

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046648.D
 Acq On : 16 Sep 2020 20:02
 Operator : CG/JU
 Sample : L3868-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520

Quant Time: Sep 17 00:55:54 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 16 11:07:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	68540	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	282963	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	196606	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	435906	20.00	ng	0.00
76) Chrysene-d12	21.54	240	447474	20.00	ng	0.00
86) Perylene-d12	24.64	264	440044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	443071	114.50	ng	0.00
7) Phenol-d6	7.09	99	547644	99.83	ng	0.00
23) Nitrobenzene-d5	9.07	82	443140	89.51	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	300678	112.87	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1149007	89.22	ng	0.00
79) Terphenyl-d14	19.91	244	1713114	81.48	ng	0.00

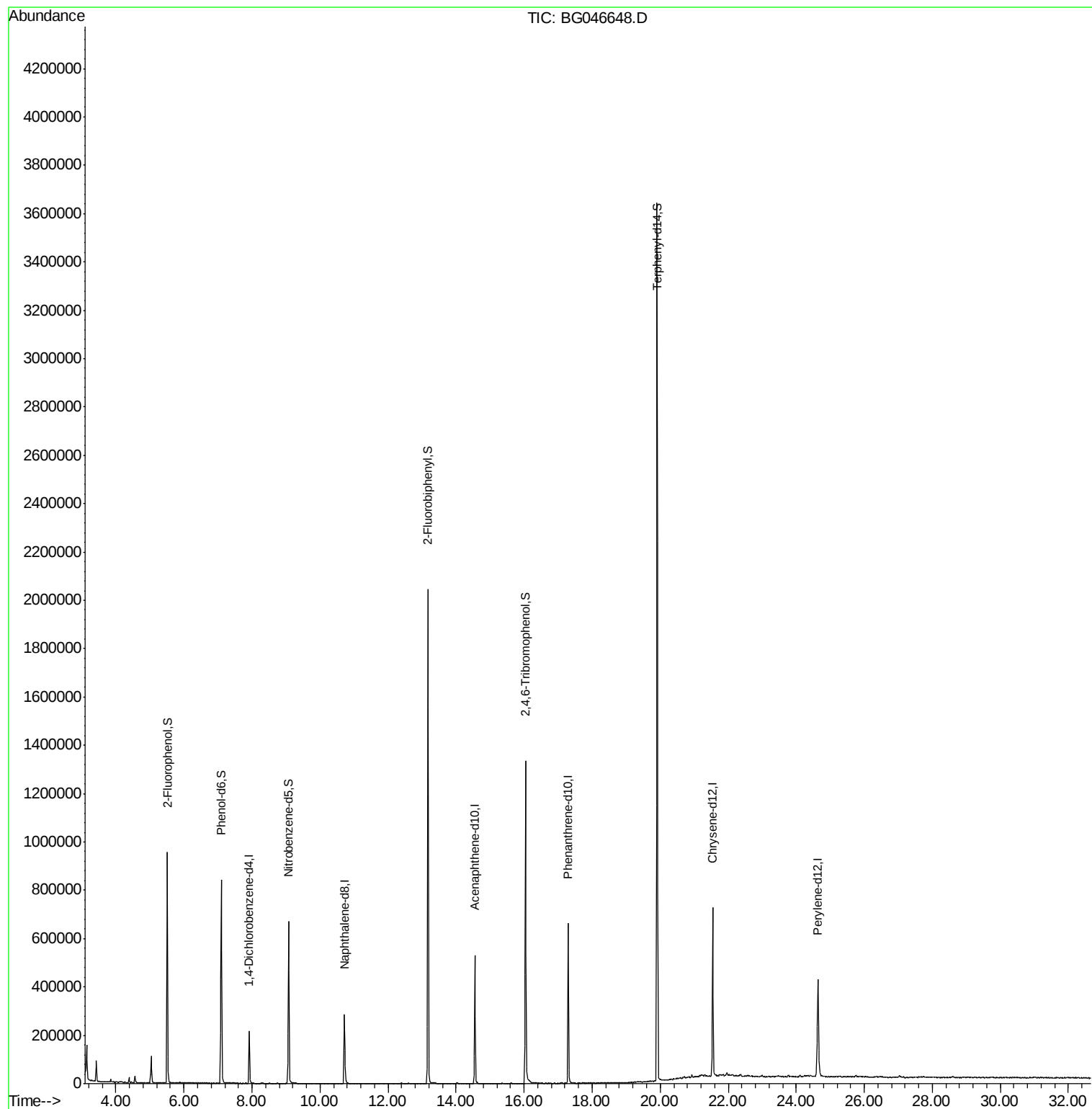
Target Compounds Qvalue

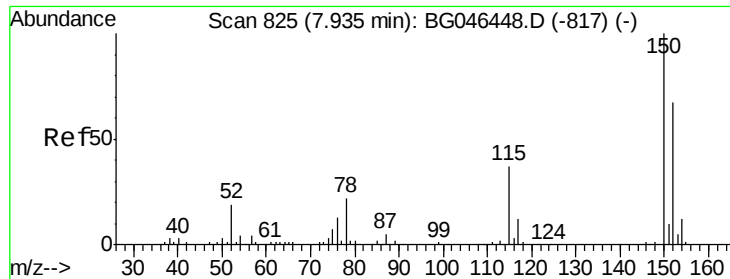
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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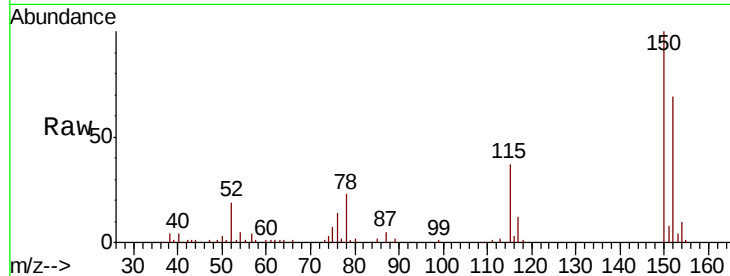


#1

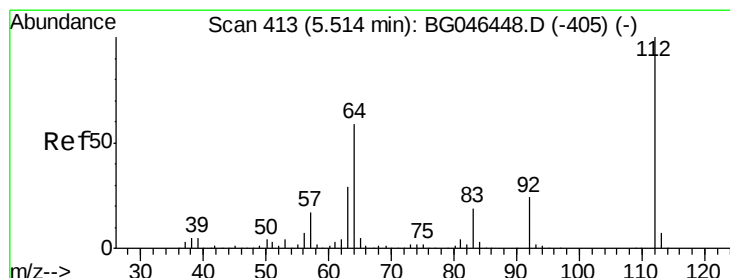
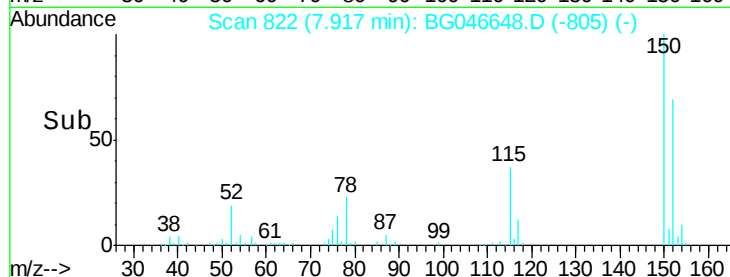
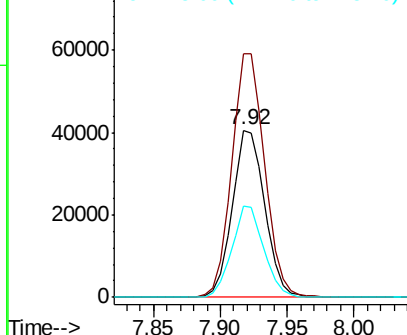
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046648.D
Acq: 16 Sep 2020 20:02

Instrument :
BNA_G
ClientSampleId :
PL-02-091520

Tot Ion:152 Resp: 68540
Ion Ratio Lower Upper
152 100
150 145.8 125.0 187.6
115 54.5 41.8 62.6



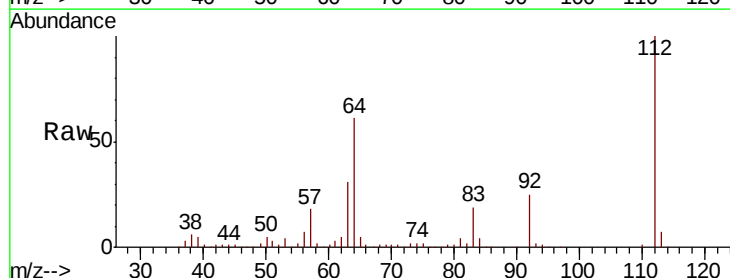
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



