

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046527.D
 Acq On : 3 Sep 2020 22:12
 Operator : CG/JU
 Sample : L3877-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Sep 04 02:21:56 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

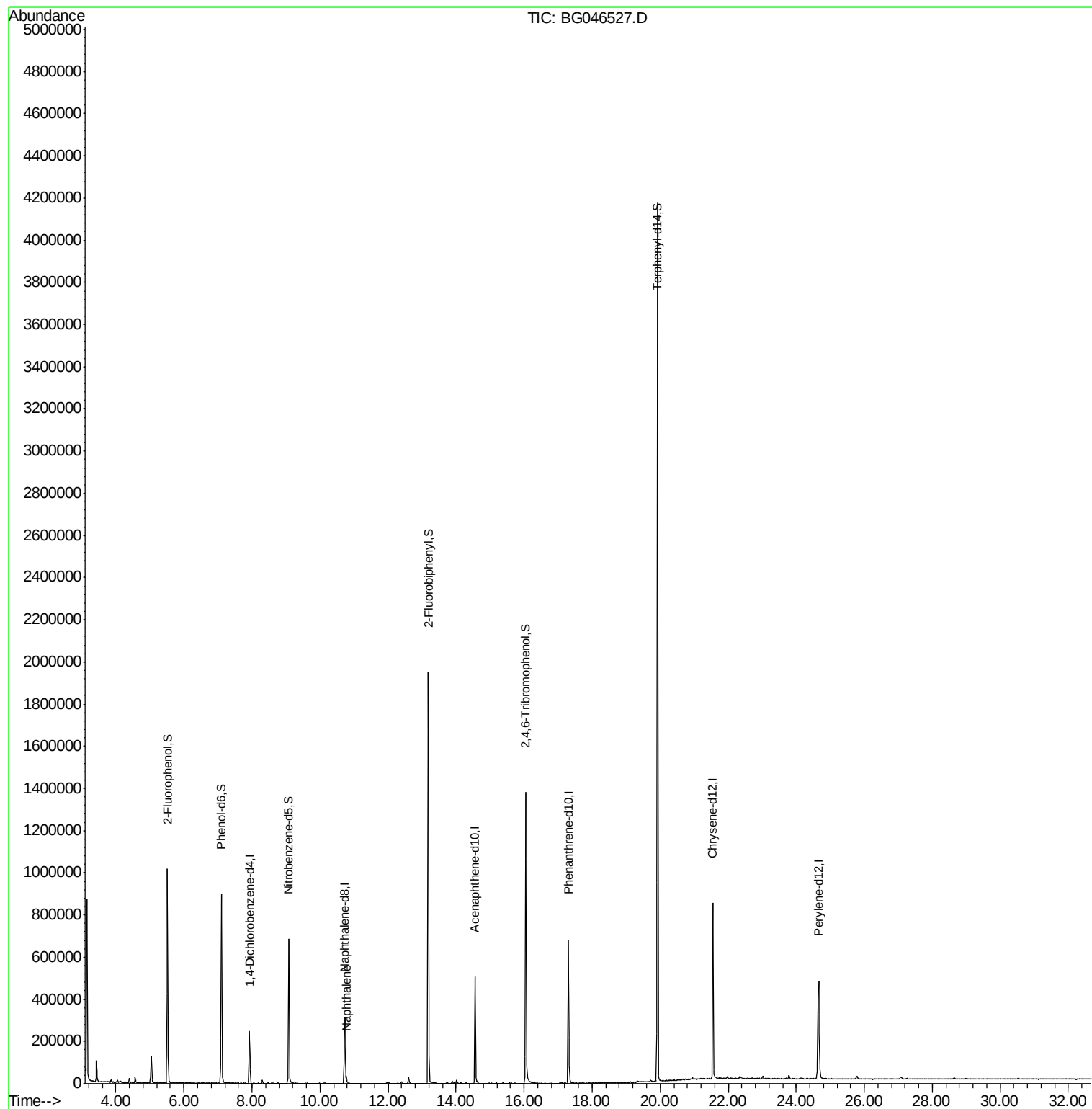
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75806	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	293104	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	190357	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	468425	20.00	ng	0.00
76) Chrysene-d12	21.55	240	517391	20.00	ng	0.00
86) Perylene-d12	24.65	264	500390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	472499	110.40	ng	0.00
7) Phenol-d6	7.10	99	569612	93.88	ng	0.00
23) Nitrobenzene-d5	9.08	82	444398	86.66	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	301538	116.91	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1077292	86.39	ng	0.00
79) Terphenyl-d14	19.92	244	1851411	76.15	ng	0.00
Target Compounds						
31) Naphthalene	10.77	128	31336	2.190	ng	Qvalue 96

