

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044030.D
 Acq On : 14 Jan 2020 2:53
 Operator : JU
 Sample : L1103-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18(3-5)

Quant Time: Jan 14 10:47:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

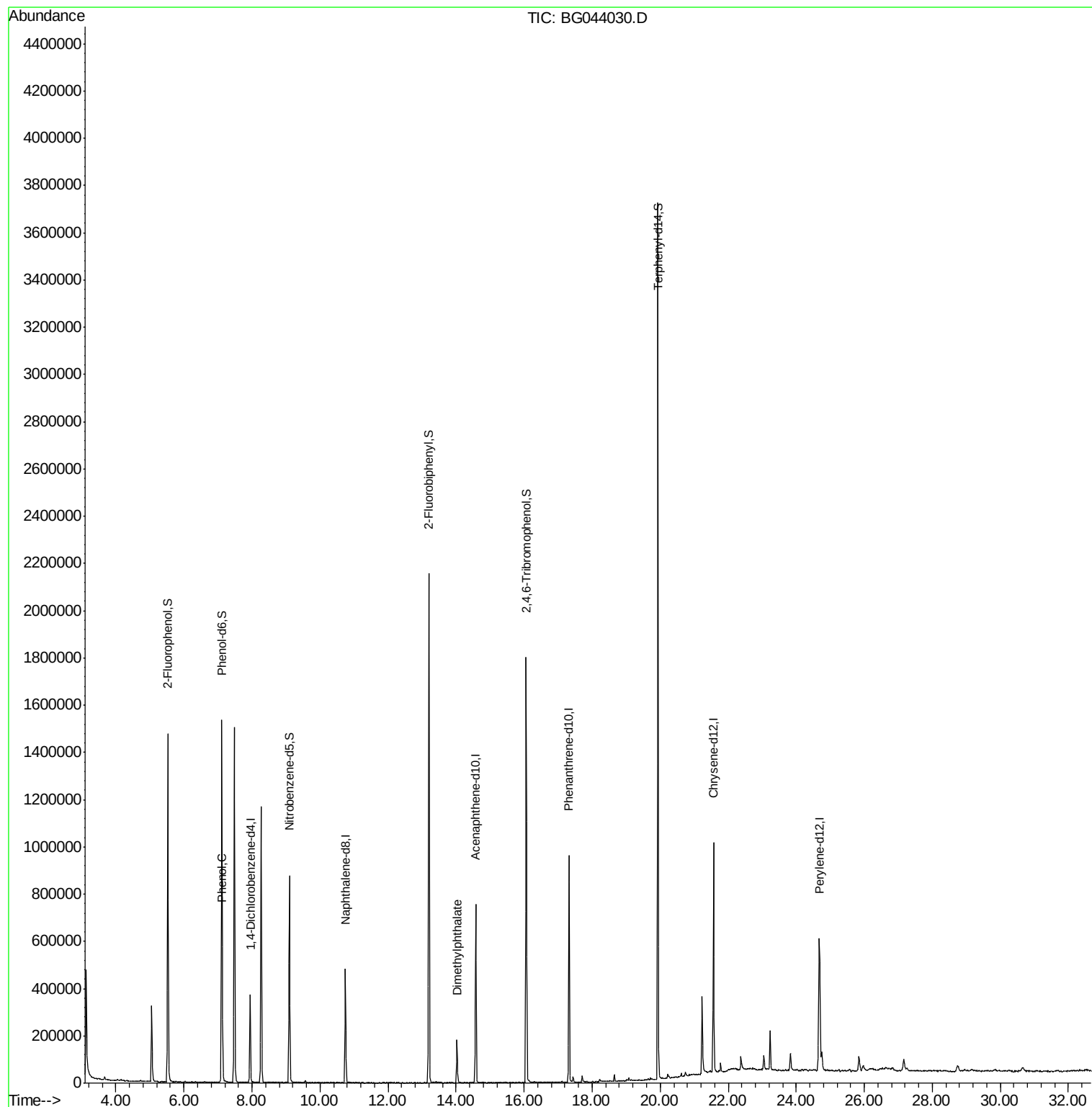
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111632	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	450038	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	273802	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	592880	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	539314	20.00	ng	-0.02
87) Perylene-d12	24.68	264	595857	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	719244	118.30	ng	-0.01
7) Phenol-d6	7.11	99	969747	114.11	ng	-0.01
23) Nitrobenzene-d5	9.10	82	562427	66.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	333113	116.26	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1180666	78.13	ng	-0.02
79) Terphenyl-d14	19.93	244	1716554	74.08	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	27378	3.127	ng	Qvalue # 75
50) Dimethylphthalate	14.03	163	134353	6.911	ng	97

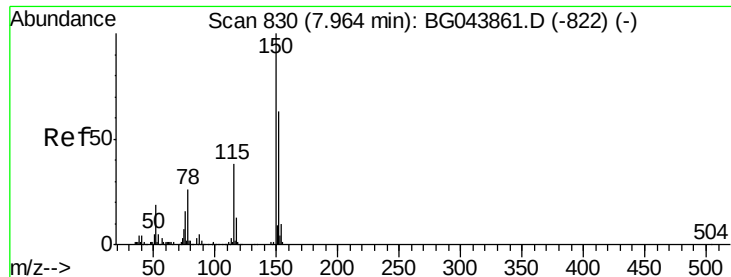
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044030.D
Acq On : 14 Jan 2020 2:53
Operator : JU
Sample : L1103-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-18(3-5)

