

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
 Data File : BG046586.D
 Acq On : 10 Sep 2020 17:50
 Operator : CG/JU
 Sample : L3931-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-2

Quant Time: Sep 10 18:45:25 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	72719	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	285877	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	194042	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	468974	20.00	ng	0.00
76) Chrysene-d12	21.55	240	486841	20.00	ng	0.00
86) Perylene-d12	24.65	264	468717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	439436	107.03	ng	0.00
7) Phenol-d6	7.10	99	530169	91.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	412787	82.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	284250	108.12	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1065144	83.80	ng	0.00
79) Terphenyl-d14	19.92	244	1723212	75.33	ng	0.00

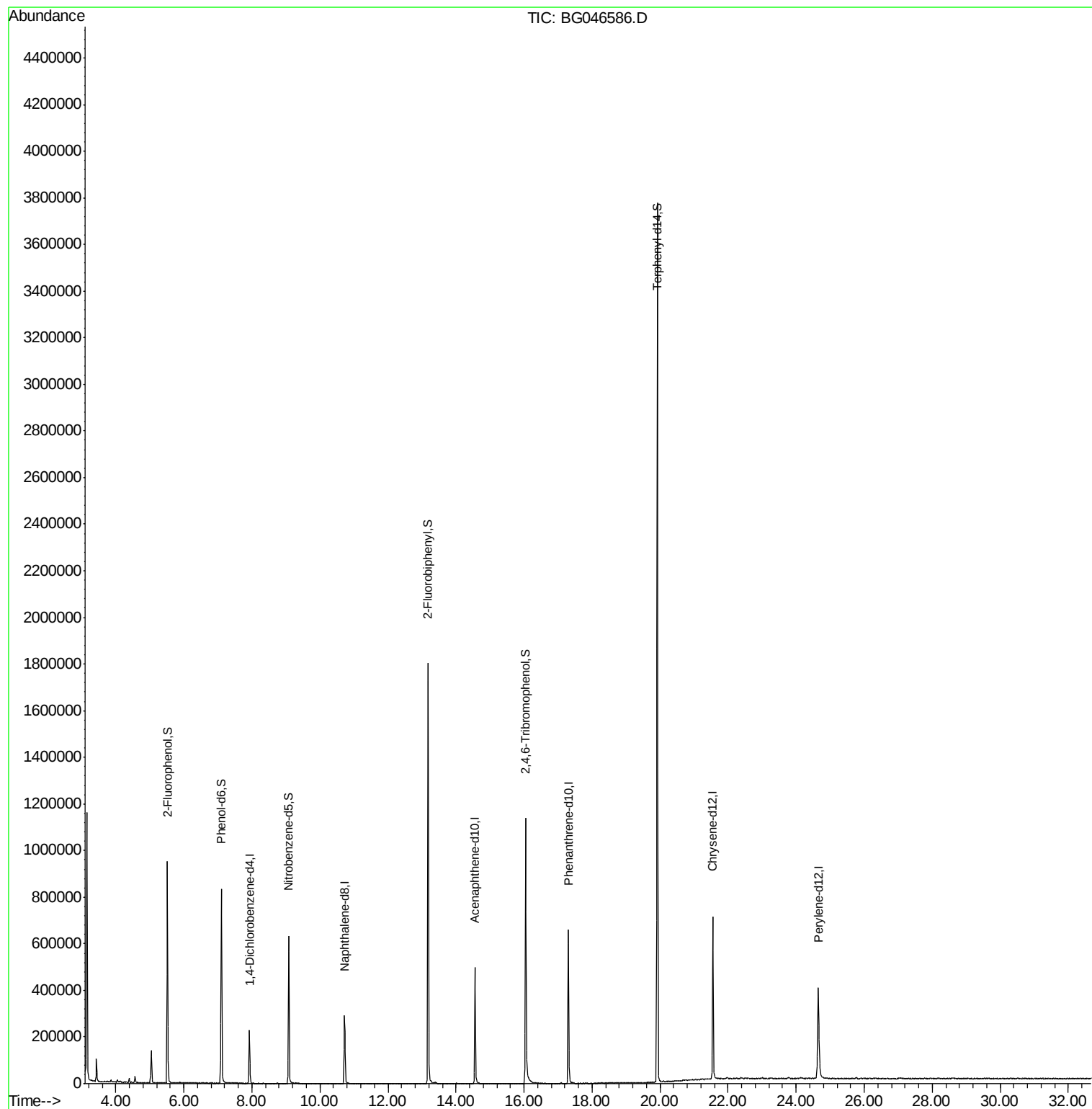
Target Compounds Qvalue

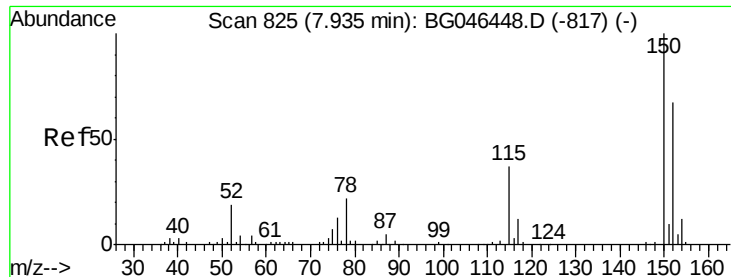
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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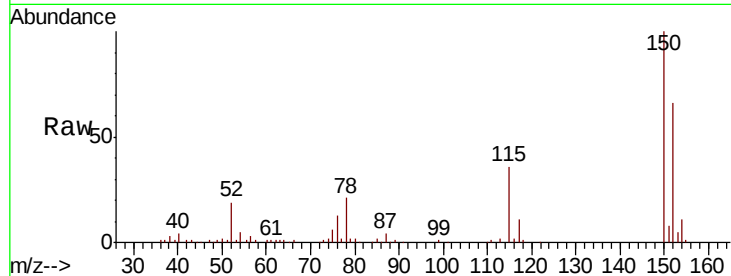


#1

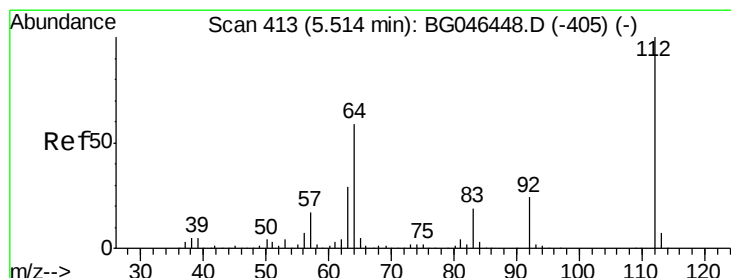
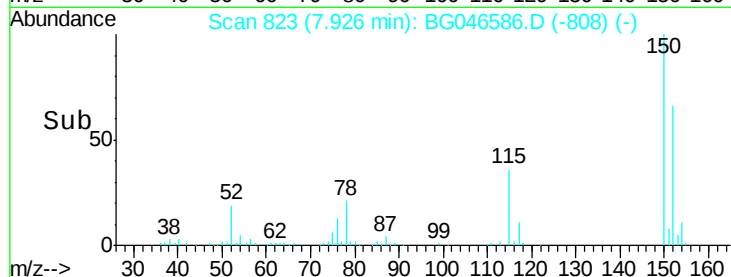
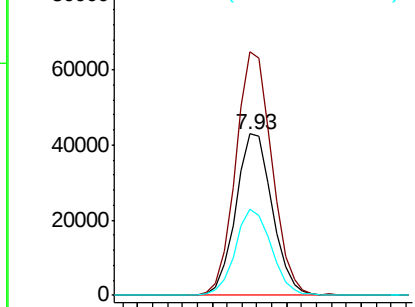
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampled :
 SP-1-2

Tot Ion:152 Resp: 72719
 Ion Ratio Lower Upper
 152 100
 150 150.7 119.5 179.3
 115 53.6 44.3 66.5



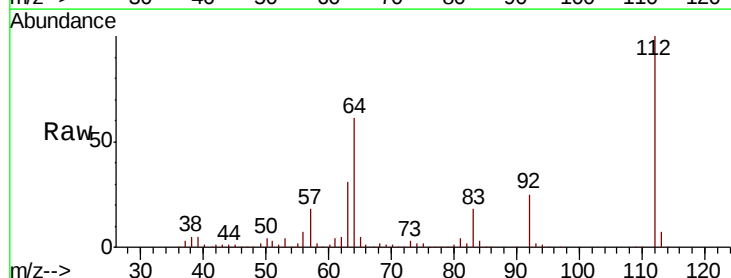
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