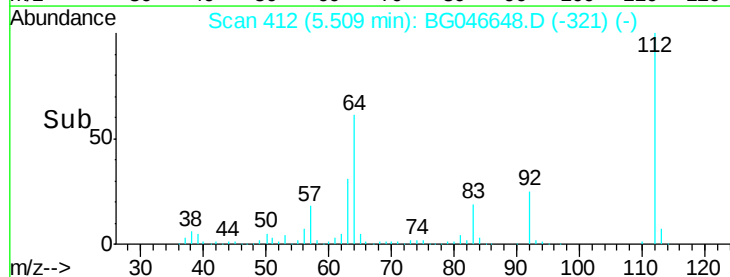
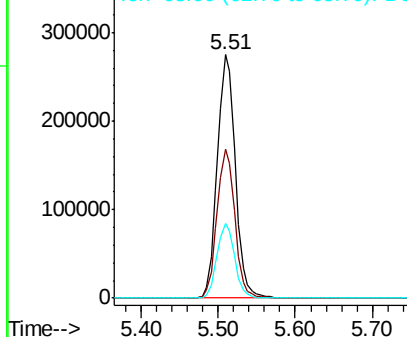
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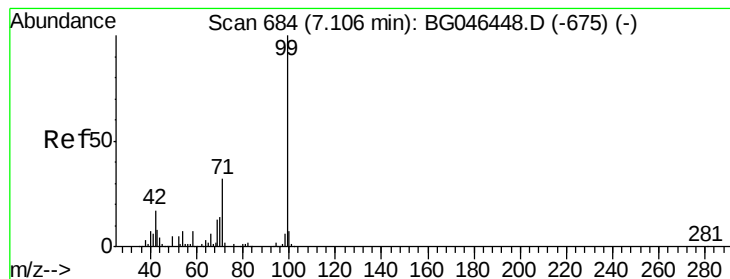
2-Fluorophenol
Concen: 114.497 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG046648.D
Acq: 16 Sep 2020 20:02

Tgt Ion:112 Resp: 443071
Ion Ratio Lower Upper
112 100
64 61.0 46.7 70.1
63 30.7 22.8 34.2



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: 99.830 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

Instrument :

BNA_G

ClientSampleId :

PL-02-091520

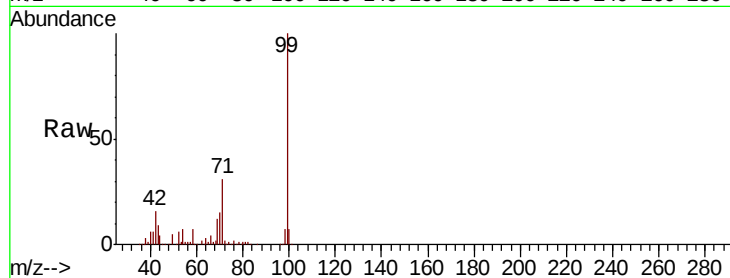
Tot Ion: 99 Resp: 547644

Ion Ratio Lower Upper

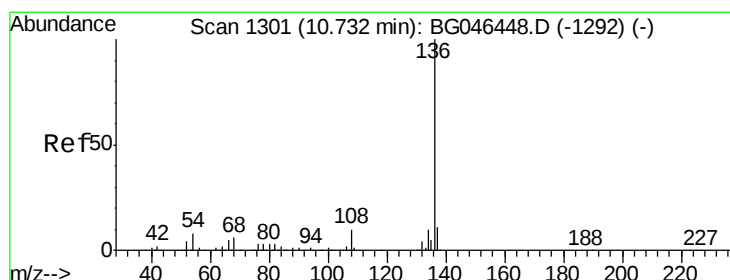
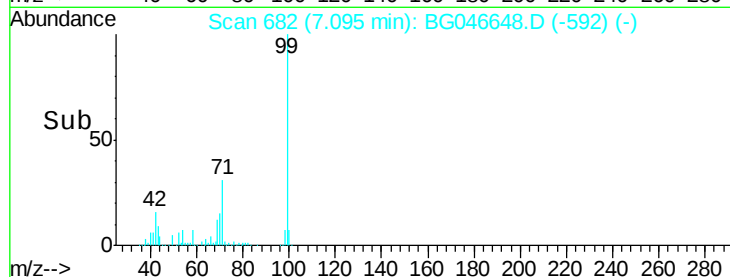
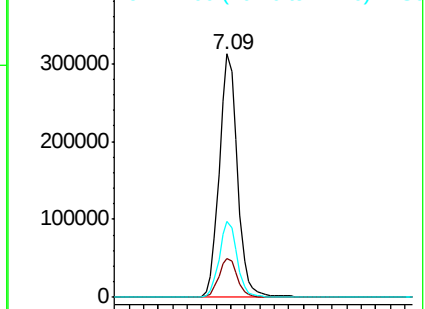
99 100

