

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
 Data File : BG046565.D
 Acq On : 8 Sep 2020 19:56
 Operator : CG/JU
 Sample : L3808-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-10-20

Quant Time: Sep 09 01:08:04 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

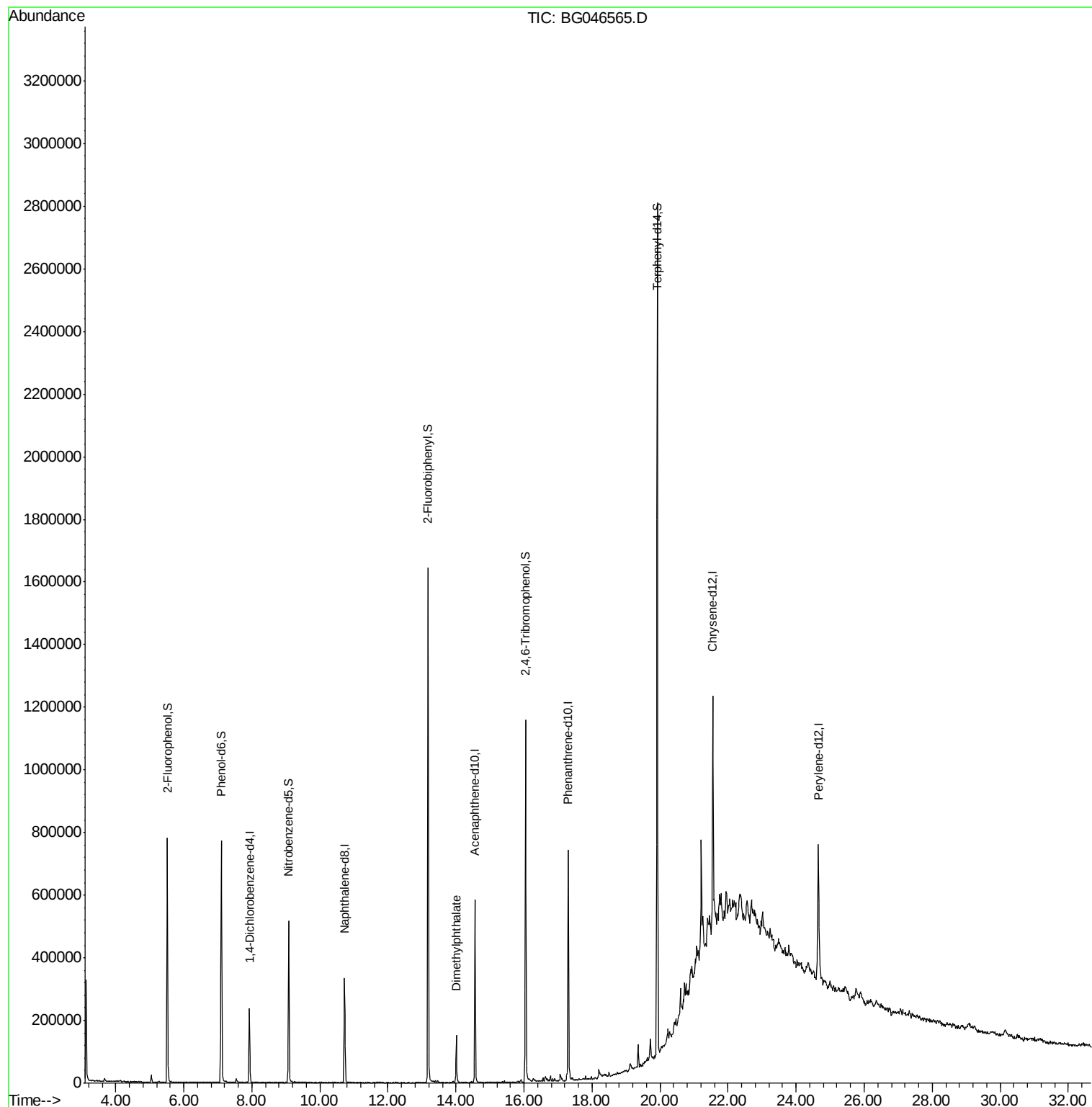
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	73759	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	306536	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	218541	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	498849	20.00	ng	0.00
76) Chrysene-d12	21.55	240	451465	20.00	ng	0.00
86) Perylene-d12	24.65	264	450289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	378147	90.80	ng	0.00
7) Phenol-d6	7.10	99	506330	85.77	ng	0.00
23) Nitrobenzene-d5	9.08	82	338396	63.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	249874	84.39	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	921022	64.34	ng	0.00
79) Terphenyl-d14	19.91	244	1293592	60.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	119101	7.044	ng	99