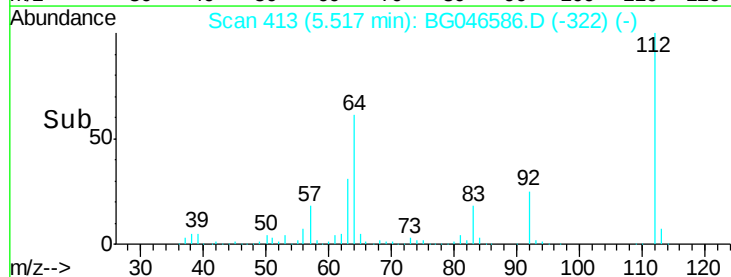
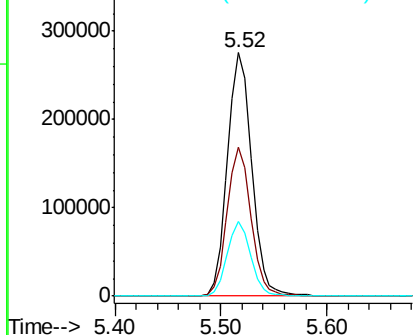
#5

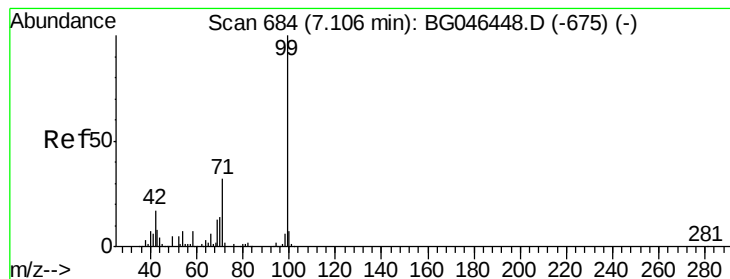
2-Fluorophenol
 Concen: 107.032 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

Tgt Ion:112 Resp: 439436
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.0 70.6
 63 30.6 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: 91.091 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046586.D

Acq: 10 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

SP-1-2

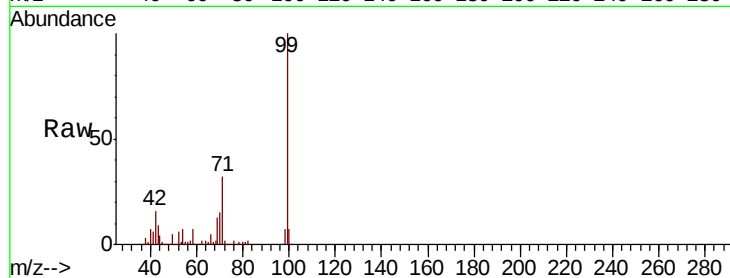
Tot Ion: 99 Resp: 530169

Ion Ratio Lower Upper

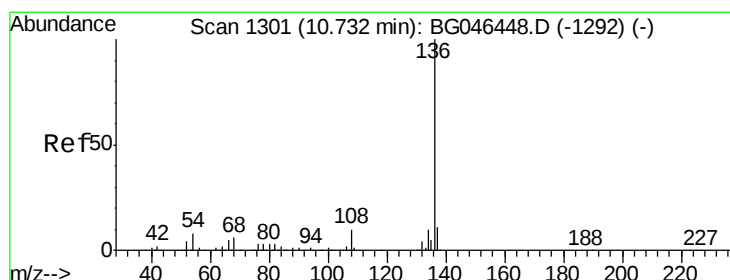
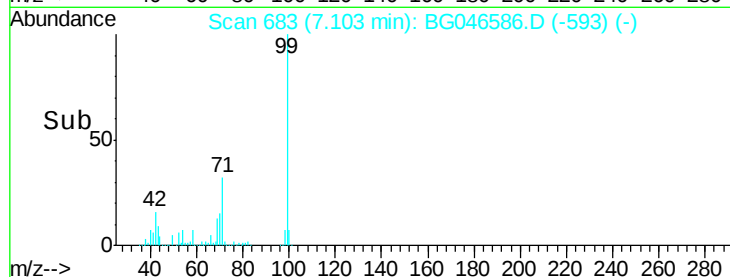
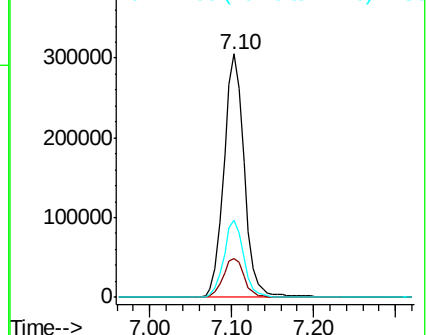
99 100

