

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG090220\
 Data File : BG046506.D
 Acq On : 2 Sep 2020 16:50
 Operator : CG/JU
 Sample : L3854-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1332-FM648

Quant Time: Sep 02 17:25:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

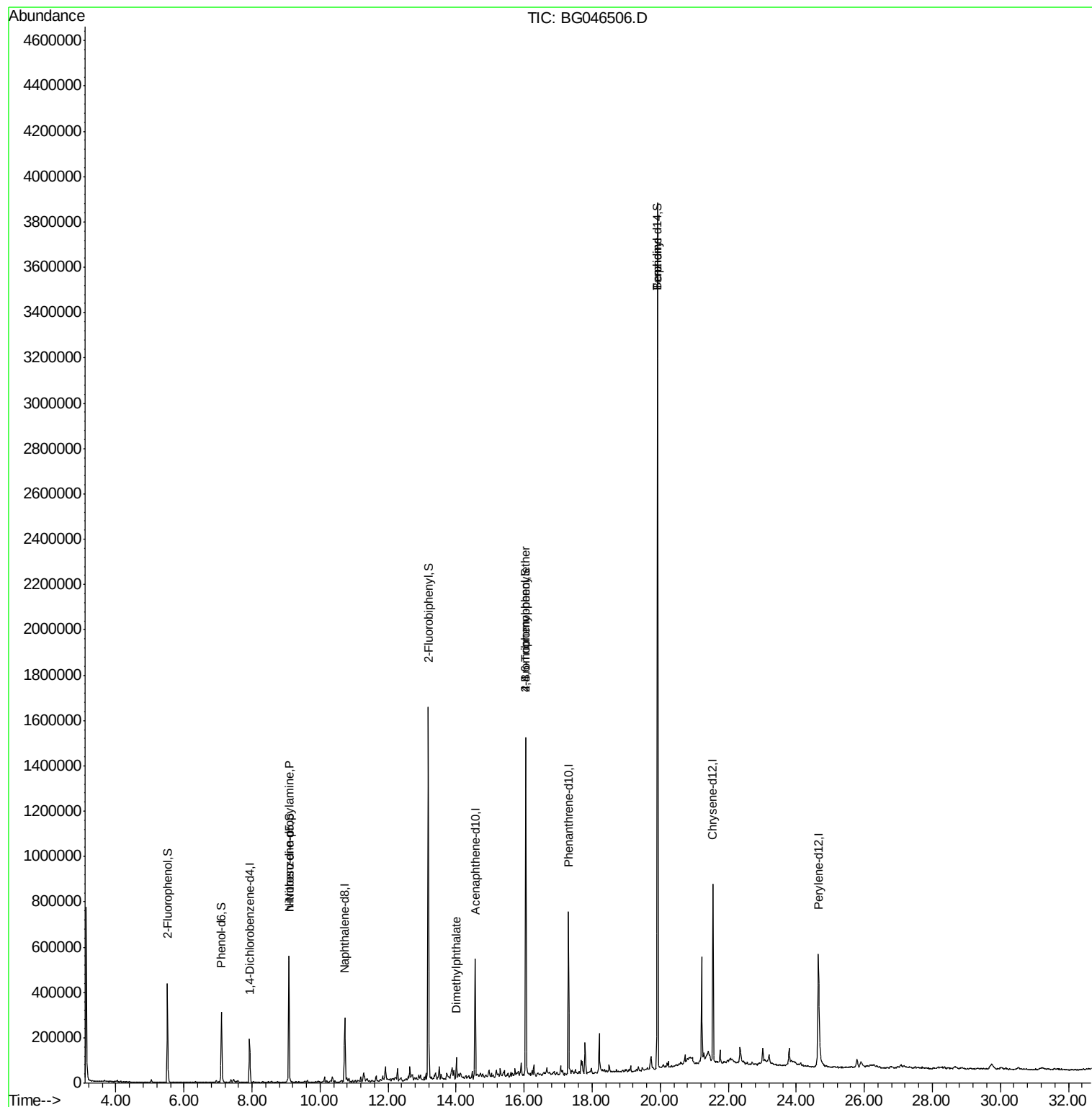
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	59532	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	250546	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	184379	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	483265	20.00	ng	0.00
76) Chrysene-d12	21.55	240	500007	20.00	ng	0.00
86) Perylene-d12	24.65	264	523478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	206477	61.43	ng	0.00
7) Phenol-d6	7.10	99	198169	41.59	ng	0.00
23) Nitrobenzene-d5	9.09	82	352541	80.42	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	296261	118.59	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	921803	76.32	ng	0.00
79) Terphenyl-d14	19.92	244	1688242	71.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.08	70	45808	16.072	ng	Qvalue # 80
50) Dimethylphthalate	14.01	163	66208	4.641	ng	100
67) 4-Bromophenyl-phenylether	16.05	248	23367	4.144	ng	# 1
77) Benzidine	19.92	184	27734	2.387	ng	# 93

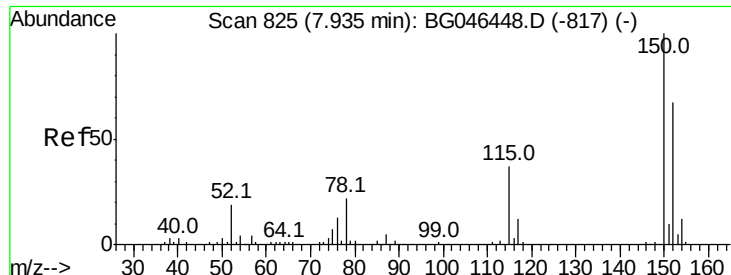
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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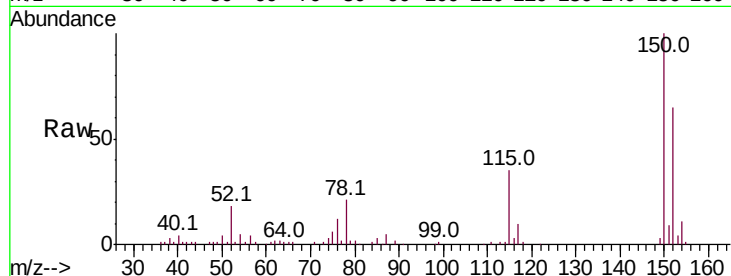