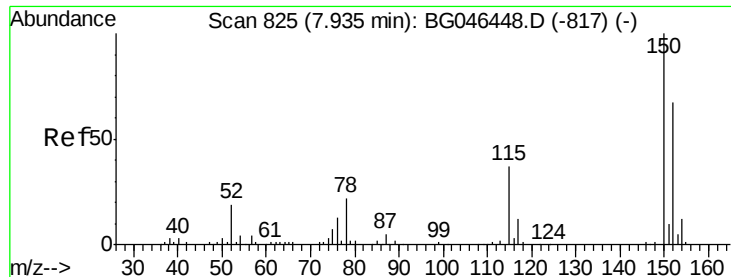
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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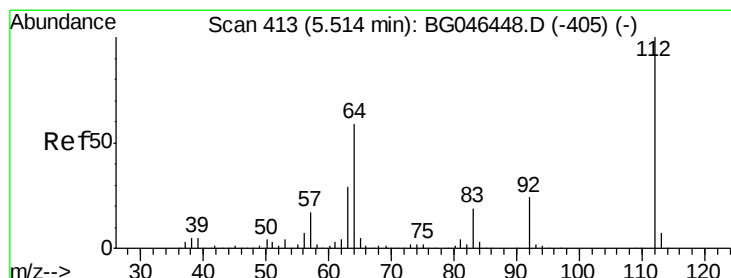
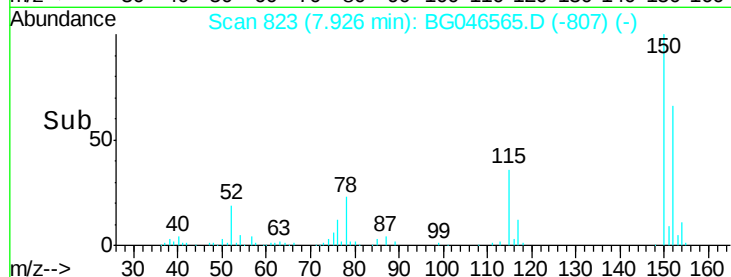
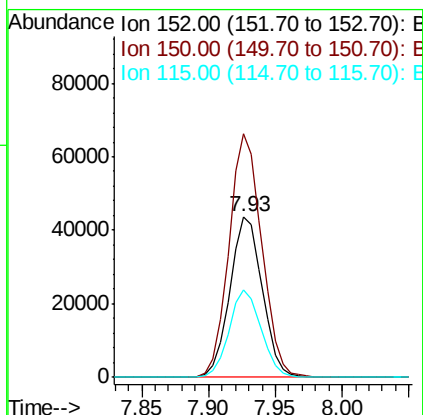
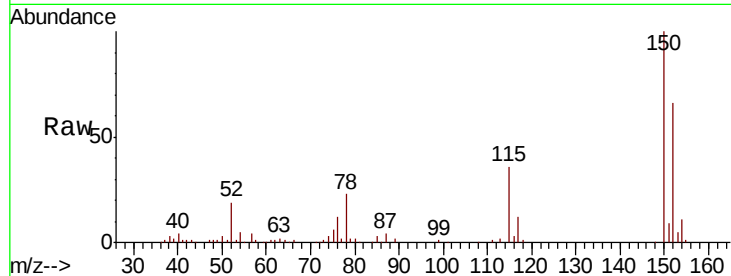


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-10-20

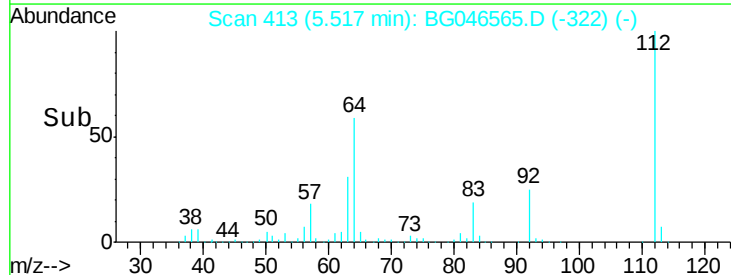
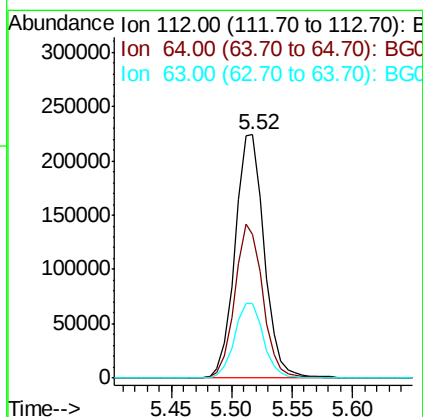
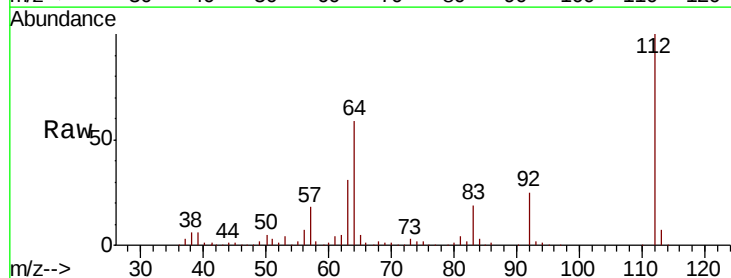
Tot Ion:152 Resp: 73759
Ion Ratio Lower Upper
152 100
150 151.5 119.5 179.3
115 54.4 44.3 66.5