42 16.1 12.8 19.2

71 31.1 24.6 36.8



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. 0.01 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

Tgt Ion: 136 Resp: 282963

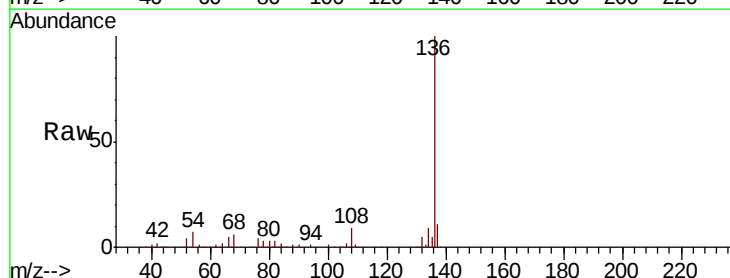
Ion Ratio Lower Upper

136 100

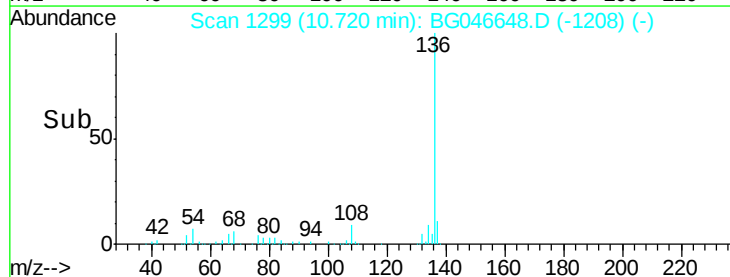
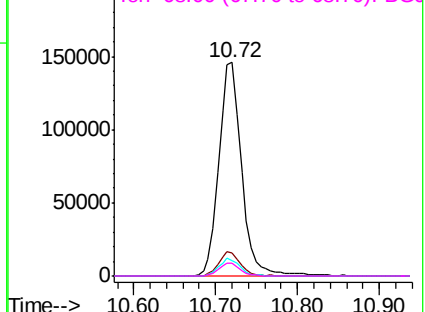
137 11.0 9.1 13.7

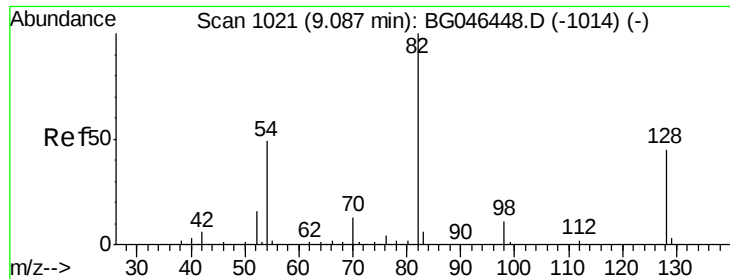
54 7.3 6.2 9.4

68 6.3 5.0 7.4



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

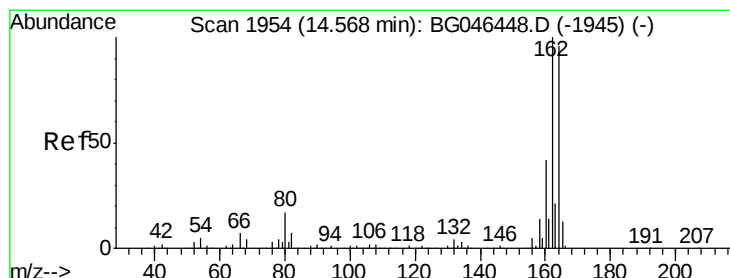
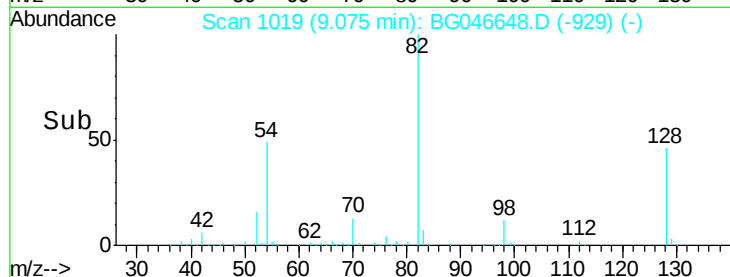
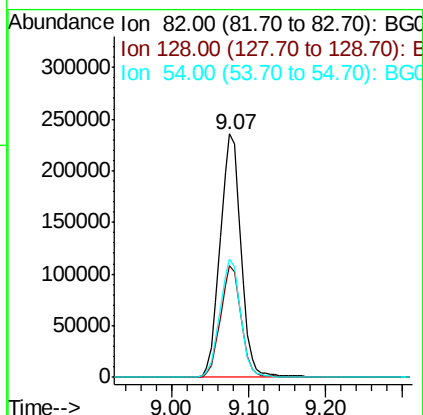
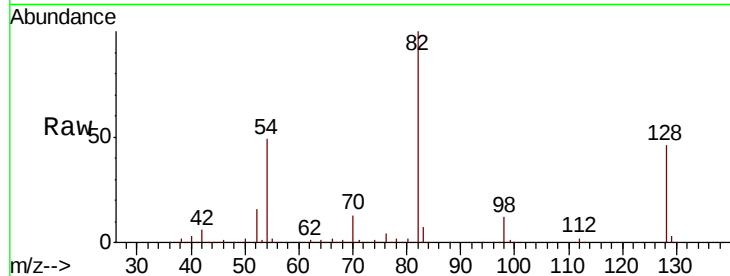




