

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044824.D
 Acq On : 16 Mar 2020 22:15
 Operator : CG/JU
 Sample : L1859-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-SA

Quant Time: Mar 17 05:24:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

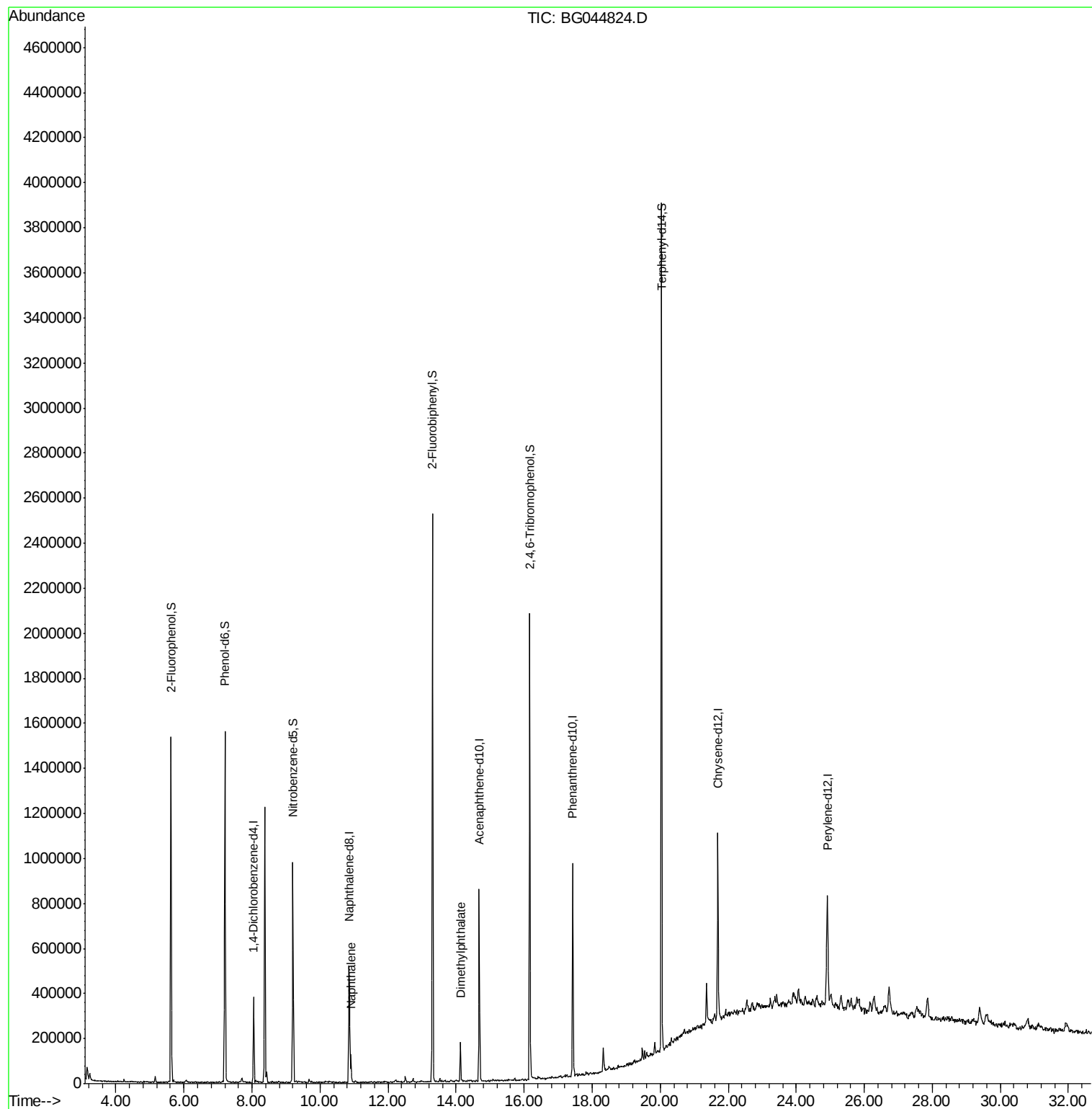
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107632	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	444725	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	302885	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	631949	20.00	ng	0.00
76) Chrysene-d12	21.70	240	495617	20.00	ng	0.00
87) Perylene-d12	24.92	264	557691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	671781	97.16	ng	0.00
7) Phenol-d6	7.21	99	971218	96.68	ng	0.00
23) Nitrobenzene-d5	9.20	82	643494	63.49	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	406201	102.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1362520	64.42	ng	0.00
79) Terphenyl-d14	20.04	244	1792491	67.65	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	106195	4.311	ng	96
50) Dimethylphthalate	14.13	163	117639	4.877	ng	96

