

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044922.D
 Acq On : 20 Mar 2020 16:34
 Operator : CG/JU
 Sample : PB127702BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BL

Quant Time: Mar 21 01:55:56 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	70979	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	275017	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	188383	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	470038	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	517155	20.00	ng	-0.02
87) Perylene-d12	24.89	264	538889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	599993	131.59	ng	0.00
7) Phenol-d6	7.20	99	834138	125.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	545472	87.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	380598	154.30	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1181289	89.80	ng	0.00
79) Terphenyl-d14	20.03	244	2238846	80.98	ng	0.00

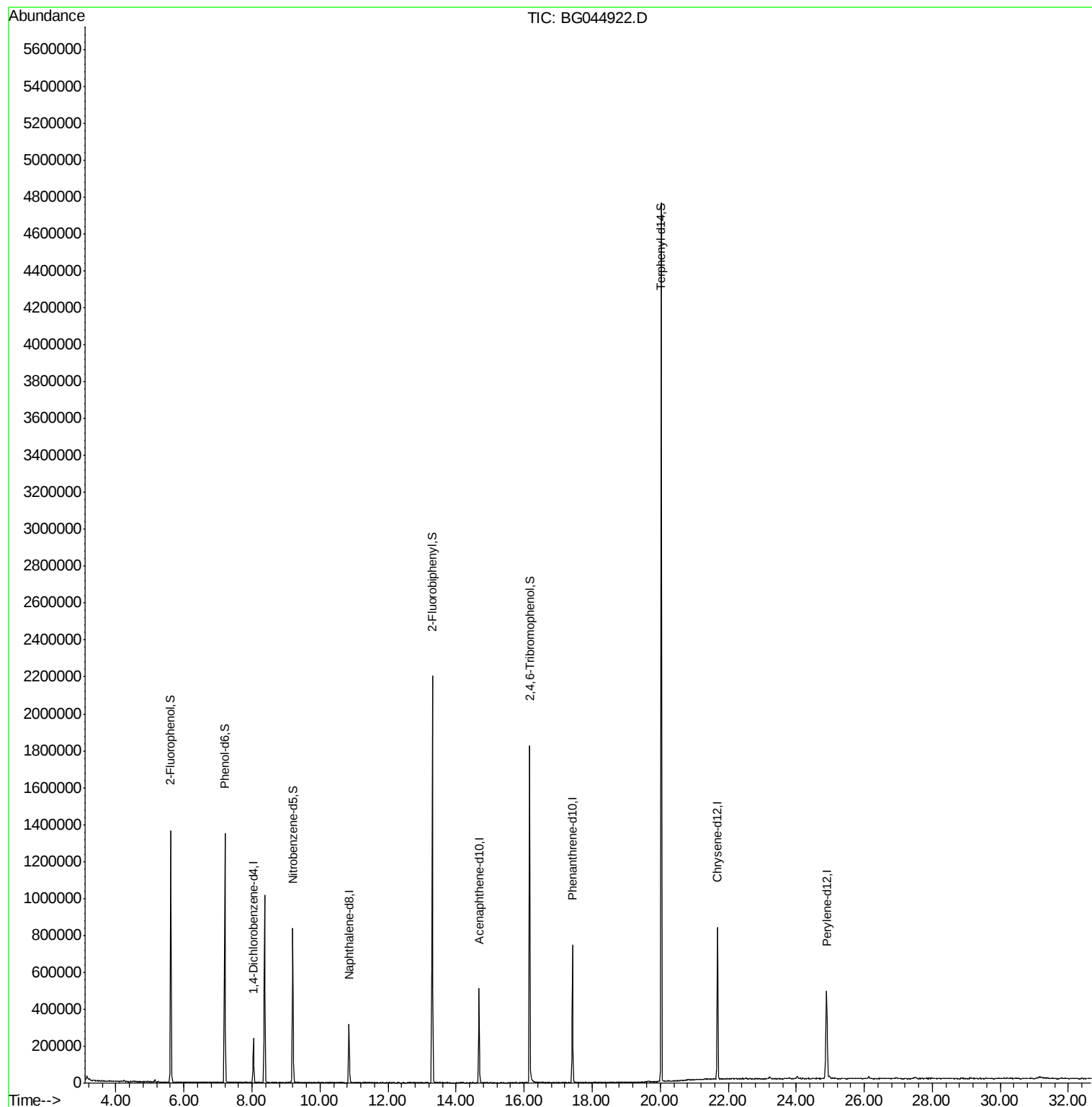
Target Compounds Qvalue

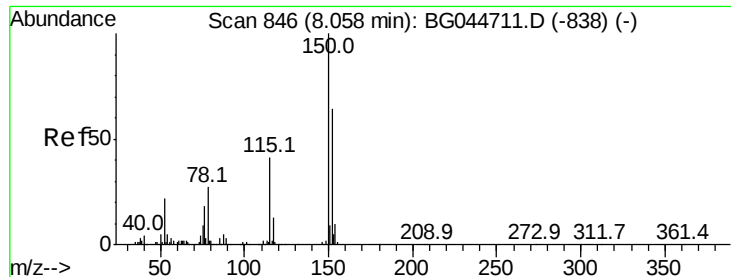
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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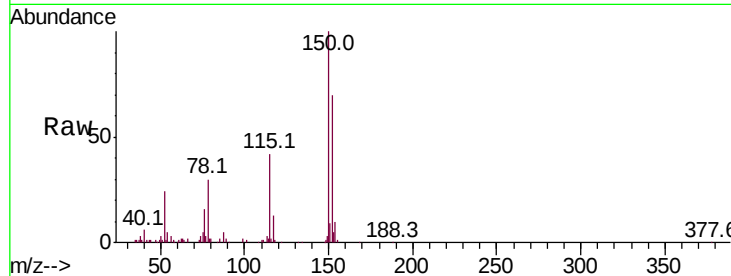


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044922.D
Acq: 20 Mar 2020 16:34

Instrument :
BNA_G
ClientSampleId :
PB127702BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	128.8	193.2
115	60.8	52.6	79.0

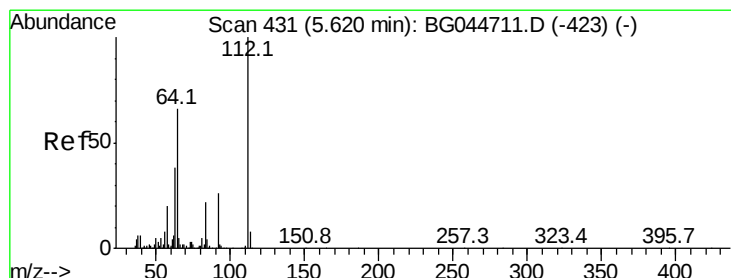
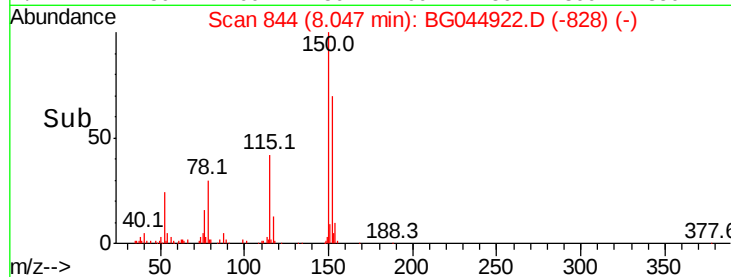
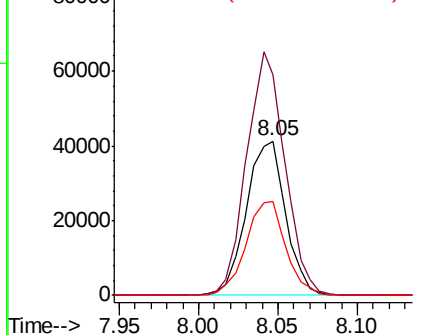


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

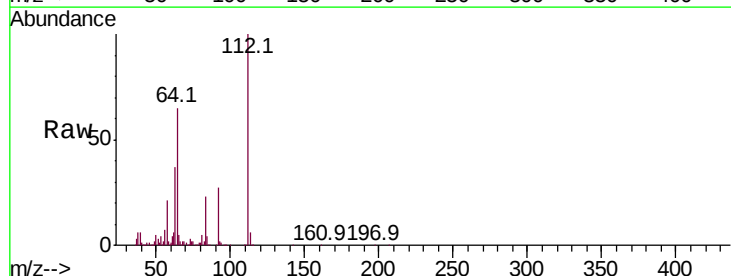
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.589 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044922.D
Acq: 20 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.4	80.2
63	36.5	29.4	44.2

