

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046564.D
 Acq On : 8 Sep 2020 19:16
 Operator : CG/JU
 Sample : L3808-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-0-10

Quant Time: Sep 11 05:43:45 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

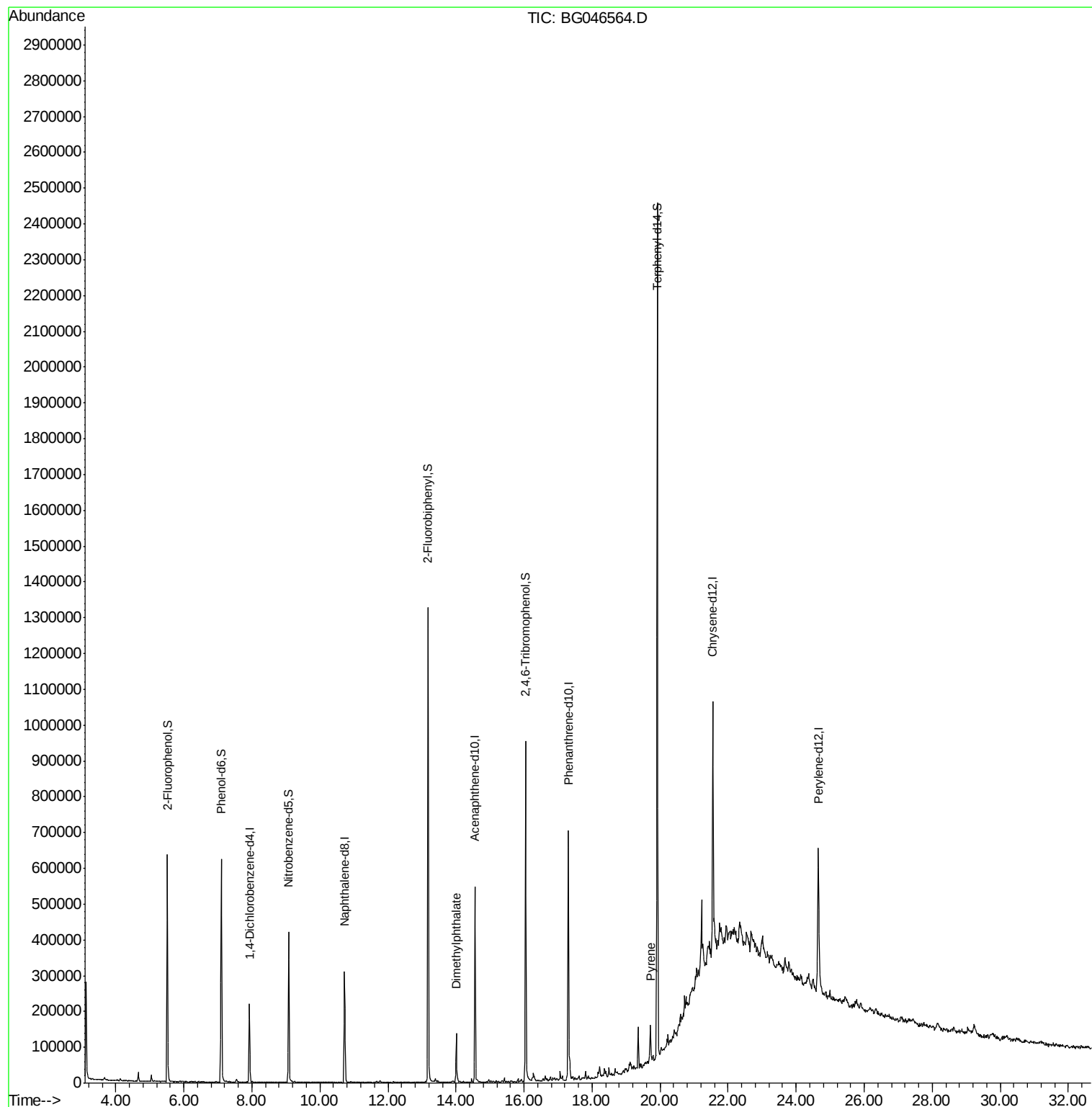
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67684	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	282752	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	200879	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	465545	20.00	ng	0.00
76) Chrysene-d12	21.55	240	431351	20.00	ng	0.00
86) Perylene-d12	24.65	264	425079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	307515	80.47	ng	0.00
7) Phenol-d6	7.10	99	411291	75.92	ng	0.00
23) Nitrobenzene-d5	9.08	82	273534	55.29	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	201419	74.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	749344	56.95	ng	0.00
79) Terphenyl-d14	19.92	244	1087880	53.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	108140	6.958	ng	98
78) Pyrene	19.71	202	63909	2.327	ng	97

