

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045924.D
 Acq On : 2 Jul 2020 21:25
 Operator : CG/JU
 Sample : L3172-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-SS

Quant Time: Jul 03 01:13:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 14:02:29 2020
 Response via : Initial Calibration

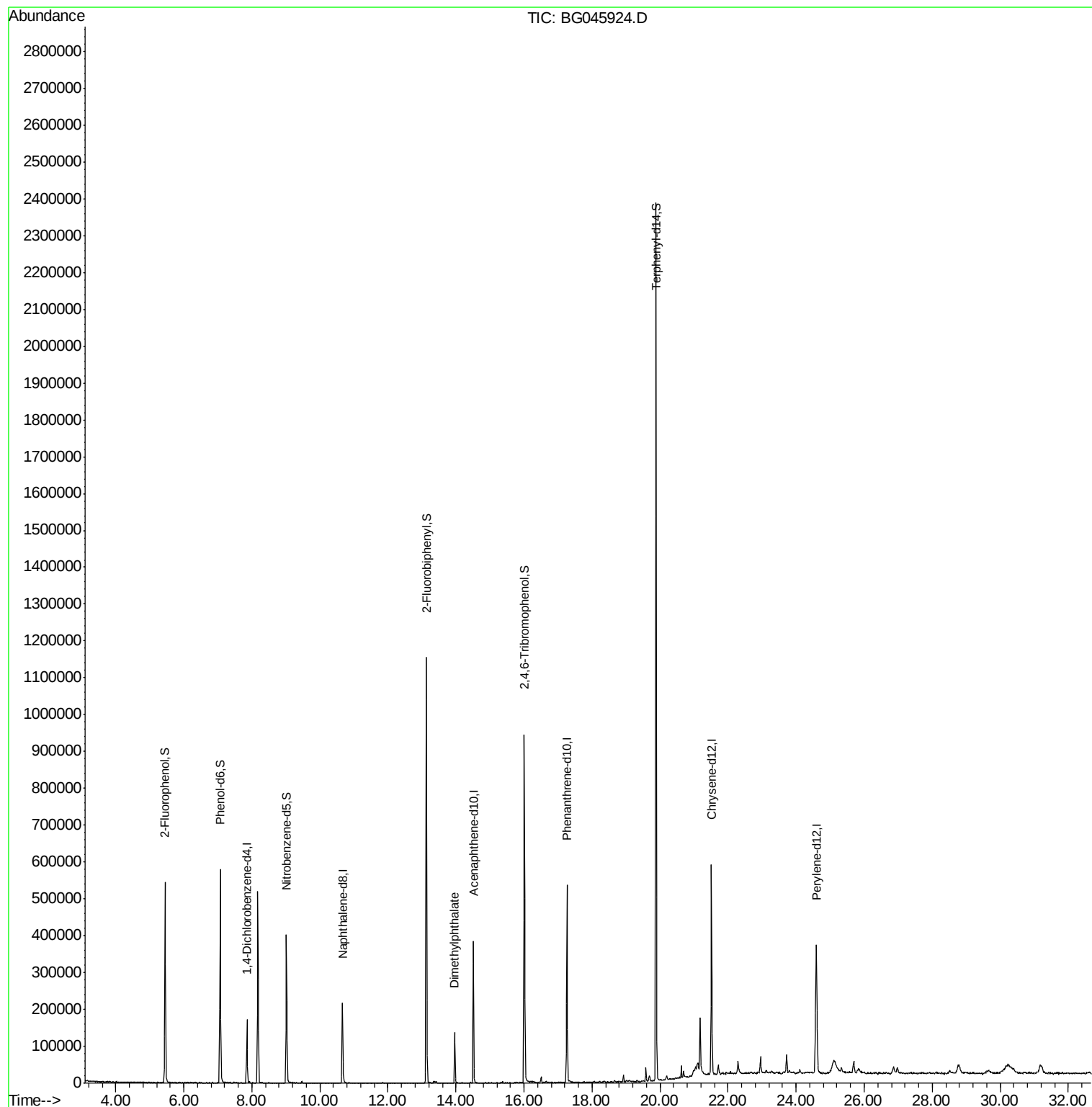
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	50628	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197424	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	142365	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	337343	20.00	ng	0.00
76) Chrysene-d12	21.51	240	350860	20.00	ng	0.00
86) Perylene-d12	24.59	264	363097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	256246	85.50	ng	0.00
7) Phenol-d6	7.07	99	367823	80.68	ng	0.00
23) Nitrobenzene-d5	9.02	82	267306	61.85	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	189682	88.25	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	626862	64.71	ng	0.00
79) Terphenyl-d14	19.89	244	1188837	68.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.96	163	89280	8.005	ng	Qvalue 98

