

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091720\
 Data File : BG046667.D
 Acq On : 17 Sep 2020 19:11
 Operator : CG/JU
 Sample : L4021-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Sep 17 19:46:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	46838	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196041	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	146748	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	402536	20.00	ng	0.00
76) Chrysene-d12	21.54	240	440777	20.00	ng	0.00
86) Perylene-d12	24.64	264	431720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	189095	71.51	ng	0.00
7) Phenol-d6	7.10	99	163506	43.62	ng	0.00
23) Nitrobenzene-d5	9.08	82	334029	97.39	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	276625	139.12	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	862280	89.70	ng	0.00
79) Terphenyl-d14	19.91	244	1858879	89.75	ng	0.00

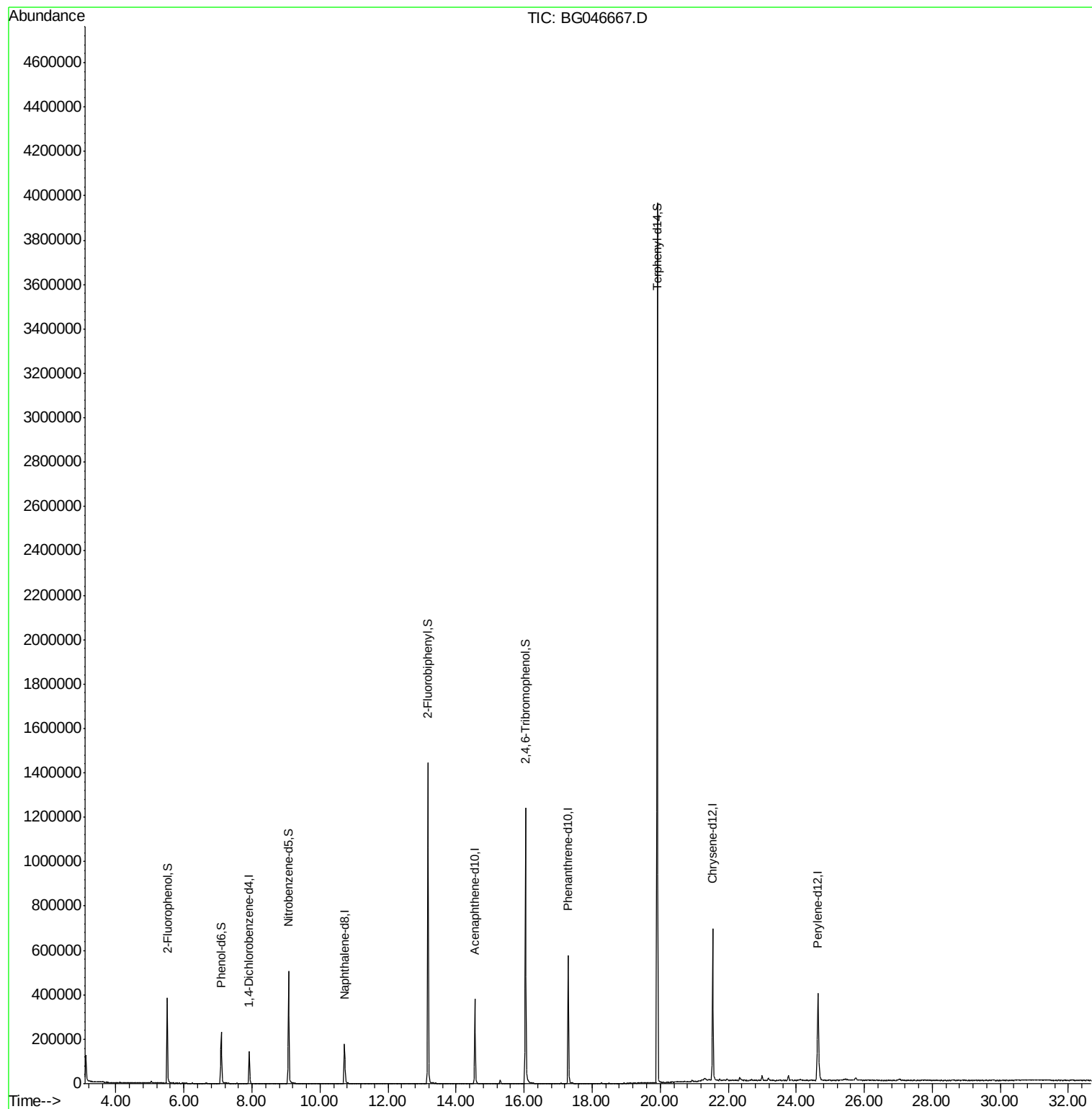
Target Compounds Qvalue

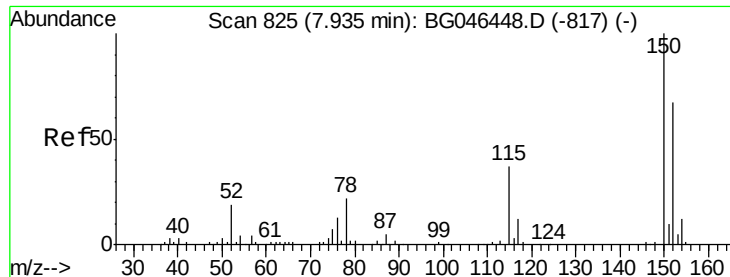
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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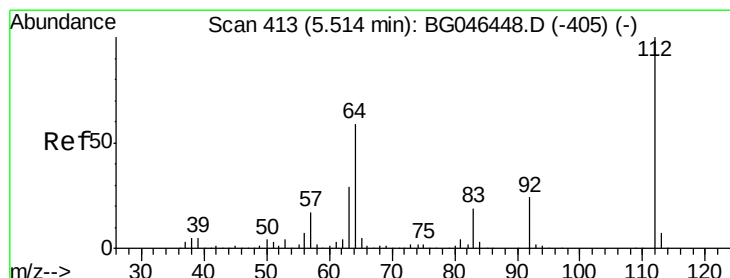
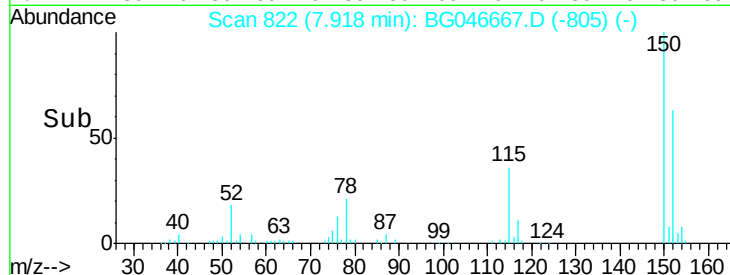
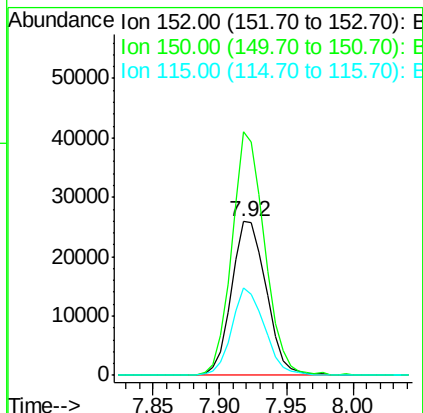
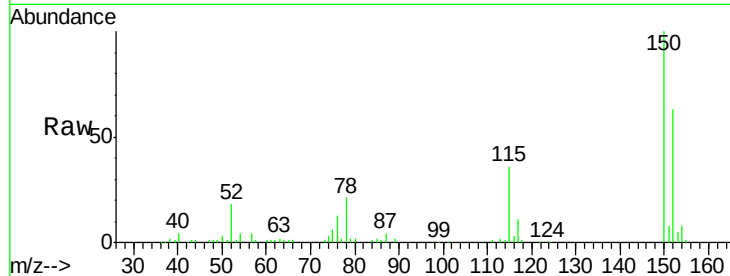


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Instrument :
BNA_G
ClientSampled :
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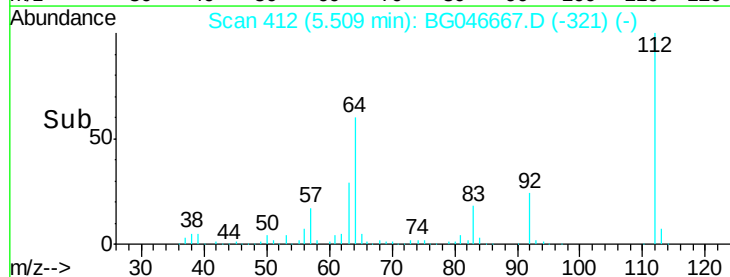
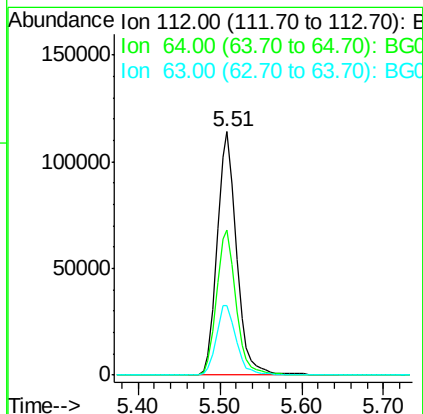
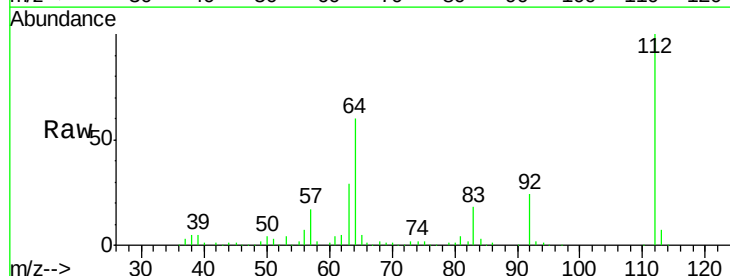
Tot Ion:152 Resp: 46838
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.6
115 57.1 41.8 62.6

