

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045913.D
 Acq On : 2 Jul 2020 14:04
 Operator : CG/JU
 Sample : L3153-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2-D

Quant Time: Jul 02 15:27:22 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	7.85	152	53489	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197451	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	133652	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	302056	20.00	ng	0.00
76) Chrysene-d12	21.51	240	330833	20.00	ng	-0.01
86) Perylene-d12	24.59	264	351492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	401233	126.71	ng	0.00
7) Phenol-d6	7.07	99	485137	100.72	ng	0.00
23) Nitrobenzene-d5	9.02	82	454623	105.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	299780	148.57	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	969250	106.57	ng	0.00
79) Terphenyl-d14	19.88	244	1610276	98.64	ng	0.00

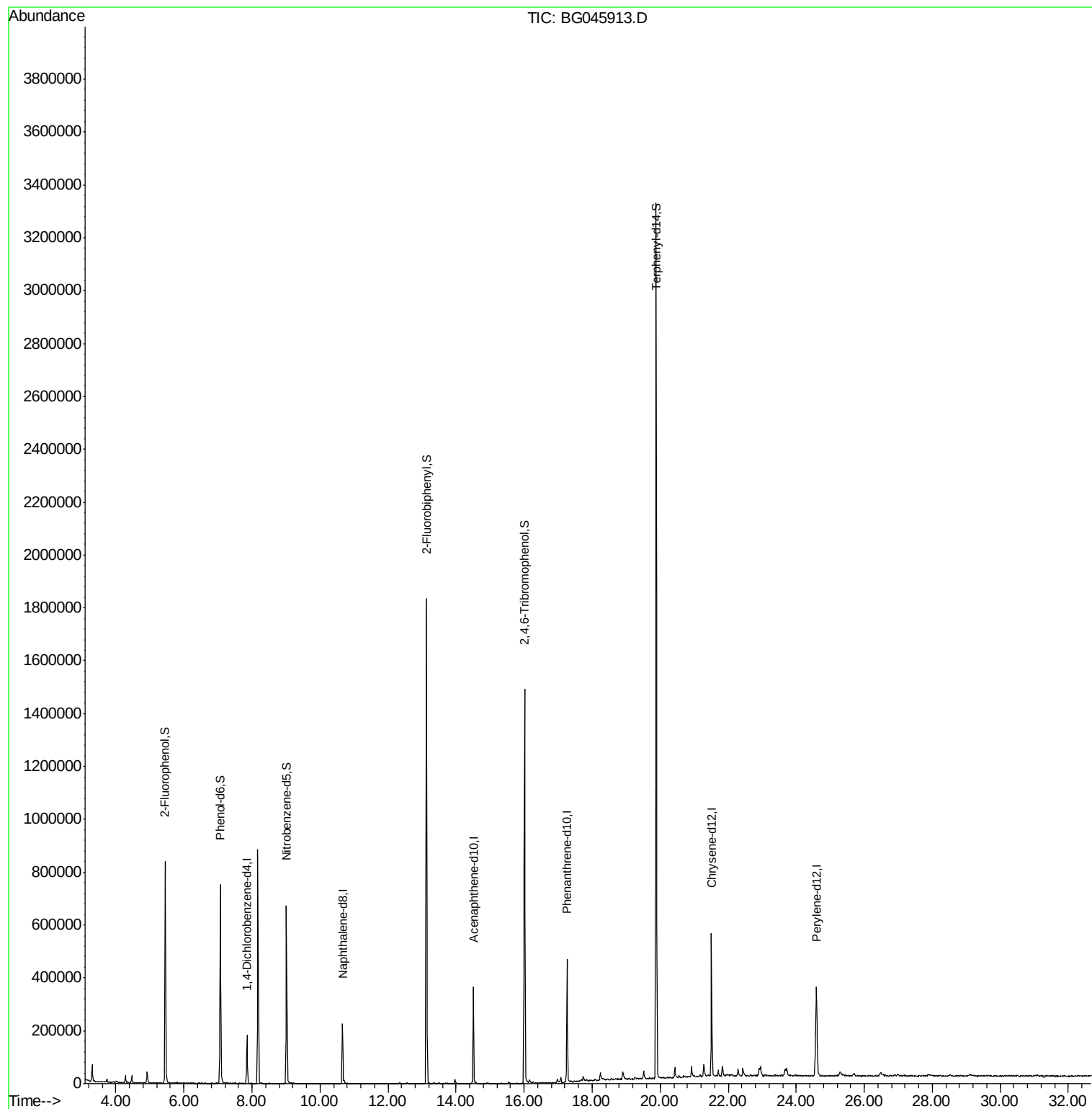
Target Compounds Qvalue

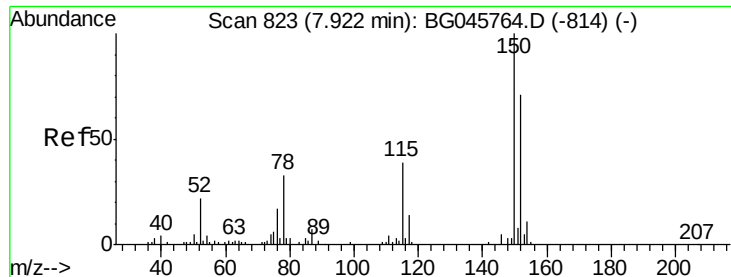
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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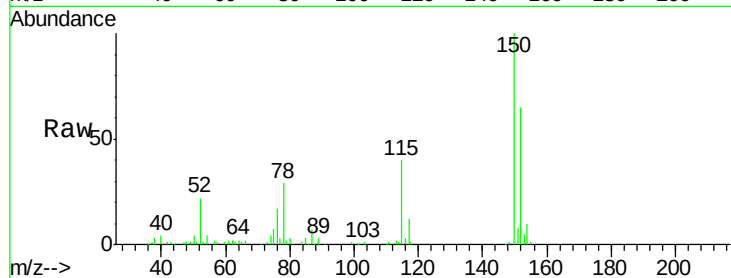


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG045913.D
Acq: 2 Jul 2020 14:04

Instrument :
BNA_G
ClientSampleId :
SP2-D

Tot Ion	152	Resp	53489
Ion Ratio	Lower	Upper	
152	100		
150	152.8	124.5	186.7
115	61.7	45.8	68.8

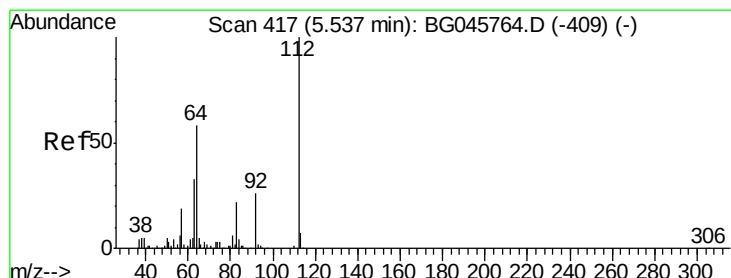
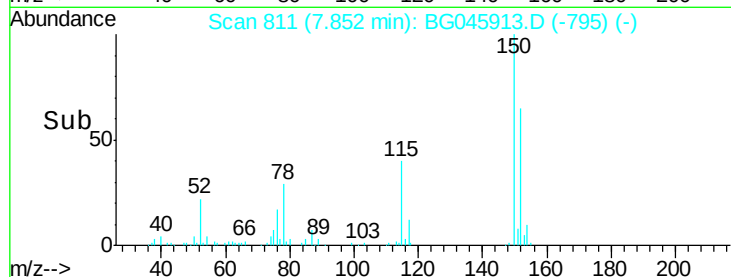
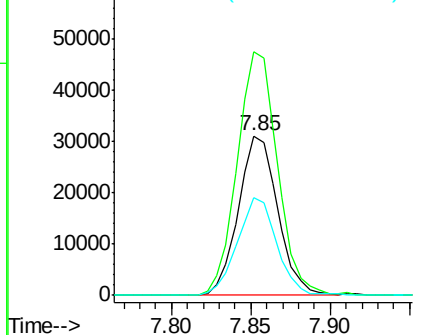


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

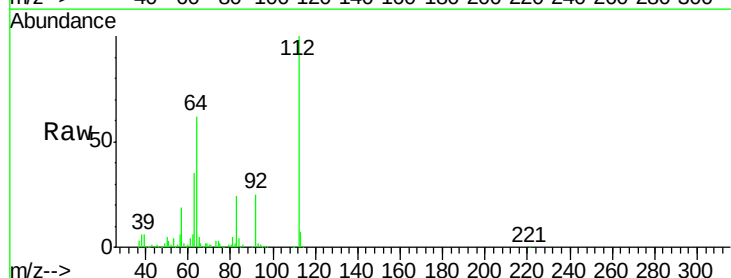
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.713 ng
RT: 5.45 min Scan# 402
Delta R.T. -0.01 min
Lab File: BG045913.D
Acq: 2 Jul 2020 14:04

Tgt Ion	112	Resp	401233
Ion Ratio	Lower	Upper	
112	100		
64	61.6	44.9	67.3
63	34.7	26.9	40.3

