

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
 Data File : BG046497.D
 Acq On : 1 Sep 2020 23:31
 Operator : CG/JU
 Sample : L3851-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11995

Quant Time: Sep 02 01:26:18 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	66554	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	264818	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	179281	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	474771	20.00	ng	0.00
76) Chrysene-d12	21.55	240	536914	20.00	ng	0.00
86) Perylene-d12	24.65	264	556362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	412409	109.75	ng	0.00
7) Phenol-d6	7.10	99	483683	90.80	ng	0.00
23) Nitrobenzene-d5	9.08	82	399076	86.13	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	316048	130.11	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1023592	87.16	ng	0.00
79) Terphenyl-d14	19.92	244	1880211	74.53	ng	0.00

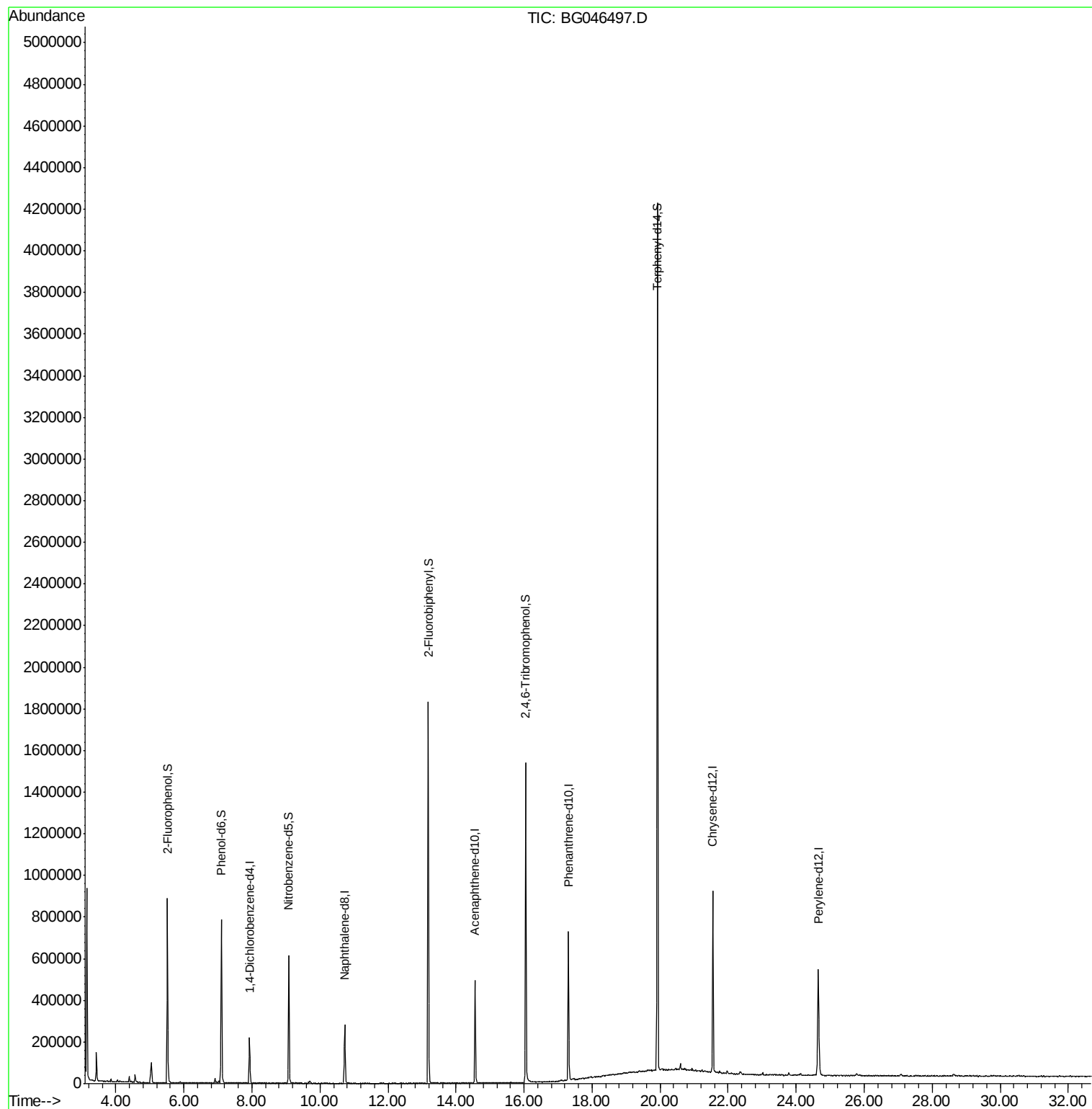
Target Compounds	Qvalue
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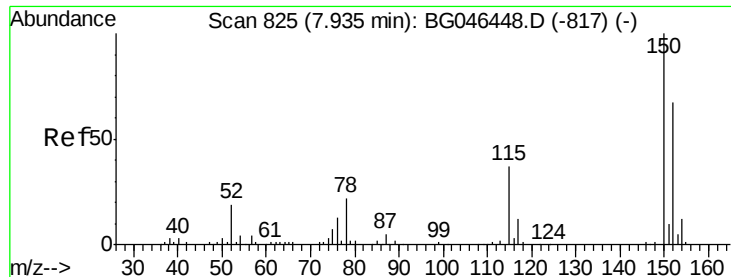
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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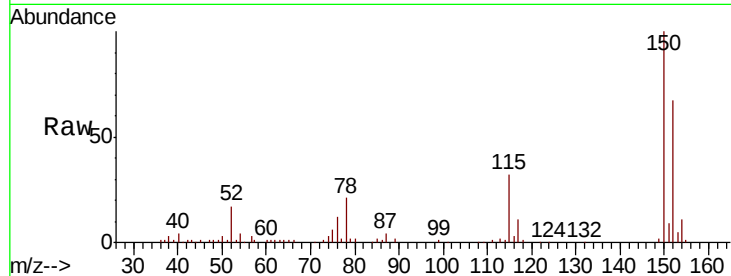