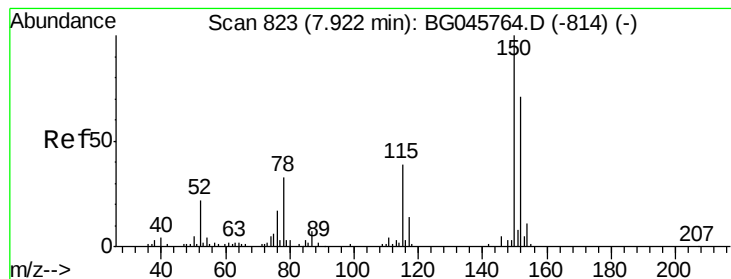
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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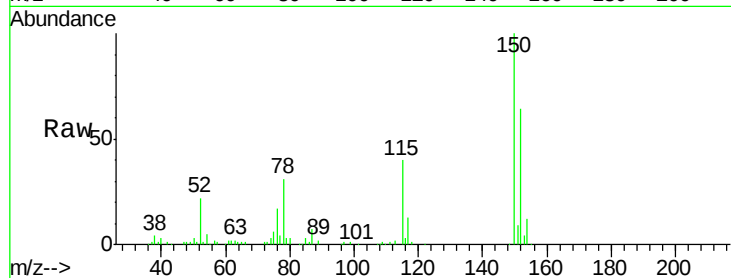


#1

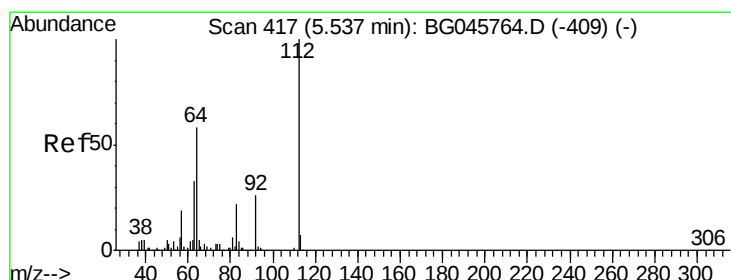
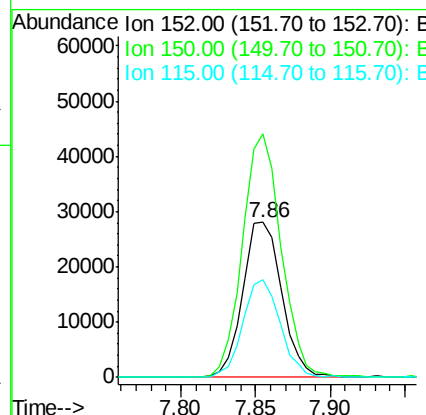
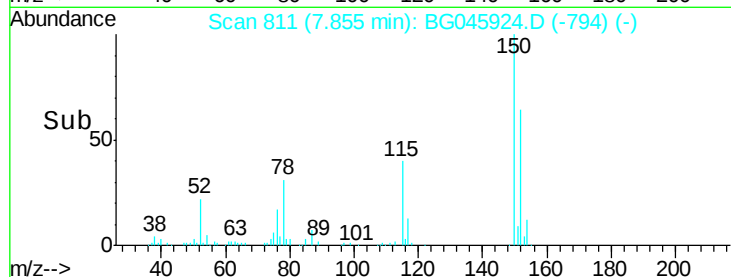
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Instrument :
BNA_G
ClientSampleId :
TP1-SS

Tot Ion:152 Resp: 50628
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 63.0 45.8 68.8



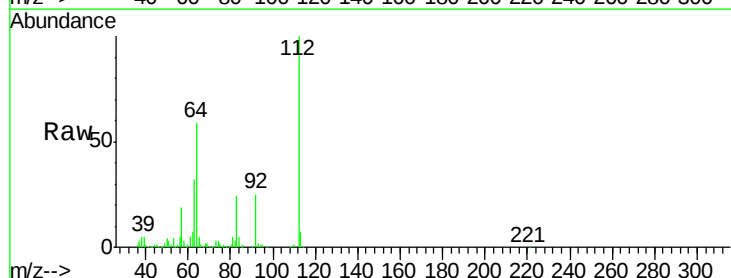
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



