

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044737.D
 Acq On : 12 Mar 2020 16:11
 Operator : CG/JU
 Sample : PB127474BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BL

Quant Time: Mar 13 07:11:26 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	103702	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	408552	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	280348	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	640892	20.00	ng	0.00
76) Chrysene-d12	21.70	240	629676	20.00	ng	-0.01
87) Perylene-d12	24.92	264	694535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	832891	125.03	ng	0.00
7) Phenol-d6	7.21	99	1166833	120.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	762907	81.94	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	449424	122.43	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1591535	81.30	ng	0.00
79) Terphenyl-d14	20.05	244	2657446	78.94	ng	0.00

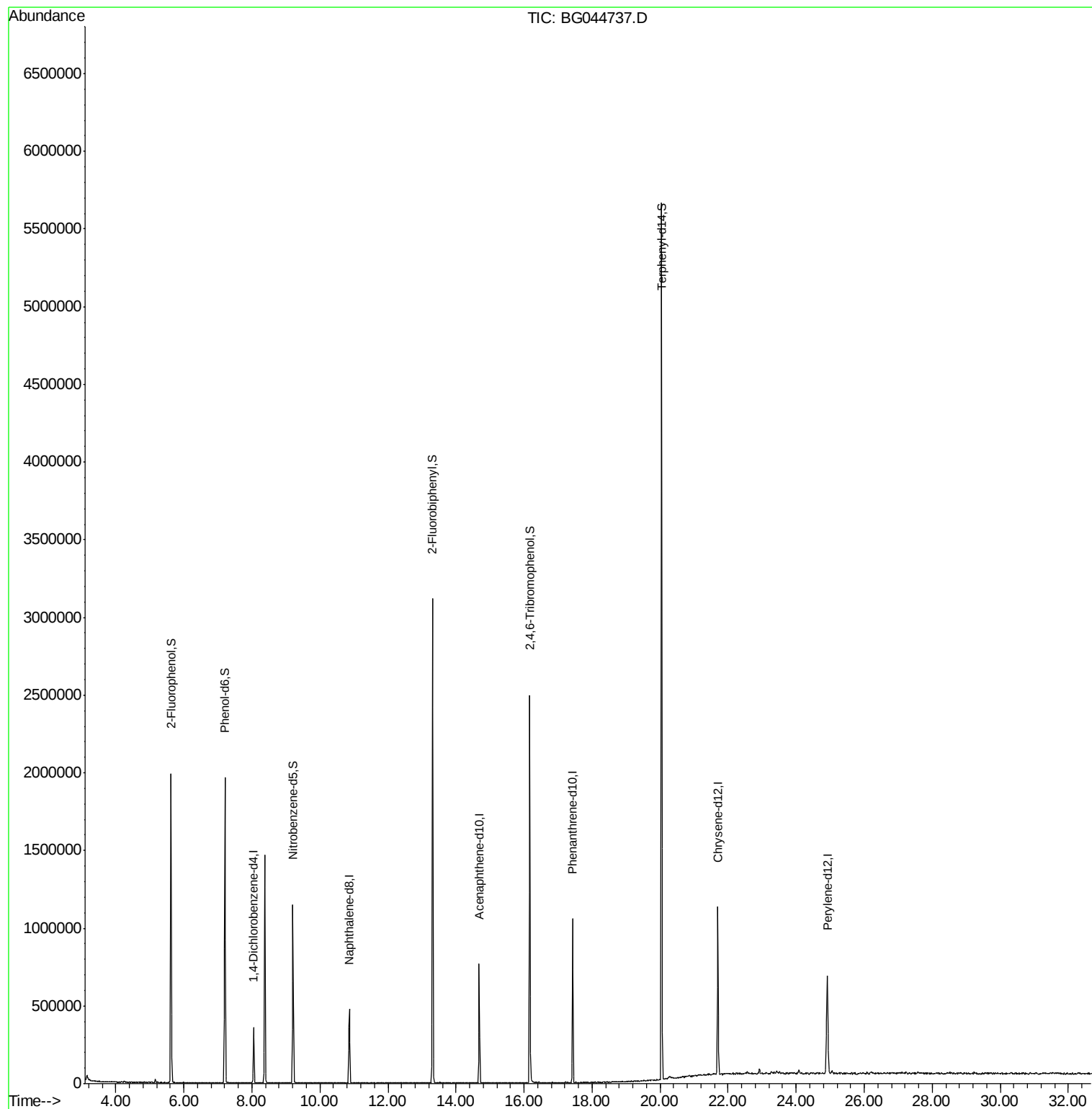
Target Compounds Qvalue

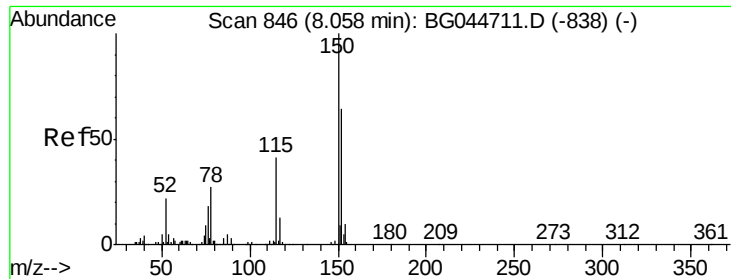
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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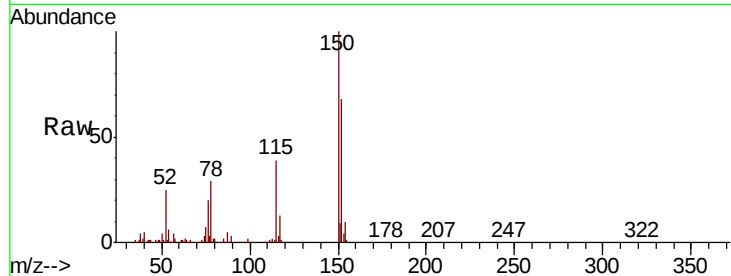


#1

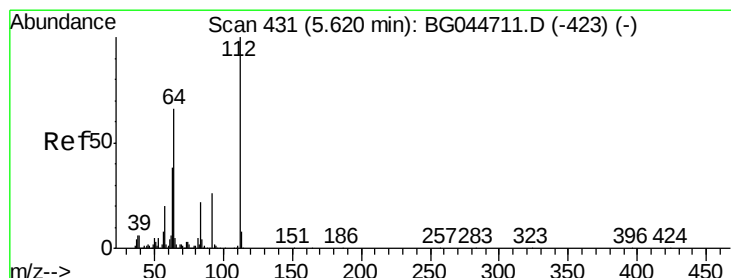
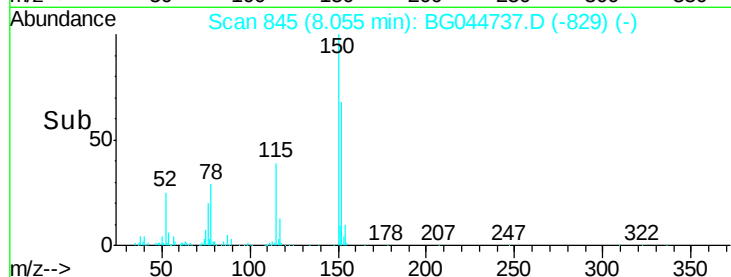
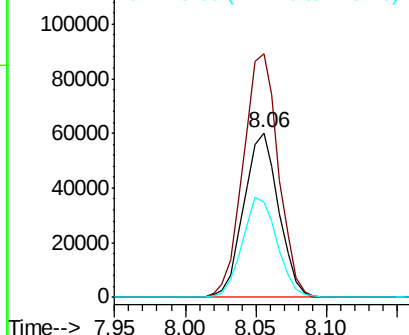
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044737.D
Acq: 12 Mar 2020 16:11

Instrument :
BNA_G
ClientSampleId :
PB127474BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	125.3	187.9
115	58.1	51.7	77.5



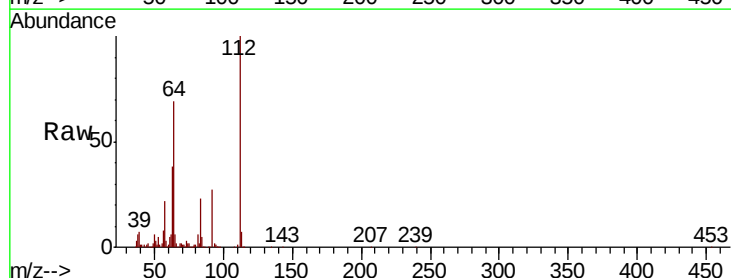
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



