

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044730.D
 Acq On : 12 Mar 2020 11:33
 Operator : CG/JU
 Sample : PB127439BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127439BL

Quant Time: Mar 13 11:51:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	106185	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	410843	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	283053	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	650790	20.00	ng	0.00
76) Chrysene-d12	21.70	240	620538	20.00	ng	-0.01
87) Perylene-d12	24.92	264	677652	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	709373	104.00	ng	0.00
7) Phenol-d6	7.21	99	994095	100.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	644138	68.80	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	370367	99.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1372540	69.44	ng	0.00
79) Terphenyl-d14	20.05	244	2239675	67.51	ng	0.00

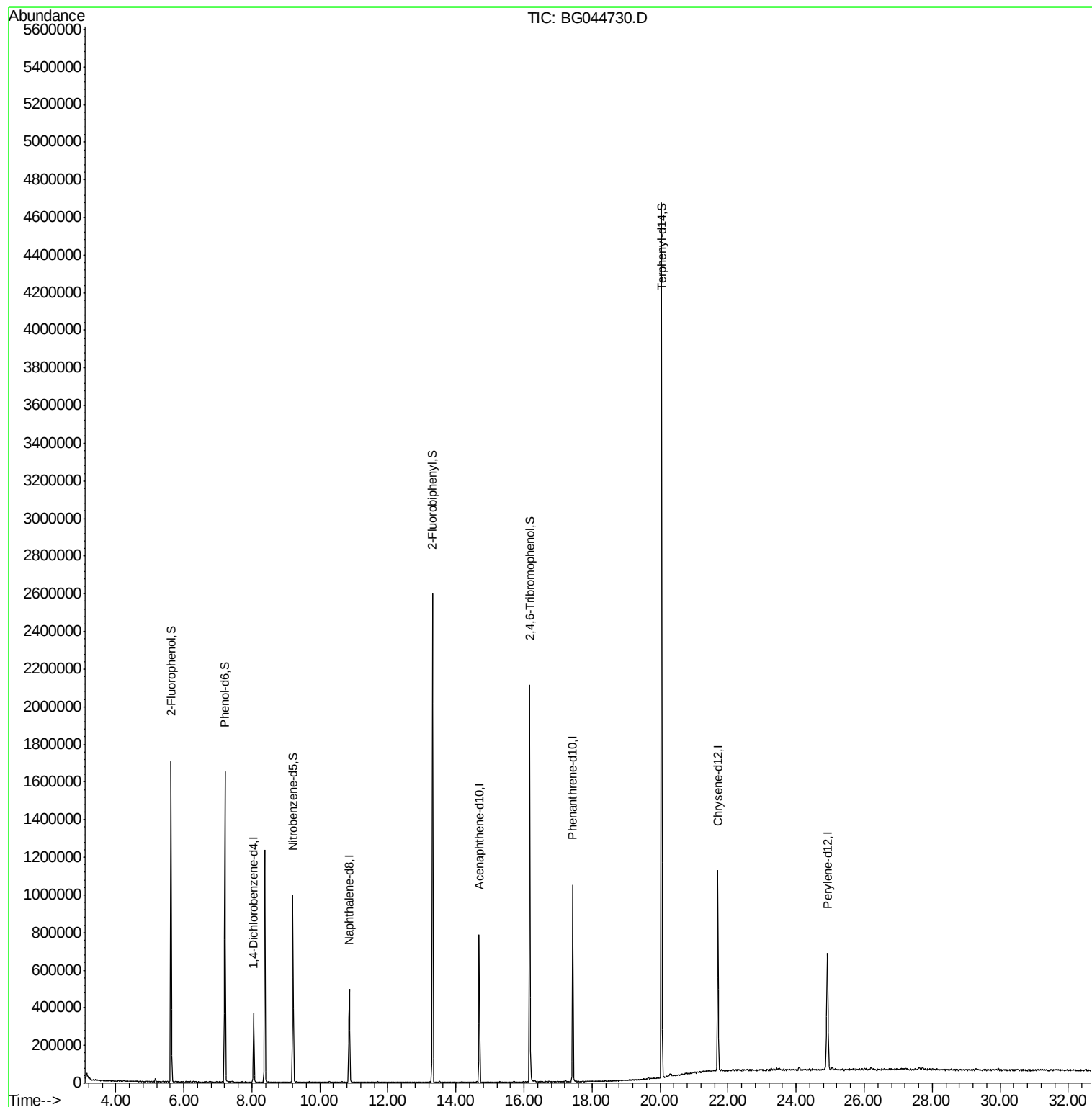
Target Compounds Qvalue

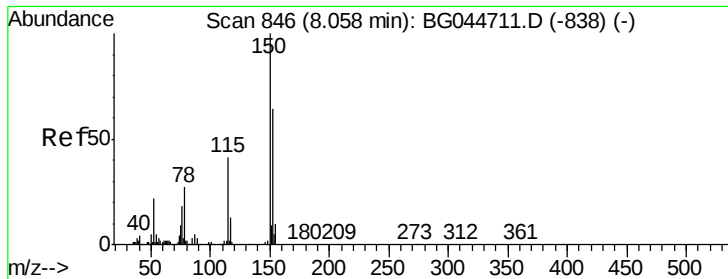
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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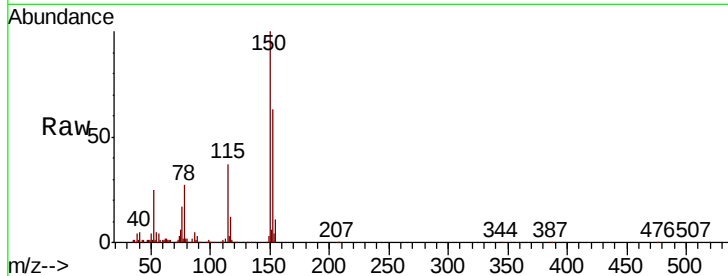


#1

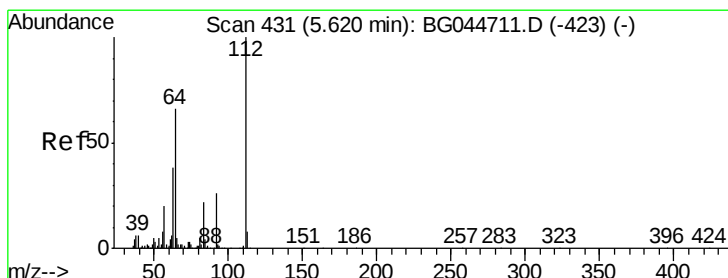
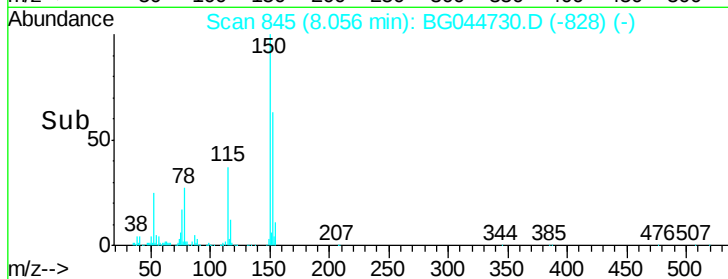
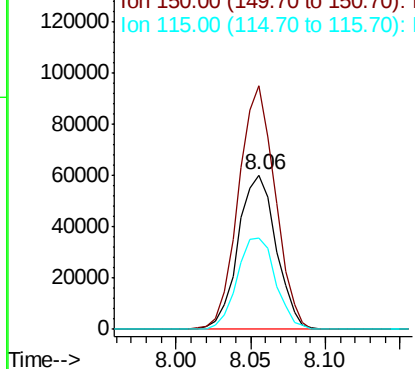
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG044730.D
 Acq: 12 Mar 2020 11:33

Instrument :
 BNA_G
 ClientSampleId :
 PB127439BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.3	187.9
115	58.9	51.7	77.5



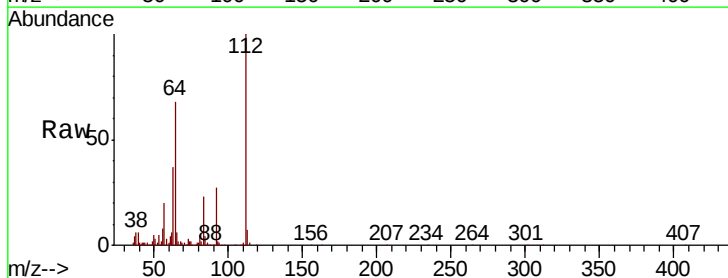
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



