

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
 Data File : BG044938.D
 Acq On : 24 Mar 2020 20:06
 Operator : CG/JU
 Sample : PB127786TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127786TB

Quant Time: Mar 25 05:57:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77937	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	300944	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	192995	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	454613	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	469711	20.00	ng	-0.02
87) Perylene-d12	24.89	264	488883	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	696892	139.20	ng	0.00
7) Phenol-d6	7.20	99	949740	130.56	ng	0.00
23) Nitrobenzene-d5	9.20	82	625649	91.23	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	390682	154.60	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1329779	98.67	ng	0.00
79) Terphenyl-d14	20.03	244	2206006	87.85	ng	-0.01

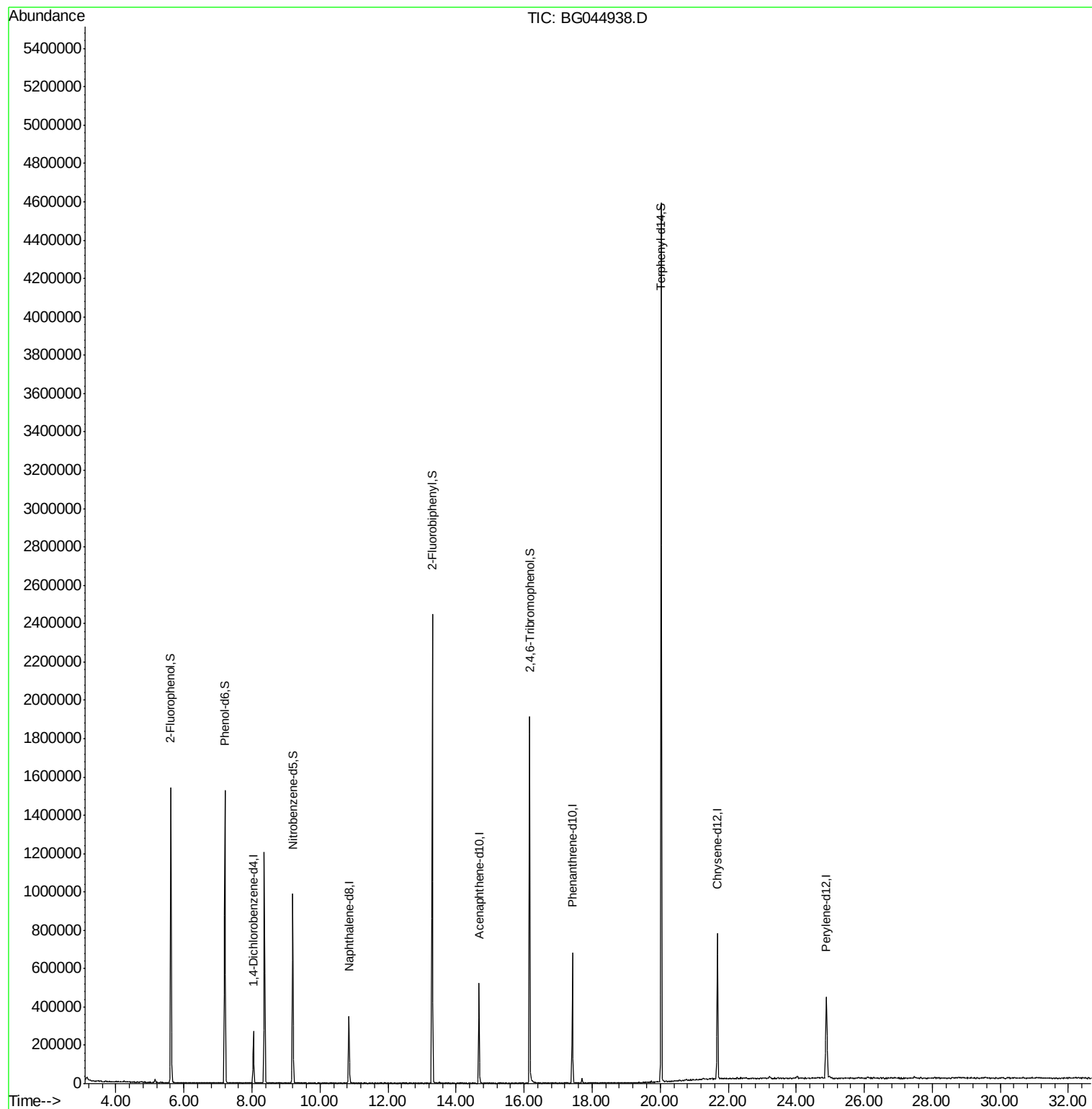
Target Compounds Qvalue

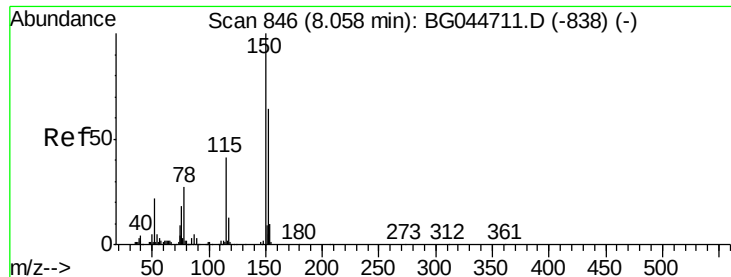
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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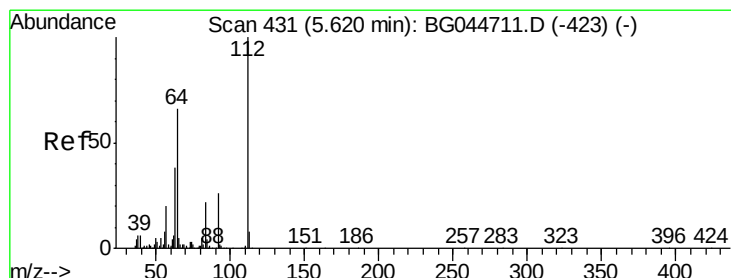
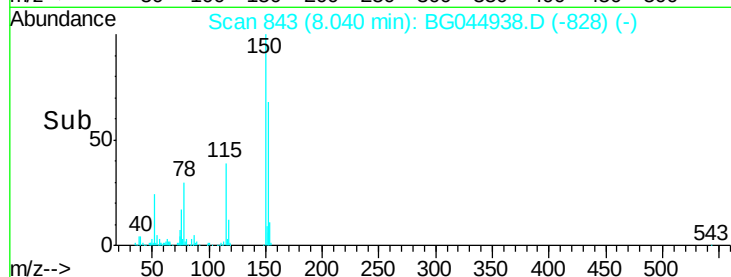
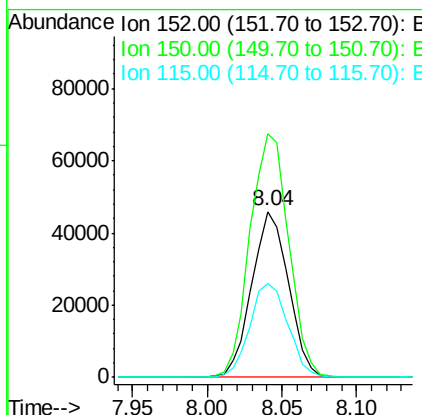
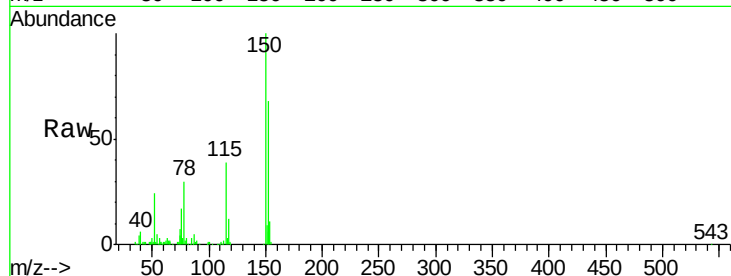


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044938.D
Acq: 24 Mar 2020 20:06

Instrument :
BNA_G
ClientSampleId :
PB127786TB

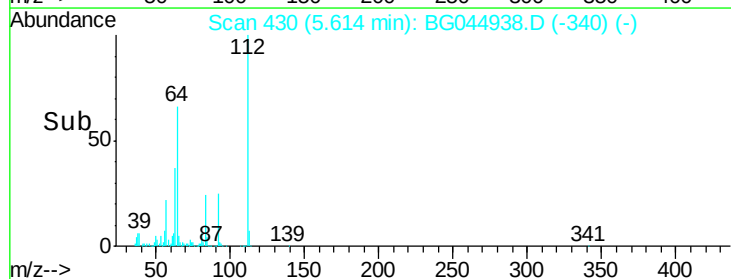
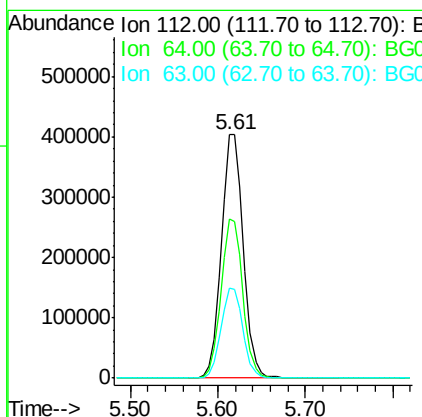
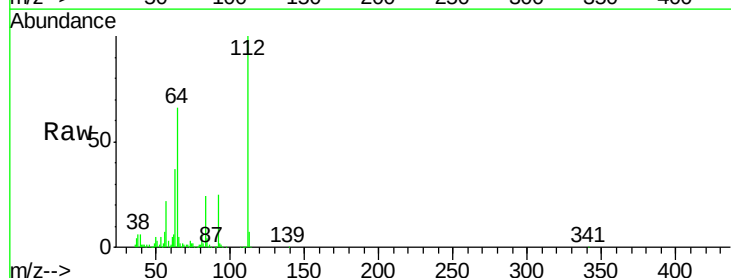
Tot Ion	152	Resp	77937
Ion	Ratio	Lower	Upper
152	100		
150	146.7	128.8	193.2
115	56.8	52.6	79.0

