 46.0
 170 23.5 20.5 30.7



#50
 Dimethylphthalate
 Concen: 6.03 ng
 RT: 14.06 min Scan# 1868
 Delta R.T. -0.02 min
 Lab File: BG045312.D
 Acq: 12 May 2020 2:43

Tgt Ion:163 Resp: 89016
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.5 5.3#
 164 9.7 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

Instrument :

BNA_G

ClientSampleId :

TP-15A

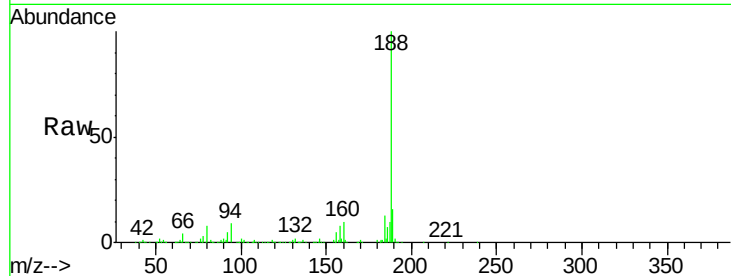
Tgt Ion:188 Resp: 416761

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.4

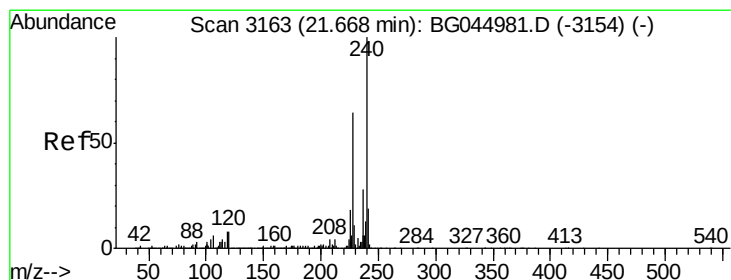
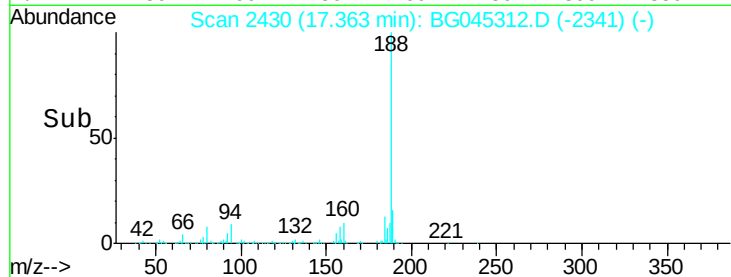
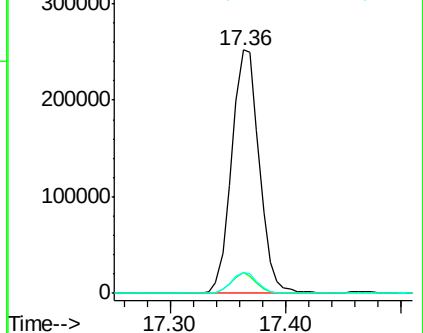
80 8.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

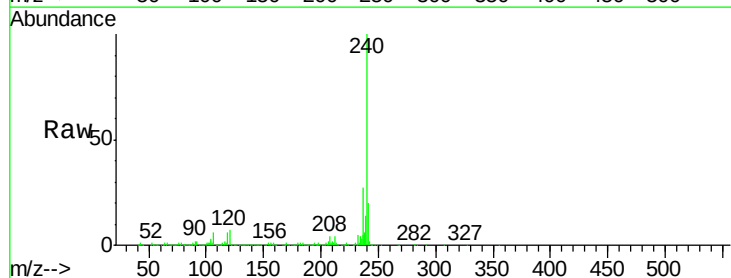
Tgt Ion:240 Resp: 446382

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

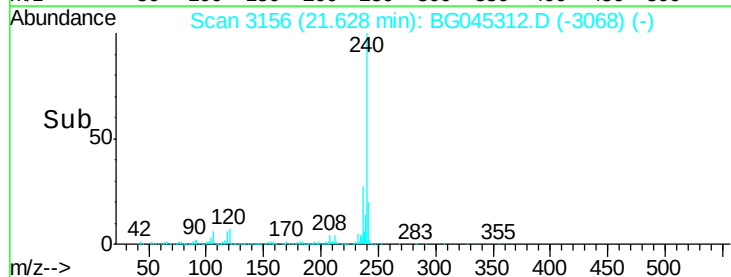
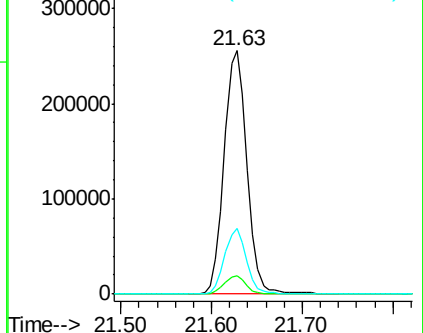
236 26.9 22.2 33.2