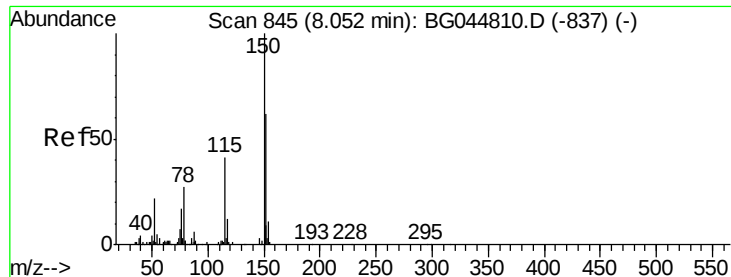
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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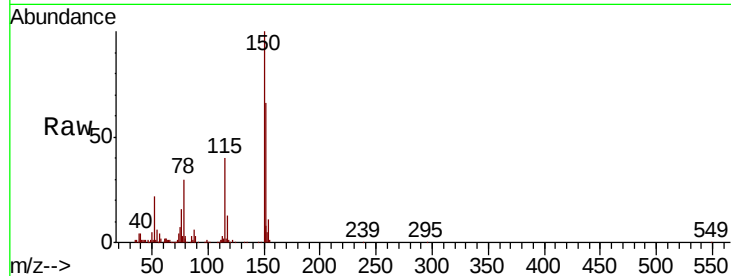


#1

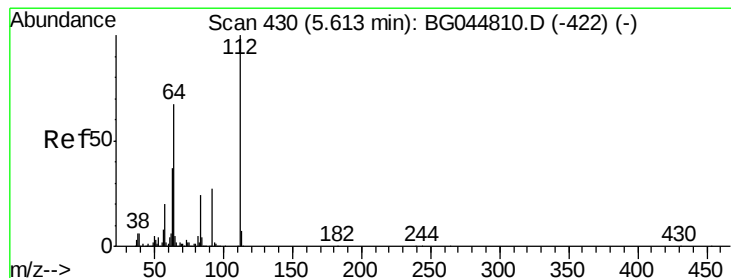
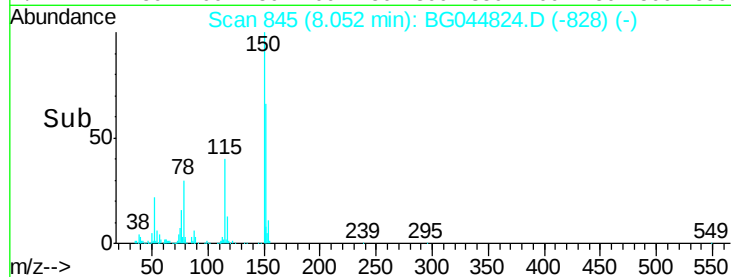
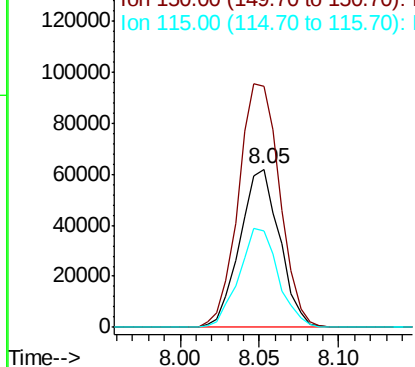
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Instrument :
BNA_G
ClientSampleId :
TP-8-SA

Tot Ion:152 Resp: 107632
Ion Ratio Lower Upper
152 100
150 152.5 128.8 193.2
115 61.0 52.6 79.0



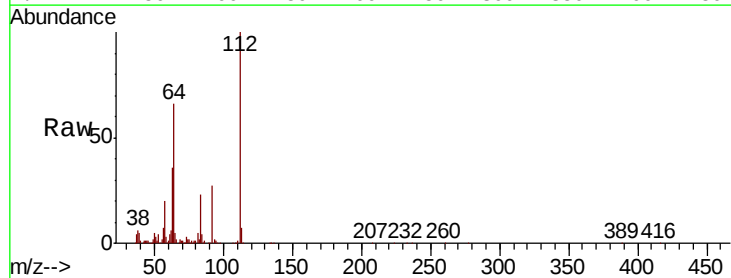
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



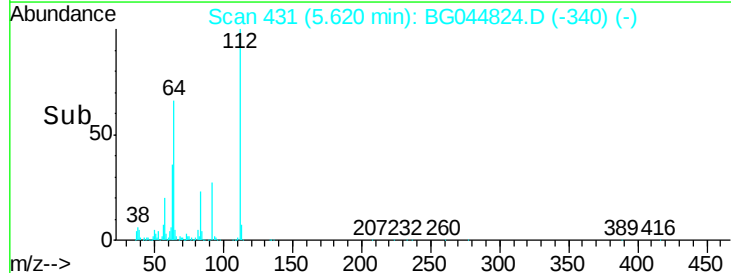
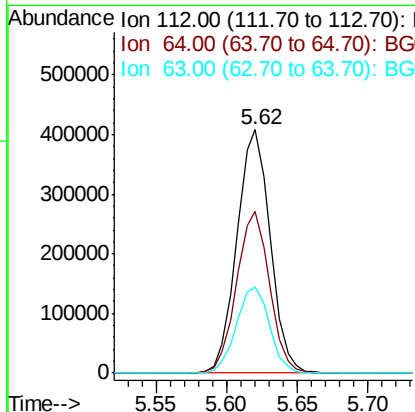
#5

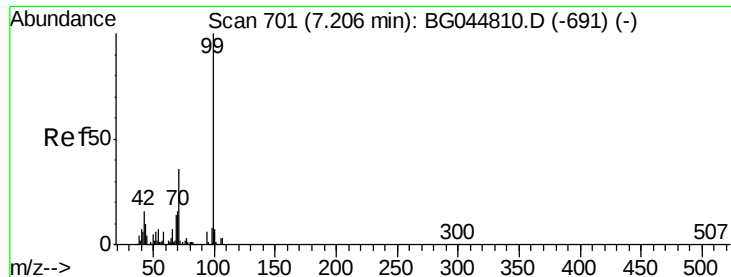
2-Fluorophenol
Concen: 97.160 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:112 Resp: 671781
Ion Ratio Lower Upper
112 100
64 66.4 53.4 80.2
63 35.5 29.4 44.2