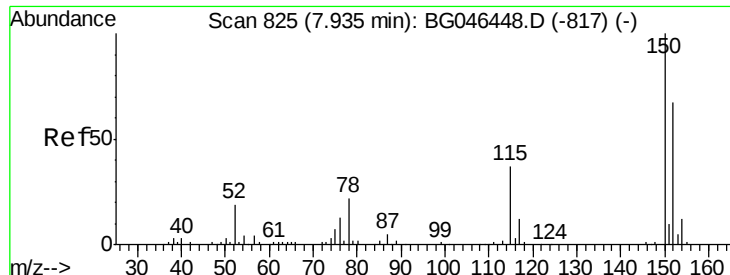
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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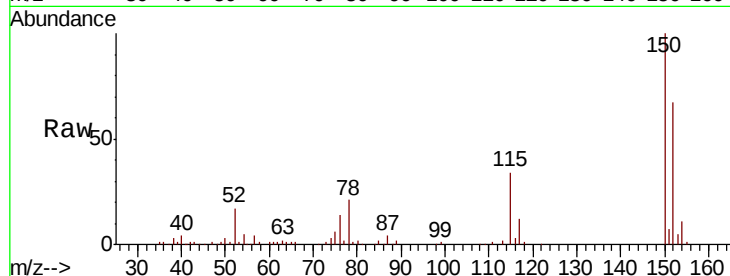




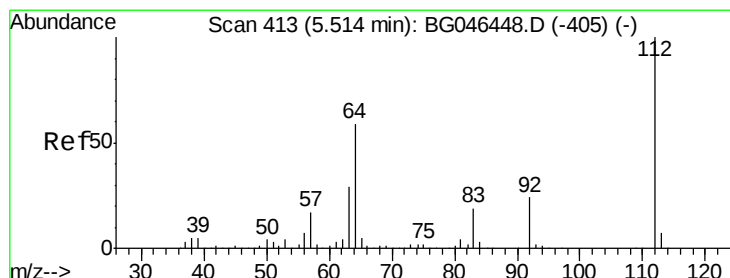
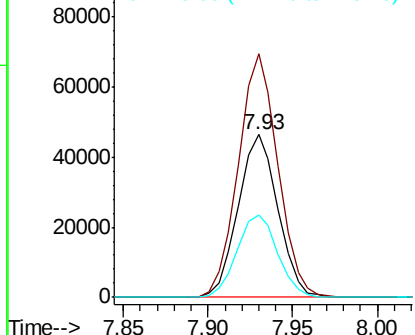
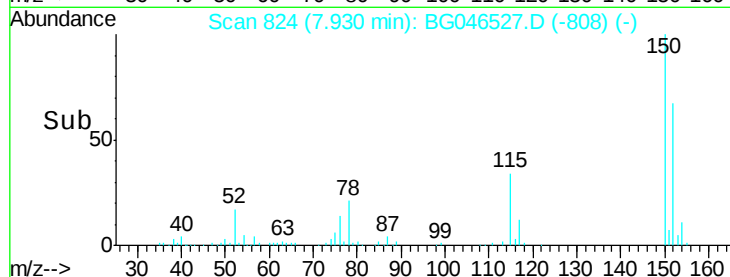
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046527.D
 Acq: 3 Sep 2020 22:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 75806
 Ion Ratio Lower Upper
 152 100
 150 149.9 119.5 179.3
 115 50.8 44.3 66.5

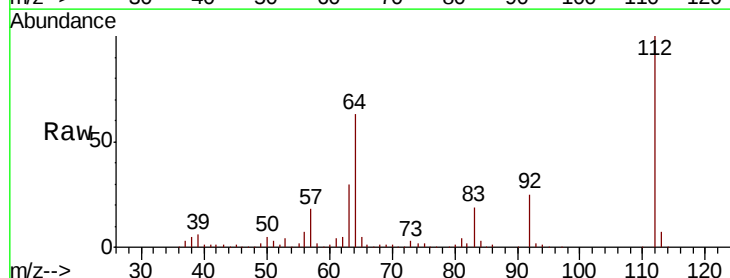


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

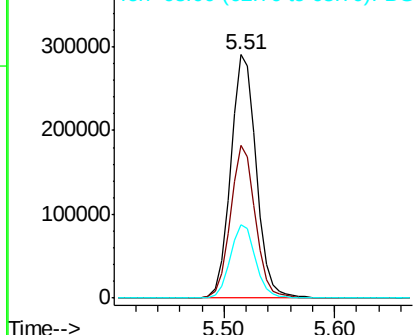
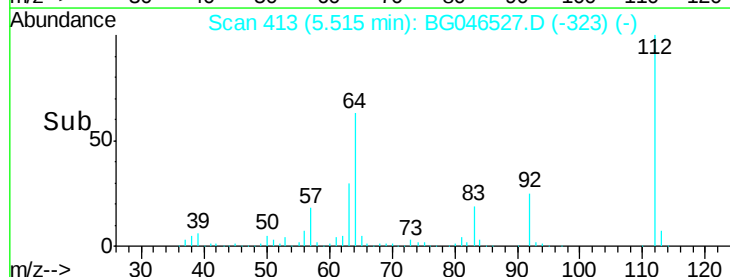


