

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 17:26:22 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

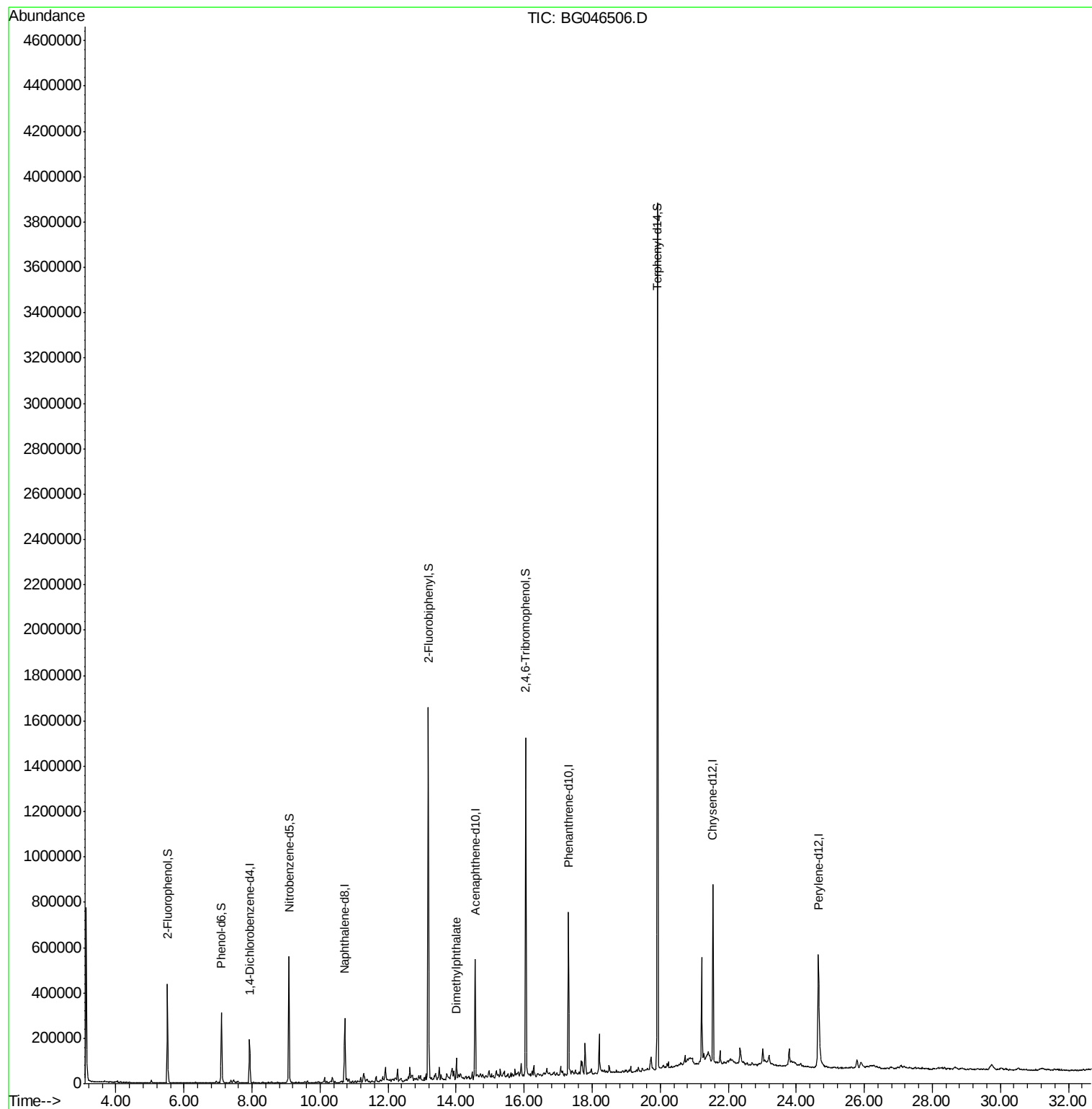
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	59532	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	250546	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	184379	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	483265	20.00	ng	0.00
76) Chrysene-d12	21.55	240	500007	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						
50) Dimethylphthalate	14.01	163	66208	4.641	ng	Qvalue 100