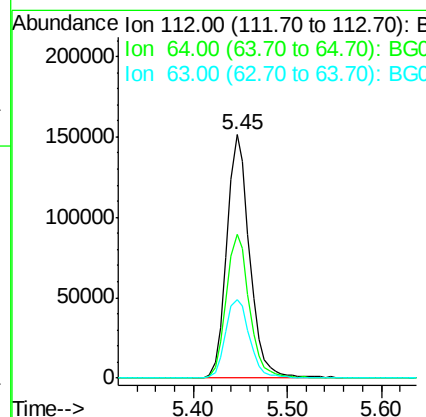
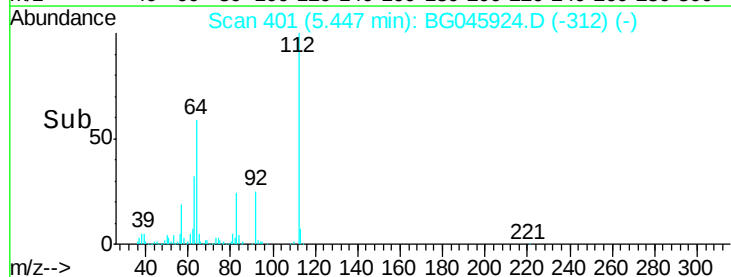
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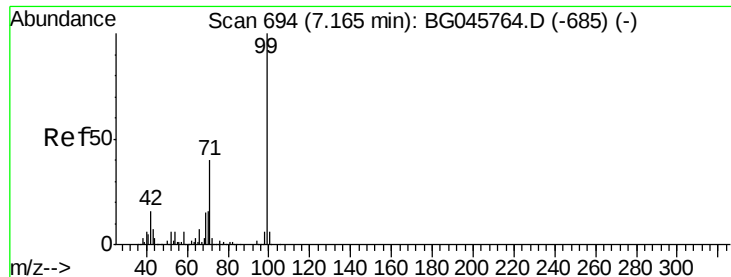
2-Fluorophenol
Concen: 85.498 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Tgt Ion:112 Resp: 256246
Ion Ratio Lower Upper
112 100
64 58.9 44.9 67.3
63 32.1 26.9 40.3



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





#7

Phenol-d6

Concen: 80.683 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Instrument :

BNA_G

ClientSampleId :

TP1-SS

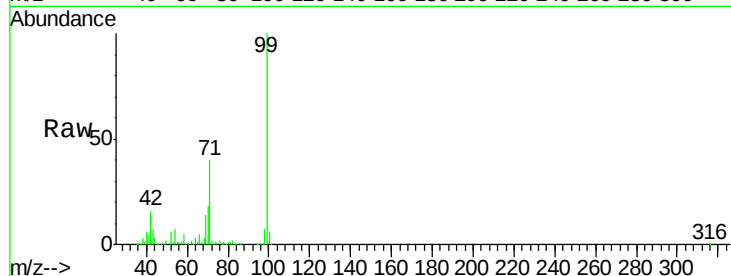
Tot Ion: 99 Resp: 367823

Ion Ratio Lower Upper

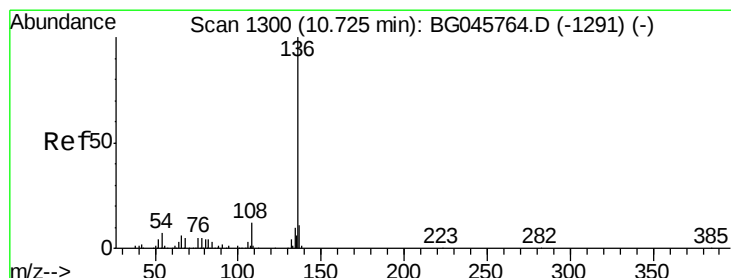
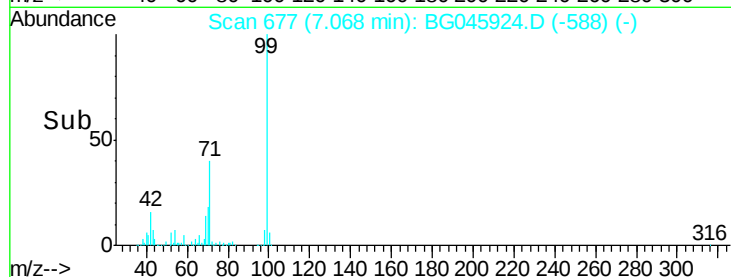
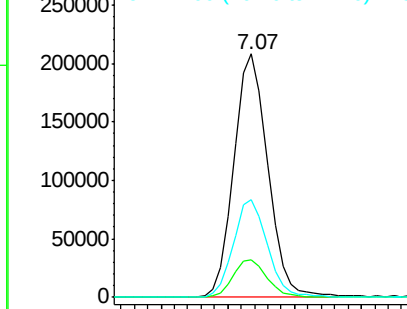
99 100

42 15.7 11.8 17.8

71 40.4 31.0 46.6



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: 10.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Tgt Ion: 136 Resp: 197424

