

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044923.D
 Acq On : 20 Mar 2020 17:14
 Operator : CG/JU
 Sample : PB127705BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BL

Quant Time: Mar 21 02:01:04 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 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	78966	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	310081	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	208532	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	487346	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	500029	20.00	ng	-0.02
87) Perylene-d12	24.89	264	525888	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	495176	97.62	ng	0.00
7) Phenol-d6	7.20	99	668989	90.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	631586	89.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	308063	112.83	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1370074	94.09	ng	0.00
79) Terphenyl-d14	20.03	244	2453600	91.79	ng	0.00

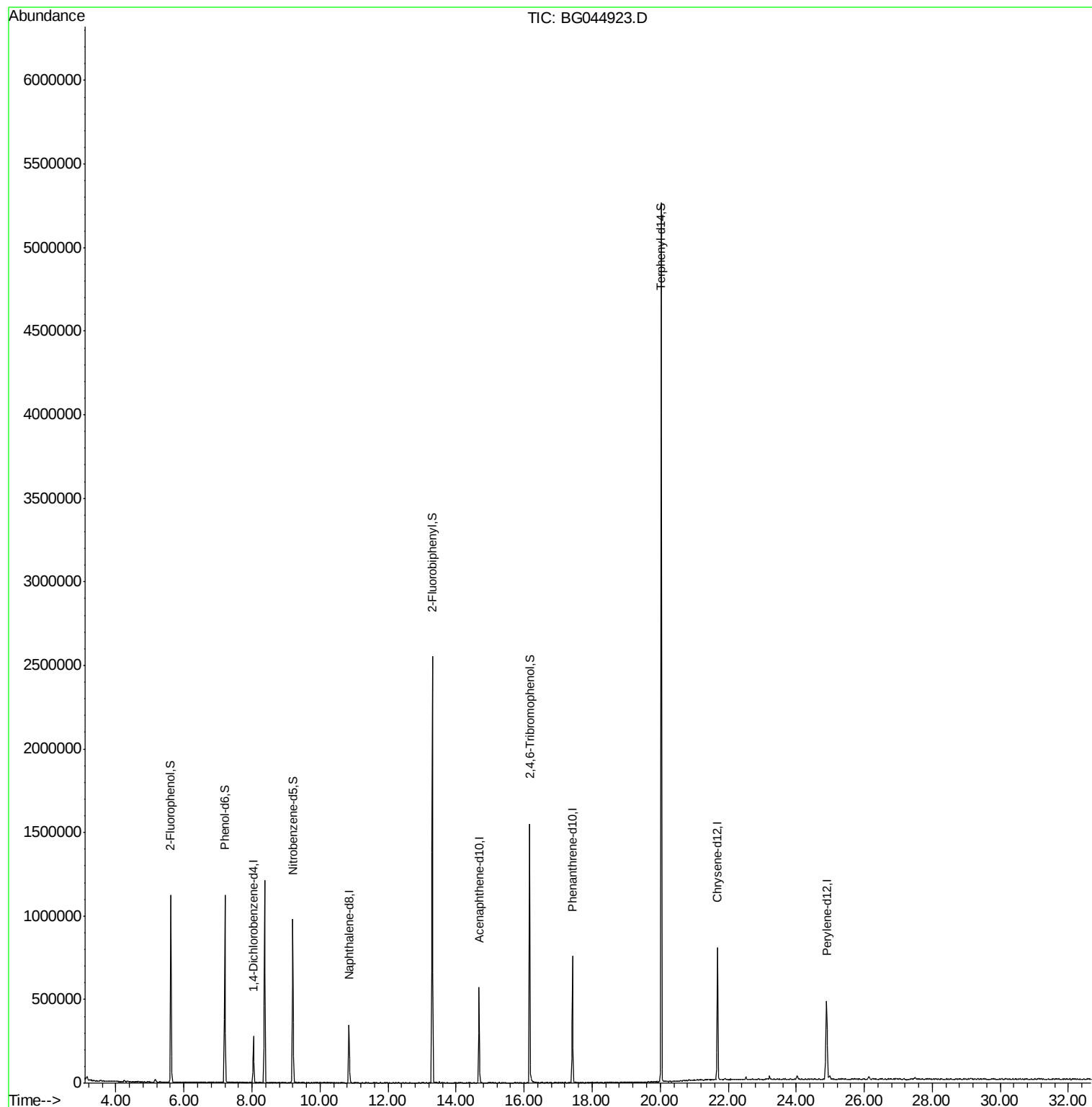
Target Compounds Qvalue

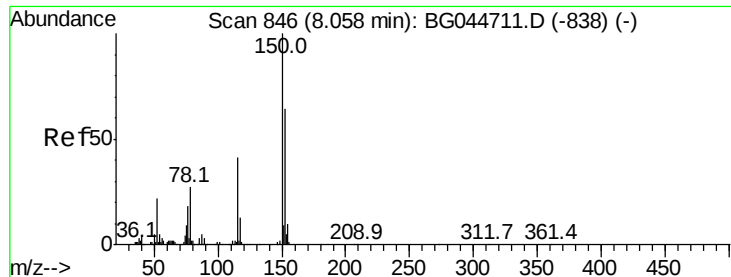
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044923.D
Acq On : 20 Mar 2020 17:14
Operator : CG/JU
Sample : PB127705BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127705BL

Quant Time: Mar 21 02:01:04 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 16 17:37:15 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

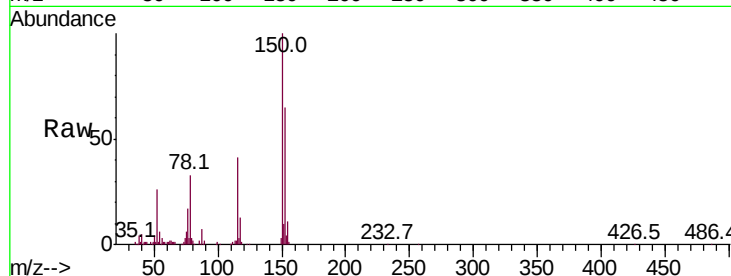
Tot Ion:152 Resp: 78966

Ion Ratio Lower Upper

152 100

150 153.6 128.8 193.2

115 63.5 52.6 79.0

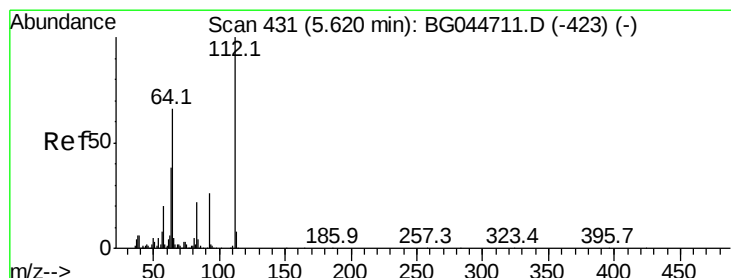
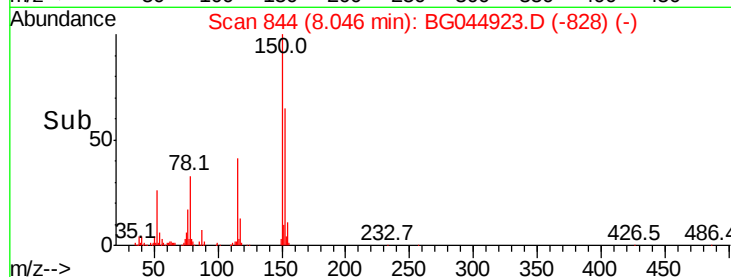
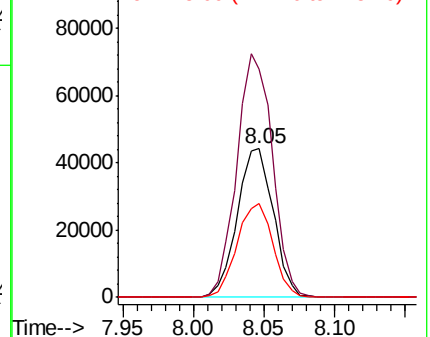


Abundance

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: 97.616 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