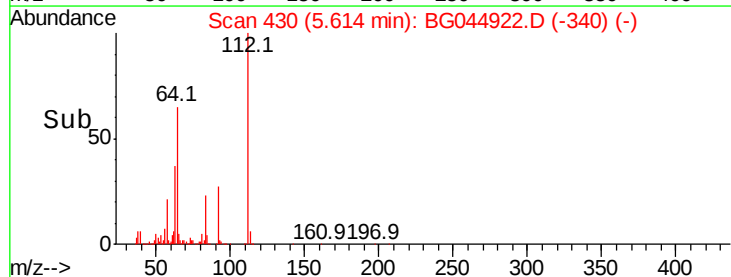
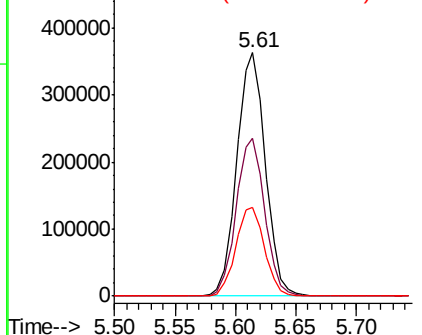


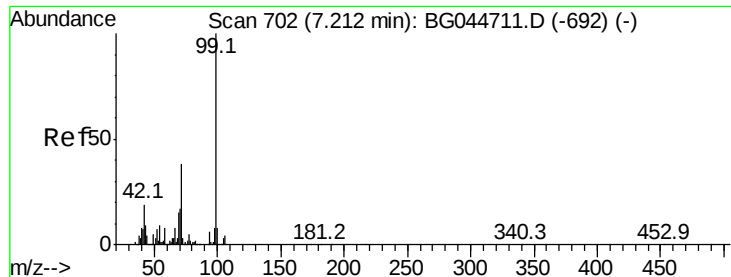
Abundance

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: 125.912 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044922.D

Acq: 20 Mar 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB127702BL

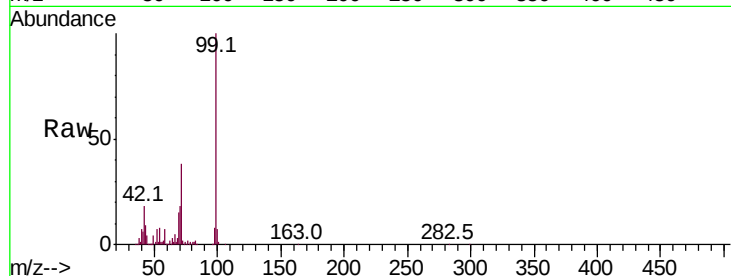
Tot Ion: 99 Resp: 834138

Ion Ratio Lower Upper

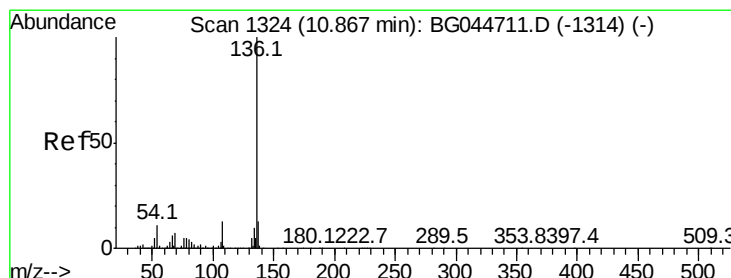
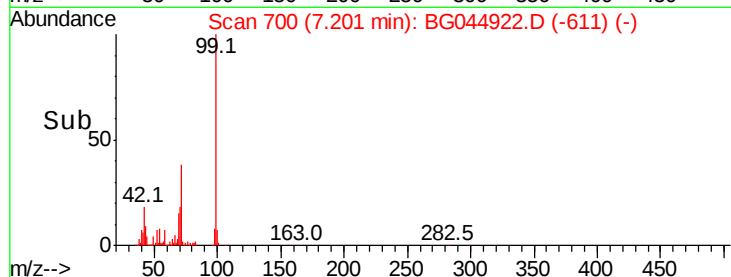
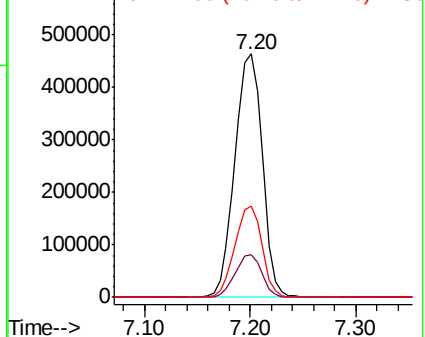
99 100