#1

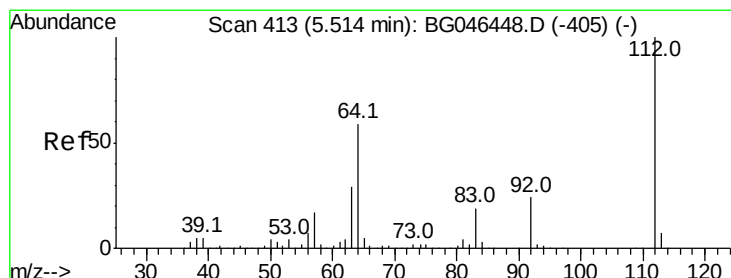
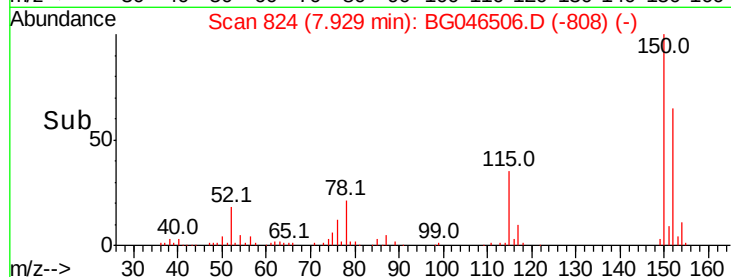
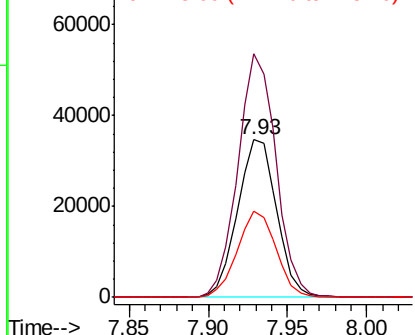
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG046506.D
 Acq: 2 Sep 2020 16:50

Instrument :
 BNA_G
 ClientSampleId :
 1332-FM648

Tot Ion:152 Resp: 59532
 Ion Ratio Lower Upper
 152 100
 150 154.6 119.5 179.3
 115 54.4 44.3 66.5



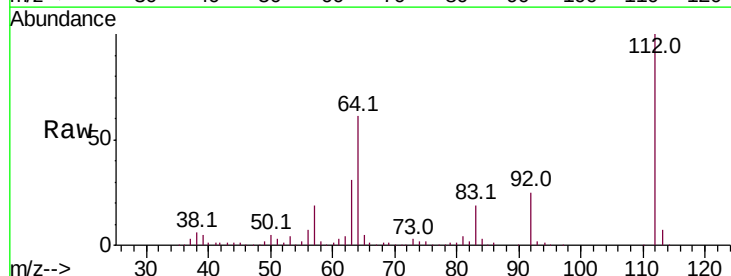
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



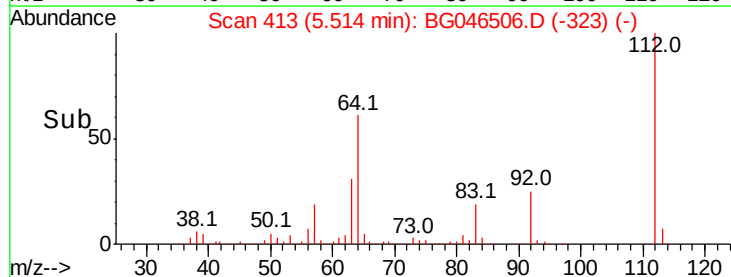
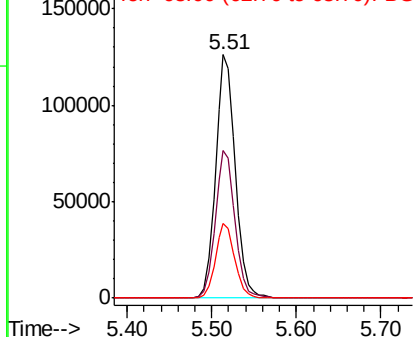
#5

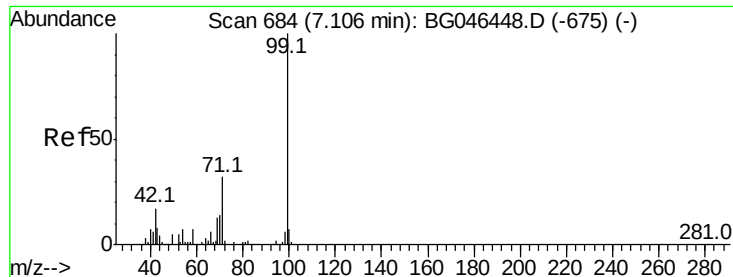
2-Fluorophenol
 Concen: 61.431 ng
 RT: 5.51 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BG046506.D
 Acq: 2 Sep 2020 16:50

Tgt Ion:112 Resp: 206477
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.0 70.6
 63 30.5 23.5 35.3



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: 41.590 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

