

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044721.D
 Acq On : 11 Mar 2020 15:30
 Operator : CG/JU
 Sample : PB127319BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BL

Quant Time: Mar 12 02:14:57 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	115427	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	474115	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	335245	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	756842	20.00	ng	0.00
76) Chrysene-d12	21.70	240	699779	20.00	ng	-0.01
87) Perylene-d12	24.92	264	774656	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	831886	112.19	ng	0.00
7) Phenol-d6	7.21	99	1174449	109.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	752943	69.69	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	451396	102.83	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1603169	68.48	ng	0.00
79) Terphenyl-d14	20.05	244	2522071	67.42	ng	0.00

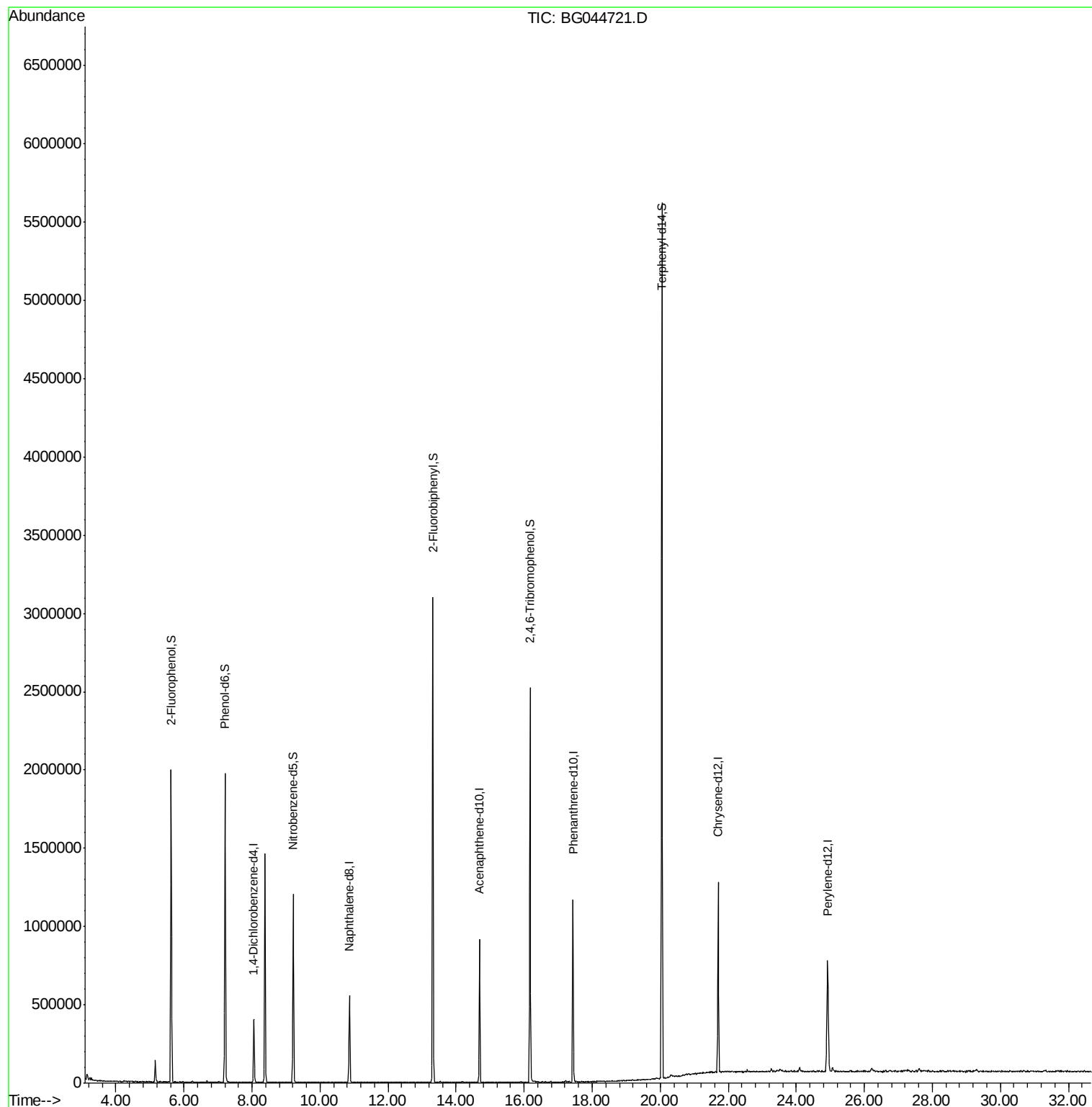
Target Compounds Qvalue

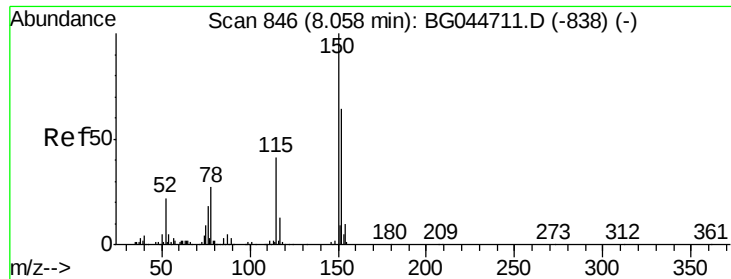
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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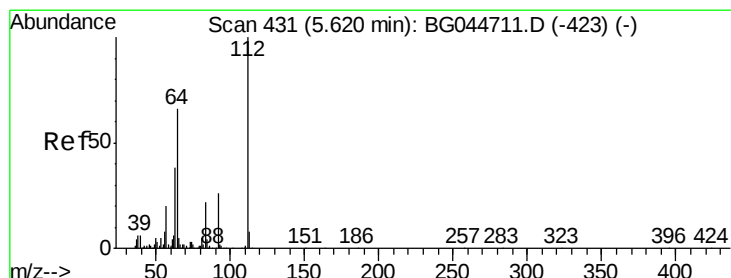
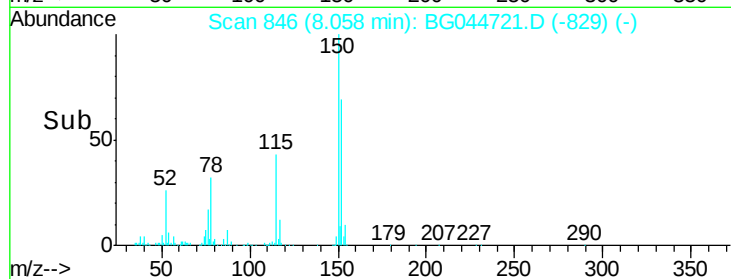
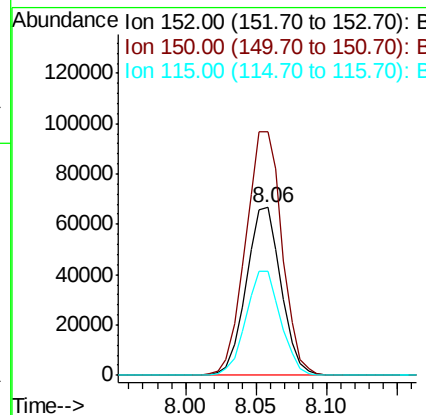
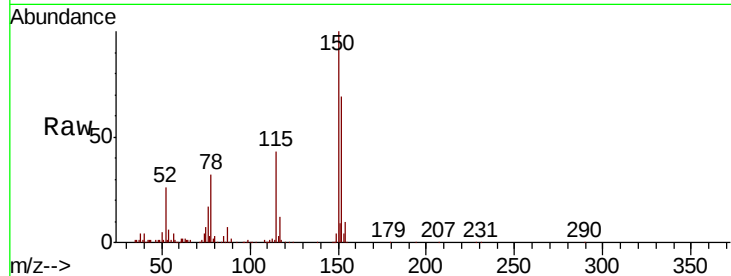


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044721.D
Acq: 11 Mar 2020 15:30

Instrument :
BNA_G
ClientSampleId :
PB127319BL

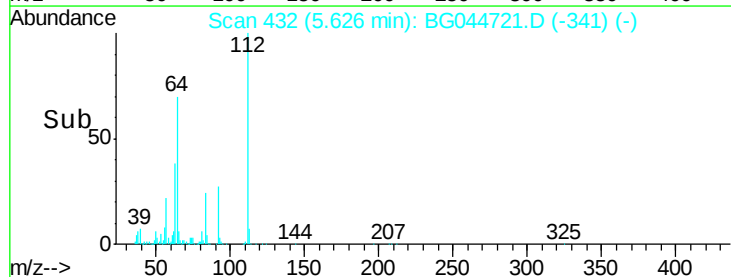
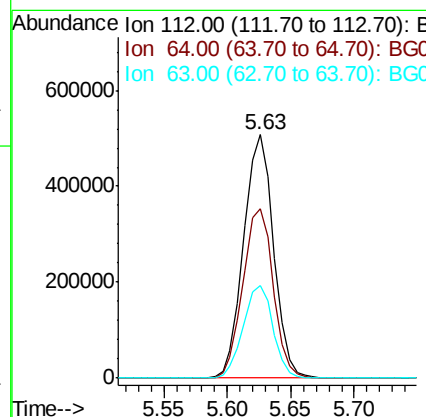
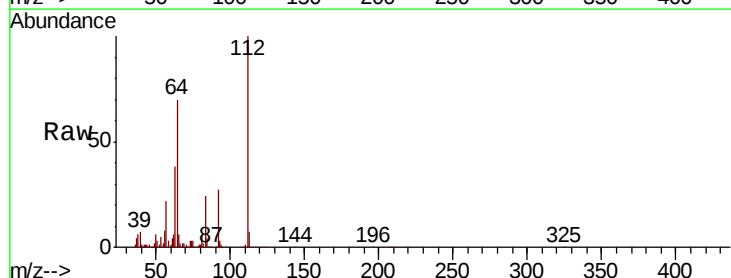
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	125.3	187.9
115	61.7	51.7	77.5