Quant Time: Jan 14 10:47:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



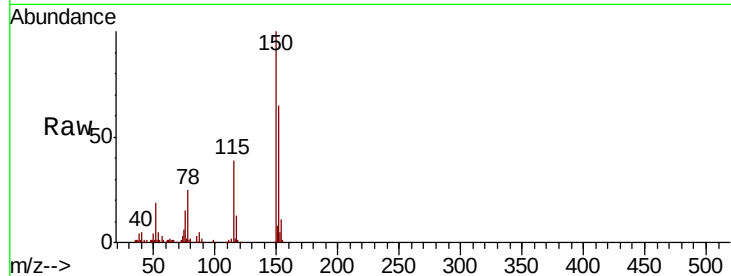


#1

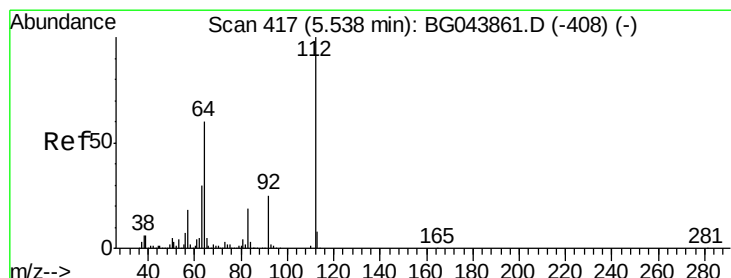
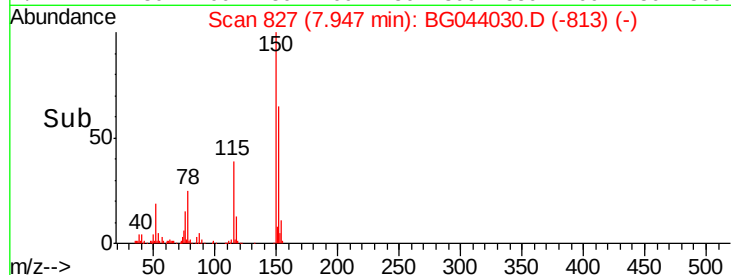
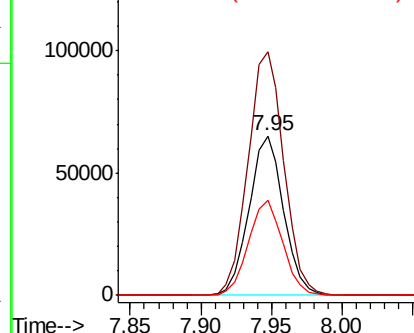
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

Instrument :
BNA_G
ClientSampleId :
SB-18(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.4
115	59.7	47.8	71.8



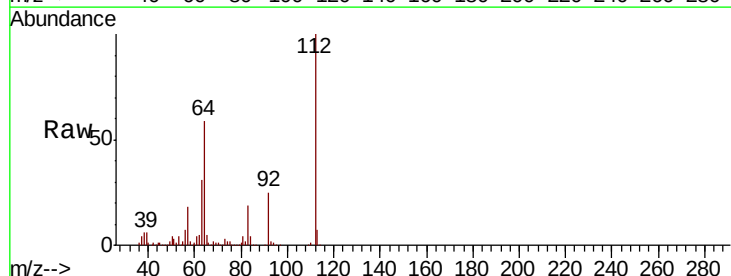
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



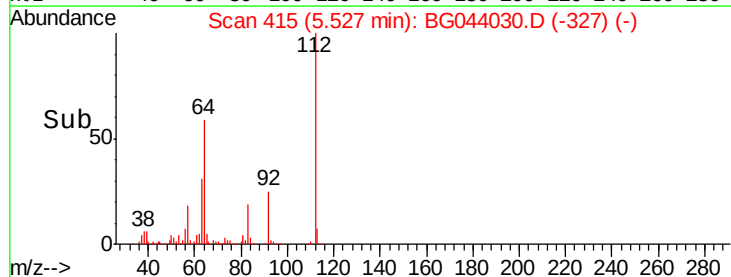
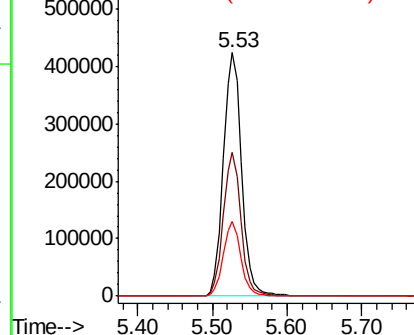
#5

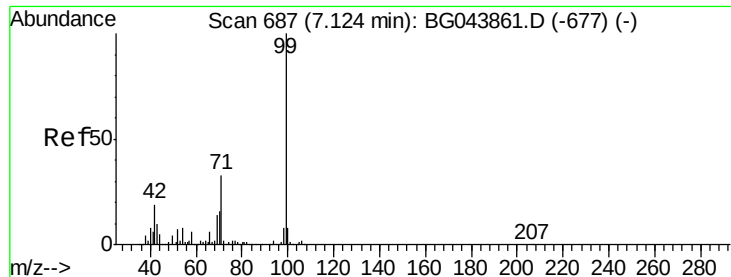
2-Fluorophenol
Concen: 118.301 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.8	71.6
63	30.8	24.3	36.5



