

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046526.D
 Acq On : 3 Sep 2020 21:31
 Operator : CG/JU
 Sample : L3877-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 04 02:19:33 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

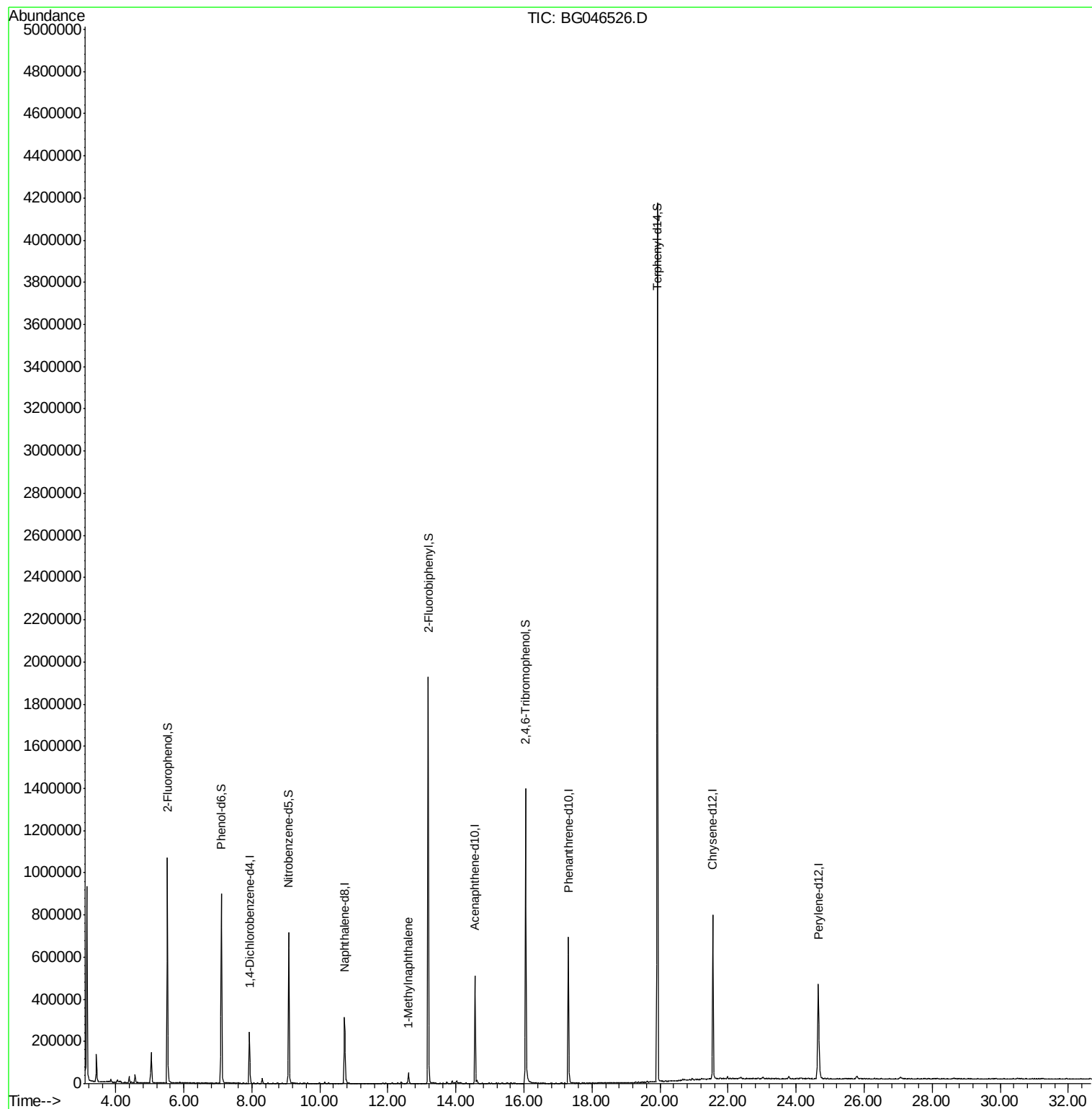
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77375	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	302809	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	193134	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	472386	20.00	ng	0.00
76) Chrysene-d12	21.55	240	519576	20.00	ng	0.00
86) Perylene-d12	24.65	264	500310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	484941	111.01	ng	0.00
7) Phenol-d6	7.10	99	567217	91.59	ng	0.00
23) Nitrobenzene-d5	9.08	82	458186	86.48	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	303084	115.82	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1101676	87.08	ng	0.00
79) Terphenyl-d14	19.92	244	1861817	76.26	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.60	142	27925	2.528	ng	Qvalue 100