1332-FM648

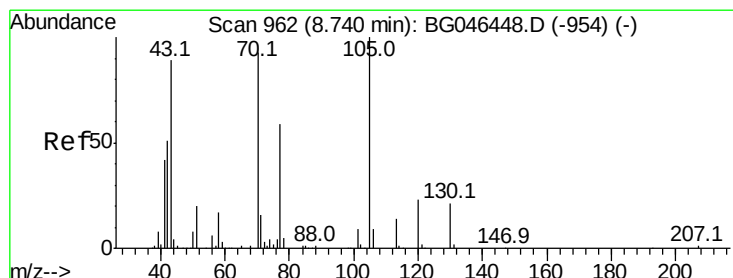
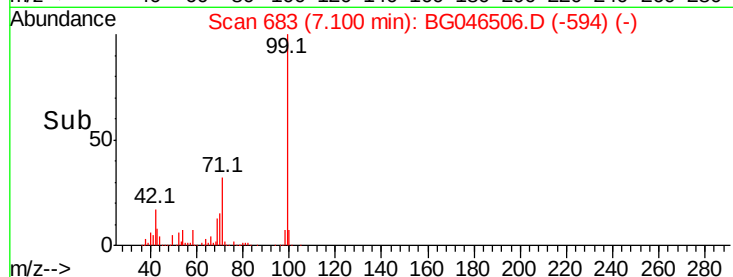
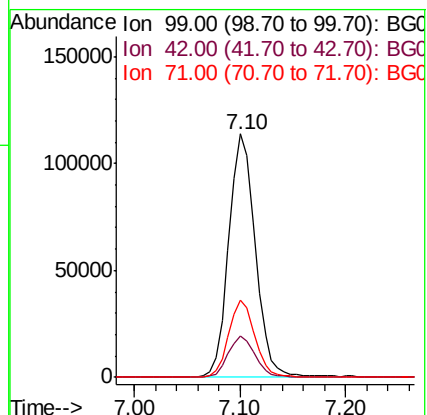
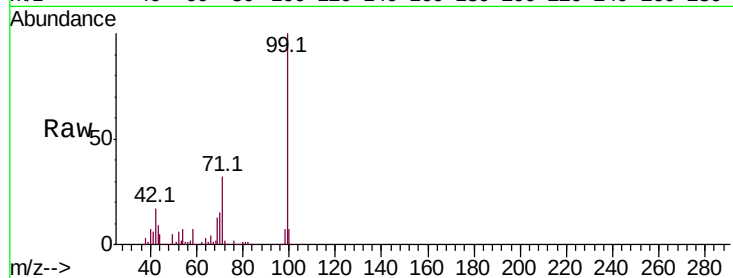
Tot Ion: 99 Resp: 198169

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 31.6 25.3 37.9



#19

n-Nitroso-di-n-propylamine

Concen: 16.072 ng

RT: 9.08 min Scan# 1020

Delta R.T. 0.35 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Tgt Ion: 70 Resp: 45808

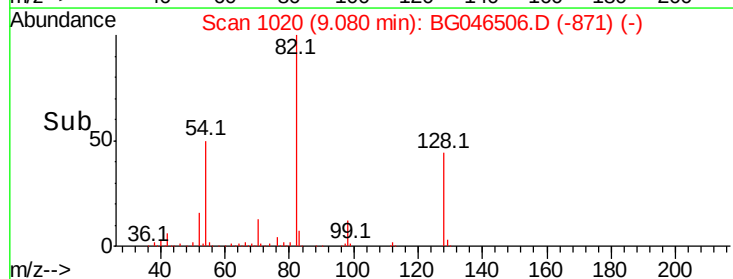
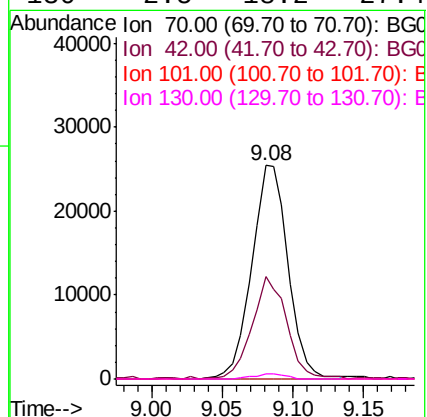
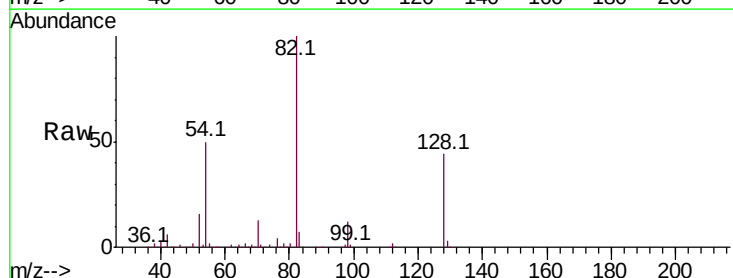
Ion Ratio Lower Upper

