

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046491.D
 Acq On : 1 Sep 2020 19:28
 Operator : CG/JU
 Sample : L3506-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-083120

Quant Time: Sep 02 01:04:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	61823	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	238985	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	172260	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	495026	20.00	ng	0.00
76) Chrysene-d12	21.55	240	551797	20.00	ng	0.00
86) Perylene-d12	24.65	264	558091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	358117	102.60	ng	0.00
7) Phenol-d6	7.10	99	420959	85.07	ng	0.00
23) Nitrobenzene-d5	9.09	82	349265	83.53	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	307171	131.61	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	910354	80.68	ng	0.00
79) Terphenyl-d14	19.92	244	1868407	72.06	ng	0.00

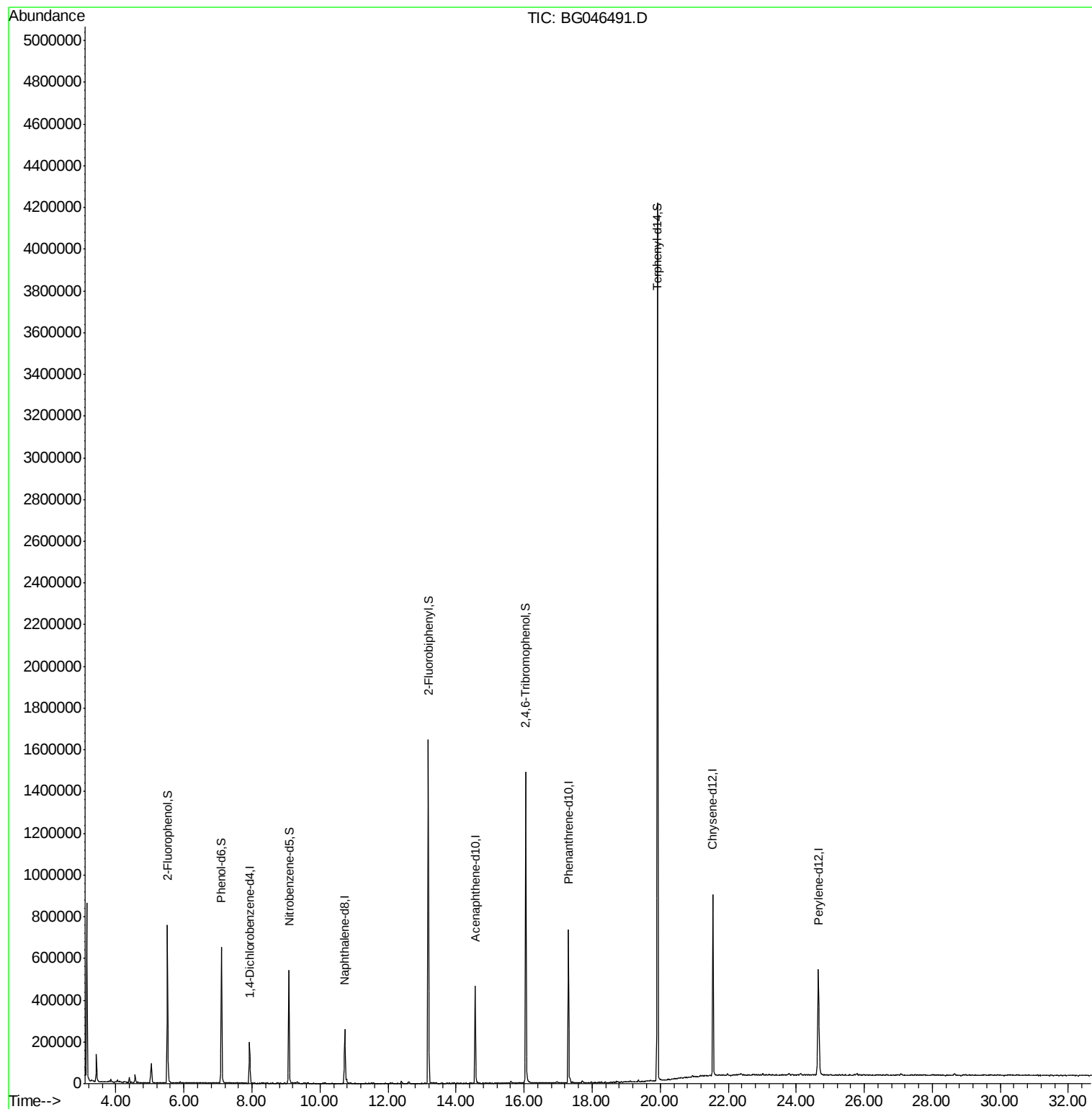
Target Compounds Qvalue

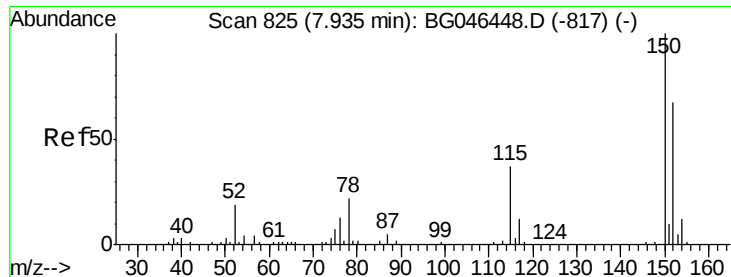
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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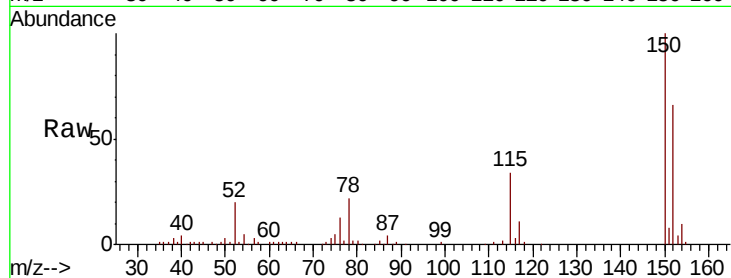


#1

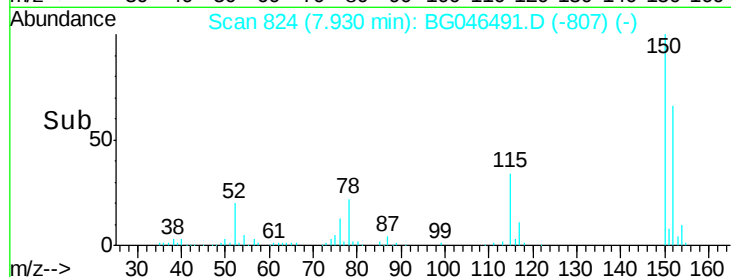
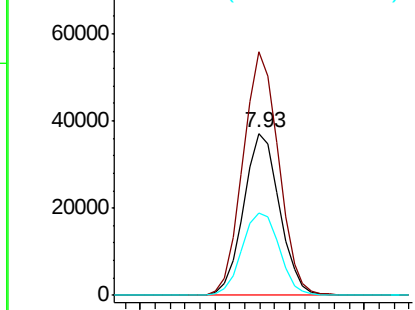
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046491.D
Acq: 1 Sep 2020 19:28

Instrument :
BNA_G
ClientSampleId :
OR-02-083120

Tot Ion:152 Resp: 61823
Ion Ratio Lower Upper
152 100
150 150.5 119.5 179.3
115 50.9 44.3 66.5



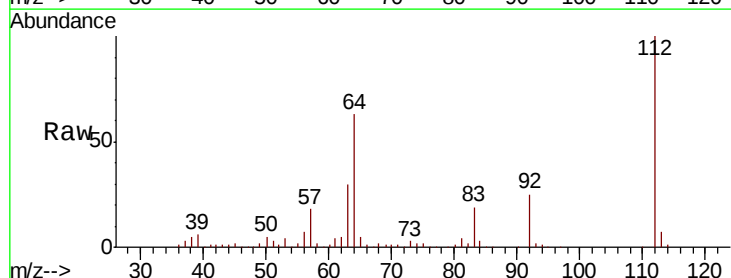
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



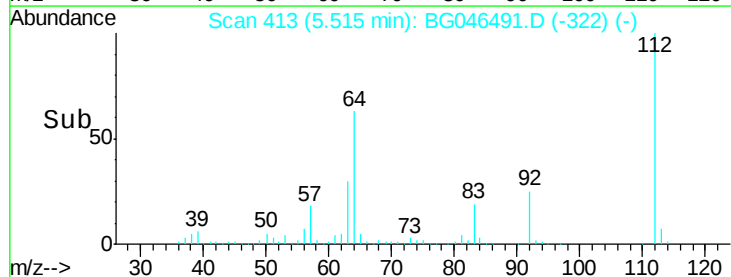
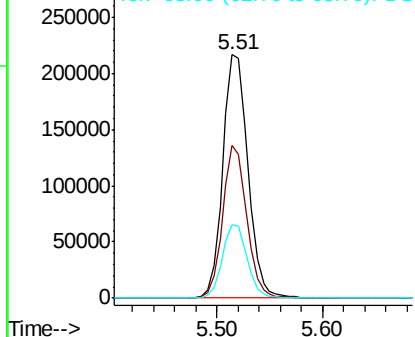
#5