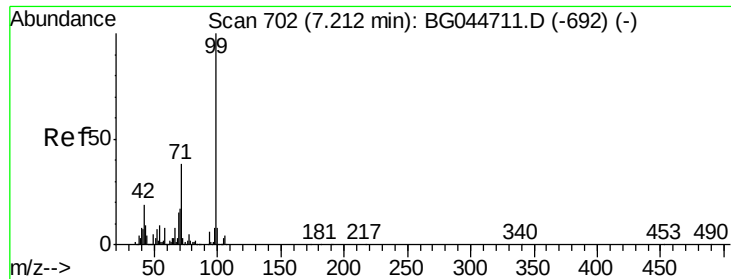


#5

2-Fluorophenol
Concen: 139.195 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044938.D
Acq: 24 Mar 2020 20:06

Tgt Ion	112	Resp	696892
Ion	Ratio	Lower	Upper
112	100		
64	65.5	53.4	80.2
63	36.8	29.4	44.2





#7

Phenol-d6

Concen: 130.563 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

Instrument :

BNA_G

ClientSampleId :

PB127786TB

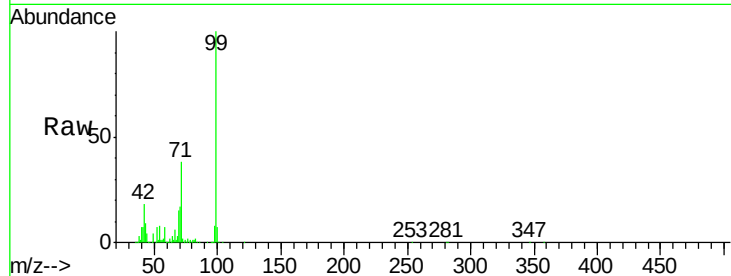
Tot Ion: 99 Resp: 949740

Ion Ratio Lower Upper

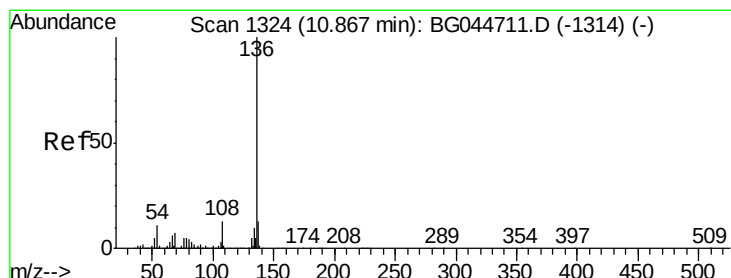
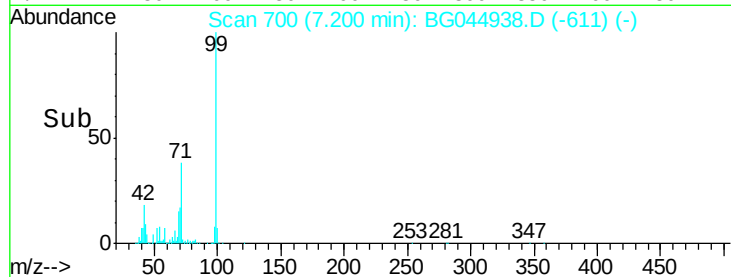
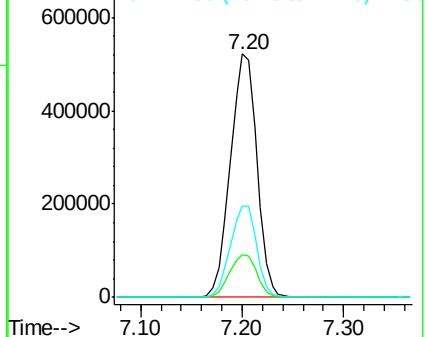
99 100