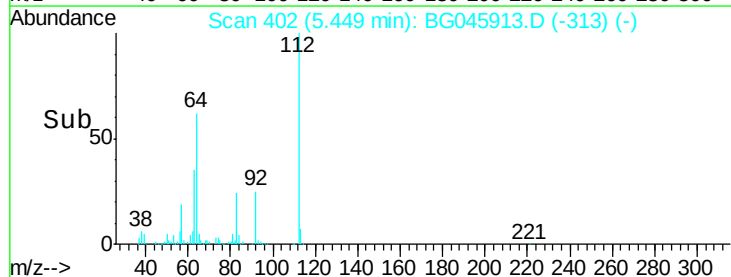
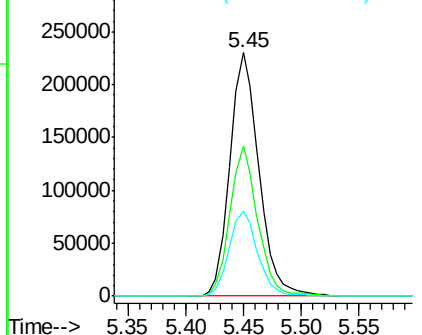


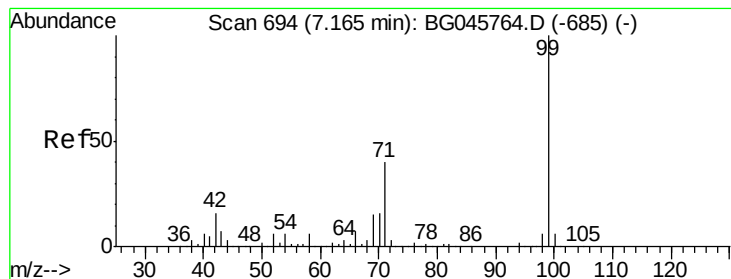
Abundance

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: 100.725 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG045913.D

Acq: 2 Jul 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SP2-D

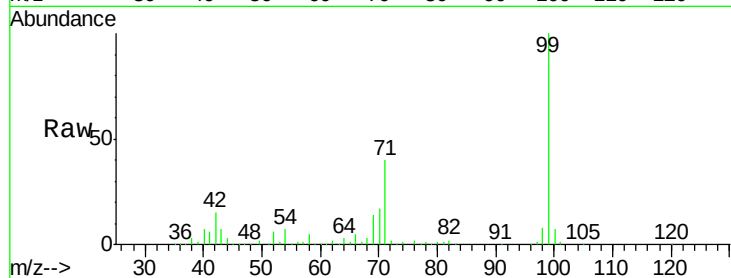
Tot Ion: 99 Resp: 485137

Ion Ratio Lower Upper

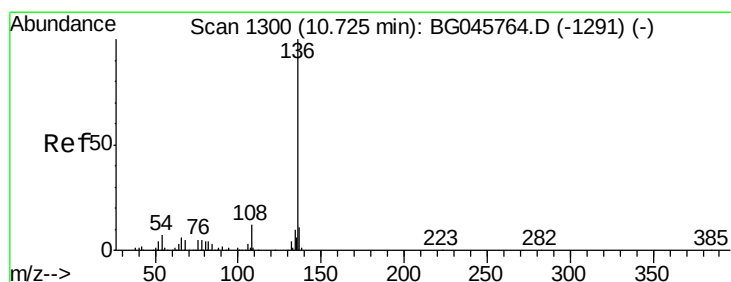
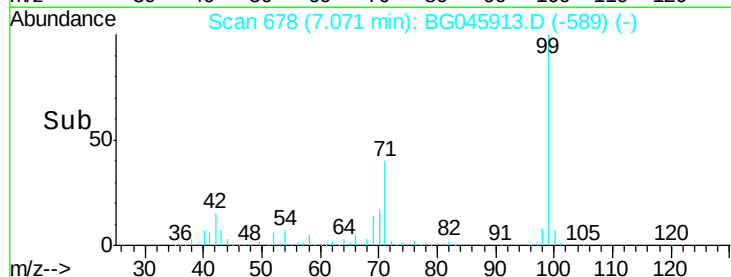
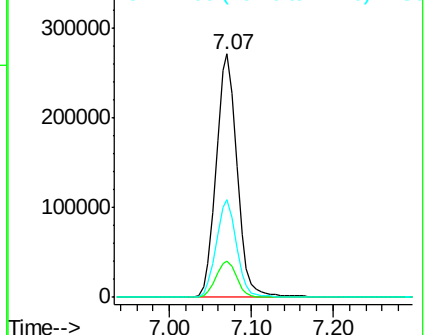
99 100