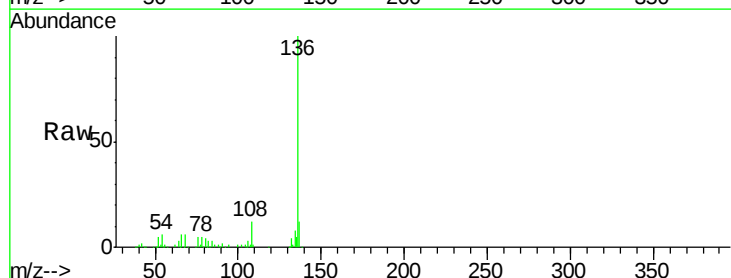
Ion Ratio Lower Upper

136 100

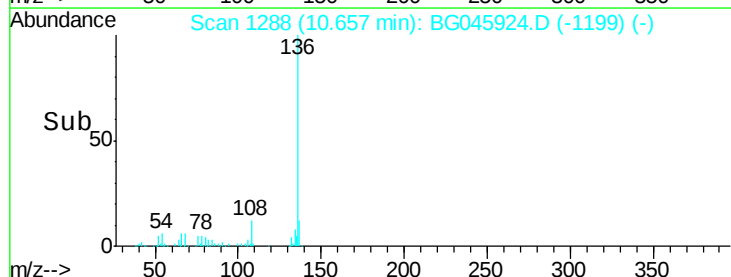
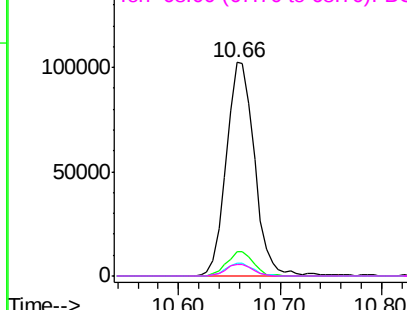
137 11.5 8.2 12.4

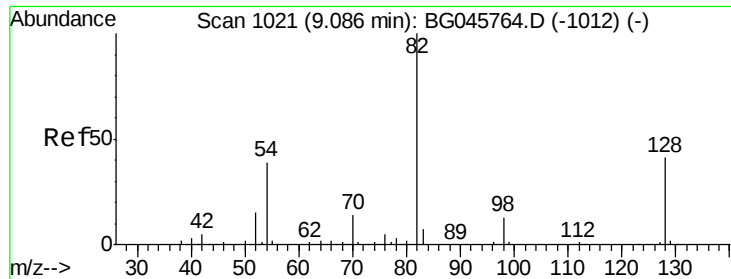
54 6.1 4.6 7.0

68 5.7 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

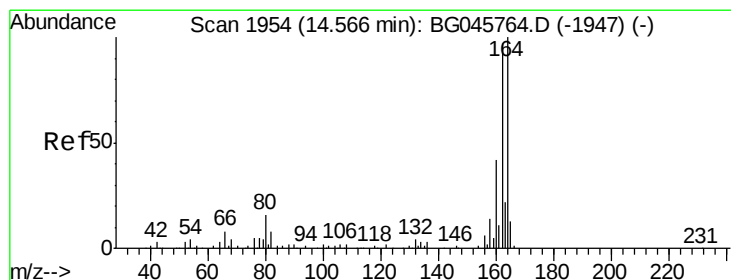
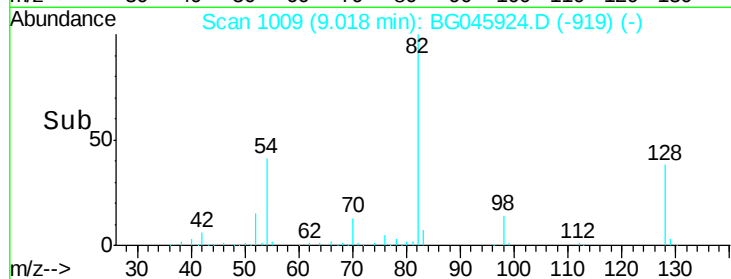
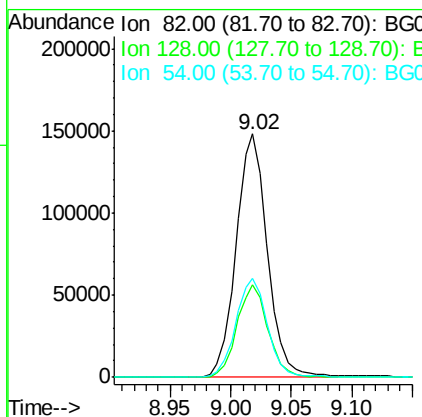
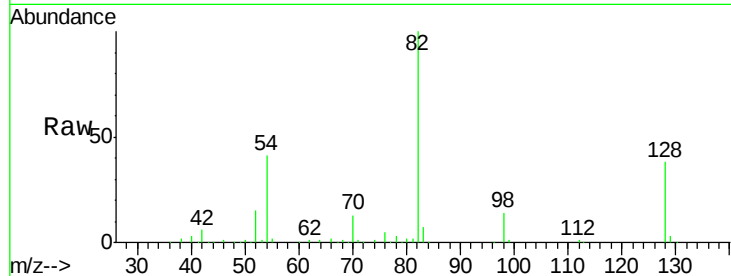




#23
 Nitrobenzene-d5
 Concen: 61.854 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