#5

2-Fluorophenol
Concen: 90.805 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Tgt Ion:112 Resp: 378147
Ion Ratio Lower Upper
112 100
64 59.0 47.0 70.6
63 30.7 23.5 35.3





#7

Phenol-d6

Concen: 85.768 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

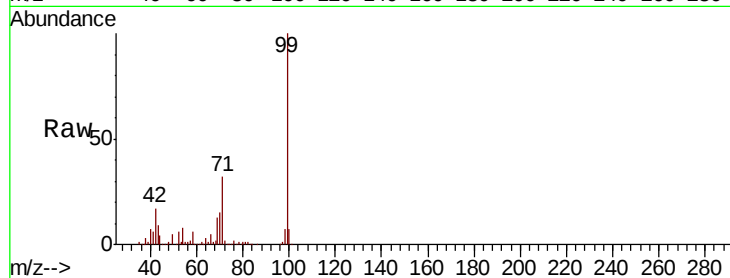
Tot Ion: 99 Resp: 506330

Ion Ratio Lower Upper

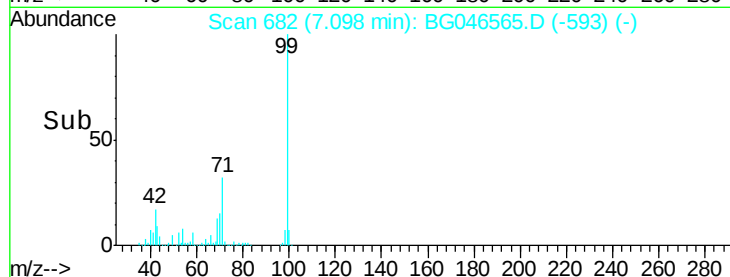
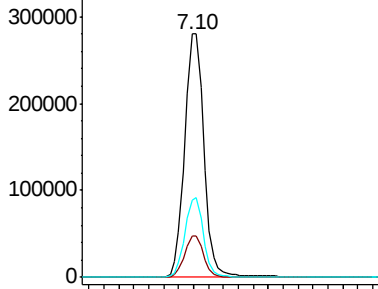
99 100

42 17.0 13.3 19.9

71 31.9 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: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Tgt Ion: 136 Resp: 306536

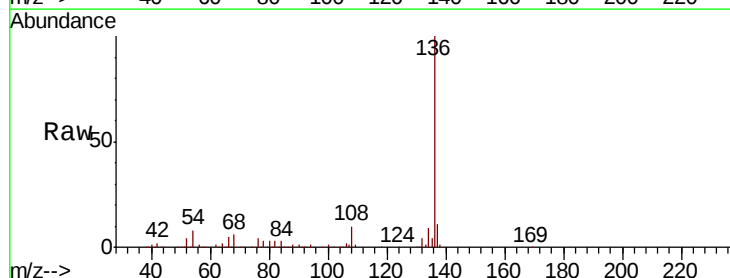
Ion Ratio Lower Upper

136 100

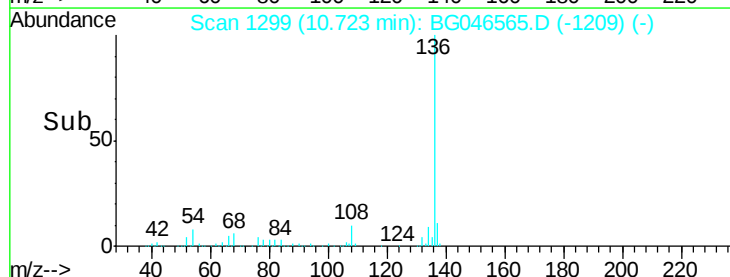
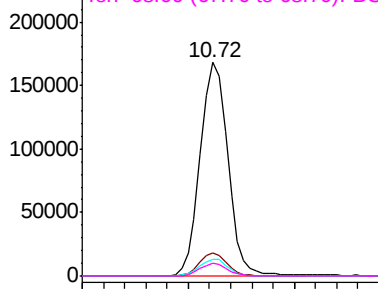
137 10.9 8.8 13.2