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: 96.679 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

Instrument :

BNA_G

ClientSampleId :

TP-8-SA

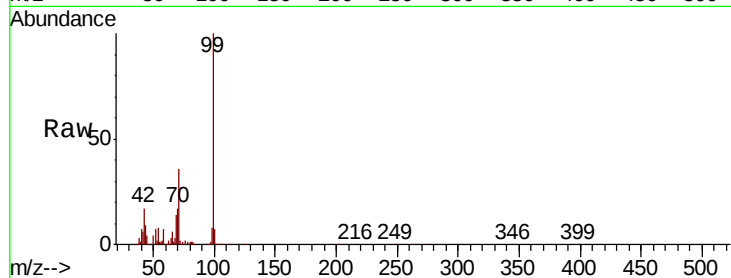
Tot Ion: 99 Resp: 971218

Ion Ratio Lower Upper

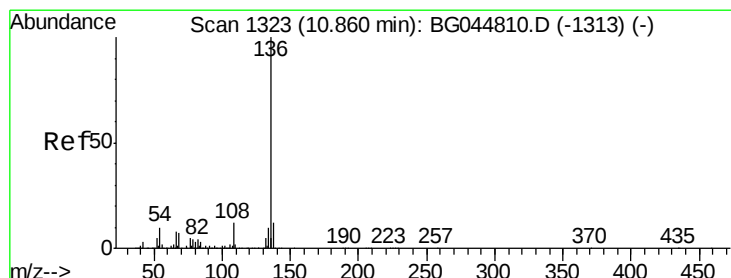
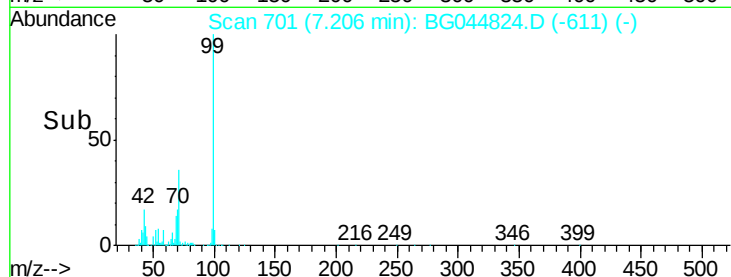
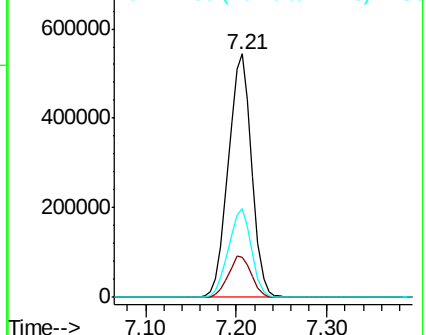
99 100

42 16.6 12.6 19.0

71 36.4 29.0 43.4



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: 10.86 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

Tgt Ion: 136 Resp: 444725

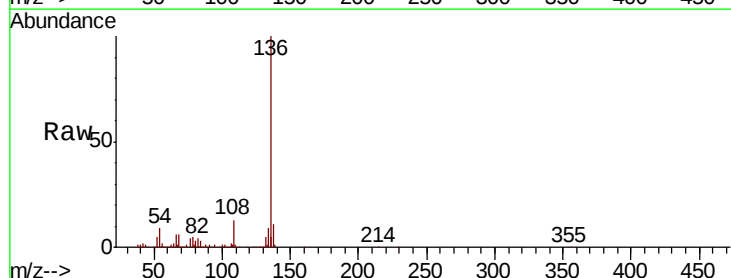
Ion Ratio Lower Upper

136 100

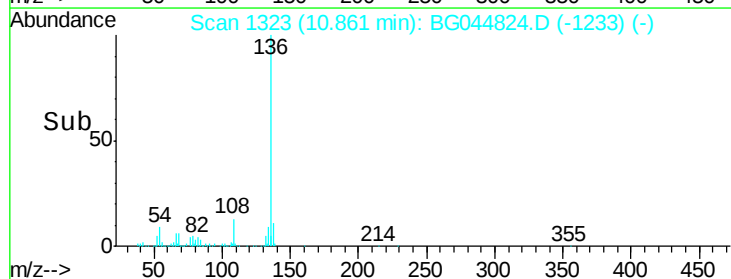
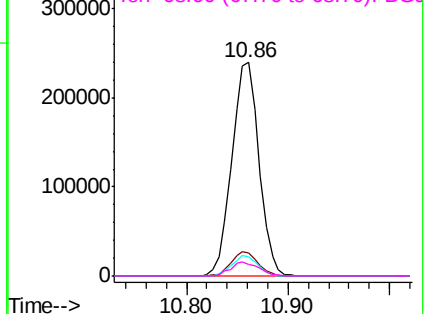
137 10.6 9.8 14.6