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: 114.109 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

Instrument :

BNA_G

ClientSampleId :

SB-18(3-5)

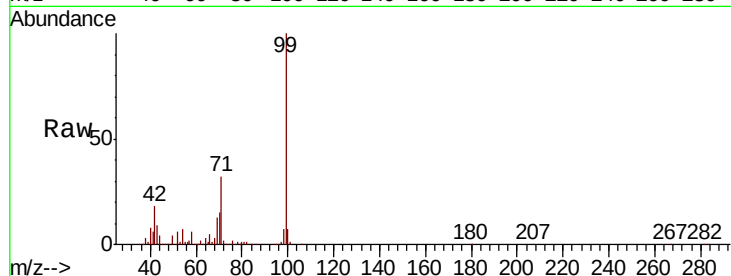
Tot Ion: 99 Resp: 969747

Ion Ratio Lower Upper

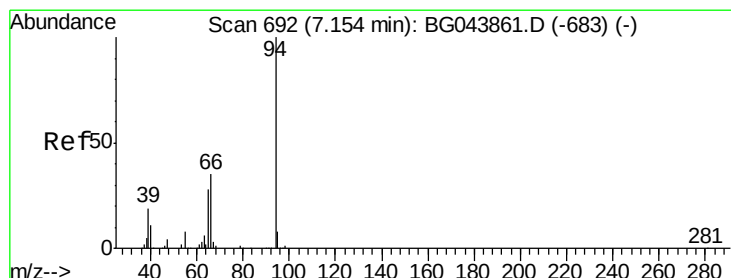
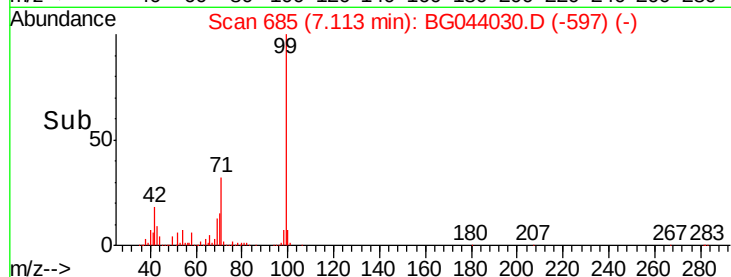
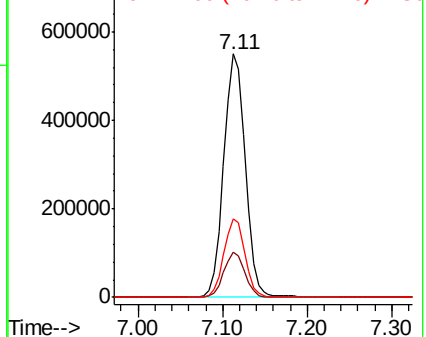
99 100

42 18.3 14.9 22.3

71 32.1 26.4 39.6



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



#10

Phenol

Concen: 3.127 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

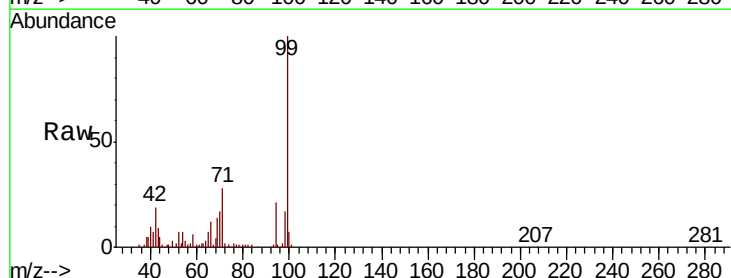
Tgt Ion: 94 Resp: 27378

Ion Ratio Lower Upper

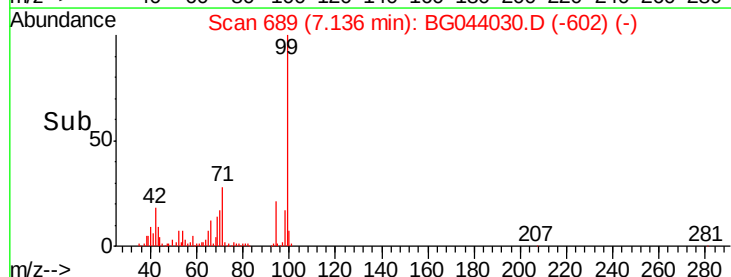
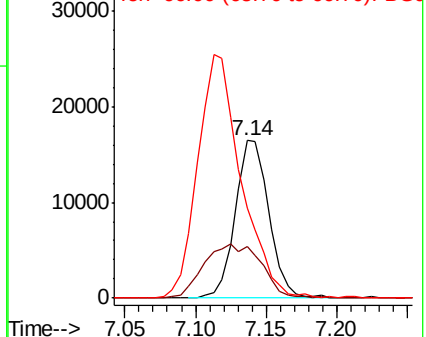
94 100

