

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046614.D
 Acq On : 14 Sep 2020 22:12
 Operator : CG/JU
 Sample : L3976-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-S-SB-0102

Quant Time: Sep 15 02:11:45 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	63094	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	248311	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	174347	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	439780	20.00	ng	0.00
76) Chrysene-d12	21.55	240	481074	20.00	ng	0.00
86) Perylene-d12	24.65	264	458772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	365814	102.69	ng	0.00
7) Phenol-d6	7.10	99	431949	85.54	ng	0.00
23) Nitrobenzene-d5	9.08	82	348348	80.18	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	242863	102.81	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	913836	80.01	ng	0.00
79) Terphenyl-d14	19.91	244	1640285	72.56	ng	0.00

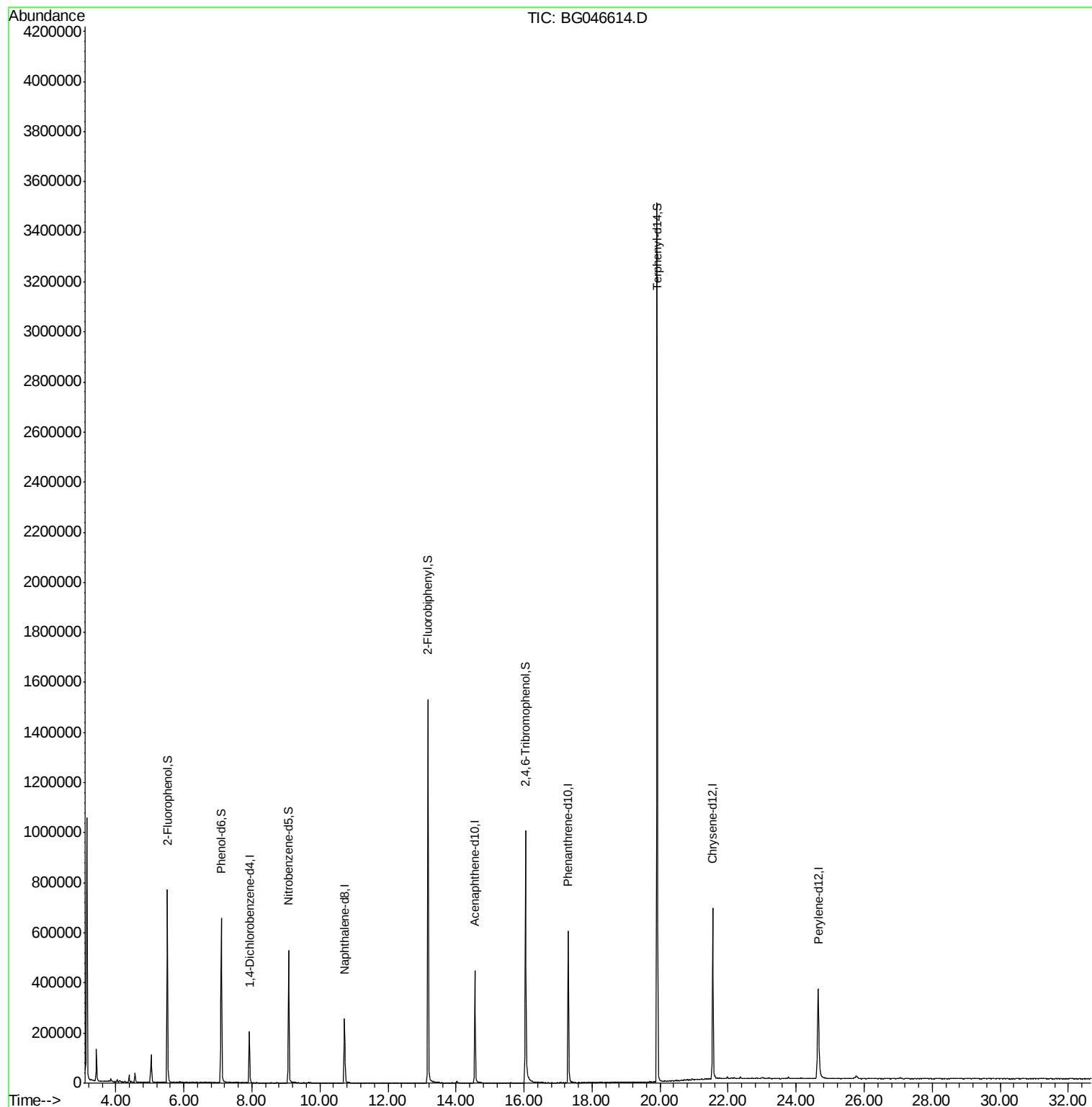
Target Compounds Qvalue

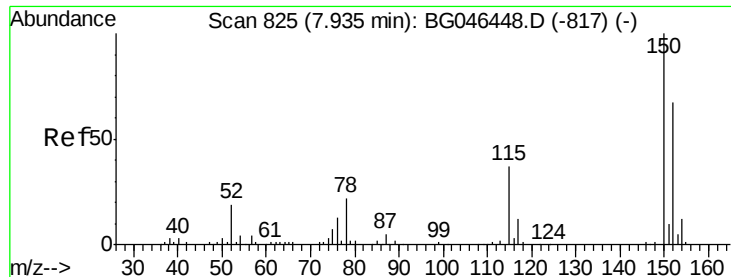
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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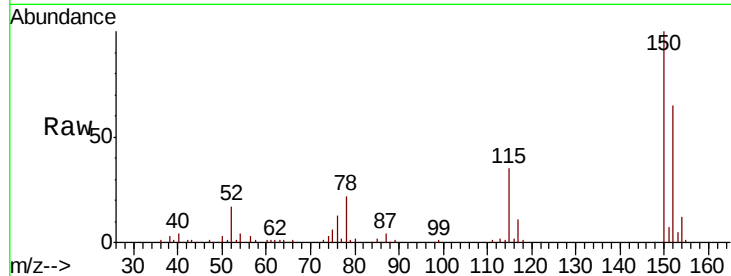




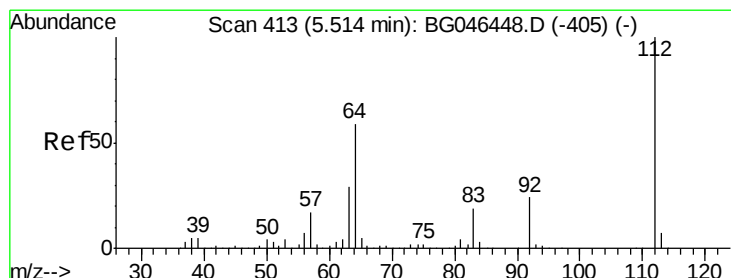
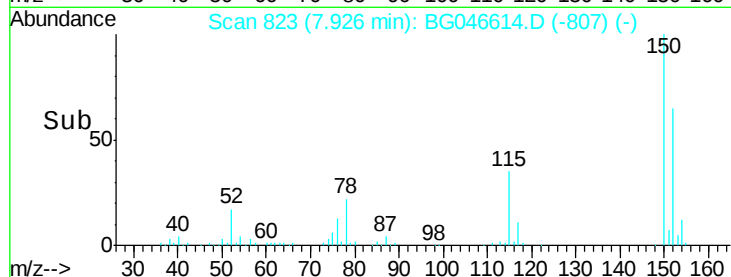
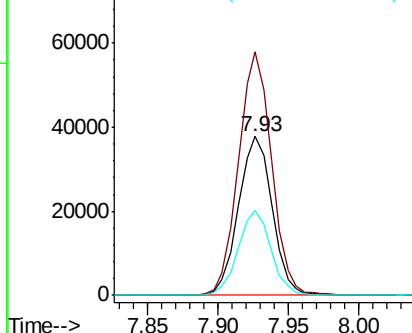
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046614.D
 Acq: 14 Sep 2020 22:12

Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-S-SB-0102

Tot Ion:152 Resp: 63094
 Ion Ratio Lower Upper
 152 100
 150 153.4 119.5 179.3
 115 53.8 44.3 66.5