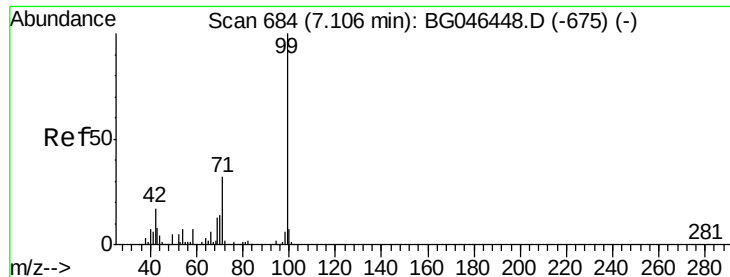


#5

2-Fluorophenol
Concen: 71.507 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG046667.D
Acq: 17 Sep 2020 19:11

Tgt Ion:112 Resp: 189095
Ion Ratio Lower Upper
112 100
64 59.7 46.7 70.1
63 28.8 22.8 34.2





#7

Phenol-d6

Concen: 43.616 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Instrument :

BNA_G

ClientSampled :

FIELD-BLANK

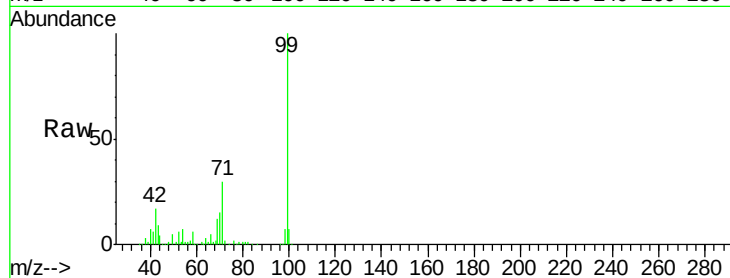
Tot Ion: 99 Resp: 163506

Ion Ratio Lower Upper

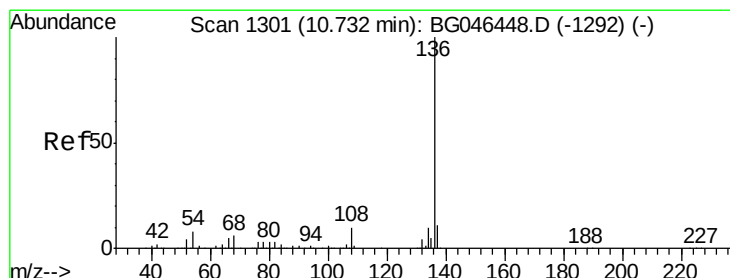
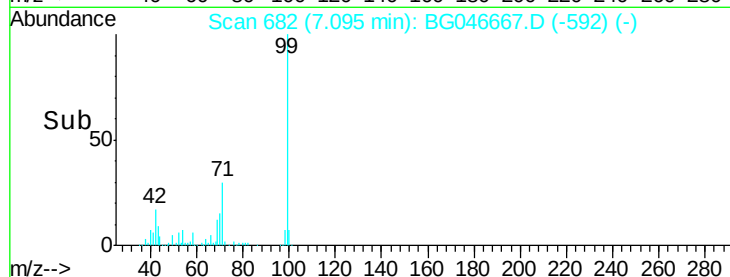
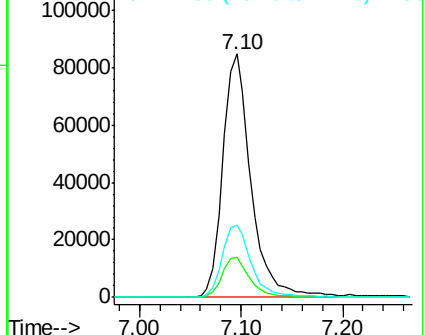
99 100