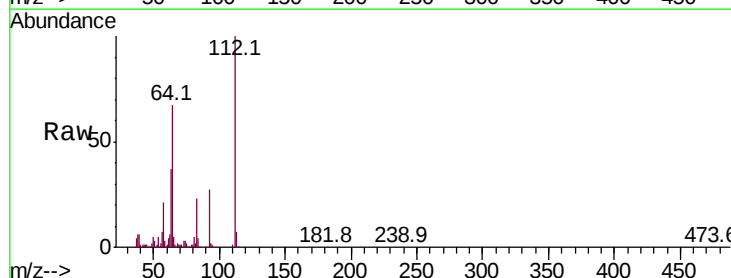
Tgt Ion:112 Resp: 495176

Ion Ratio Lower Upper

112 100

64 66.8 53.4 80.2

63 37.4 29.4 44.2

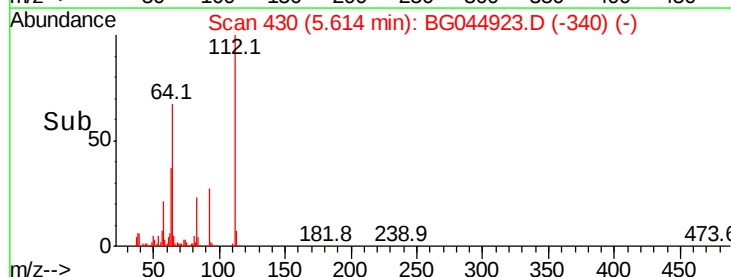
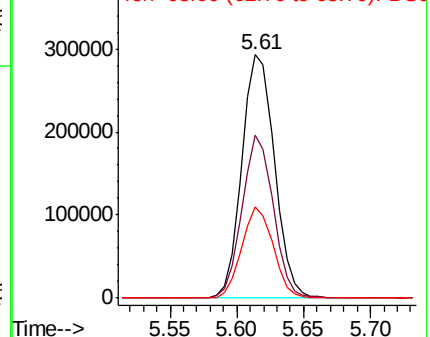


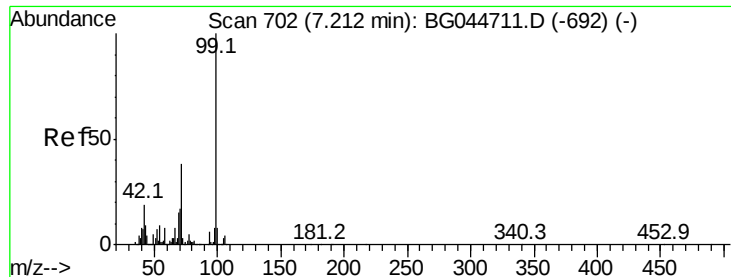
Abundance

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: 90.769 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

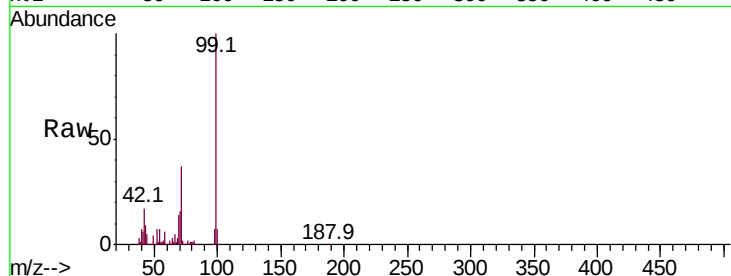
Tot Ion: 99 Resp: 668989

Ion Ratio Lower Upper

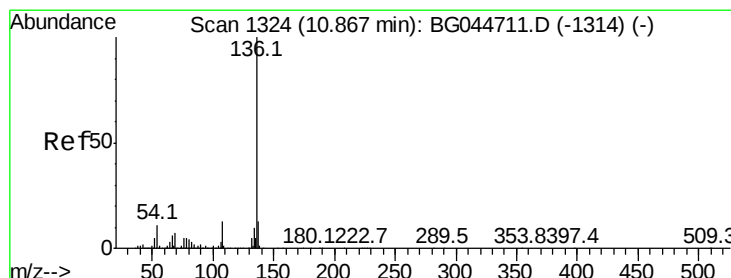
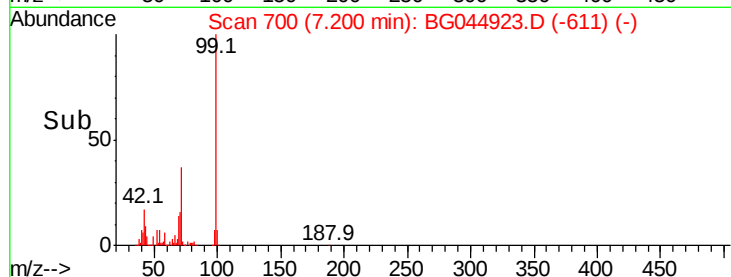
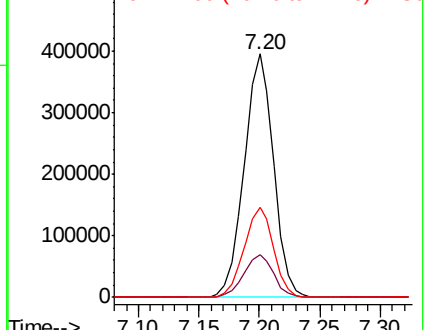
99 100