2-Fluorophenol
Concen: 102.598 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046491.D
Acq: 1 Sep 2020 19:28

Tgt Ion:112 Resp: 358117
Ion Ratio Lower Upper
112 100
64 62.6 47.0 70.6
63 30.3 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: 85.074 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

Instrument :

BNA_G

ClientSampleId :

OR-02-083120

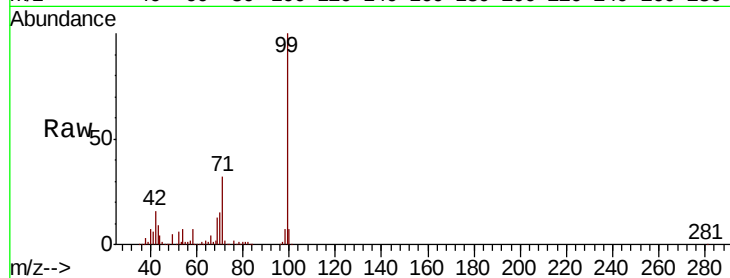
Tot Ion: 99 Resp: 420959

Ion Ratio Lower Upper

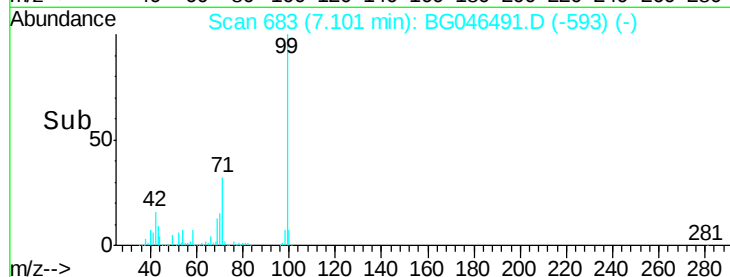
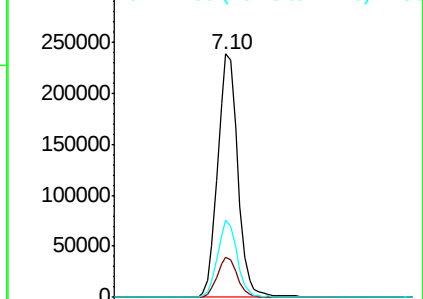
99 100

42 16.4 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: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

Tgt Ion: 136 Resp: 238985

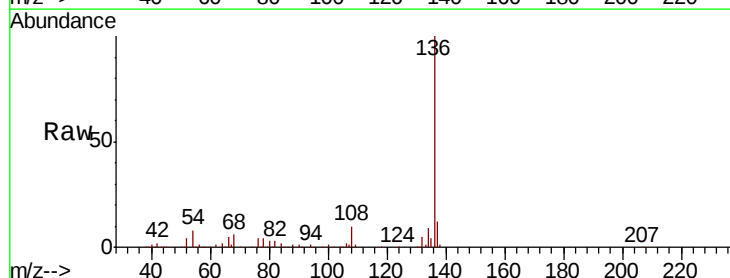
Ion Ratio Lower Upper

136 100

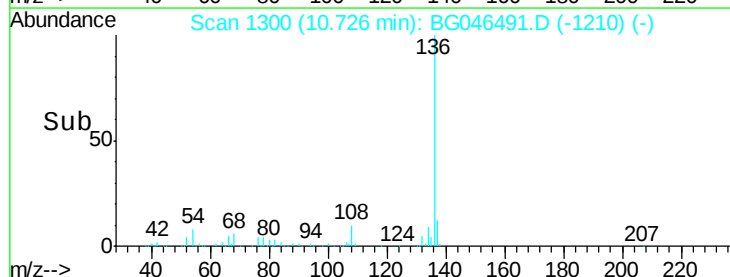
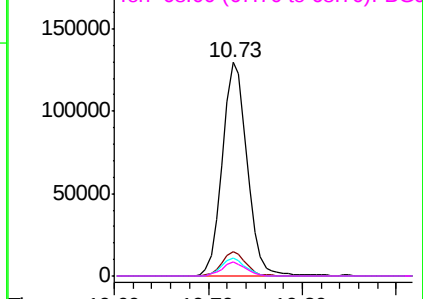
137 11.5 8.8 13.2