#1

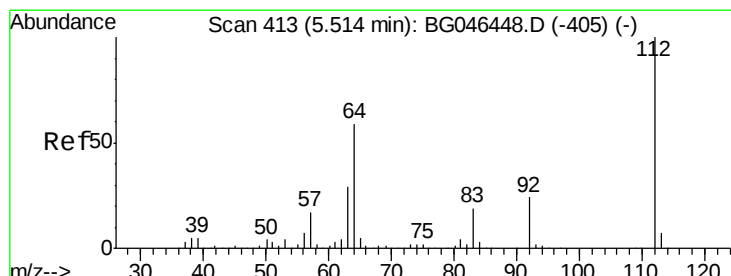
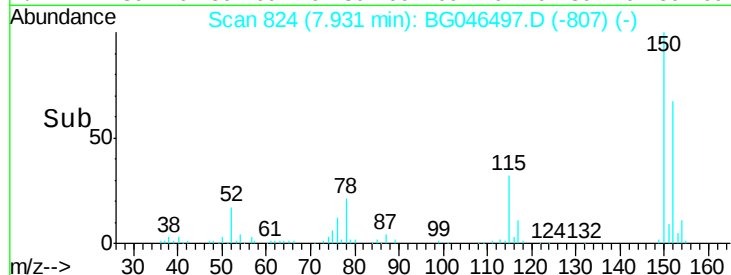
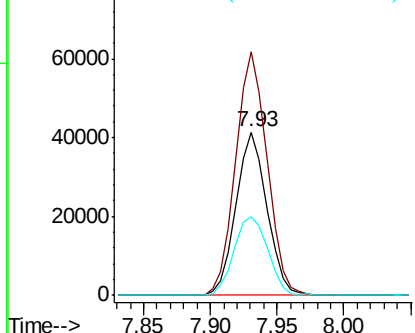
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG046497.D
 Acq: 1 Sep 2020 23:31

Instrument :
 BNA_G
 ClientSampleId :
 11995

Tot Ion:152 Resp: 66554
 Ion Ratio Lower Upper
 152 100
 150 149.0 119.5 179.3
 115 48.2 44.3 66.5



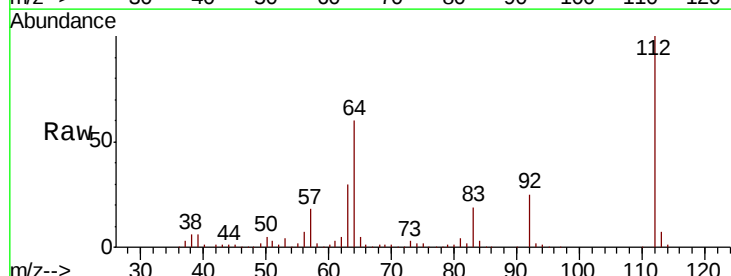
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