#23
 Nitrobenzene-d5
 Concen: 89.509 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046648.D
 Acq: 16 Sep 2020 20:02

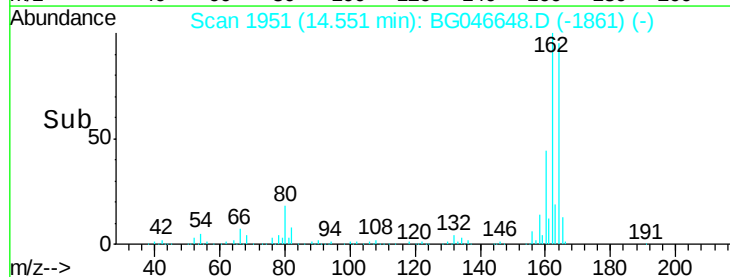
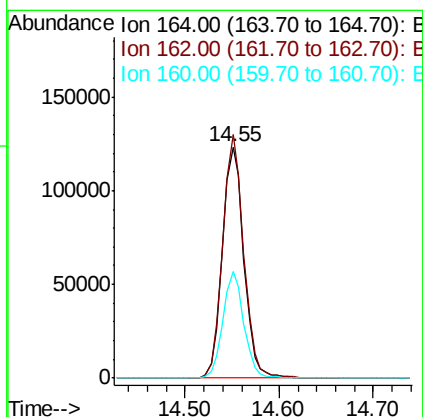
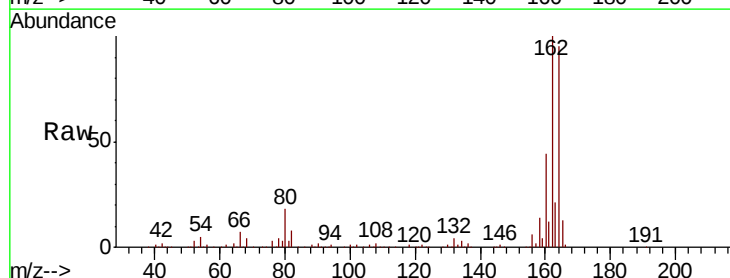
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-091520

Tot Ion: 82 Resp: 443140
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.0 55.6
 54 48.7 39.0 58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046648.D
 Acq: 16 Sep 2020 20:02

Tgt Ion: 164 Resp: 196606
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.3 123.5
 160 46.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 112.872 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

Instrument :

BNA_G

ClientSampleId :