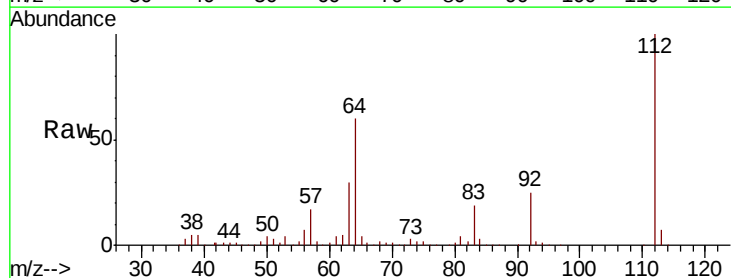


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

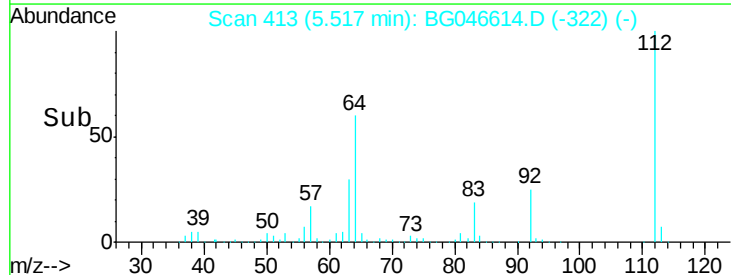
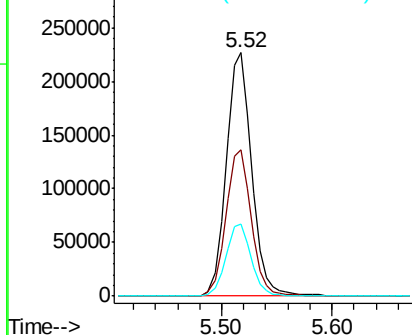


#5
 2-Fluorophenol
 Concen: 102.692 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046614.D
 Acq: 14 Sep 2020 22:12

Tgt Ion:112 Resp: 365814
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.0 70.6
 63 29.6 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: 85.537 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

Instrument :

BNA_G

ClientSampleId :

BSY-WC-S-SB-0102

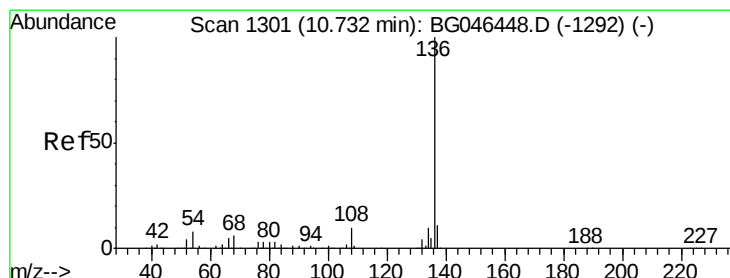
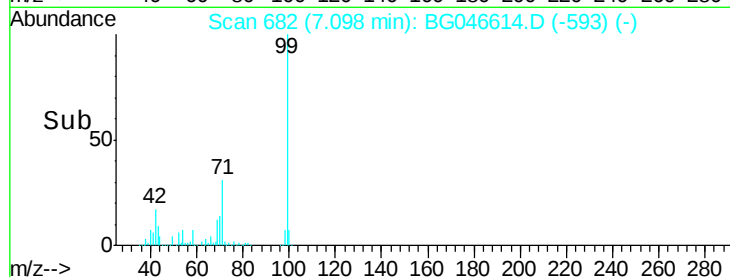
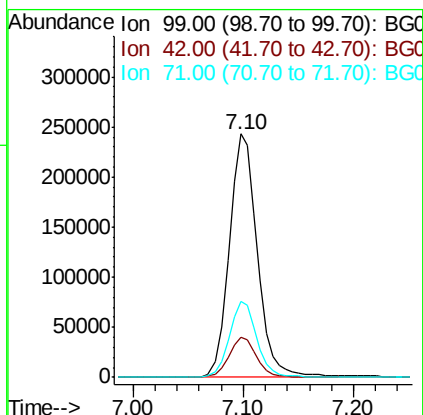
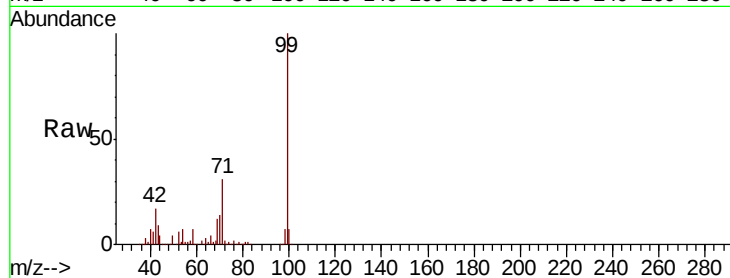
Tot Ion: 99 Resp: 431949