42 16.6 12.8 19.2

71 29.7 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. 0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Tgt Ion: 136 Resp: 196041

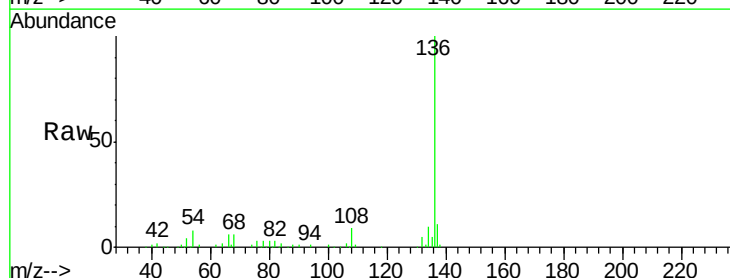
Ion Ratio Lower Upper

136 100

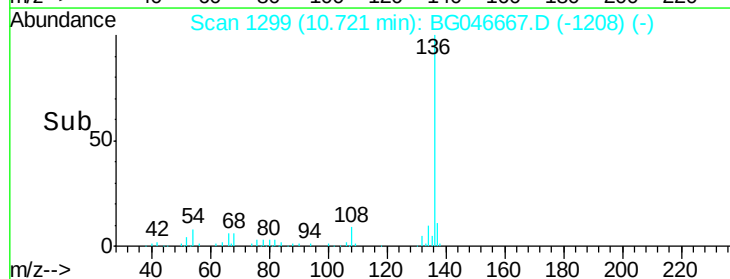
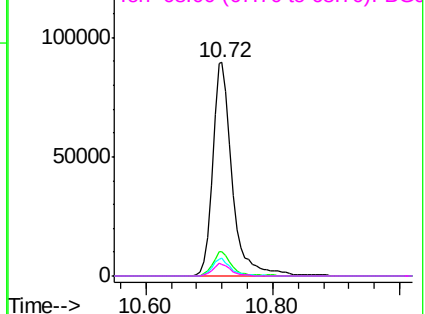
137 11.3 9.1 13.7

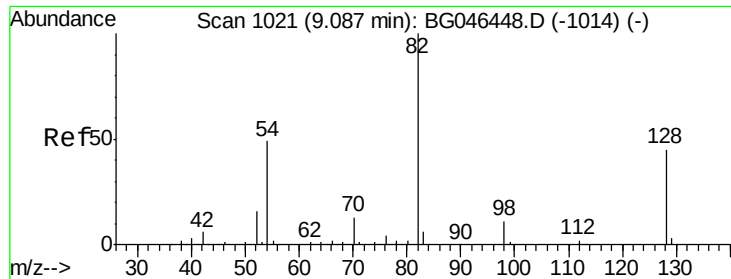
54 8.2 6.2 9.4

68 5.5 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

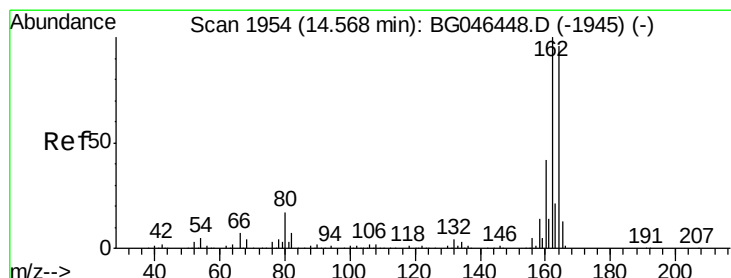
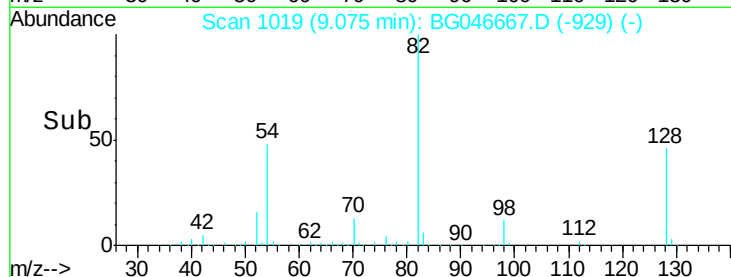
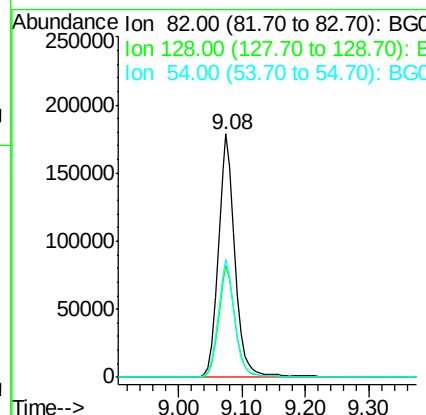
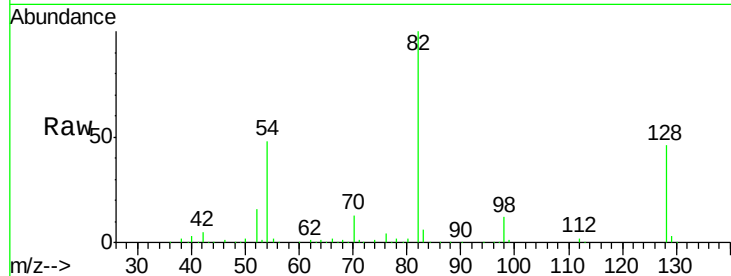