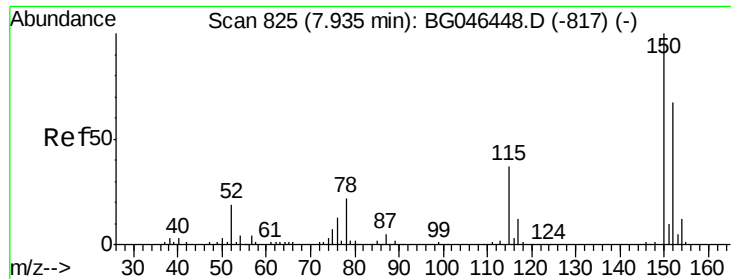
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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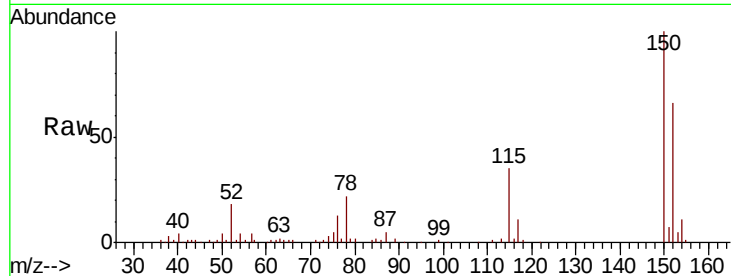


#1

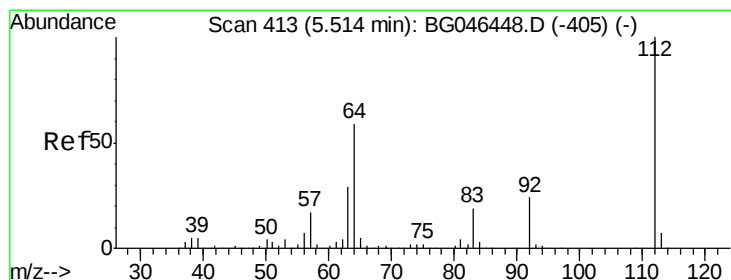
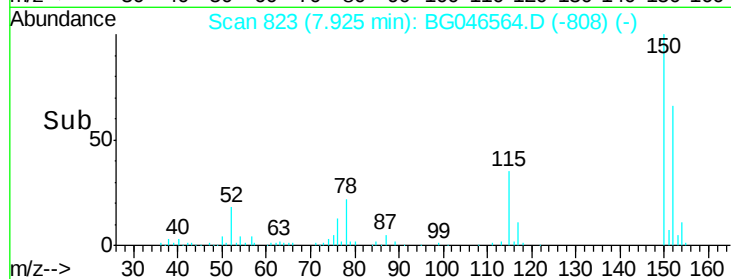
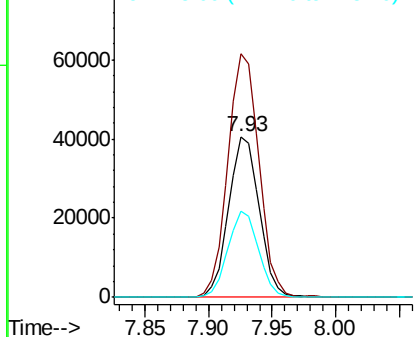
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion:152 Resp: 67684
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 53.4 44.3 66.5



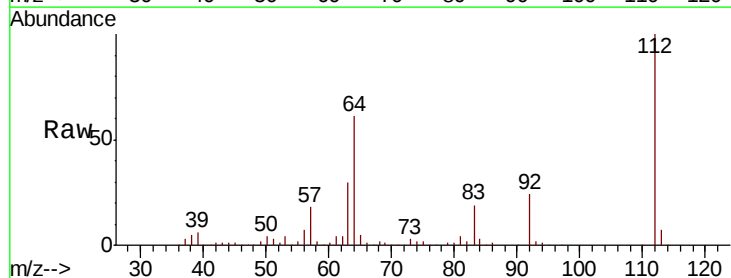
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



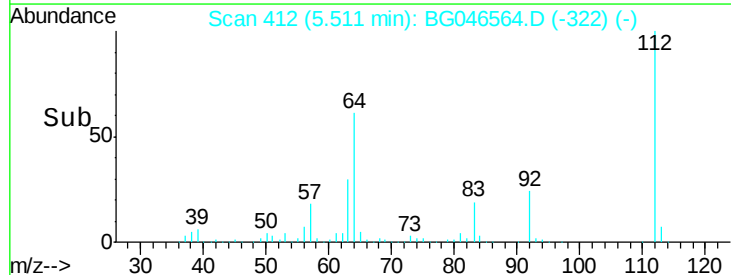
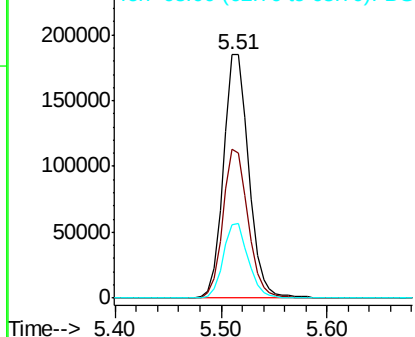
#5

2-Fluorophenol
Concen: 80.472 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion:112 Resp: 307515
Ion Ratio Lower Upper
112 100
64 61.3 47.0 70.6
63 30.1 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 75.923 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