42 15.0 11.8 17.8

71 40.1 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# 1289

Delta R.T. -0.01 min

Lab File: BG045913.D

Acq: 2 Jul 2020 14:04

Tgt Ion: 136 Resp: 197451

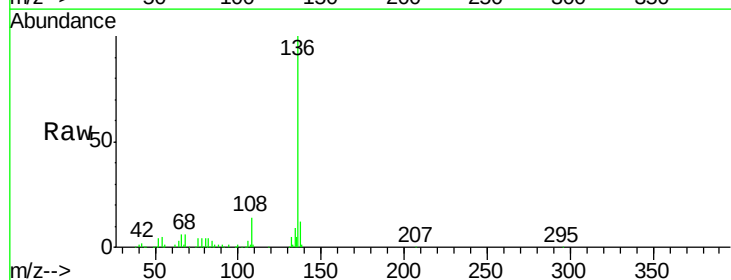
Ion Ratio Lower Upper

136 100

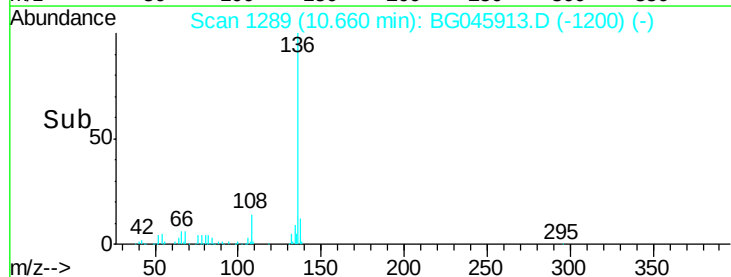
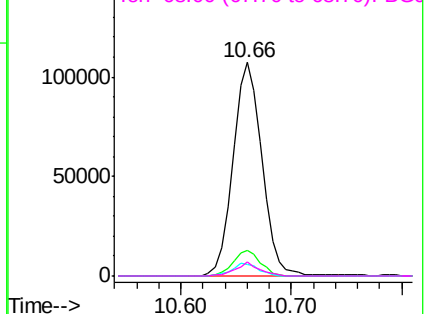
137 12.2 8.2 12.4

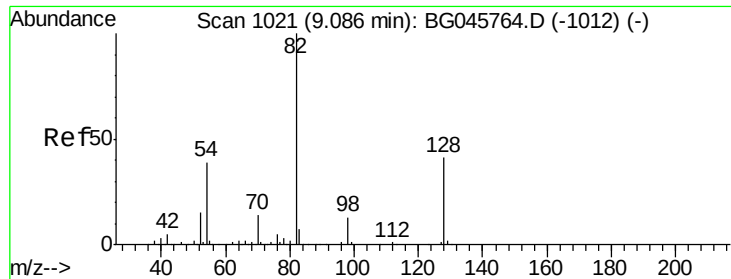
54 5.5 4.6 7.0

68 6.4 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

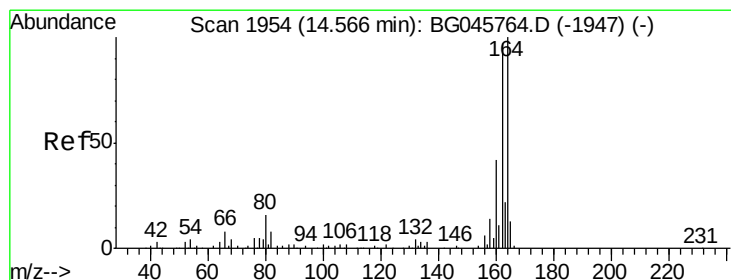
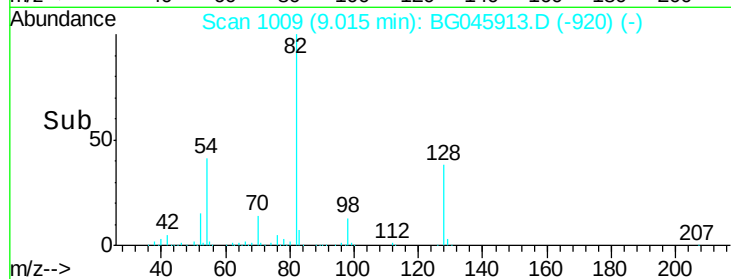
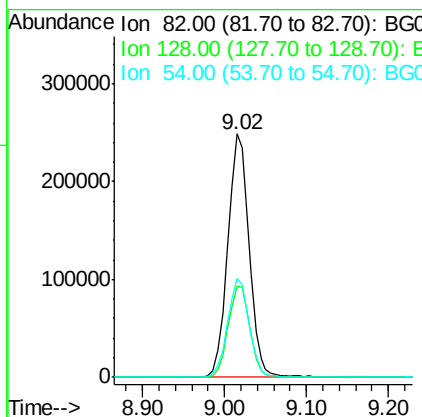
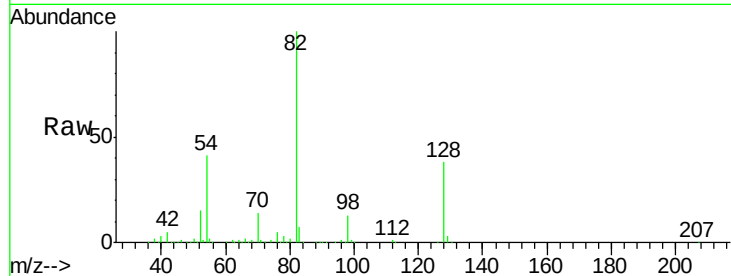