42 17.5 12.6 19.0

71 37.0 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: BG044923.D

Acq: 20 Mar 2020 17:14

Tgt Ion: 136 Resp: 310081

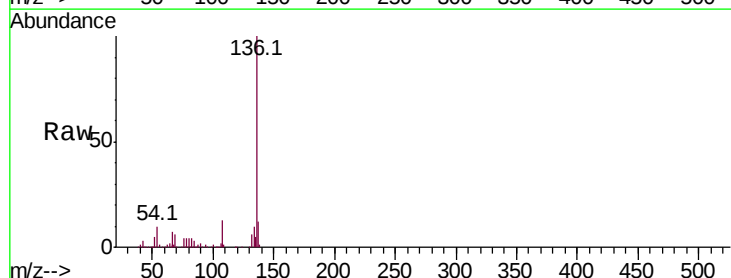
Ion Ratio Lower Upper

136 100

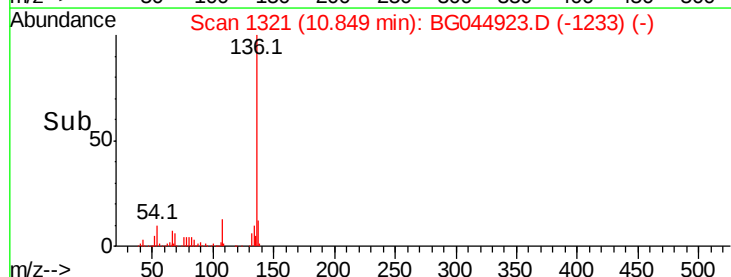
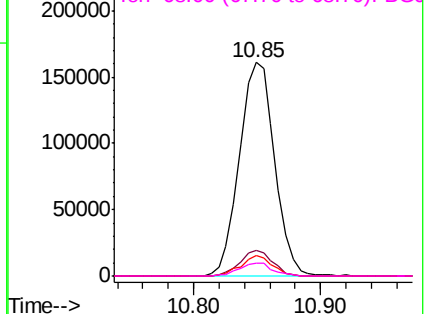
137 12.0 9.8 14.6

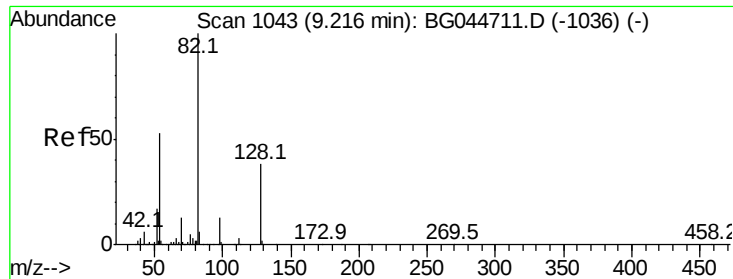
54 9.5 7.9 11.9

68 5.9 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

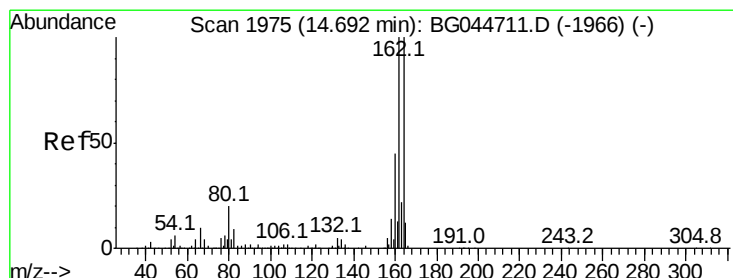
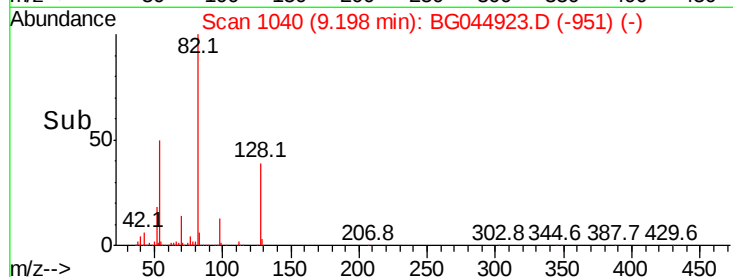
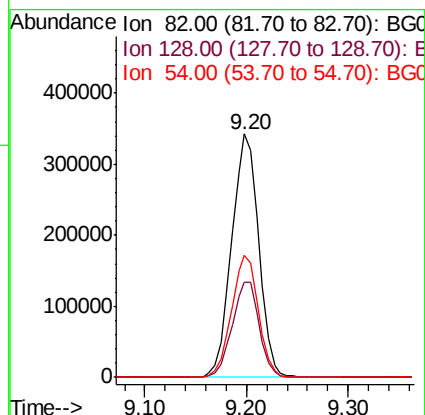
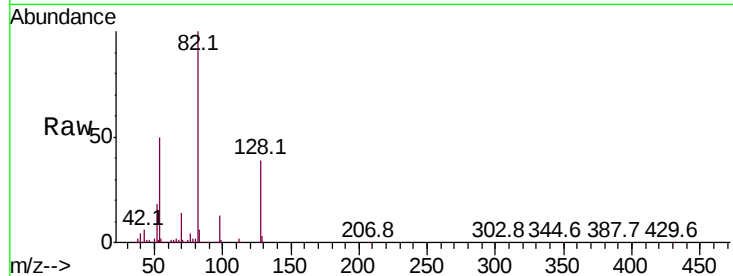