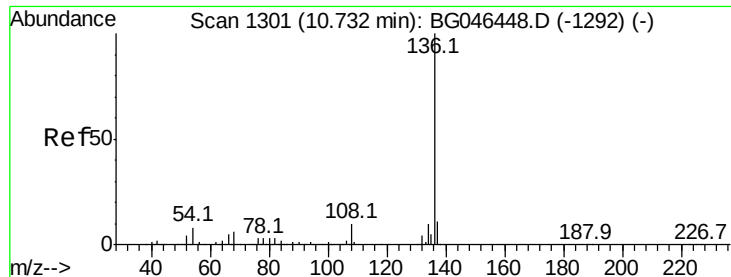
70 100

42 48.0 44.2 66.2

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

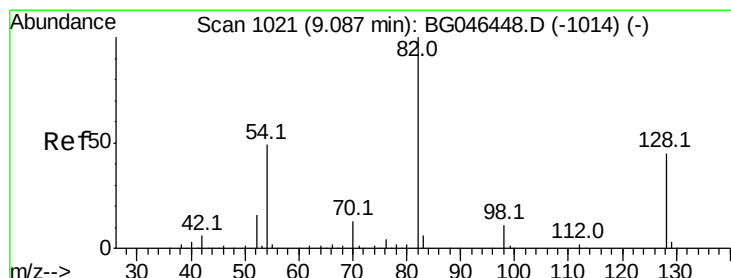
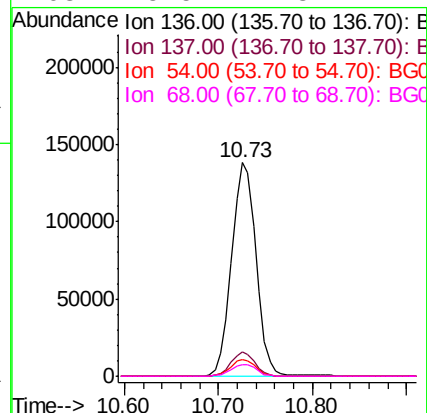
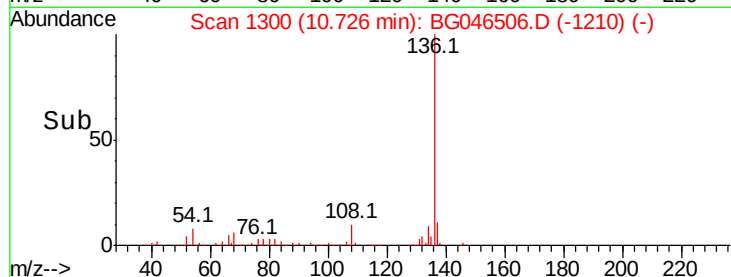
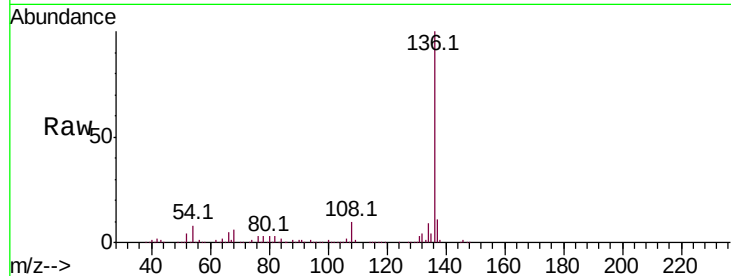




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

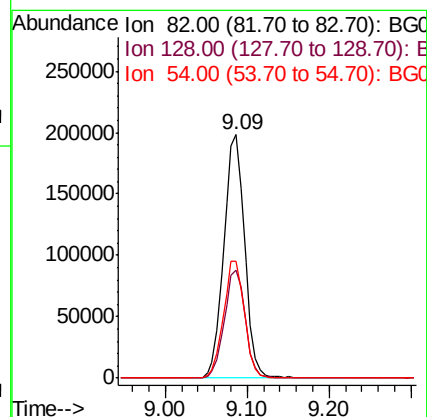
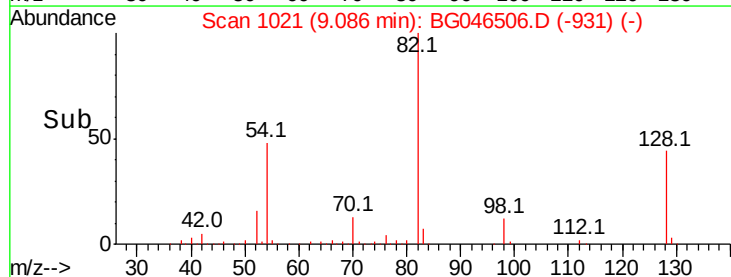
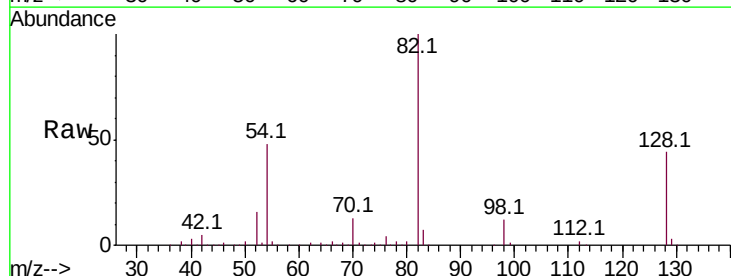
Instrument :
BNA_G
ClientSampleId :
1332-FM648

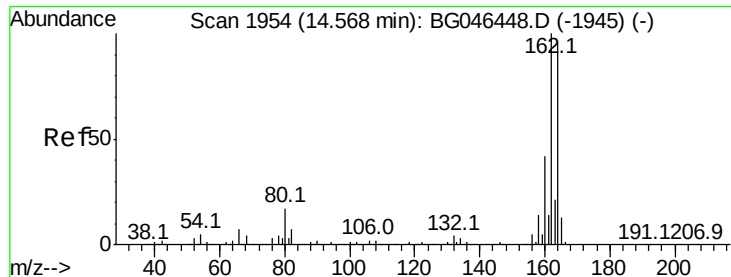
Tot Ion:136	Resp:	250546
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 8.0	6.1	9.1
68 5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 80.422 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

Tgt	Ion: 82	Resp:	352541
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	48.3	39.4	59.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