#23
 Nitrobenzene-d5
 Concen: 97.385 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

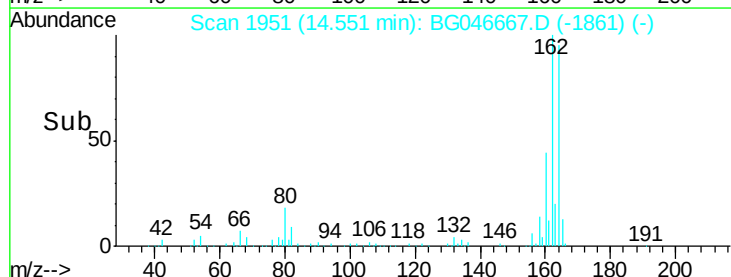
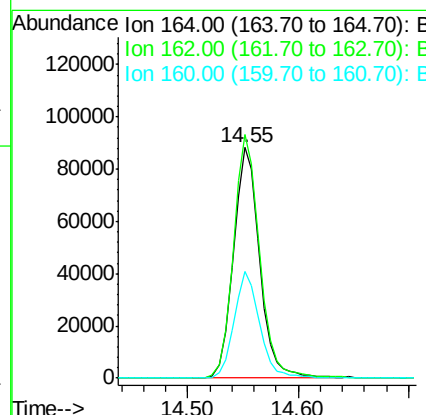
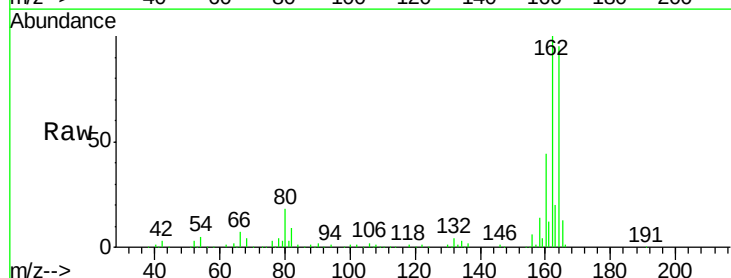
Instrument :
 BNA_G
 ClientSampleId :
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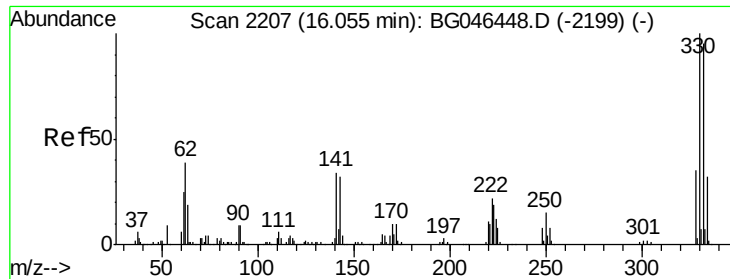
Tot Ion	82	Resp	334029
Ion Ratio	100	Lower	Upper
128	45.7	37.0	55.6
54	48.5	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Tgt Ion	164	Resp	146748
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.6	82.3	123.5
160	46.4	35.3	52.9