42 17.6 12.6 19.0

71 37.8 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: BG044922.D

Acq: 20 Mar 2020 16:34

Tgt Ion: 136 Resp: 275017

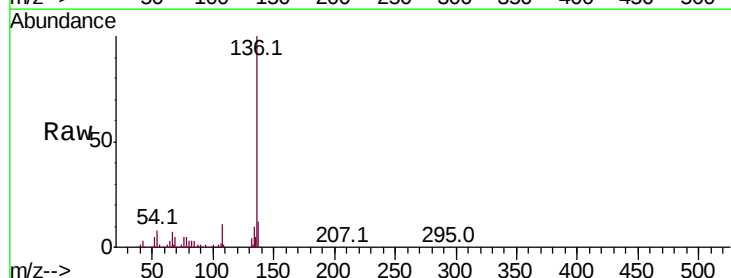
Ion Ratio Lower Upper

136 100

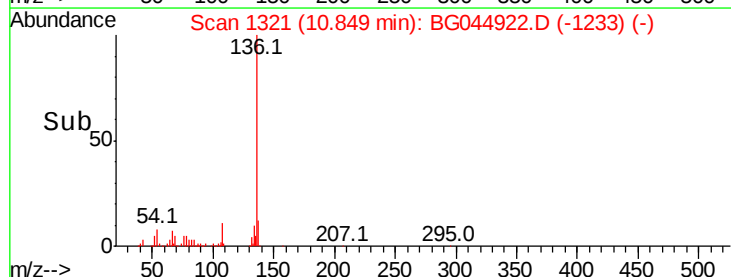
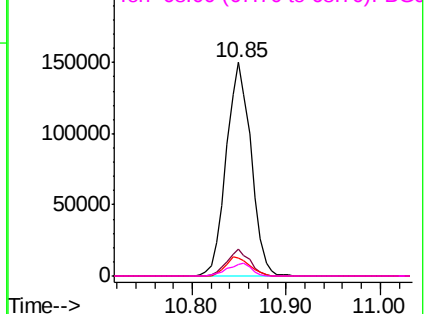
137 12.3 9.8 14.6

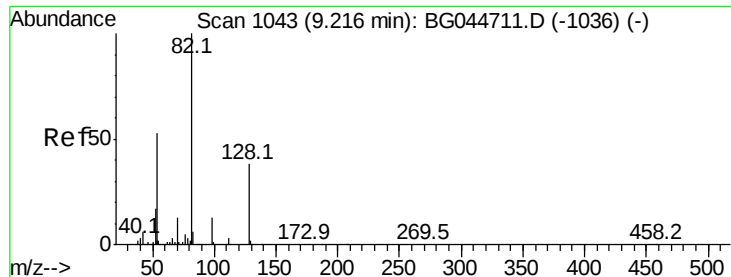
54 8.5 7.9 11.9

68 5.5 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

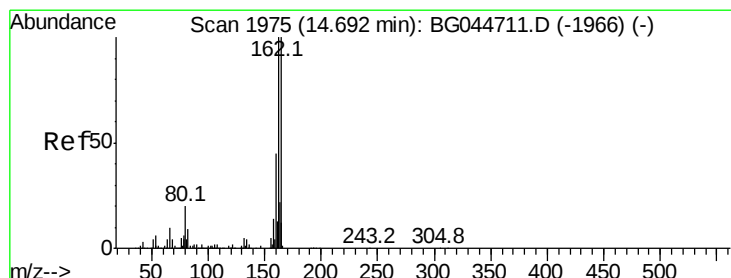
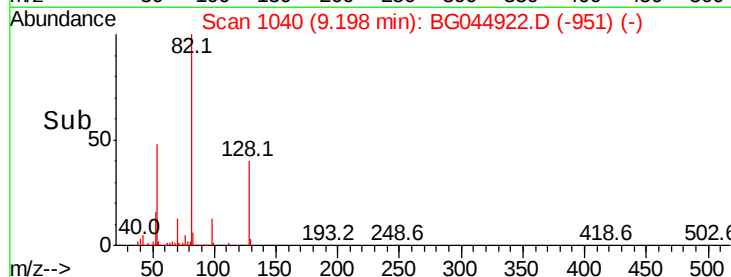
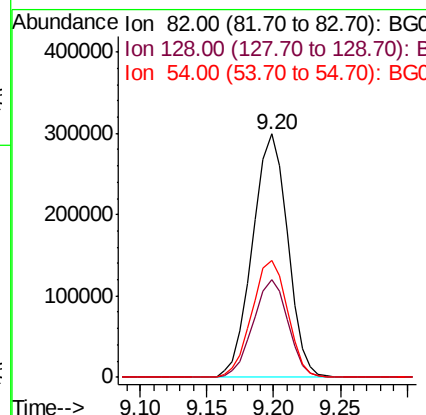
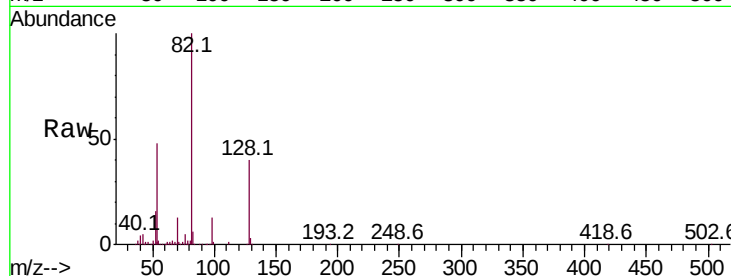