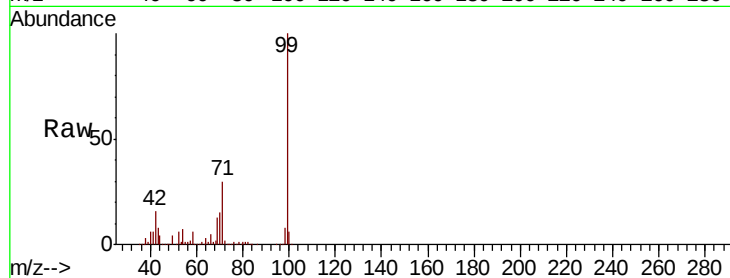
Tot Ion: 99 Resp: 411291

Ion Ratio Lower Upper

99 100

42 16.3 13.3 19.9

71 30.1 25.3 37.9

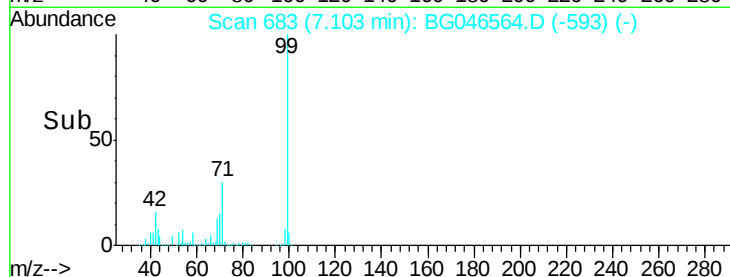
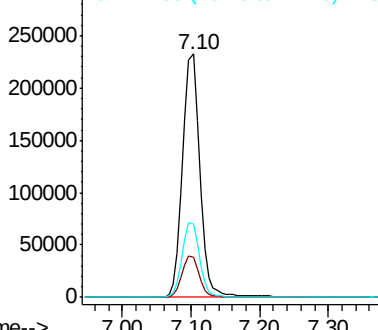


Abundance

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: BG046564.D

Acq: 8 Sep 2020 19:16

Tgt Ion: 136 Resp: 282752

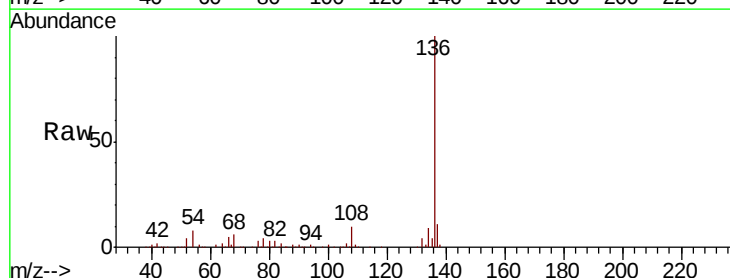
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.2 6.1 9.1

68 5.5 4.8 7.2



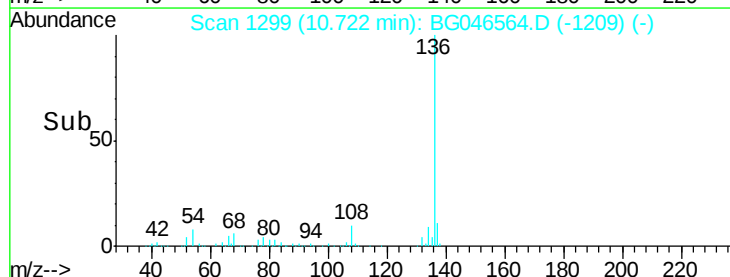
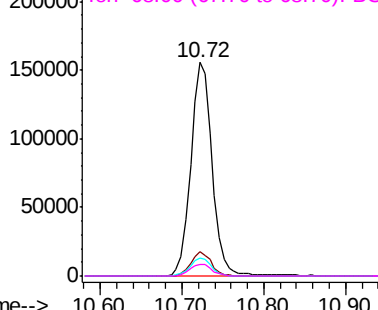
Abundance