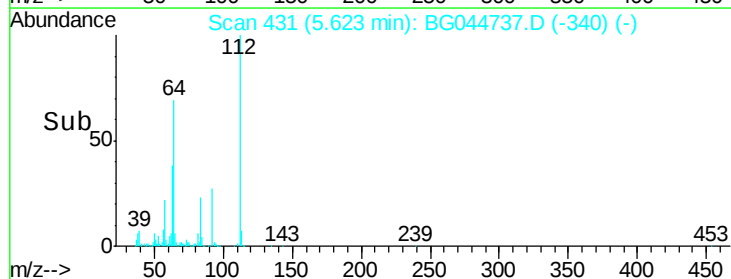
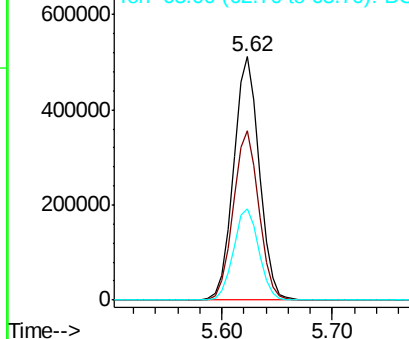
#5

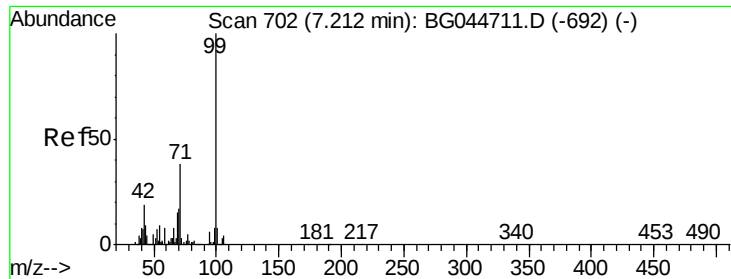
2-Fluorophenol
Concen: 125.027 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044737.D
Acq: 12 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	37.6	30.2	45.4



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: 120.553 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044737.D

Acq: 12 Mar 2020 16:11

Instrument :

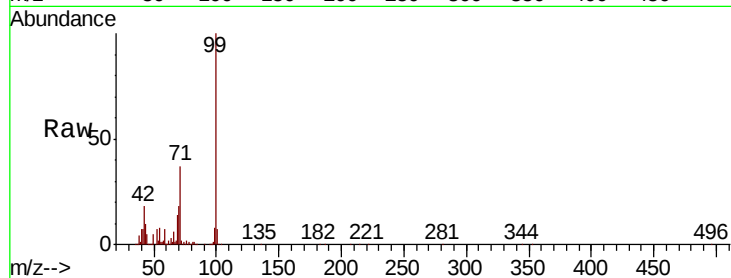
BNA_G

ClientSampleId :

PB127474BL

Tot Ion: 99 Resp: 1166833

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	37.4	30.2	45.4

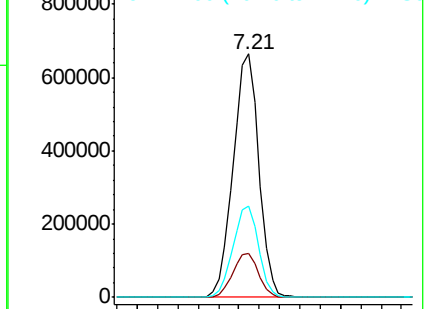


Abundance

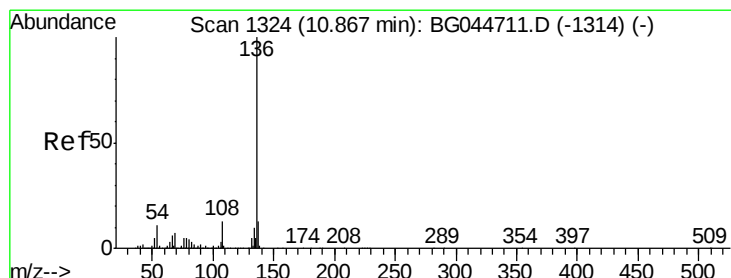
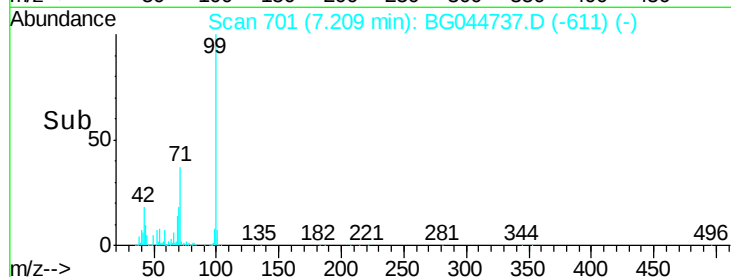
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