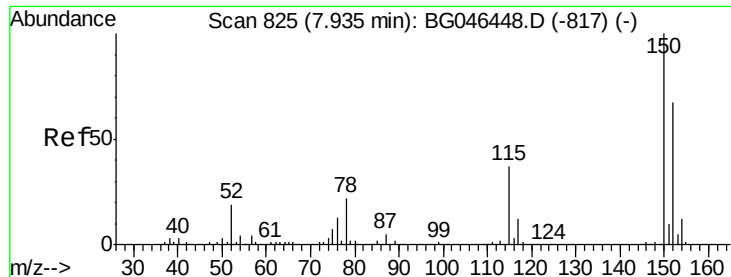
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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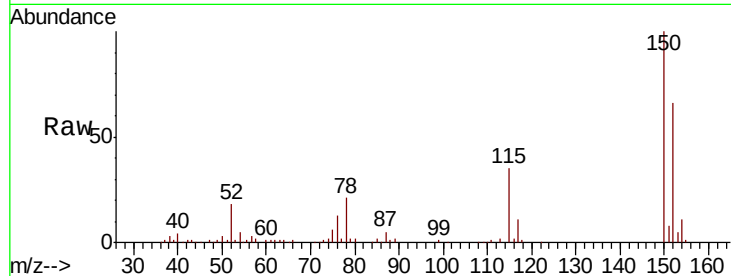


#1

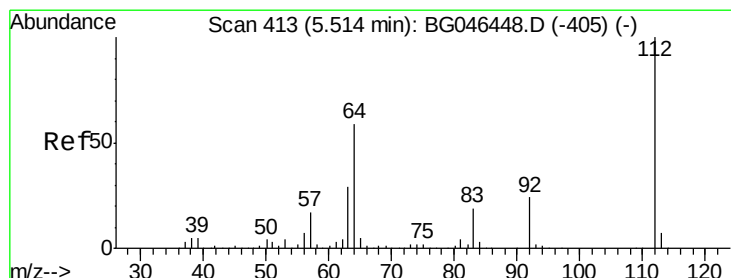
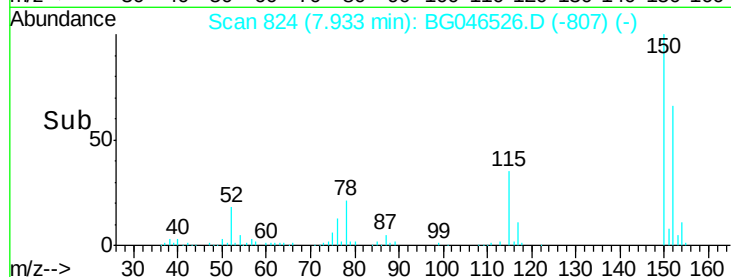
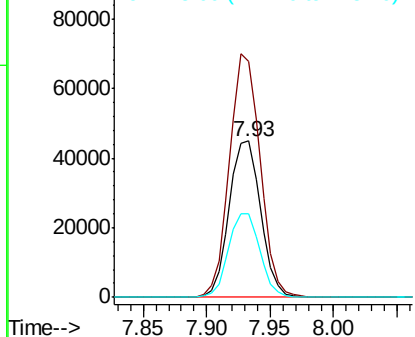
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion:152 Resp: 77375
Ion Ratio Lower Upper
152 100
150 150.9 119.5 179.3
115 53.4 44.3 66.5



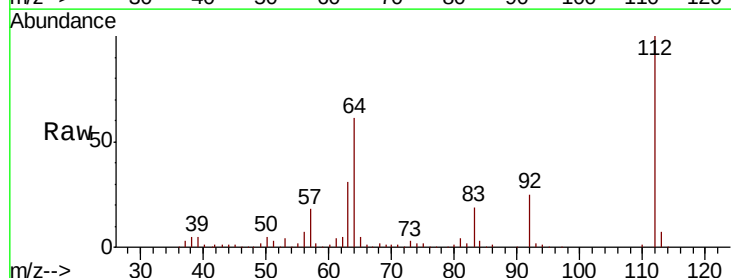
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



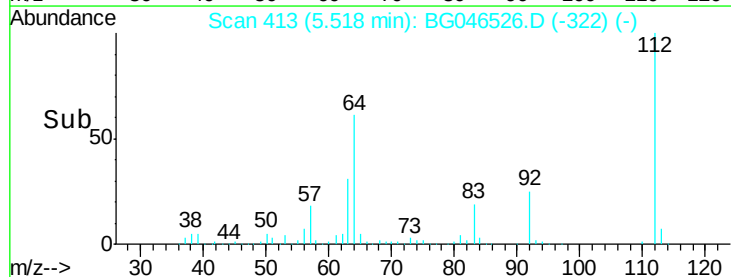
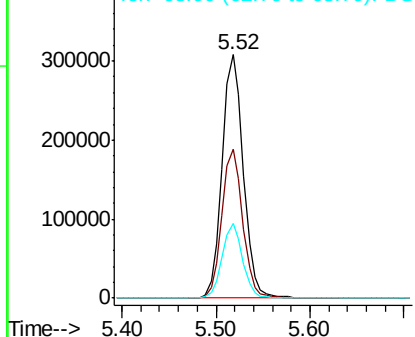
#5