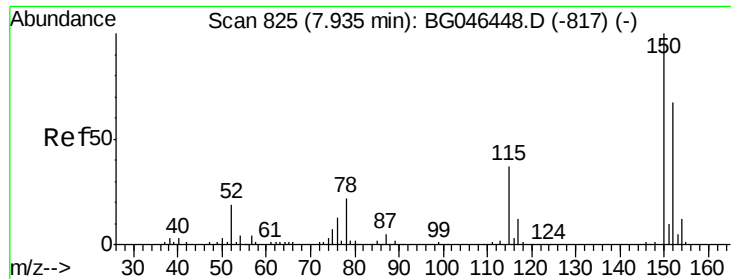
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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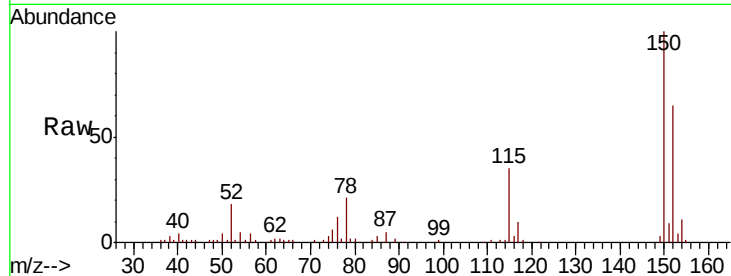


#1

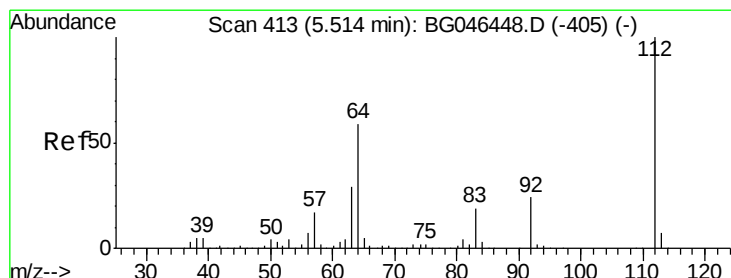
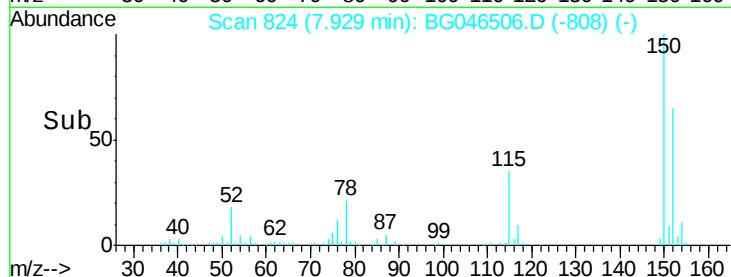
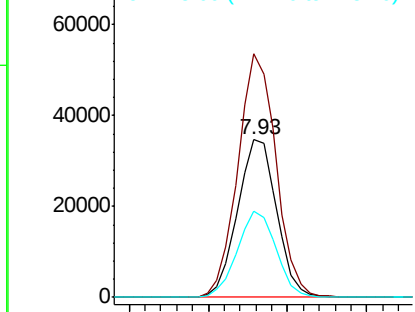
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
1332-FM648

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



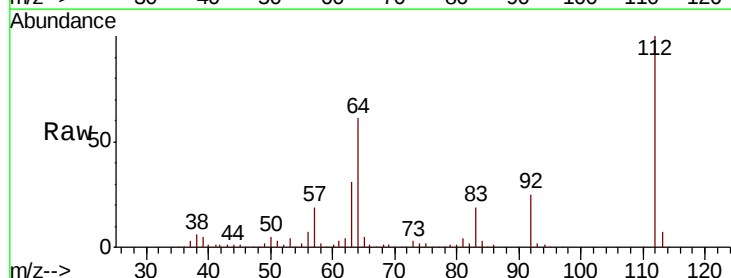
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



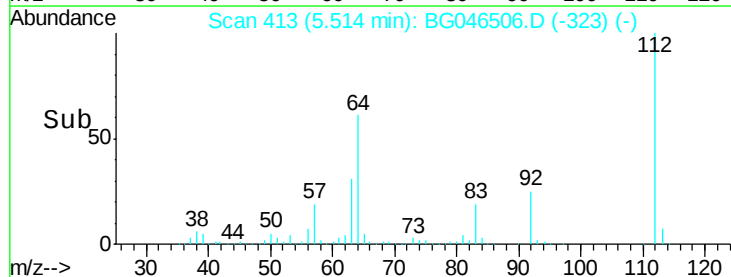
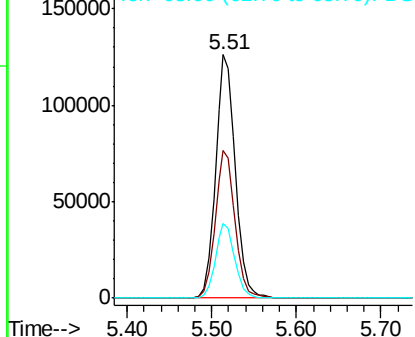
#5

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	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#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