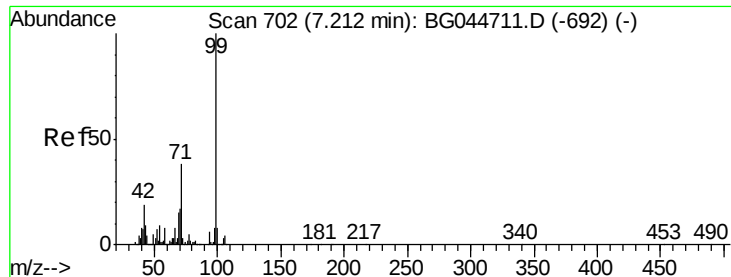


#5

2-Fluorophenol
Concen: 112.191 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044721.D
Acq: 11 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	52.6	78.8
63	38.0	30.2	45.4





#7

Phenol-d6

Concen: 109.015 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

Instrument :

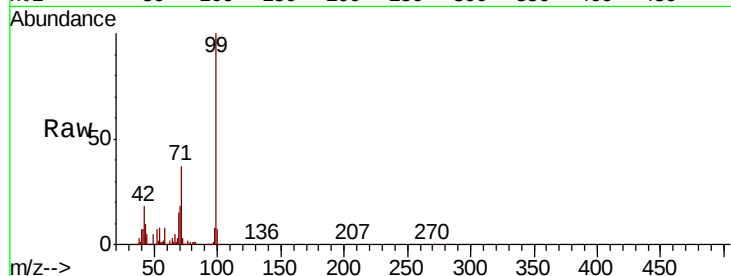
BNA_G

ClientSampleId :

PB127319BL

Tot Ion: 99 Resp: 1174449

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.4	23.0
71	37.3	30.2	45.4

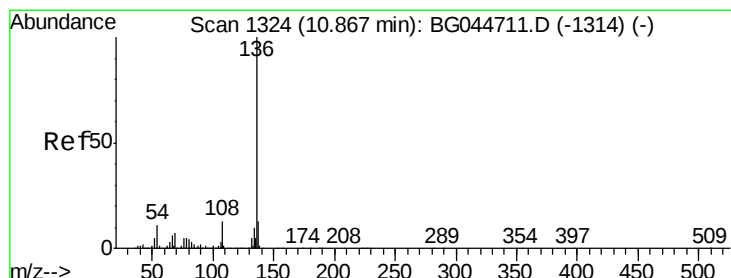
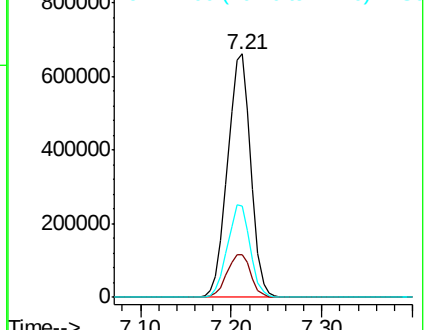
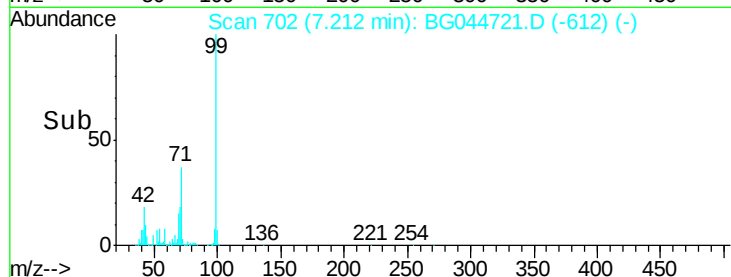


