

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\
 Data File : BG046632.D
 Acq On : 15 Sep 2020 20:08
 Operator : CG/JU
 Sample : L4005-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 32-34

Quant Time: Sep 16 00:53:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 13:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69401	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	297978	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	215210	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	453915	20.00	ng	0.00
76) Chrysene-d12	21.54	240	472877	20.00	ng	0.00
86) Perylene-d12	24.63	264	452457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	455256	116.19	ng	0.00
7) Phenol-d6	7.10	99	560659	100.94	ng	0.00
23) Nitrobenzene-d5	9.08	82	441096	84.61	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	287215	98.50	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1213791	86.10	ng	0.00
79) Terphenyl-d14	19.91	244	1659012	74.66	ng	0.00

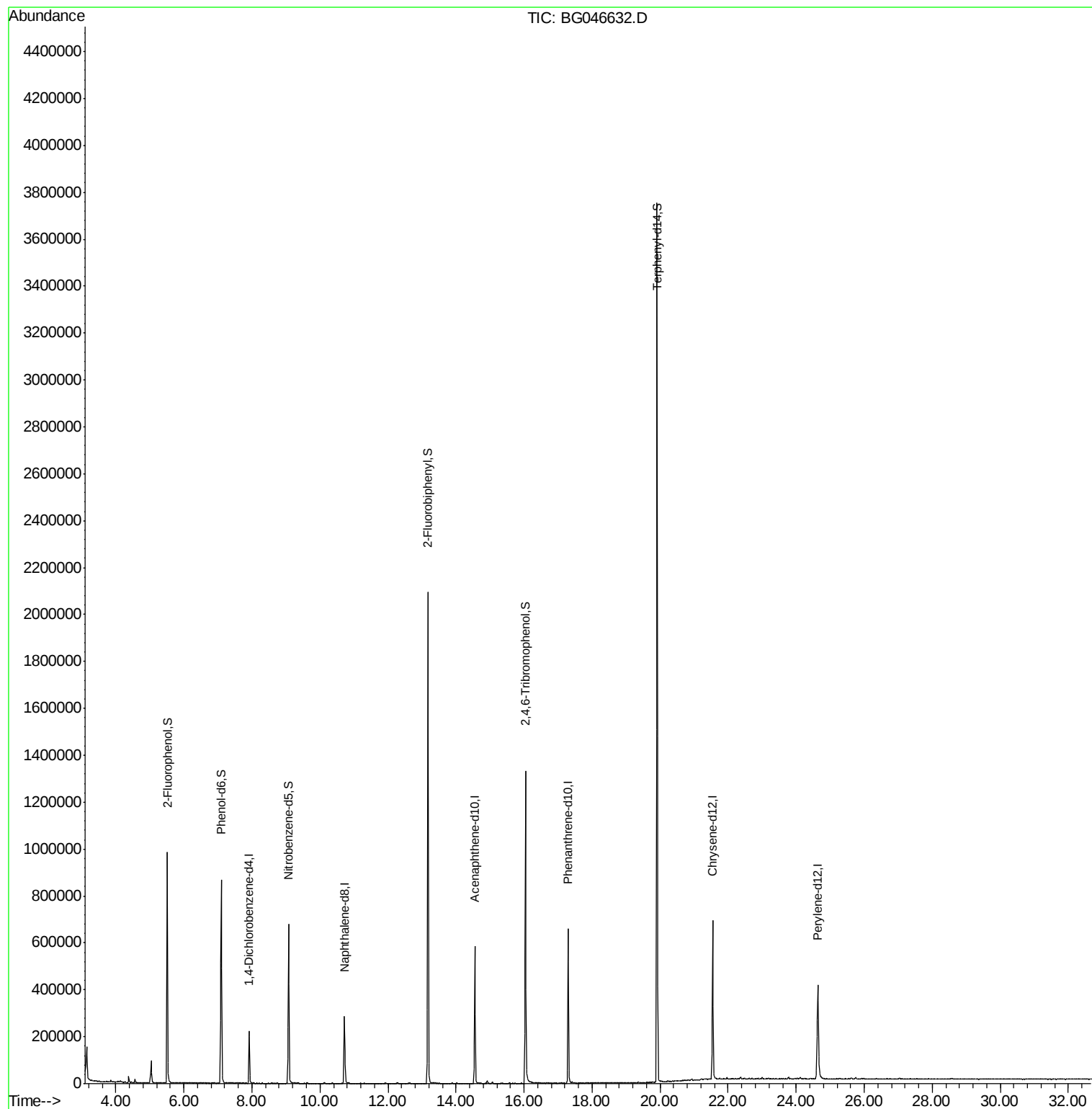
Target Compounds Qvalue

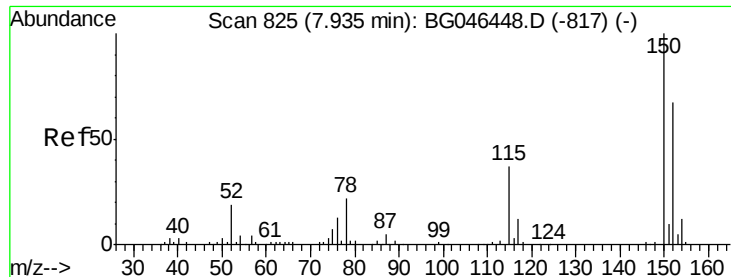
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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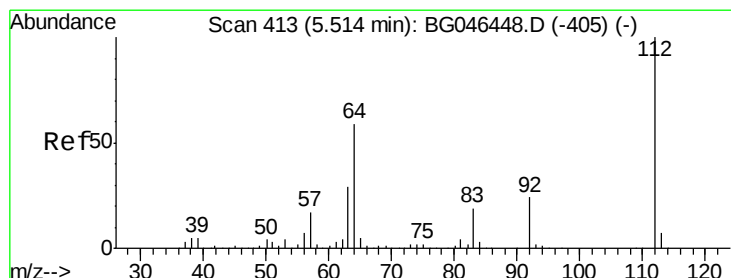
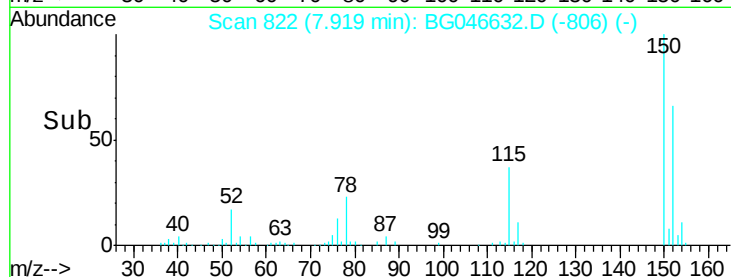
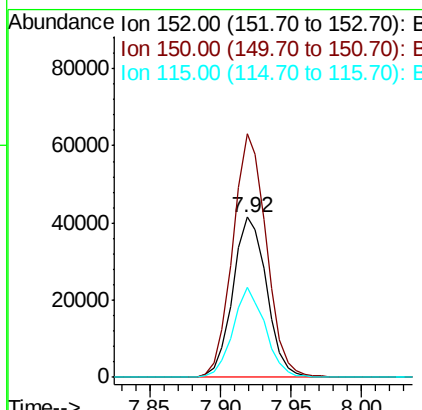
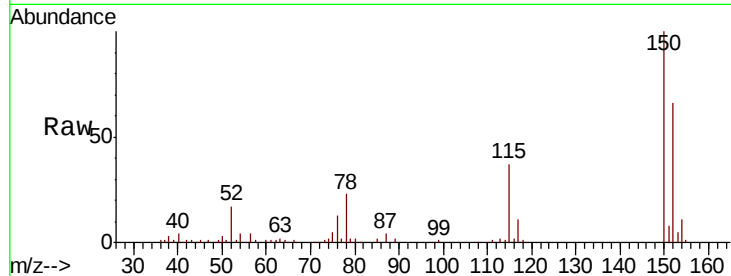


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG046632.D
 Acq: 15 Sep 2020 20:08