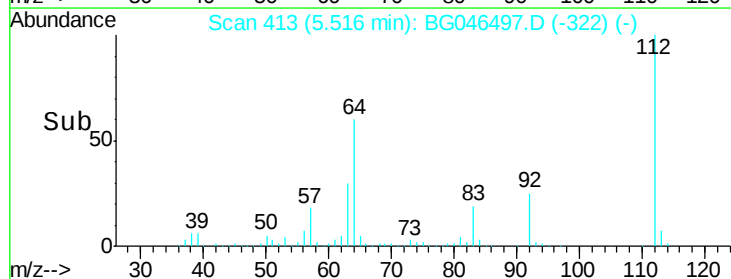
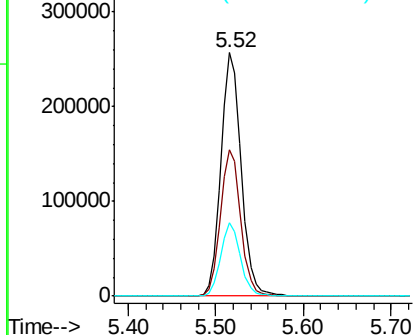
#5

2-Fluorophenol
 Concen: 109.753 ng
 RT: 5.52 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BG046497.D
 Acq: 1 Sep 2020 23:31

Tgt Ion:112 Resp: 412409
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.0 70.6
 63 30.2 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: 90.802 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046497.D

Acq: 1 Sep 2020 23:31

Instrument :

BNA_G

ClientSampleId :

11995

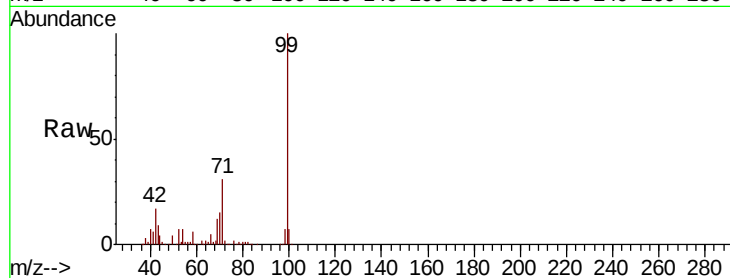
Tot Ion: 99 Resp: 483683

Ion Ratio Lower Upper

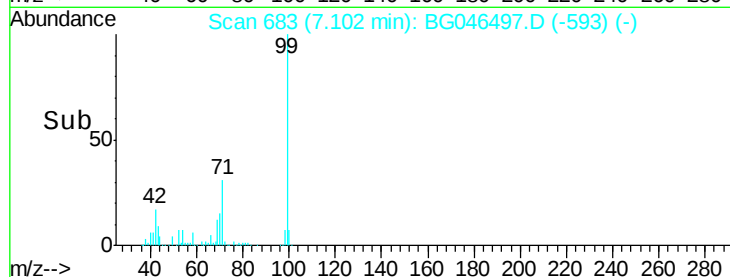
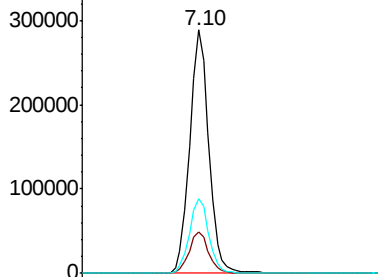
99 100

