

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
 Data File : BG045931.D
 Acq On : 3 Jul 2020 3:27
 Operator : CG/JU
 Sample : PB129945BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

Quant Time: Jul 03 08:33:39 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	50687	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	197136	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	133574	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	307211	20.00	ng	0.00
76) Chrysene-d12	21.51	240	330351	20.00	ng	-0.01
86) Perylene-d12	24.59	264	334408	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	491254	163.72	ng	-0.01
7) Phenol-d6	7.07	99	688722	150.90	ng	-0.01
23) Nitrobenzene-d5	9.02	82	484660	112.31	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	311068	154.25	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	1052399	115.78	ng	0.00
79) Terphenyl-d14	19.88	244	1921954	117.91	ng	0.00

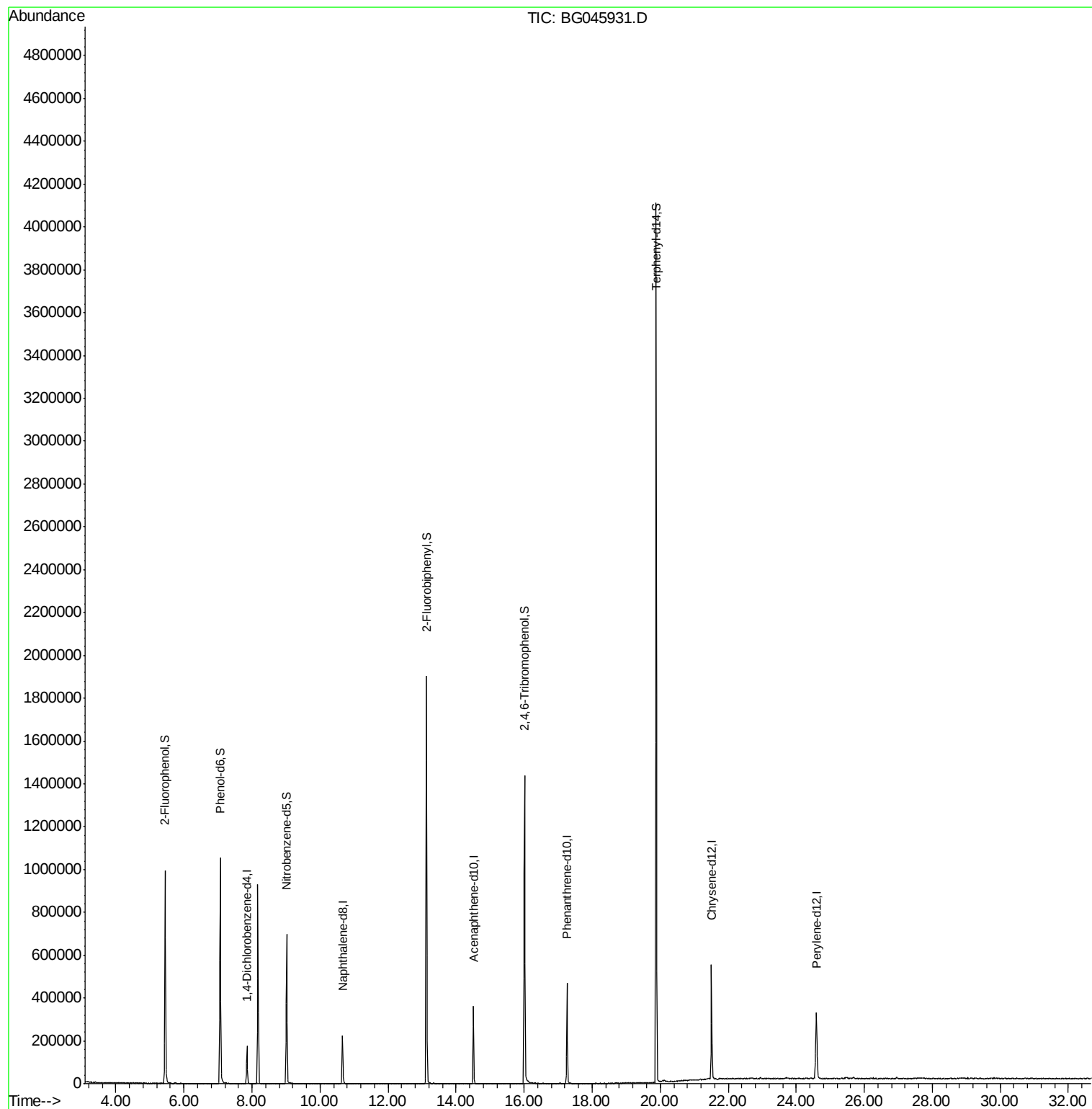
Target Compounds Qvalue

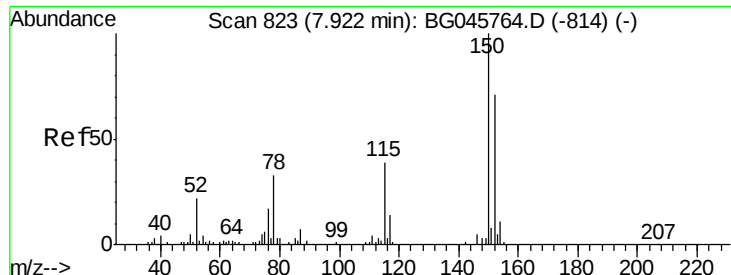
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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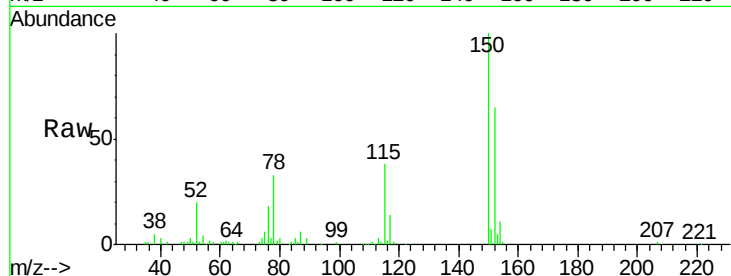


#1

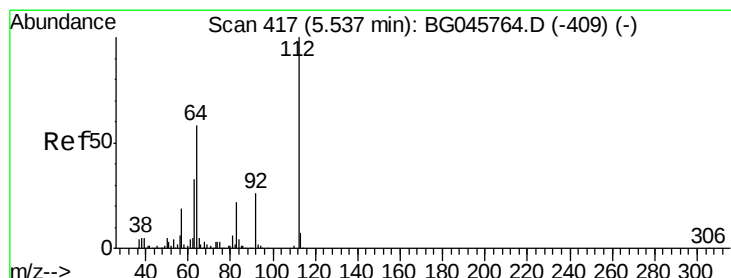
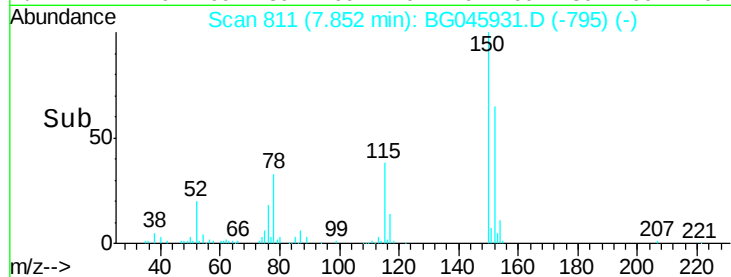
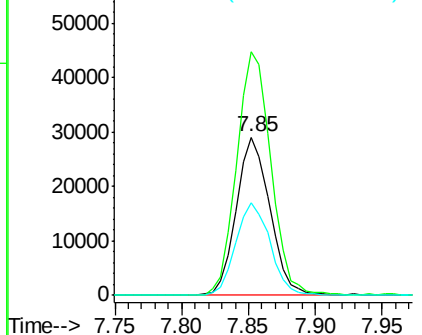
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Instrument :
BNA_G
ClientSampleId :
PB129945BL

Tot Ion	152	Resp	50687
Ion Ratio	Lower	Upper	
152	100		
150	154.1	124.5	186.7
115	58.6	45.8	68.8



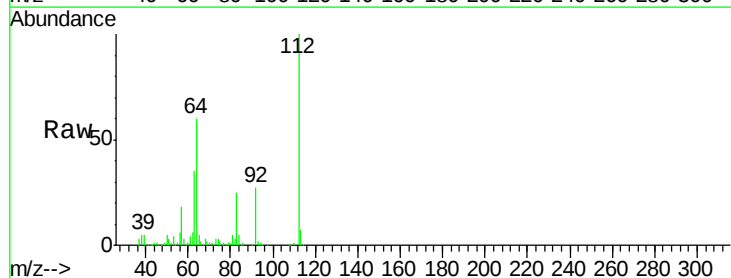
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