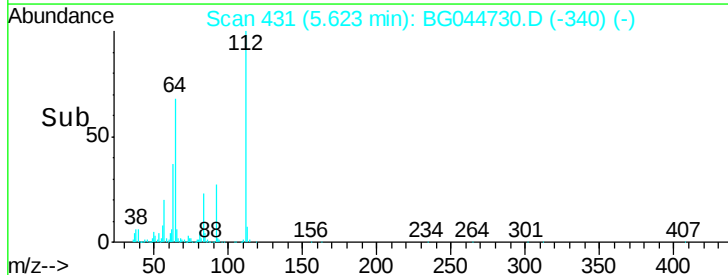
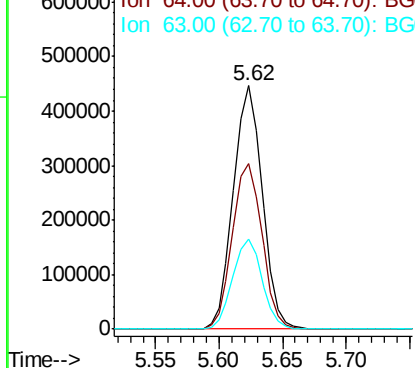
#5

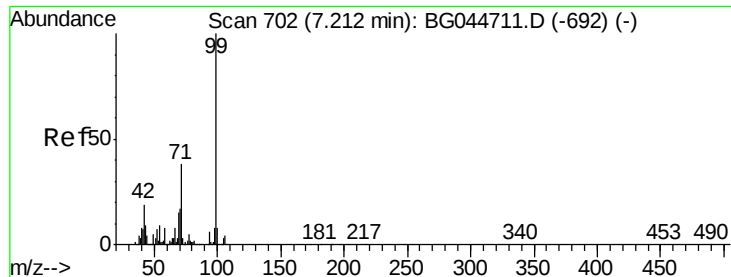
2-Fluorophenol
 Concen: 103.995 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG044730.D
 Acq: 12 Mar 2020 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	52.6	78.8
63	37.1	30.2	45.4



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





#7

Phenol-d6

Concen: 100.305 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB127439BL

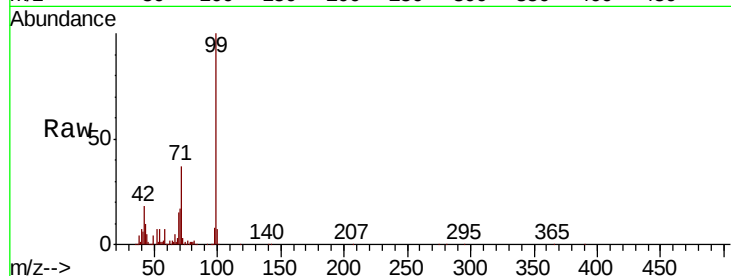
Tot Ion: 99 Resp: 994095

Ion Ratio Lower Upper

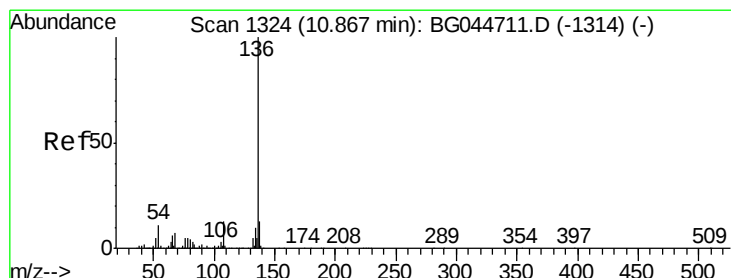
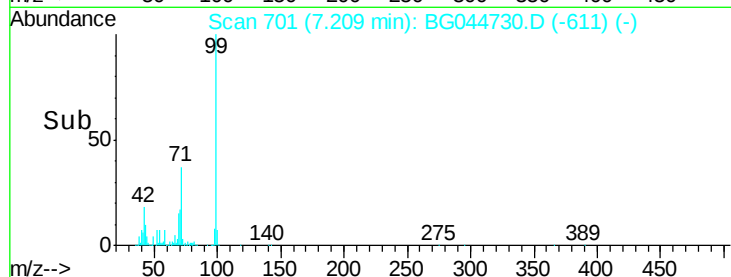
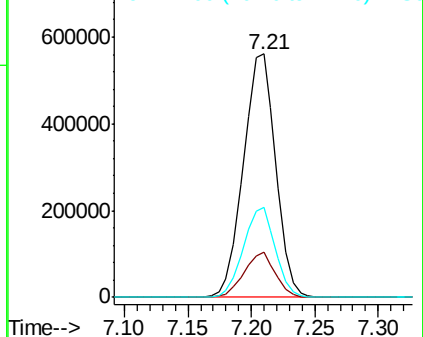
99 100