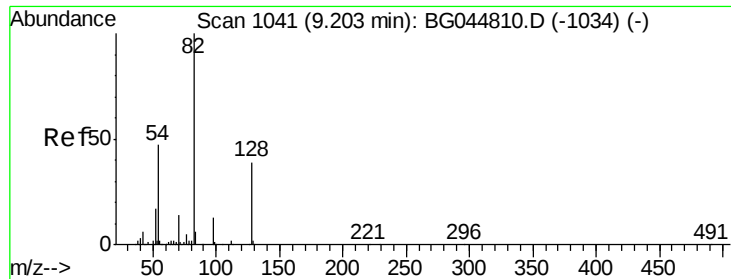
54 9.0 7.9 11.9

68 5.6 5.4 8.0



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

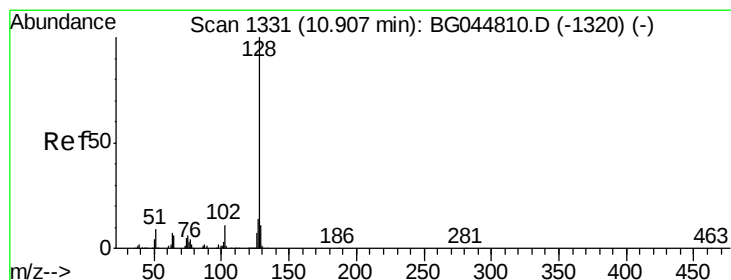
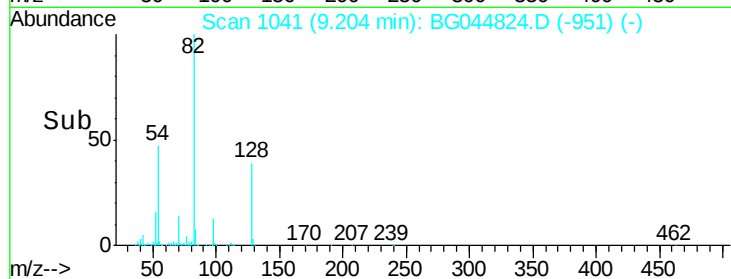
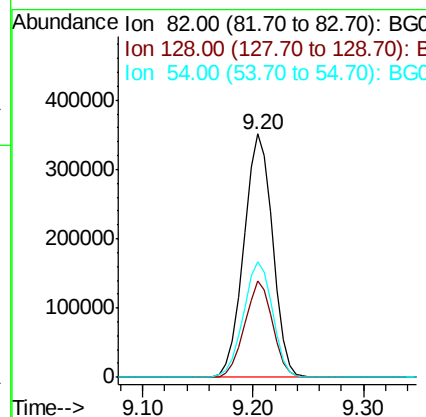
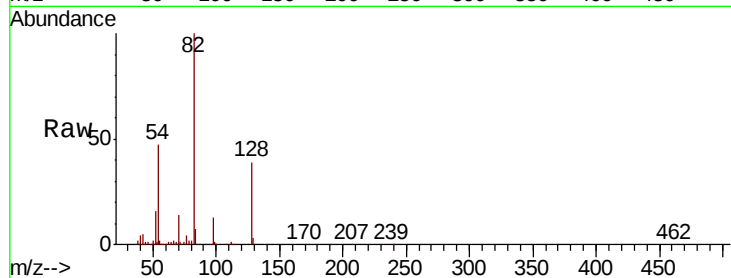




#23
 Nitrobenzene-d5
 Concen: 63.494 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044824.D
 Acq: 16 Mar 2020 22:15

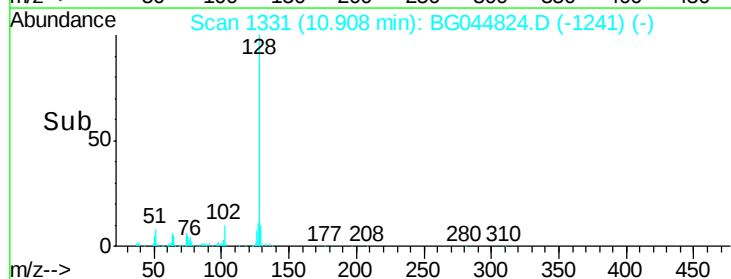
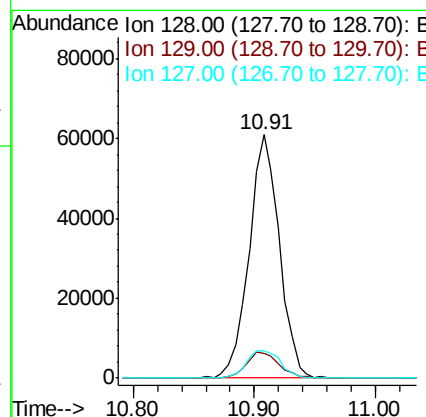
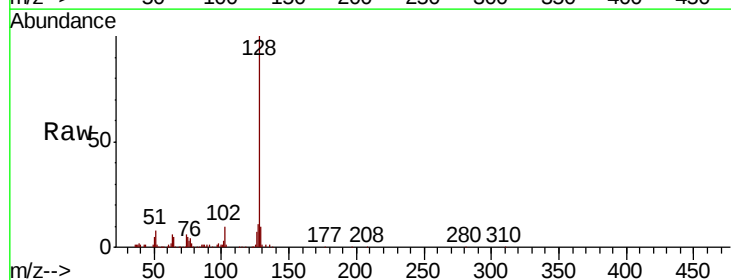
Instrument :
 BNA_G
 ClientSampleId :
 TP-8-SA