Instrument :
 BNA_G
 ClientSampleId :
 32-34

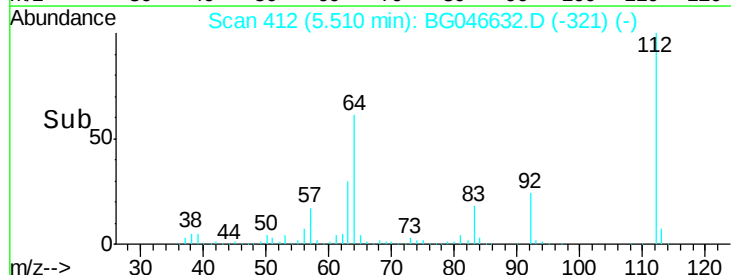
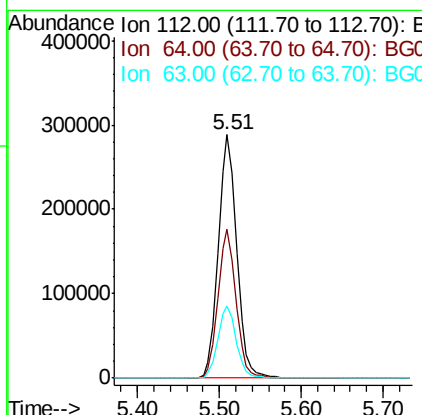
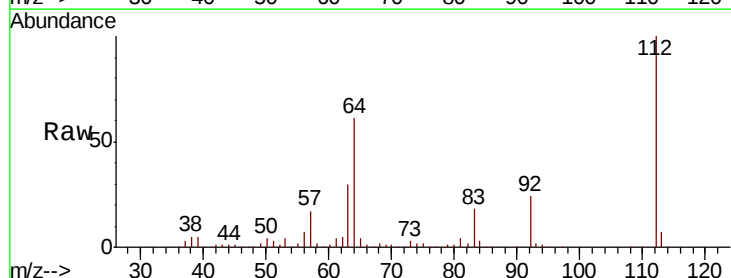
Tot Ion	152	Resp	69401
Ion Ratio	100	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	56.3	44.3	66.5



#5

2-Fluorophenol
 Concen: 116.186 ng
 RT: 5.51 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BG046632.D
 Acq: 15 Sep 2020 20:08

Tgt Ion	112	Resp	455256
Ion Ratio	100	Lower	Upper
112	100		
64	61.1	47.0	70.6
63	29.8	23.5	35.3





#7

Phenol-d6

Concen: 100.935 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

32-34

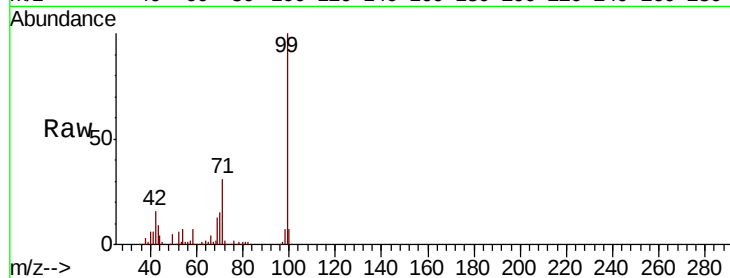
Tot Ion: 99 Resp: 560659

Ion Ratio Lower Upper

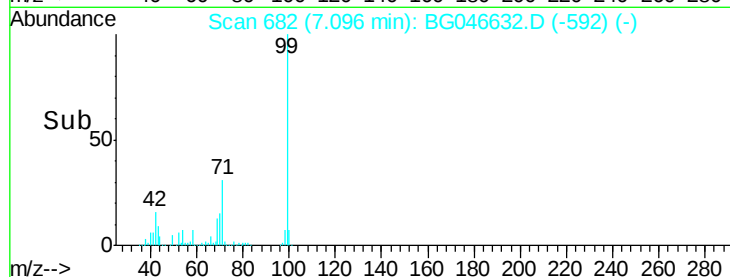
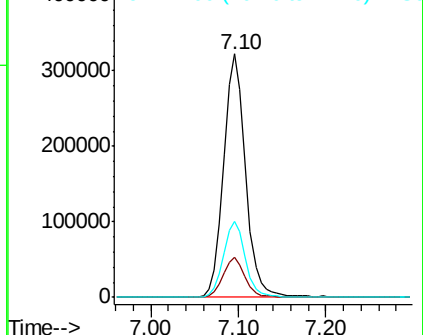
99 100