#23
Nitrobenzene-d5
Concen: 89.379 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

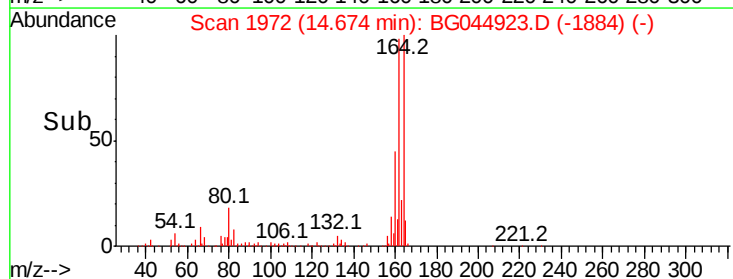
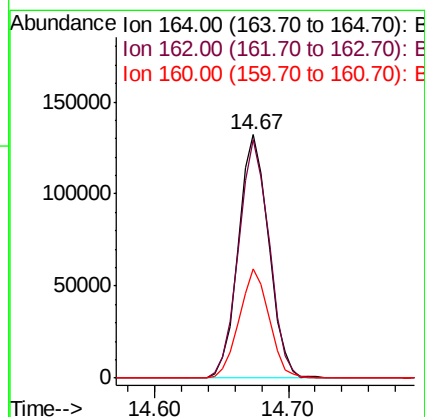
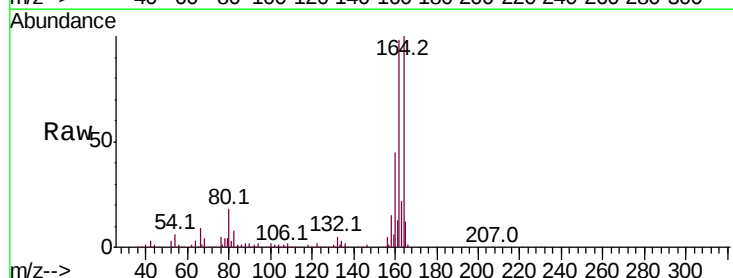
Instrument :
BNA_G
ClientSampleId :
PB127705BL

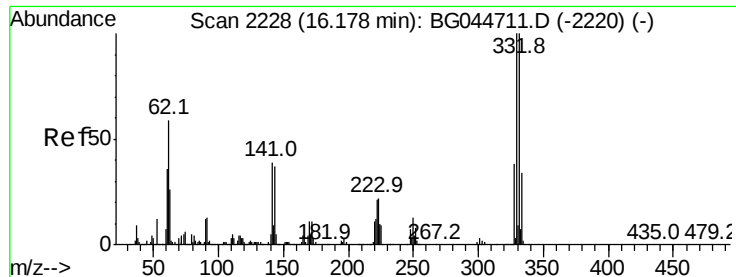
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.6	46.0
54	50.3	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	76.7	115.1
160	44.8	35.0	52.4