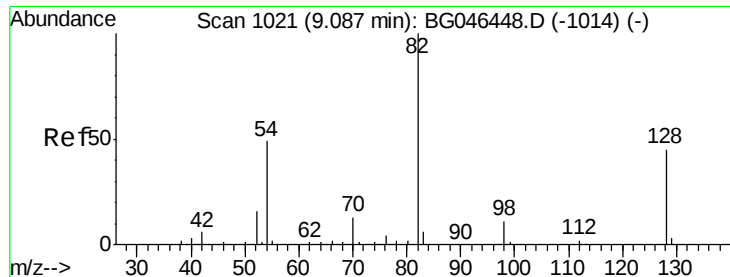
54 8.5 6.1 9.1

68 6.5 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

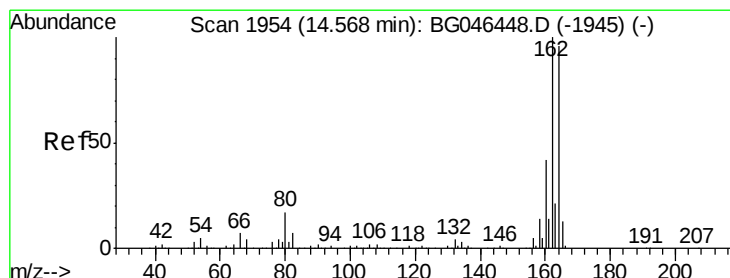
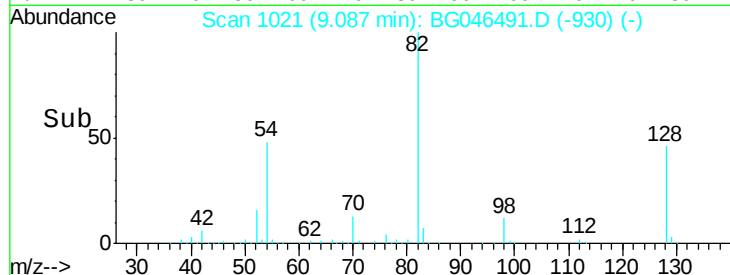
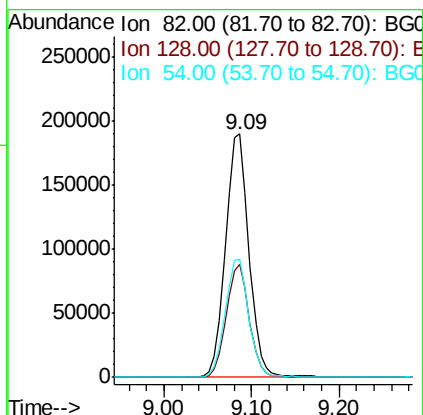
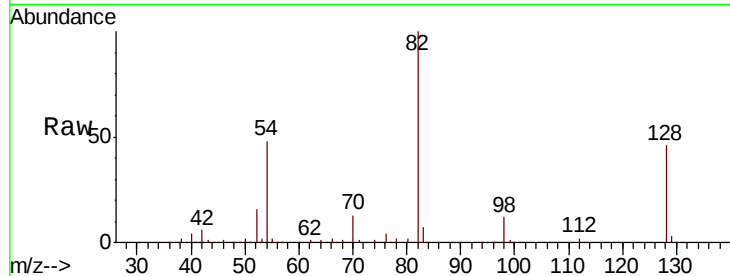




#23
 Nitrobenzene-d5
 Concen: 83.529 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046491.D
 Acq: 1 Sep 2020 19:28