42 17.0 13.3 19.9

71 30.9 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: BG046497.D

Acq: 1 Sep 2020 23:31

Tgt Ion: 136 Resp: 264818

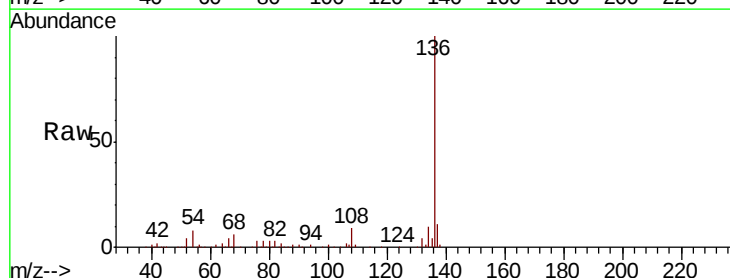
Ion Ratio Lower Upper

136 100

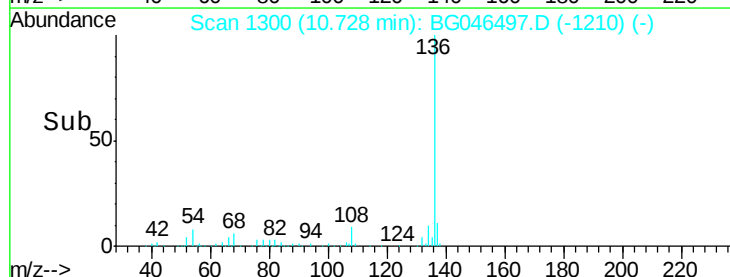
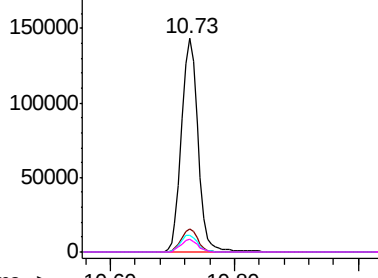
137 10.9 8.8 13.2

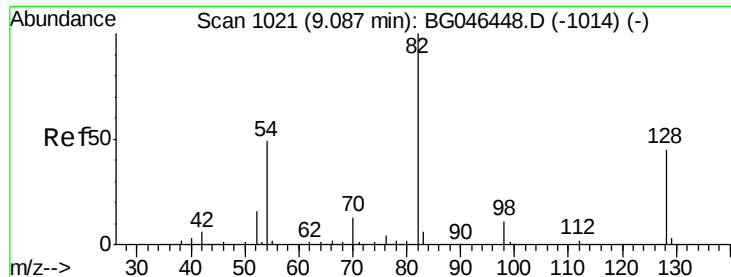
54 7.7 6.1 9.1

68 5.8 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

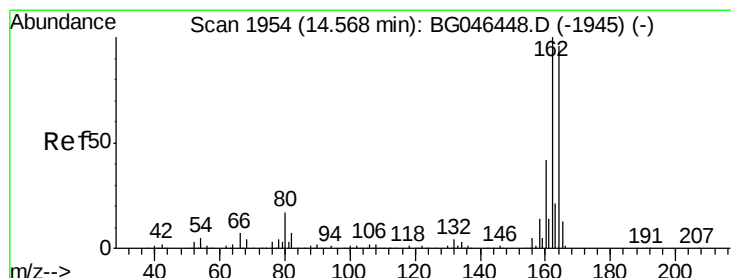
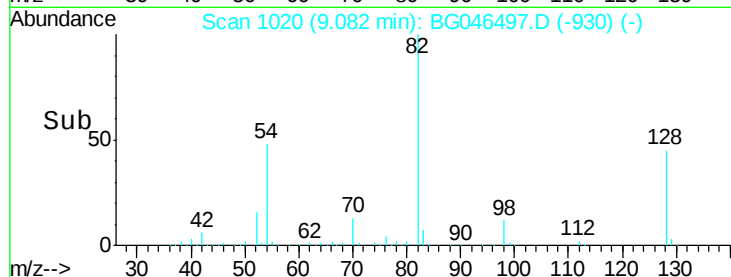
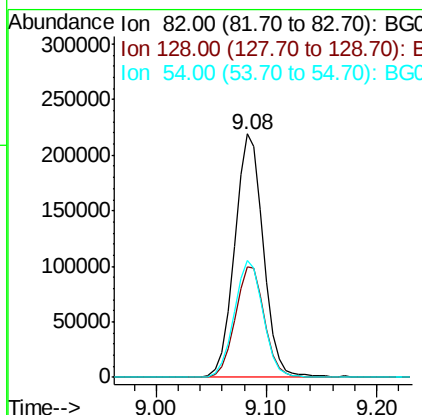
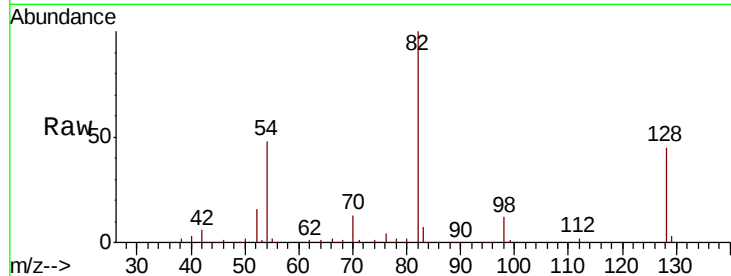




#23
 Nitrobenzene-d5
 Concen: 86.132 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046497.D
 Acq: 1 Sep 2020 23:31