42 16.3 13.3 19.9

71 31.1 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: BG046632.D

Acq: 15 Sep 2020 20:08

Tgt Ion: 136 Resp: 297978

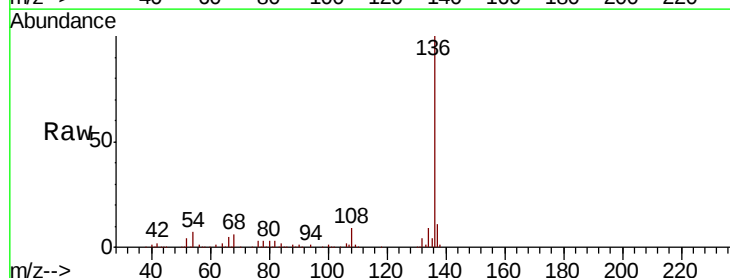
Ion Ratio Lower Upper

136 100

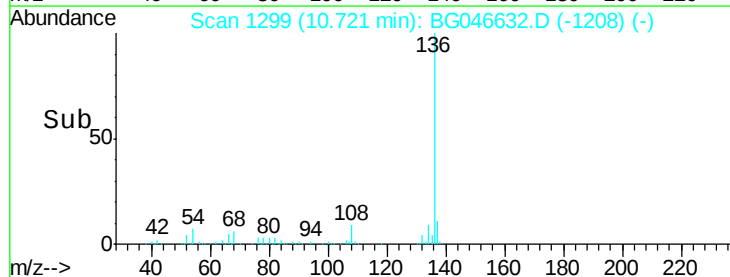
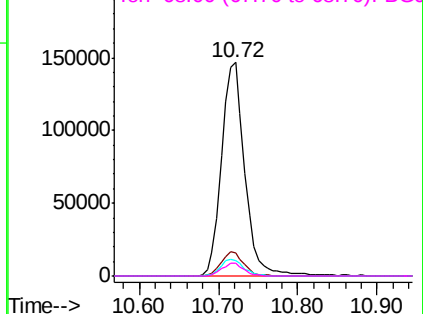
137 10.6 8.8 13.2

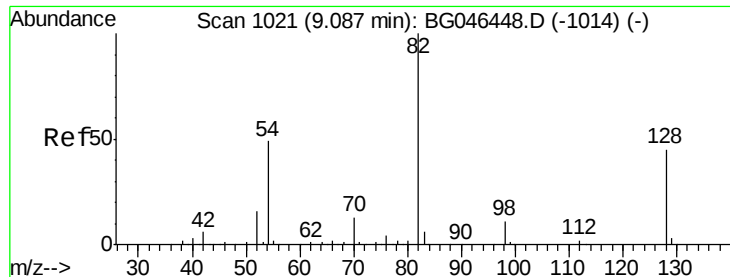
54 7.4 6.1 9.1

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

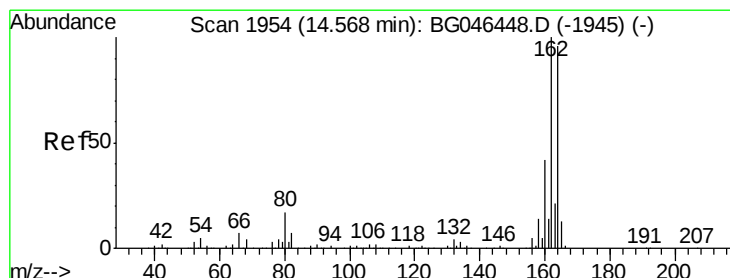
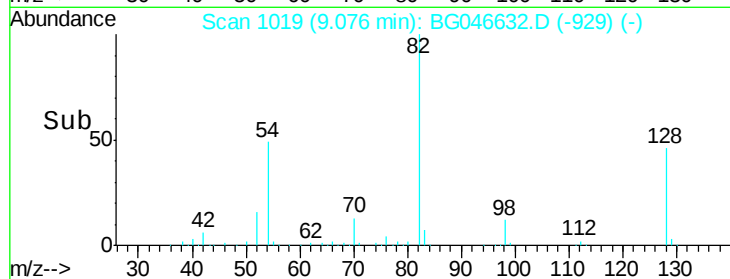
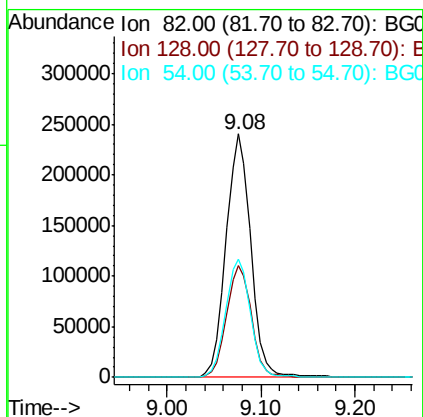
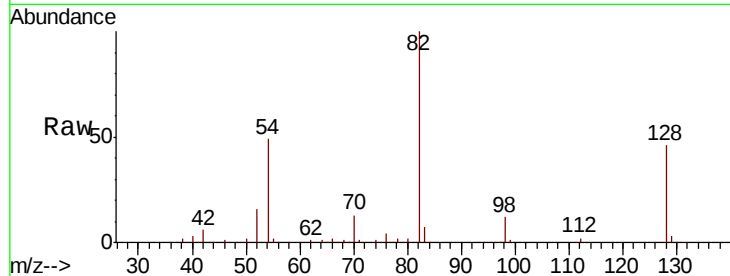