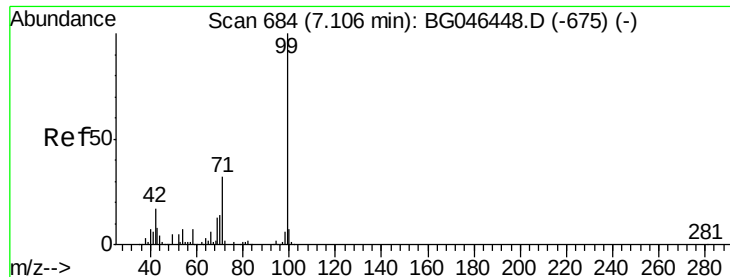
2-Fluorophenol
Concen: 111.007 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

Tgt Ion:112 Resp: 484941
Ion Ratio Lower Upper
112 100
64 61.0 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: 91.592 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046526.D

Acq: 3 Sep 2020 21:31

Instrument :

BNA_G

ClientSampleId :

TP-2

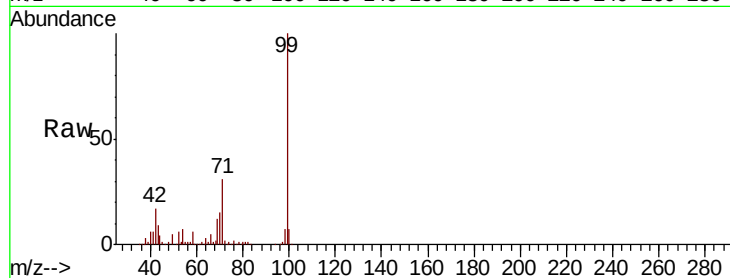
Tot Ion: 99 Resp: 567217

Ion Ratio Lower Upper

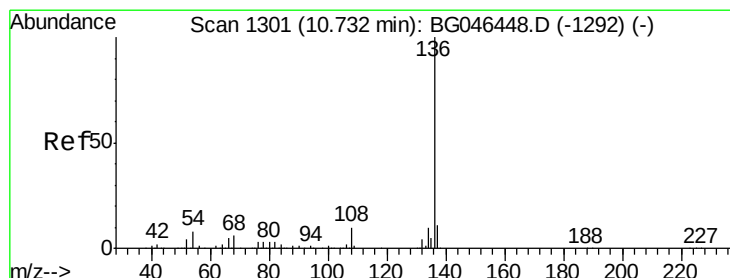
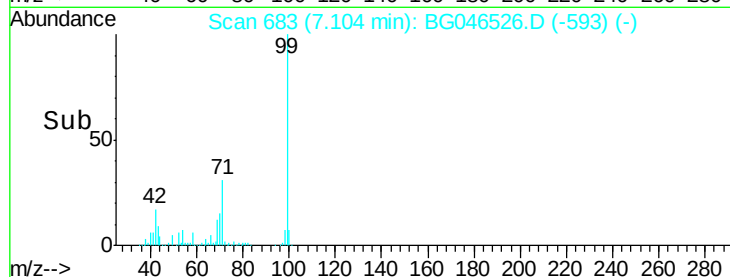
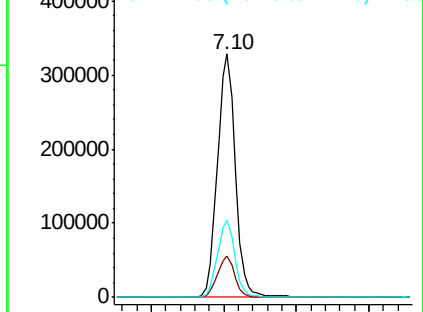
99 100

42 17.0 13.3 19.9

71 31.5 25.3 37.9



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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046526.D