42 18.4 15.4 23.0

71 37.2 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

Tgt Ion: 136 Resp: 410843

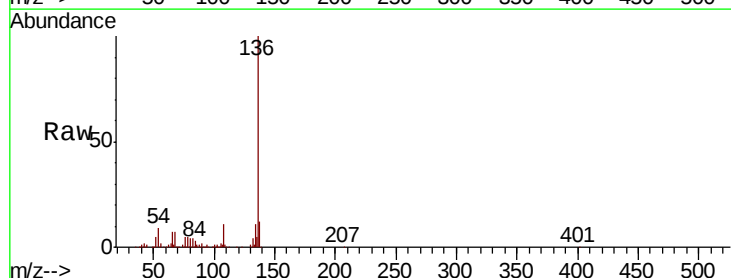
Ion Ratio Lower Upper

136 100

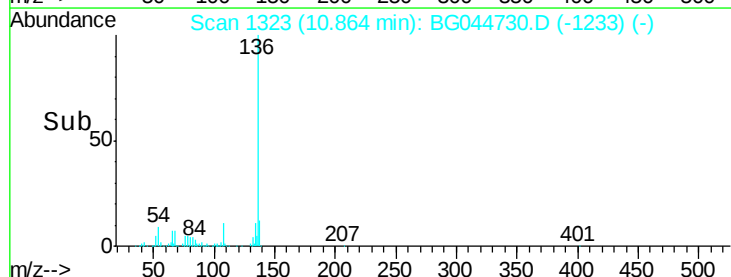
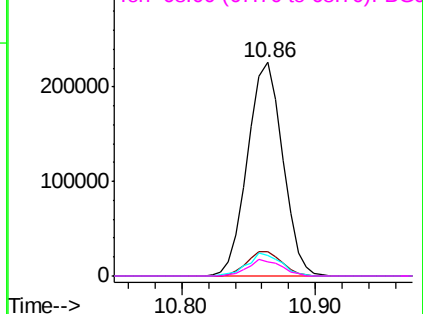
137 11.6 10.7 16.1

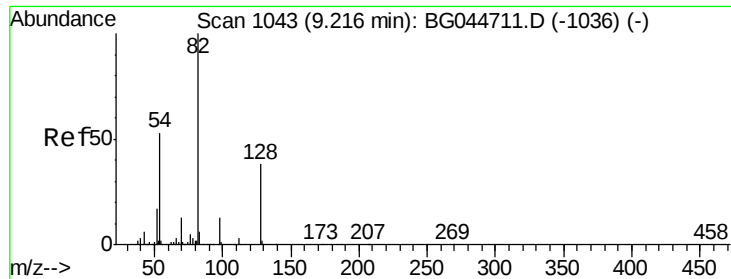
54 9.5 9.0 13.4

68 6.7 5.9 8.9



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

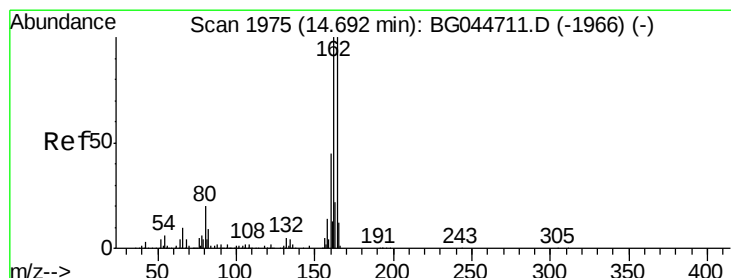
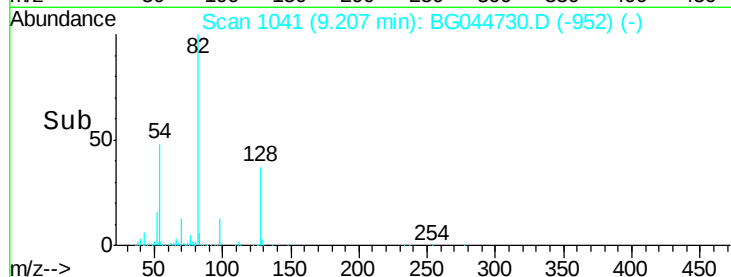
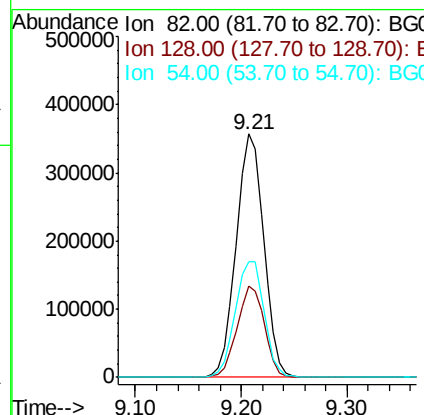
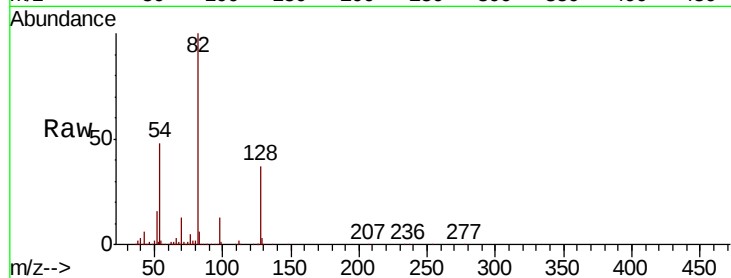