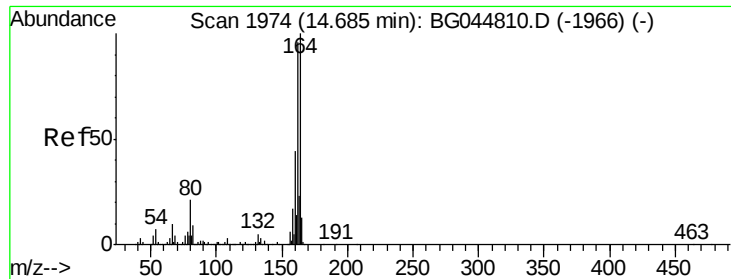
Tot Ion	82	Resp	643494
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.6	46.0
54	47.5	37.1	55.7



#31
 Naphthalene
 Concen: 4.311 ng
 RT: 10.91 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BG044824.D
 Acq: 16 Mar 2020 22:15

Tgt Ion	128	Resp	106195
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.0	13.4
127	11.3	10.8	16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

Instrument :

BNA_G

ClientSampleId :

TP-8-SA

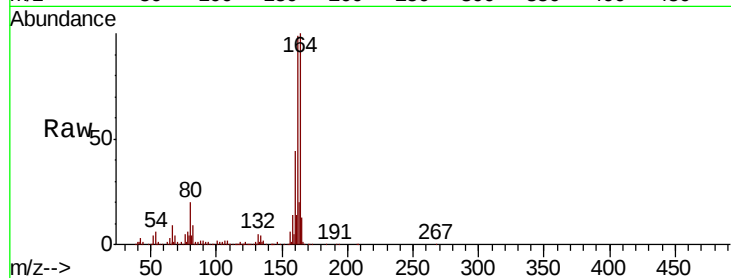
Tot Ion:164 Resp: 302885

Ion Ratio Lower Upper

164 100

162 98.9 76.7 115.1

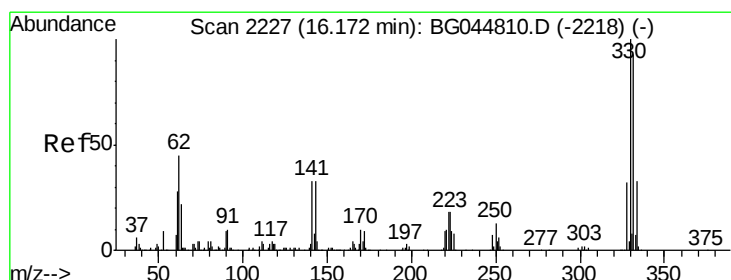
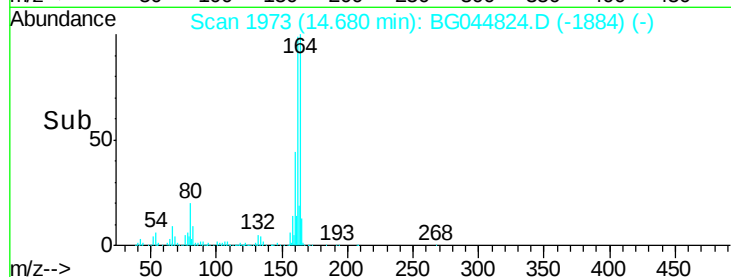
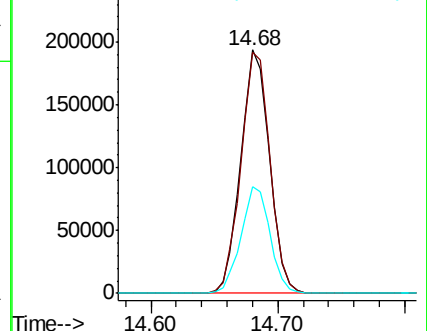
160 43.8 35.0 52.4



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: 102.426 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

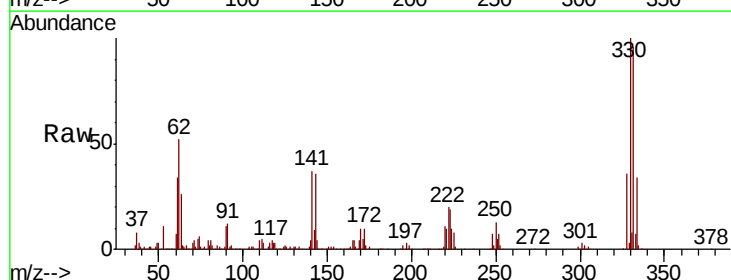
Tgt Ion:330 Resp: 406201

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

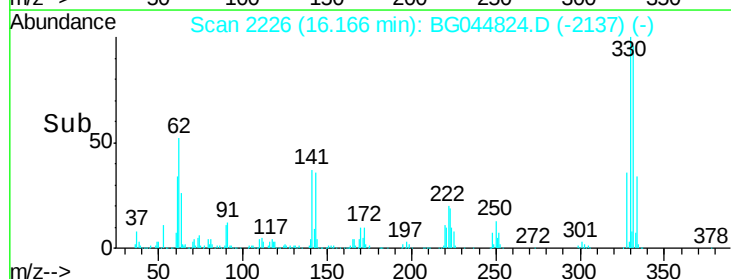
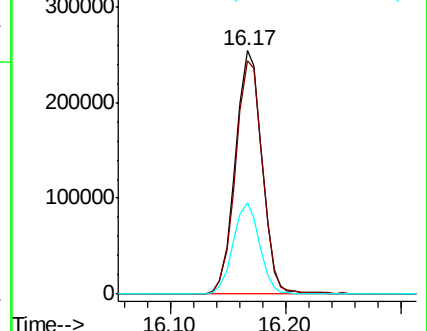
141 37.2 29.5 44.3