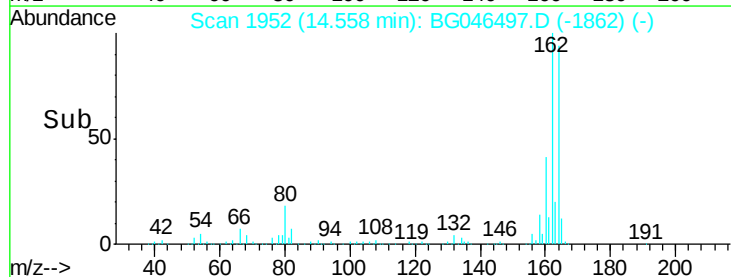
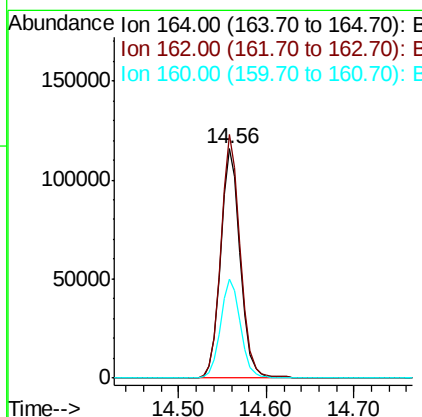
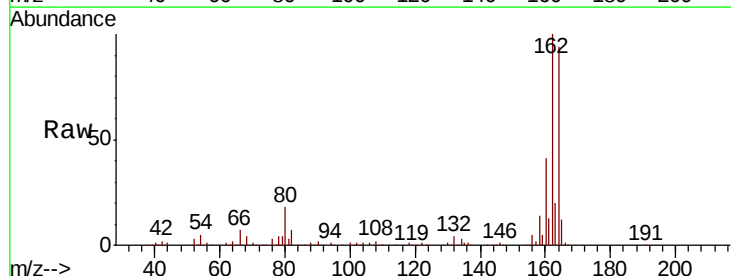
Instrument :
 BNA_G
 ClientSampled :
 11995

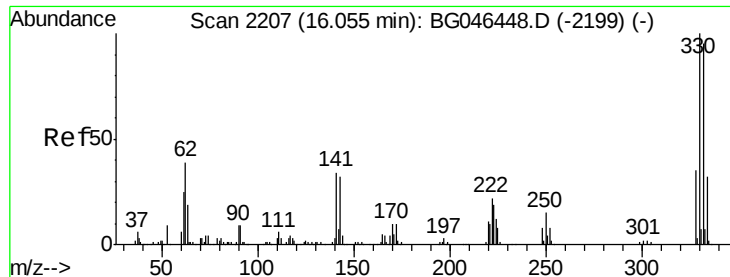
Tot Ion	82	Resp	399076
Ion Ratio	100	Lower	Upper
128	45.2	35.7	53.5
54	48.1	39.4	59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046497.D
 Acq: 1 Sep 2020 23:31

Tgt Ion	164	Resp	179281
Ion Ratio	100	Lower	Upper
162	106.1	83.3	124.9
160	43.3	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 130.107 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046497.D

Acq: 1 Sep 2020 23:31

Instrument :

BNA_G

ClientSampleId :