#23
Nitrobenzene-d5
Concen: 68.799 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

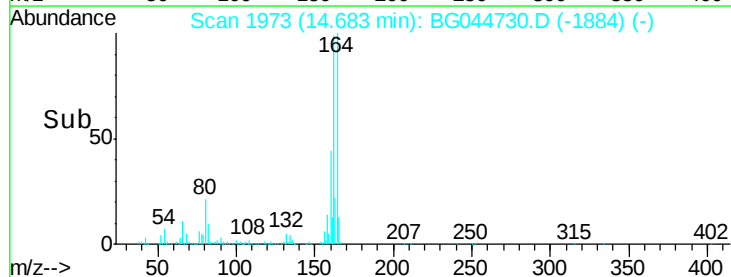
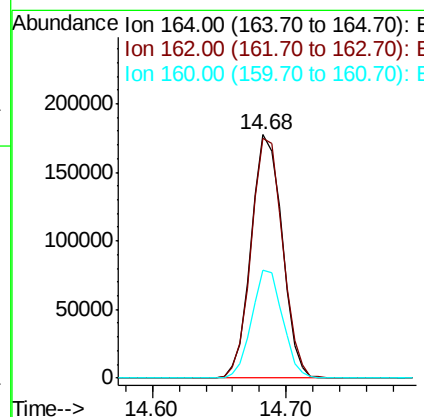
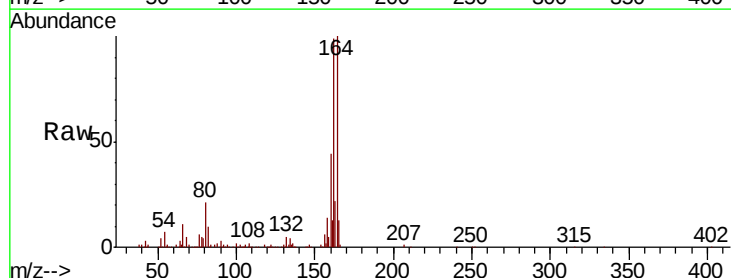
Instrument :
BNA_G
ClientSampleId :
PB127439BL

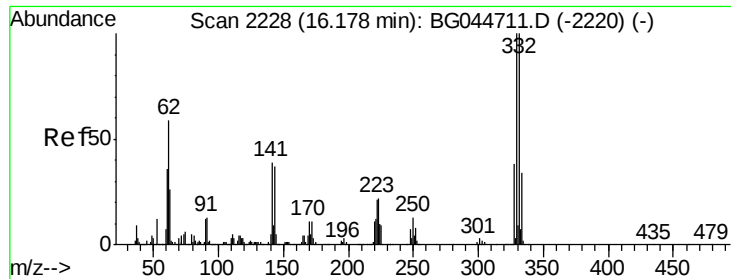
Tot Ion	82	Resp	644138
Ion Ratio	Lower	Upper	
82	100		
128	37.3	30.2	45.2
54	47.7	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion	164	Resp	283053
Ion Ratio	Lower	Upper	
164	100		
162	98.6	80.2	120.4
160	44.5	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 99.933 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB127439BL