#23
 Nitrobenzene-d5
 Concen: 87.035 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG044922.D
 Acq: 20 Mar 2020 16:34

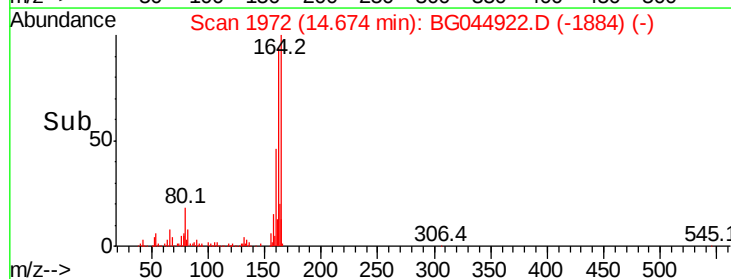
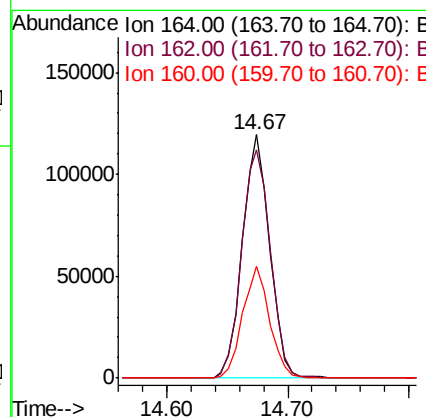
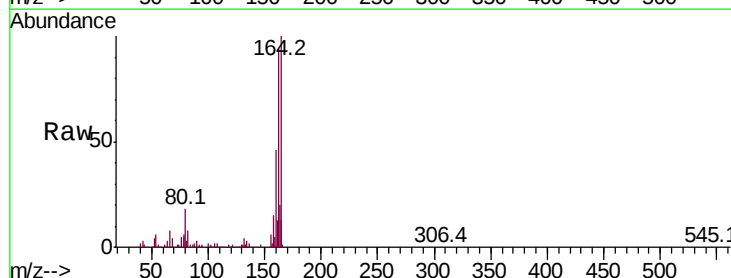
Instrument :
 BNA_G
 ClientSampleId :
 PB127702BL

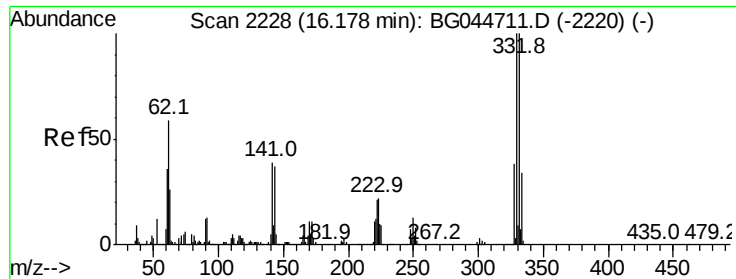
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.6	46.0
54	48.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044922.D
 Acq: 20 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.7	76.7	115.1
160	46.0	35.0	52.4