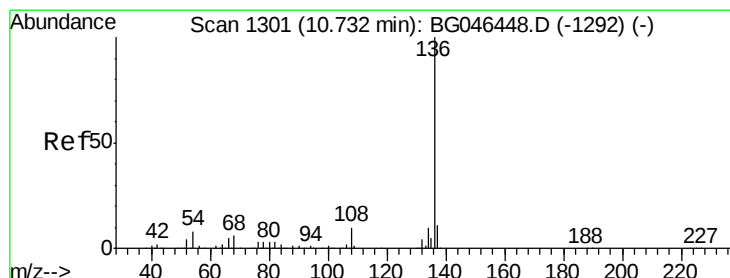
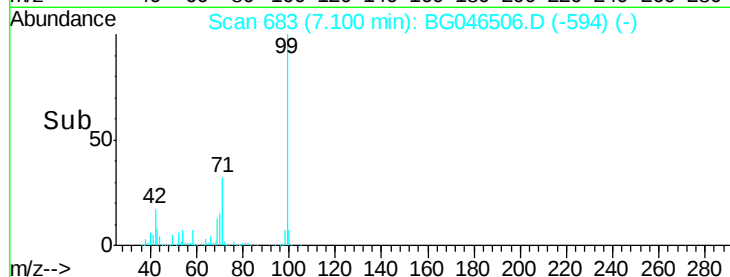
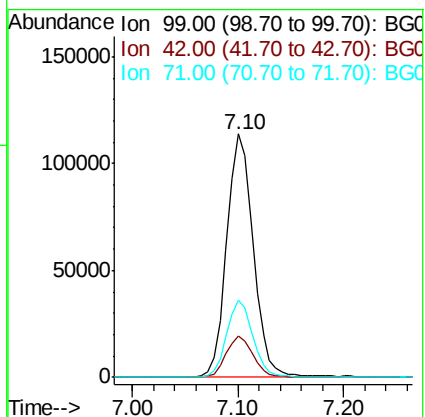
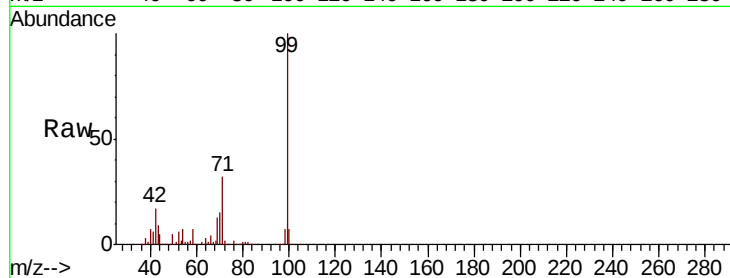
Tot Ion: 99 Resp: 198169

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 31.6 25.3 37.9



#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

Tgt Ion: 136 Resp: 250546

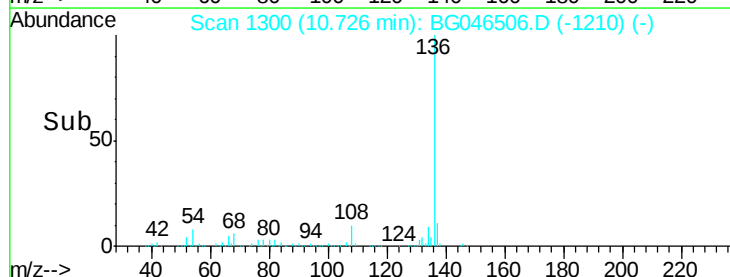
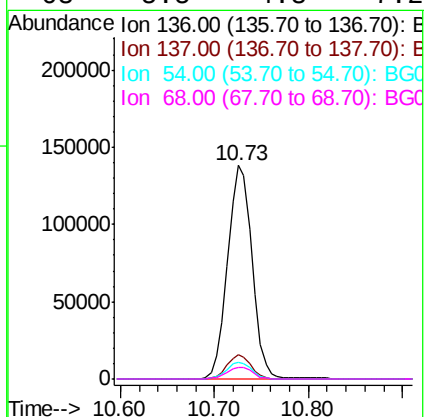
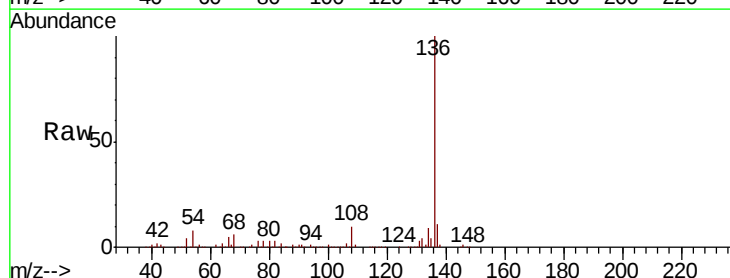
Ion Ratio Lower Upper