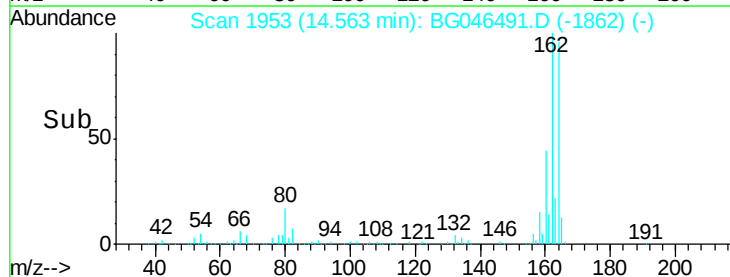
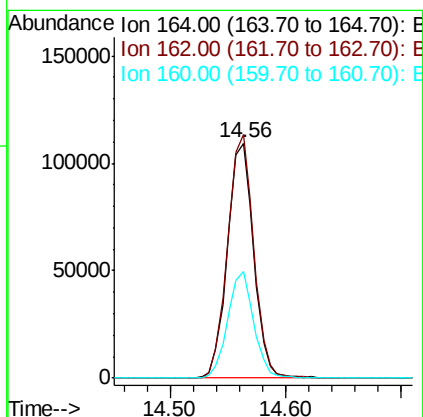
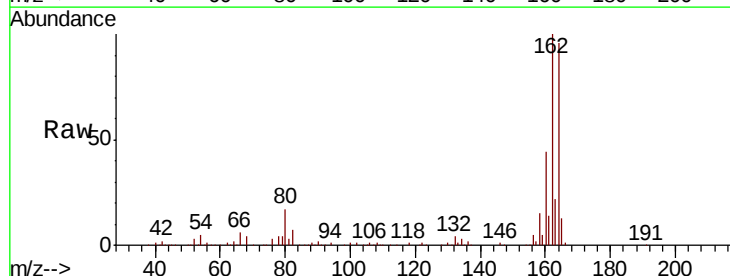
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-083120

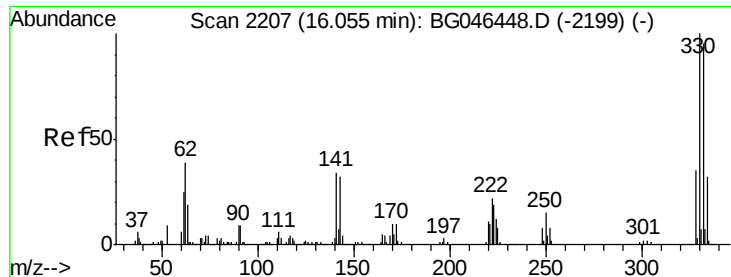
Tot Ion	82	Resp	349265
Ion Ratio	100	Lower	Upper
128	46.4	35.7	53.5
54	48.3	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: BG046491.D
 Acq: 1 Sep 2020 19:28

Tgt Ion	164	Resp	172260
Ion Ratio	100	Lower	Upper
162	103.7	83.3	124.9
160	45.2	35.0	52.6

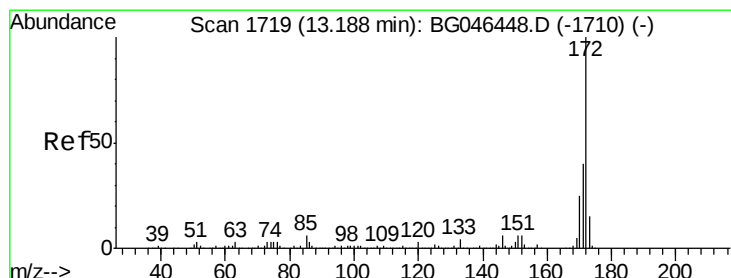
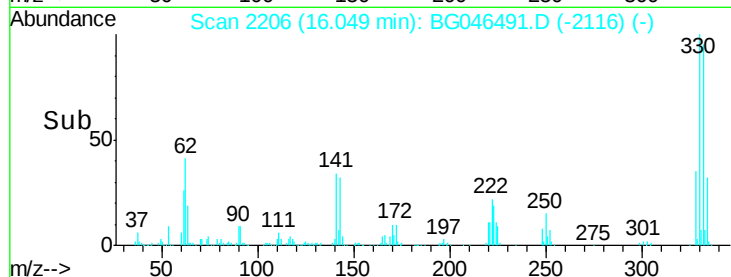
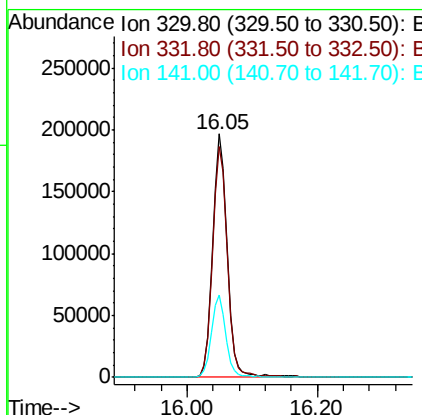
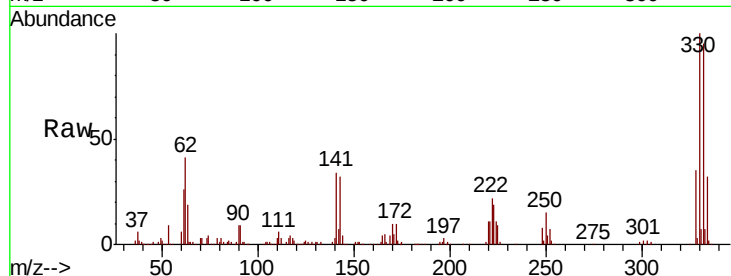