#23
 Nitrobenzene-d5
 Concen: 105.184 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG045913.D
 Acq: 2 Jul 2020 14:04

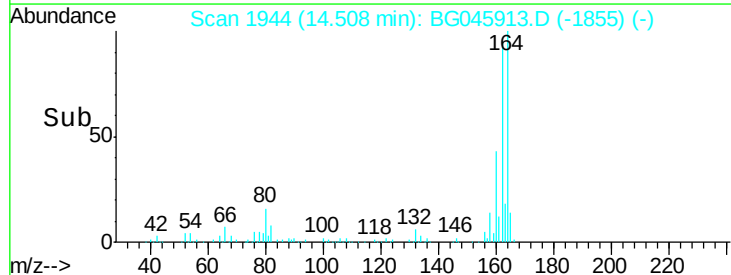
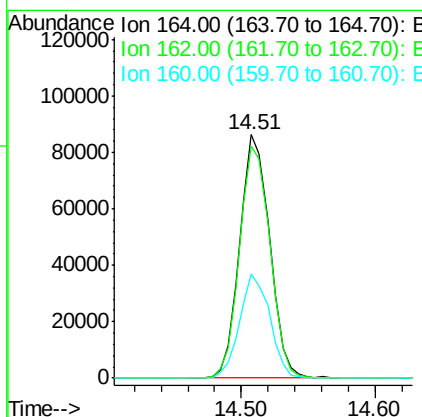
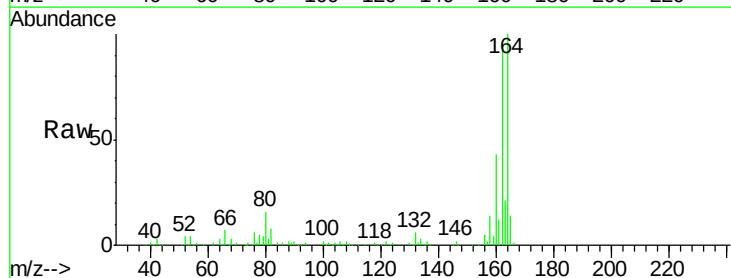
Instrument :
 BNA_G
 ClientSampleId :
 SP2-D

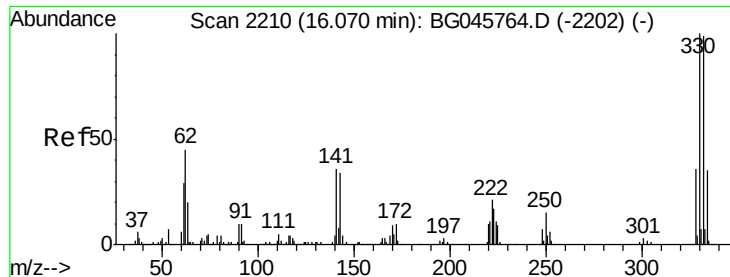
Tot Ion	82	Resp	454623
Ion Ratio	100	Lower	Upper
128	37.5	29.9	44.9
54	40.5	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG045913.D
 Acq: 2 Jul 2020 14:04

Tgt Ion	164	Resp	133652
Ion Ratio	100	Lower	Upper
162	95.1	78.8	118.2
160	42.8	33.8	50.6