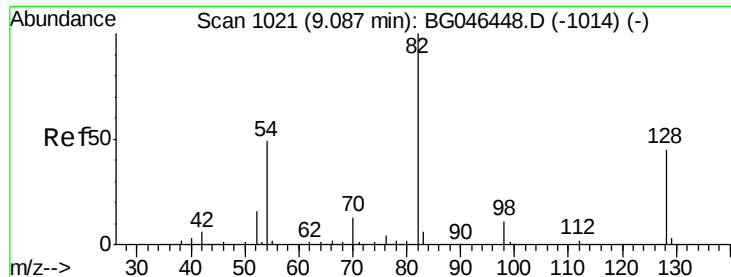
Ion 136.00 (135.70 to 136.70): BGC

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

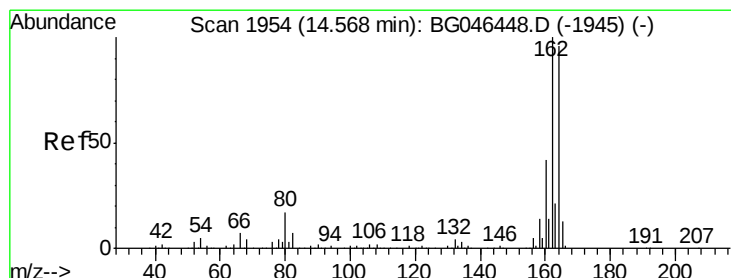
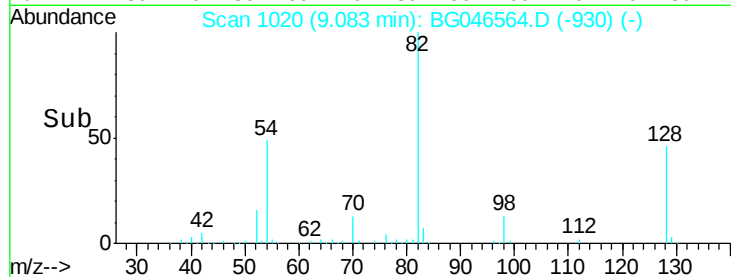
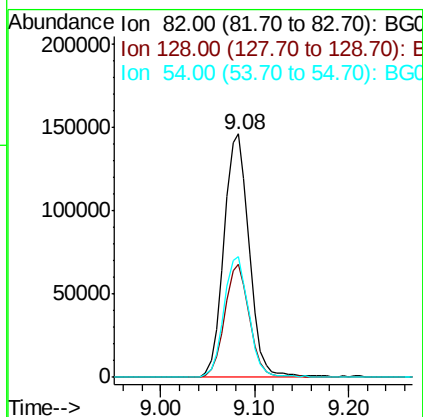
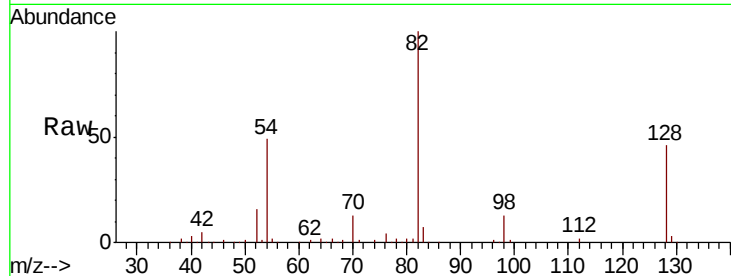




#23
 Nitrobenzene-d5
 Concen: 55.292 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046564.D
 Acq: 8 Sep 2020 19:16

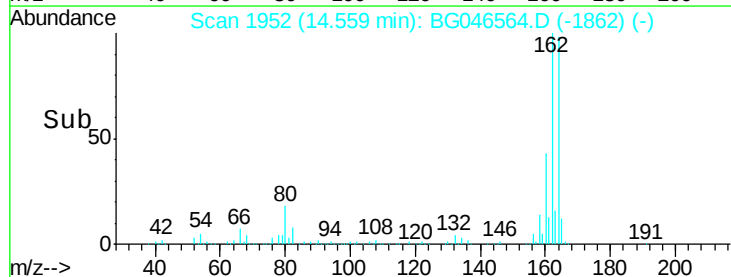
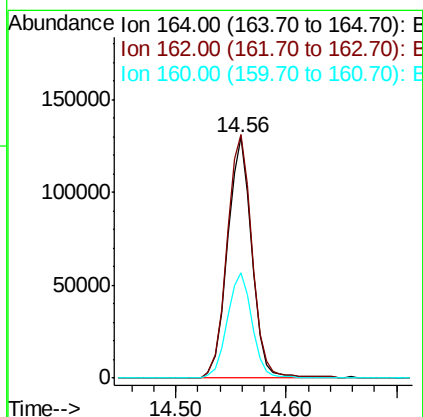
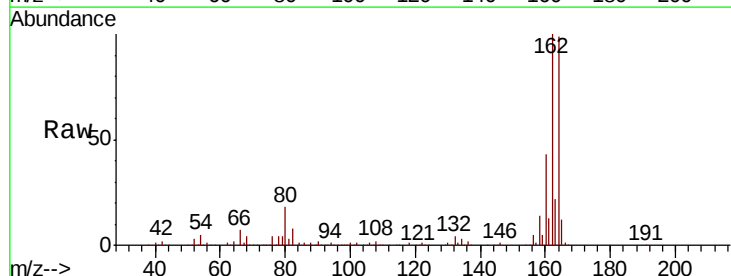
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-0-10

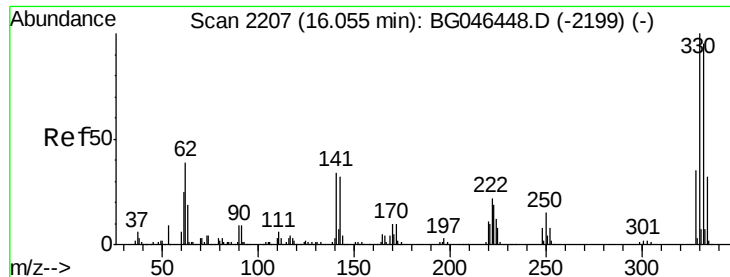
Tot Ion: 82 Resp: 273534
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.7 53.5
 54 49.4 39.4 59.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046564.D
 Acq: 8 Sep 2020 19:16