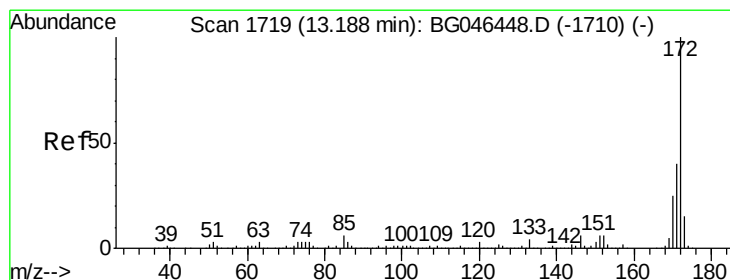
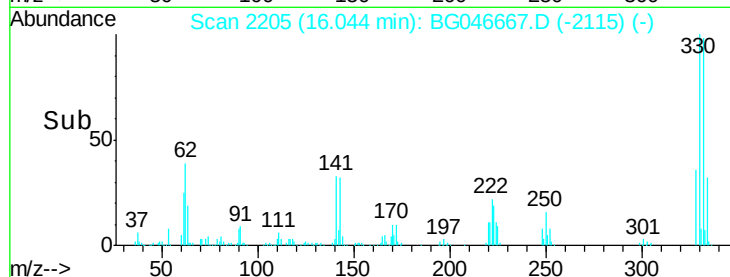
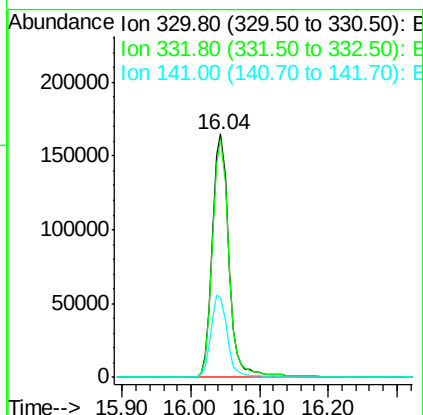
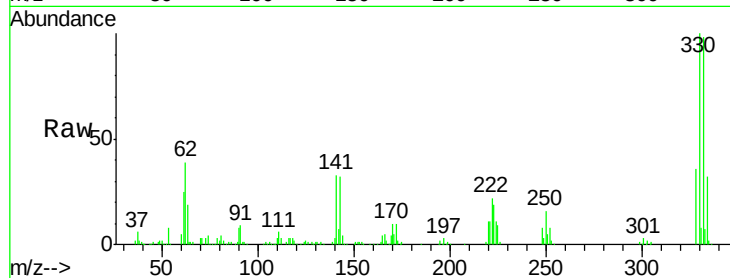




#42
 2,4,6-Tribromophenol
 Concen: 139.124 ng
 RT: 16.04 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

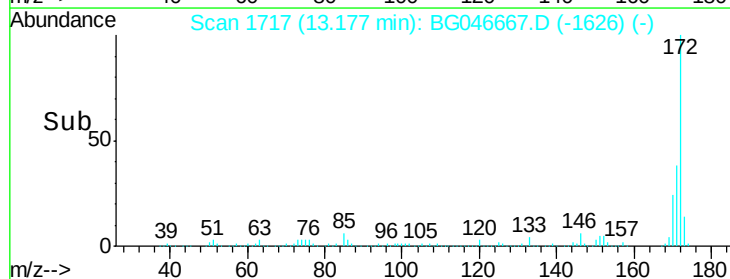
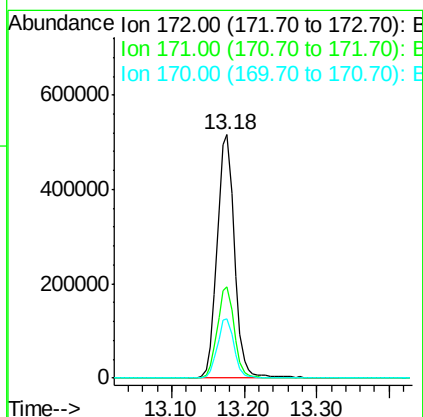
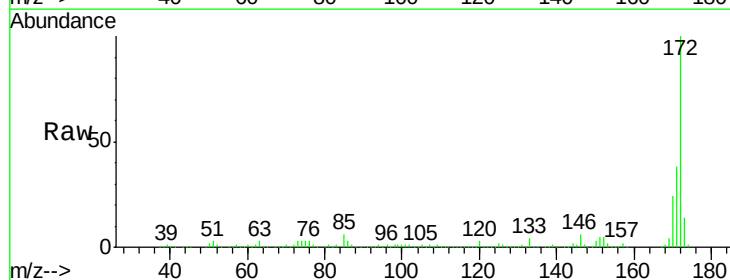
Instrument :
 BNA_G
 ClientSampleId :
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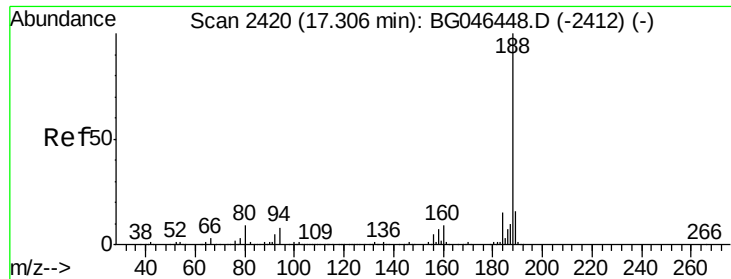
Tot Ion:330 Resp: 276625
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.5 114.7
 141 33.9 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 89.700 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046667.D
 Acq: 17 Sep 2020 19:11