Ion Ratio Lower Upper

99 100

42 16.6 13.3 19.9

71 31.2 25.3 37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

Tgt Ion: 136 Resp: 248311

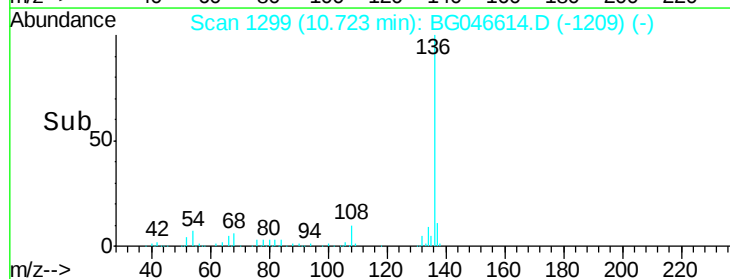
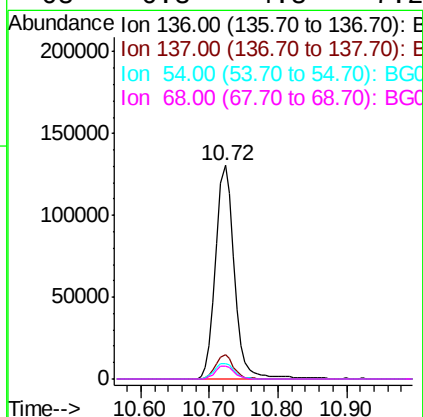
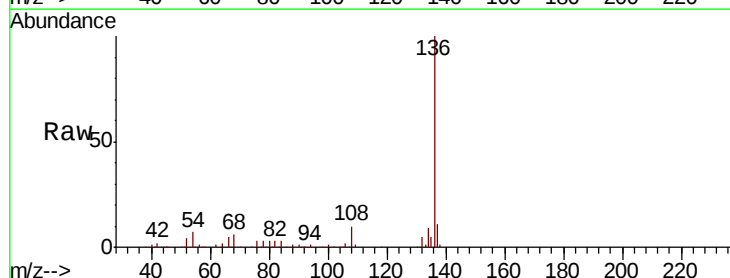
Ion Ratio Lower Upper

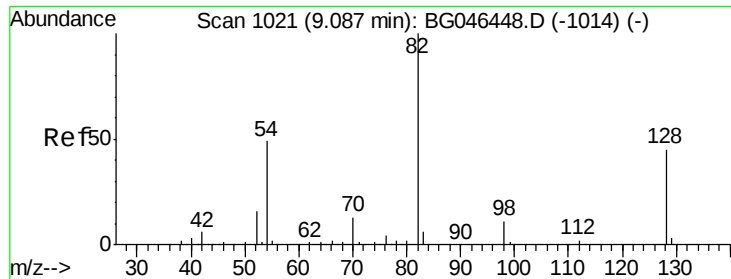
136 100

137 11.3 8.8 13.2

54 7.5 6.1 9.1

68 6.3 4.8 7.2

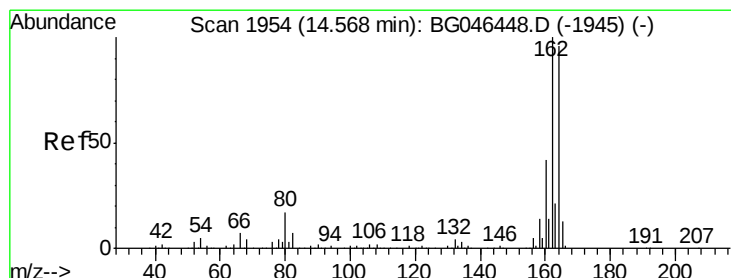
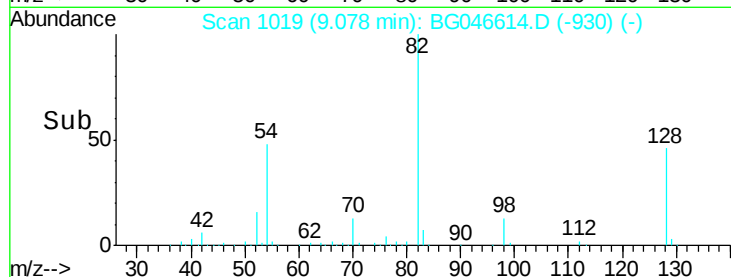
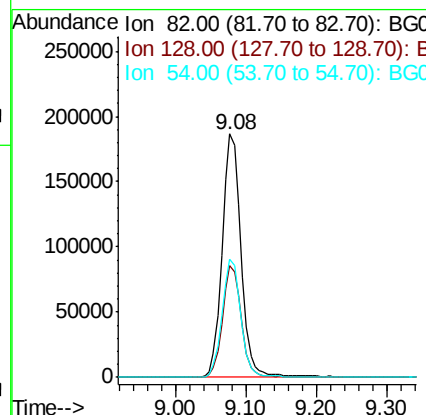
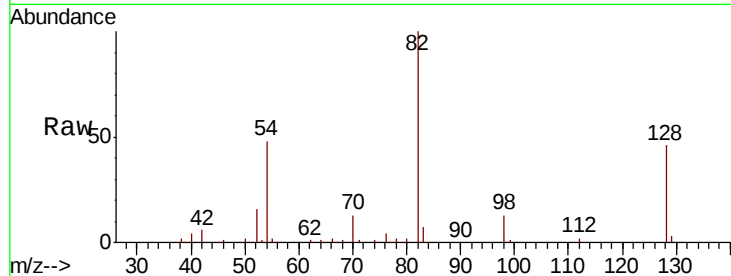