Acq: 3 Sep 2020 21:31

Tgt Ion: 136 Resp: 302809

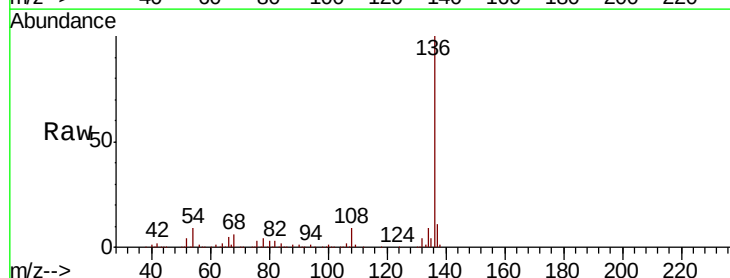
Ion Ratio Lower Upper

136 100

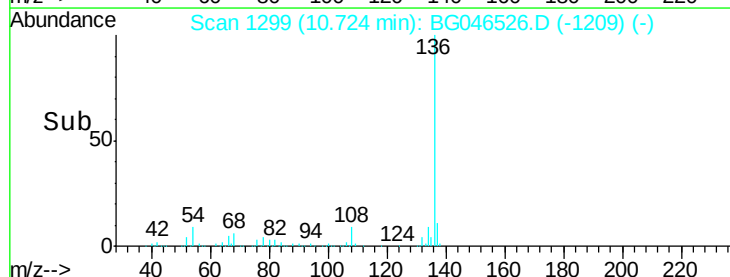
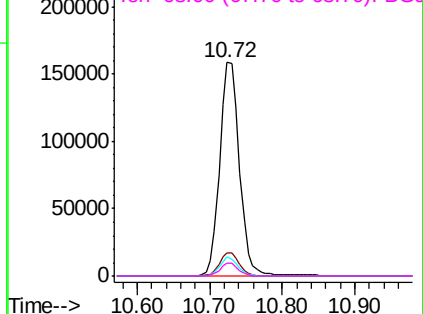
137 10.9 8.8 13.2

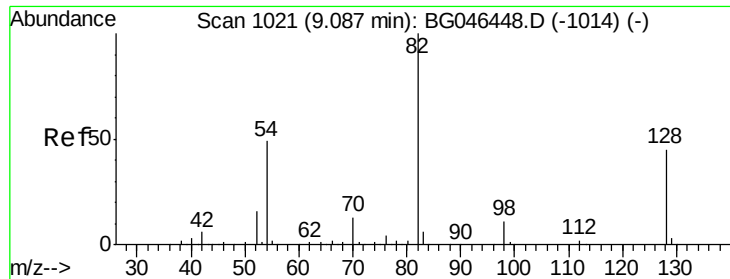
54 8.7 6.1 9.1

68 6.0 4.8 7.2



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

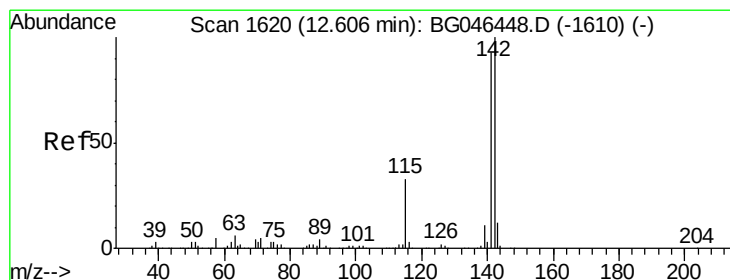
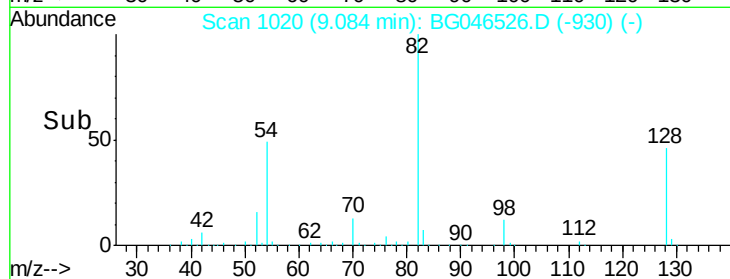
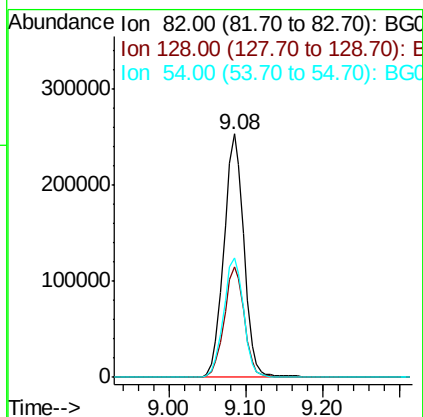
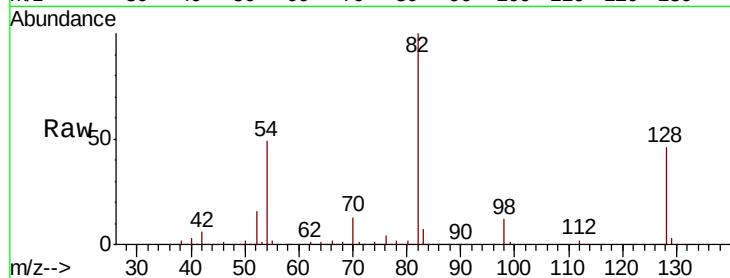




#23
Nitrobenzene-d5
Concen: 86.482 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