Tgt Ion:172 Resp: 862280
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.4 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

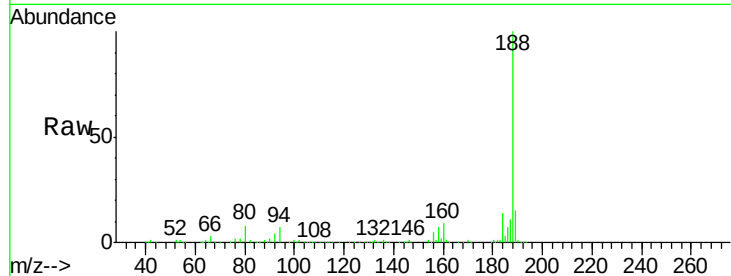
Tot Ion:188 Resp: 402536

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

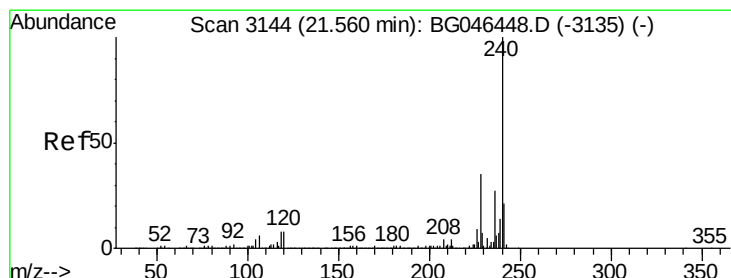
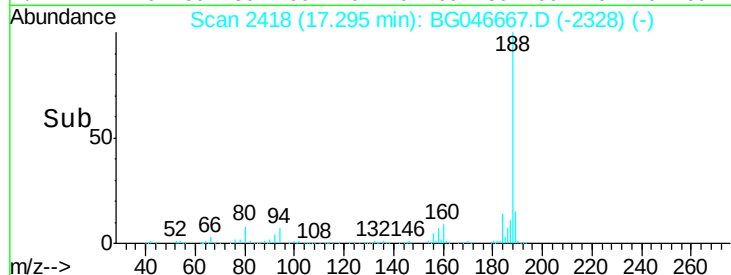
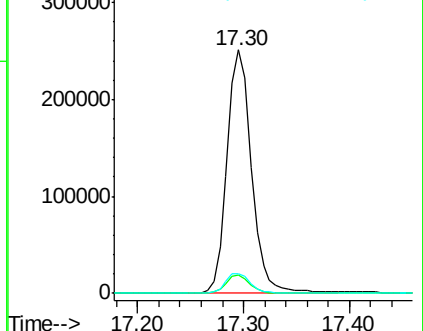
80 8.2 7.0 10.6



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: BG046667.D

Acq: 17 Sep 2020 19:11

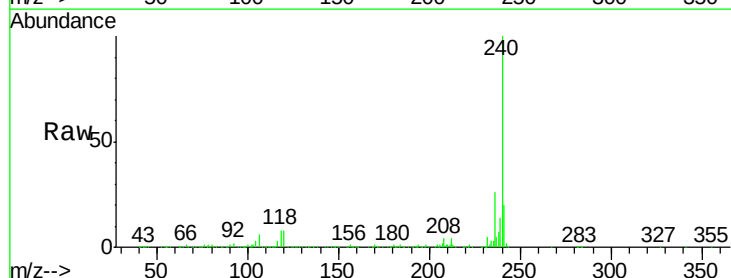
Tgt Ion:240 Resp: 440777

Ion Ratio Lower Upper

240 100

120 8.5 6.2 9.4

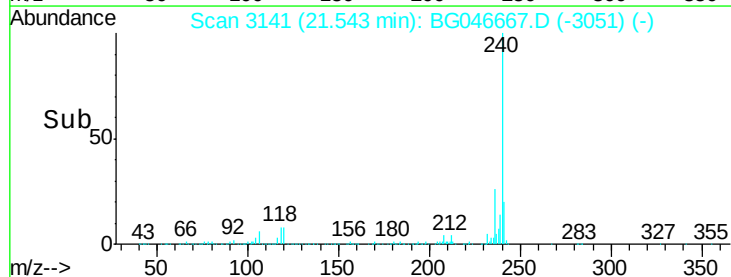
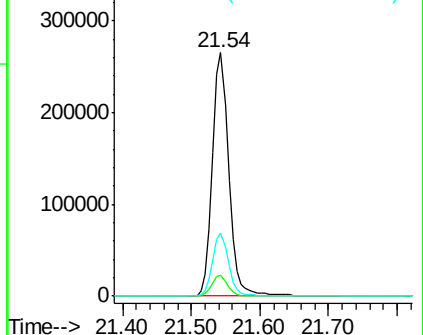
236 25.9 20.5 30.7