42 17.5 12.6 19.0

71 37.7 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

Tgt Ion: 136 Resp: 300944

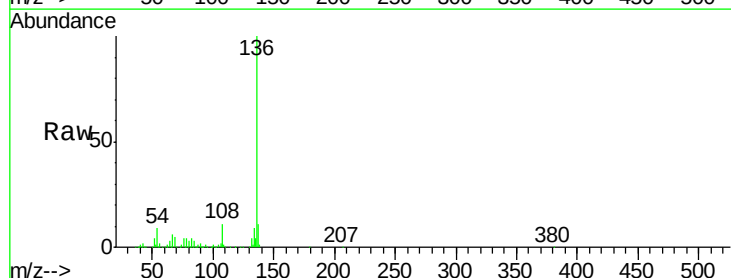
Ion Ratio Lower Upper

136 100

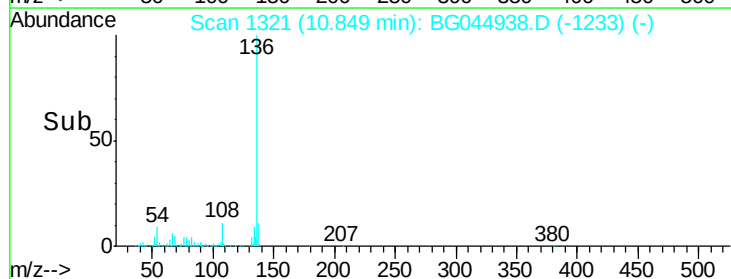
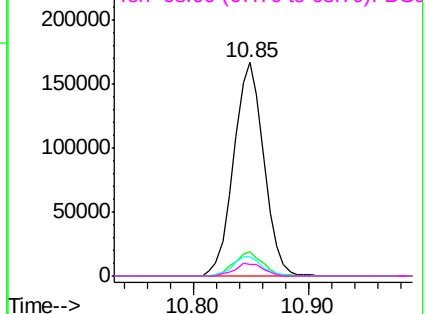
137 11.3 9.8 14.6

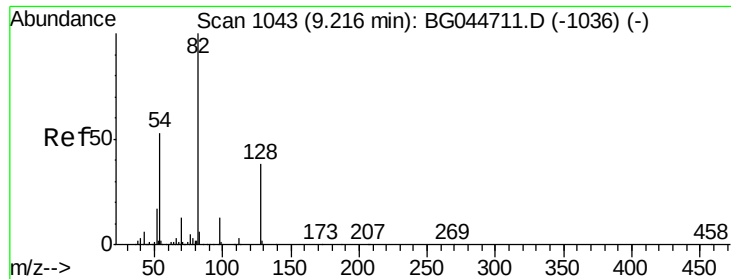
54 8.9 7.9 11.9

68 5.4 5.4 8.0



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

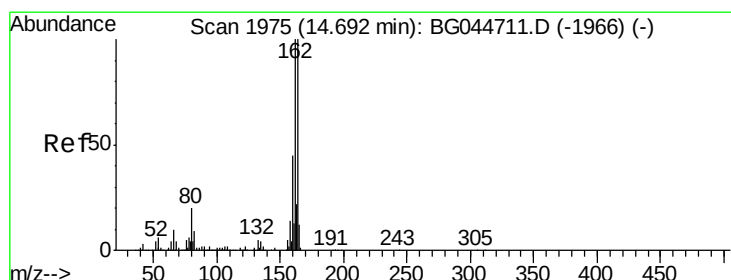
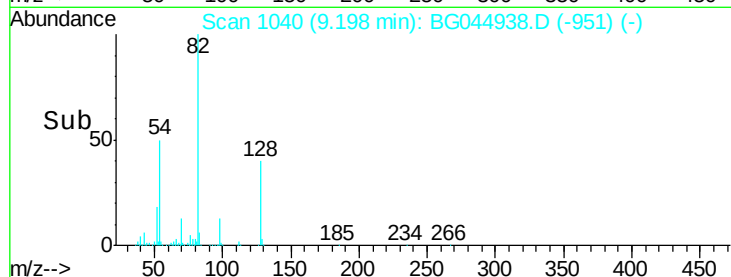
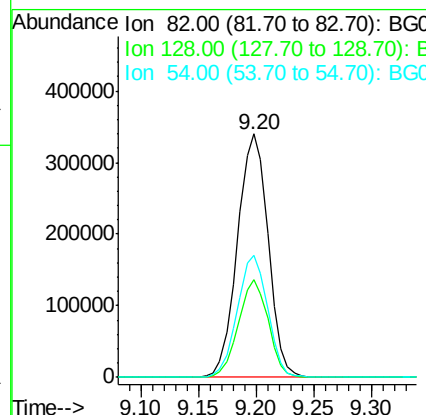
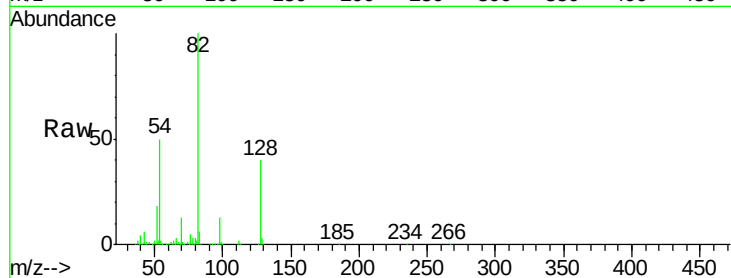