11995

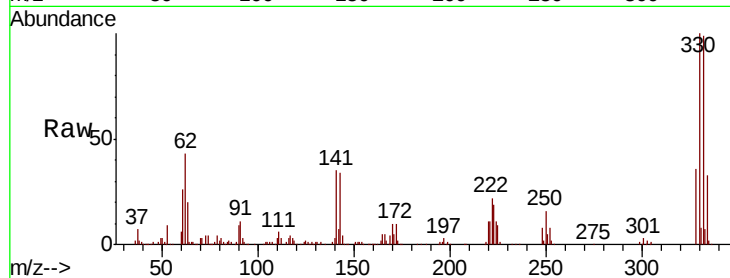
Tot Ion:330 Resp: 316048

Ion Ratio Lower Upper

330 100

332 97.7 76.1 114.1

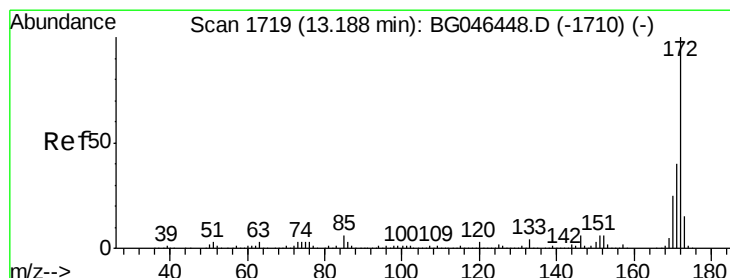
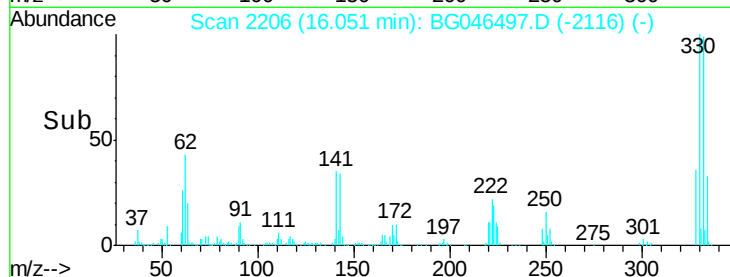
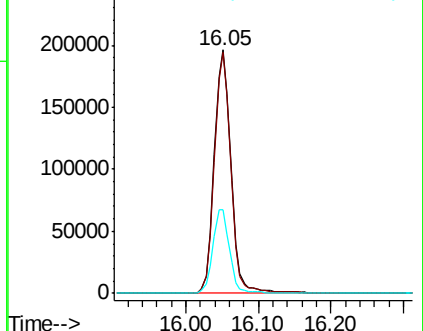
141 34.2 26.1 39.1



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: 87.158 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG046497.D

Acq: 1 Sep 2020 23:31

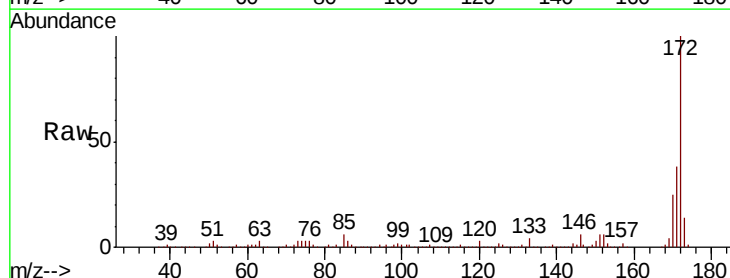
Tgt Ion:172 Resp: 1023592

Ion Ratio Lower Upper

172 100

171 38.2 31.8 47.6

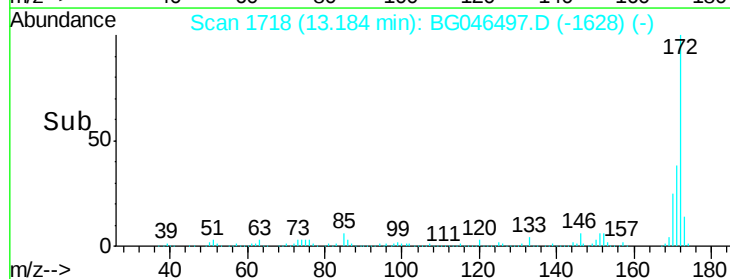
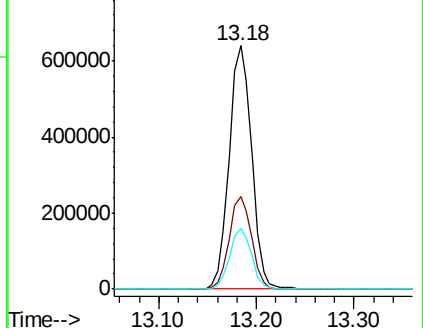
170 24.8 20.3 30.5