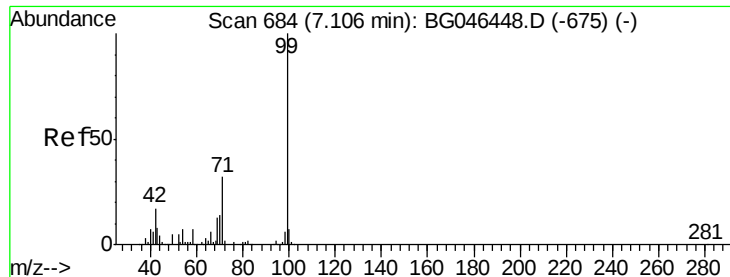
#5
 2-Fluorophenol
 Concen: 110.398 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046527.D
 Acq: 3 Sep 2020 22:12

Tgt Ion:112 Resp: 472499
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.0 70.6
 63 30.2 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: 93.882 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

Instrument :

BNA_G

ClientSampleId :

TP-3

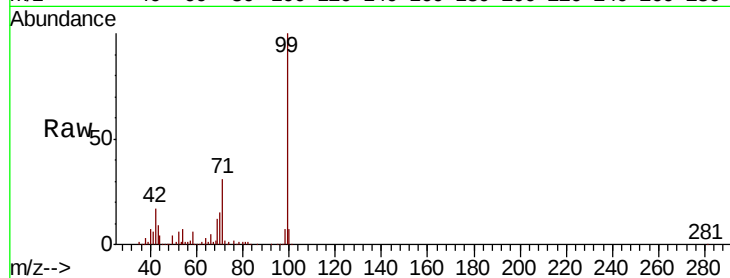
Tot Ion: 99 Resp: 569612

Ion Ratio Lower Upper

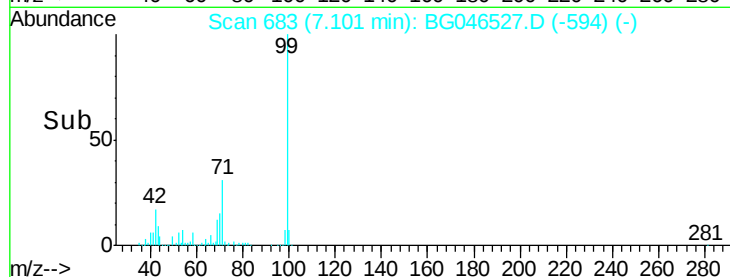
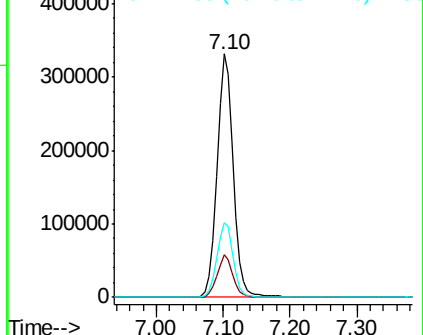
99 100

42 17.4 13.3 19.9

71 30.8 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: 10.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

Tgt Ion: 136 Resp: 293104

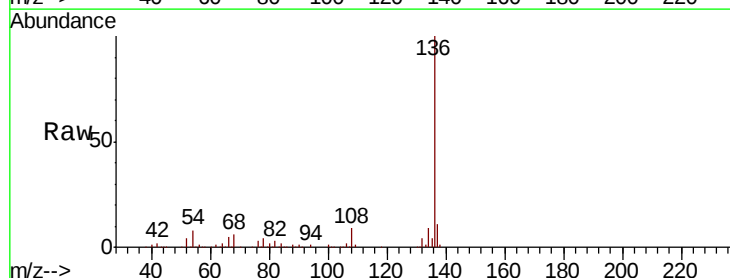
Ion Ratio Lower Upper

136 100

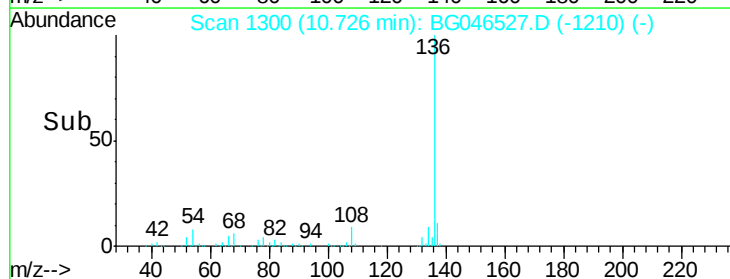
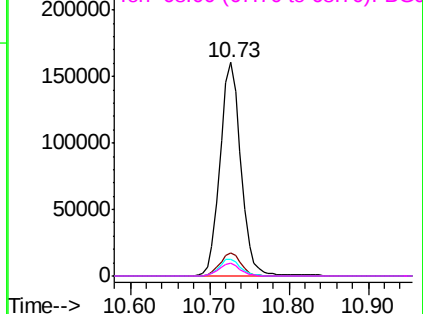
137 10.5 8.8 13.2