1332-FM648

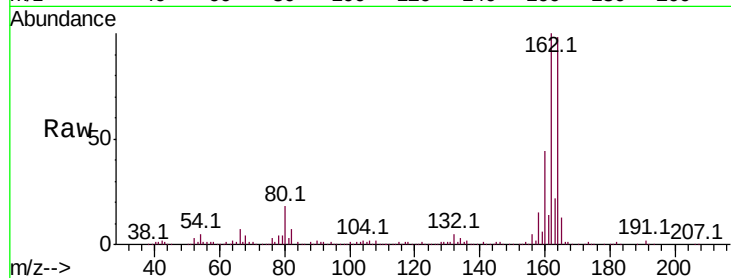
Tot Ion:164 Resp: 184379

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

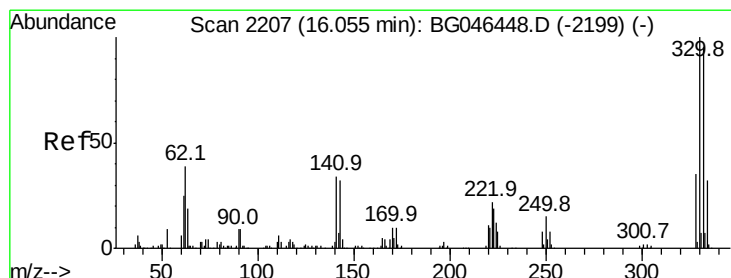
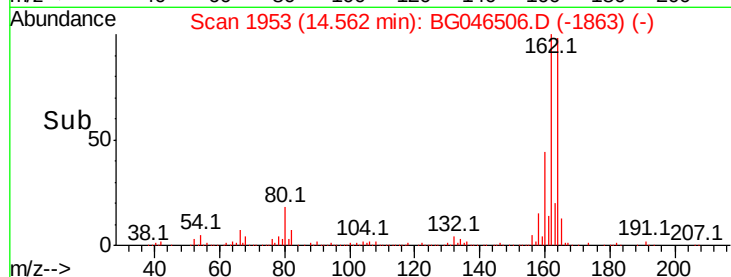
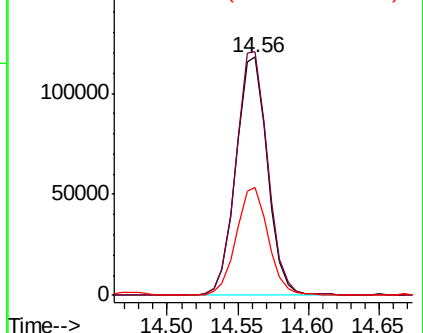
160 45.5 35.0 52.6



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: 118.589 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

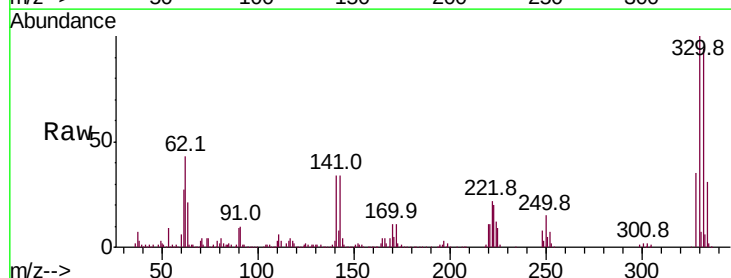
Tgt Ion:330 Resp: 296261

Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

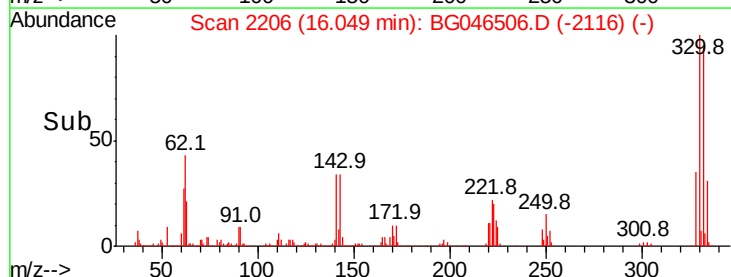
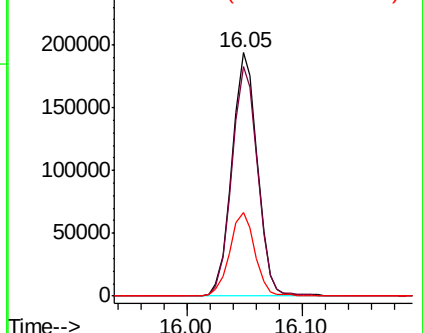
141 33.7 26.1 39.1

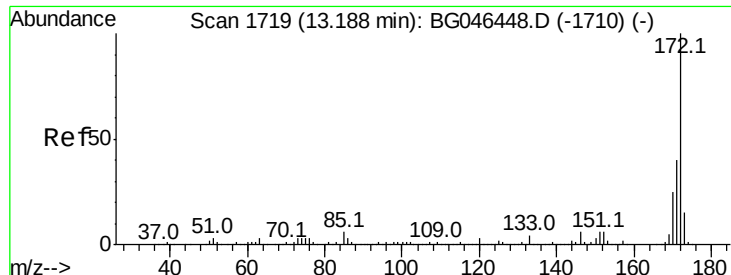


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

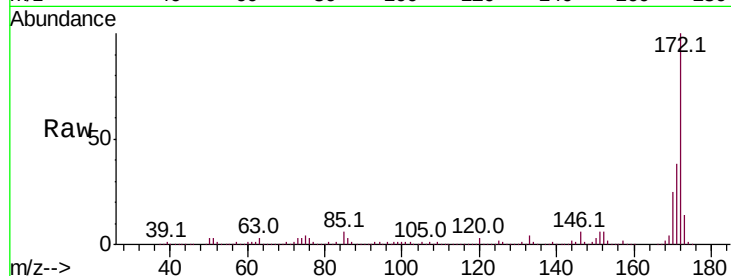




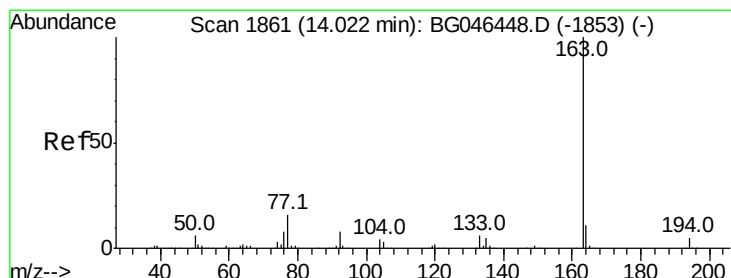
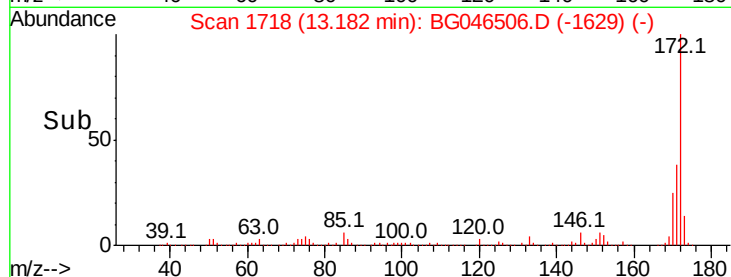
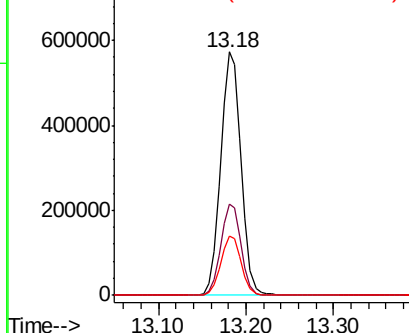
#45
2-Fluorobiphenyl
Concen: 76.320 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
1332-FM648