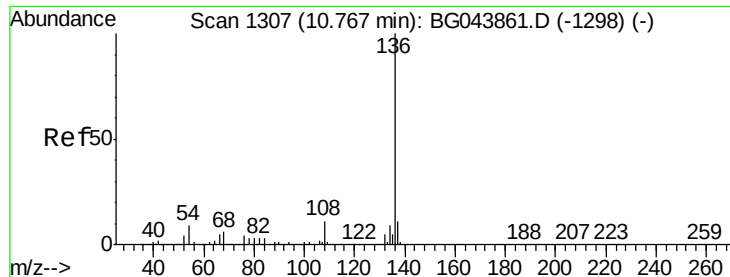
65 33.1 8.1 48.1

66 57.3 15.6 55.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

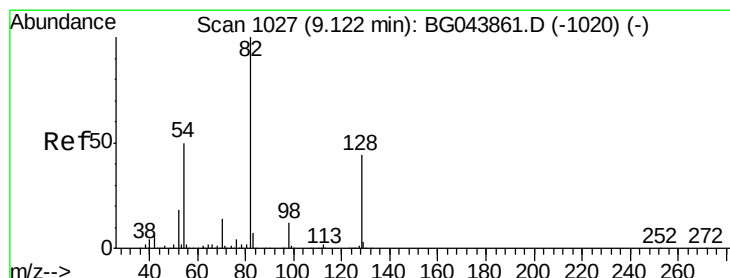
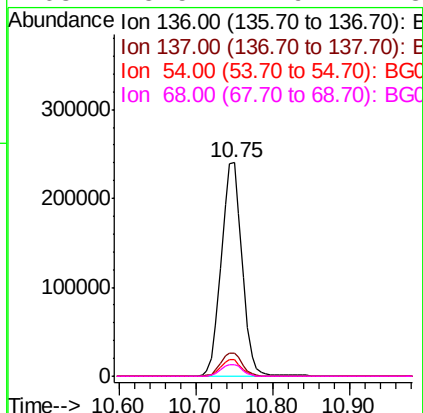
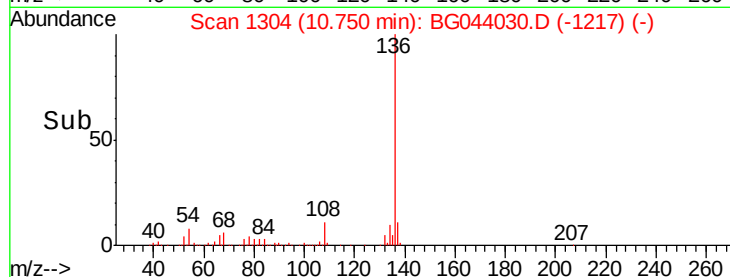
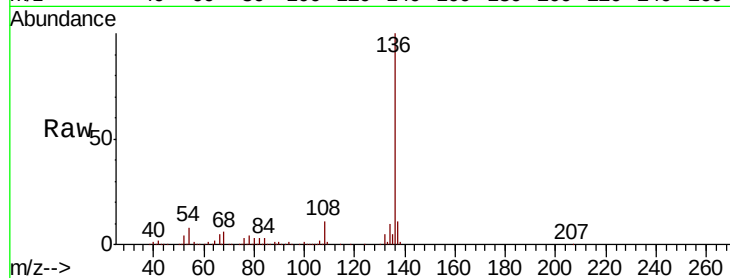




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

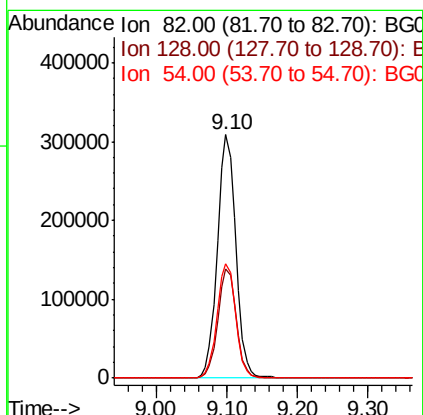
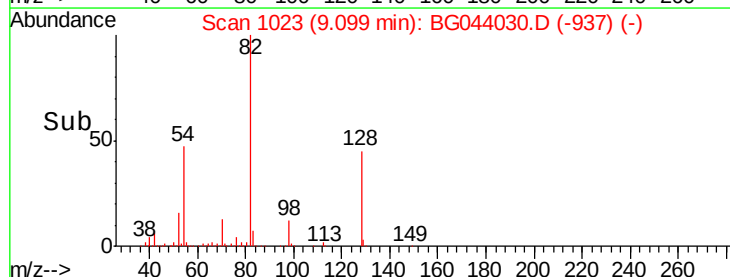
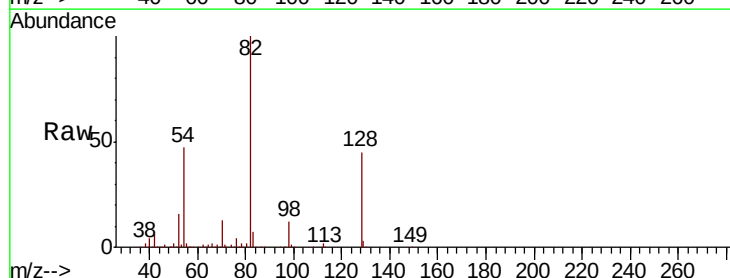
Instrument :
BNA_G
ClientSampleId :
SB-18(3-5)