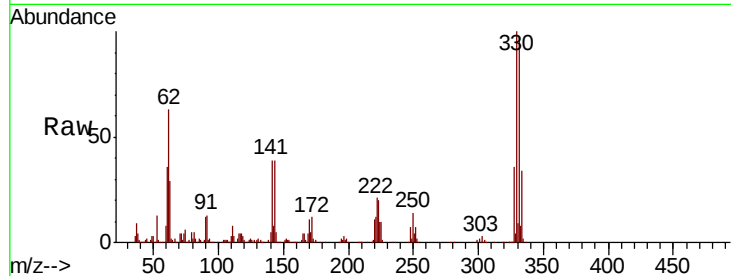
Tot Ion:330 Resp: 370367

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

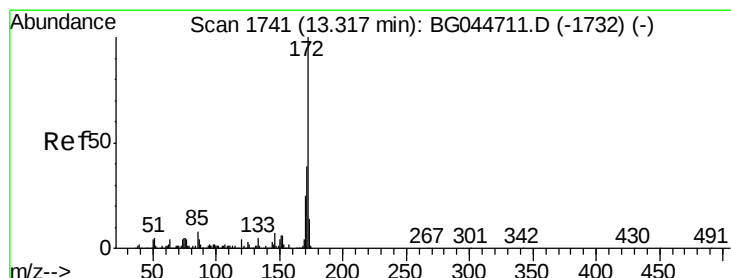
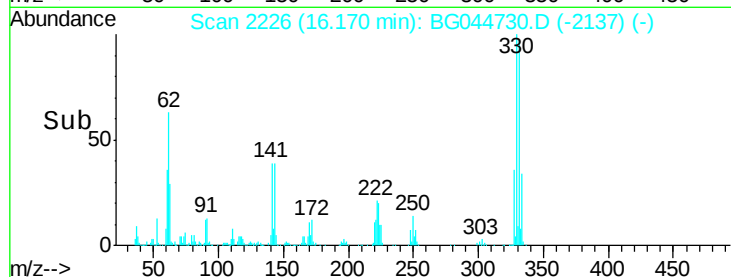
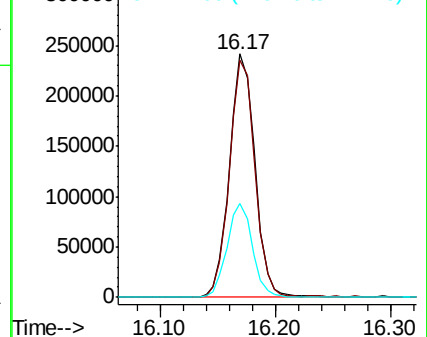
141 38.9 31.7 47.5



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: 69.440 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

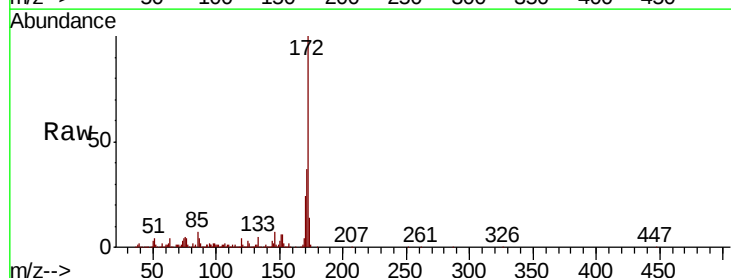
Tgt Ion:172 Resp: 1372540

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

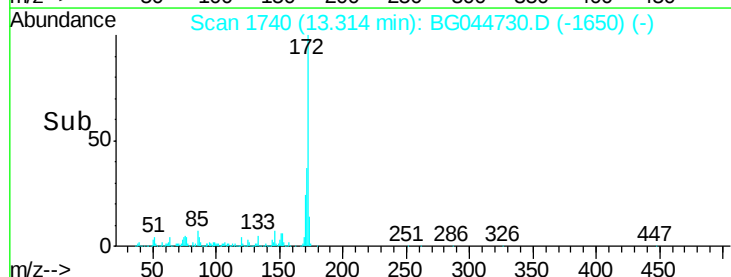
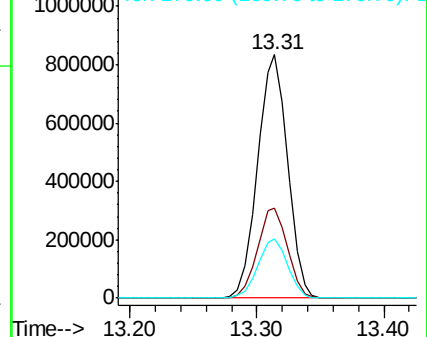
170 24.1 20.0 30.0