PL-02-091520

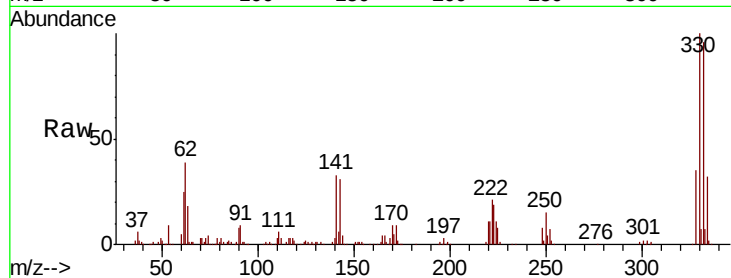
Tot Ion:330 Resp: 300678

Ion Ratio Lower Upper

330 100

332 95.7 76.5 114.7

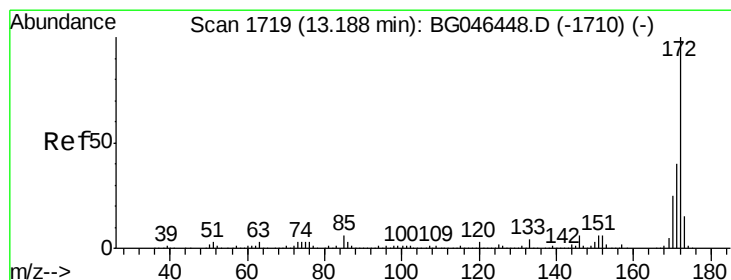
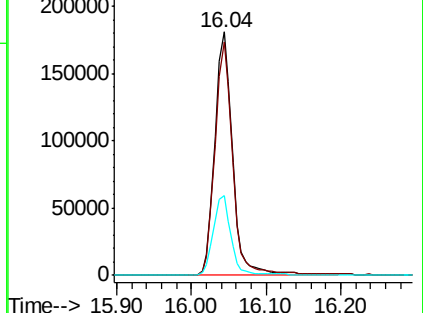
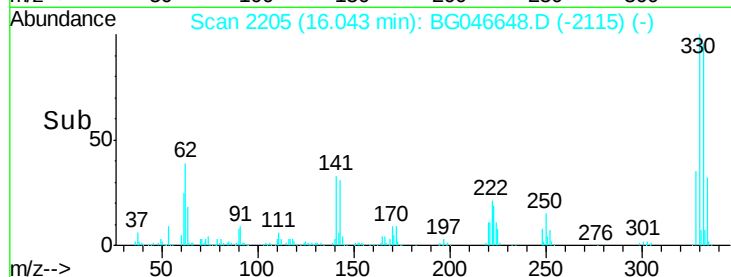
141 33.2 26.0 39.0



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: 89.216 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

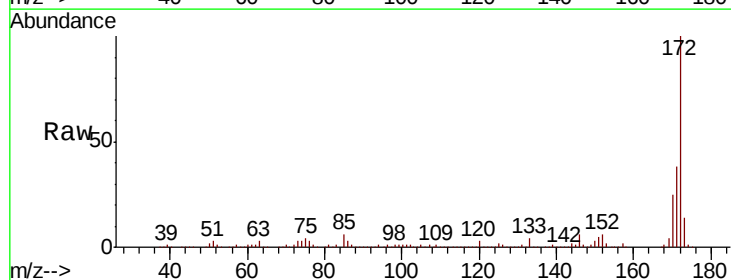
Tgt Ion:172 Resp: 1149007

Ion Ratio Lower Upper

172 100

171 37.7 31.3 46.9

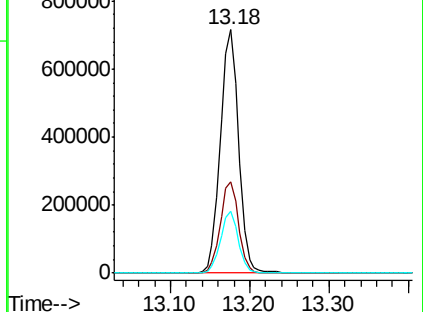
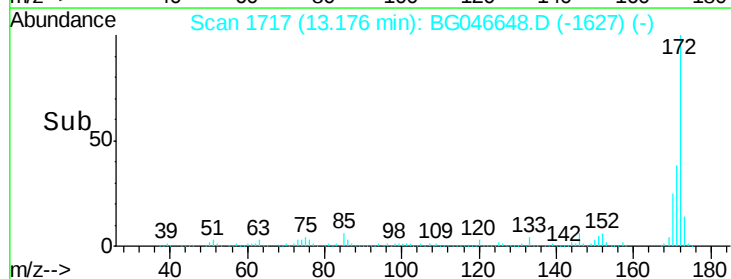
170 25.3 20.8 31.2

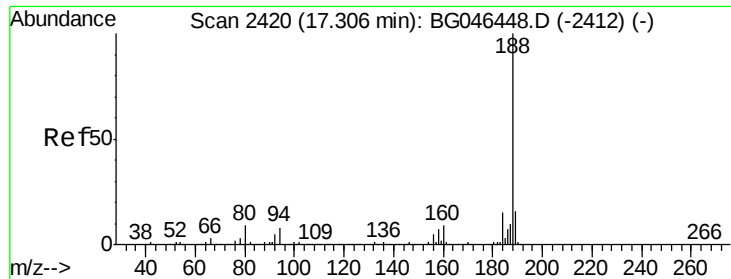


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

Instrument :