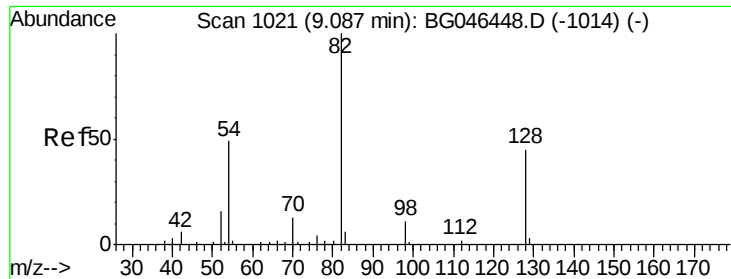
54 7.7 6.1 9.1

68 5.9 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

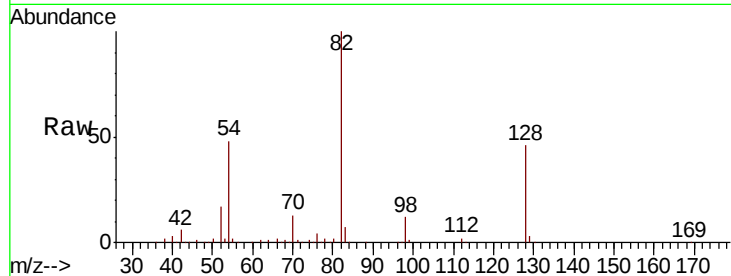




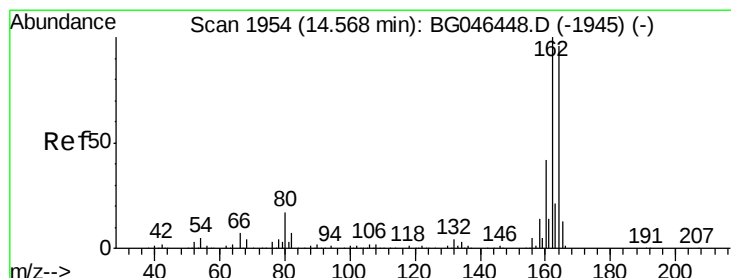
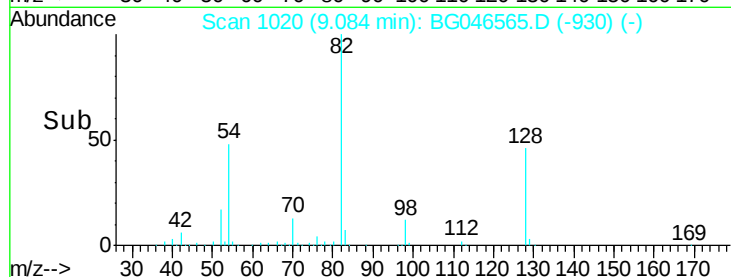
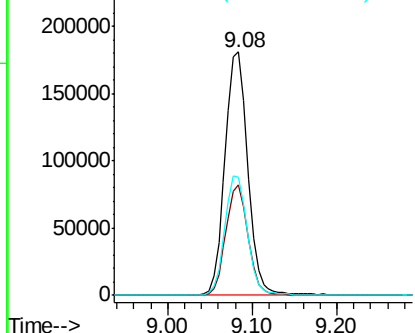
#23
 Nitrobenzene-d5
 Concen: 63.096 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B44-090320-10-20

Tot Ion	82	Resp	338396
Ion Ratio	Lower	Upper	
82	100		
128	45.5	35.7	53.5
54	48.5	39.4	59.0