42 16.0 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: BG046586.D

Acq: 10 Sep 2020 17:50

Tgt Ion: 136 Resp: 285877

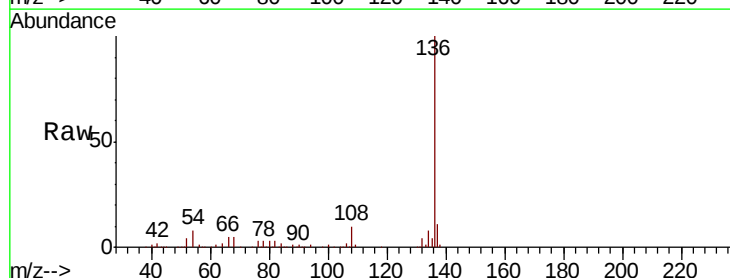
Ion Ratio Lower Upper

136 100

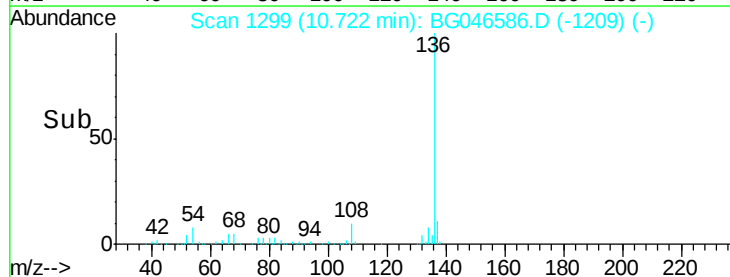
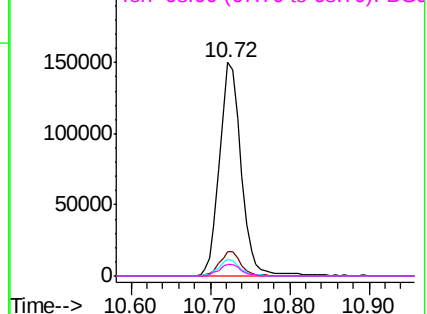
137 11.1 8.8 13.2

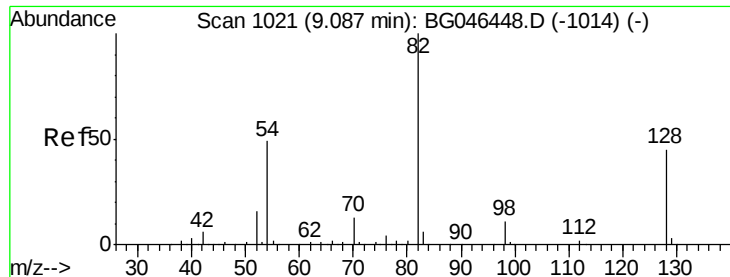
54 7.9 6.1 9.1

68 5.1 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

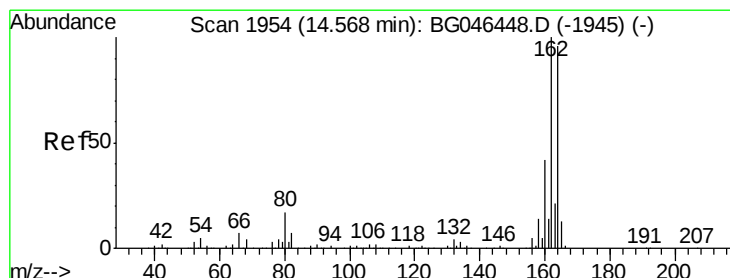
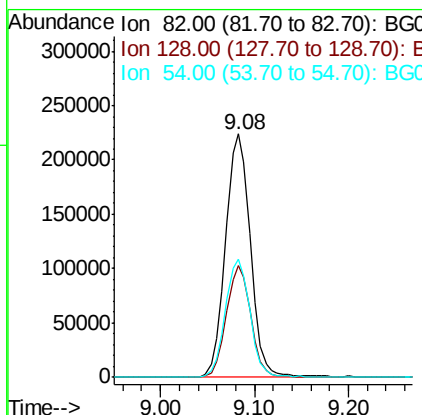
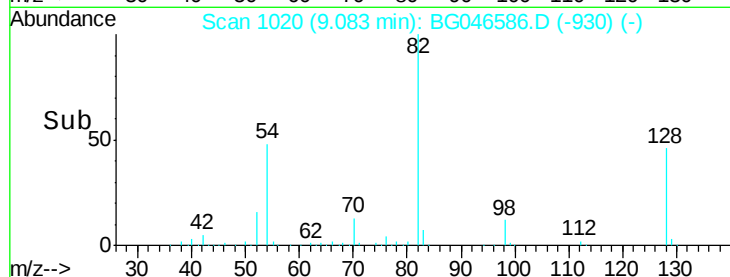
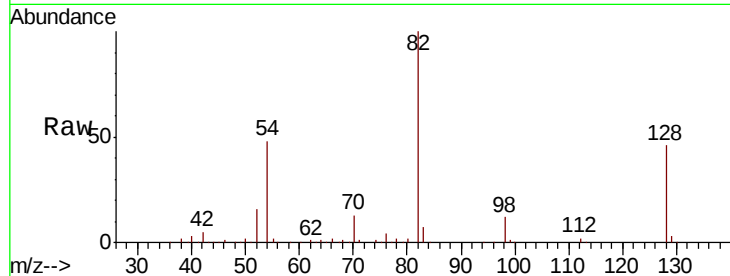