#23
 Nitrobenzene-d5
 Concen: 84.607 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046632.D
 Acq: 15 Sep 2020 20:08

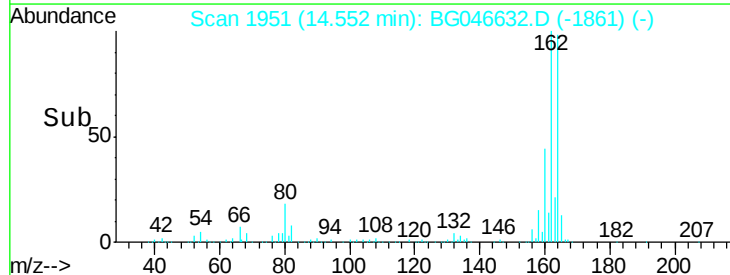
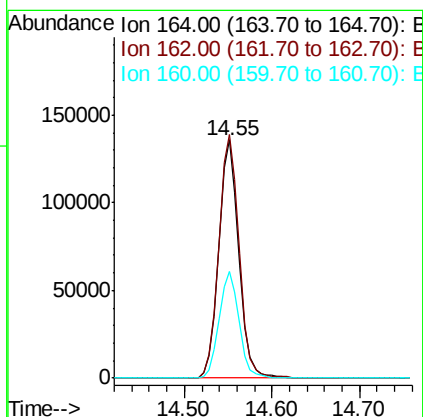
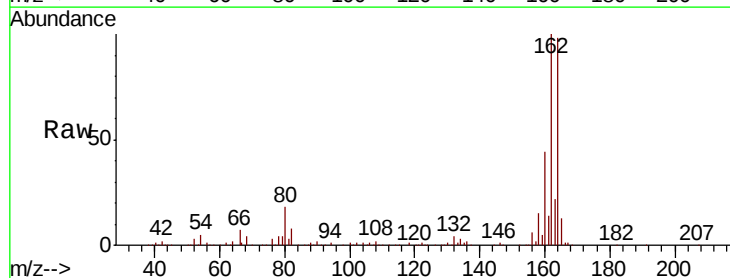
Instrument :
 BNA_G
 ClientSampleId :
 32-34

Tot Ion	82	Resp	441096
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.7	53.5
54	48.8	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046632.D
 Acq: 15 Sep 2020 20:08

Tgt Ion	164	Resp	215210
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.3	124.9
160	44.9	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 98.498 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

Instrument :

BNA_G

ClientSampled :