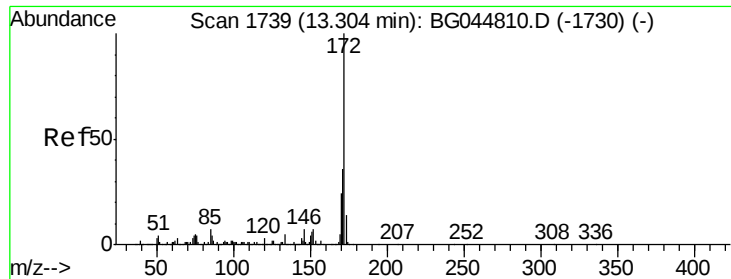


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

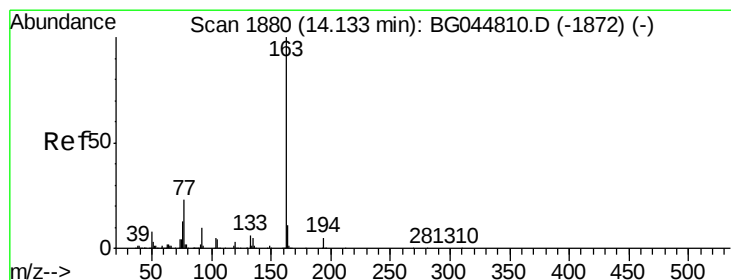
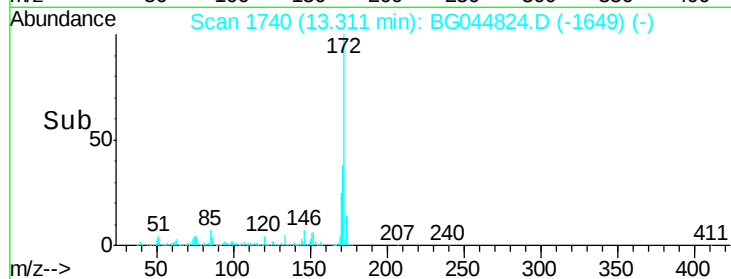
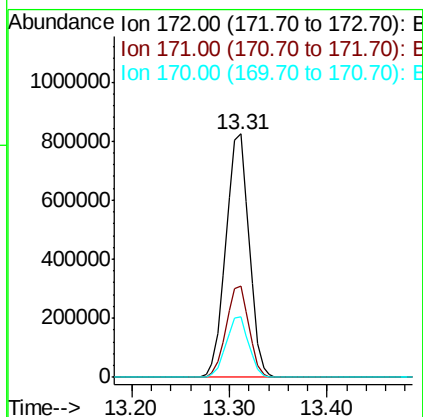
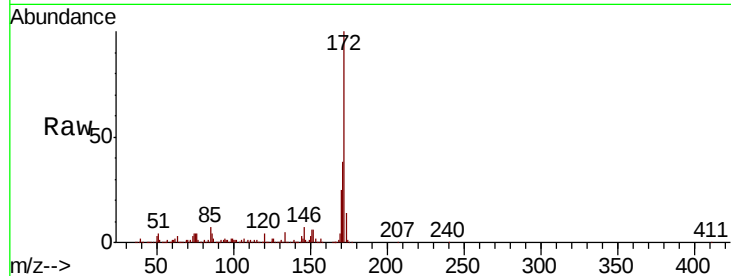




#45
2-Fluorobiphenyl
Concen: 64.420 ng
RT: 13.31 min Scan# 1740
Delta R.T. 0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

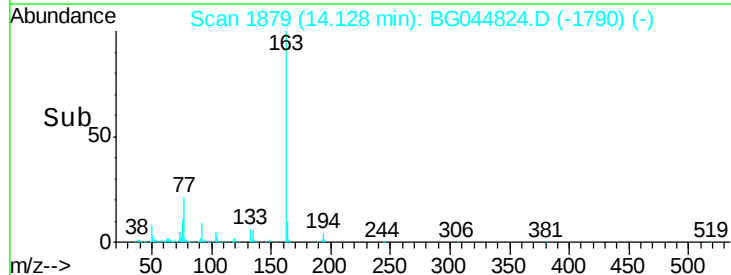
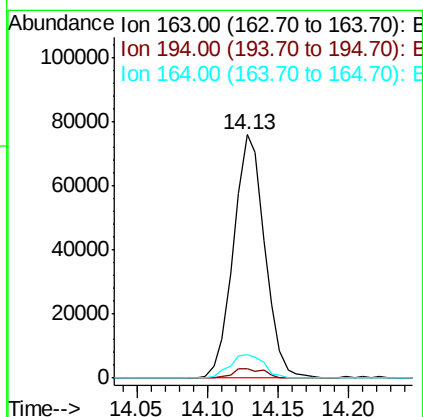
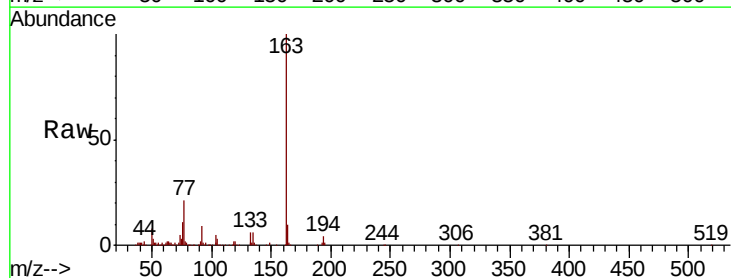
Instrument :
BNA_G
ClientSampled :
TP-8-SA