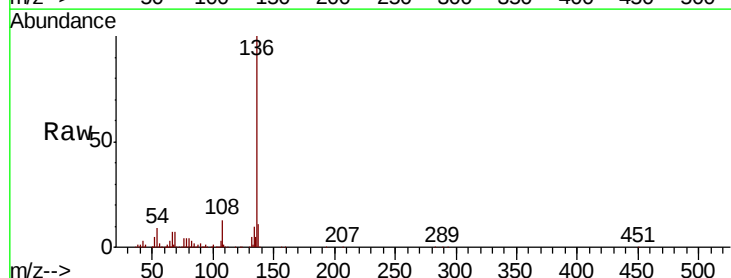
Delta R.T. -0.00 min

Lab File: BG044737.D

Acq: 12 Mar 2020 16:11

Tgt Ion: 136 Resp: 408552

Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.7	16.1
54	9.2	9.0	13.4
68	7.4	5.9	8.9



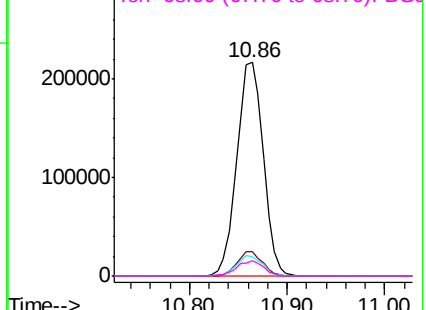
Abundance

Ion 136.00 (135.70 to 136.70): BGC

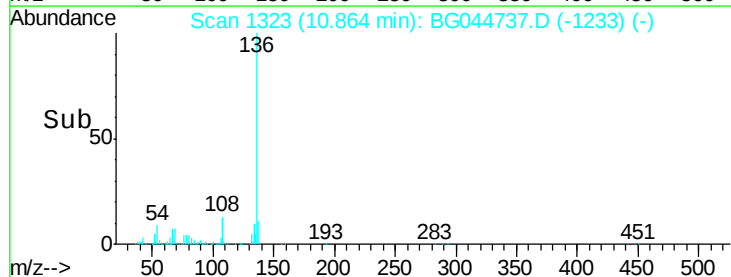
Ion 137.00 (136.70 to 137.70): BGC

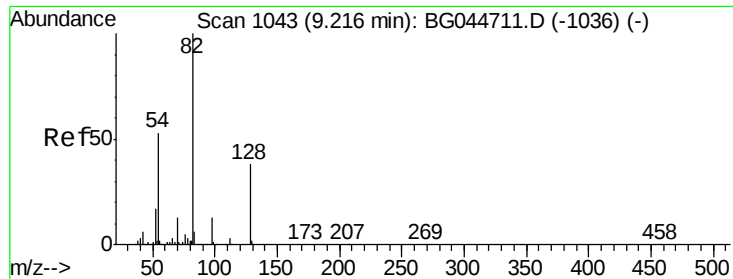
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

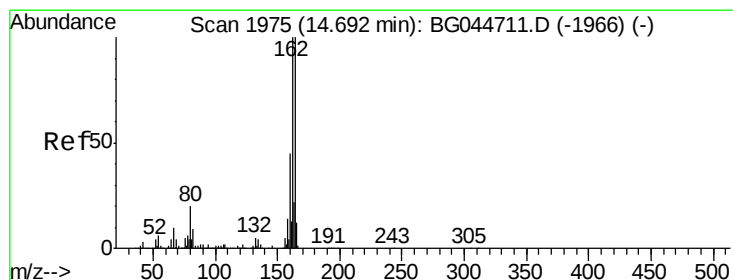
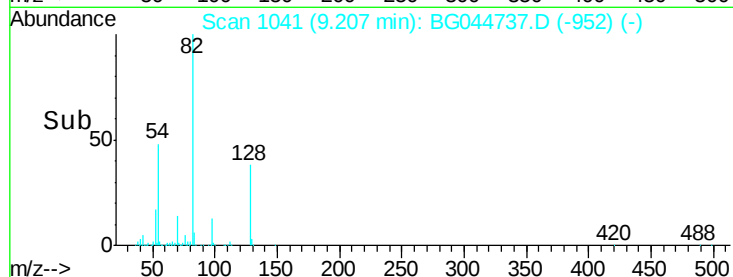
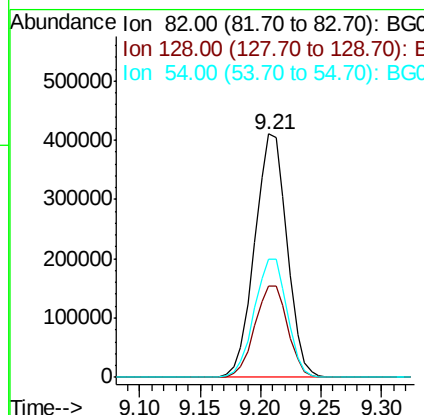
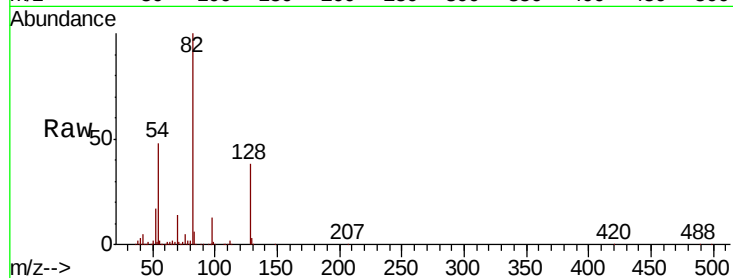