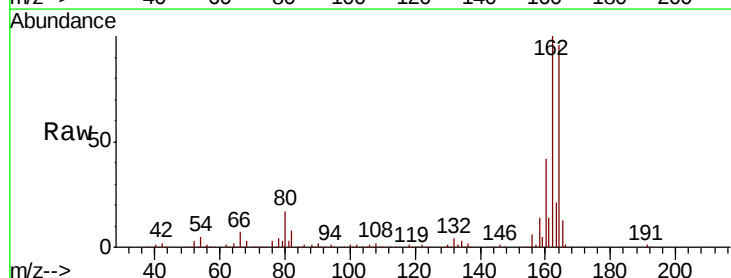


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

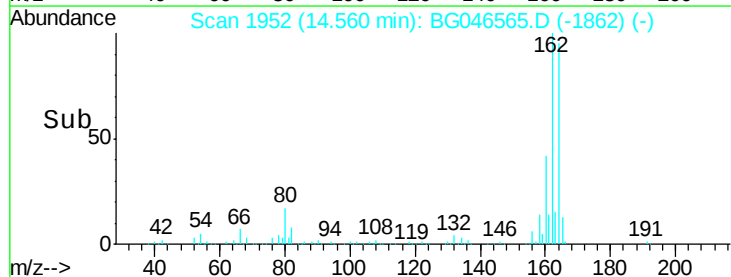
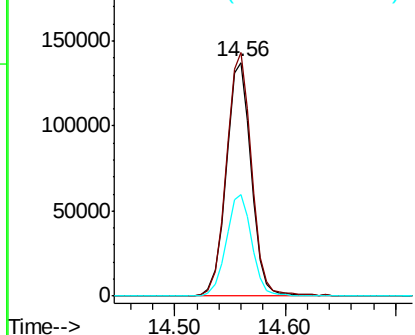


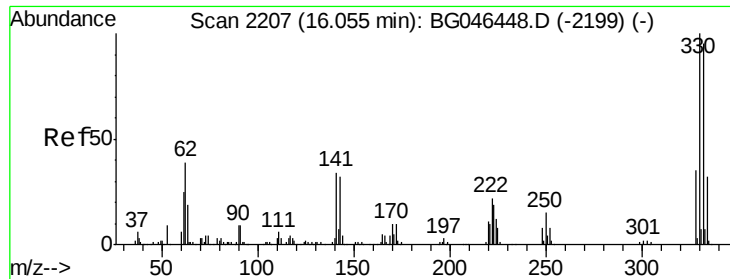
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Tgt Ion	164	Resp	218541
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.3	124.9
160	43.5	35.0	52.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 84.386 ng

RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

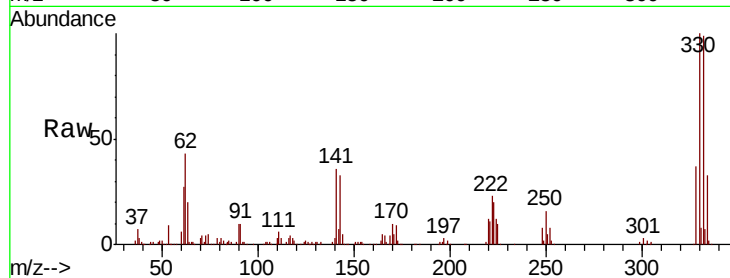
Tot Ion:330 Resp: 249874

Ion Ratio Lower Upper

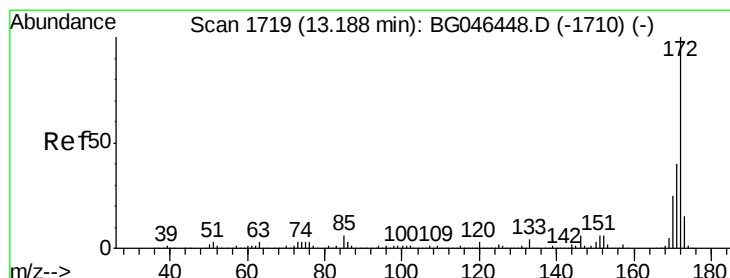
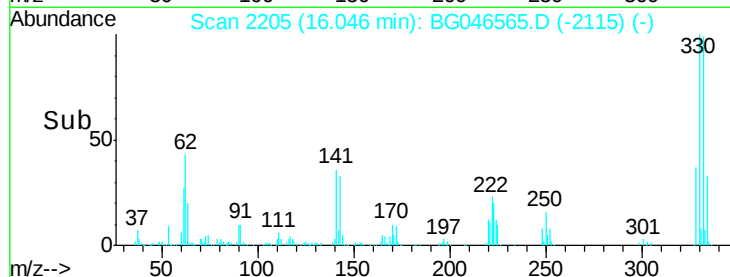
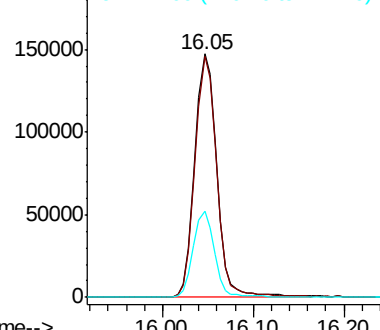
330 100