#42
 2,4,6-Tribromophenol
 Concen: 131.607 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG046491.D
 Acq: 1 Sep 2020 19:28

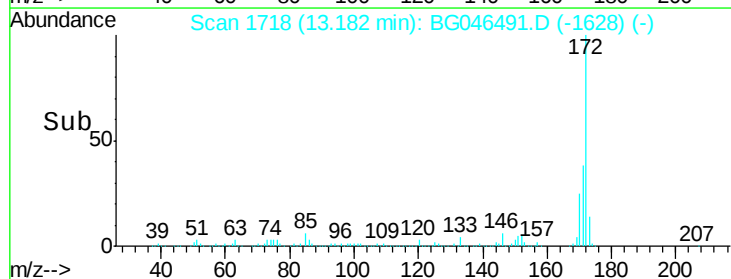
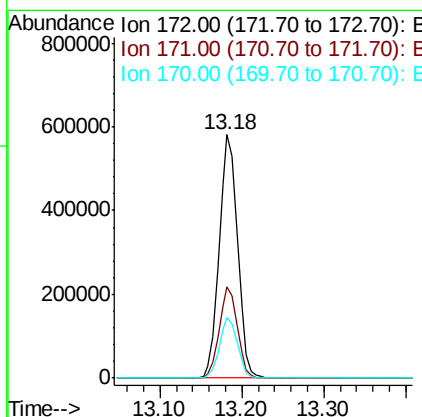
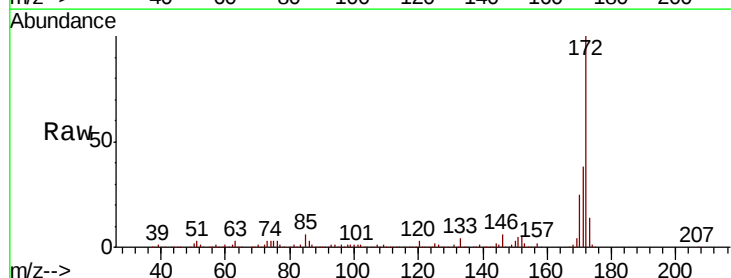
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-083120

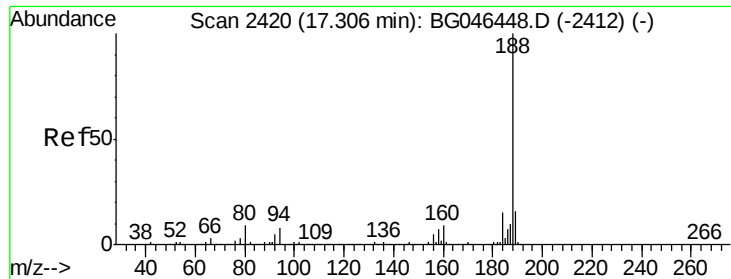
Tot Ion:330 Resp: 307171
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 33.2 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 80.675 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG046491.D
 Acq: 1 Sep 2020 19:28

Tgt Ion:172 Resp: 910354
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.8 47.6
 170 24.8 20.3 30.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

Instrument :

BNA_G

ClientSampleId :