Tot Ion:172 Resp: 921803
Ion Ratio Lower Upper
172 100
171 37.6 31.8 47.6
170 24.6 20.3 30.5

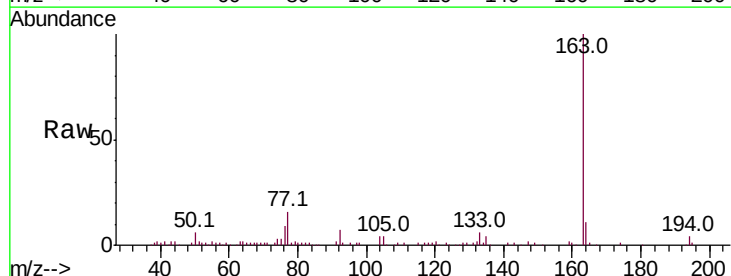


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

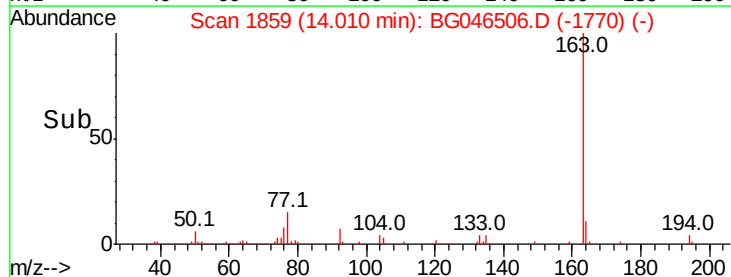
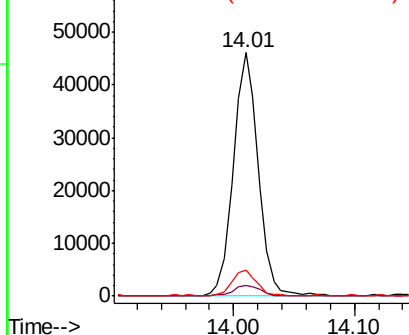


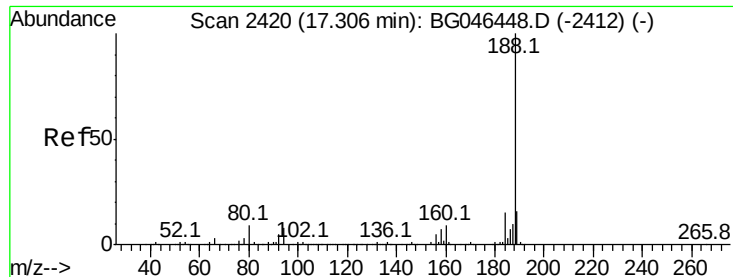
#50
Dimethylphthalate
Concen: 4.641 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

Tgt Ion:163 Resp: 66208
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.7 8.6 12.8



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: 17.31 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

1332-FM648

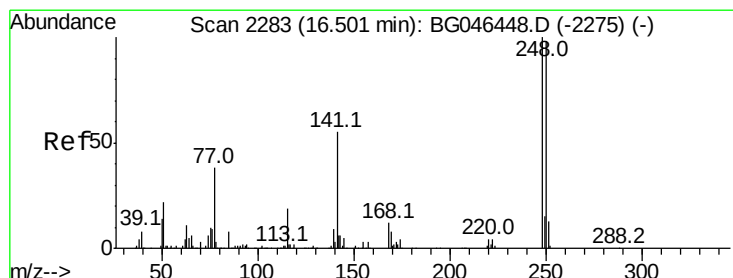
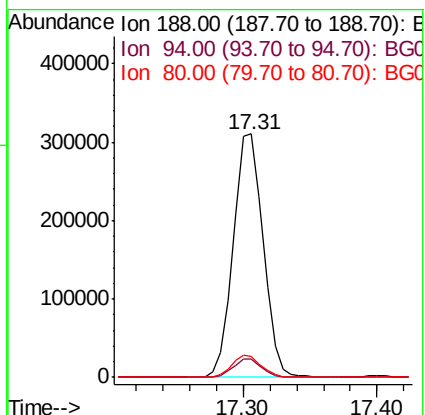
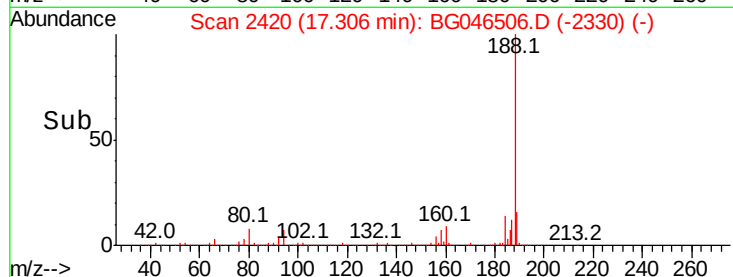
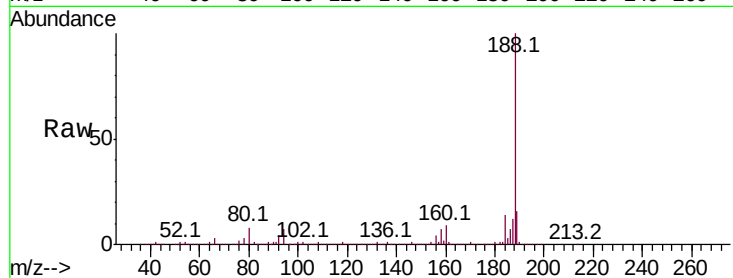
Tot Ion:188 Resp: 483265