#23
 Nitrobenzene-d5
 Concen: 82.528 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

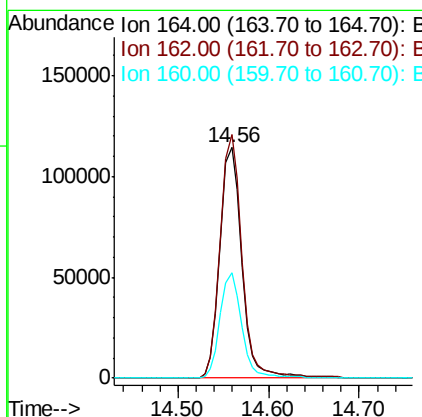
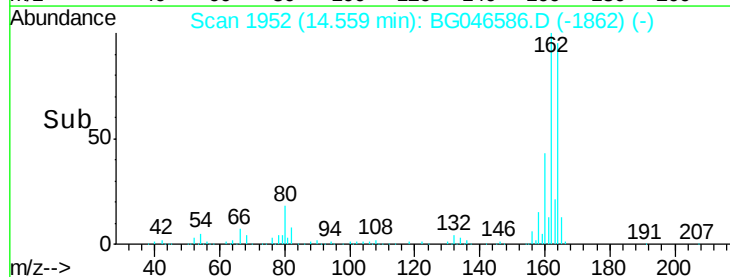
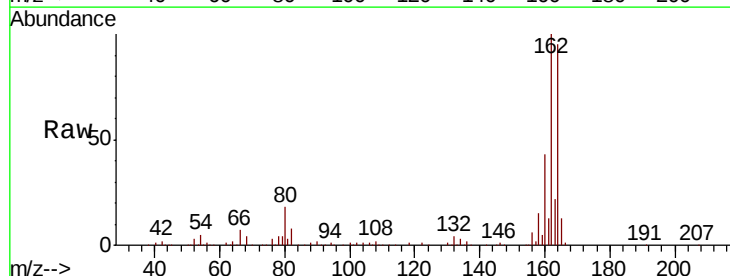
Instrument :
 BNA_G
 ClientSampled :
 SP-1-2

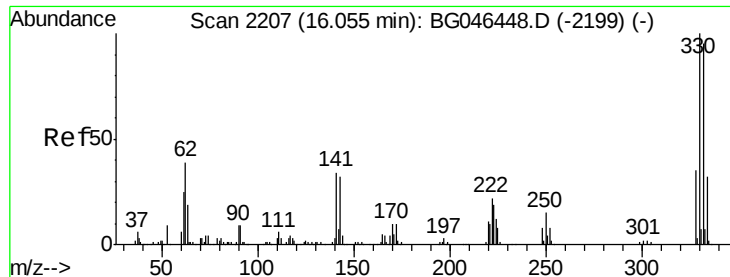
Tot Ion	82	Resp	412787
Ion Ratio	100	Lower	Upper
128	46.1	35.7	53.5
54	48.4	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

Tgt Ion	164	Resp	194042
Ion Ratio	100	Lower	Upper
162	105.8	83.3	124.9
160	45.7	35.0	52.6