Abundance

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: 10.87 min Scan# 1324

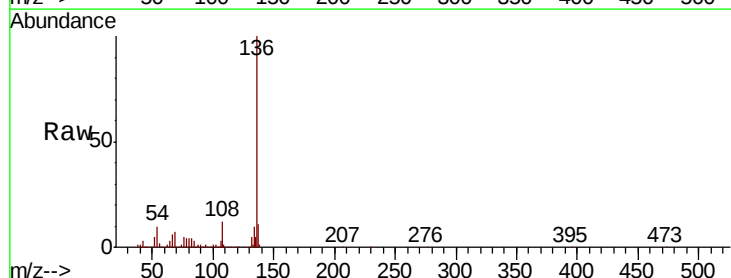
Delta R.T. -0.00 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

Tgt Ion: 136 Resp: 474115

Ion	Ratio	Lower	Upper
136	100		
137	11.1	10.7	16.1
54	10.5	9.0	13.4
68	7.1	5.9	8.9



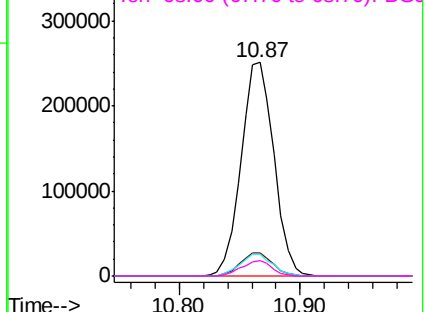
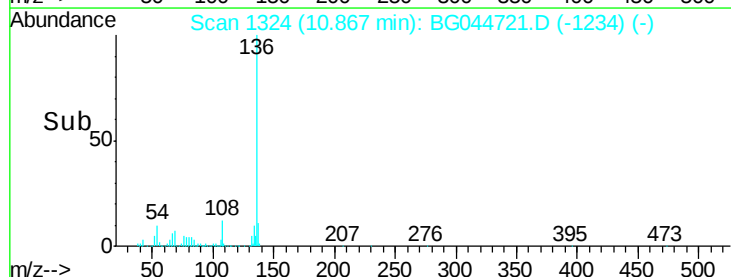
Abundance

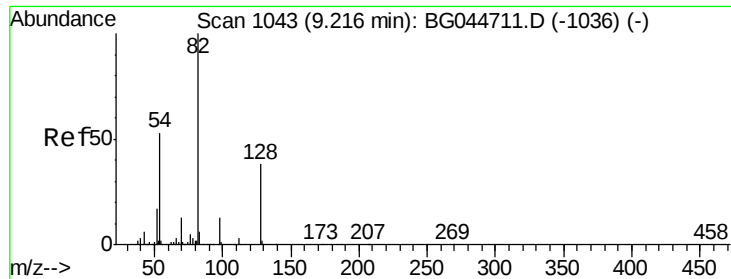
Ion 136.00 (135.70 to 136.70): BGC

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

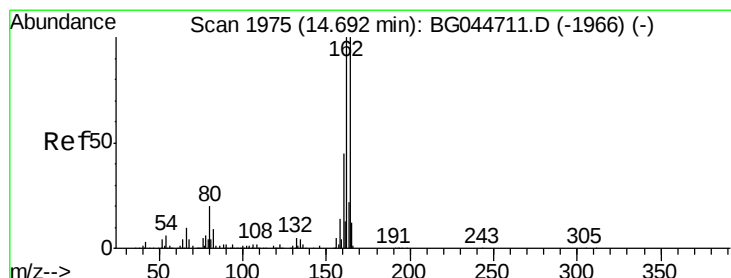
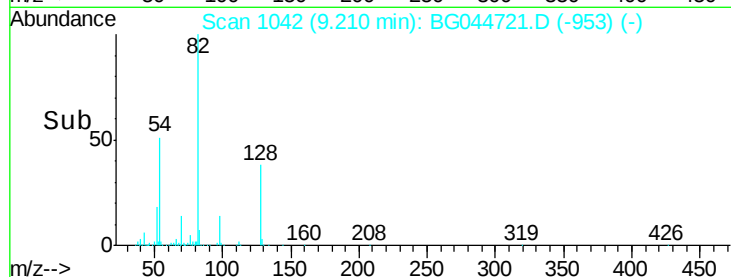
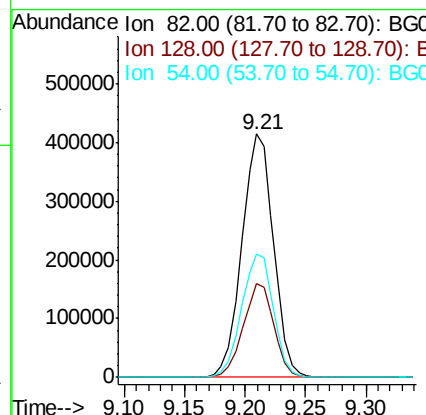
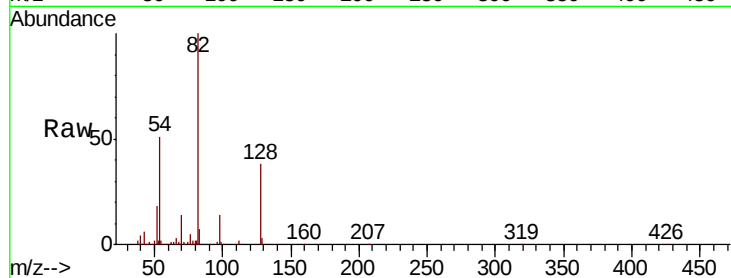