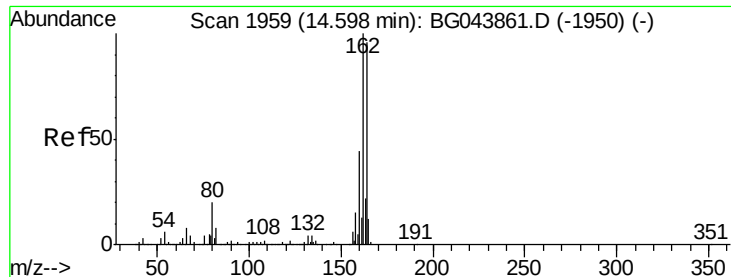
Tot Ion:136	Resp:	450038
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.7	7.0 10.4
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 66.856 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

Tgt Ion: 82	Resp:	562427
Ion Ratio	Lower	Upper
82	100	
128	44.9	35.1 52.7
54	47.2	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

Instrument :

BNA_G

ClientSampleId :

SB-18(3-5)

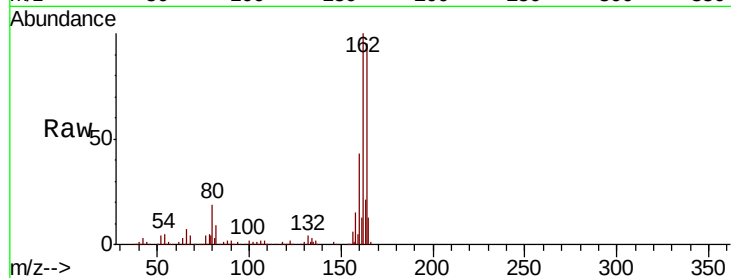
Tot Ion:164 Resp: 273802

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.4

160 45.8 36.1 54.1

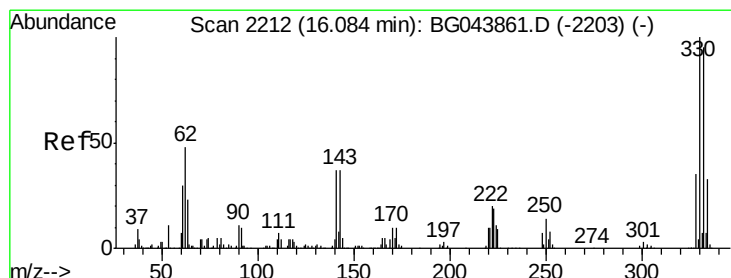
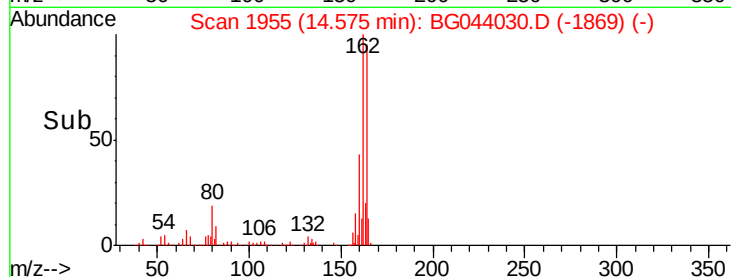
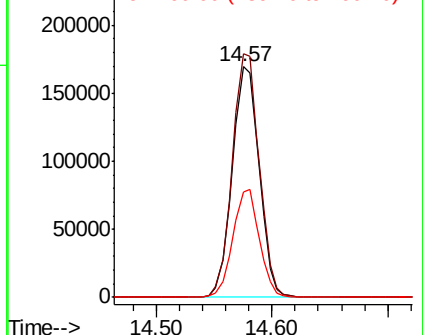


Abundance

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: 116.258 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

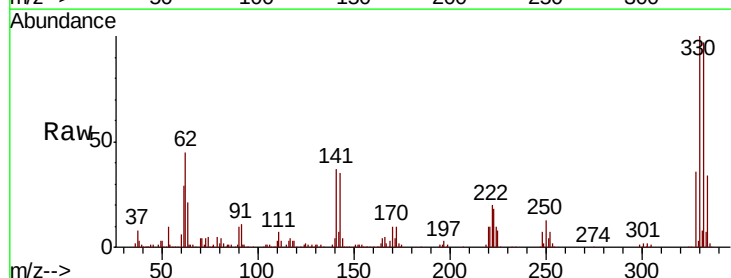
Tgt Ion:330 Resp: 333113

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

141 39.8 33.1 49.7

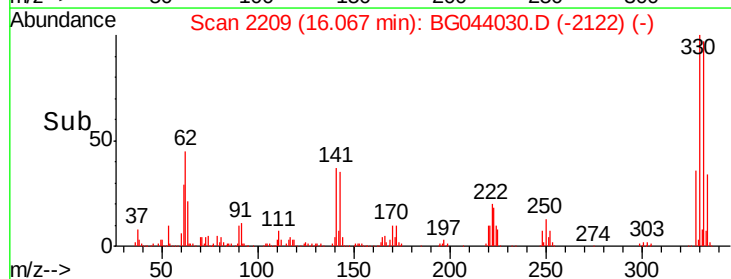
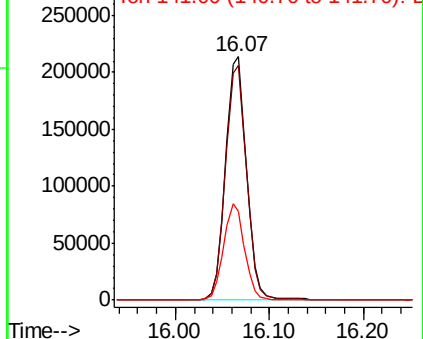