#23
 Nitrobenzene-d5
 Concen: 81.942 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044737.D
 Acq: 12 Mar 2020 16:11

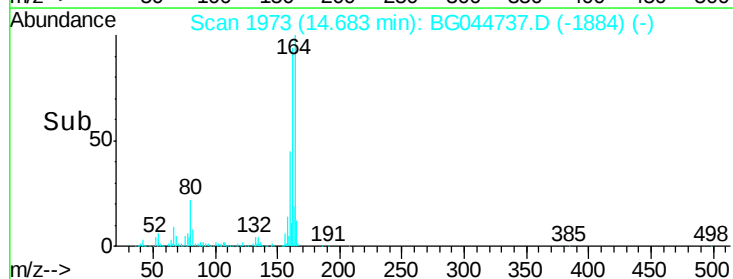
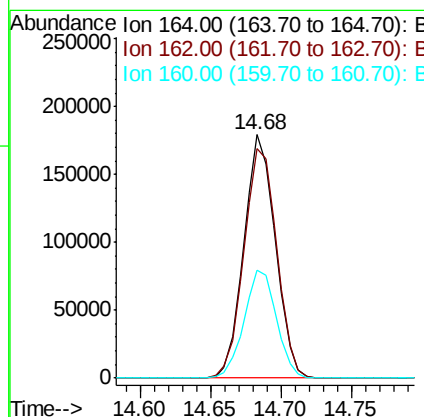
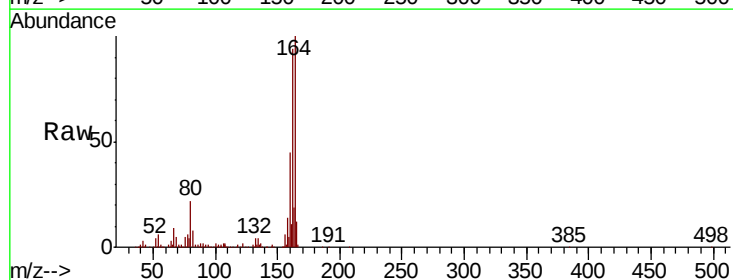
Instrument :
 BNA_G
 ClientSampled :
 PB127474BL

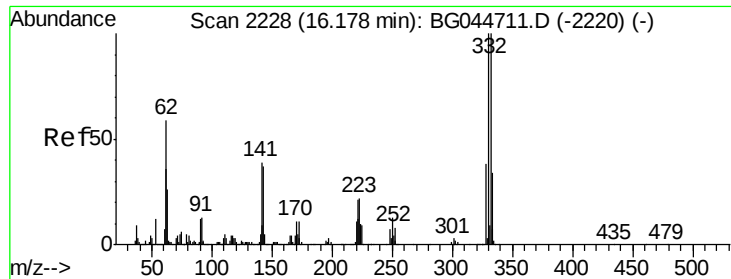
Tot Ion	82	Resp	762907
Ion Ratio	Lower	Upper	
82	100		
128	37.7	30.2	45.2
54	48.3	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044737.D
 Acq: 12 Mar 2020 16:11

Tgt Ion	164	Resp	280348
Ion Ratio	Lower	Upper	
164	100		
162	94.4	80.2	120.4
160	44.5	36.2	54.2

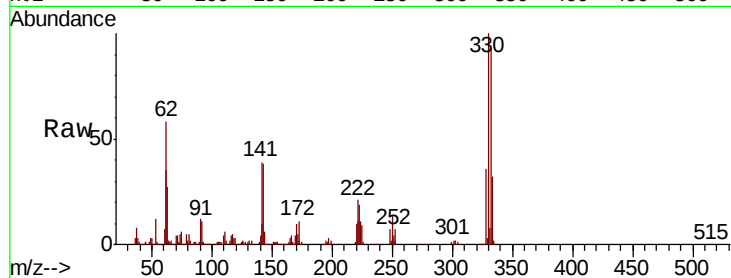




#42
 2,4,6-Tribromophenol
 Concen: 122.435 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044737.D
 Acq: 12 Mar 2020 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127474BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	39.4	31.7	47.5