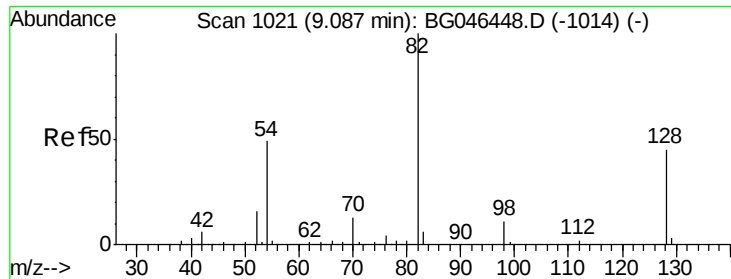
136 100

137 11.3 8.8 13.2

54 8.0 6.1 9.1

68 5.5 4.8 7.2

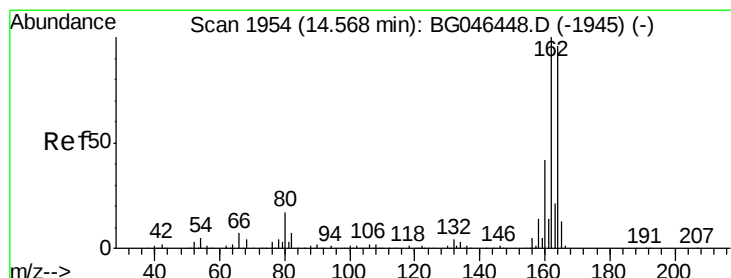
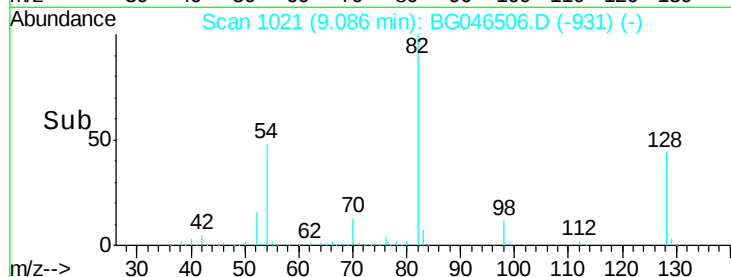
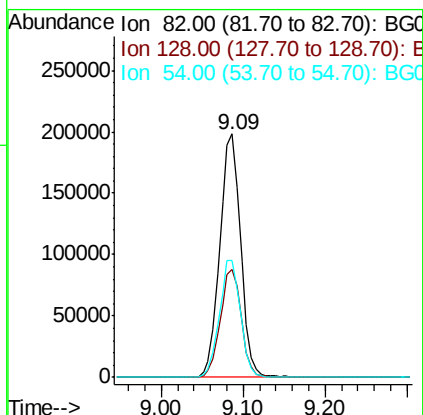
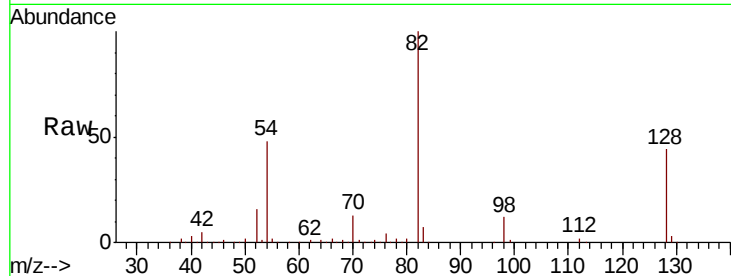




#23
 Nitrobenzene-d5
 Concen: 80.422 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG046506.D
 Acq: 2 Sep 2020 16:50

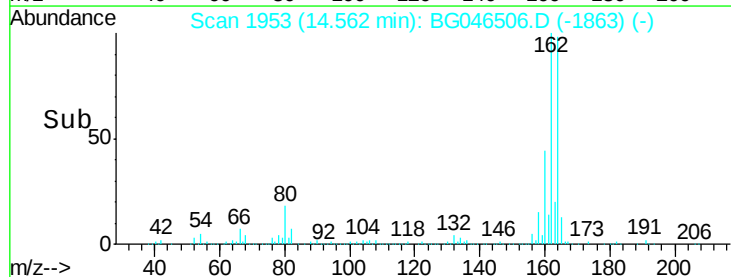
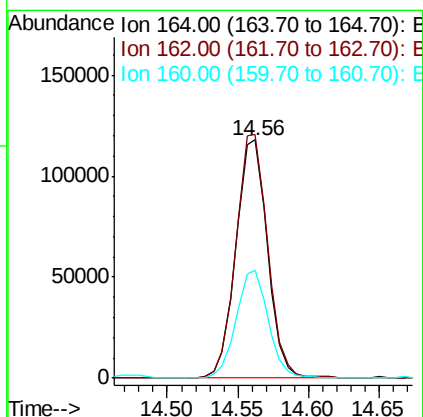
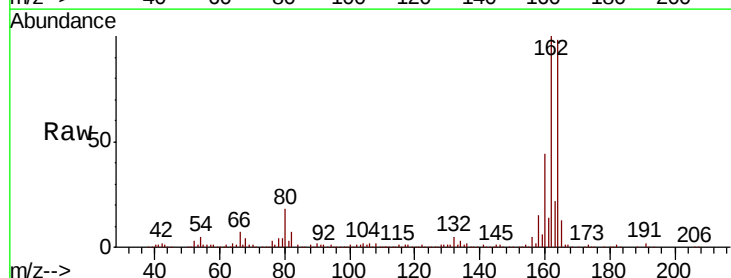
Instrument :
 BNA_G
 ClientSampled :
 1332-FM648