#23
 Nitrobenzene-d5
 Concen: 91.227 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044938.D
 Acq: 24 Mar 2020 20:06

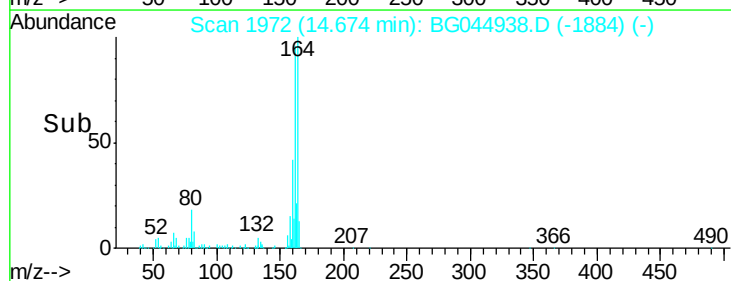
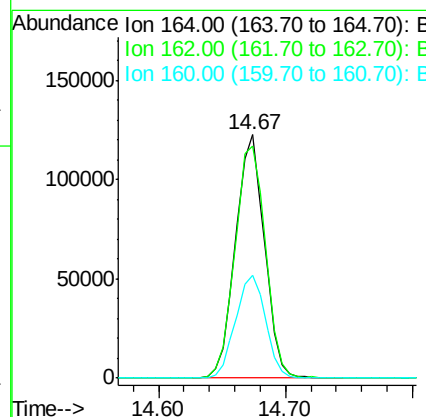
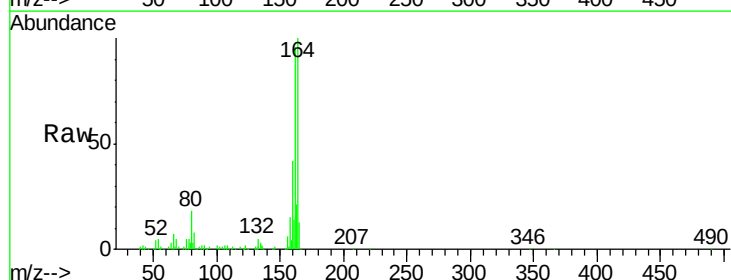
Instrument :
 BNA_G
 ClientSampleId :
 PB127786TB

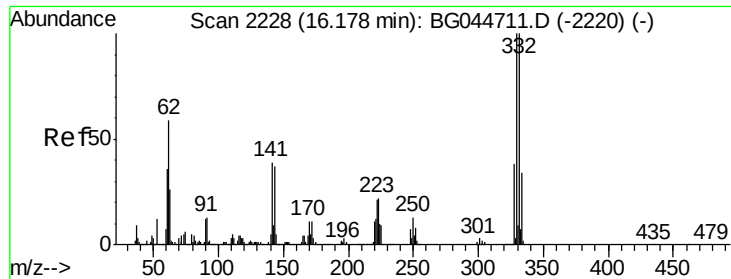
Tot Ion	82	Resp	625649
Ion Ratio	Lower	Upper	
82	100		
128	40.2	30.6	46.0
54	50.3	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044938.D
 Acq: 24 Mar 2020 20:06

Tgt Ion	164	Resp	192995
Ion Ratio	Lower	Upper	
164	100		
162	95.6	76.7	115.1
160	42.2	35.0	52.4