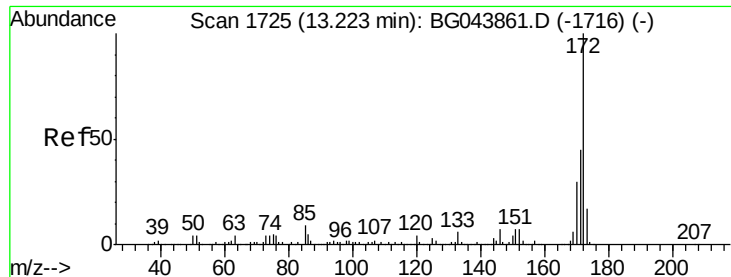
Abundance

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

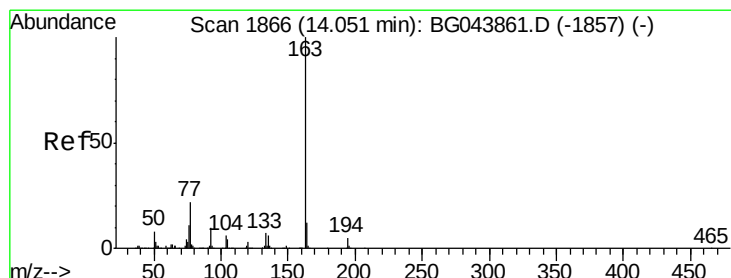
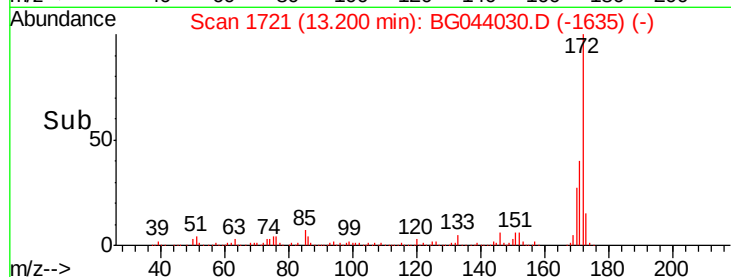
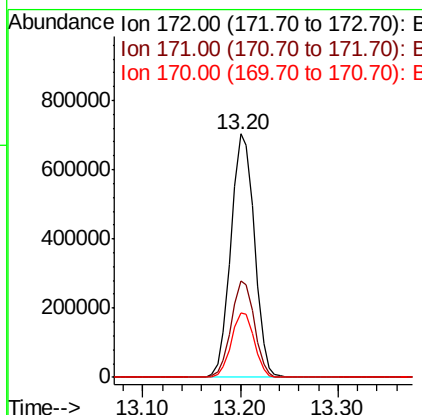
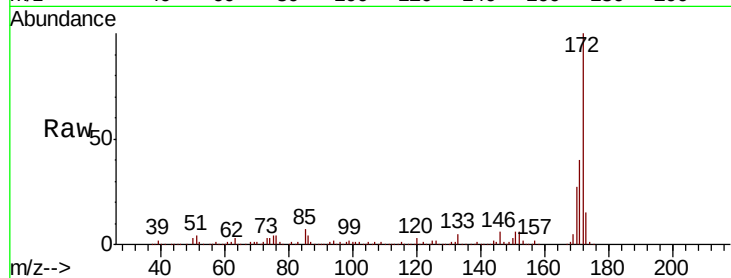




#45
2-Fluorobiphenyl
Concen: 78.126 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

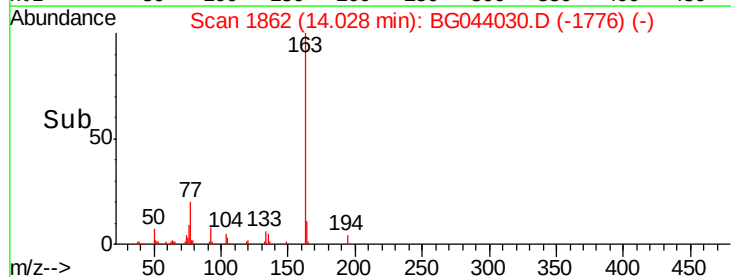
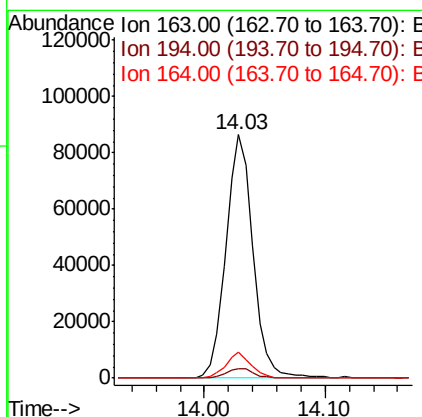
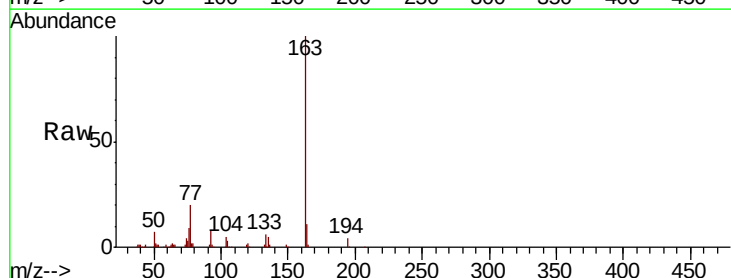
Instrument :
BNA_G
ClientSampleId :
SB-18(3-5)