#23
 Nitrobenzene-d5
 Concen: 80.181 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG046614.D
 Acq: 14 Sep 2020 22:12

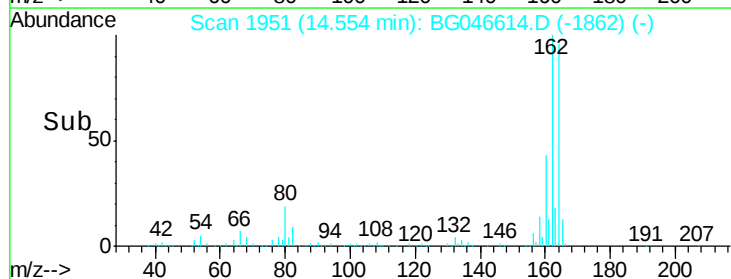
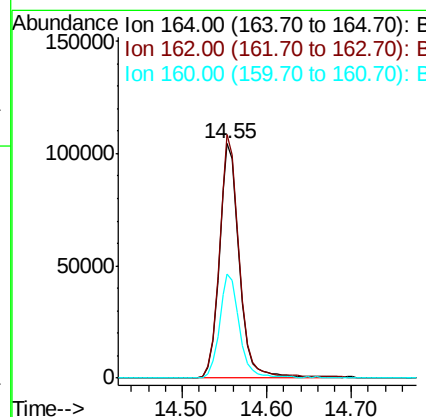
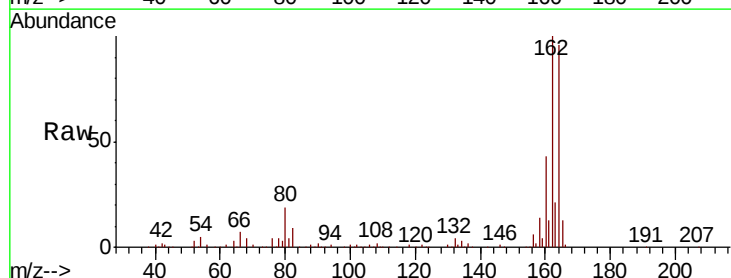
Instrument :
 BNA_G
 ClientSampleId :
 BSY-WC-S-SB-0102

Tot Ion	82	Resp	348348
Ion Ratio	100	Lower	Upper
128	45.8	35.7	53.5
54	48.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG046614.D
 Acq: 14 Sep 2020 22:12

Tgt Ion	164	Resp	174347
Ion Ratio	100	Lower	Upper
162	104.0	83.3	124.9
160	44.4	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 102.809 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

Instrument :

BNA_G

ClientSampleId :