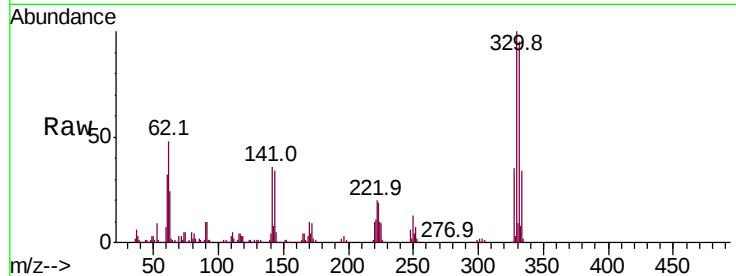




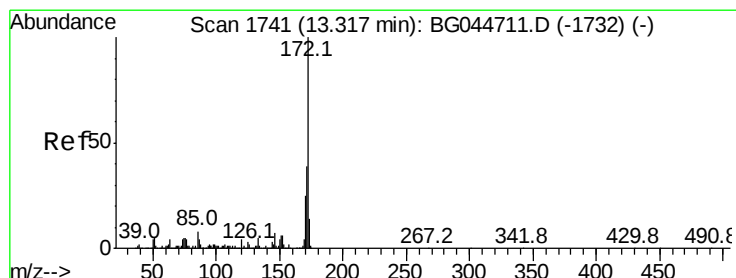
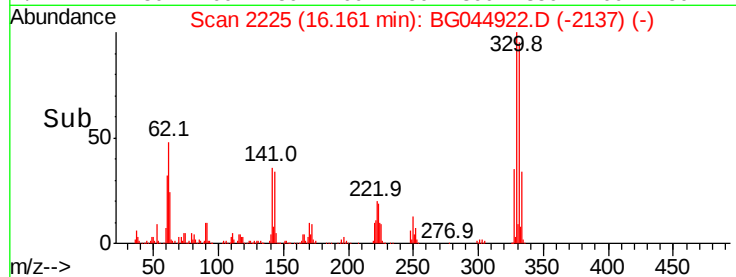
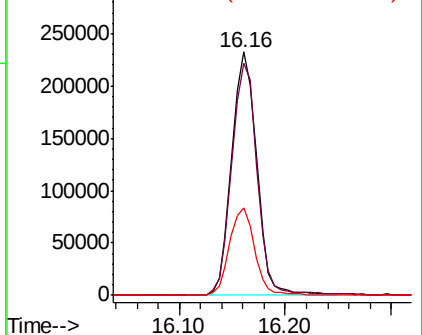
#42
 2,4,6-Tribromophenol
 Concen: 154.301 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044922.D
 Acq: 20 Mar 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BL

Tot Ion:330 Resp: 380598
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.8 116.6
 141 36.1 29.5 44.3

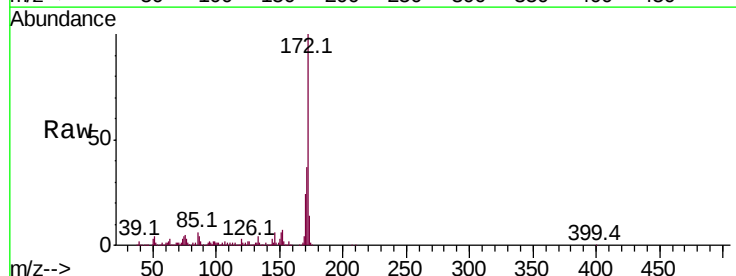


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

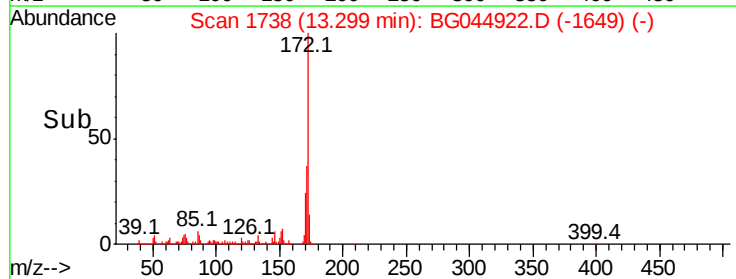
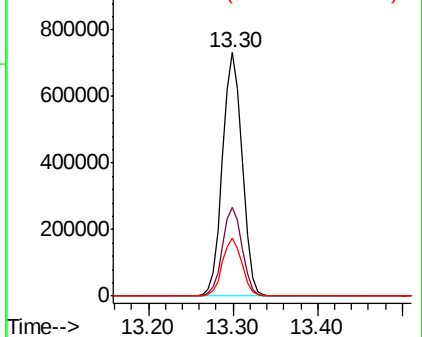


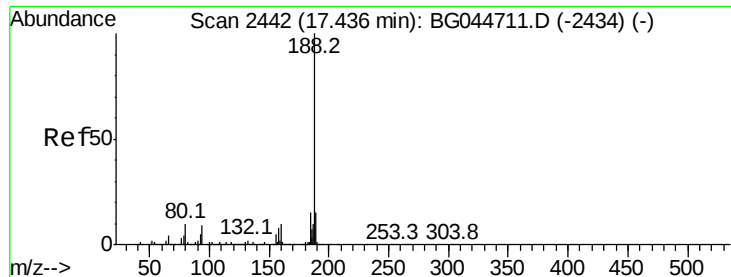
#45
 2-Fluorobiphenyl
 Concen: 89.798 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044922.D
 Acq: 20 Mar 2020 16:34

Tgt Ion:172 Resp: 1181289
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.7 43.1
 170 23.8 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: BG044922.D