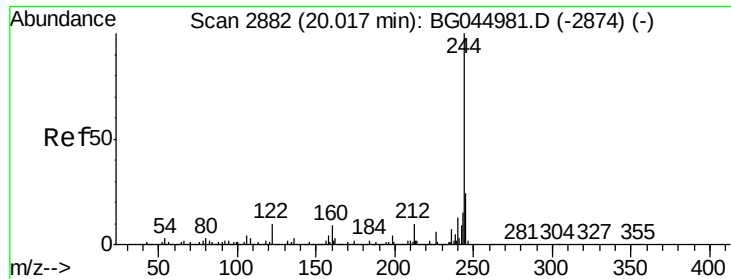


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.64 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

Instrument :

BNA_G

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TP-15A

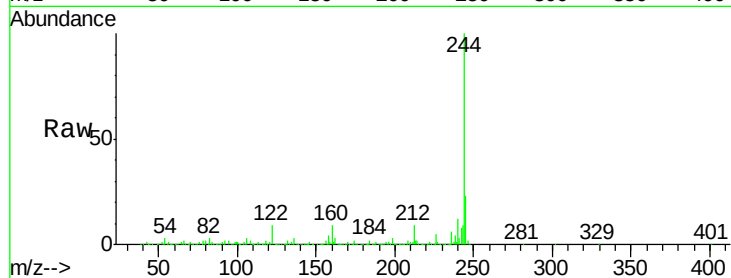
Tgt Ion:244 Resp: 1938278

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

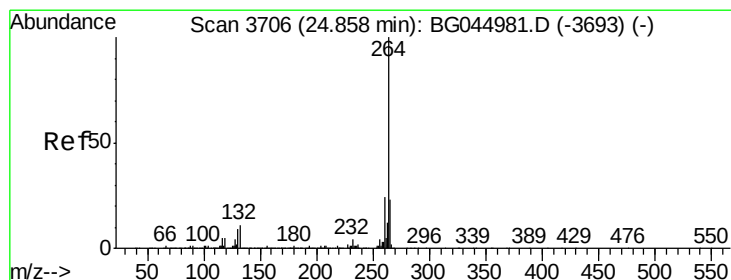
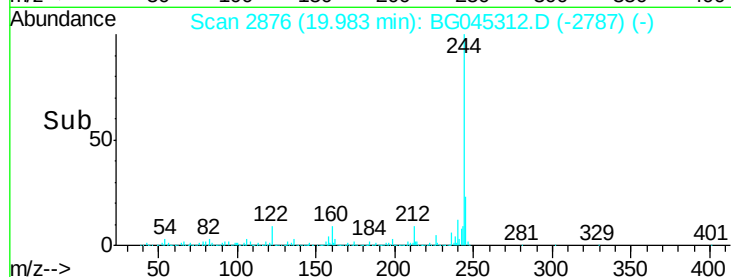
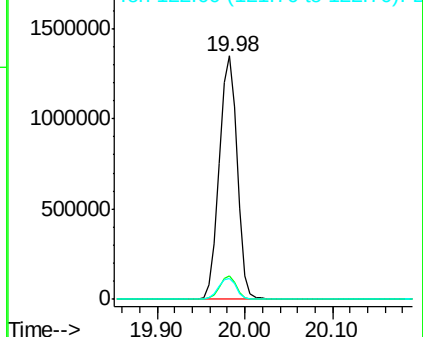
122 8.7 7.7 11.5



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: 20.00 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.02 min

Lab File: BG045312.D

Acq: 12 May 2020 2:43

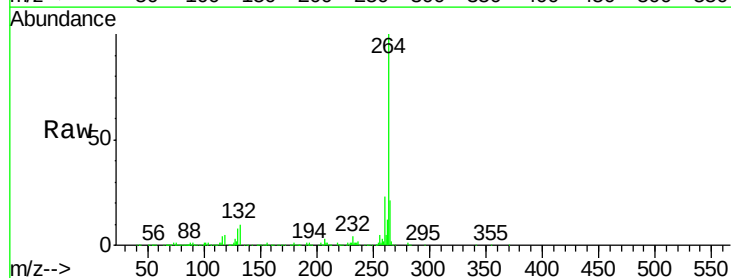
Tgt Ion:264 Resp: 490636

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.9 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