BSY-WC-S-SB-0102

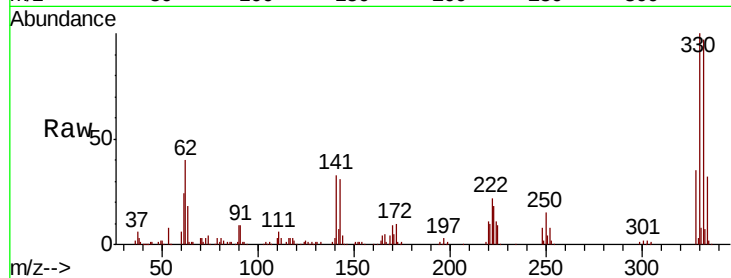
Tot Ion:330 Resp: 242863

Ion Ratio Lower Upper

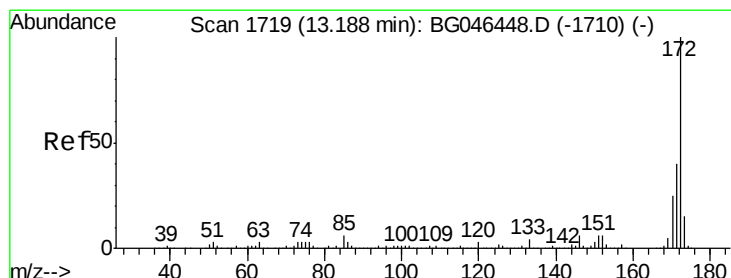
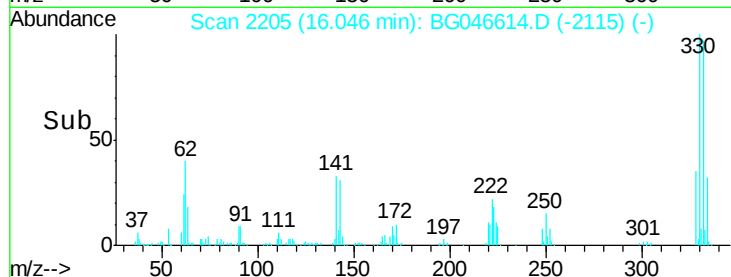
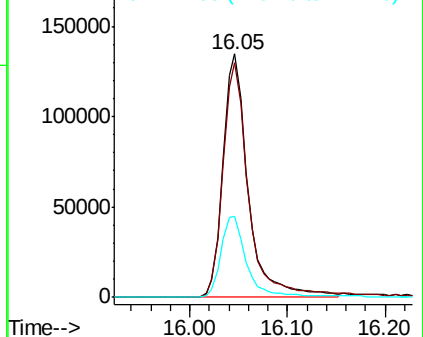
330 100

332 99.5 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: 80.014 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

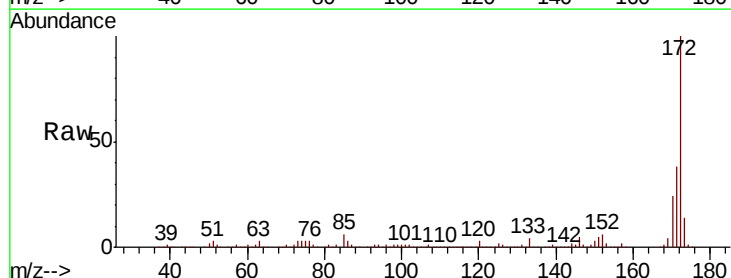
Tgt Ion:172 Resp: 913836

Ion Ratio Lower Upper

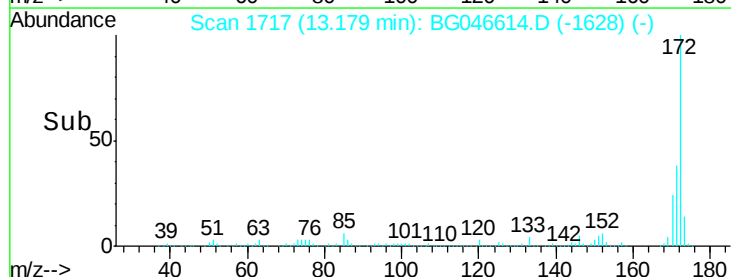
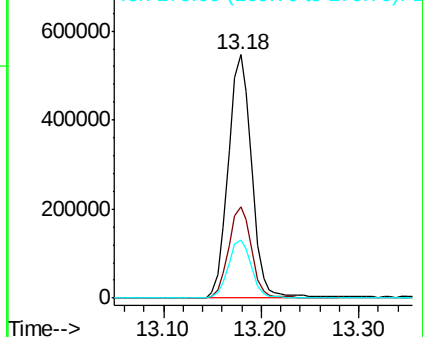
172 100