Acq: 20 Mar 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB127702BL

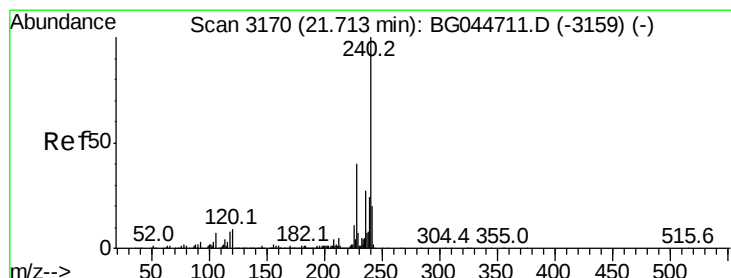
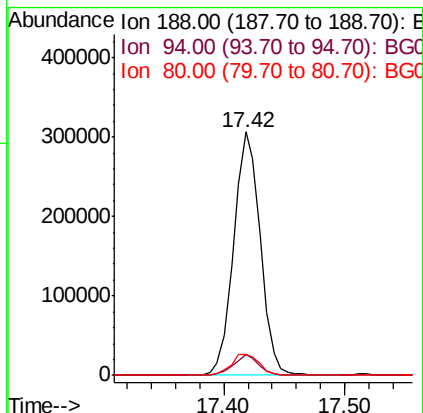
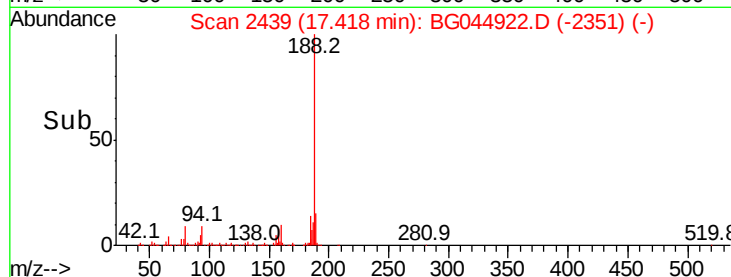
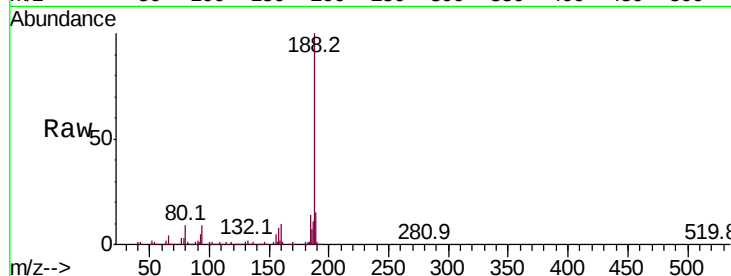
Tot Ion:188 Resp: 470038

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

80 8.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG044922.D

Acq: 20 Mar 2020 16:34

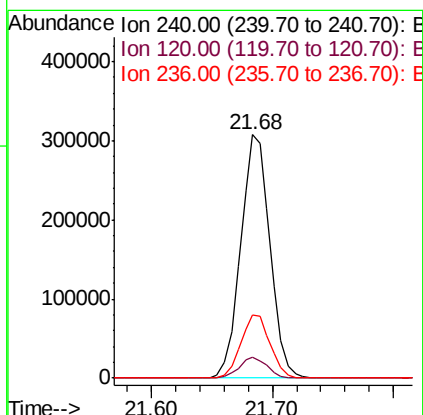
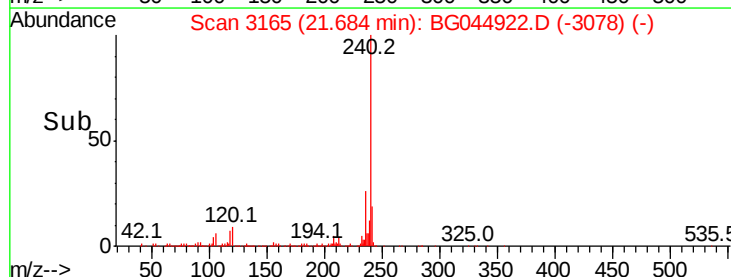
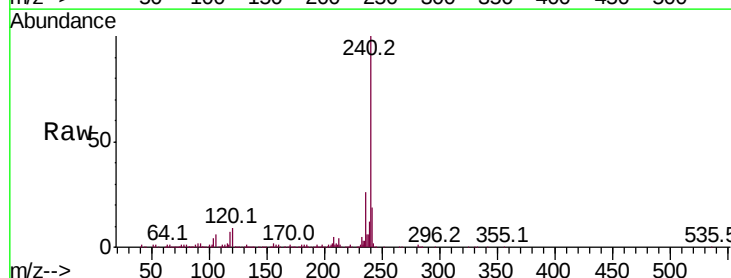
Tgt Ion:240 Resp: 517155