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.5 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.144 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.45 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

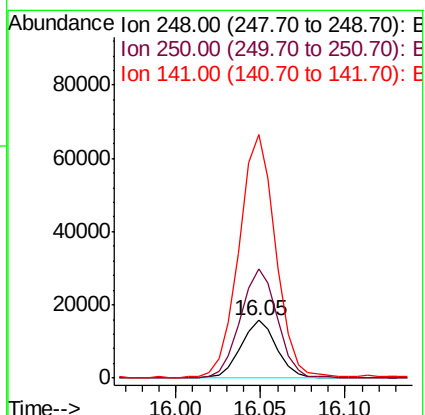
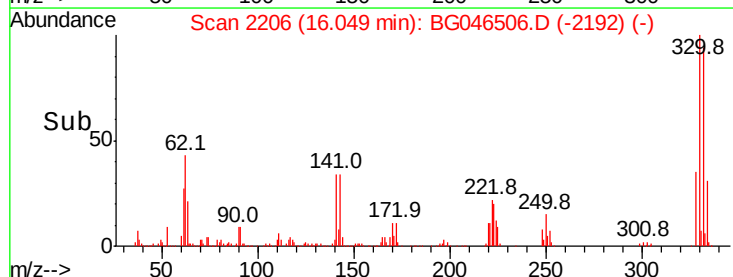
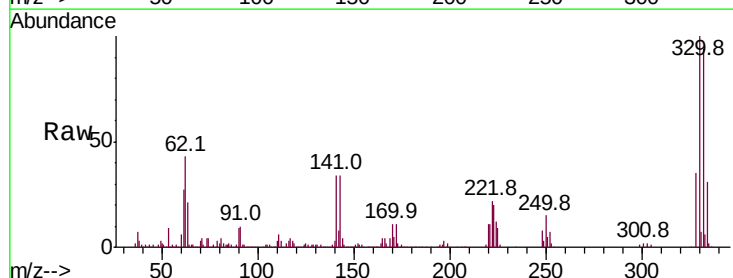
Tgt Ion:248 Resp: 23367

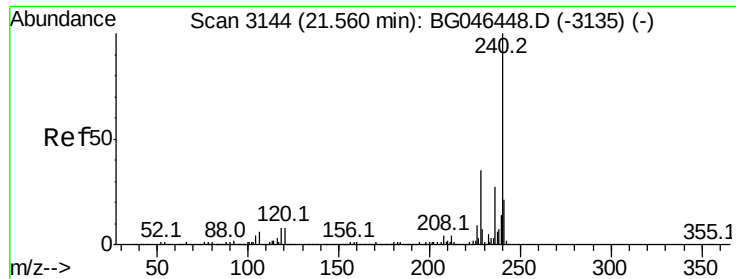
Ion Ratio Lower Upper

248 100

250 189.1 78.6 118.0#

141 423.4 43.9 65.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

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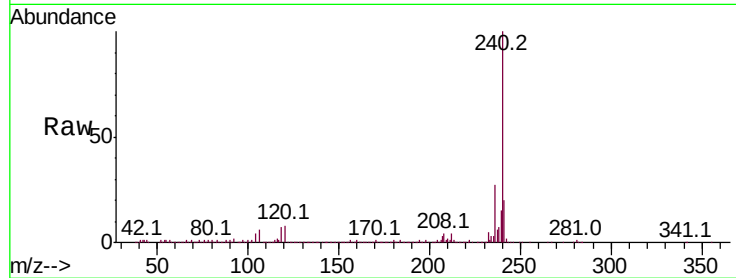
Tot Ion:240 Resp: 500007

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

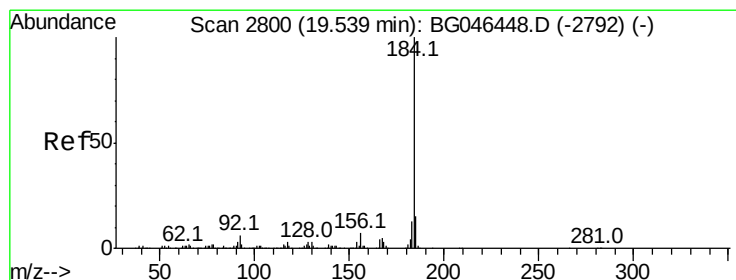
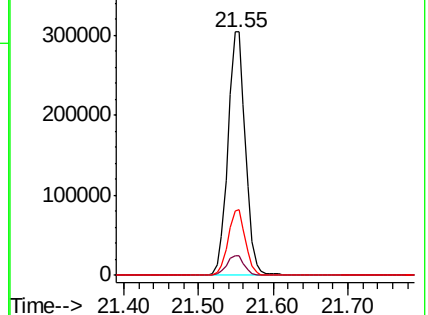
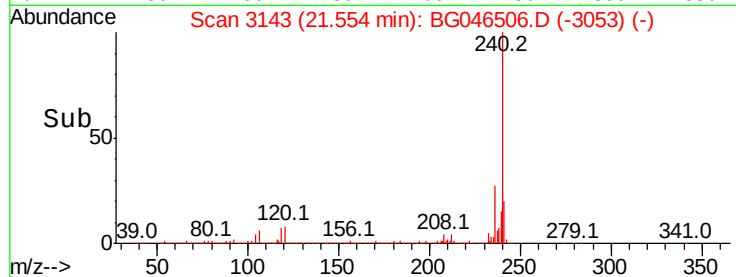
236 26.9 21.4 32.2



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



#77

Benzidine

Concen: 2.387 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.39 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