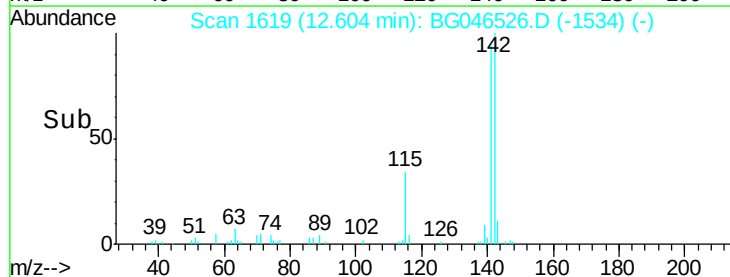
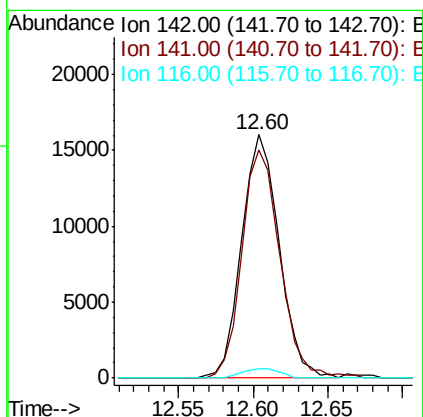
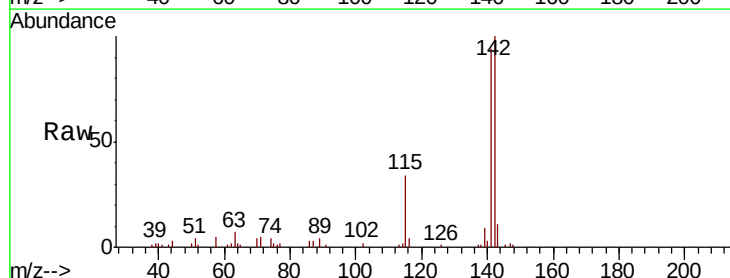
Instrument :
BNA_G
ClientSampleId :
TP-2

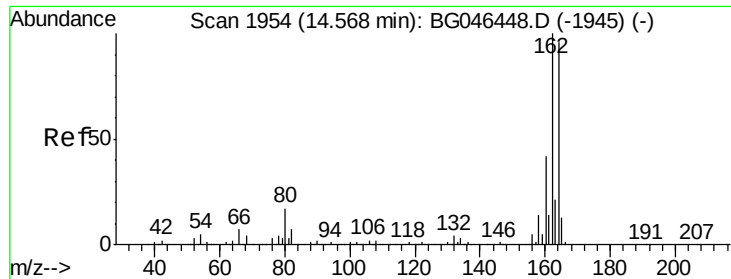
Tot Ion: 82 Resp: 458186
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 49.0 39.4 59.0



#38
1-Methylnaphthalene
Concen: 2.528 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

Tgt Ion: 142 Resp: 27925
Ion Ratio Lower Upper
142 100
141 93.8 74.7 112.1
116 3.7 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046526.D

Acq: 3 Sep 2020 21:31

Instrument :

BNA_G

ClientSampleId :

TP-2

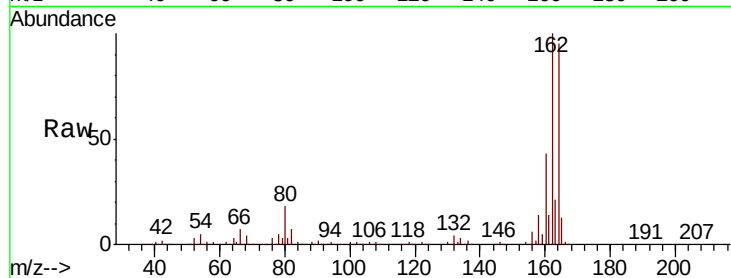
Tot Ion:164 Resp: 193134

Ion Ratio Lower Upper

164 100

162 104.9 83.3 124.9

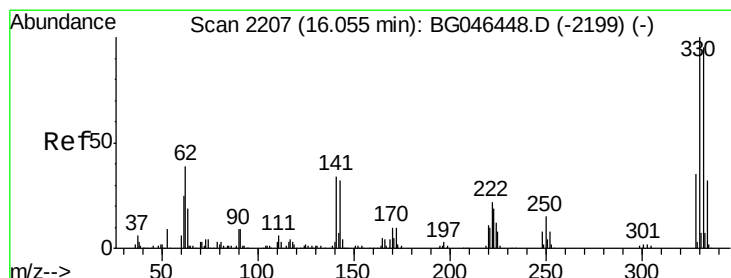
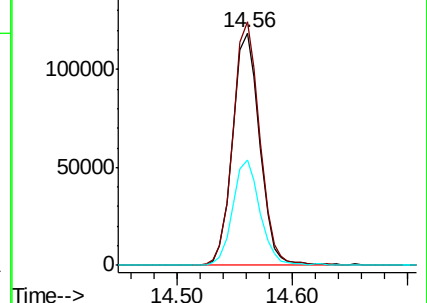
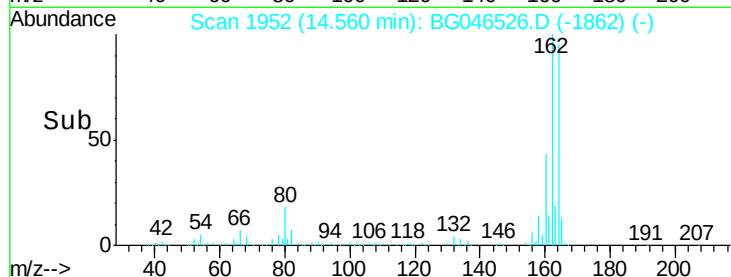
160 45.6 35.0 52.6