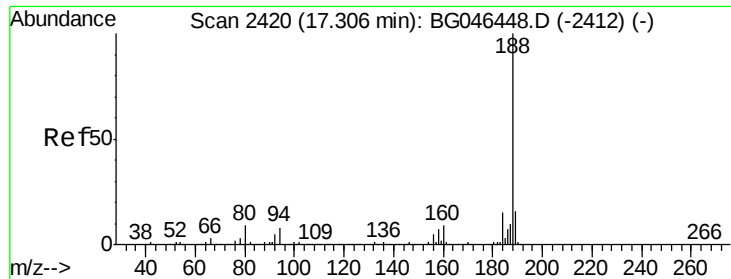
171 37.5 31.8 47.6

170 23.8 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

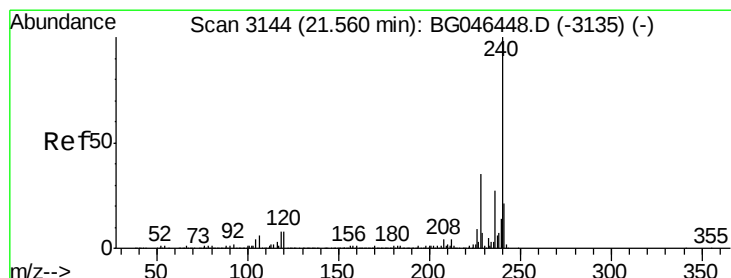
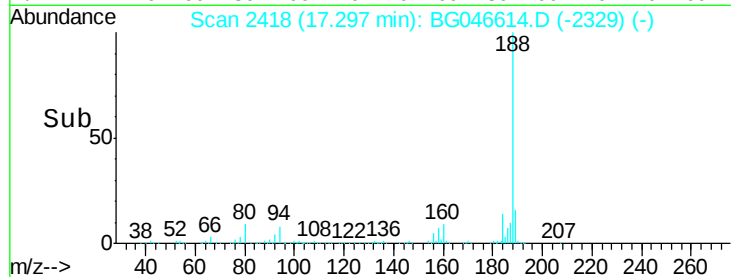
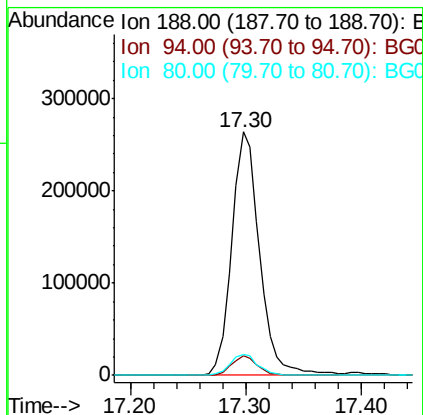
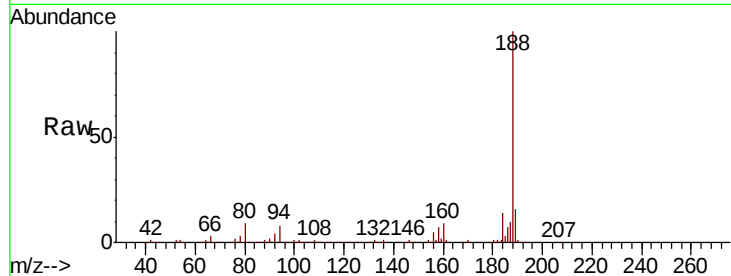




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG046614.D
Acq: 14 Sep 2020 22:12

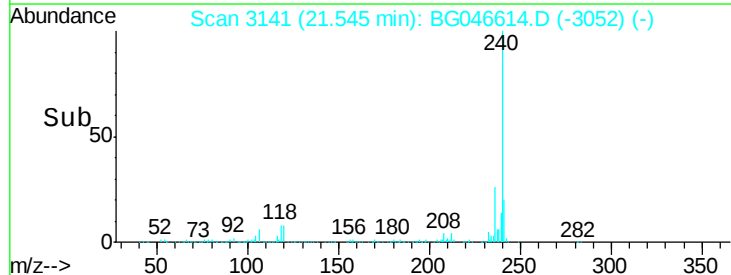
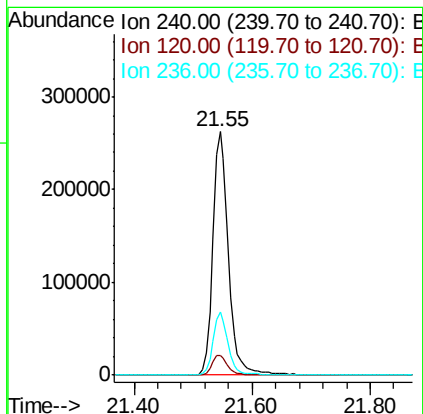
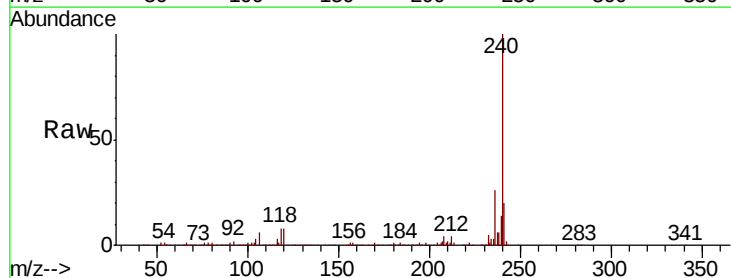
Instrument :
BNA_G
ClientSampleId :
BSY-WC-S-SB-0102