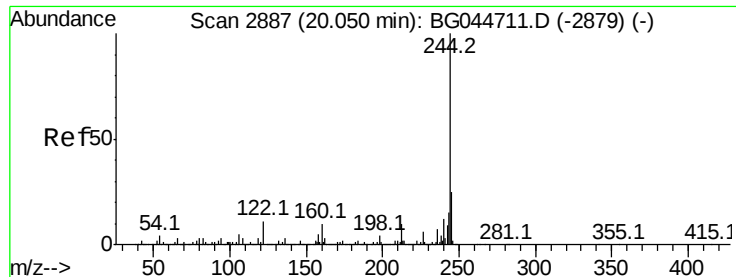
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 26.0 21.5 32.3





#79

Terphenyl-d14

Concen: 80.979 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044922.D

Acq: 20 Mar 2020 16:34

Instrument :

BNA_G

ClientSampleId :

PB127702BL

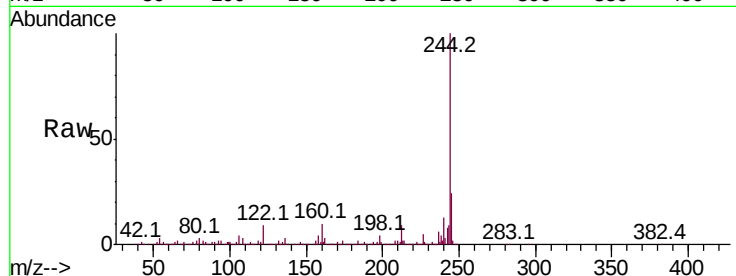
Tot Ion:244 Resp: 2238846

Ion Ratio Lower Upper

244 100

212 9.3 7.7 11.5

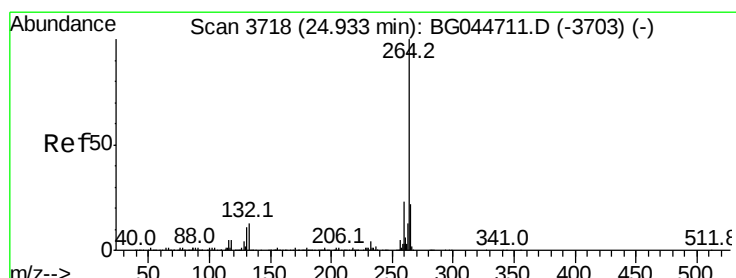
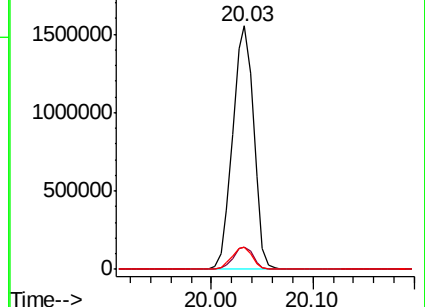
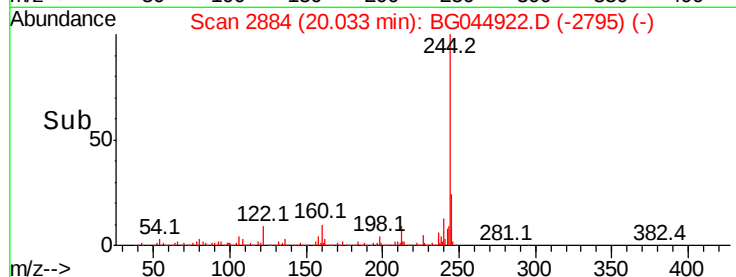
122 9.3 8.6 12.8



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: BG044922.D

Acq: 20 Mar 2020 16:34

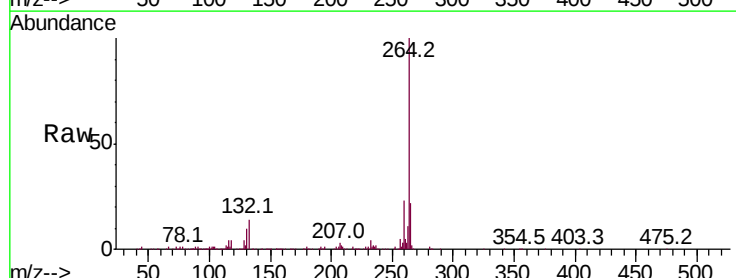
Tgt Ion:264 Resp: 538889

Ion Ratio Lower Upper

264 100

260 22.7 18.1 27.1

265 22.5 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