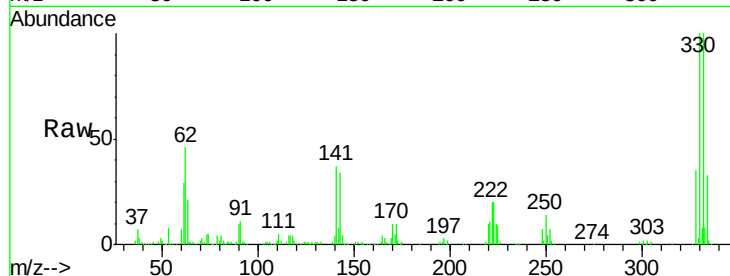




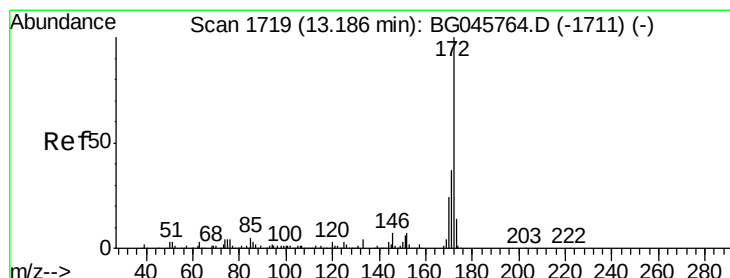
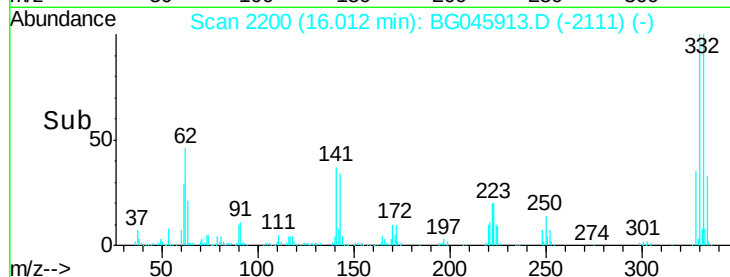
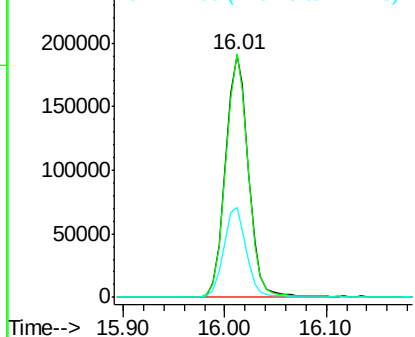
#42
 2,4,6-Tribromophenol
 Concen: 148.568 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG045913.D
 Acq: 2 Jul 2020 14:04

Instrument :
 BNA_G
 ClientSampled :
 SP2-D

Tot Ion:330 Resp: 299780
 Ion Ratio Lower Upper
 330 100
 332 98.5 79.4 119.0
 141 36.3 28.2 42.2

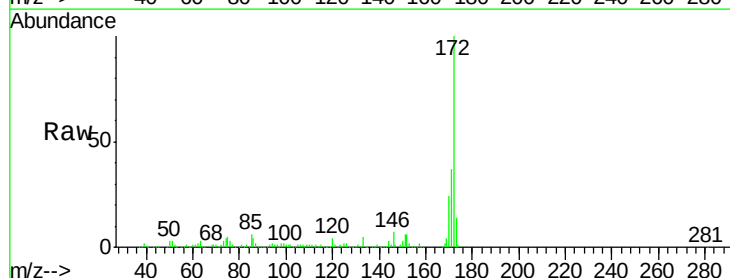


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

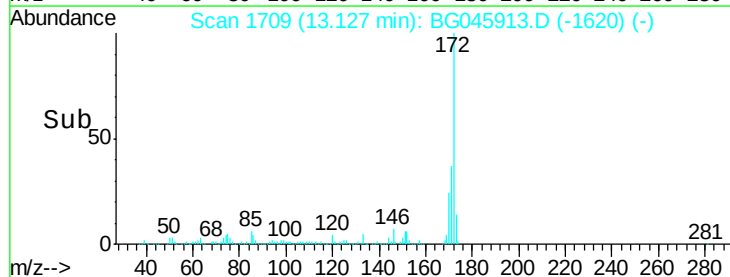
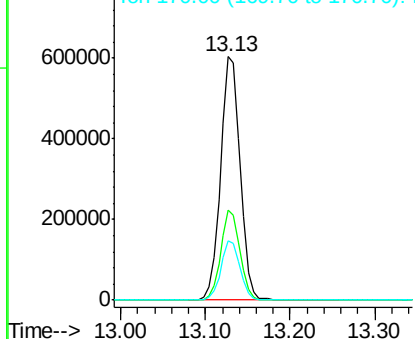