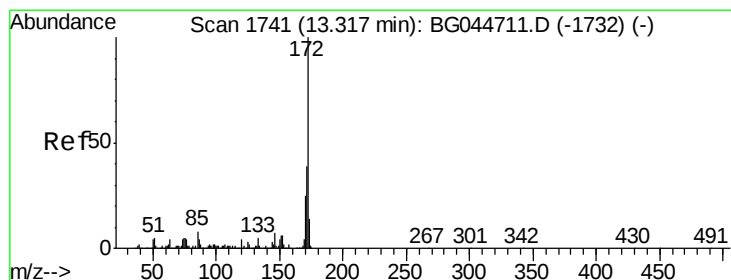
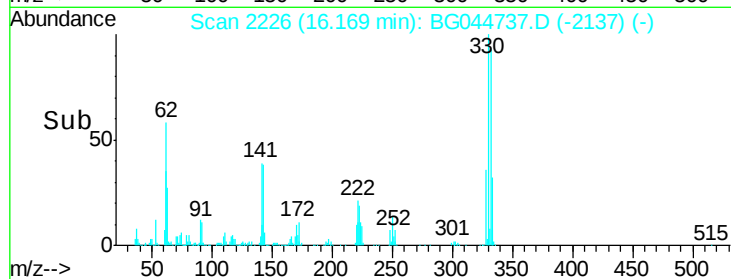
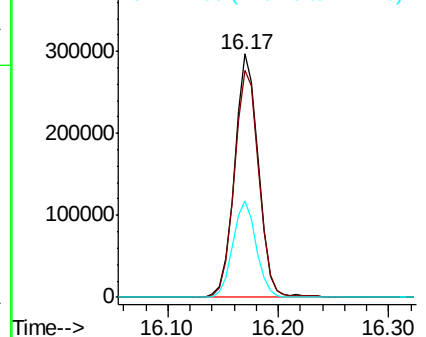


Abundance

Ion 329.80 (329.50 to 330.50): E

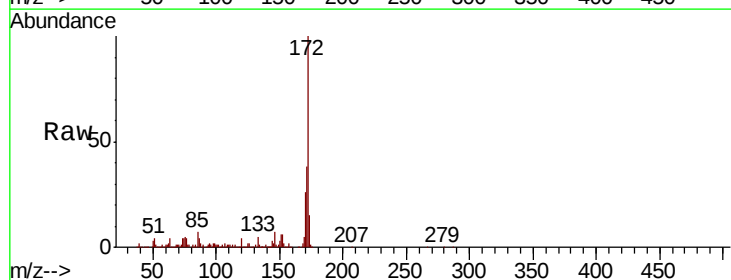
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.296 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044737.D
 Acq: 12 Mar 2020 16:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.6	20.0	30.0

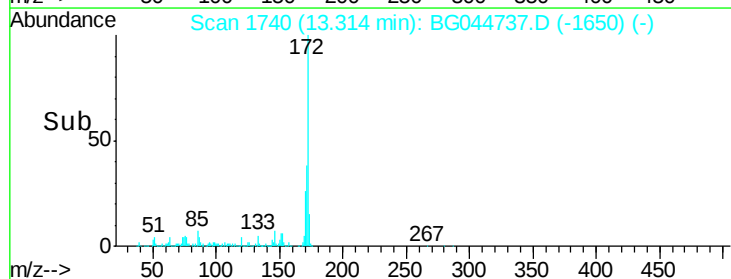
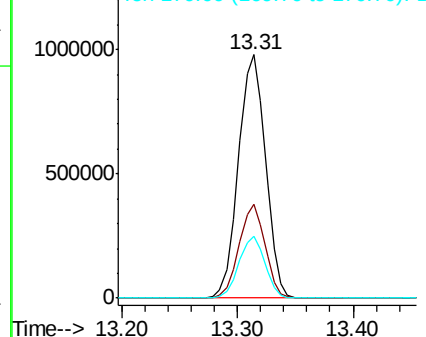