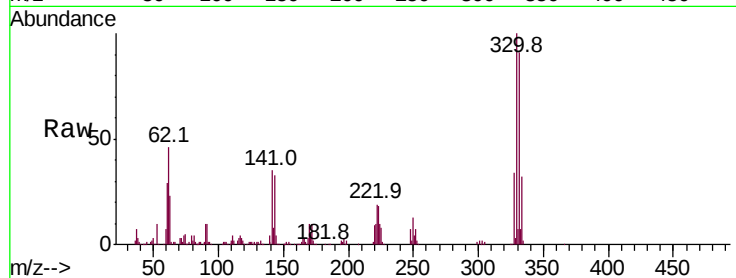




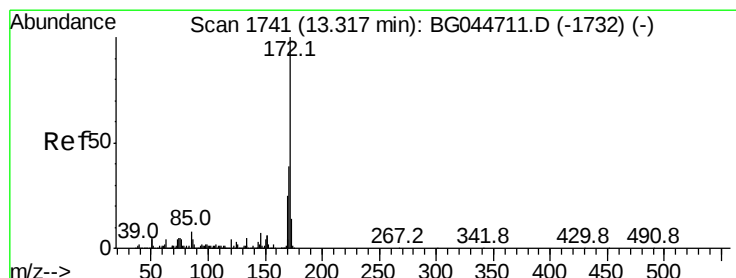
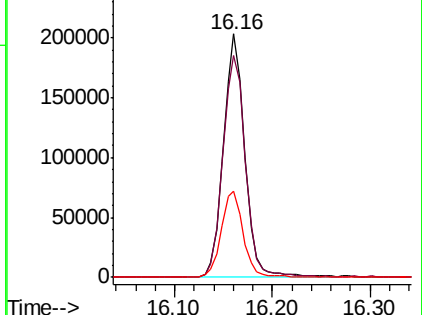
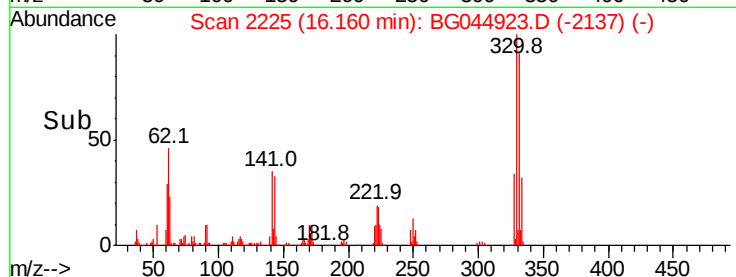
#42
 2,4,6-Tribromophenol
 Concen: 112.827 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044923.D
 Acq: 20 Mar 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	35.7	29.5	44.3

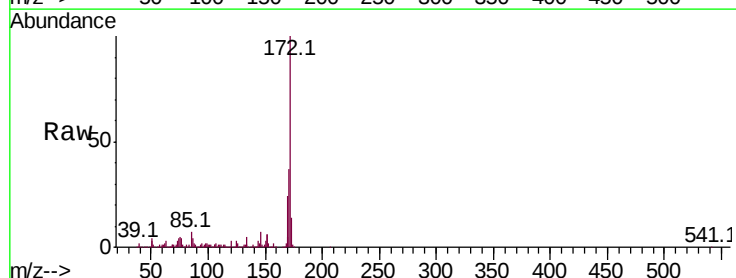


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

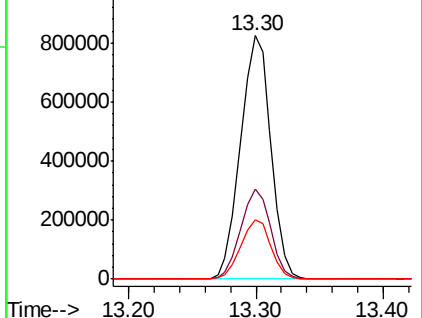
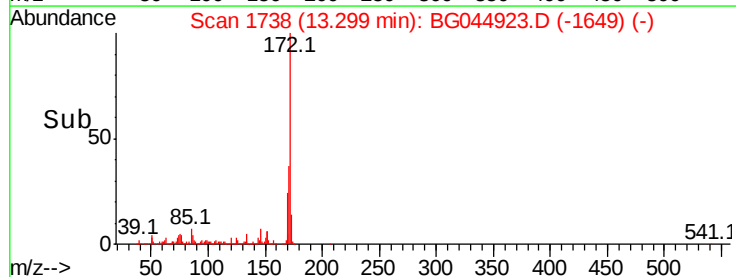


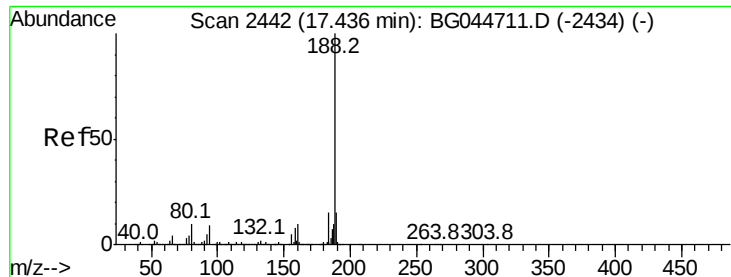
#45
 2-Fluorobiphenyl
 Concen: 94.086 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044923.D
 Acq: 20 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.4	19.0	28.6