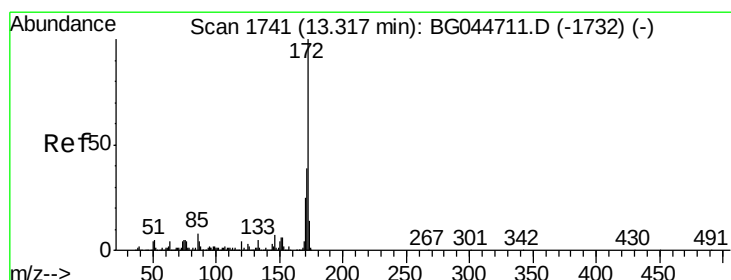
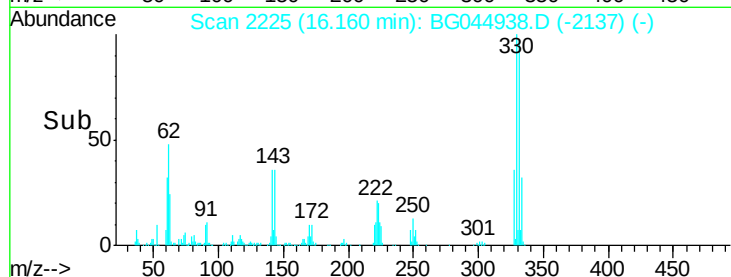
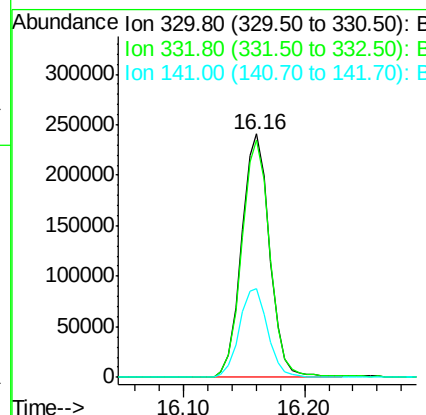
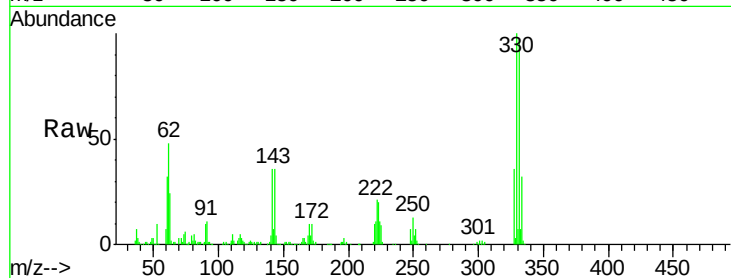




#42
 2,4,6-Tribromophenol
 Concen: 154.605 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044938.D
 Acq: 24 Mar 2020 20:06

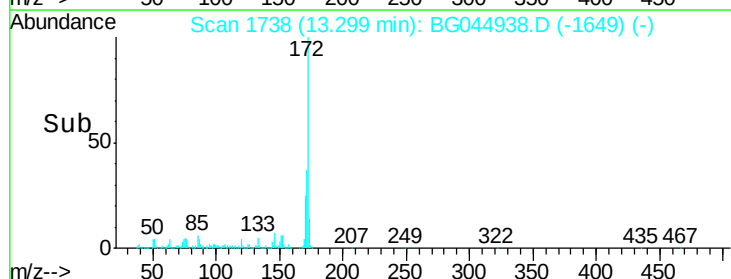
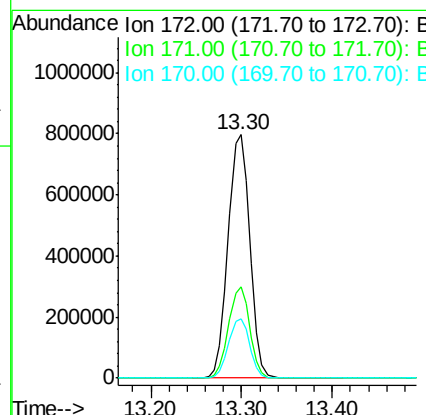
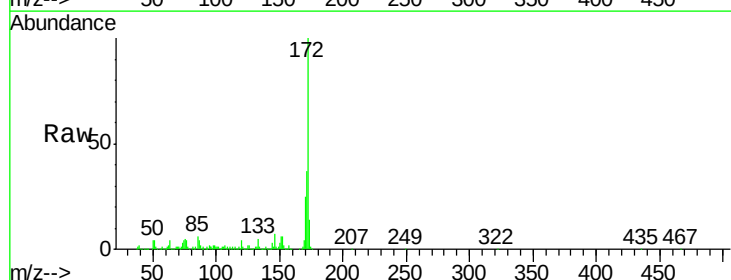
Instrument :
 BNA_G
 ClientSampleId :
 PB127786TB

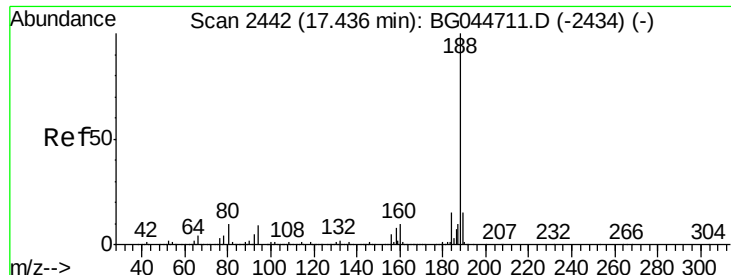
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	37.2	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 98.670 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044938.D
 Acq: 24 Mar 2020 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.6	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