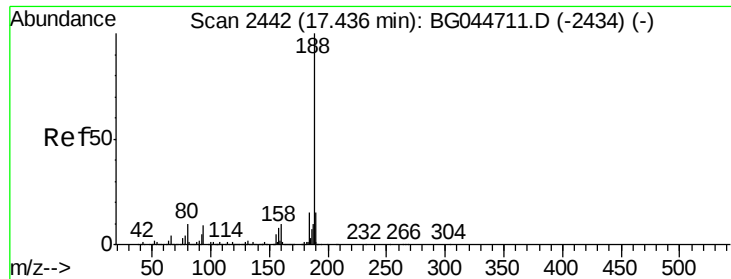


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB127439BL

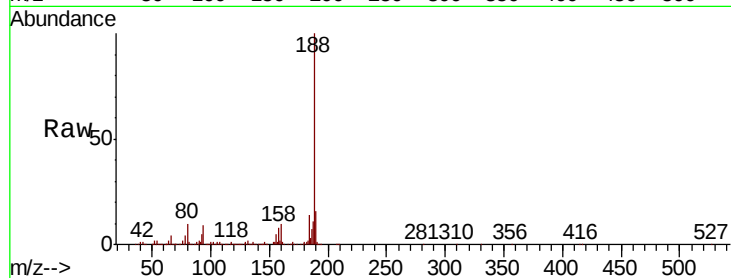
Tot Ion:188 Resp: 650790

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

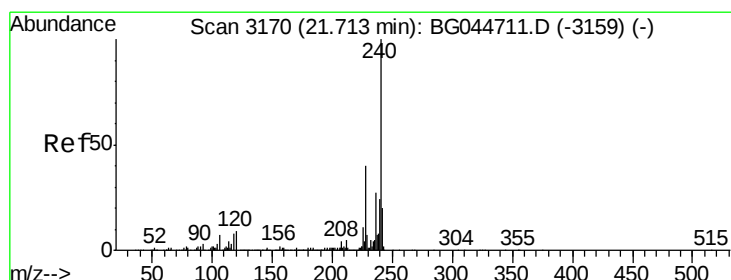
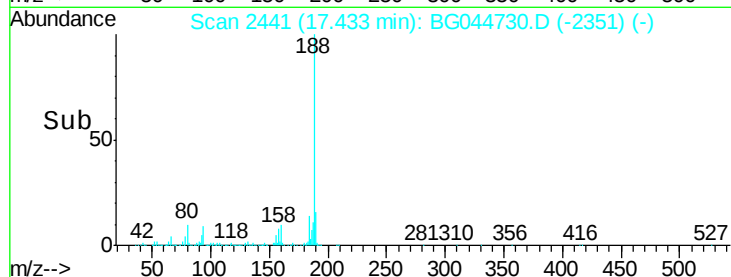
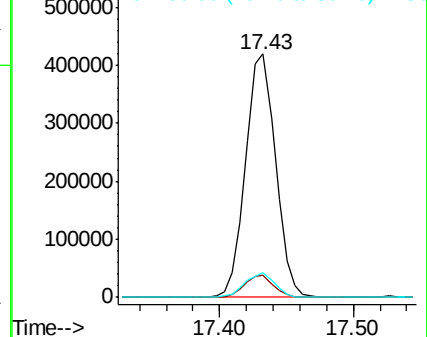
80 9.9 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

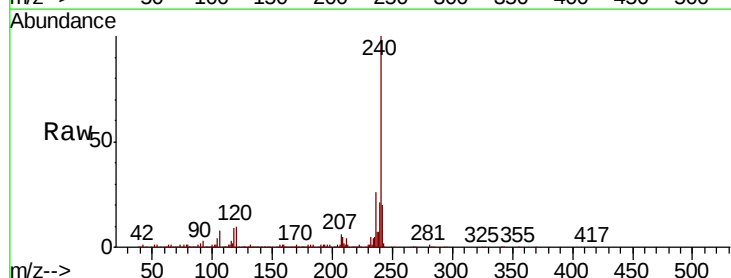
Tgt Ion:240 Resp: 620538

Ion Ratio Lower Upper

240 100

120 9.6 6.9 10.3

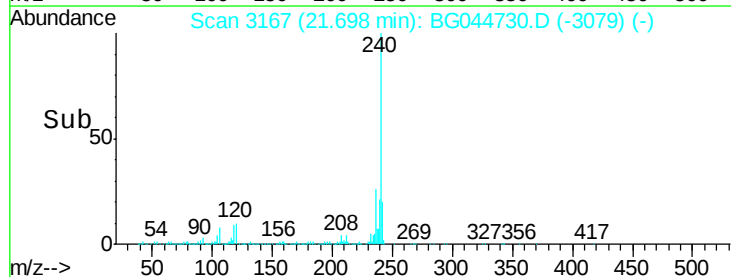
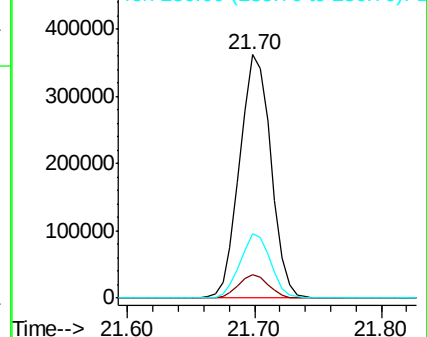
236 26.3 21.9 32.9