Tgt Ion: 164 Resp: 200879
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.3 124.9
 160 43.7 35.0 52.6

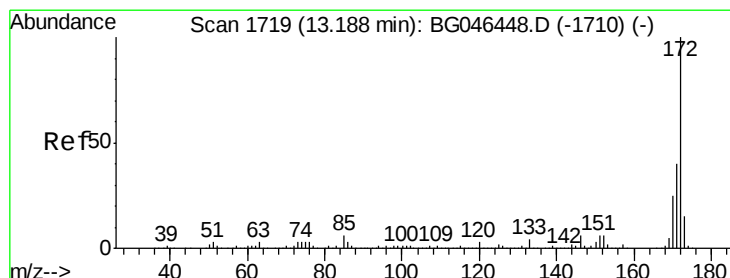
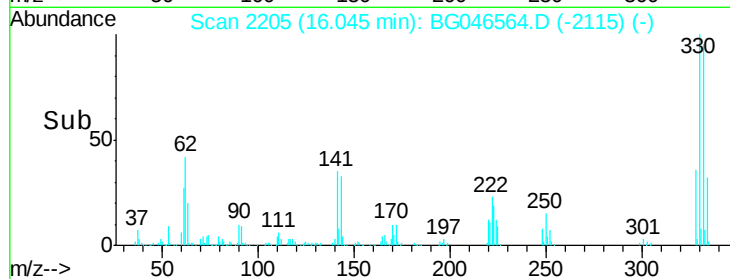
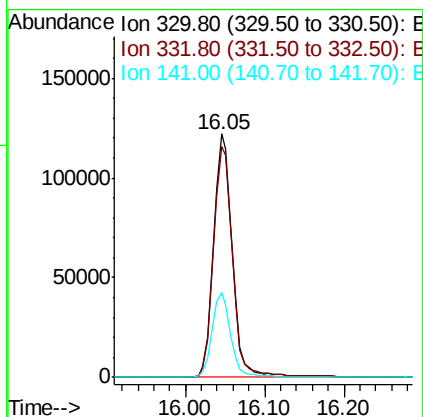
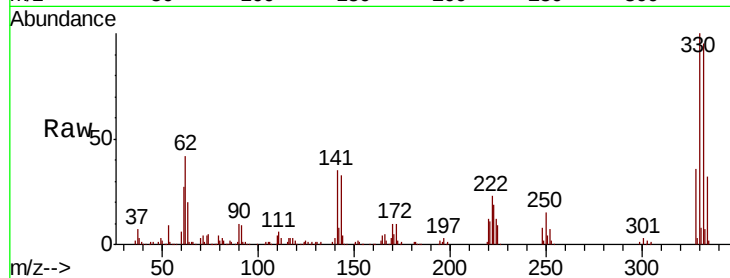




#42
 2,4,6-Tribromophenol
 Concen: 74.003 ng
 RT: 16.05 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG046564.D
 Acq: 8 Sep 2020 19:16

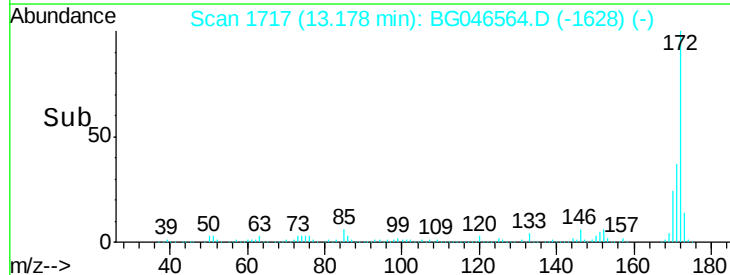
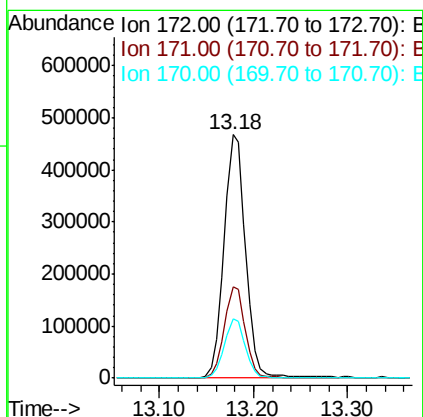
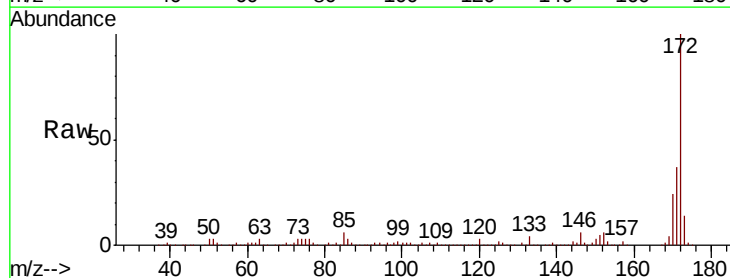
Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-0-10