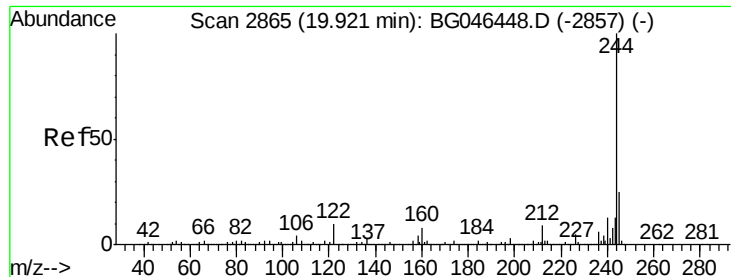
Tot Ion:188 Resp: 439780
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046614.D
Acq: 14 Sep 2020 22:12

Tgt Ion:240 Resp: 481074
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.7 21.4 32.2





#79

Terphenyl-d14

Concen: 72.563 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

Instrument :

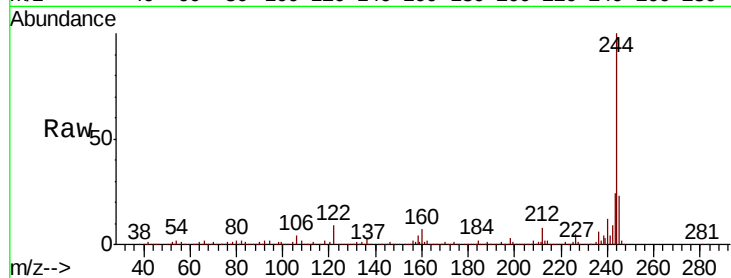
BNA_G

ClientSampleId :

BSY-WC-S-SB-0102

Tot Ion:244 Resp: 1640285

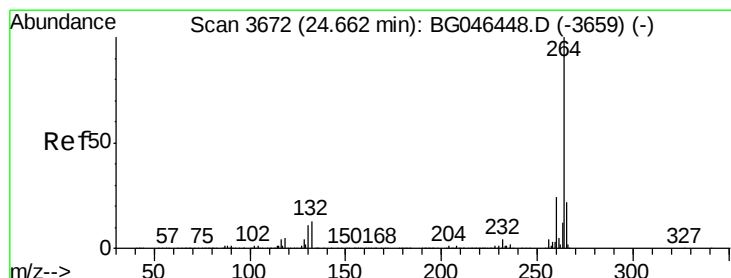
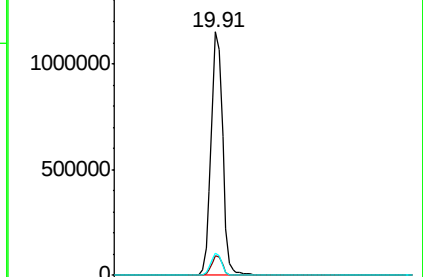
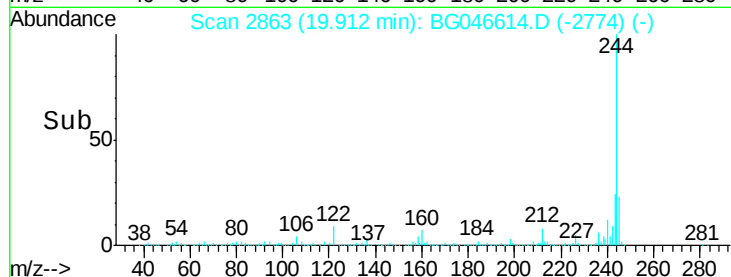
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	9.3	8.2	12.4



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# 3669

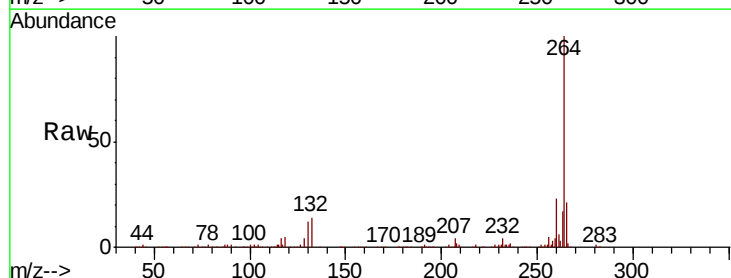
Delta R.T. -0.01 min

Lab File: BG046614.D

Acq: 14 Sep 2020 22:12

Tgt Ion:264 Resp: 458772

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	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