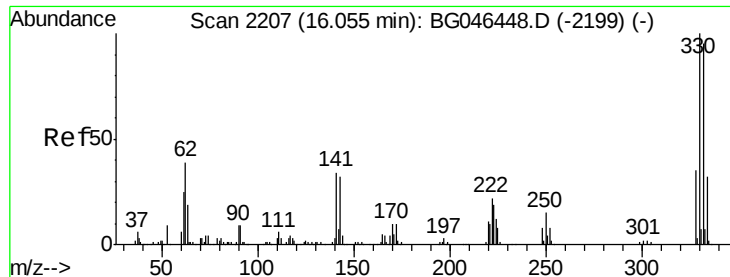
Tot Ion: 82 Resp: 352541
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.7 53.5
 54 48.3 39.4 59.0



#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

Tgt Ion: 164 Resp: 184379
 Ion Ratio Lower Upper
 164 100
 162 102.3 83.3 124.9
 160 45.5 35.0 52.6





#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

Instrument :

BNA_G

ClientSampleId :

1332-FM648

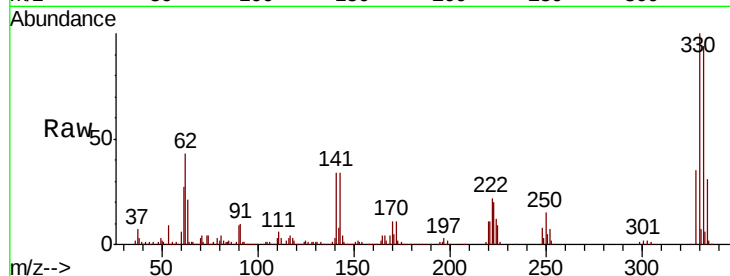
Tot Ion:330 Resp: 296261

Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

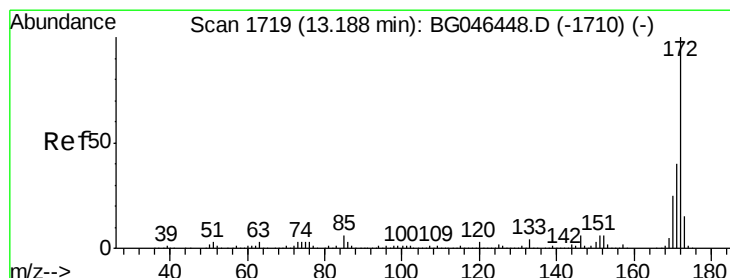
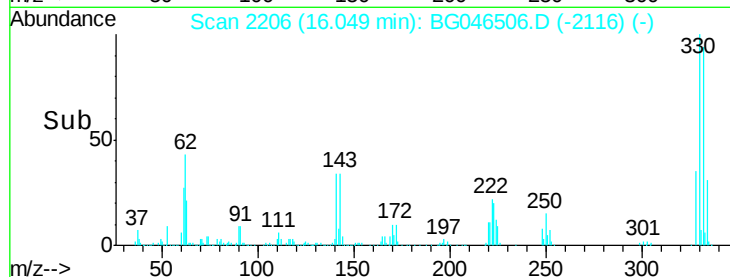
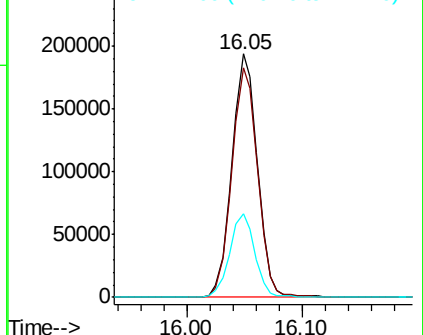
141 33.7 26.1 39.1