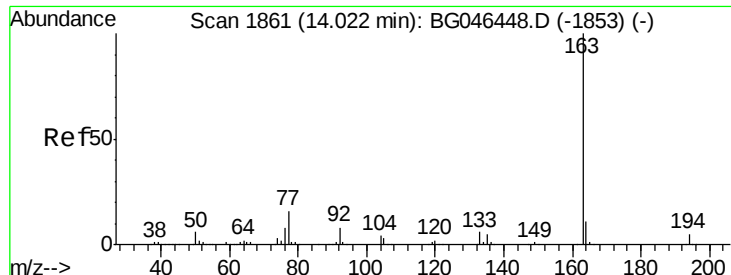
Tot Ion:330 Resp: 201419
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 34.5 26.1 39.1



#45
 2-Fluorobiphenyl
 Concen: 56.946 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046564.D
 Acq: 8 Sep 2020 19:16

Tgt Ion:172 Resp: 749344
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.8 47.6
 170 24.2 20.3 30.5





#50

Dimethylphthalate

Concen: 6.958 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

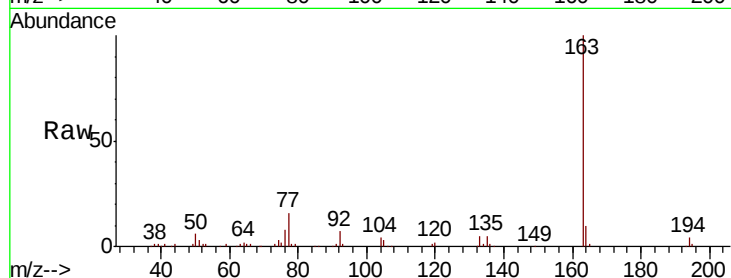
Tot Ion:163 Resp: 108140

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

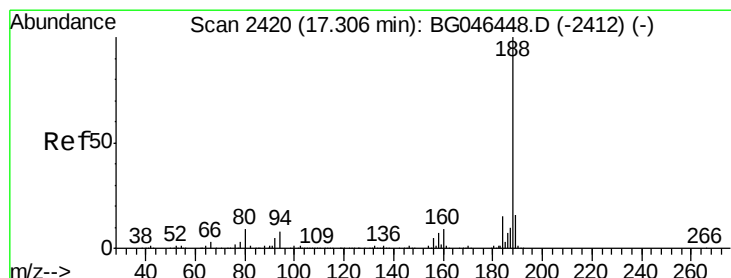
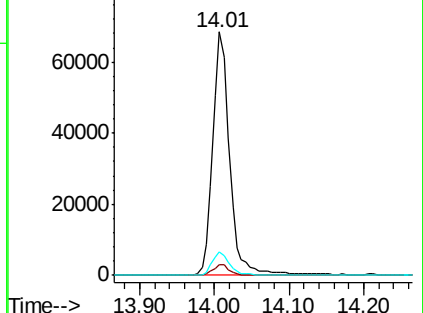
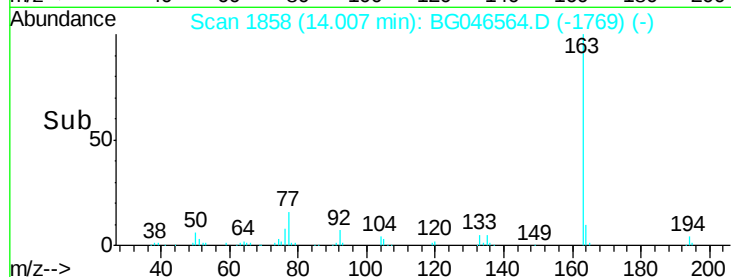
164 9.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