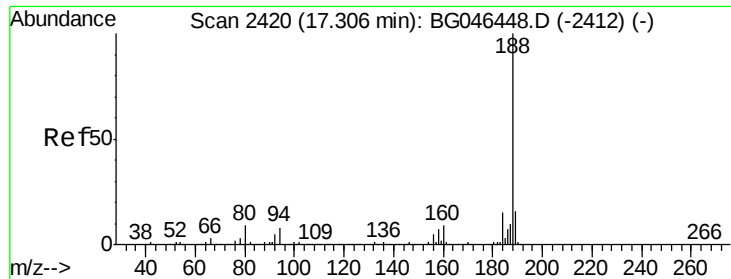


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

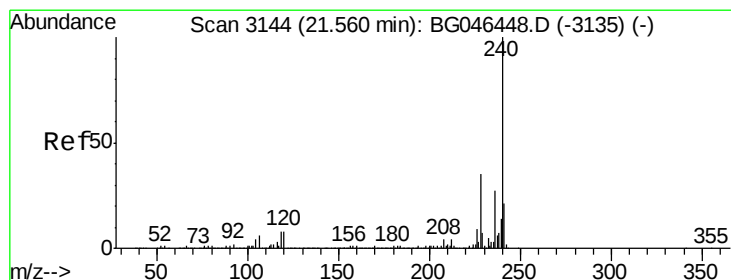
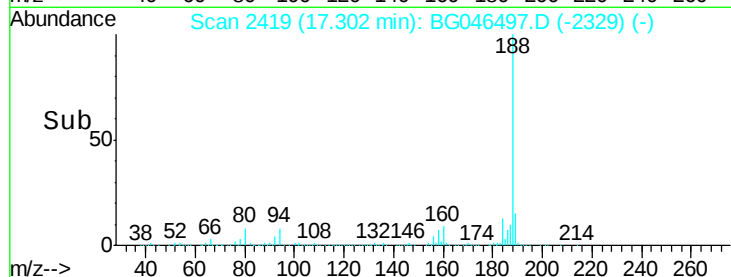
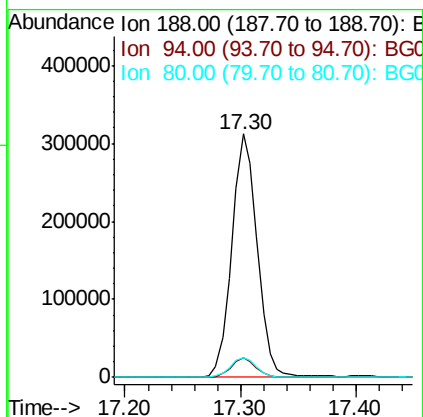
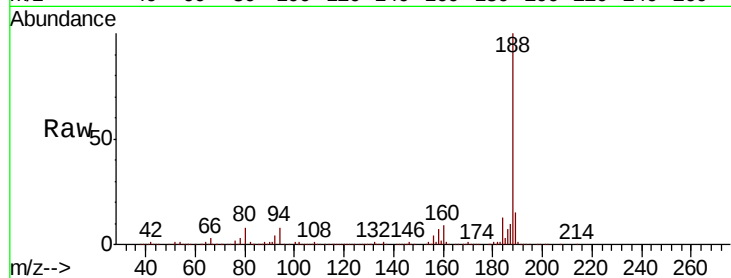




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046497.D
Acq: 1 Sep 2020 23:31

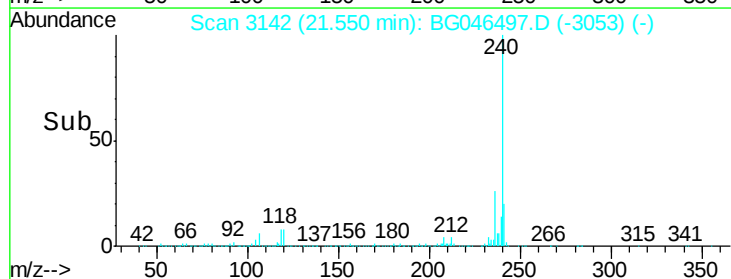
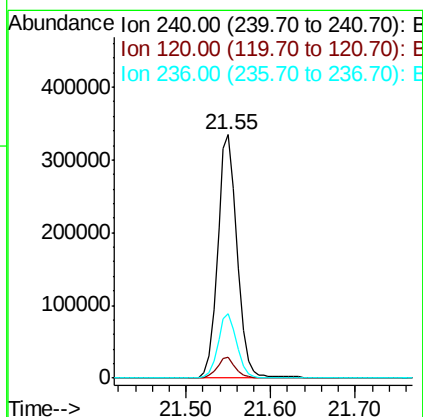
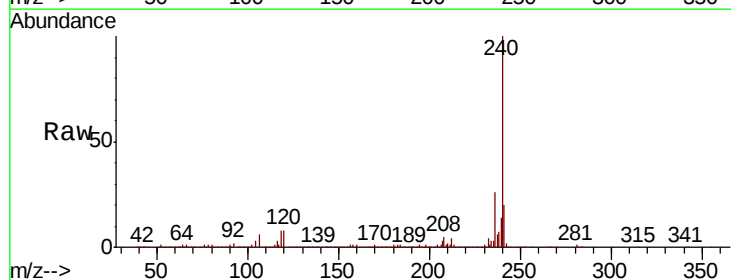
Instrument :
BNA_G
ClientSampleId :
11995