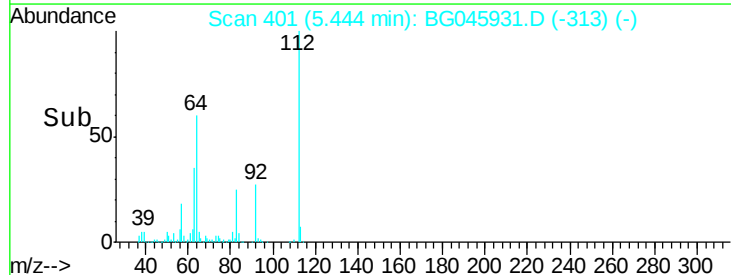
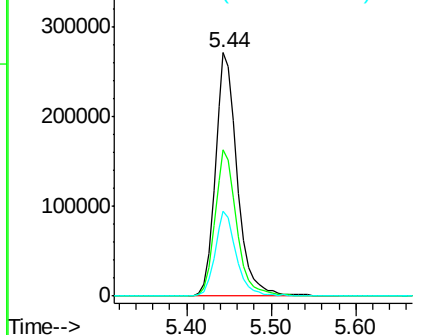
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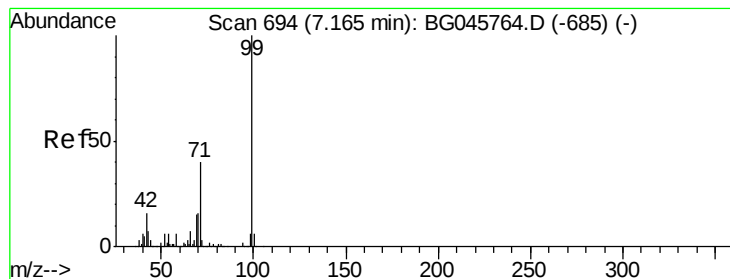
2-Fluorophenol
Concen: 163.719 ng
RT: 5.44 min Scan# 401
Delta R.T. -0.01 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Tgt Ion	112	Resp	491254
Ion Ratio	Lower	Upper	
112	100		
64	60.3	44.9	67.3
63	34.8	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: 150.898 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

BNA_G

ClientSampleId :

PB129945BL

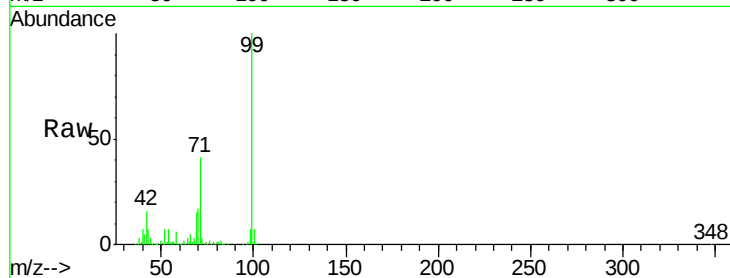
Tot Ion: 99 Resp: 688722

Ion Ratio Lower Upper

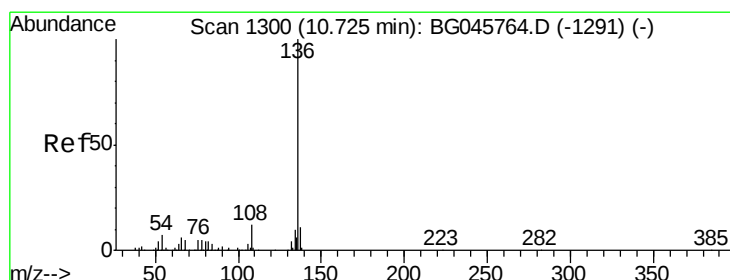
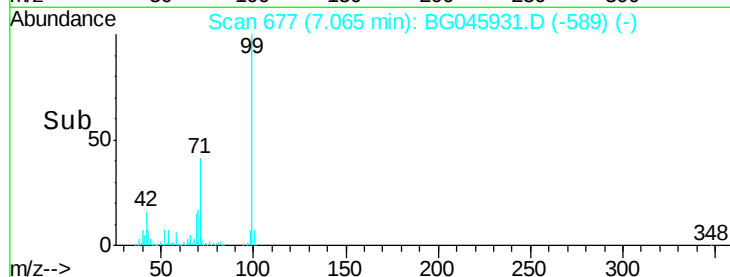
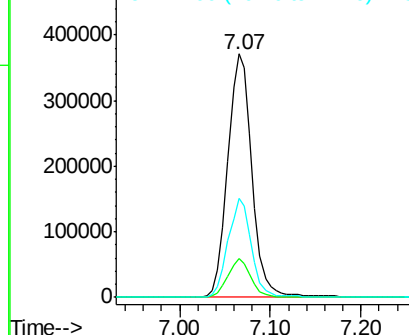
99 100

42 16.0 11.8 17.8

71 40.8 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. -0.00 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Tgt Ion: 136 Resp: 197136