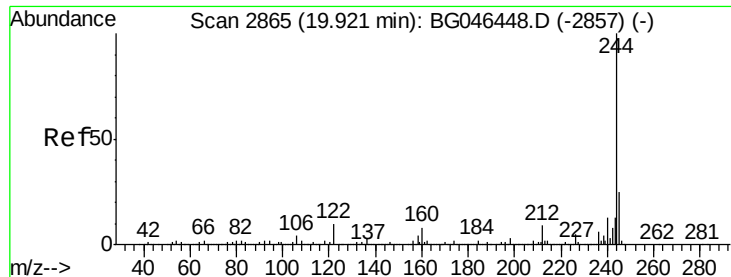


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.751 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

Instrument :

BNA_G

ClientSampleId :

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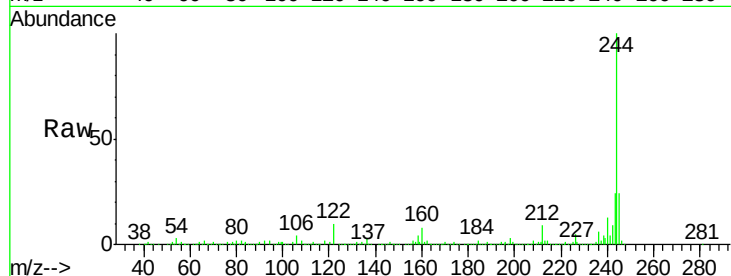
Tot Ion:244 Resp: 1858879

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

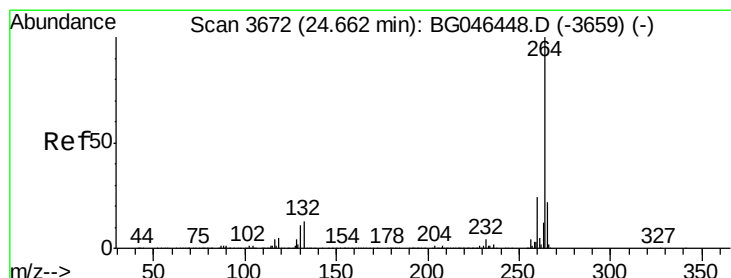
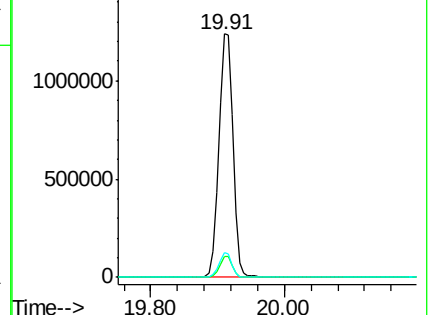
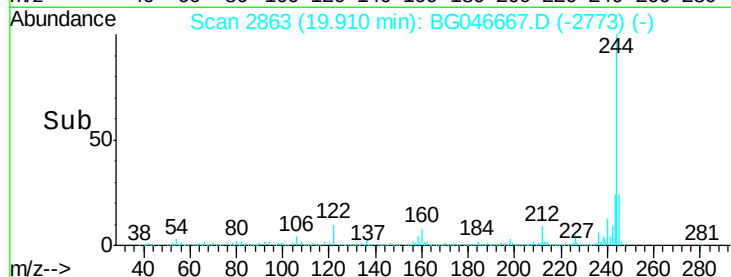
122 10.3 7.8 11.6



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. -0.00 min

Lab File: BG046667.D

Acq: 17 Sep 2020 19:11

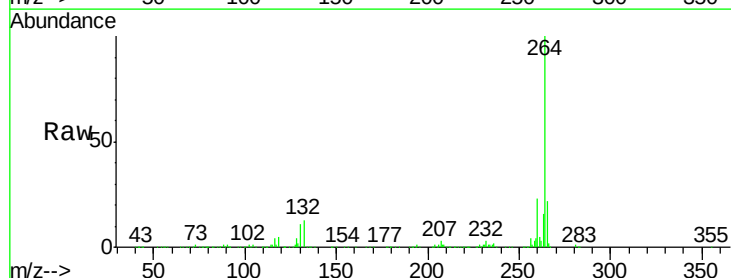
Tgt Ion:264 Resp: 431720

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.6 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