332 97.7 76.1 114.1

141 34.3 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: 64.336 ng

RT: 13.18 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

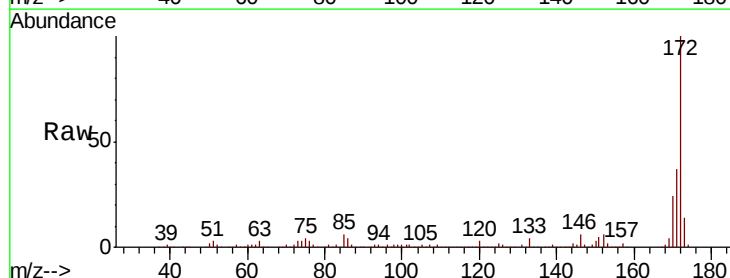
Tgt Ion:172 Resp: 921022

Ion Ratio Lower Upper

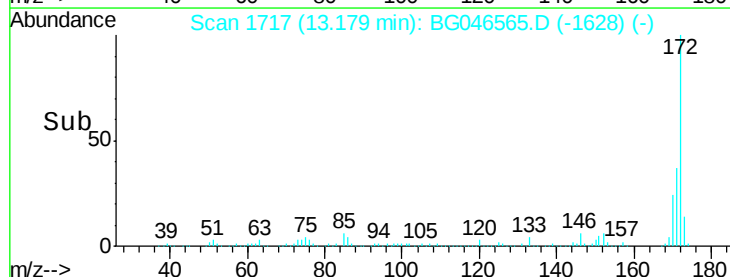
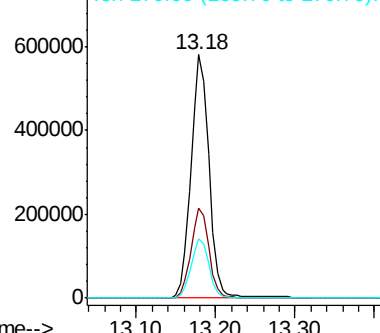
172 100

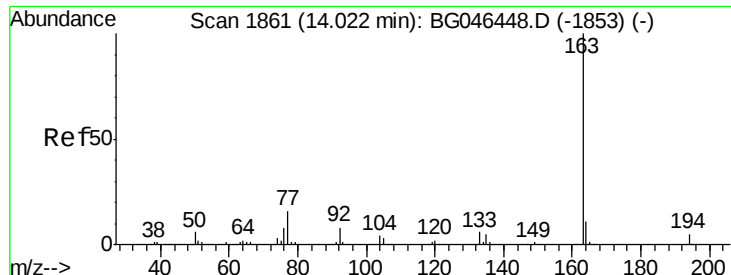
171 36.8 31.8 47.6

170 24.5 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





#50

Dimethylphthalate

Concen: 7.044 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

Instrument :

BNA_G

ClientSampleId :

PAV-B44-090320-10-20

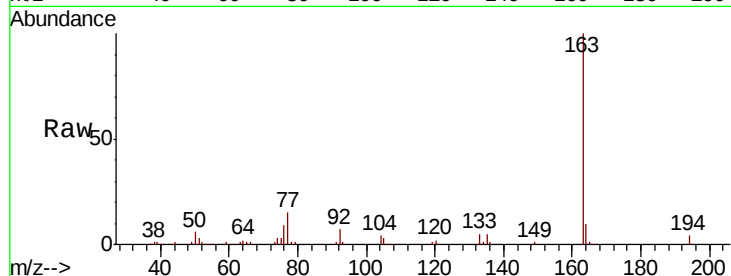
Tot Ion:163 Resp: 119101

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

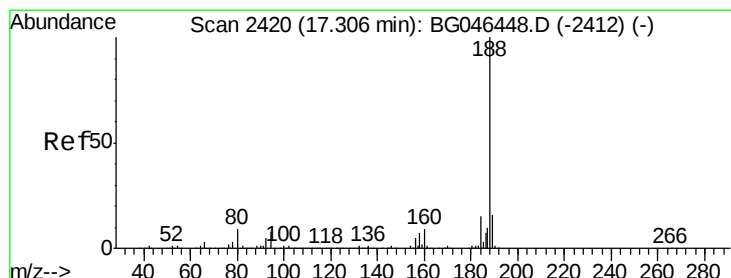
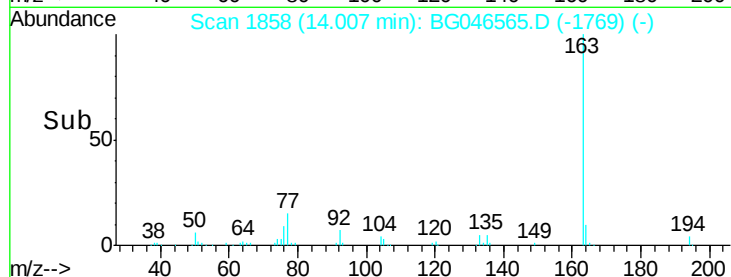
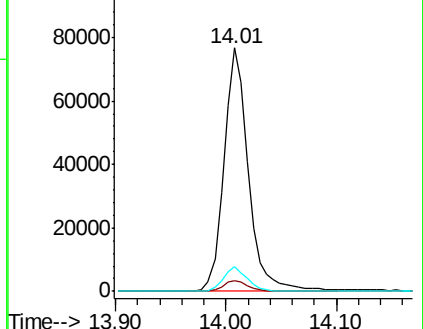
164 10.3 8.6 12.8