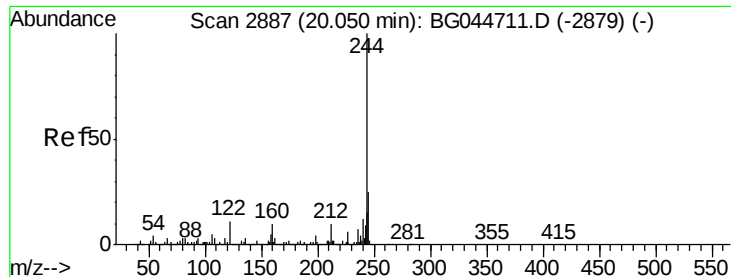


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.513 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

Instrument :

BNA_G

ClientSampleId :

PB127439BL

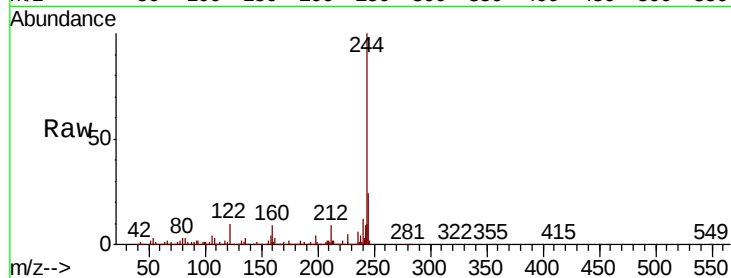
Tot Ion:244 Resp: 2239675

Ion Ratio Lower Upper

244 100

212 9.4 8.4 12.6

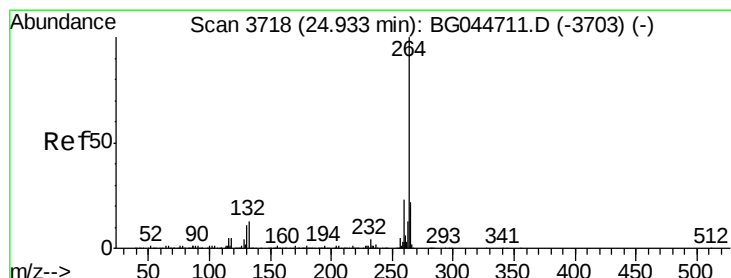
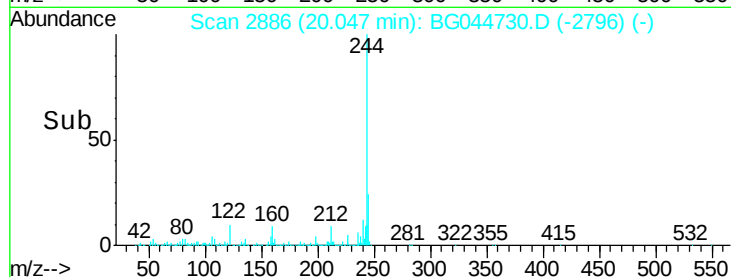
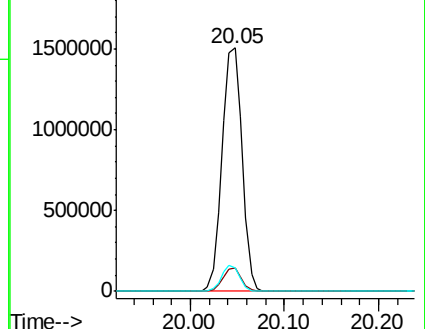
122 9.8 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.01 min

Lab File: BG044730.D

Acq: 12 Mar 2020 11:33

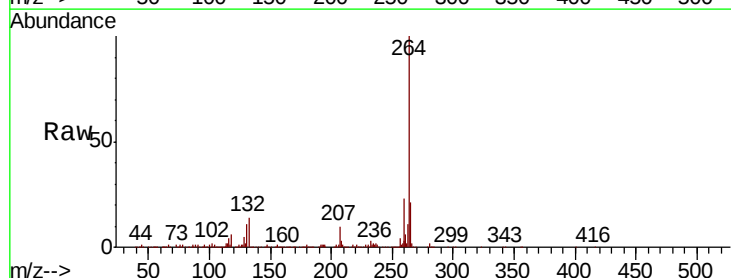
Tgt Ion:264 Resp: 677652

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.3 17.4 26.2



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