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: 115.821 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046526.D

Acq: 3 Sep 2020 21:31

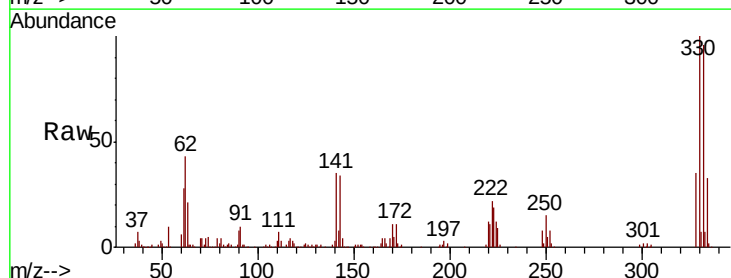
Tgt Ion:330 Resp: 303084

Ion Ratio Lower Upper

330 100

332 98.0 76.1 114.1

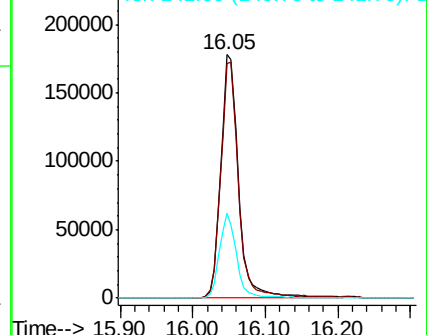
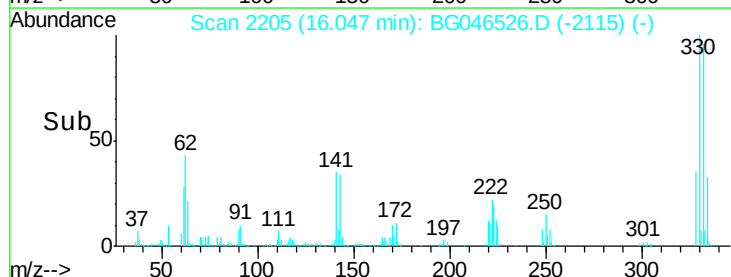
141 33.8 26.1 39.1

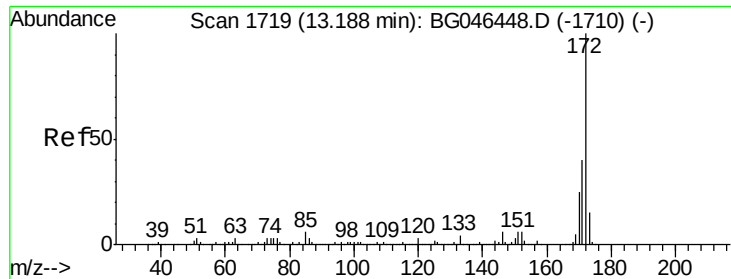


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



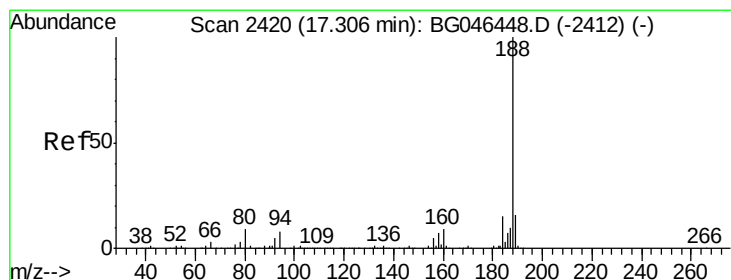
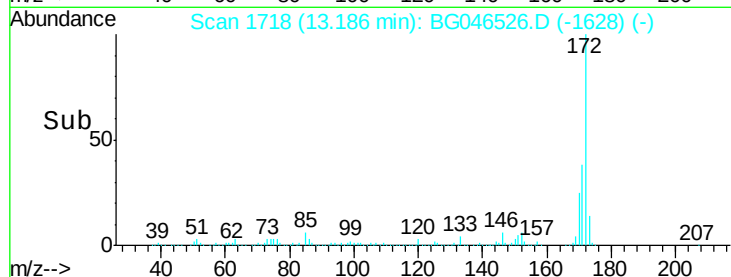
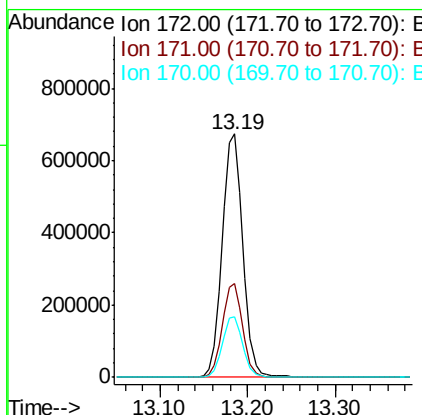
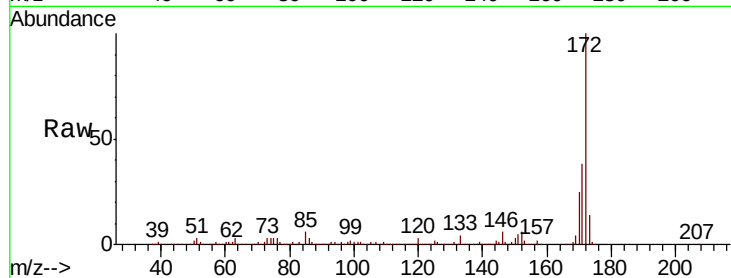