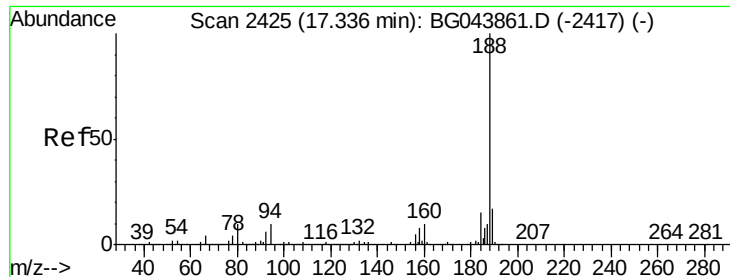
Tot Ion:172 Resp: 1180666
Ion Ratio Lower Upper
172 100
171 39.7 35.8 53.8
170 26.6 24.2 36.4



#50
Dimethylphthalate
Concen: 6.911 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044030.D
Acq: 14 Jan 2020 2:53

Tgt Ion:163 Resp: 134353
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.5 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

Instrument :

BNA_G

ClientSampleId :

SB-18(3-5)

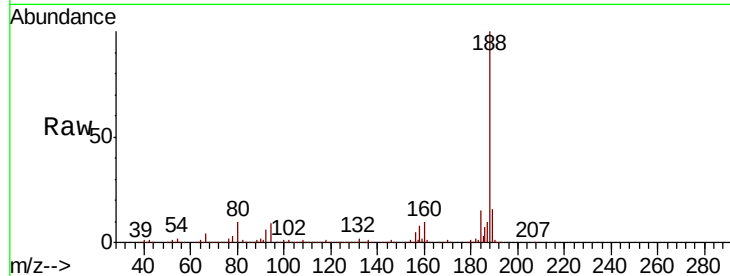
Tot Ion:188 Resp: 592880

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

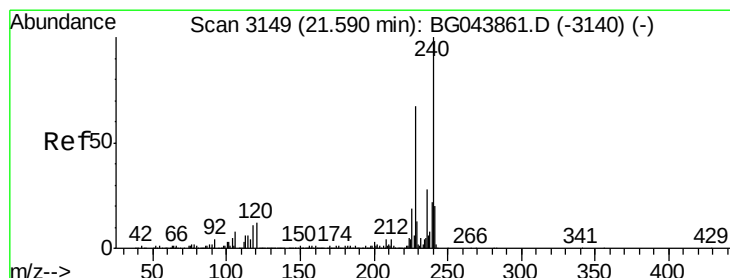
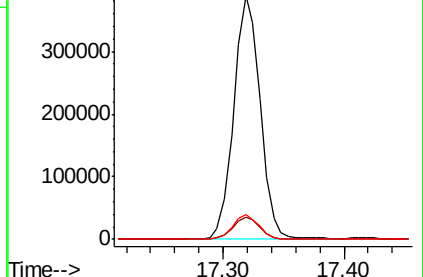
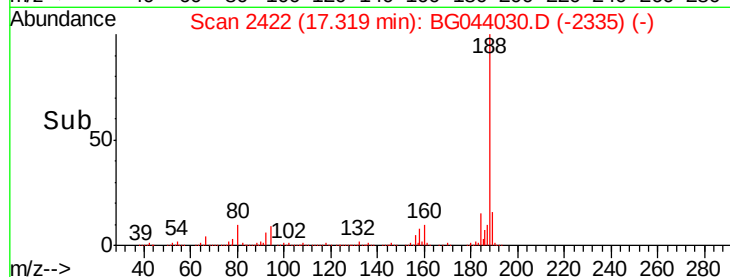
80 10.4 8.2 12.4



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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