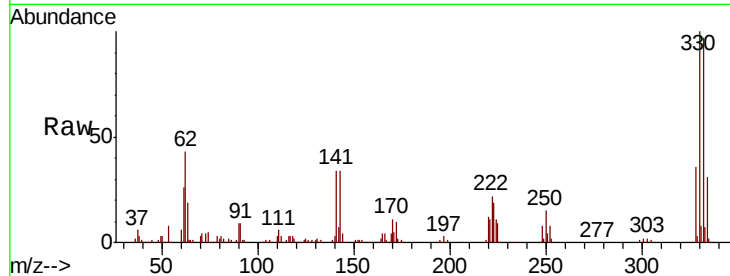




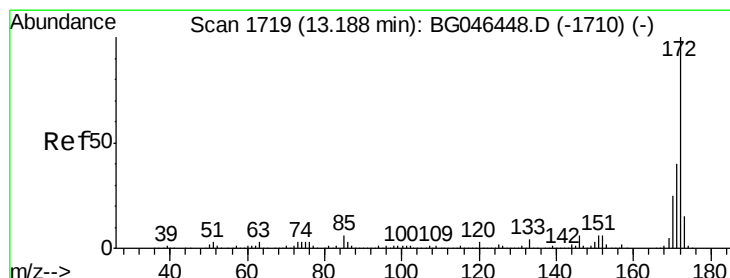
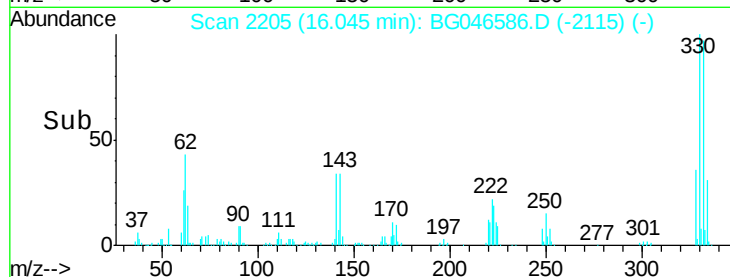
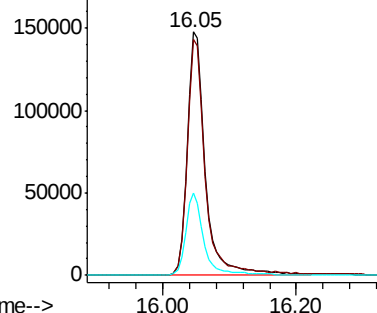
#42
 2,4,6-Tribromophenol
 Concen: 108.115 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-2

Tot Ion:330 Resp: 284250
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.1 114.1
 141 32.4 26.1 39.1

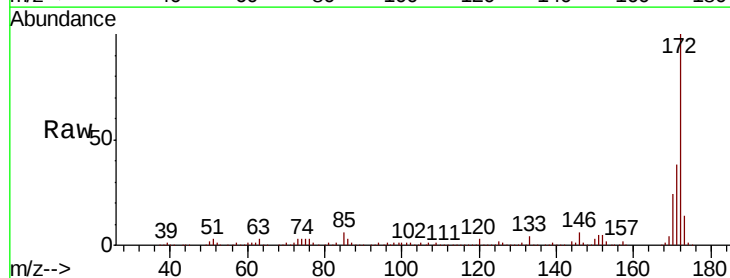


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

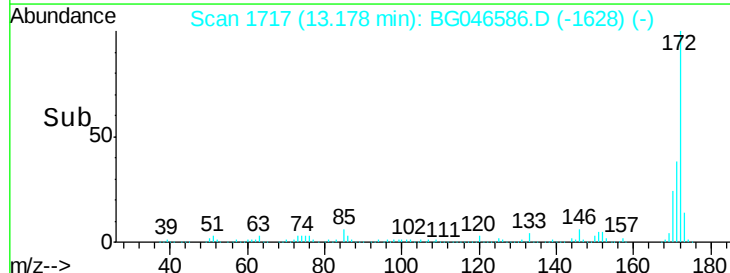
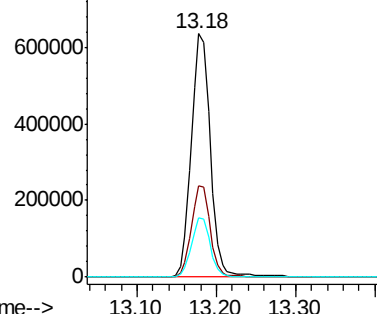


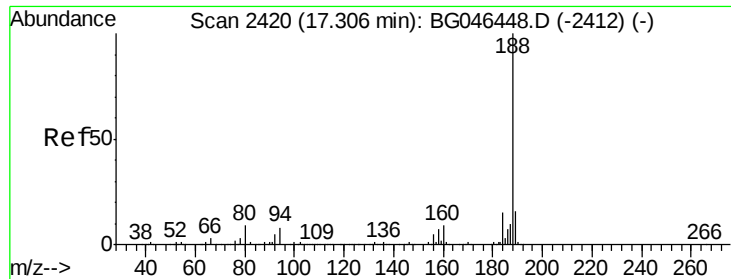
#45
 2-Fluorobiphenyl
 Concen: 83.797 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046586.D
 Acq: 10 Sep 2020 17:50