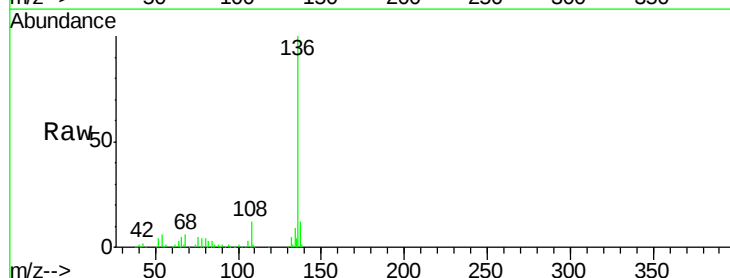
Ion Ratio Lower Upper

136 100

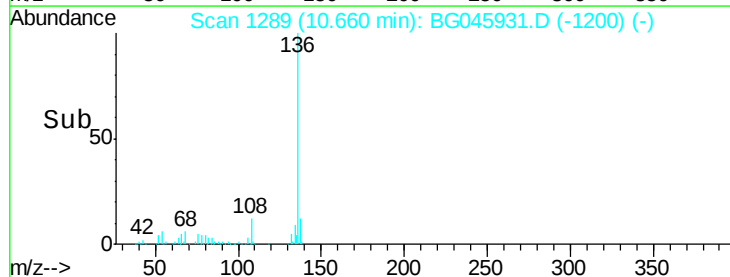
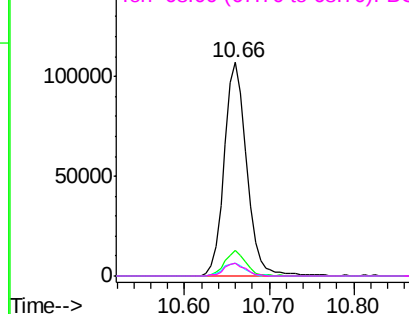
137 11.9 8.2 12.4

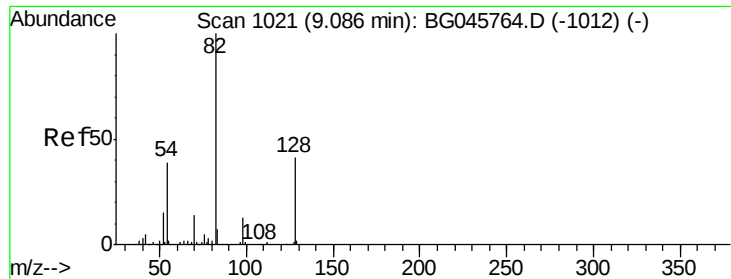
54 6.2 4.6 7.0

68 6.2 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

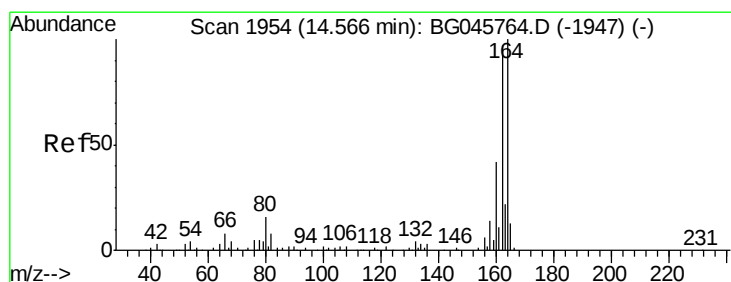
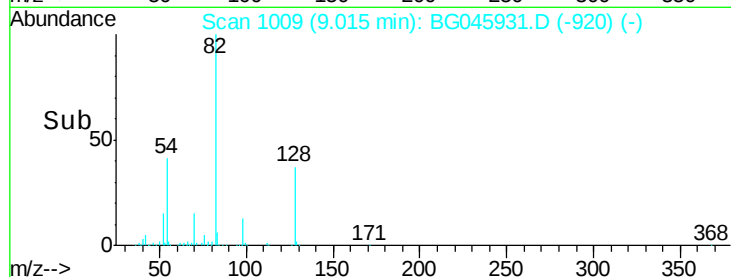
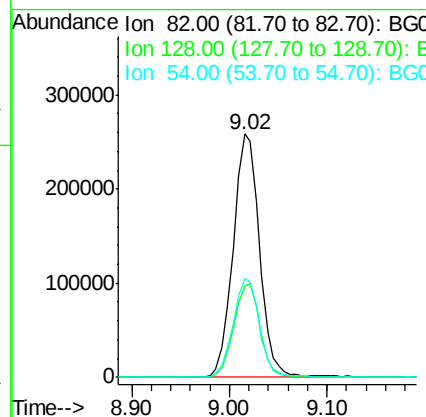
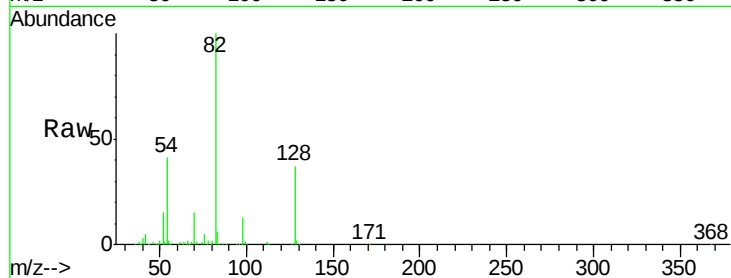