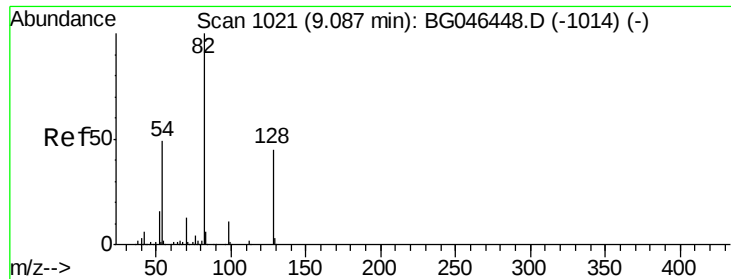
54 7.9 6.1 9.1

68 5.9 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

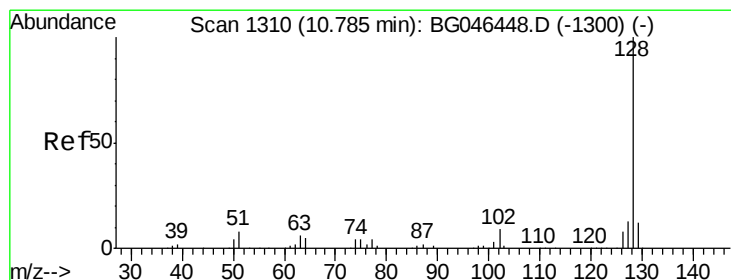
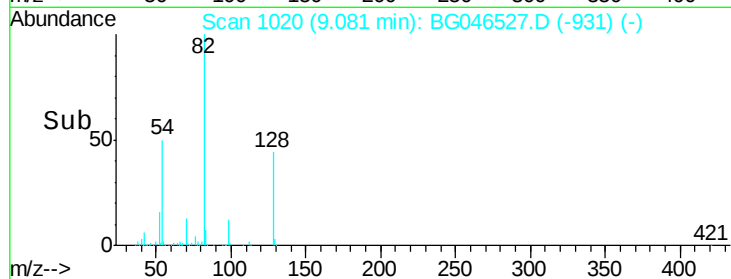
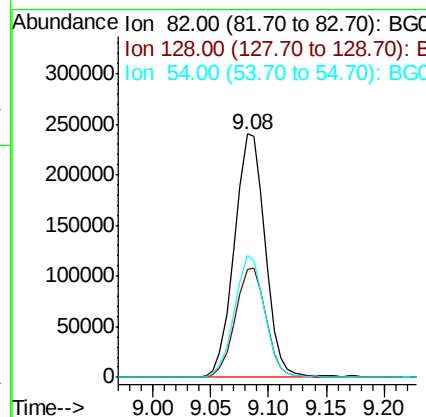
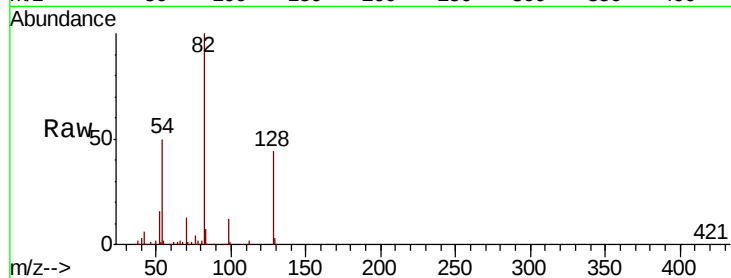




#23
 Nitrobenzene-d5
 Concen: 86.657 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG046527.D
 Acq: 3 Sep 2020 22:12