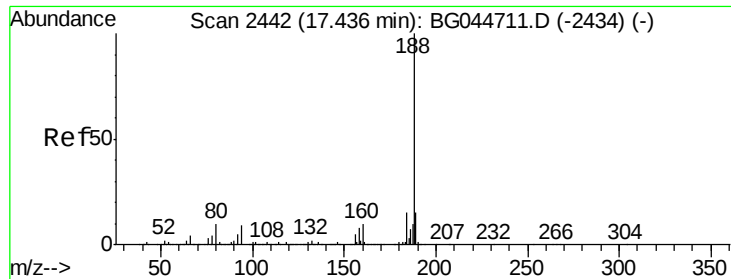
Abundance

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: BG044737.D

Acq: 12 Mar 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB127474BL

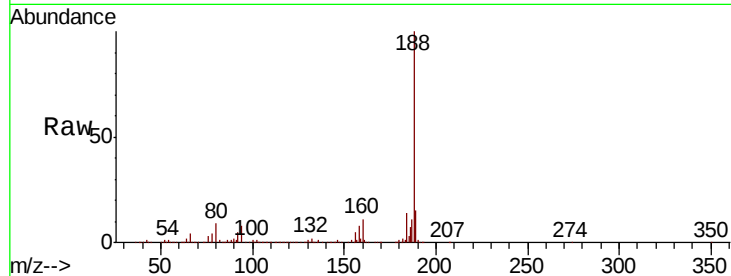
Tot Ion:188 Resp: 640892

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

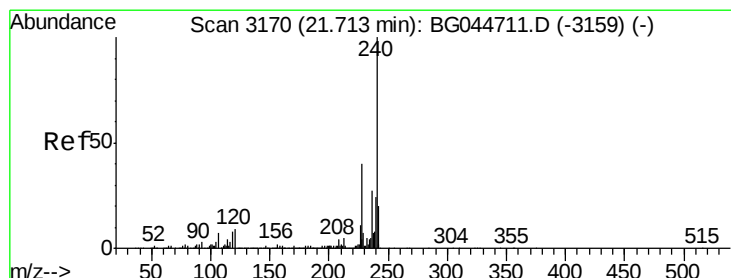
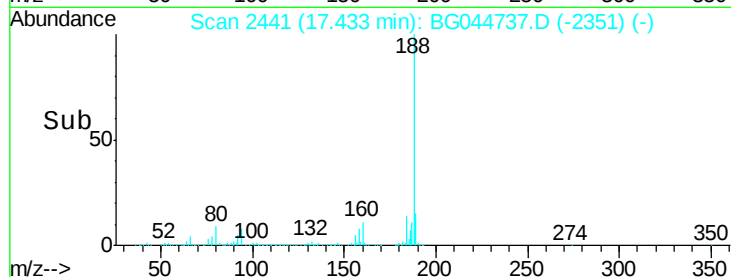
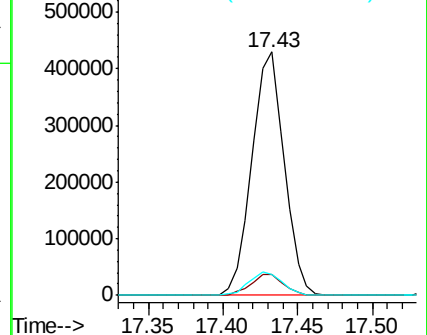
80 8.8 8.4 12.6



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044737.D

Acq: 12 Mar 2020 16:11

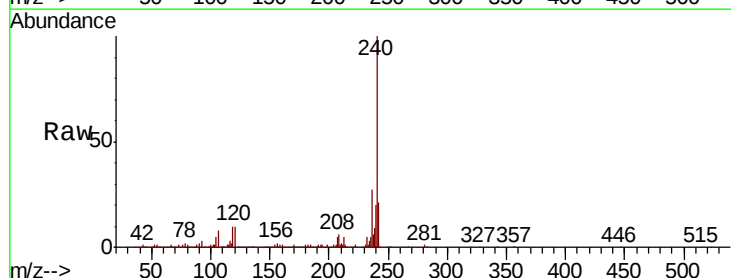
Tgt Ion:240 Resp: 629676

Ion Ratio Lower Upper

240 100

120 9.5 6.9 10.3

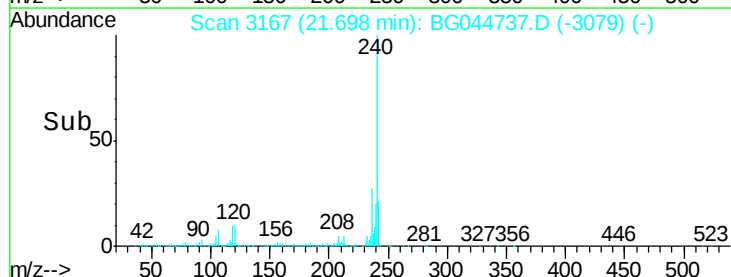
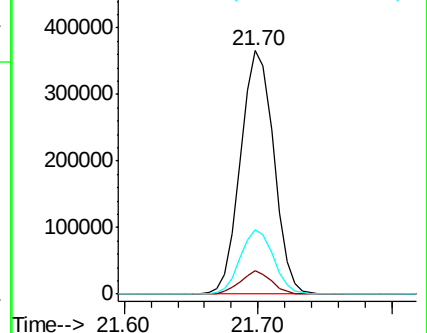
236 26.6 21.9 32.9