#23
 Nitrobenzene-d5
 Concen: 112.313 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

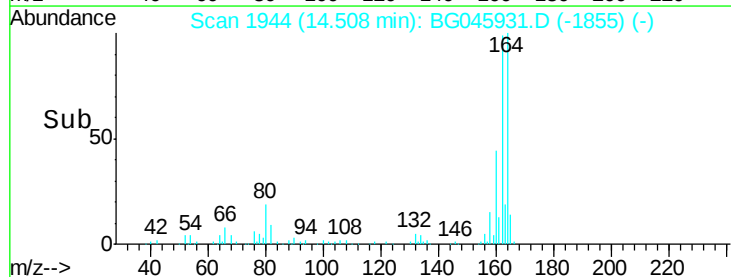
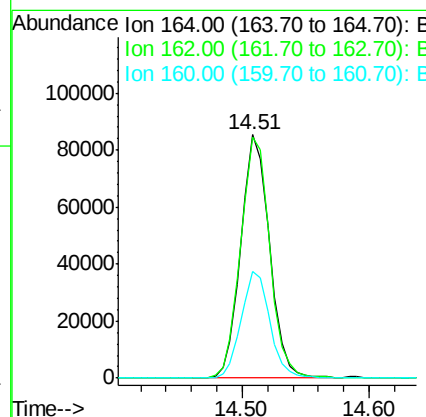
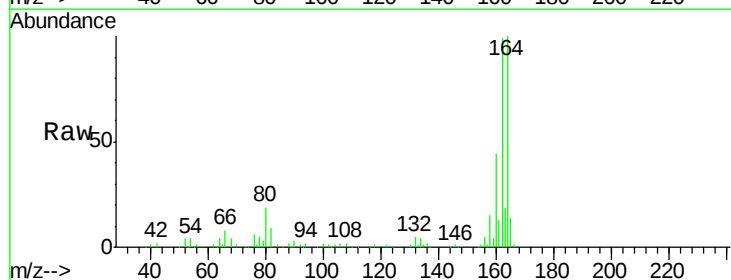
Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

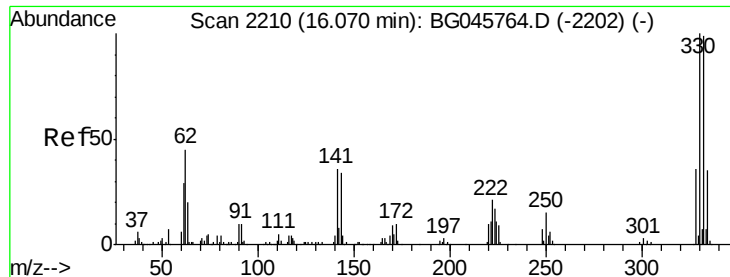
Tot Ion: 82 Resp: 484660
 Ion Ratio Lower Upper
 82 100
 128 37.5 29.9 44.9
 54 40.6 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Tgt Ion: 164 Resp: 133574
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 43.6 33.8 50.6