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# 2418

Delta R.T. -0.01 min

Lab File: BG046565.D

Acq: 8 Sep 2020 19:56

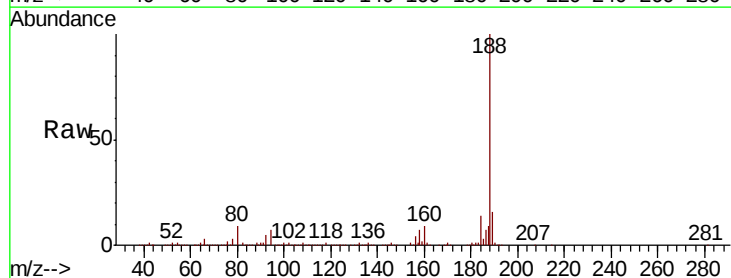
Tgt Ion:188 Resp: 498849

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

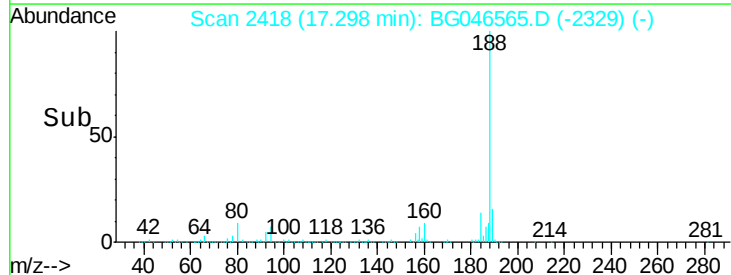
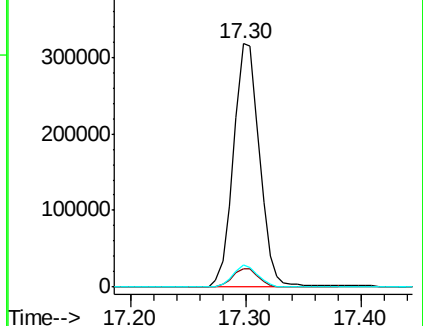
80 9.2 6.9 10.3

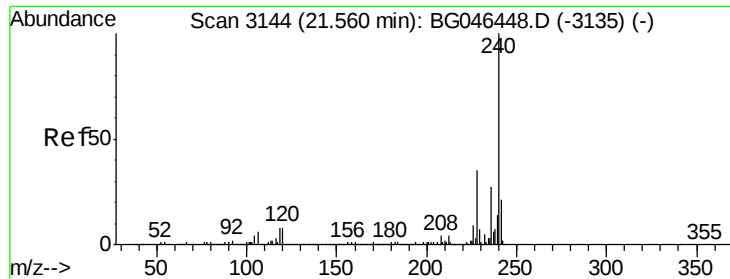


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

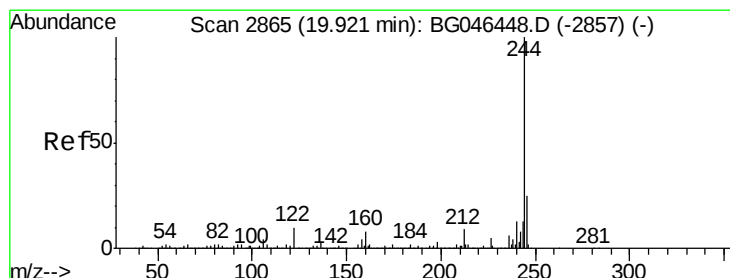
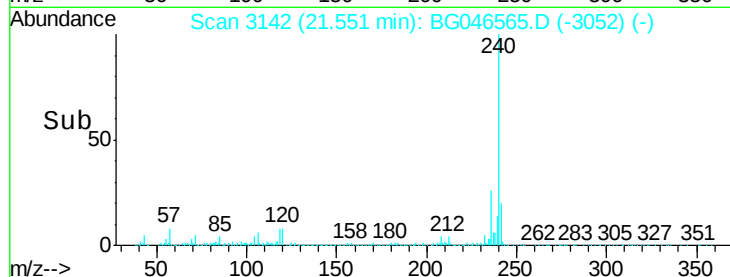
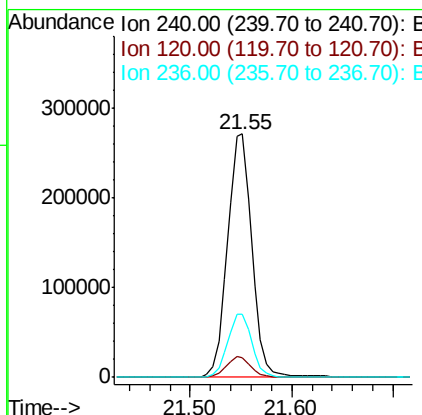
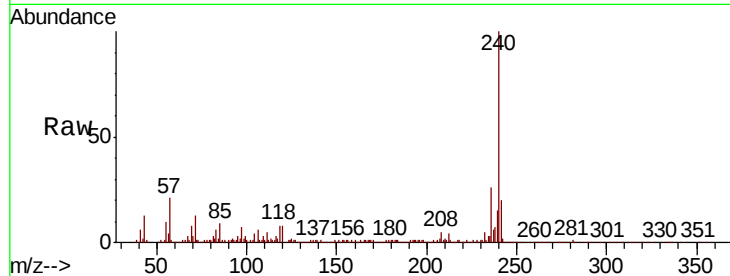