OR-02-083120

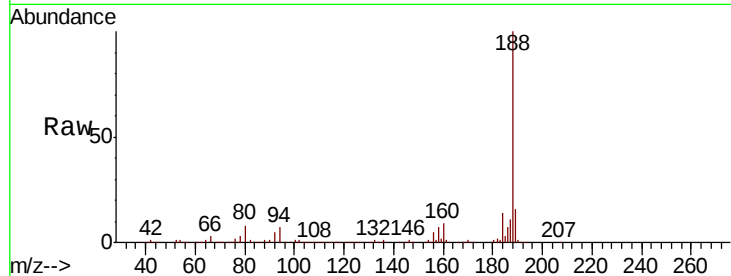
Tot Ion:188 Resp: 495026

Ion Ratio Lower Upper

188 100

94 7.4 6.3 9.5

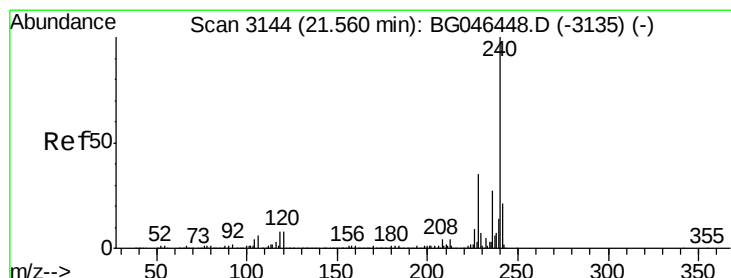
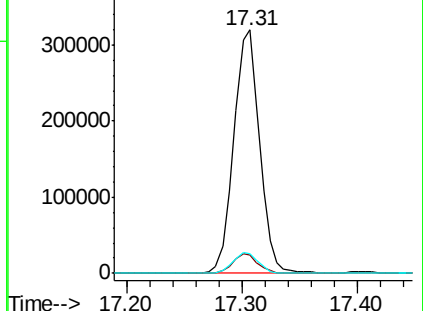
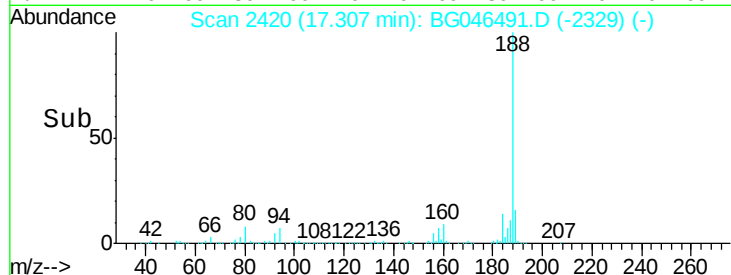
80 8.2 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

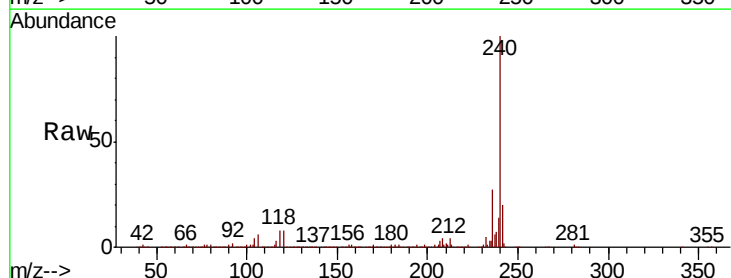
Tgt Ion:240 Resp: 551797

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

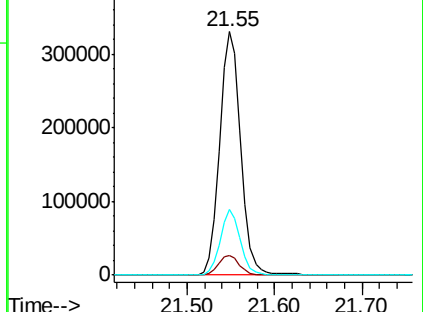
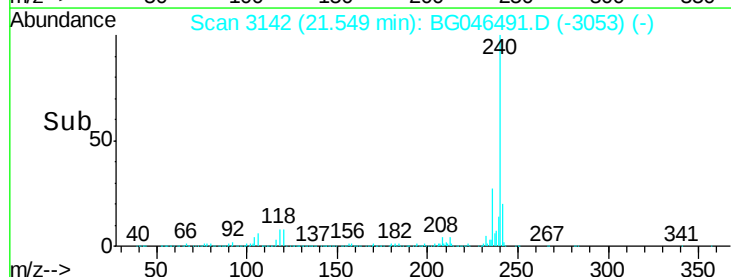
236 26.9 21.4 32.2