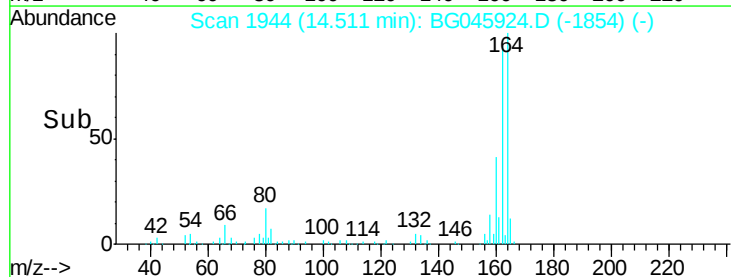
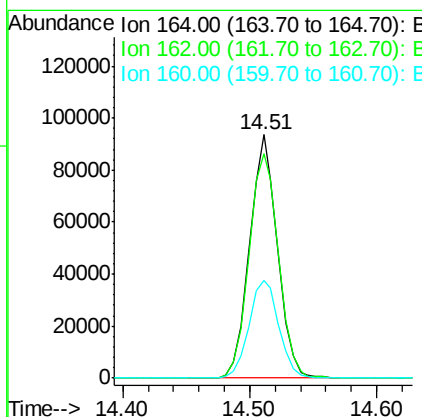
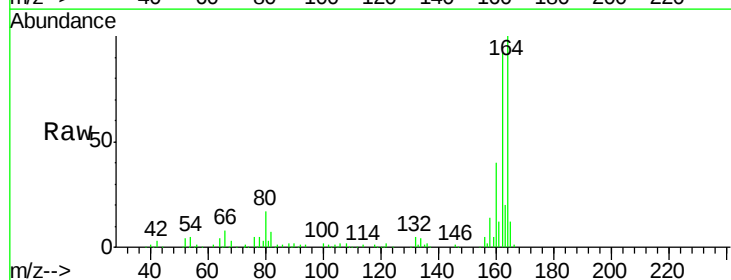
Instrument :
 BNA_G
 ClientSampleId :
 TP1-SS

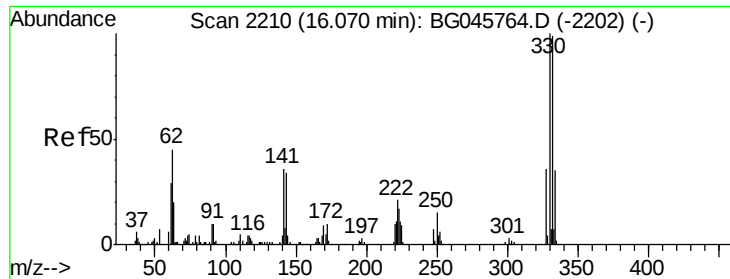
Tot Ion	82.00	Resp	267306
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.9	44.9
54	40.9	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Tgt Ion	164	Resp	142365
Ion Ratio	Lower	Upper	
164	100		
162	92.1	78.8	118.2
160	40.3	33.8	50.6

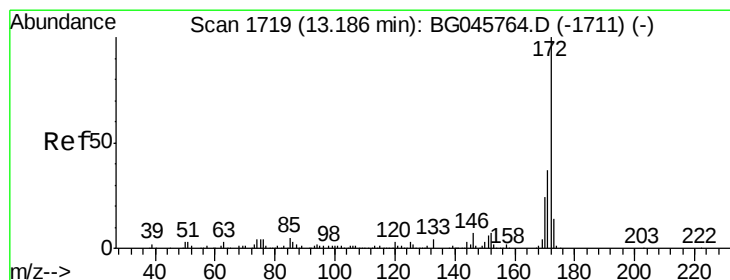
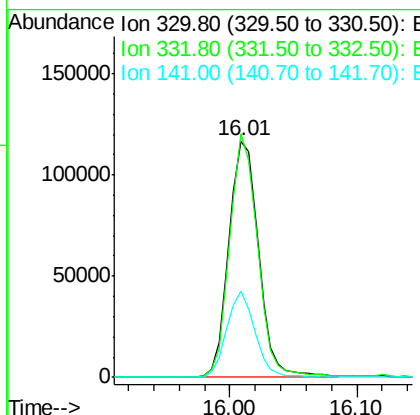
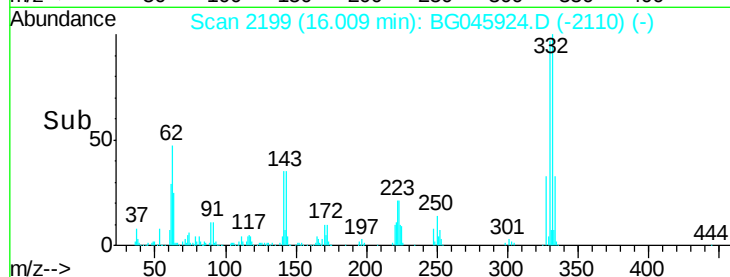
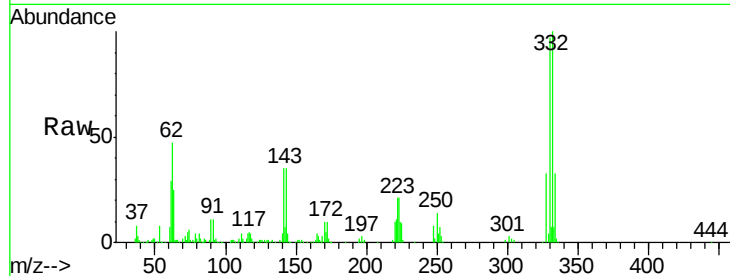