32-34

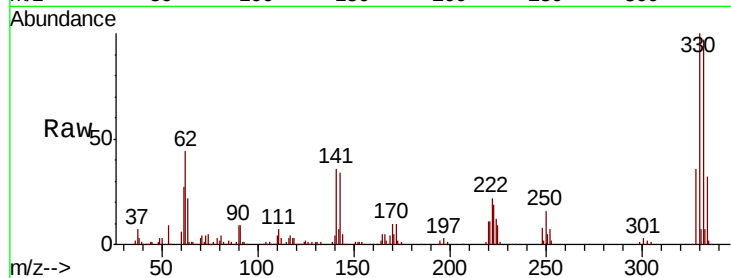
Tot Ion:330 Resp: 287215

Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

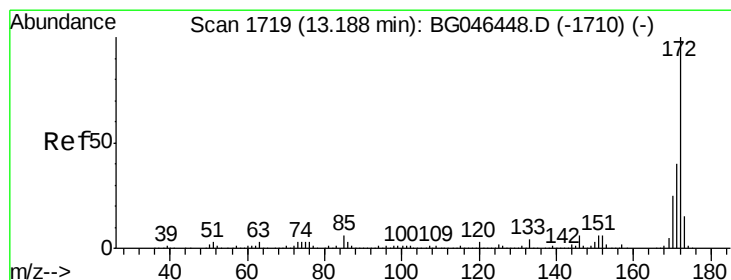
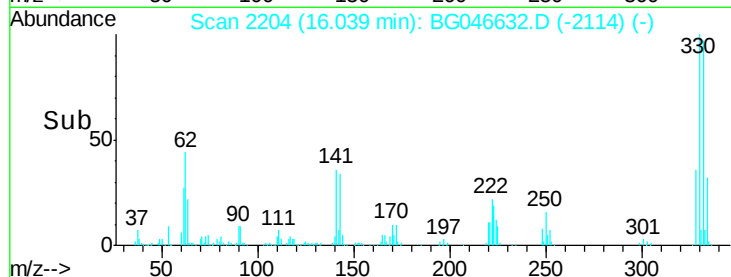
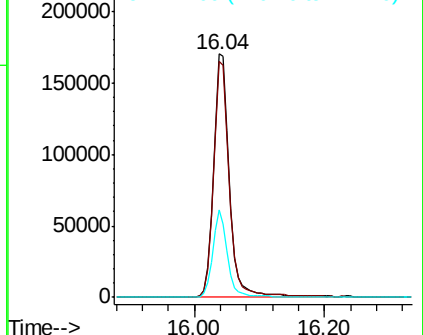
141 33.0 26.1 39.1



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: 86.099 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

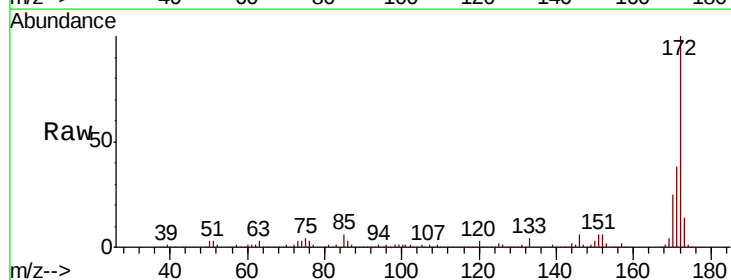
Tgt Ion:172 Resp: 1213791

Ion Ratio Lower Upper

172 100

171 37.8 31.8 47.6

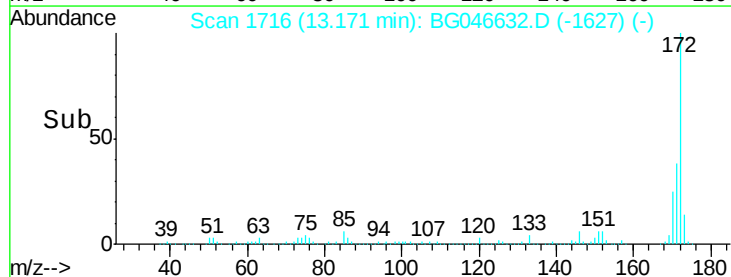
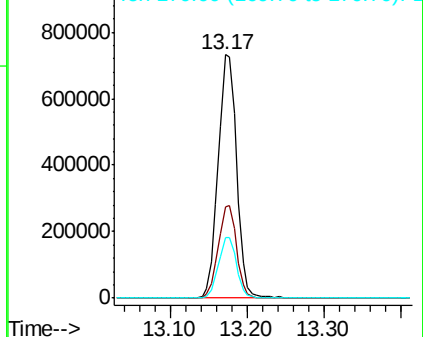
170 24.7 20.3 30.5