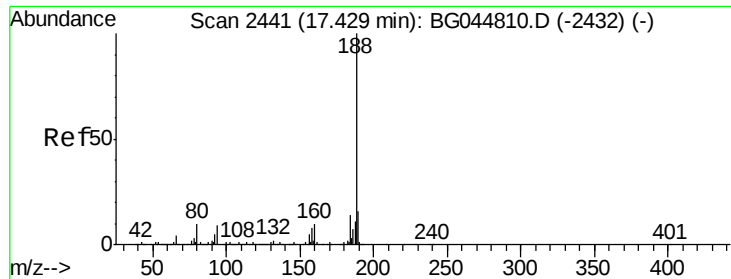
Tot Ion:172 Resp: 1362520
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 24.9 19.0 28.6



#50
Dimethylphthalate
Concen: 4.877 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044824.D
Acq: 16 Mar 2020 22:15

Tgt Ion:163 Resp: 117639
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 9.7 9.1 13.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

Instrument :

BNA_G

ClientSampleId :

TP-8-SA

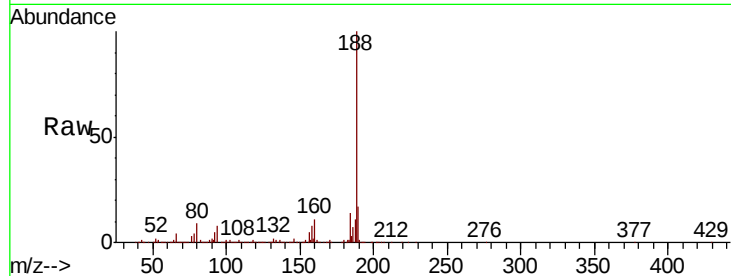
Tot Ion:188 Resp: 631949

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

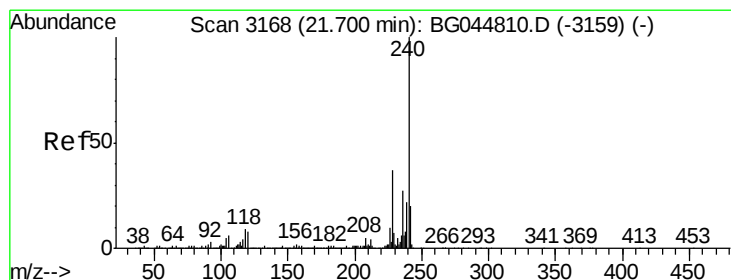
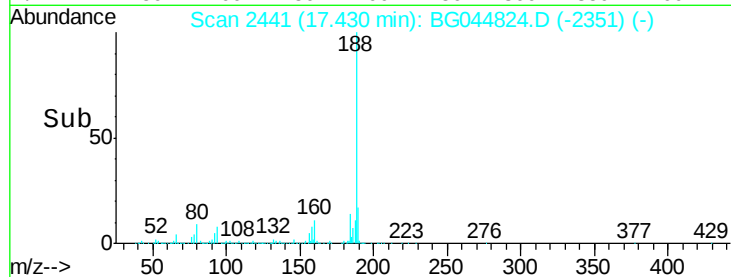
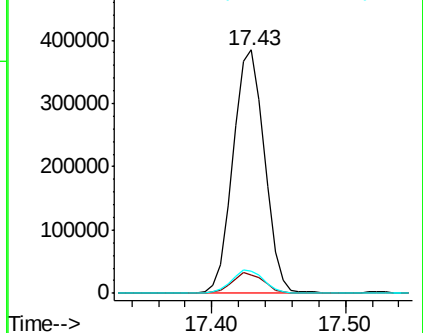
80 9.0 8.0 12.0



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: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