#23
 Nitrobenzene-d5
 Concen: 69.688 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044721.D
 Acq: 11 Mar 2020 15:30

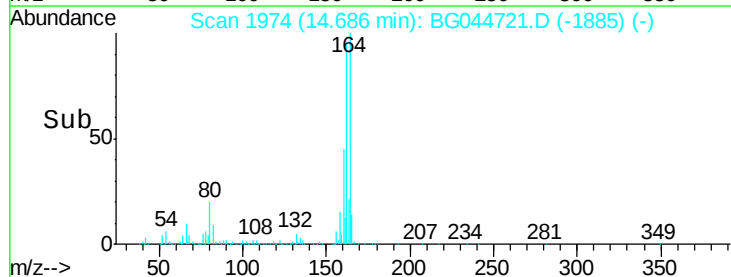
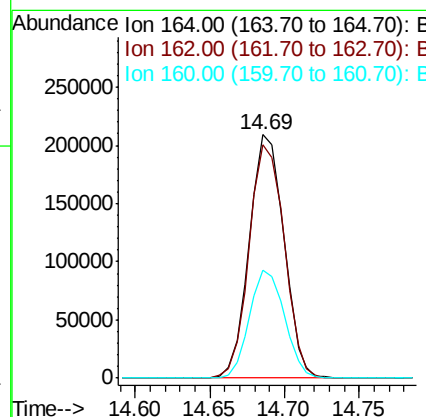
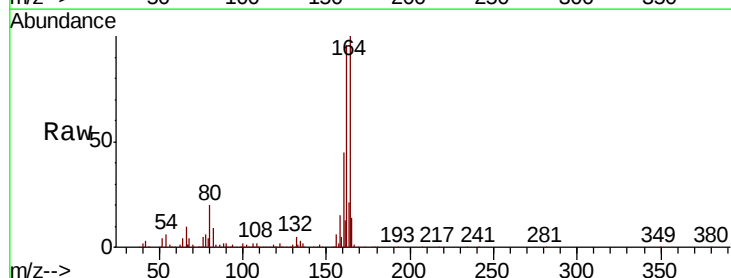
Instrument :
 BNA_G
 ClientSampleId :
 PB127319BL

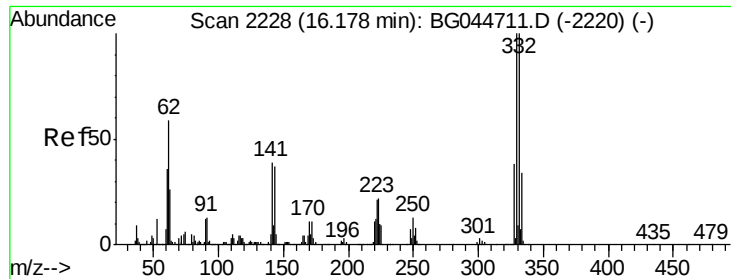
Tot Ion	82	Resp	752943
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.2	45.2
54	50.9	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG044721.D
 Acq: 11 Mar 2020 15:30

Tgt Ion	164	Resp	335245
Ion Ratio	Lower	Upper	
164	100		
162	95.8	80.2	120.4
160	44.6	36.2	54.2

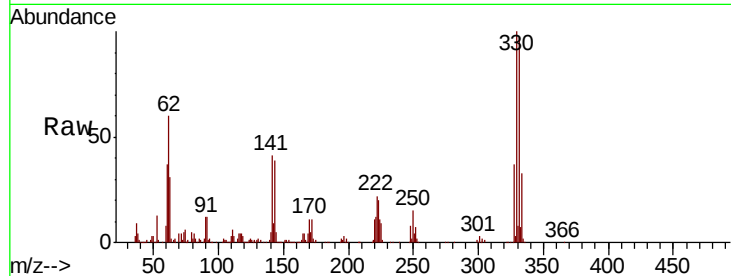




#42
 2,4,6-Tribromophenol
 Concen: 102.835 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044721.D
 Acq: 11 Mar 2020 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB127319BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.5	116.3
141	39.4	31.7	47.5