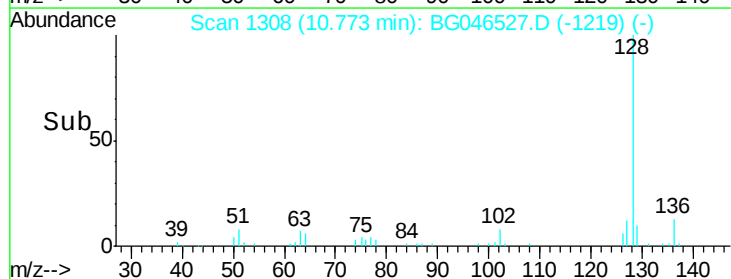
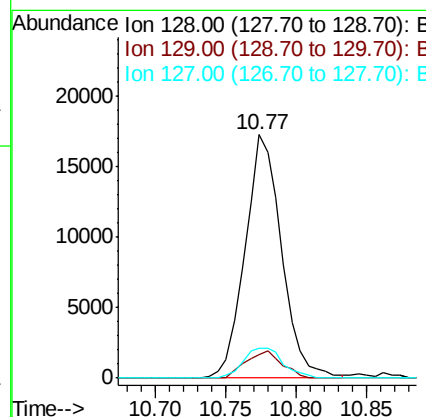
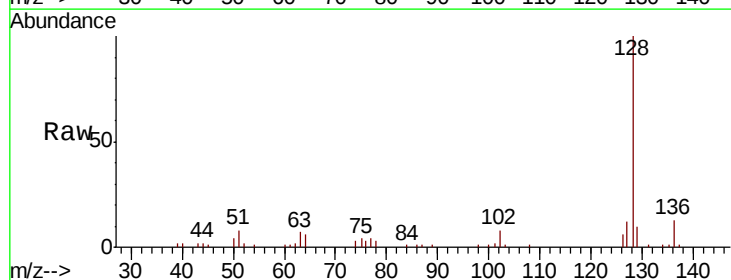
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

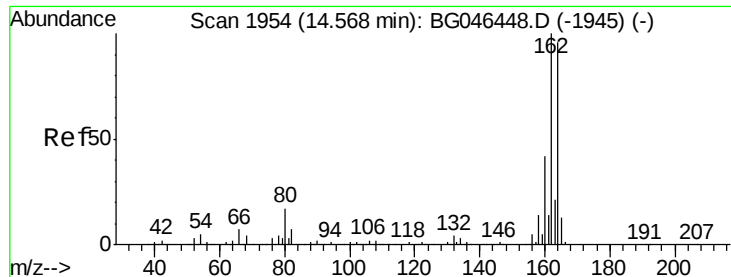
Tot Ion: 82 Resp: 444398
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.7 53.5
 54 50.2 39.4 59.0



#31
 Naphthalene
 Concen: 2.190 ng
 RT: 10.77 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BG046527.D
 Acq: 3 Sep 2020 22:12

Tgt Ion: 128 Resp: 31336
 Ion Ratio Lower Upper
 128 100
 129 9.6 9.2 13.8
 127 12.5 10.7 16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

Instrument :

BNA_G

ClientSampleId :

TP-3

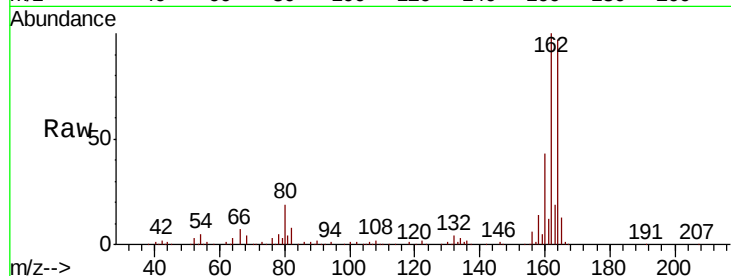
Tot Ion:164 Resp: 190357

Ion Ratio Lower Upper

164 100

162 103.5 83.3 124.9

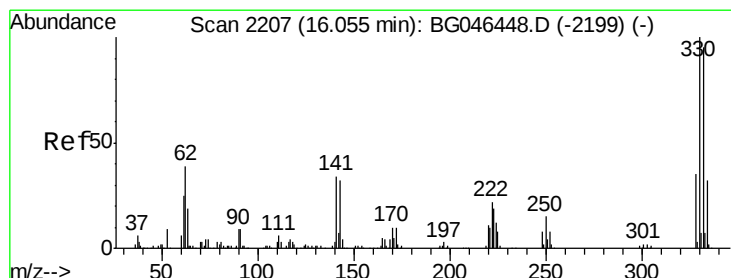
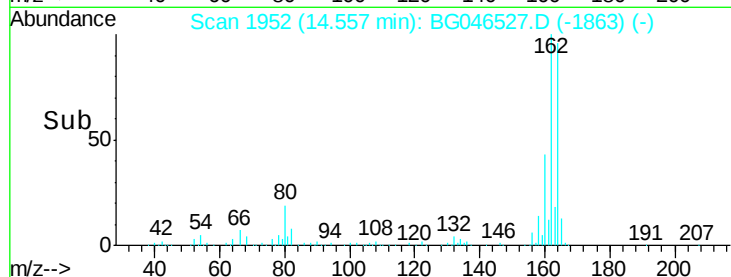
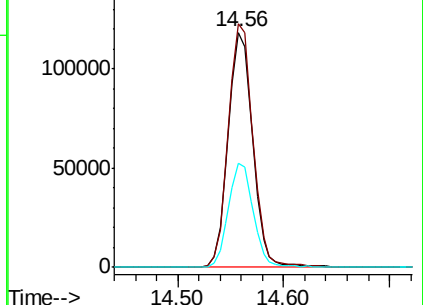
160 44.3 35.0 52.6