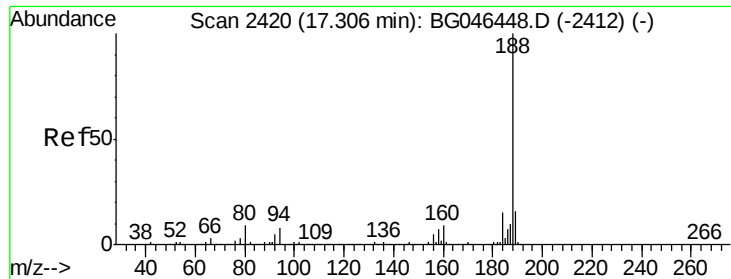


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

32-34

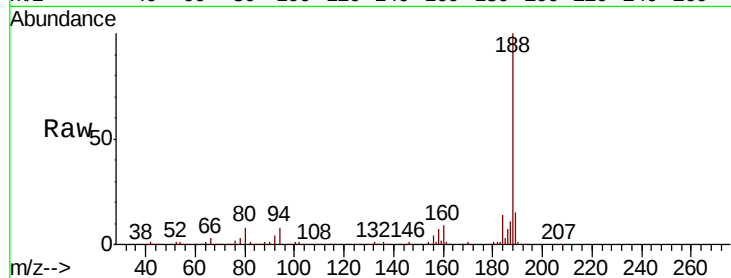
Tot Ion:188 Resp: 453915

Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

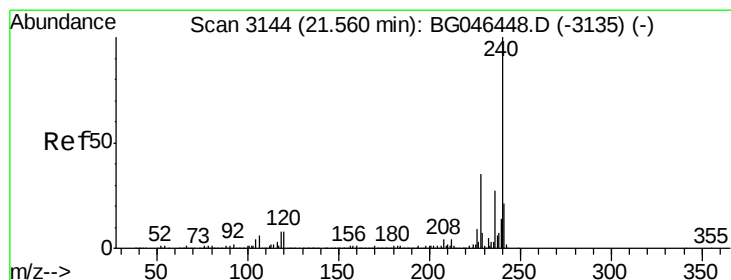
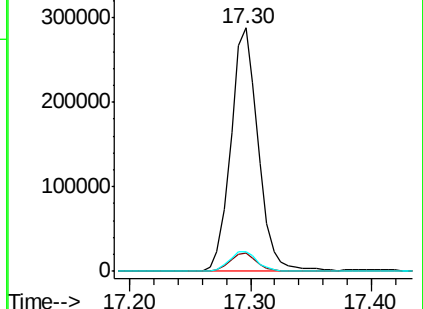
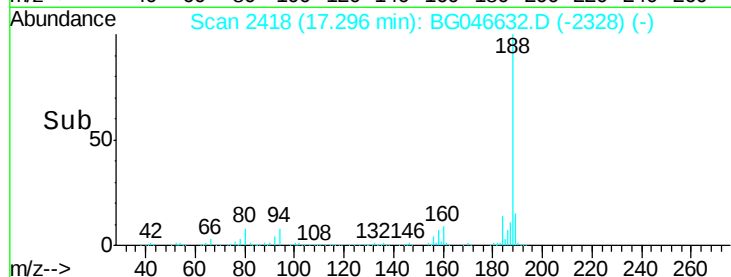
80 8.2 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

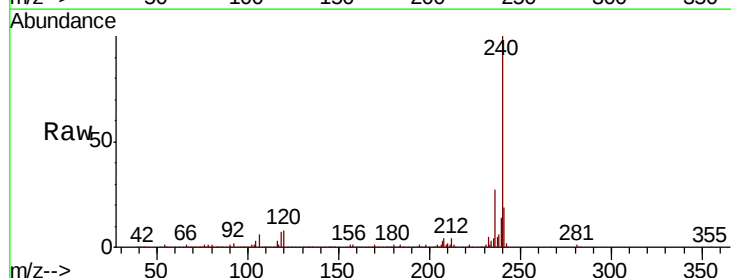
Tgt Ion:240 Resp: 472877

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

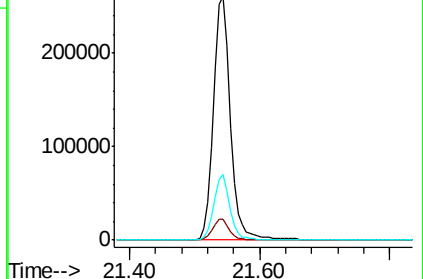
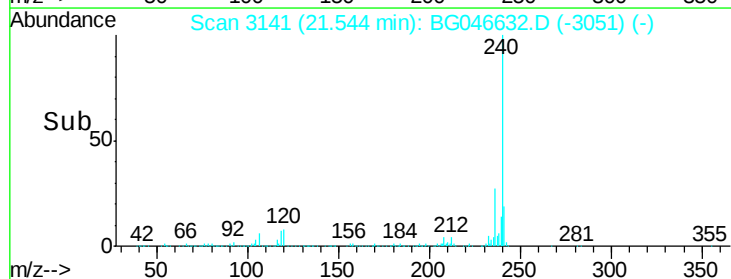
236 26.9 21.4 32.2