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

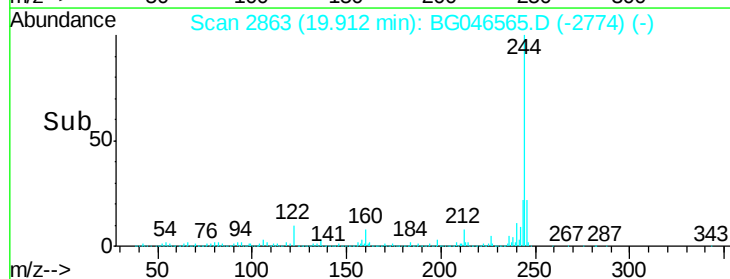
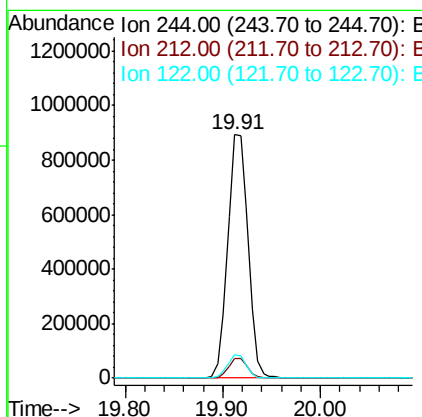
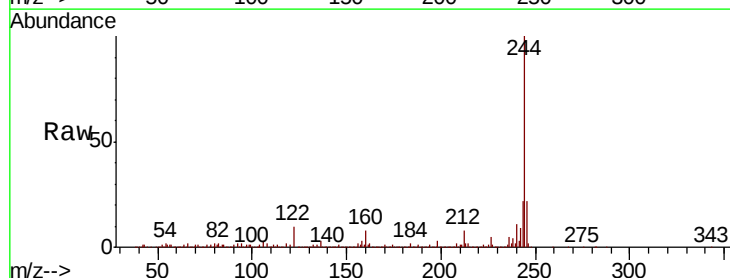
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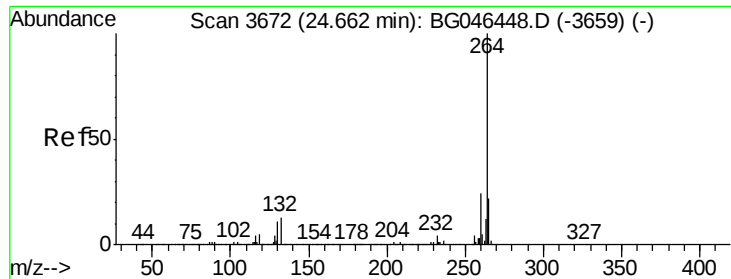
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	10.0
236	26.0	21.4	32.2



#79
 Terphenyl-d14
 Concen: 60.979 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG046565.D
 Acq: 8 Sep 2020 19:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	9.7	8.2	12.4

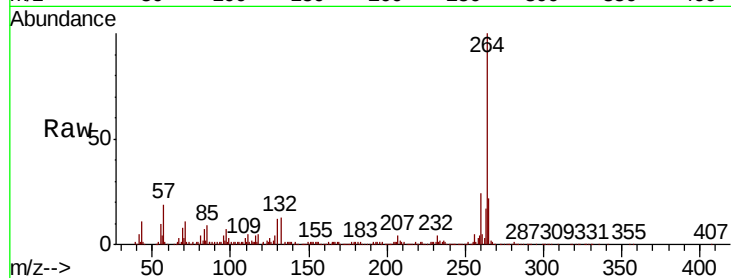




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046565.D
Acq: 8 Sep 2020 19:56

Instrument :
BNA_G
ClientSampleId :
PAV-B44-090320-10-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