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

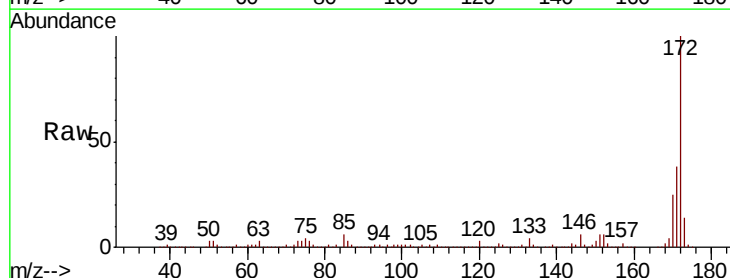
Tgt Ion:172 Resp: 921803

Ion Ratio Lower Upper

172 100

171 37.6 31.8 47.6

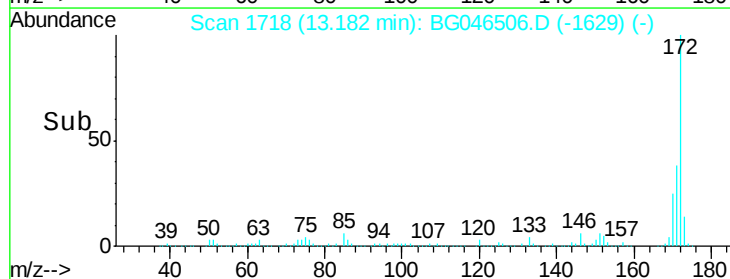
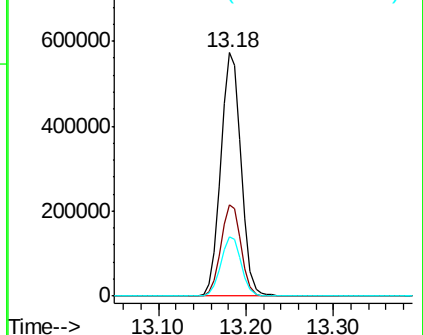
170 24.6 20.3 30.5

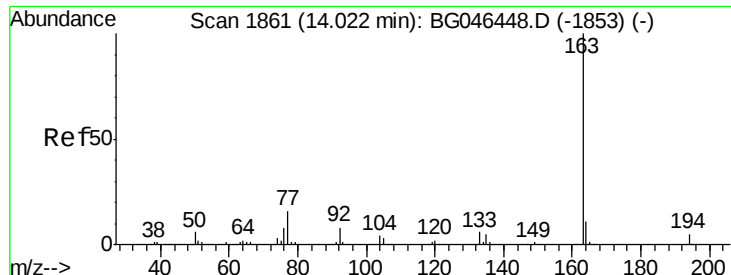


Abundance Ion 172.00 (171.70 to 172.70): E

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

Instrument :

BNA_G

ClientSampleId :

1332-FM648

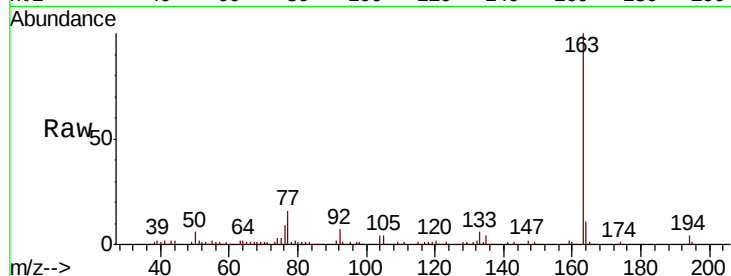
Tot Ion:163 Resp: 66208

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

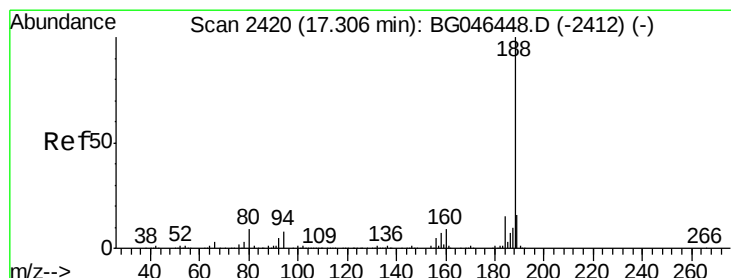
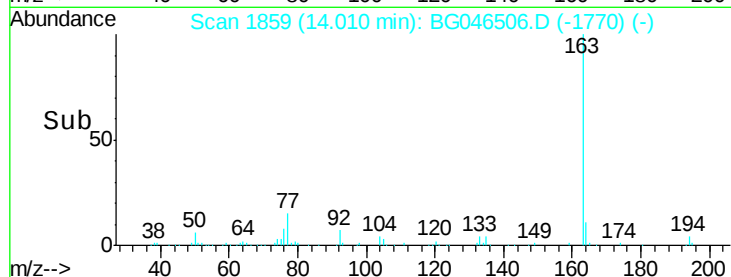
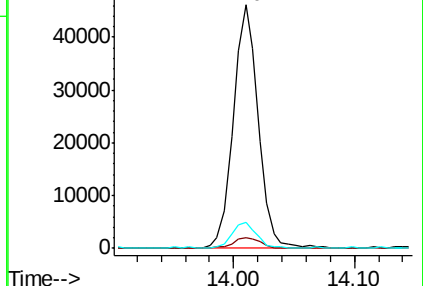
164 10.7 8.6 12.8