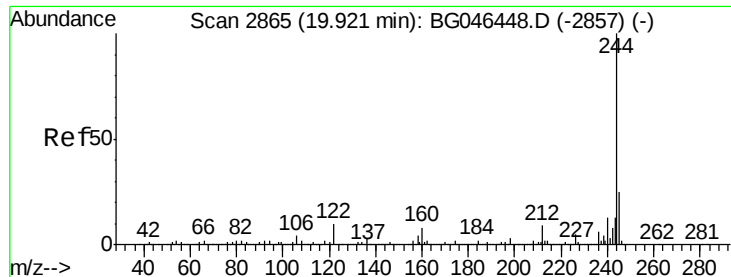


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.664 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

Instrument :

BNA_G

ClientSampleId :

32-34

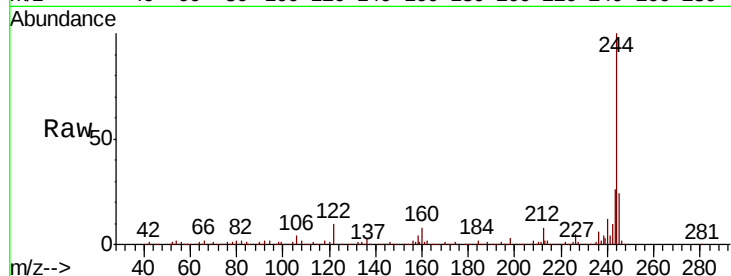
Tot Ion:244 Resp: 1659012

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

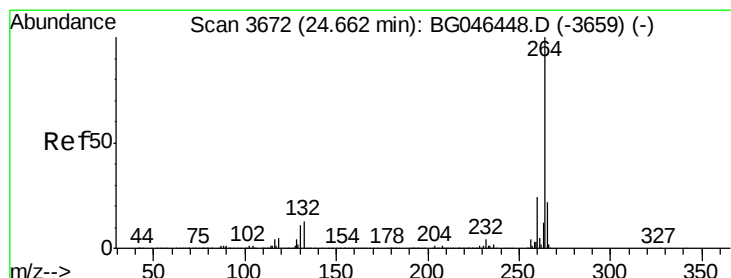
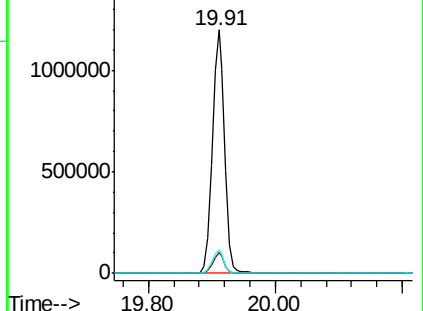
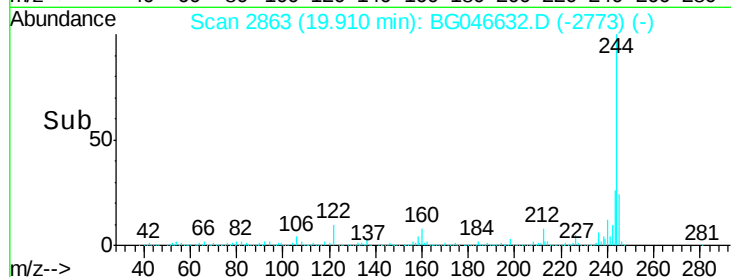
122 9.7 8.2 12.4



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: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG046632.D

Acq: 15 Sep 2020 20:08

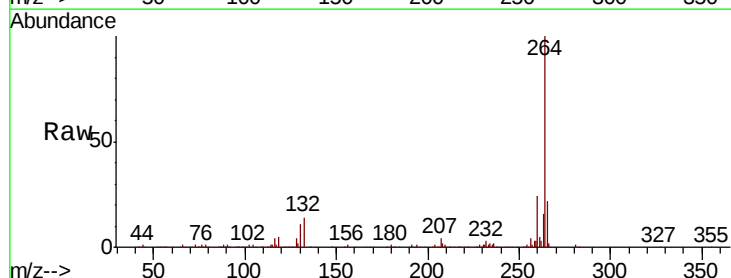
Tgt Ion:264 Resp: 452457

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 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