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: 116.911 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

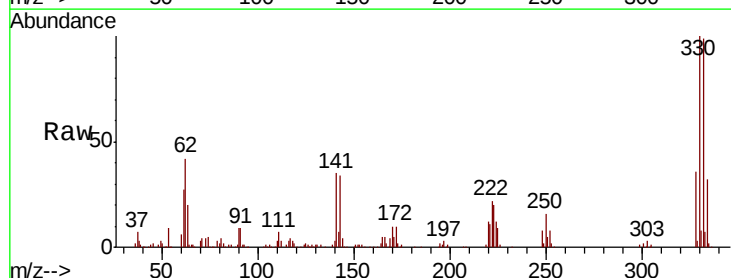
Tgt Ion:330 Resp: 301538

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

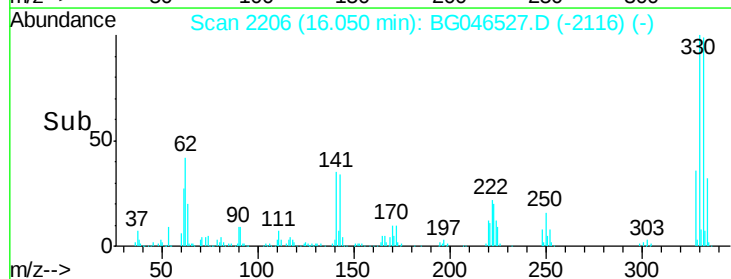
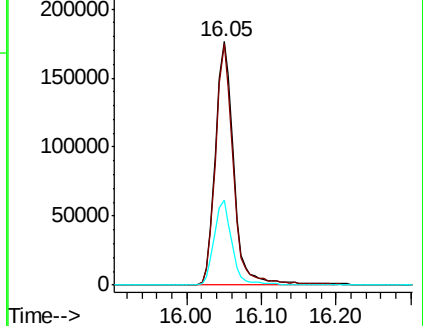
141 34.0 26.1 39.1

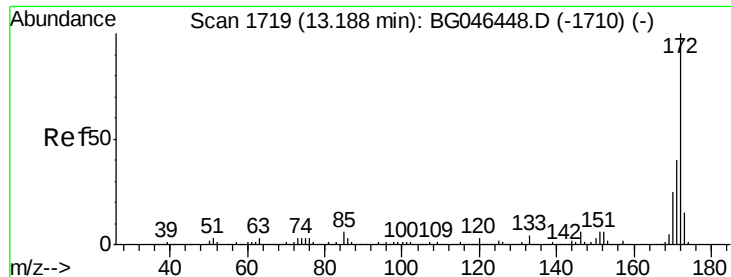


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



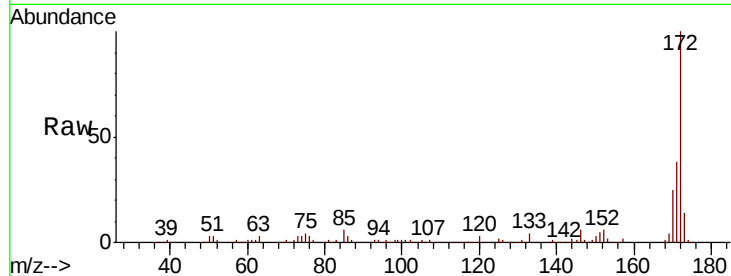


#45
2-Fluorobiphenyl
Concen: 86.393 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

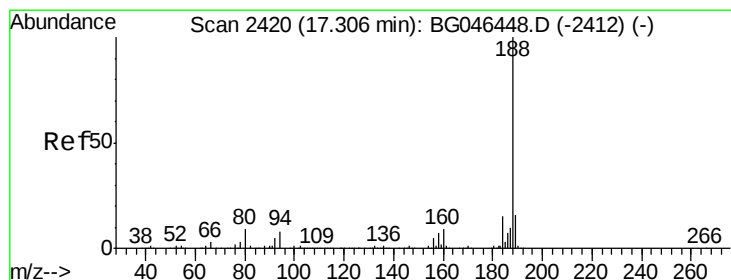
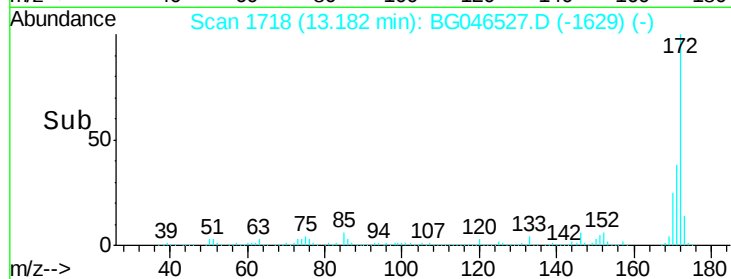
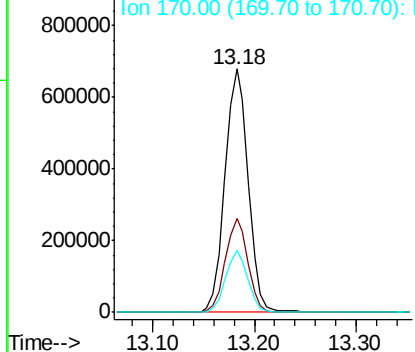
Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:172 Resp: 1077292

Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.8	47.6
170	25.3	20.3	30.5



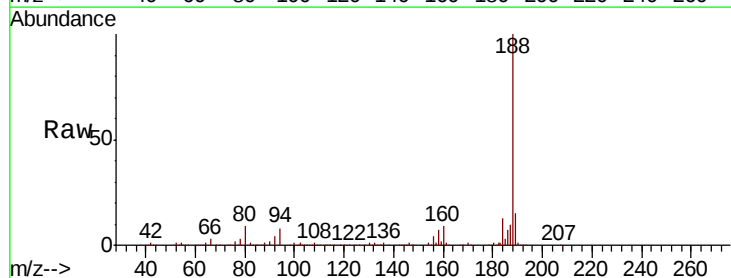
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



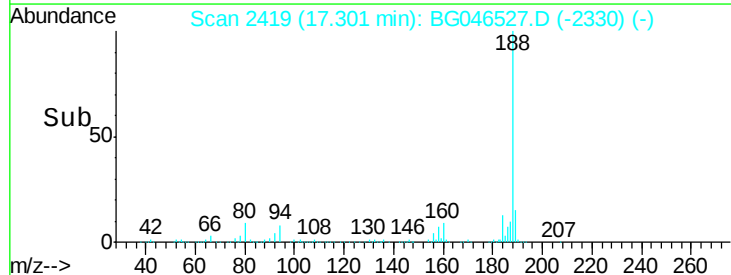
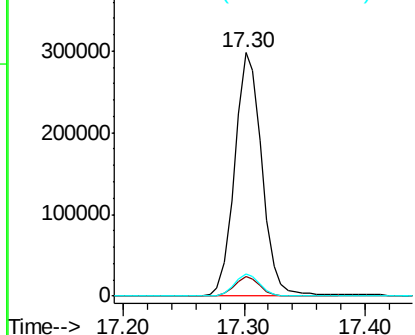
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG046527.D
Acq: 3 Sep 2020 22:12

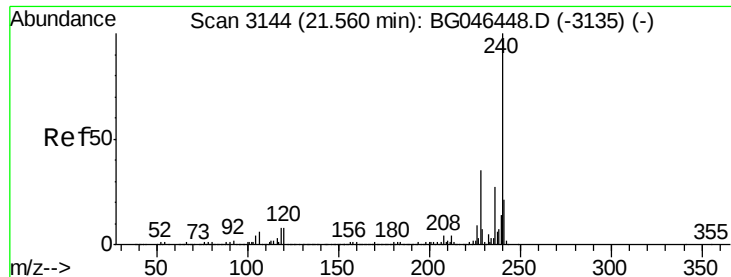
Tgt Ion:188 Resp: 468425

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.3	9.5
80	9.0	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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

Instrument :

BNA_G

ClientSampleId :