Tgt Ion:172 Resp: 1065144
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.8 47.6
 170 24.2 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. -0.00 min

Lab File: BG046586.D

Acq: 10 Sep 2020 17:50

Instrument :

BNA_G

ClientSampleId :

SP-1-2

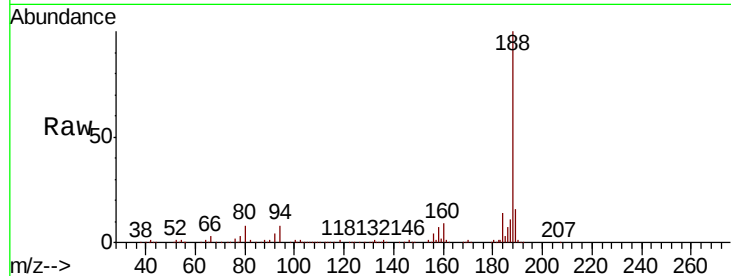
Tot Ion:188 Resp: 468974

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

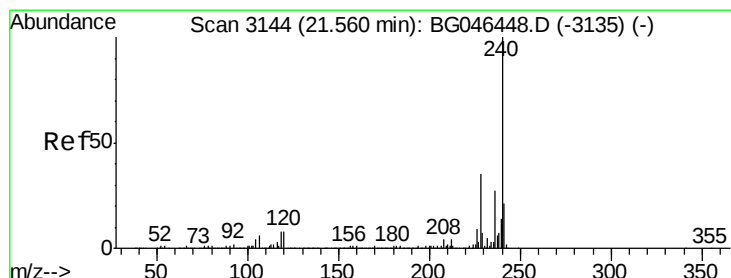
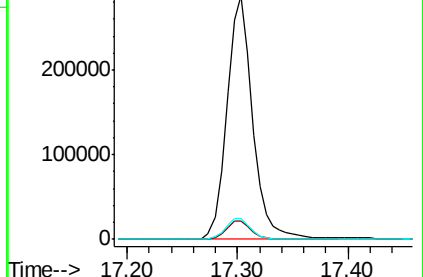
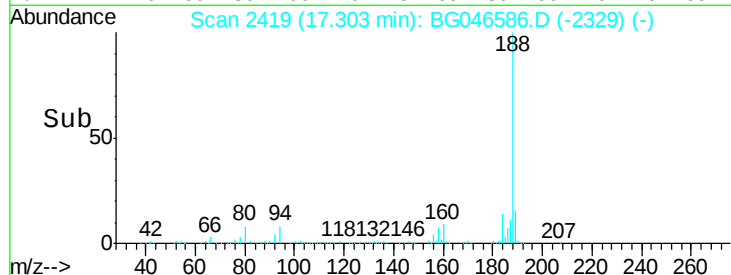
80 8.4 6.9 10.3



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: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046586.D

Acq: 10 Sep 2020 17:50

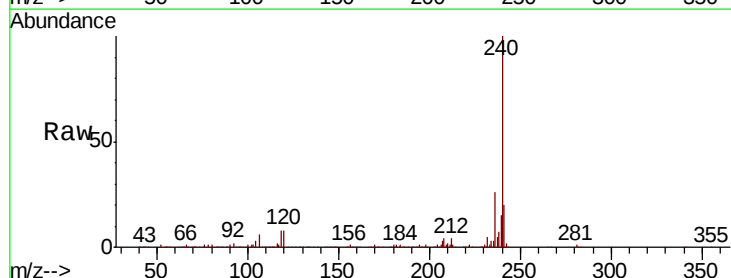
Tgt Ion:240 Resp: 486841

Ion Ratio Lower Upper

240 100

120 8.3 6.6 10.0

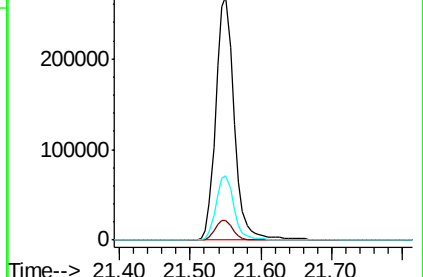
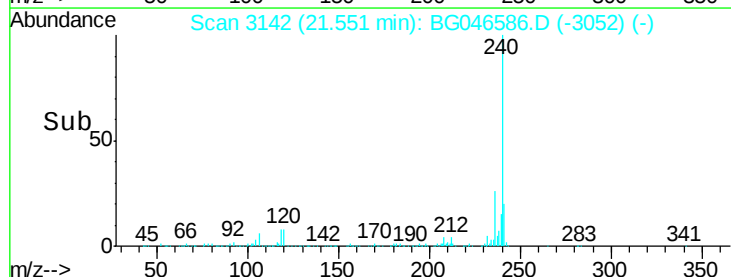
236 26.5 21.4 32.2