#42
 2,4,6-Tribromophenol
 Concen: 88.251 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

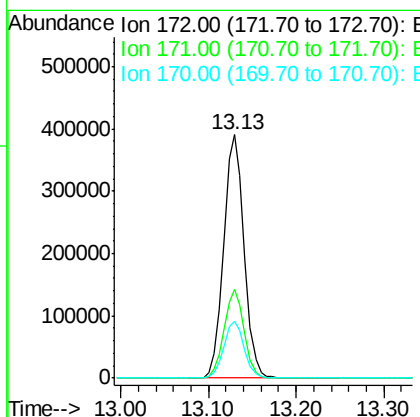
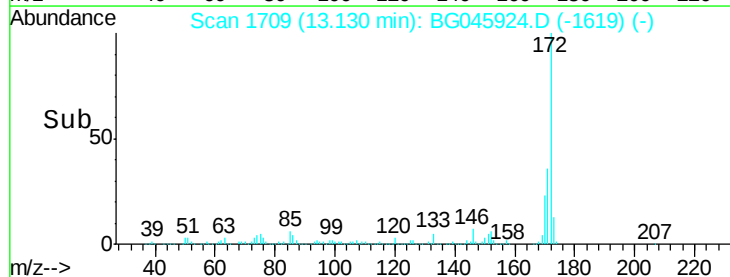
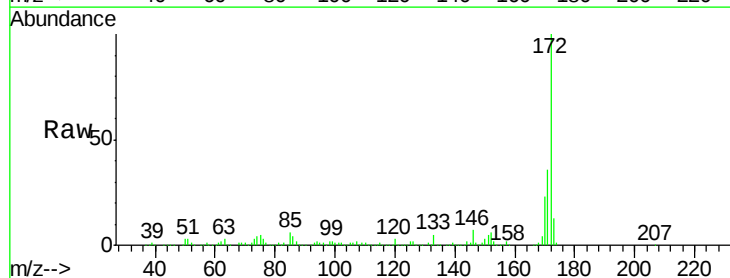
Instrument :
 BNA_G
 ClientSampleId :
 TP1-SS

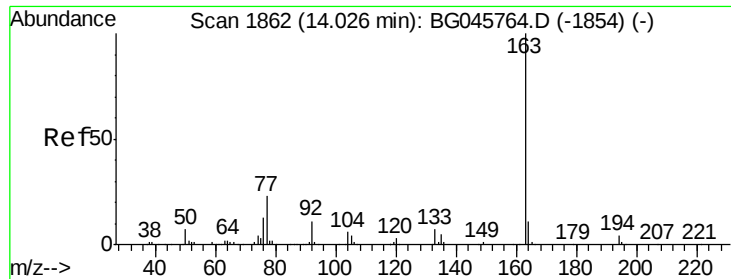
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.4	119.0
141	35.0	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 64.708 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	23.5	18.9	28.3





#50

Dimethylphthalate

Concen: 8.005 ng

RT: 13.96 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

Instrument :

BNA_G

ClientSampleId :

TP1-SS

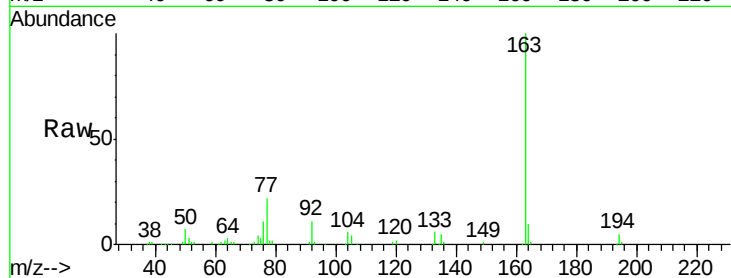
Tot Ion:163 Resp: 89280

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

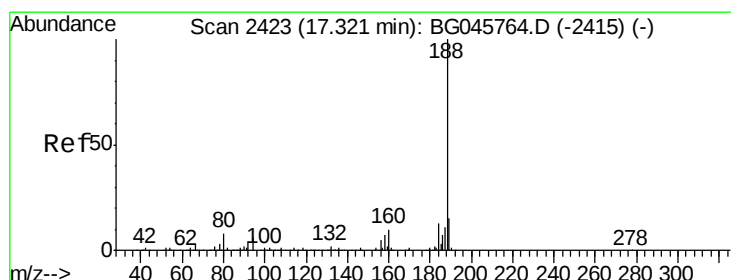
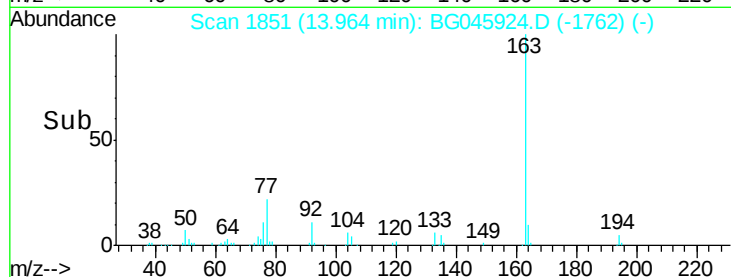
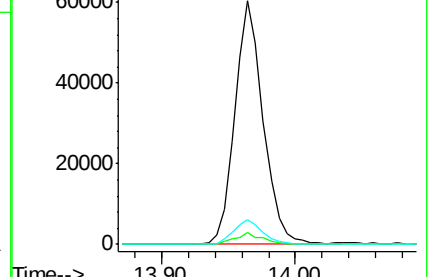
164 10.3 8.7 13.1