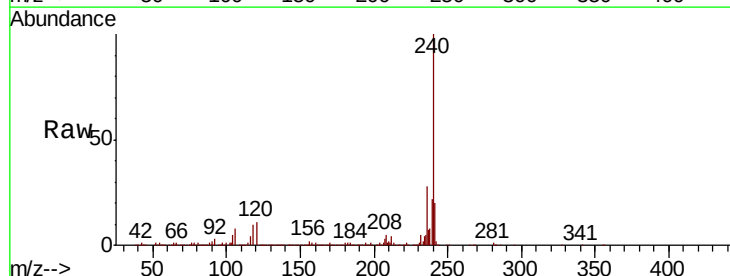
Tgt Ion:240 Resp: 539314

Ion Ratio Lower Upper

240 100

120 10.5 9.6 14.4

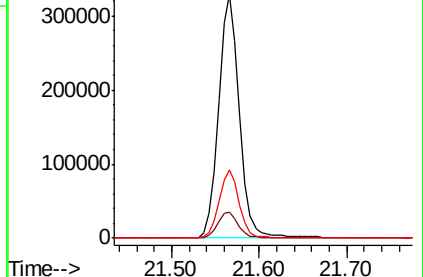
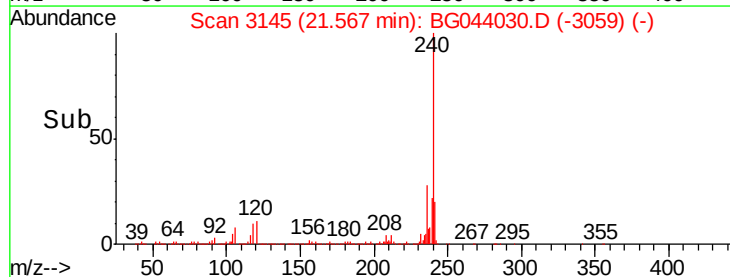
236 28.0 22.2 33.2

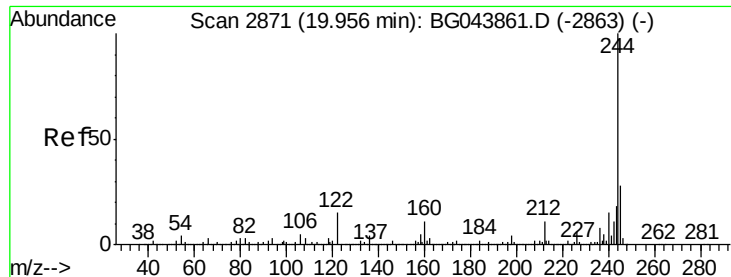


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.084 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

Instrument :

BNA_G

ClientSampleId :

SB-18(3-5)

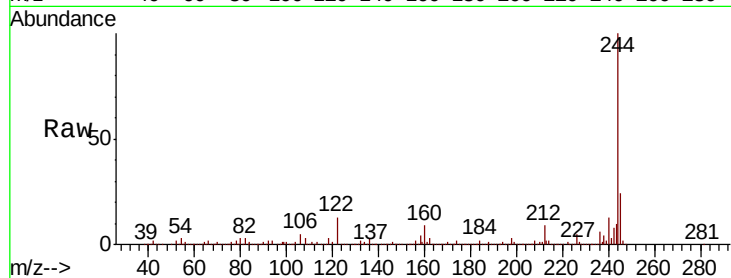
Tot Ion:244 Resp: 1716554

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

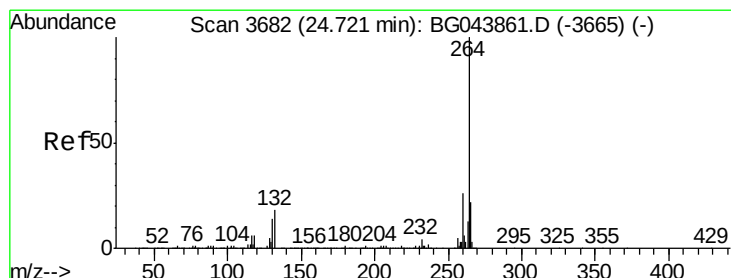
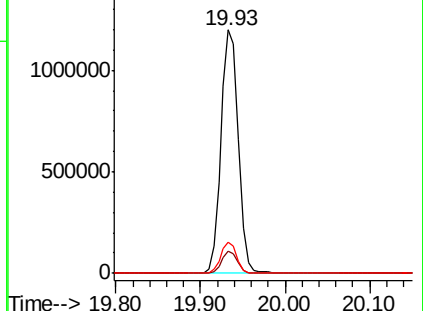
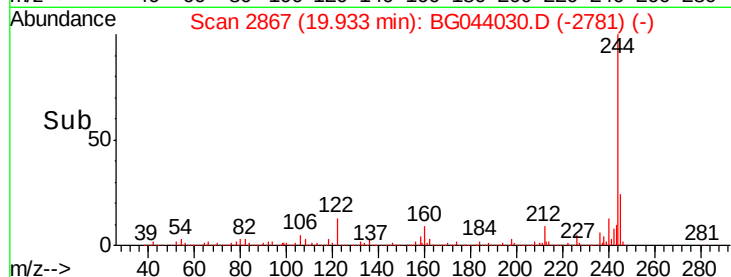
122 12.8 11.9 17.9



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: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044030.D

Acq: 14 Jan 2020 2:53

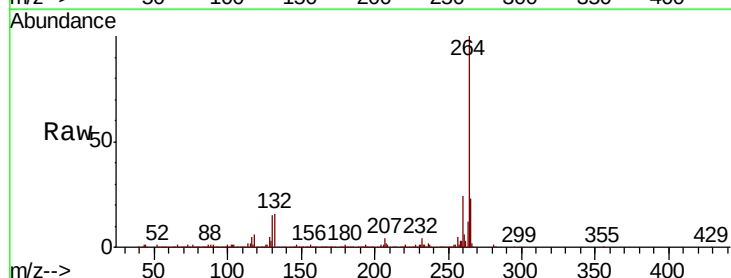
Tgt Ion:264 Resp: 595857

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 23.3 17.4 26.2



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