#45
 2-Fluorobiphenyl
 Concen: 87.078 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046526.D
 Acq: 3 Sep 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:172 Resp: 1101676

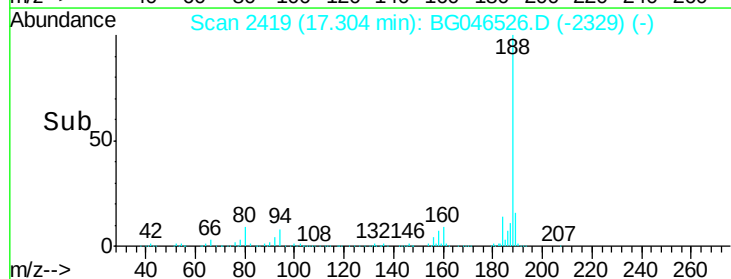
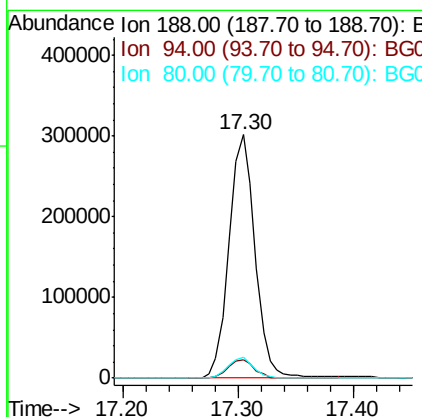
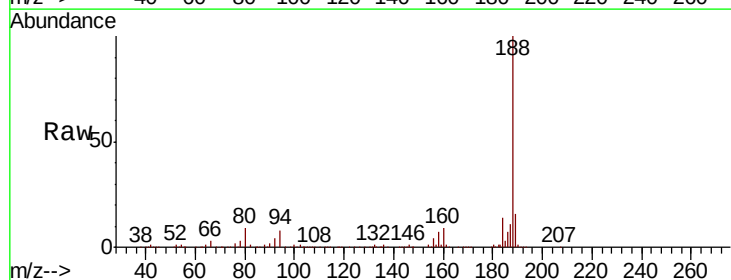
Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.0	20.3	30.5

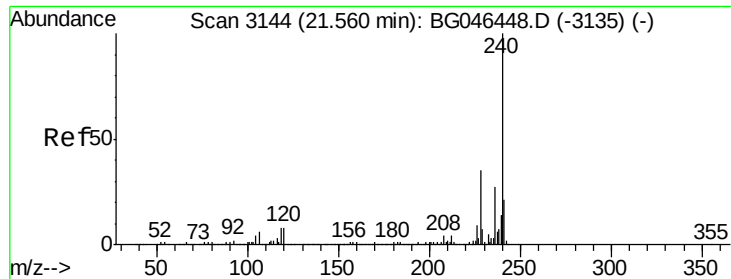


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.30 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG046526.D
 Acq: 3 Sep 2020 21:31