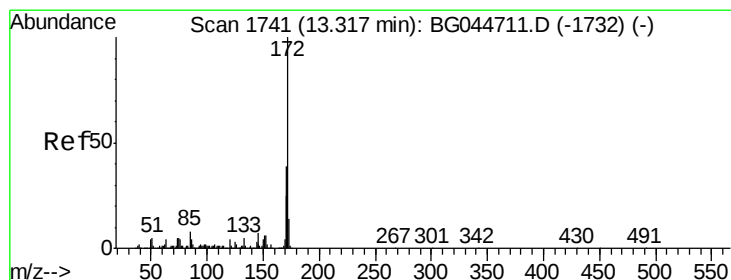
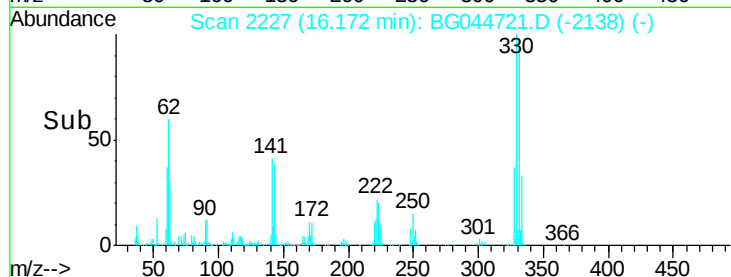
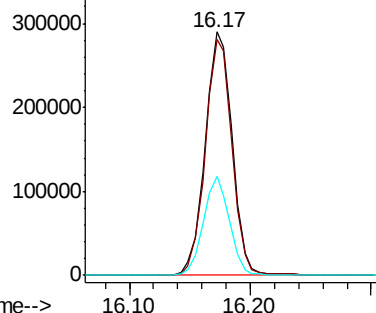


Abundance

Ion 329.80 (329.50 to 330.50): E

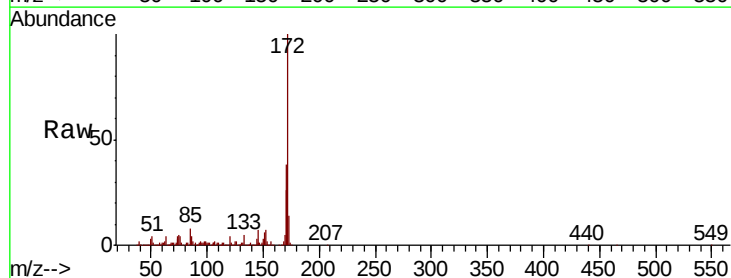
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.481 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG044721.D
 Acq: 11 Mar 2020 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.5	20.0	30.0

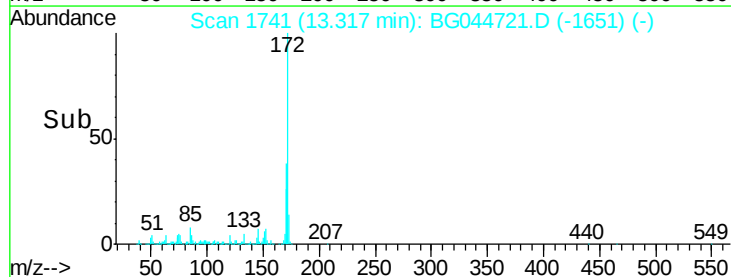
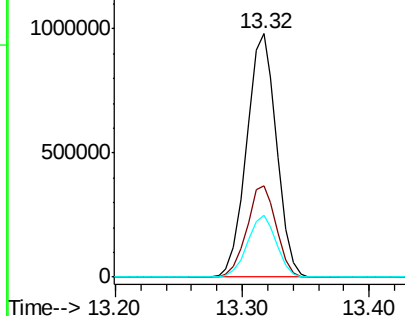