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: 17.26 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG045924.D

Acq: 2 Jul 2020 21:25

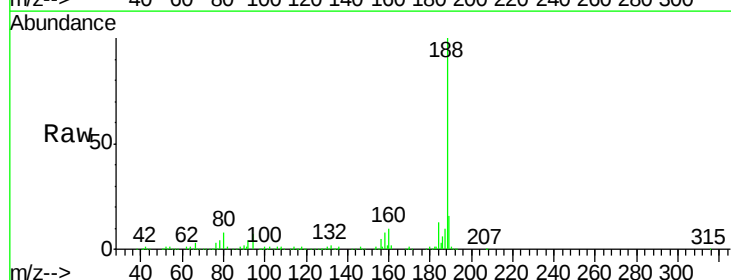
Tgt Ion:188 Resp: 337343

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

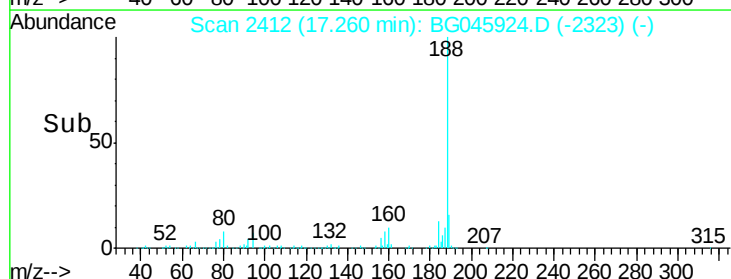
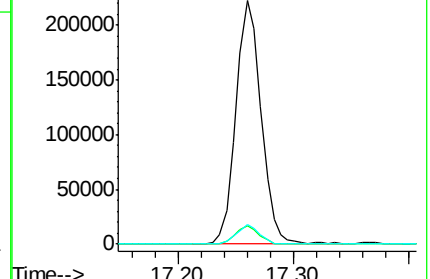
80 8.0 6.1 9.1

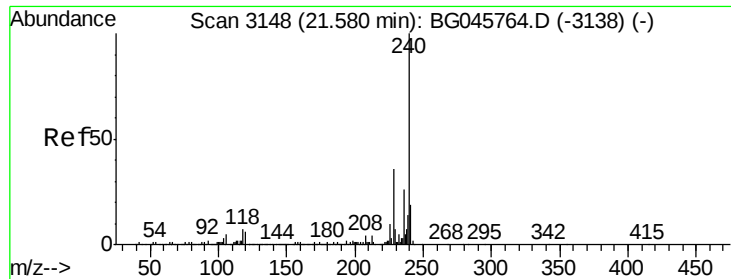


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

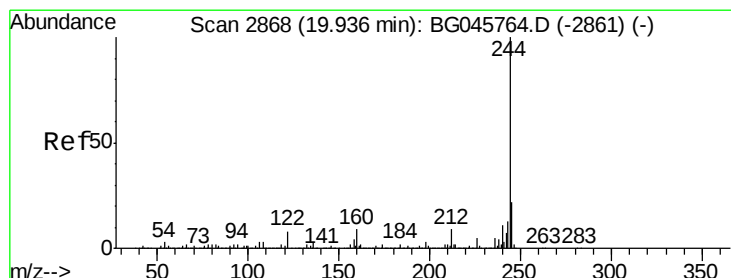
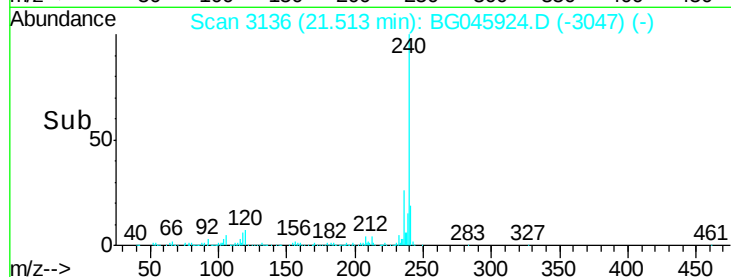
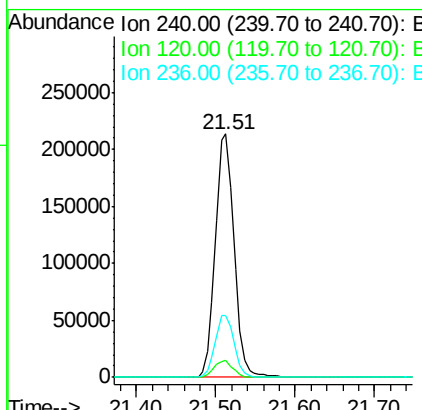
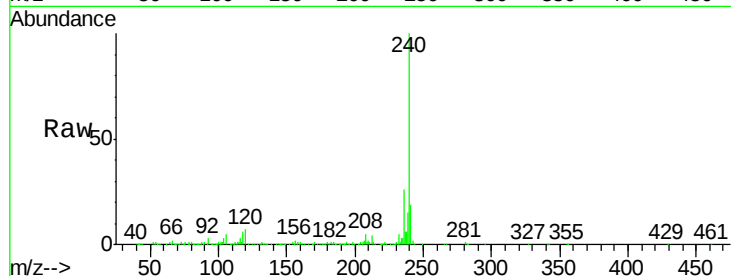