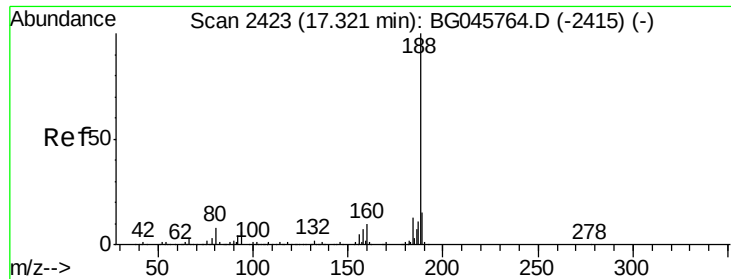
#45
 2-Fluorobiphenyl
 Concen: 106.573 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045913.D
 Acq: 2 Jul 2020 14:04

Tgt Ion:172 Resp: 969250
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 24.4 18.9 28.3



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

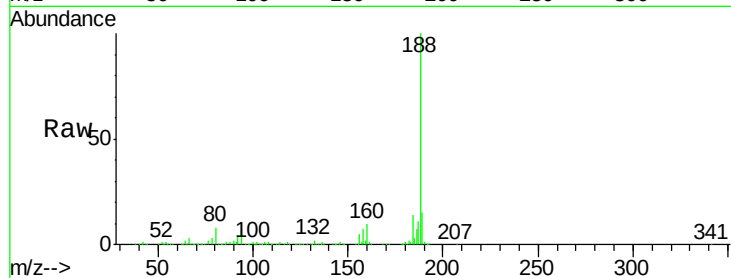




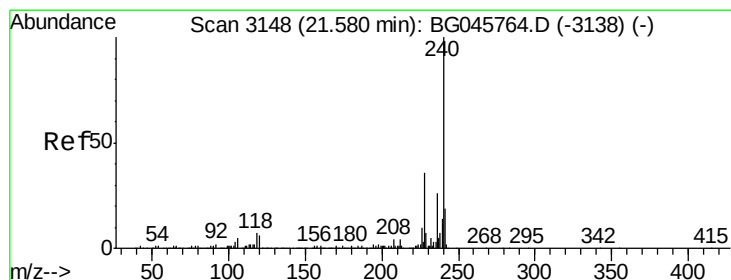
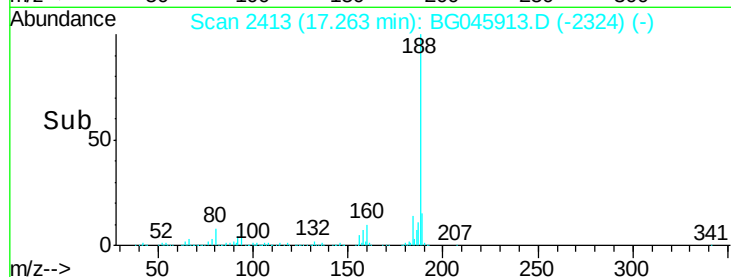
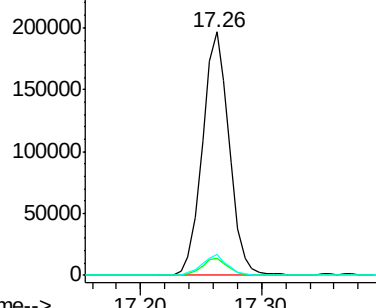
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG045913.D
Acq: 2 Jul 2020 14:04

Instrument :
BNA_G
ClientSampled :
SP2-D

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.3	6.1	9.1

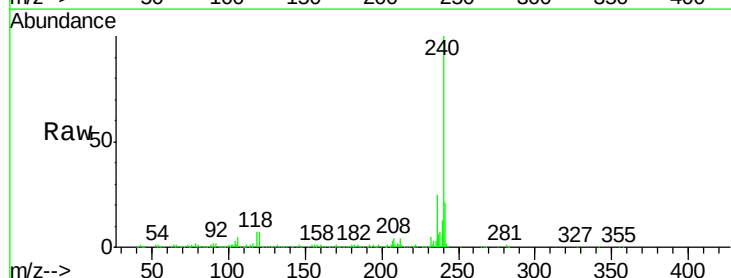


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

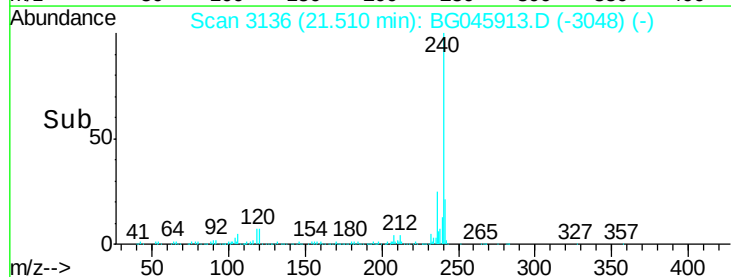
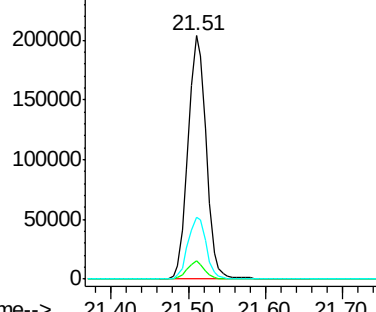