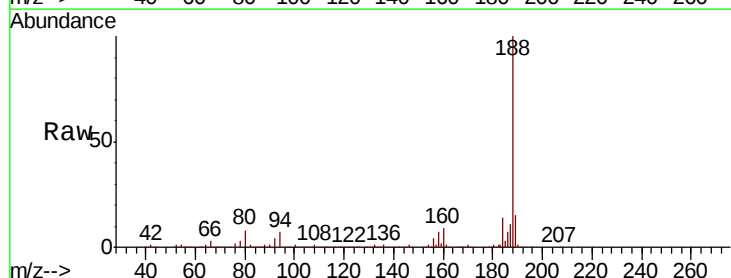
Tgt Ion:188 Resp: 465545

Ion Ratio Lower Upper

188 100

94 7.2 6.3 9.5

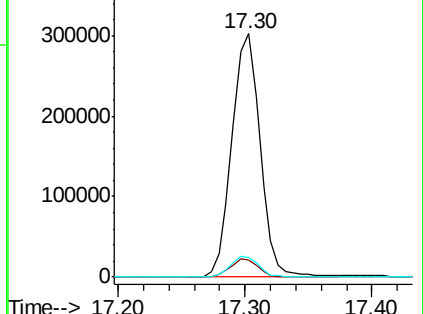
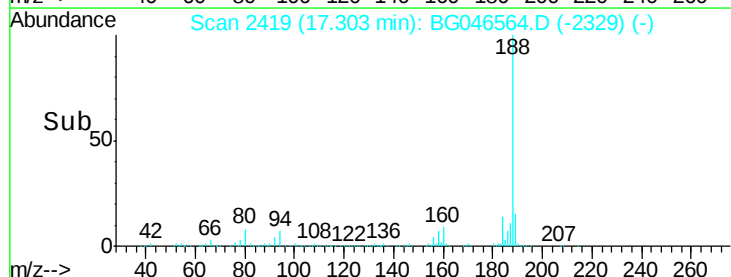
80 8.1 6.9 10.3

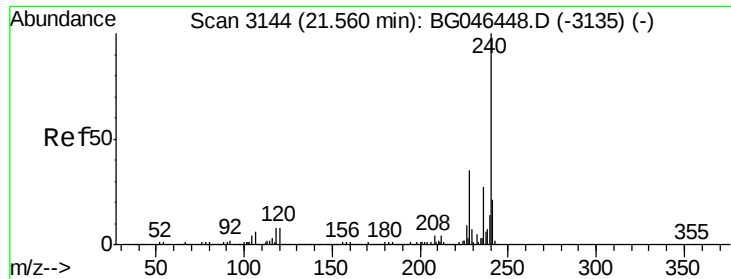


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

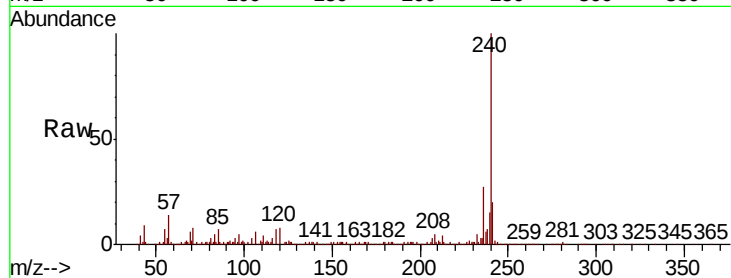




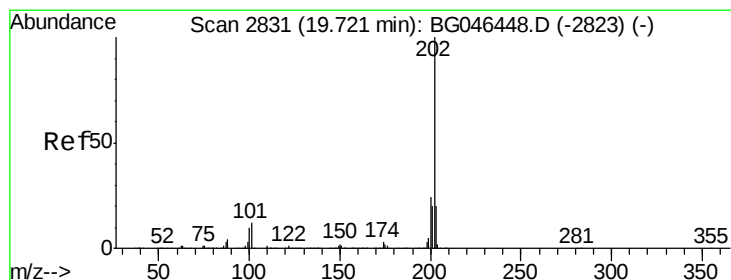
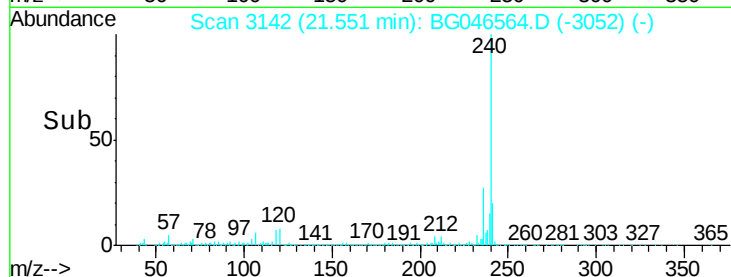
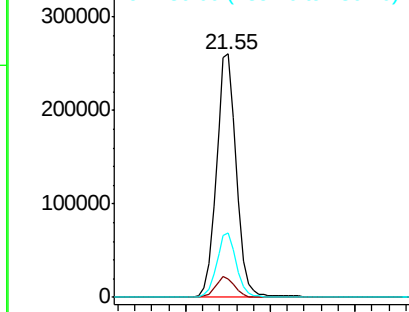
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion:240 Resp: 431351
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 26.6 21.4 32.2