TP-3

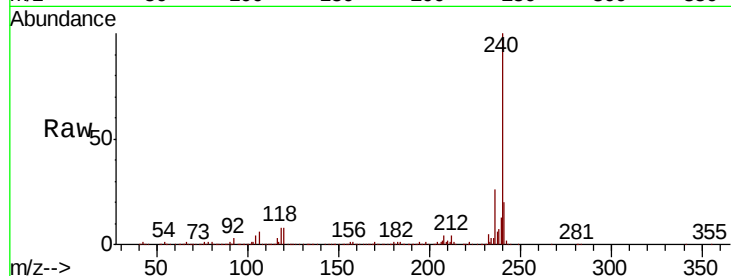
Tot Ion:240 Resp: 517391

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

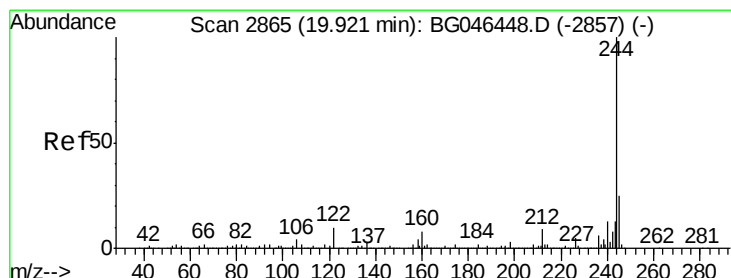
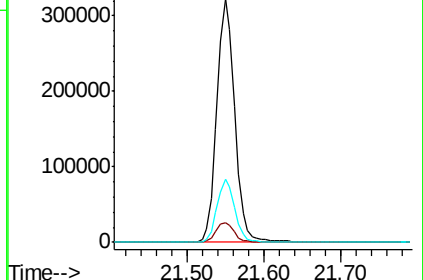
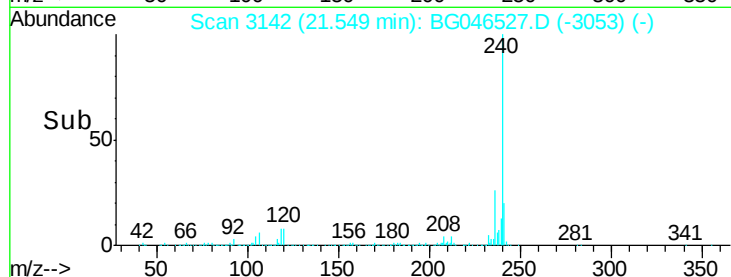
236 26.1 21.4 32.2



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: 76.154 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046527.D

Acq: 3 Sep 2020 22:12

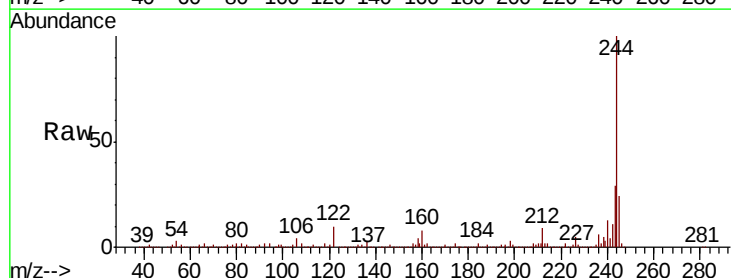
Tgt Ion:244 Resp: 1851411

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

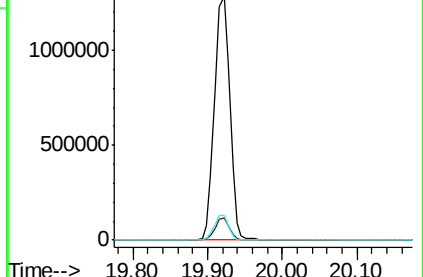
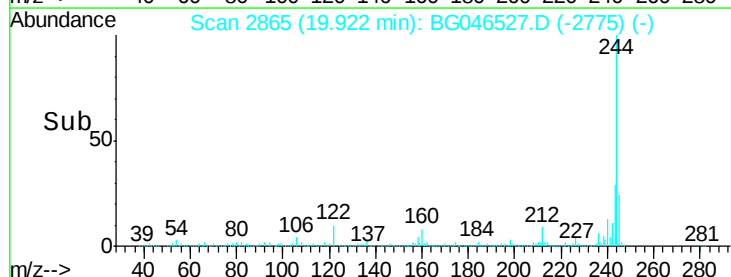
122 9.9 8.2 12.4

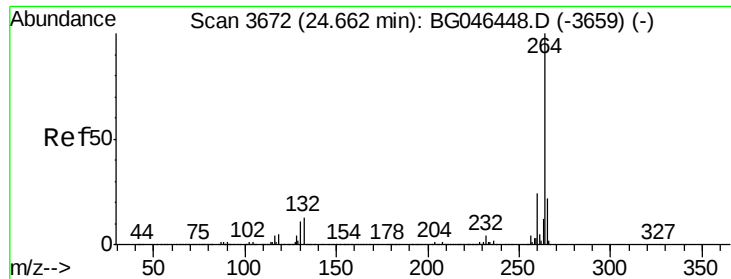


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

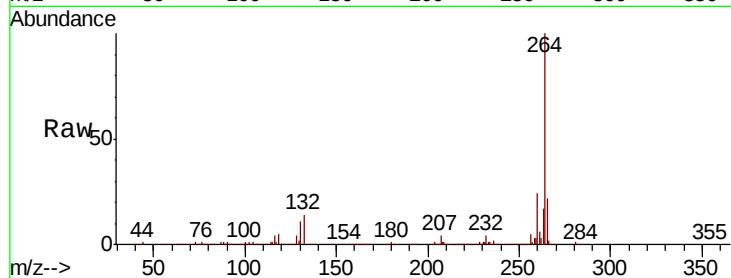




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BG046527.D
 Acq: 3 Sep 2020 22:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	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