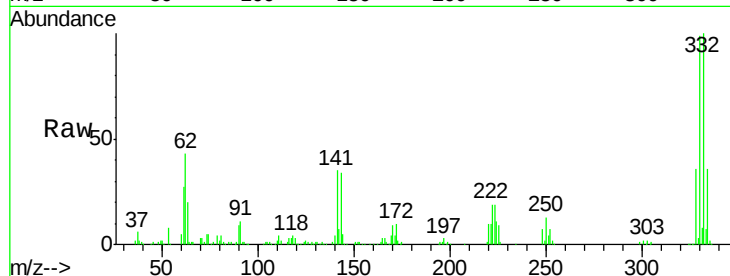




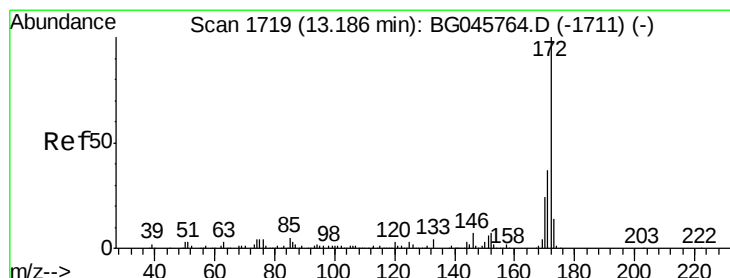
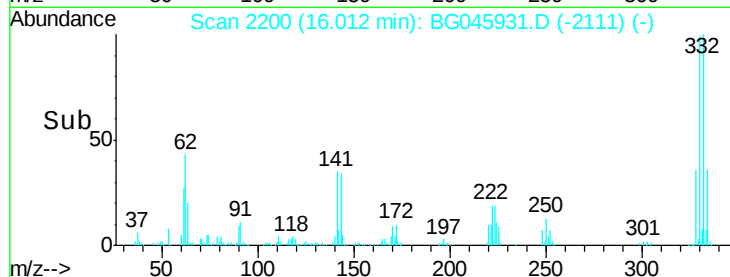
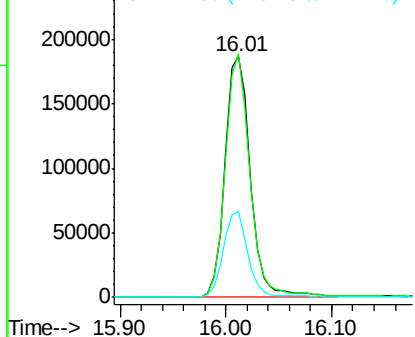
#42
 2,4,6-Tribromophenol
 Concen: 154.252 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Instrument :
 BNA_G
 ClientSampleId :
 PB129945BL

Tot Ion:330 Resp: 311068
 Ion Ratio Lower Upper
 330 100
 332 97.8 79.4 119.0
 141 35.2 28.2 42.2

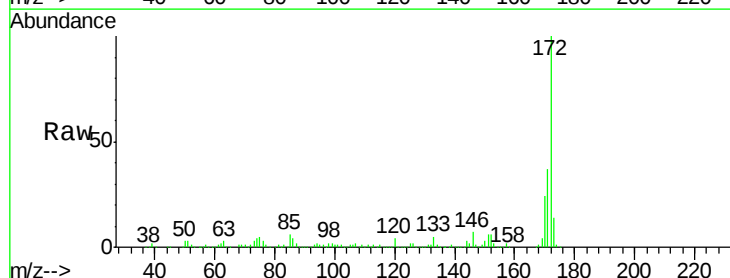


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

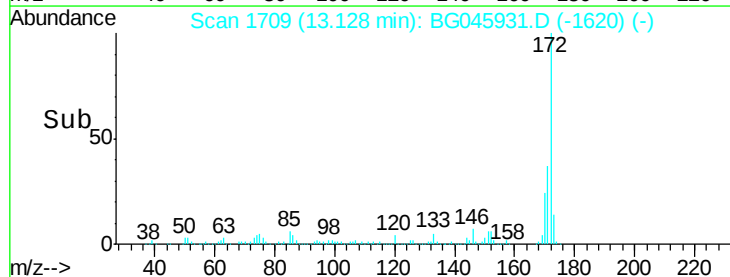
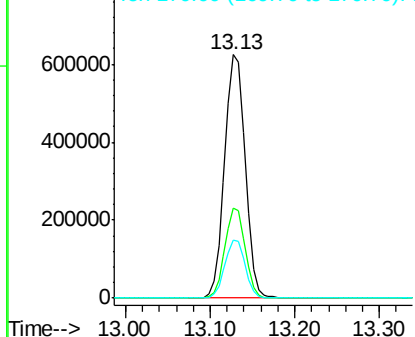


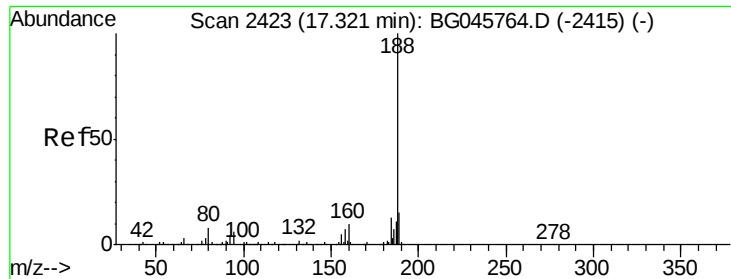
#45
 2-Fluorobiphenyl
 Concen: 115.783 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045931.D
 Acq: 3 Jul 2020 3:27