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

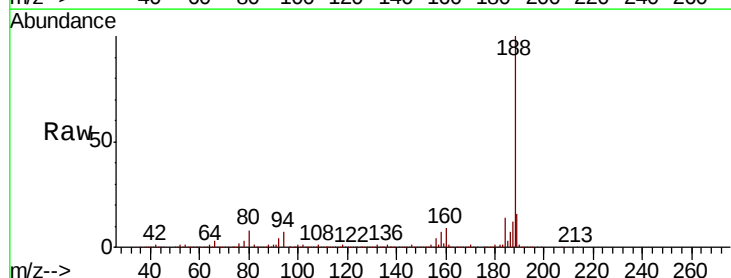
Tgt Ion:188 Resp: 483265

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

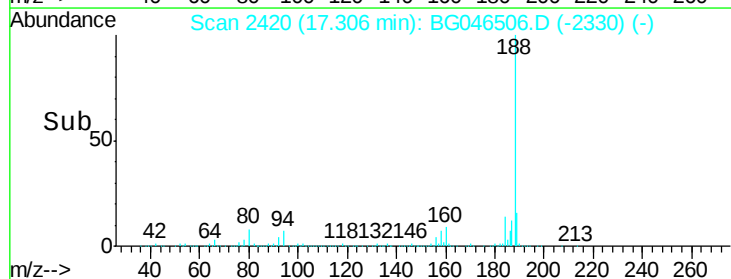
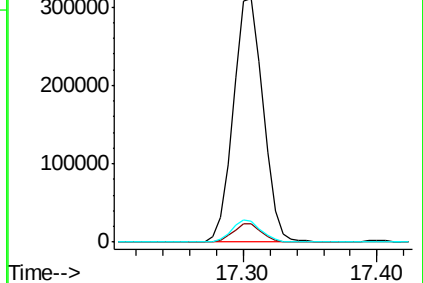
80 8.5 6.9 10.3

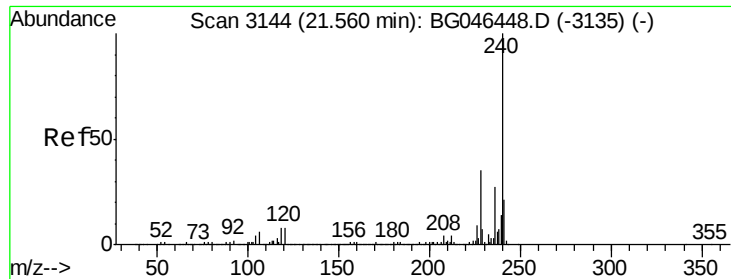


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046506.D

Acq: 2 Sep 2020 16:50

Instrument :

BNA_G

ClientSampleId :