Tgt Ion:188 Resp: 472386

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.3	9.5
80	8.5	6.9	10.3

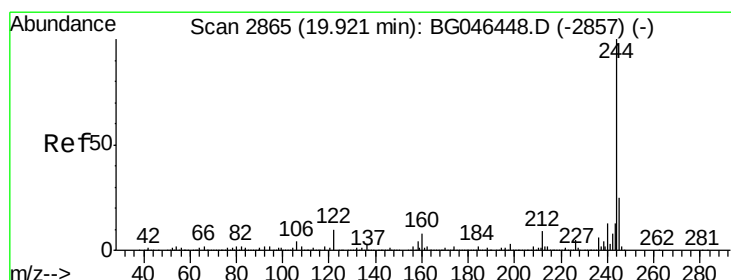
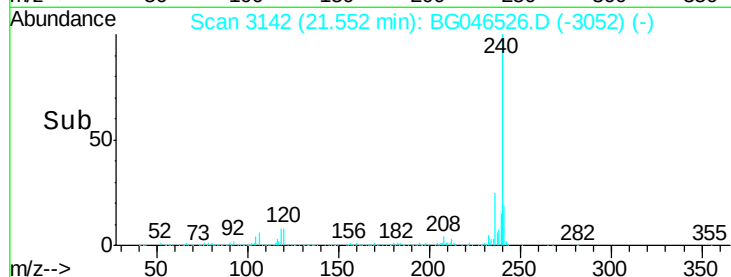
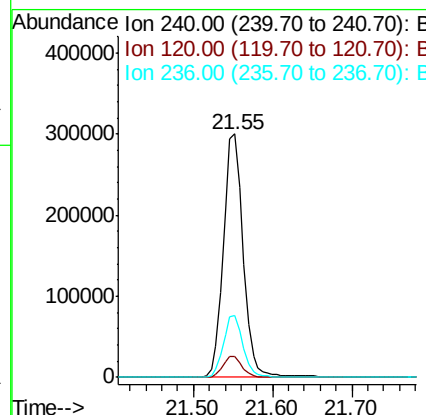
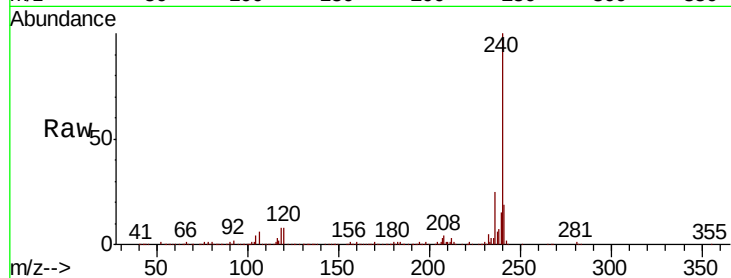




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

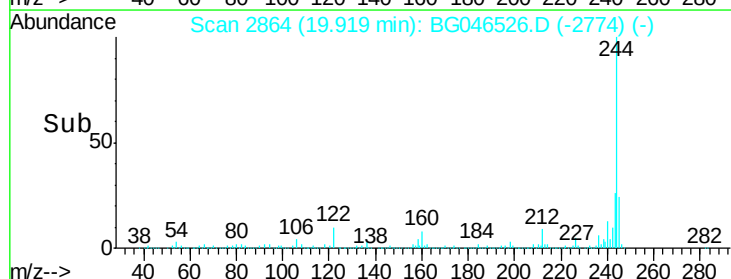
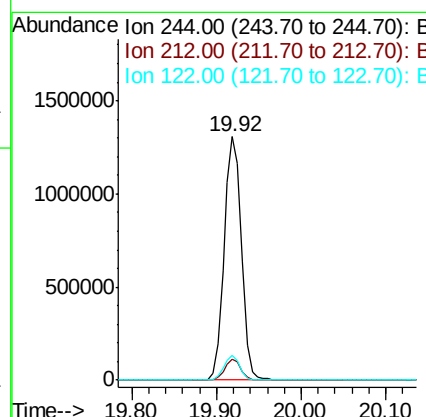
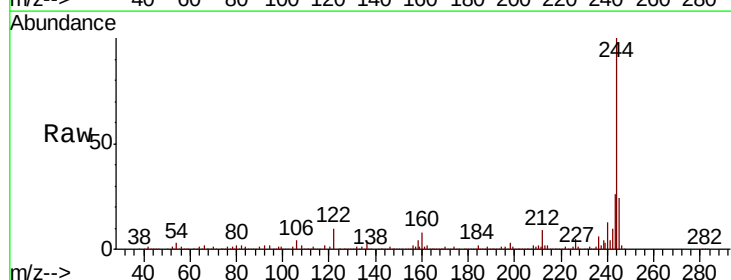
Instrument :
BNA_G
ClientSampleId :
TP-2

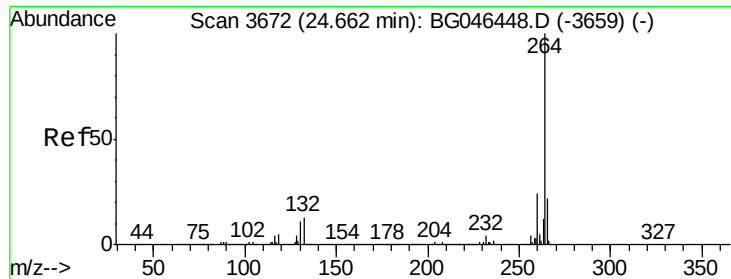
Tot Ion:240 Resp: 519576
Ion Ratio Lower Upper
240 100
120 8.4 6.6 10.0
236 25.2 21.4 32.2



#79
Terphenyl-d14
Concen: 76.260 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046526.D
Acq: 3 Sep 2020 21:31

Tgt Ion:244 Resp: 1861817
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 10.1 8.2 12.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046526.D
 Acq: 3 Sep 2020 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.9	26.9