Tgt Ion:172 Resp: 1052399
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.5 42.7
 170 23.7 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

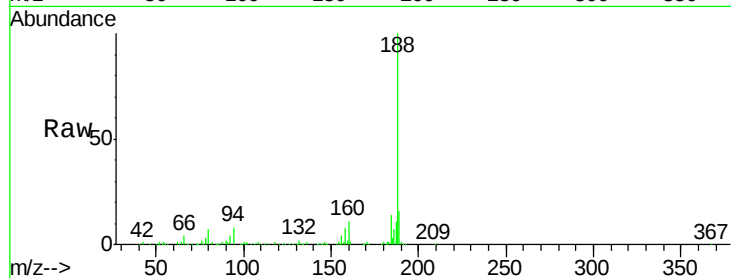




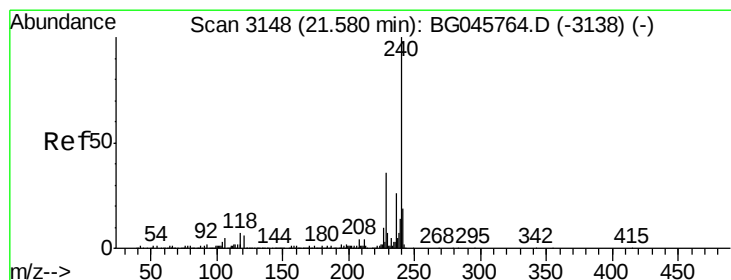
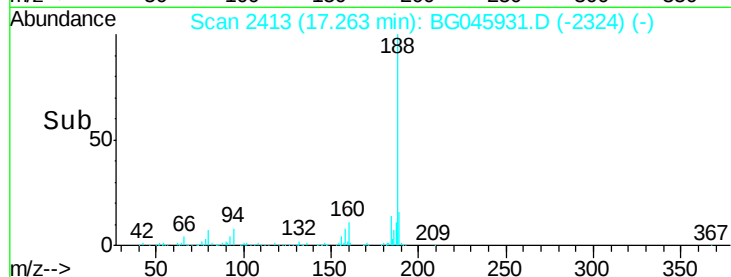
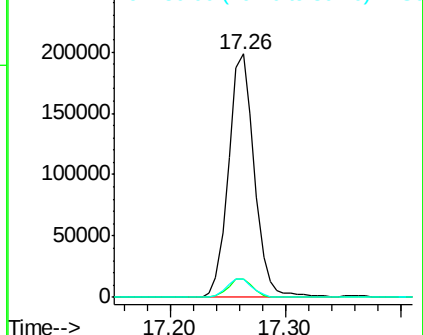
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Instrument :
BNA_G
ClientSampleId :
PB129945BL

Tot Ion:188 Resp: 307211
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 7.5 6.1 9.1

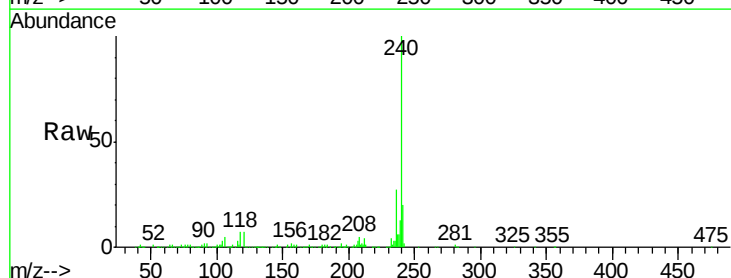


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

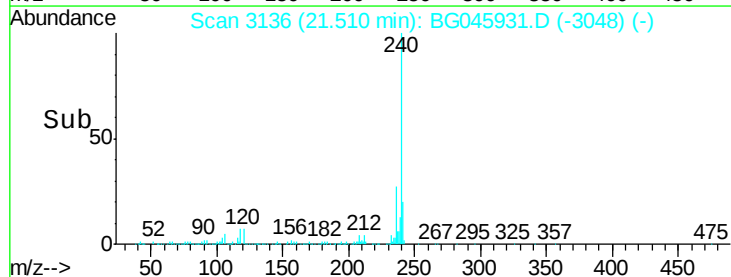
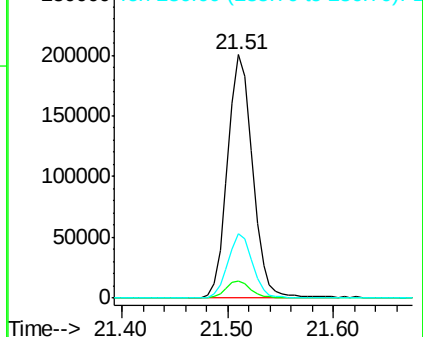