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

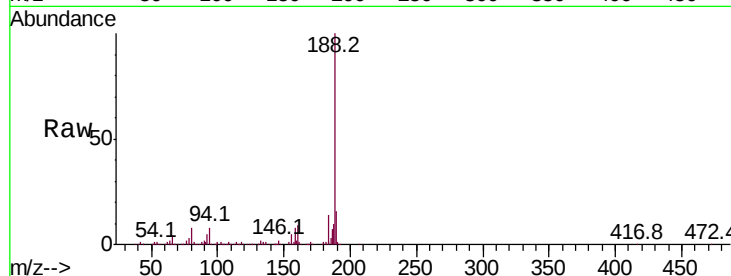
Tot Ion:188 Resp: 487346

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

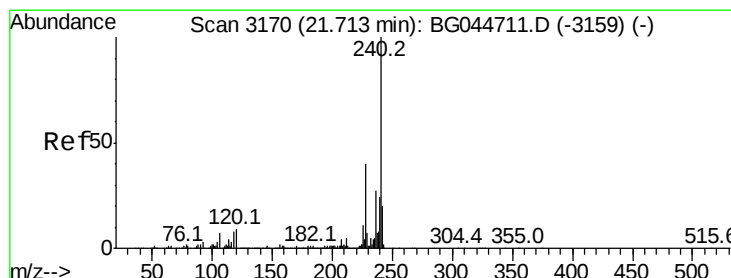
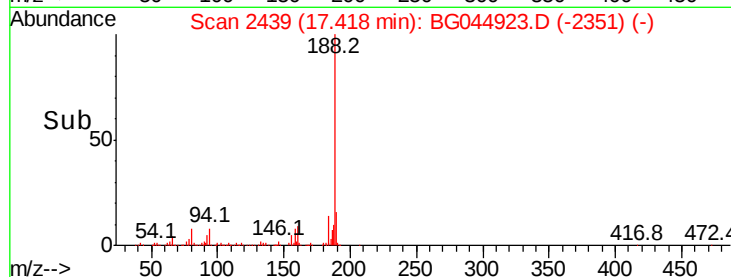
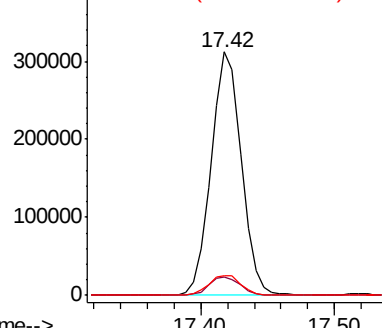
80 8.2 8.0 12.0



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: BG044923.D

Acq: 20 Mar 2020 17:14

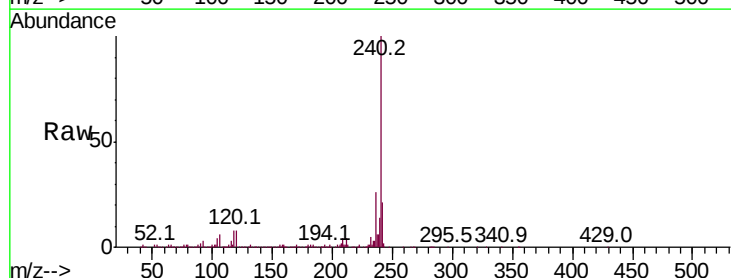
Tgt Ion:240 Resp: 500029

Ion Ratio Lower Upper

240 100

120 8.3 6.7 10.1

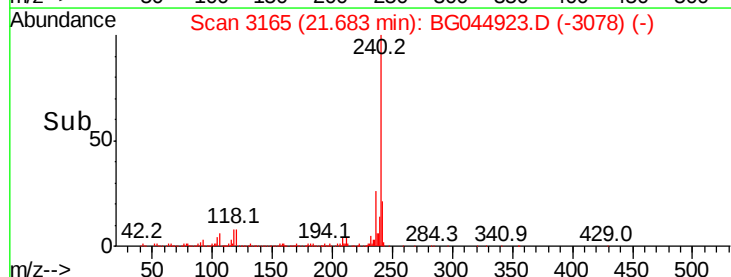
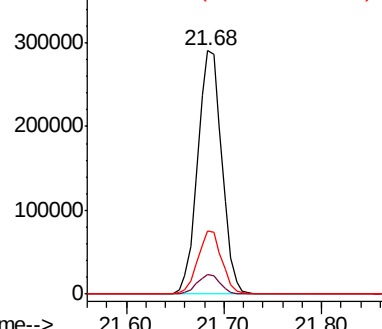
236 25.9 21.5 32.3