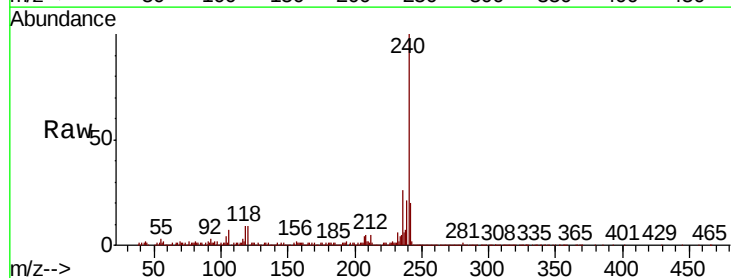
Tgt Ion:240 Resp: 495617

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

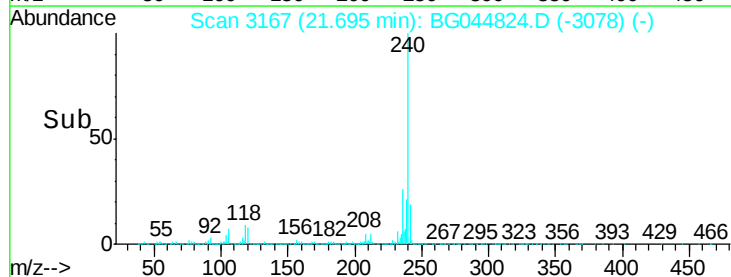
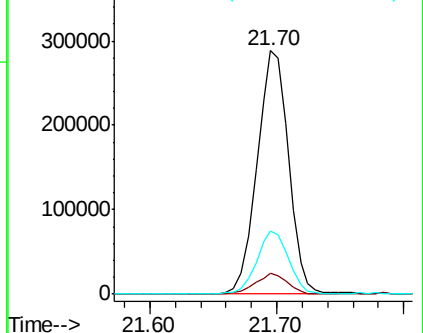
236 25.9 21.5 32.3

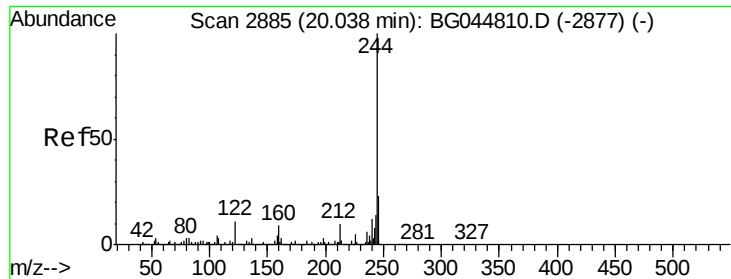


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.652 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

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TP-8-SA

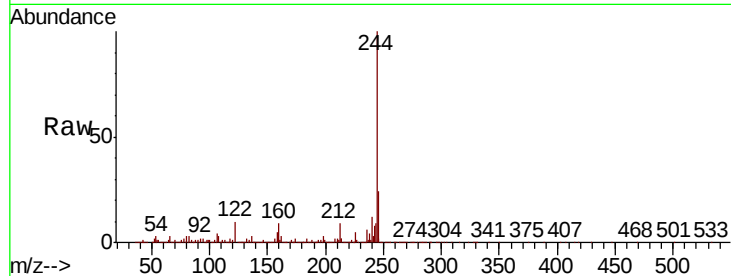
Tot Ion:244 Resp: 1792491

Ion Ratio Lower Upper

244 100

212 9.5 7.7 11.5

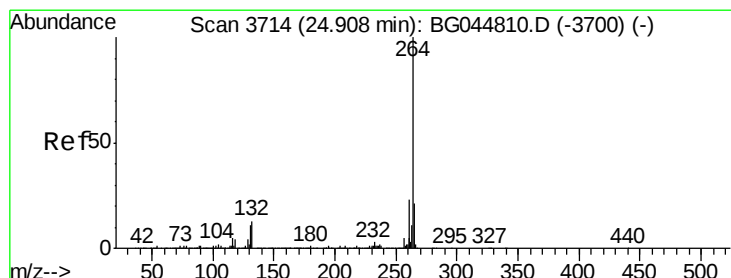
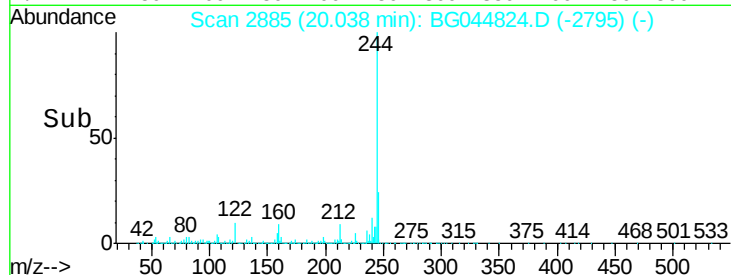
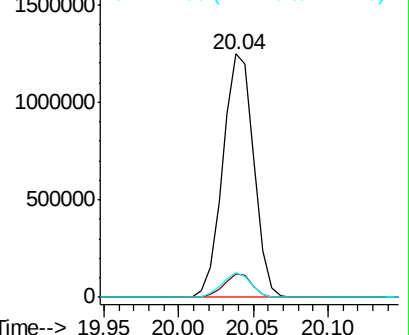
122 10.0 8.6 12.8



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: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG044824.D

Acq: 16 Mar 2020 22:15

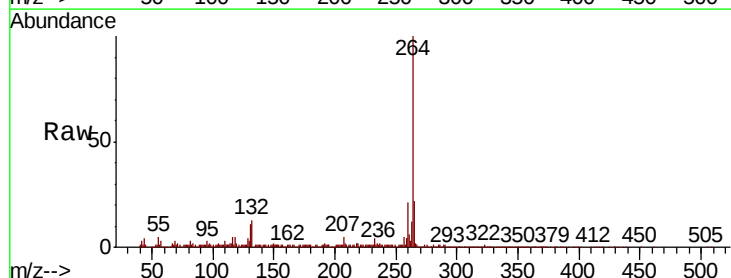
Tgt Ion:264 Resp: 557691

Ion Ratio Lower Upper

264 100

260 21.3 18.1 27.1

265 22.5 17.1 25.7



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