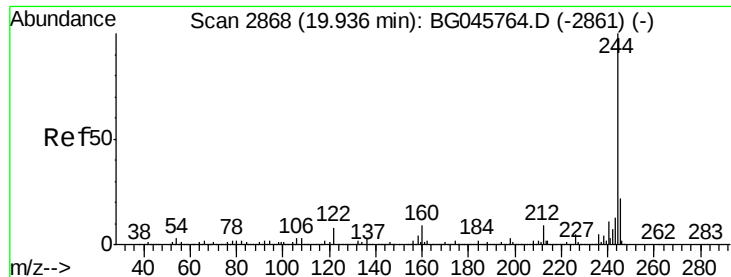
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG045931.D
Acq: 3 Jul 2020 3:27

Tgt Ion:240 Resp: 330351
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.6 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: 117.906 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Instrument :

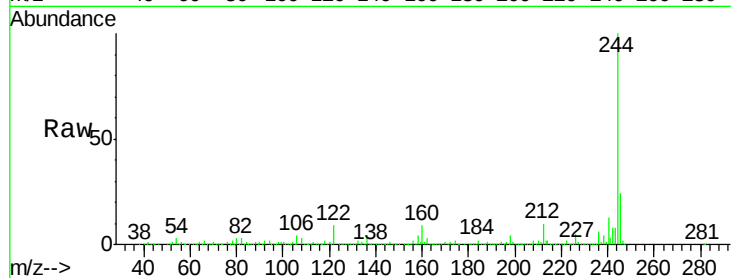
BNA_G

ClientSampleId :

PB129945BL

Tot Ion:244 Resp: 1921954

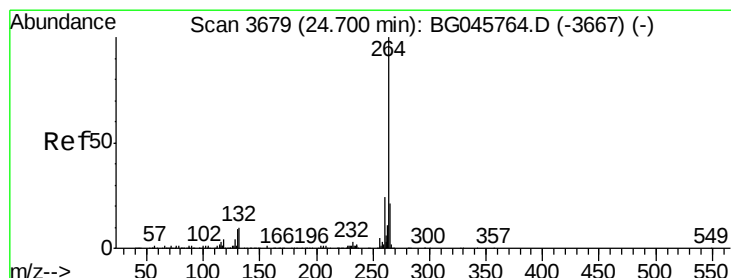
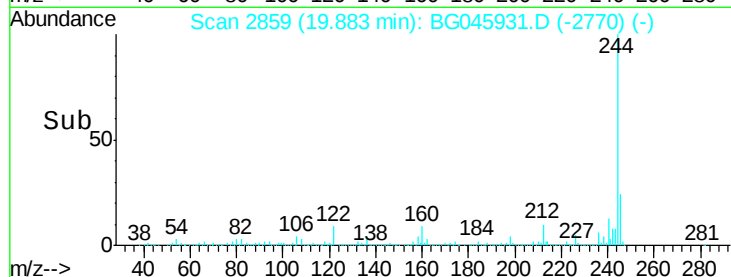
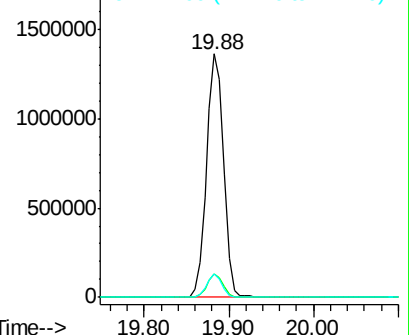
Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.0	10.6
122	9.4	6.6	9.8



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# 3660

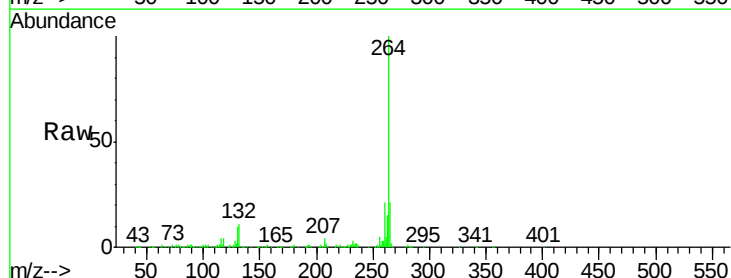
Delta R.T. -0.01 min

Lab File: BG045931.D

Acq: 3 Jul 2020 3:27

Tgt Ion:264 Resp: 334408

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.5	27.7
265	21.4	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