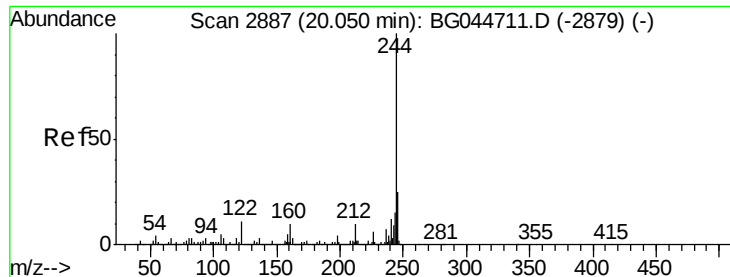


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.944 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044737.D

Acq: 12 Mar 2020 16:11

Instrument :

BNA_G

ClientSampleId :

PB127474BL

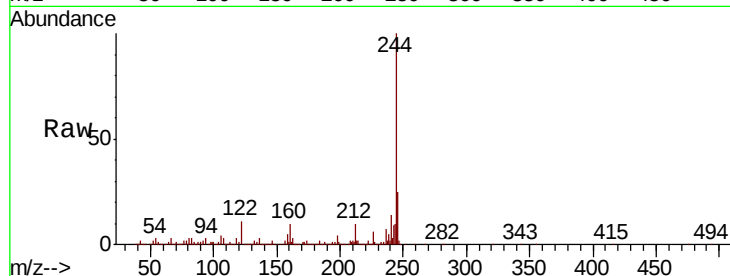
Tot Ion:244 Resp: 2657446

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	10.9	8.7	13.1

244 100

212 10.5 8.4 12.6

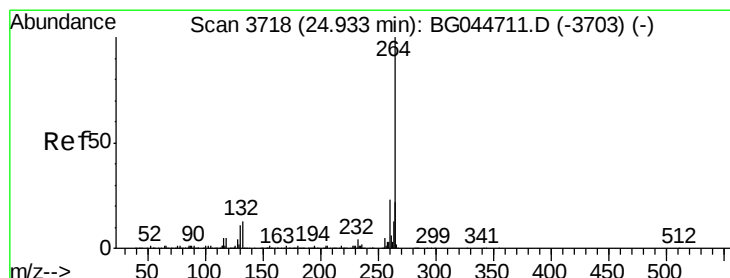
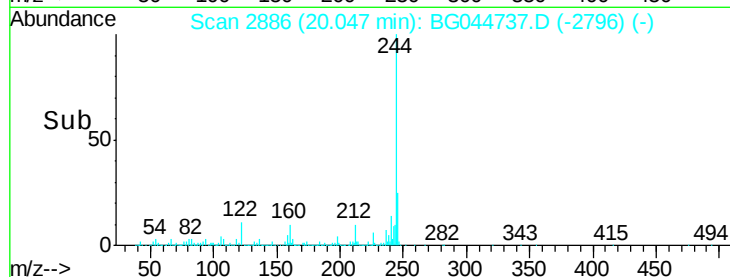
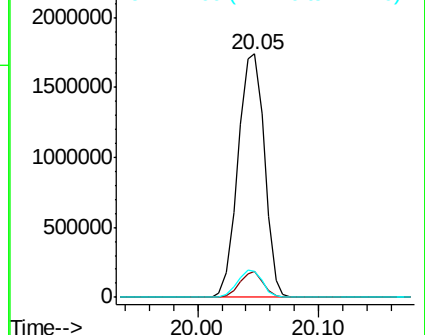
122 10.9 8.7 13.1



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: BG044737.D

Acq: 12 Mar 2020 16:11

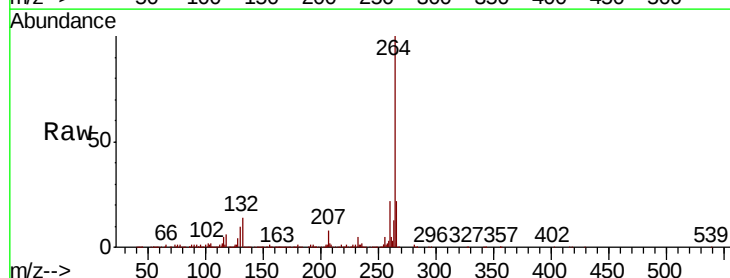
Tgt Ion:264 Resp: 694535

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.7	17.4	26.2

264 100

260 22.3 18.4 27.6

265 21.7 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