BNA_G

ClientSampleId :

PL-02-091520

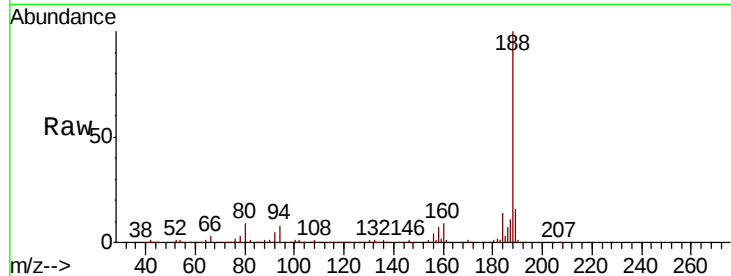
Tot Ion:188 Resp: 435906

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

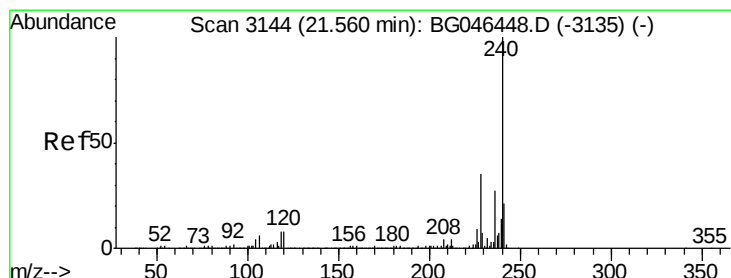
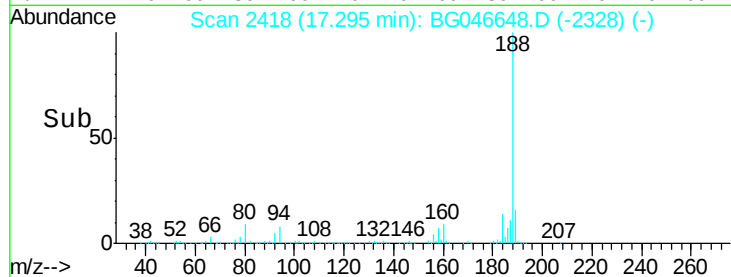
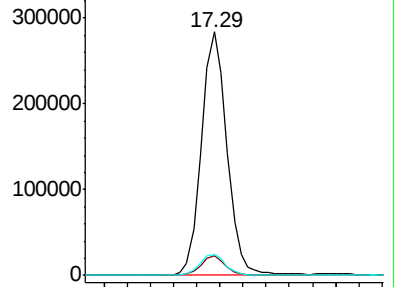
80 8.6 7.0 10.6



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: BG046648.D

Acq: 16 Sep 2020 20:02

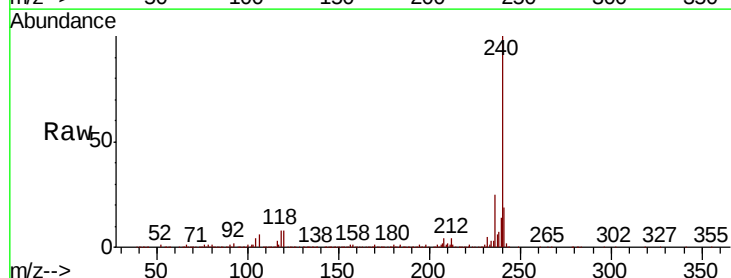
Tgt Ion:240 Resp: 447474

Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.4

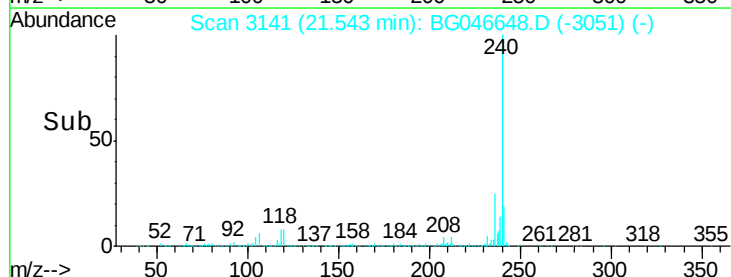
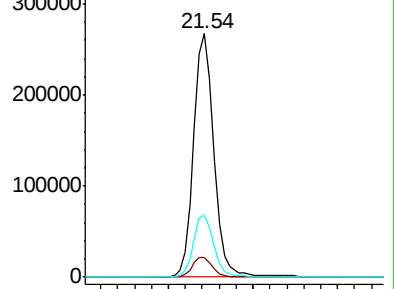
236 25.3 20.5 30.7