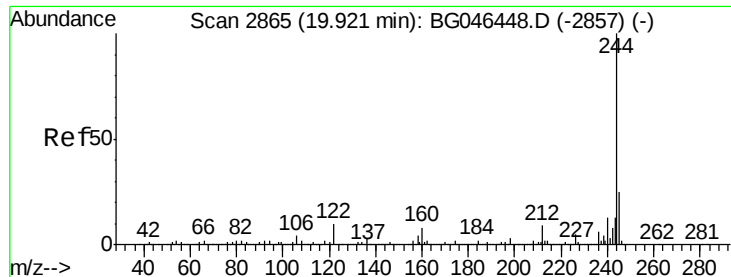
Tot Ion:188 Resp: 474771
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046497.D
Acq: 1 Sep 2020 23:31

Tgt Ion:240 Resp: 536914
Ion Ratio Lower Upper
240 100
120 8.3 6.6 10.0
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 74.526 ng

RT: 19.92 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BG046497.D

Acq: 1 Sep 2020 23:31

Instrument :

BNA_G

ClientSampleId :

11995

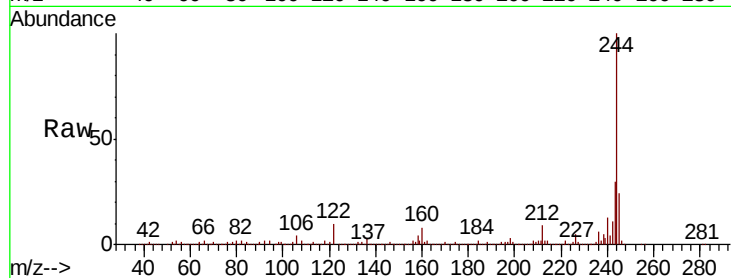
Tot Ion:244 Resp: 1880211

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

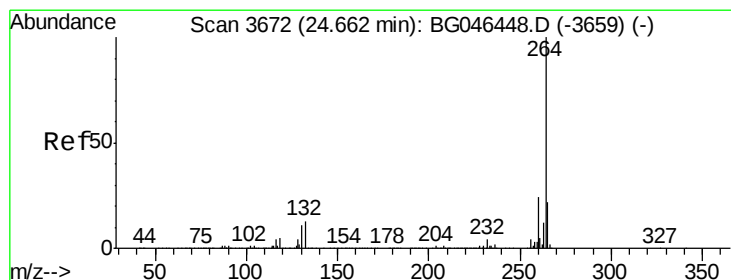
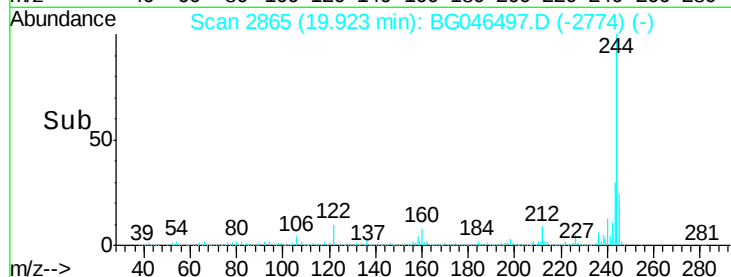
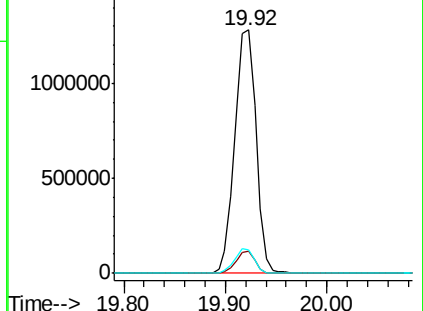
122 9.6 8.2 12.4



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# 3670

Delta R.T. -0.00 min

Lab File: BG046497.D

Acq: 1 Sep 2020 23:31

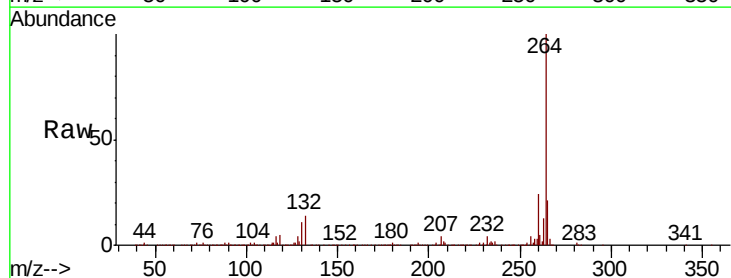
Tgt Ion:264 Resp: 556362

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.2 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