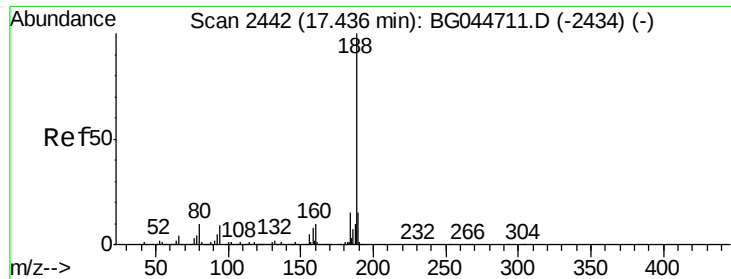
Abundance

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127319BL

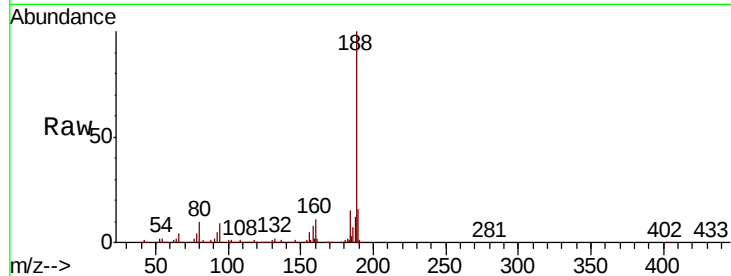
Tot Ion:188 Resp: 756842

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

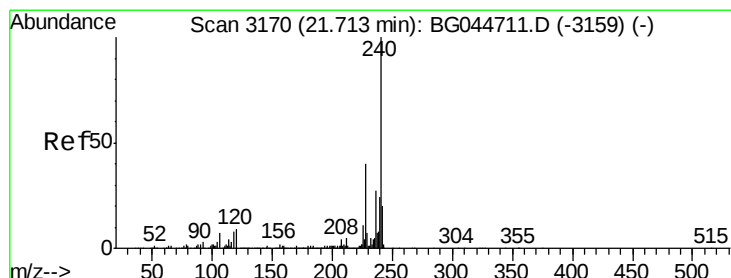
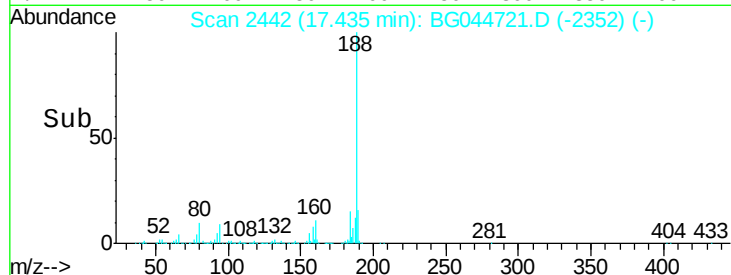
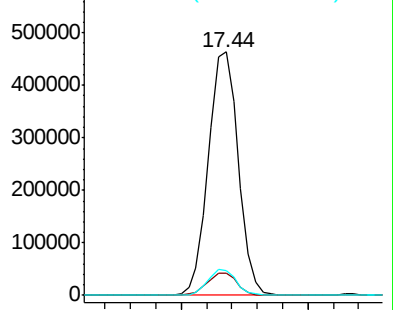
80 9.9 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

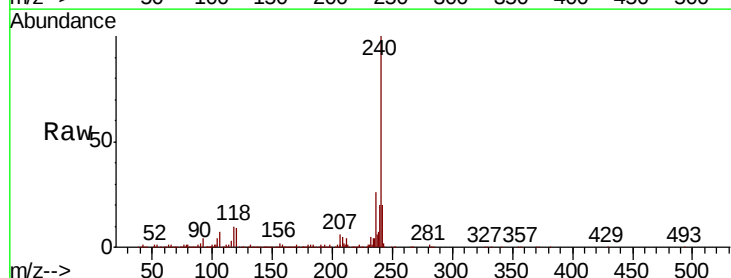
Tgt Ion:240 Resp: 699779

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

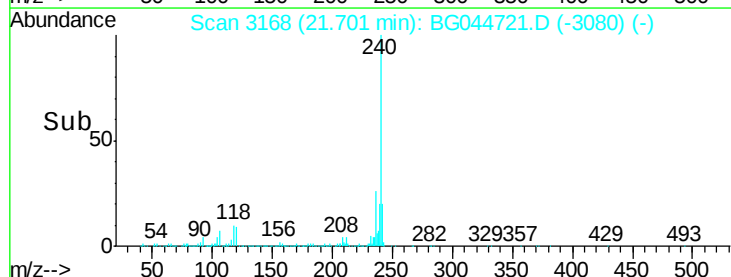
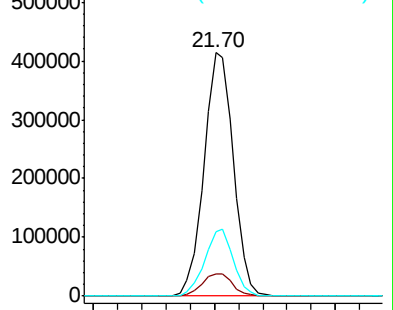
236 26.4 21.9 32.9