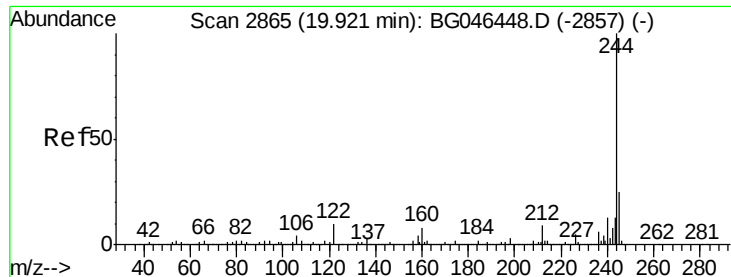


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.329 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046586.D

Acq: 10 Sep 2020 17:50

Instrument :

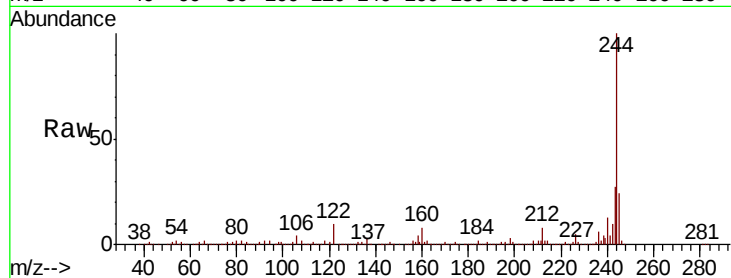
BNA_G

ClientSampleId :

SP-1-2

Tot Ion:244 Resp: 1723212

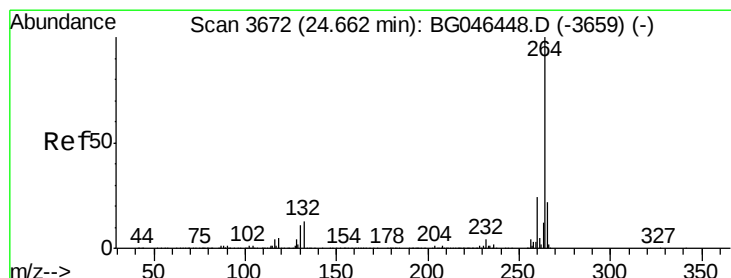
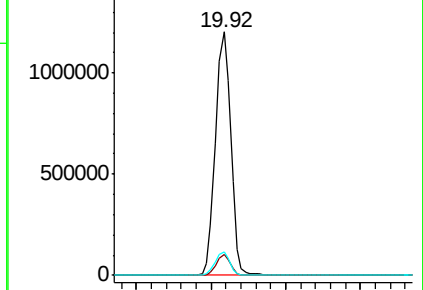
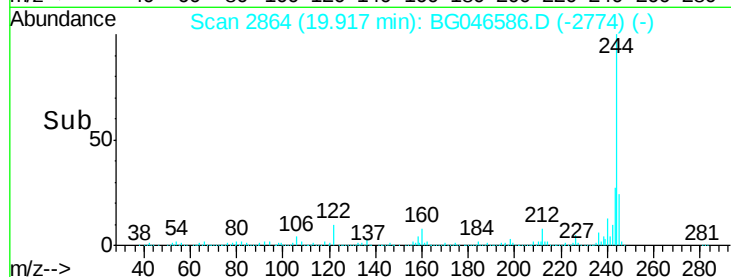
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	9.7	8.2	12.4



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: 24.65 min Scan# 3669

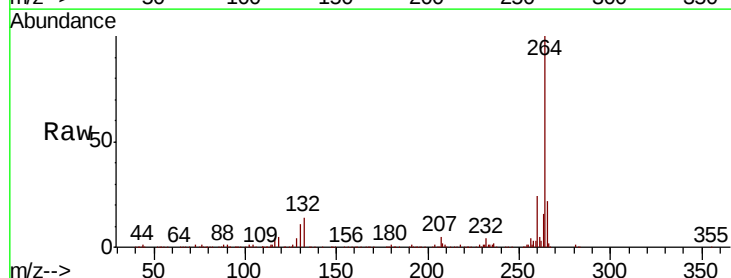
Delta R.T. -0.01 min

Lab File: BG046586.D

Acq: 10 Sep 2020 17:50

Tgt Ion:264 Resp: 468717

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	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