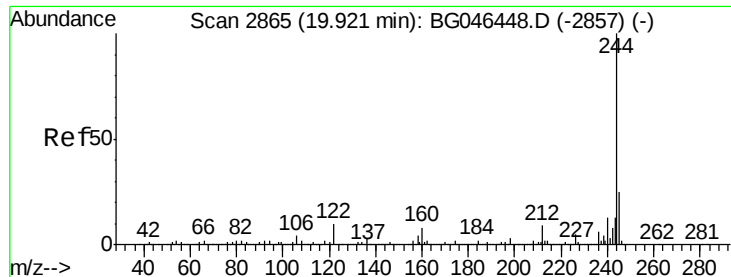


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.475 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

Instrument :

BNA_G

ClientSampleId :

PL-02-091520

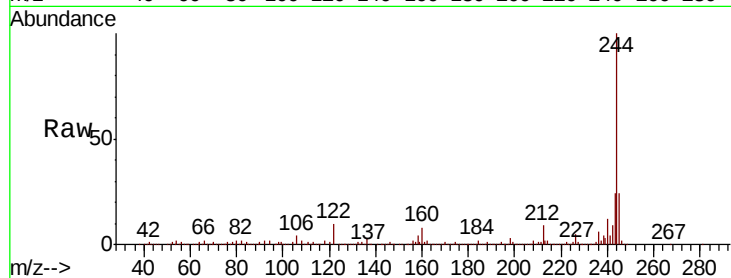
Tot Ion:244 Resp: 1713114

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

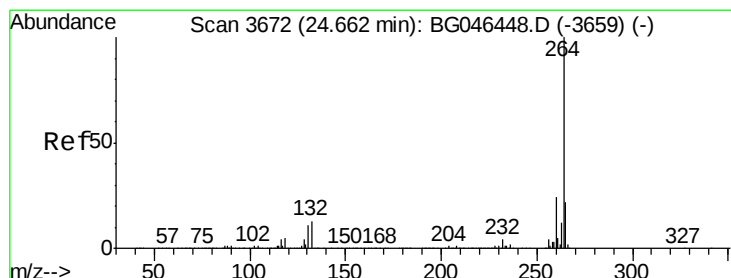
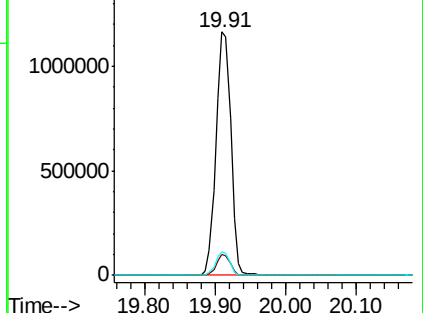
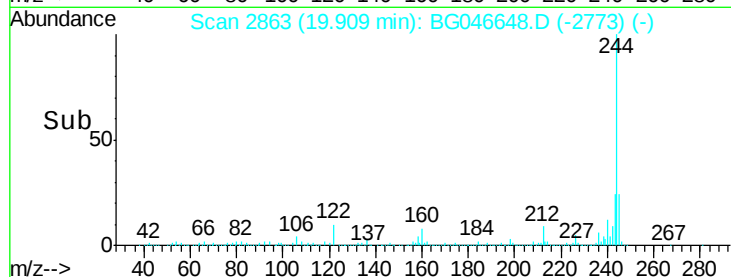
122 9.8 7.8 11.6



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: 24.64 min Scan# 3668

Delta R.T. 0.01 min

Lab File: BG046648.D

Acq: 16 Sep 2020 20:02

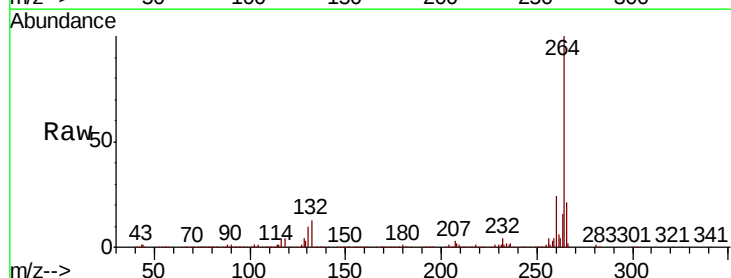
Tgt Ion:264 Resp: 440044

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.3 17.8 26.8



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