1332-FM648

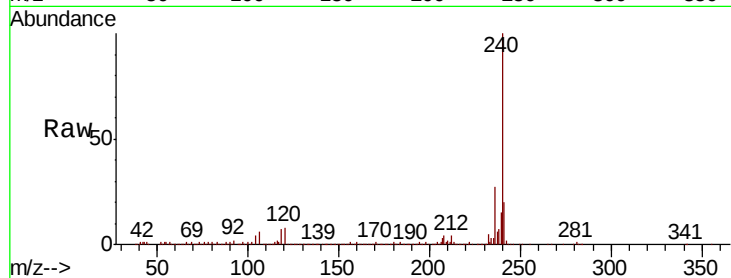
Tot Ion:240 Resp: 500007

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

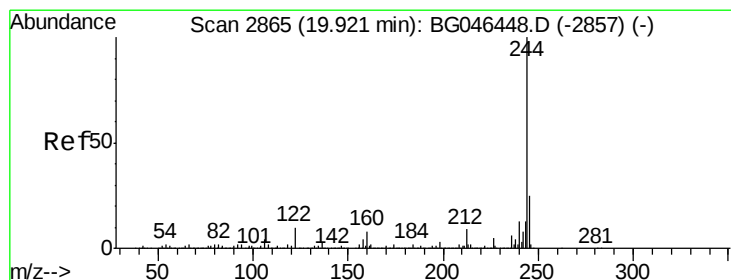
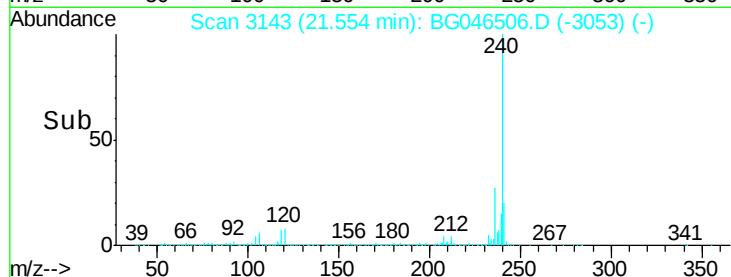
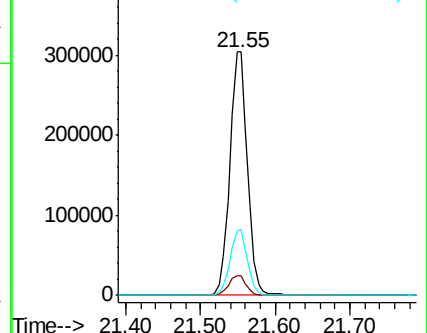
236 26.9 21.4 32.2



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



#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

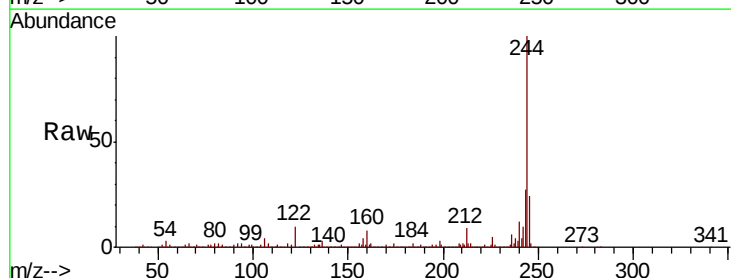
Tgt Ion:244 Resp: 1688242

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

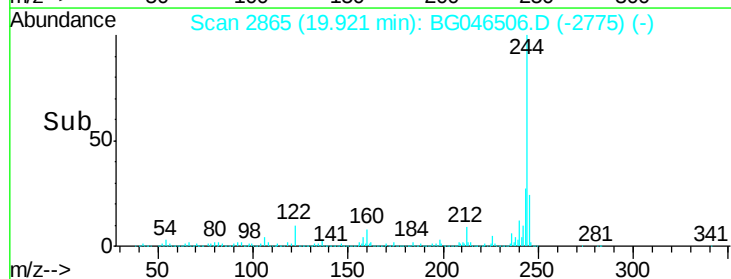
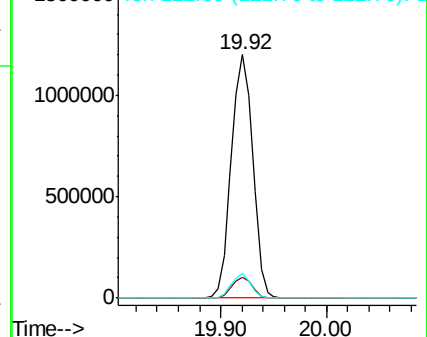
122 10.0 8.2 12.4

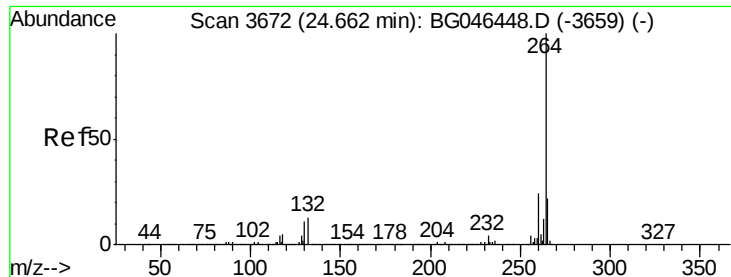


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

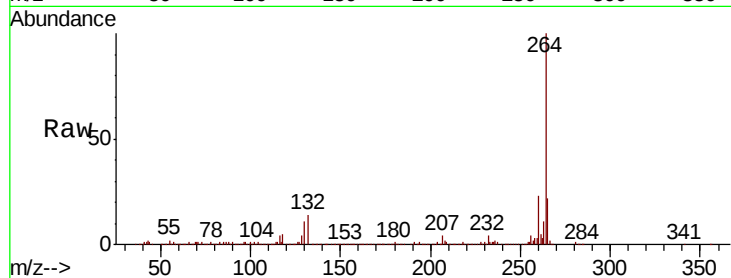




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG046506.D
Acq: 2 Sep 2020 16:50

Instrument :
BNA_G
ClientSampleId :
1332-FM648

Tot 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