Instrument :

BNA_G

ClientSampleId :

PB127786TB

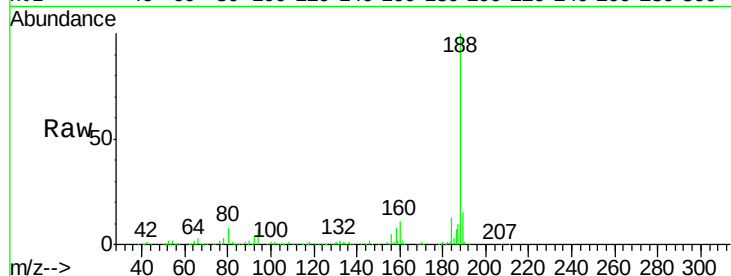
Tot Ion:188 Resp: 454613

Ion Ratio Lower Upper

188 100

94 6.7 7.3 10.9#

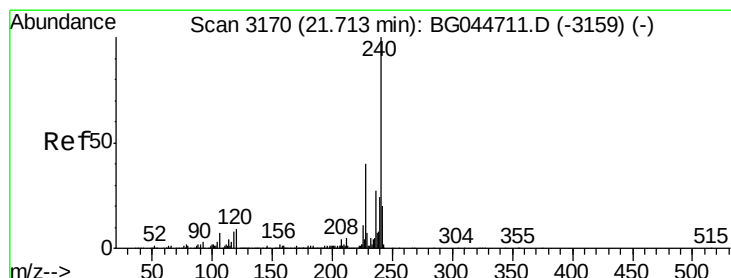
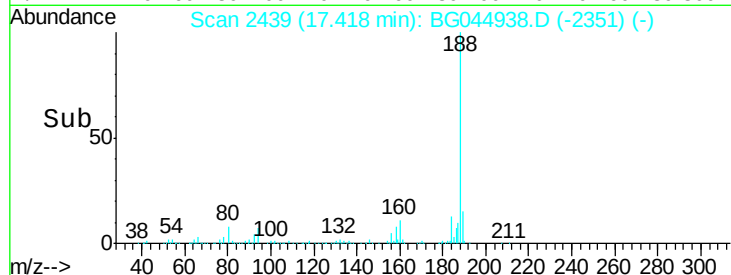
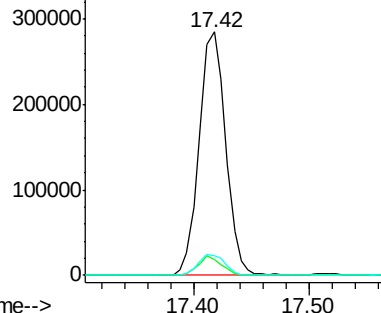
80 8.2 8.0 12.0



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: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

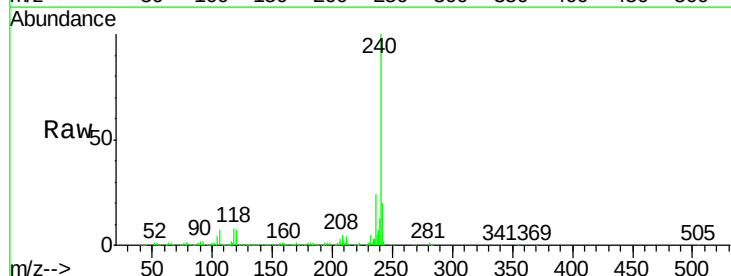
Tgt Ion:240 Resp: 469711

Ion Ratio Lower Upper

240 100

120 7.3 6.7 10.1

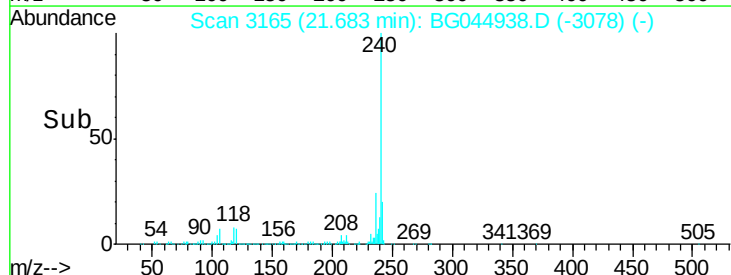
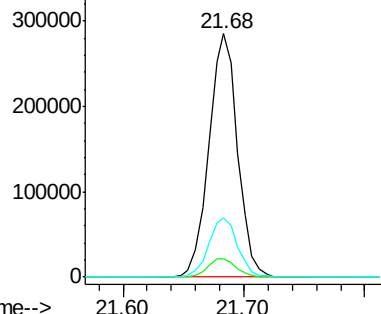
236 24.3 21.5 32.3