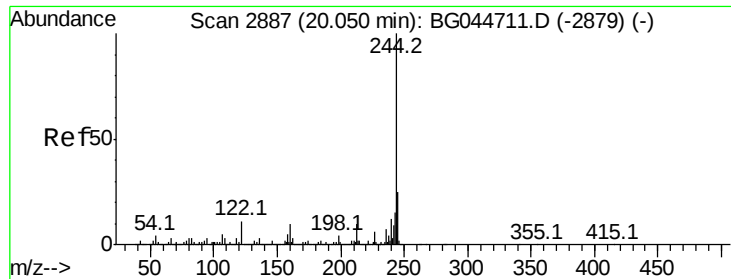


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.786 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

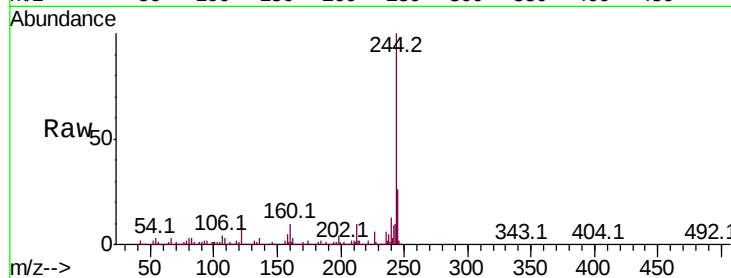
Tot Ion:244 Resp: 2453600

Ion Ratio Lower Upper

244 100

212 10.3 7.7 11.5

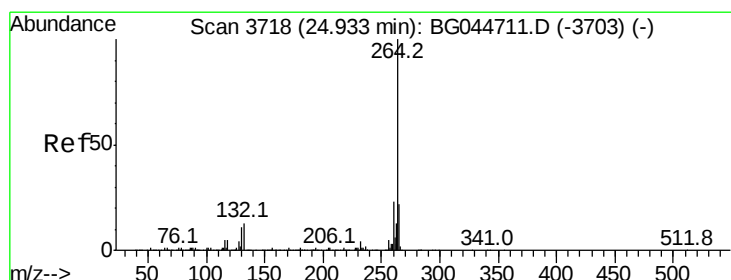
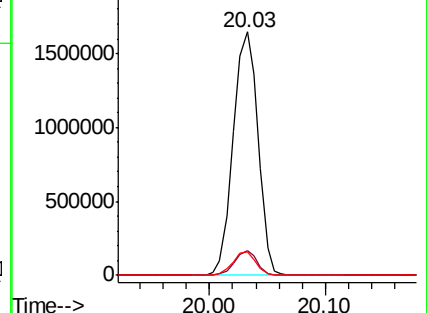
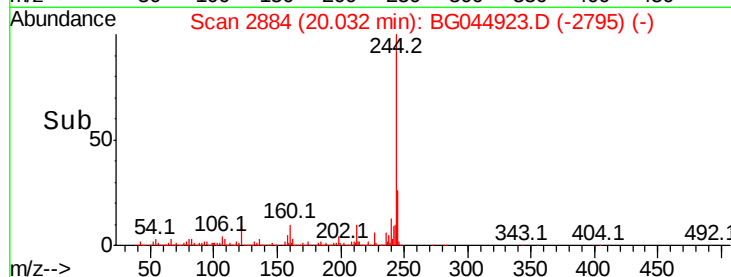
122 9.7 8.6 12.8



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: BG044923.D

Acq: 20 Mar 2020 17:14

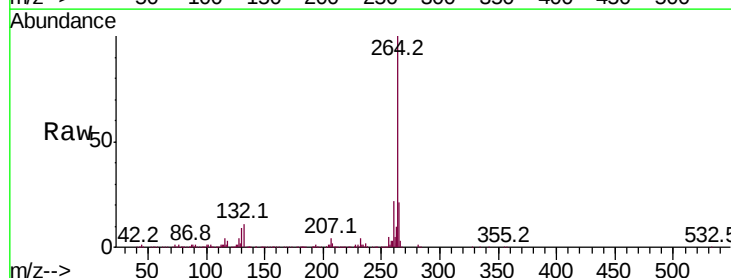
Tgt Ion:264 Resp: 525888

Ion Ratio Lower Upper

264 100

260 22.2 18.1 27.1

265 20.7 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