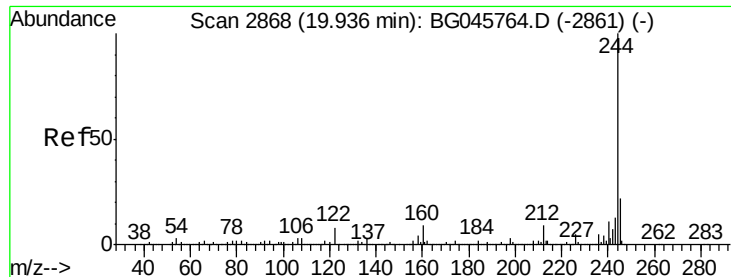
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045913.D
Acq: 2 Jul 2020 14:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.2	7.8
236	25.3	20.8	31.2



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: 98.641 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG045913.D

Acq: 2 Jul 2020 14:04

Instrument :

BNA_G

ClientSampleId :

SP2-D

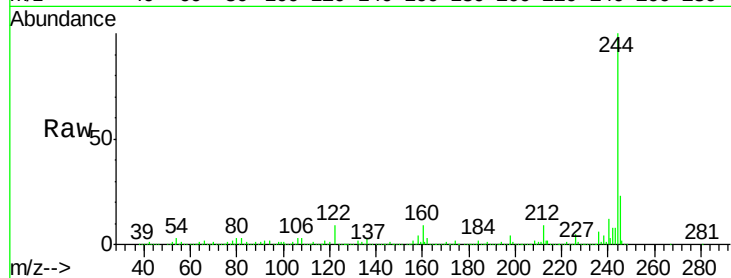
Tot Ion:244 Resp: 1610276

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

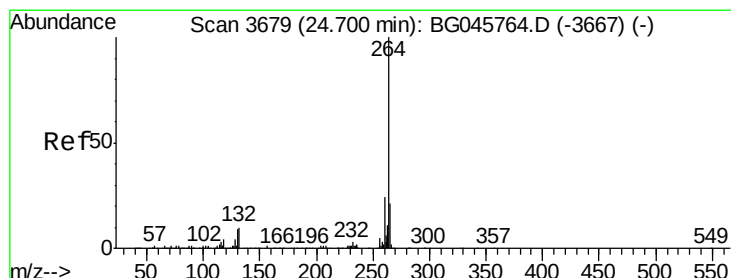
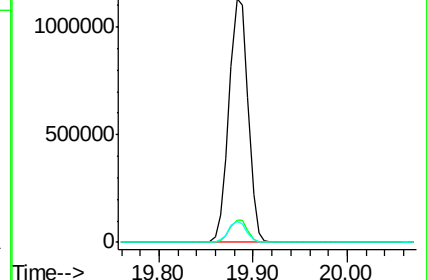
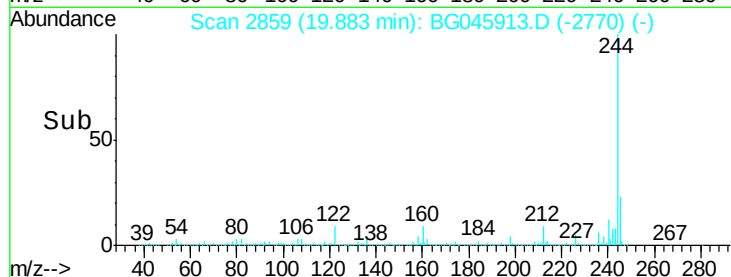
122 8.6 6.6 9.8



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: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045913.D

Acq: 2 Jul 2020 14:04

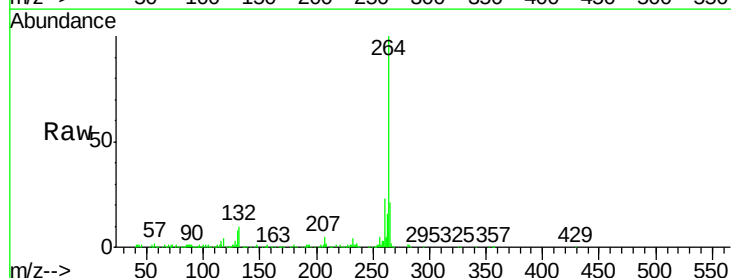
Tgt Ion:264 Resp: 351492

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.5 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