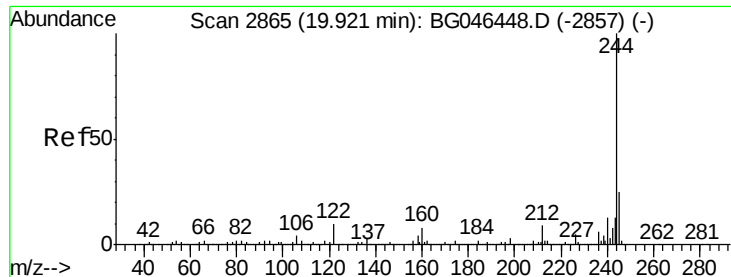


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.061 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

Instrument :

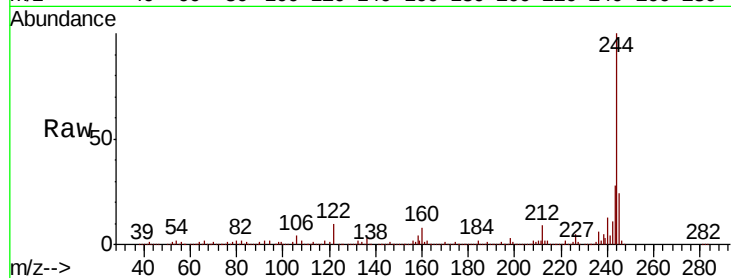
BNA_G

ClientSampleId :

OR-02-083120

Tot Ion:244 Resp: 1868407

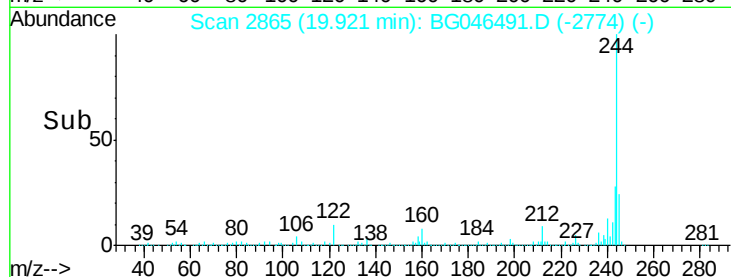
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.0	8.2	12.4



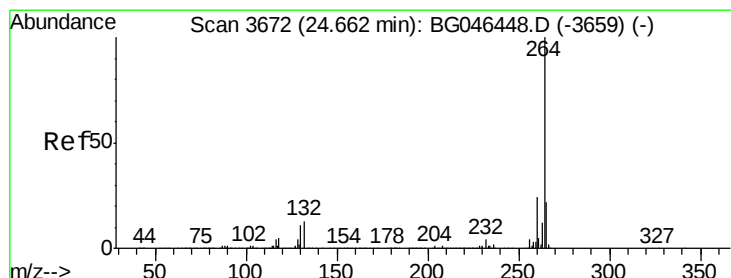
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

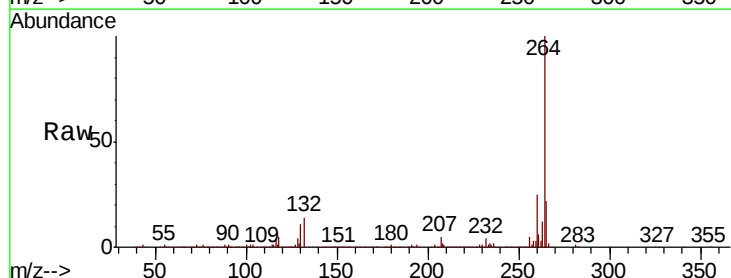
Delta R.T. -0.00 min

Lab File: BG046491.D

Acq: 1 Sep 2020 19:28

Tgt Ion:264 Resp: 558091

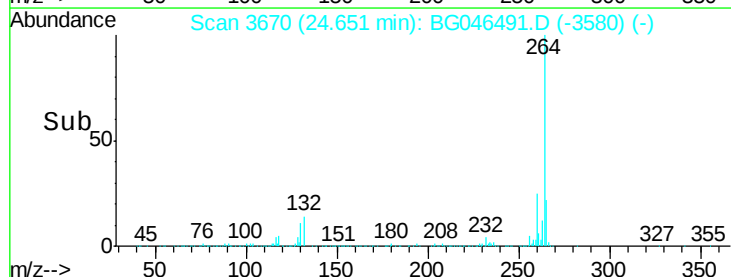
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.9	17.9	26.9



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



Time-->