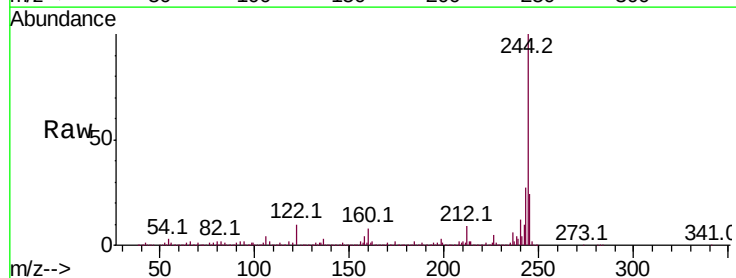
Tgt Ion:184 Resp: 27734

Ion Ratio Lower Upper

184 100

185 19.7 11.8 17.8#

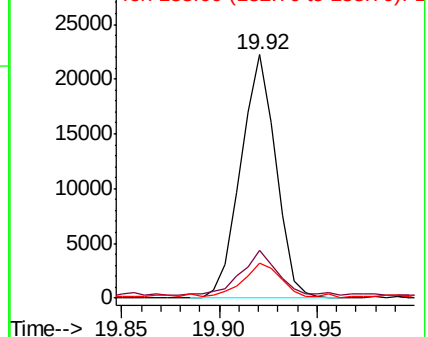
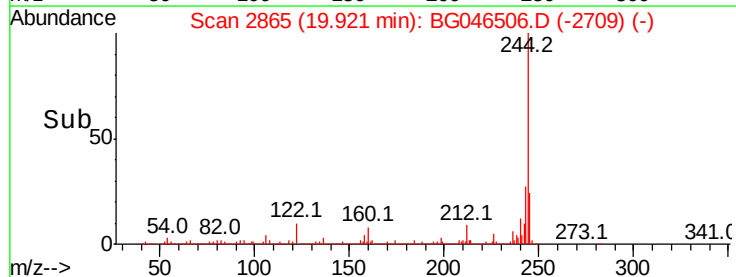
183 14.3 10.7 16.1

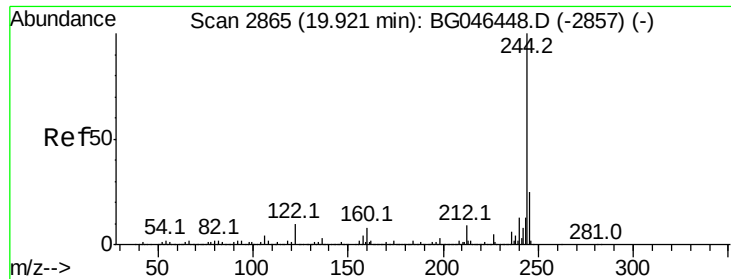


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 71.857 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

1332-FM648

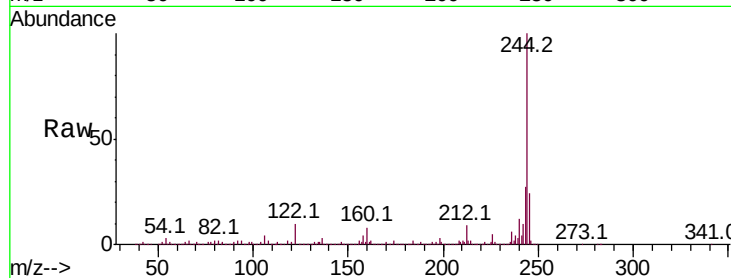
Tot Ion:244 Resp: 1688242

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

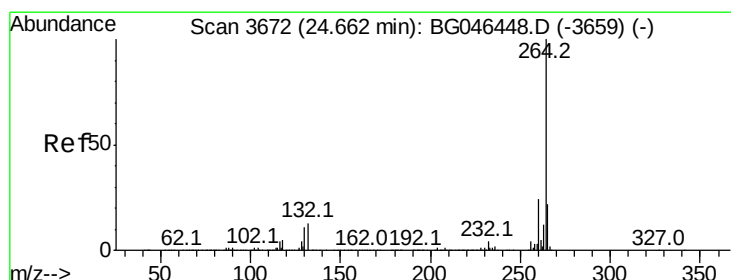
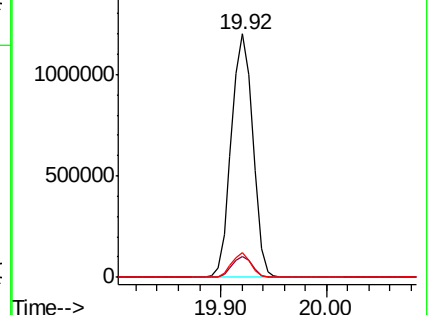
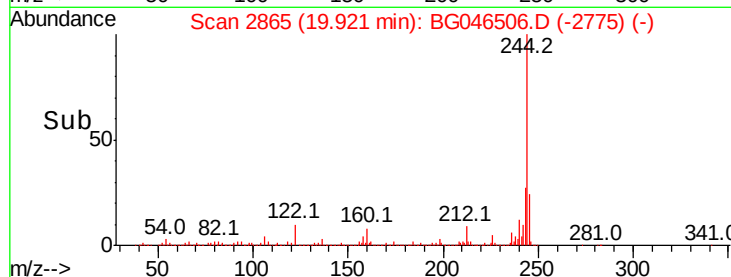
122 10.0 8.2 12.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

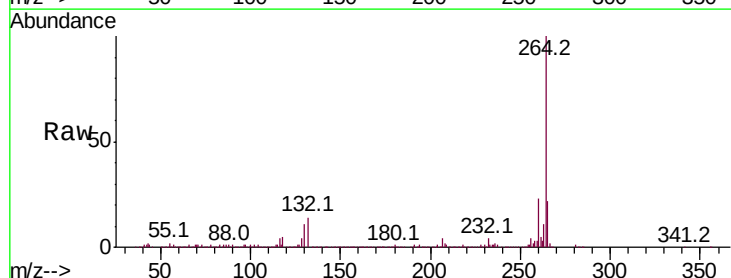
Tgt Ion:264 Resp: 523478

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.7 17.9 26.9



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