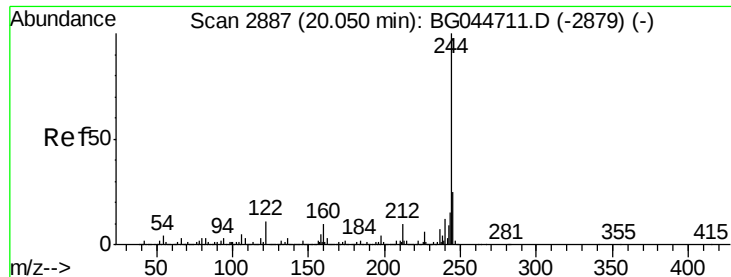


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.416 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

Instrument :

BNA_G

ClientSampleId :

PB127319BL

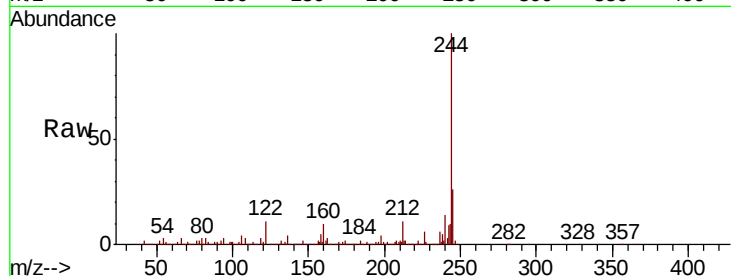
Tot Ion:244 Resp: 2522071

Ion Ratio Lower Upper

244 100

212 10.8 8.4 12.6

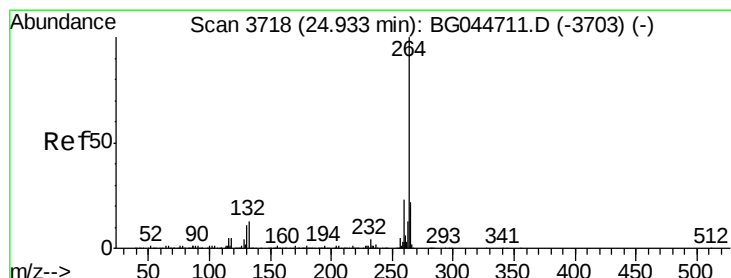
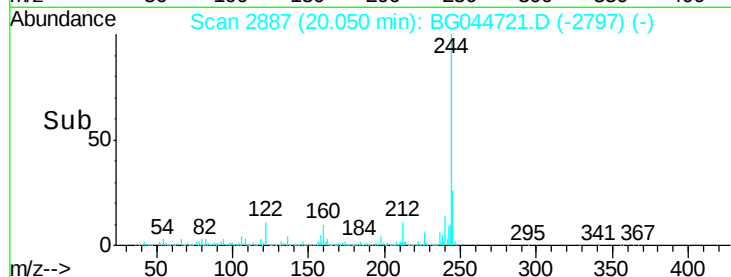
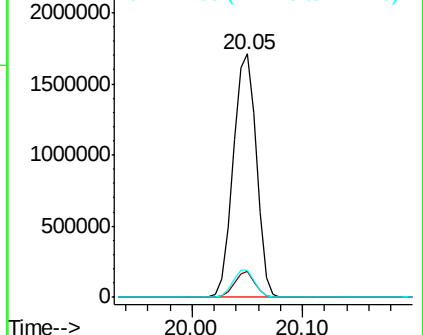
122 11.0 8.7 13.1



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# 3716

Delta R.T. -0.01 min

Lab File: BG044721.D

Acq: 11 Mar 2020 15:30

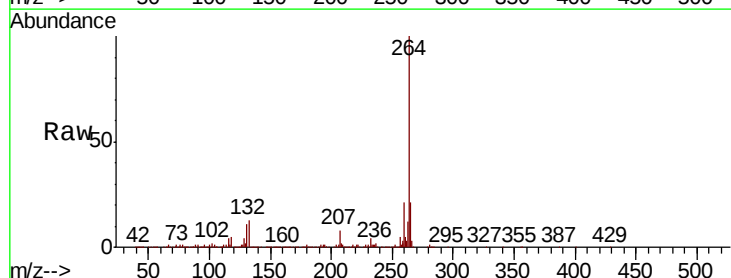
Tgt Ion:264 Resp: 774656

Ion Ratio Lower Upper

264 100

260 21.2 18.4 27.6

265 21.0 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