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

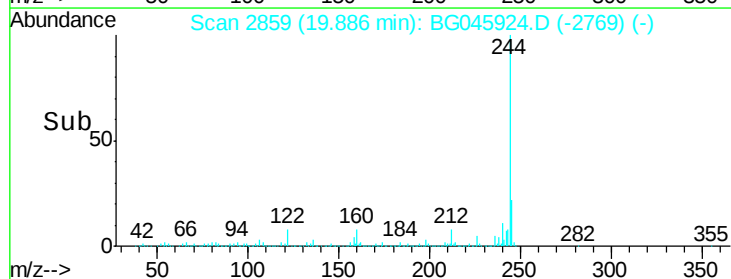
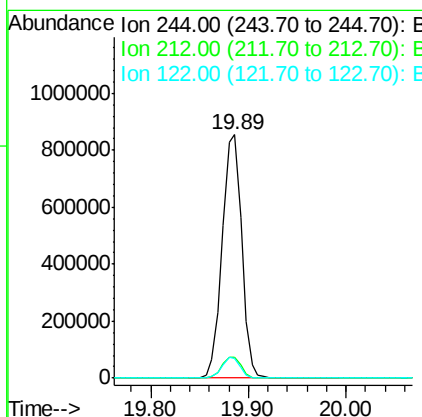
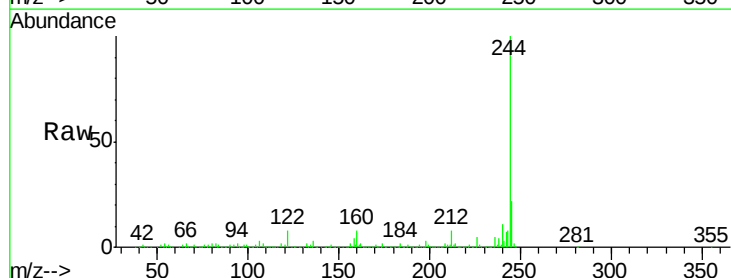
Instrument :
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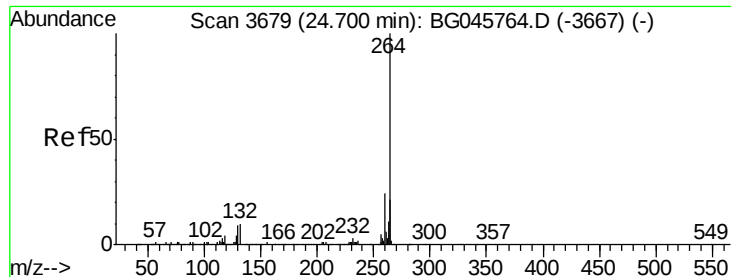
Tot Ion:240 Resp: 350860
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.2 7.8
 236 25.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 68.668 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG045924.D
 Acq: 2 Jul 2020 21:25

Tgt Ion:244 Resp: 1188837
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 8.0 6.6 9.8

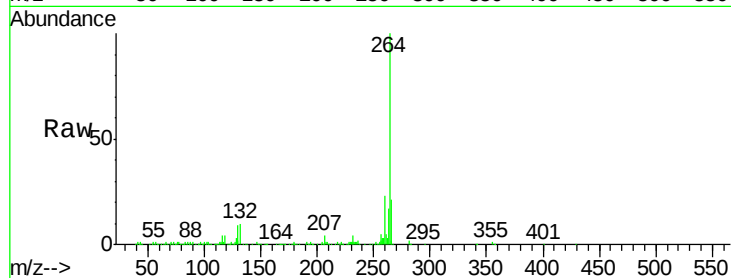




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.01 min
Lab File: BG045924.D
Acq: 2 Jul 2020 21:25

Instrument :
BNA_G
ClientSampleId :
TP1-SS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.0	16.4	24.6



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