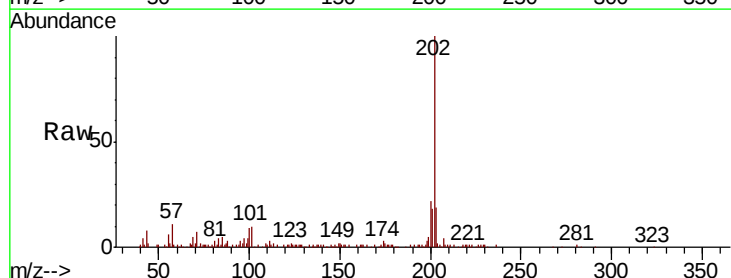


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

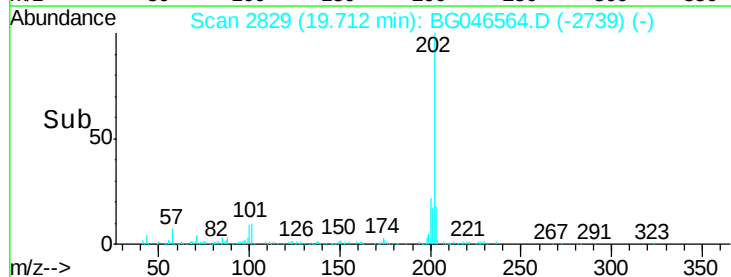
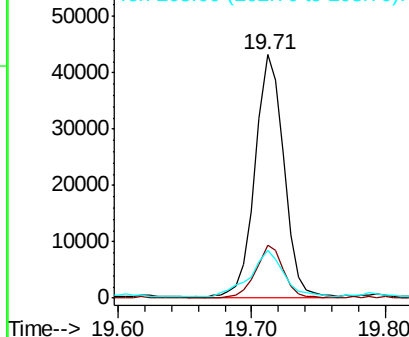


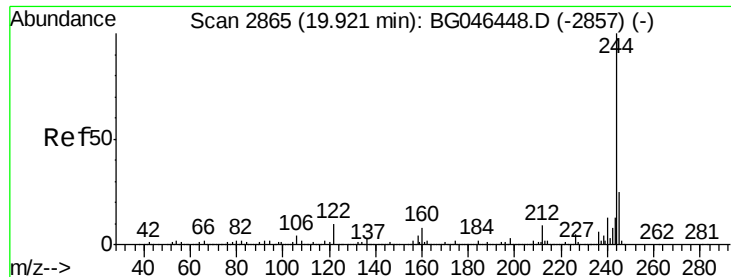
#78
Pyrene
Concen: 2.327 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG046564.D
Acq: 8 Sep 2020 19:16

Tgt Ion:202 Resp: 63909
Ion Ratio Lower Upper
202 100
200 21.7 18.9 28.3
203 19.4 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.673 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-0-10

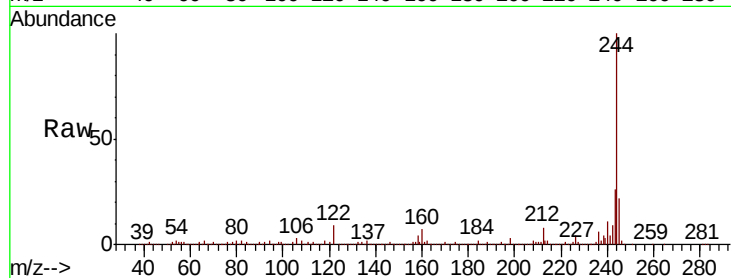
Tot Ion:244 Resp: 1087880

Ion Ratio Lower Upper

244 100

212 7.5 6.9 10.3

122 9.0 8.2 12.4

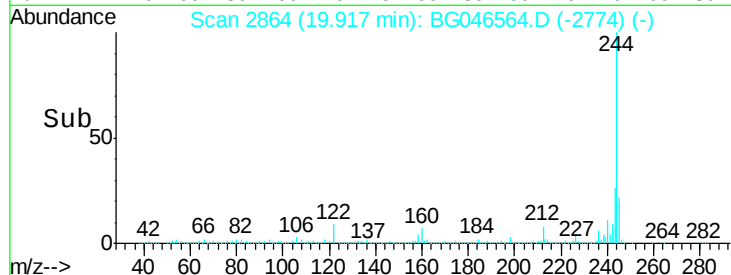


Abundance Ion 244.00 (243.70 to 244.70): E

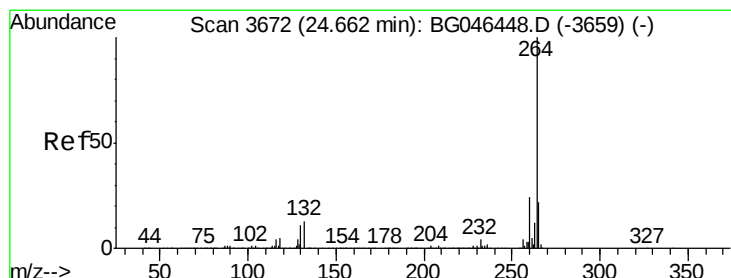
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 19.80 19.90 20.00



Time--> 19.80 19.90 20.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG046564.D

Acq: 8 Sep 2020 19:16

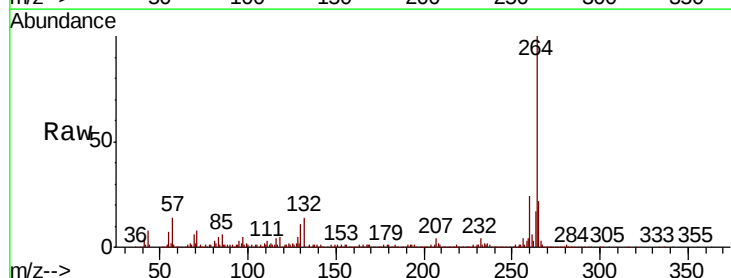
Tgt Ion:264 Resp: 425079

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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--> 24.50 24.60 24.70 24.80