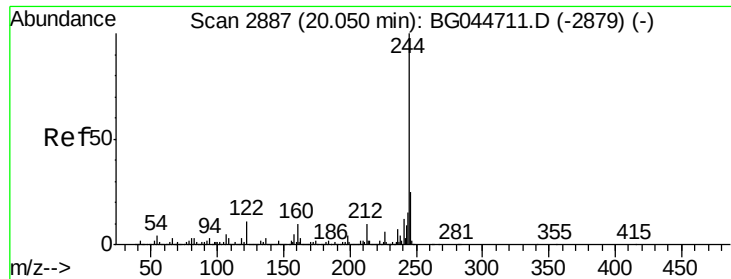


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.851 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

Instrument :

BNA_G

ClientSampleId :

PB127786TB

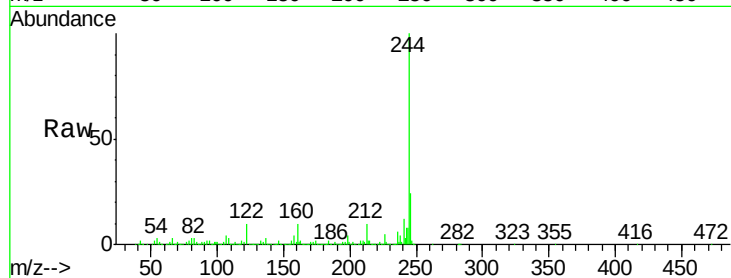
Tot Ion:244 Resp: 2206006

Ion Ratio Lower Upper

244 100

212 9.6 7.7 11.5

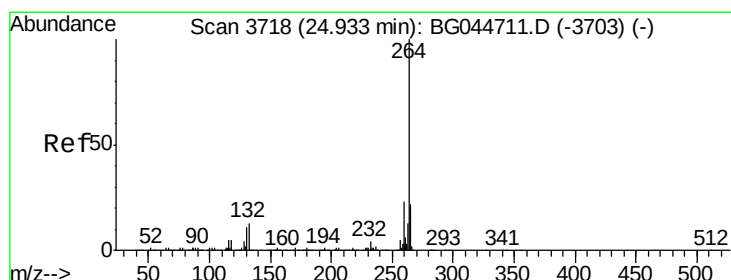
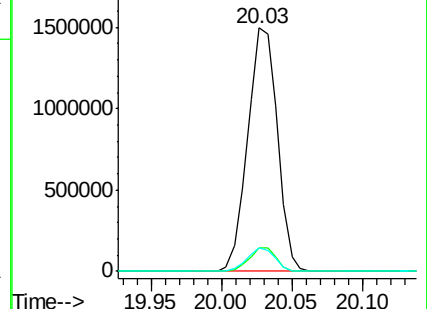
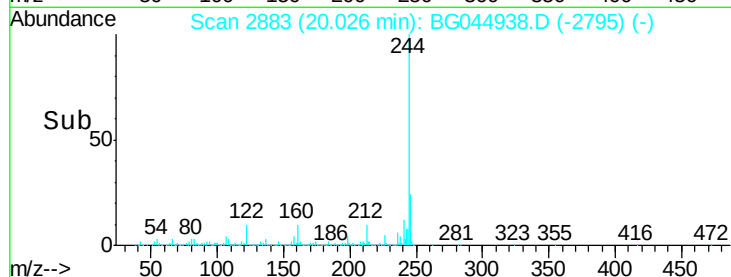
122 9.9 8.6 12.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044938.D

Acq: 24 Mar 2020 20:06

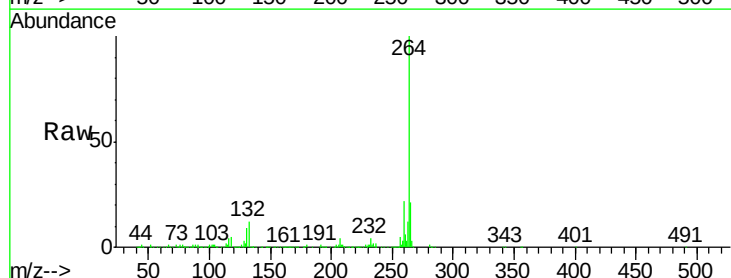
Tgt Ion:264 Resp: 488883

Ion Ratio Lower Upper

264 100

260 22.2 18.1 27.1

265 20.9 17.1 25.7



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

