

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044914.D
 Acq On : 20 Mar 2020 2:12
 Operator : CG/JU
 Sample : L1943-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A

Quant Time: Mar 20 03:01:37 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	8.04	152	79948	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	310367	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	209064	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	482281	20.00	ng	0.00
76) Chrysene-d12	21.69	240	486774	20.00	ng	-0.01
87) Perylene-d12	24.89	264	516598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	628718	122.42	ng	0.00
7) Phenol-d6	7.20	99	774969	103.86	ng	0.00
23) Nitrobenzene-d5	9.20	82	646935	91.47	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	422377	154.30	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1349890	92.46	ng	0.00
79) Terphenyl-d14	20.03	244	2226756	85.57	ng	0.00

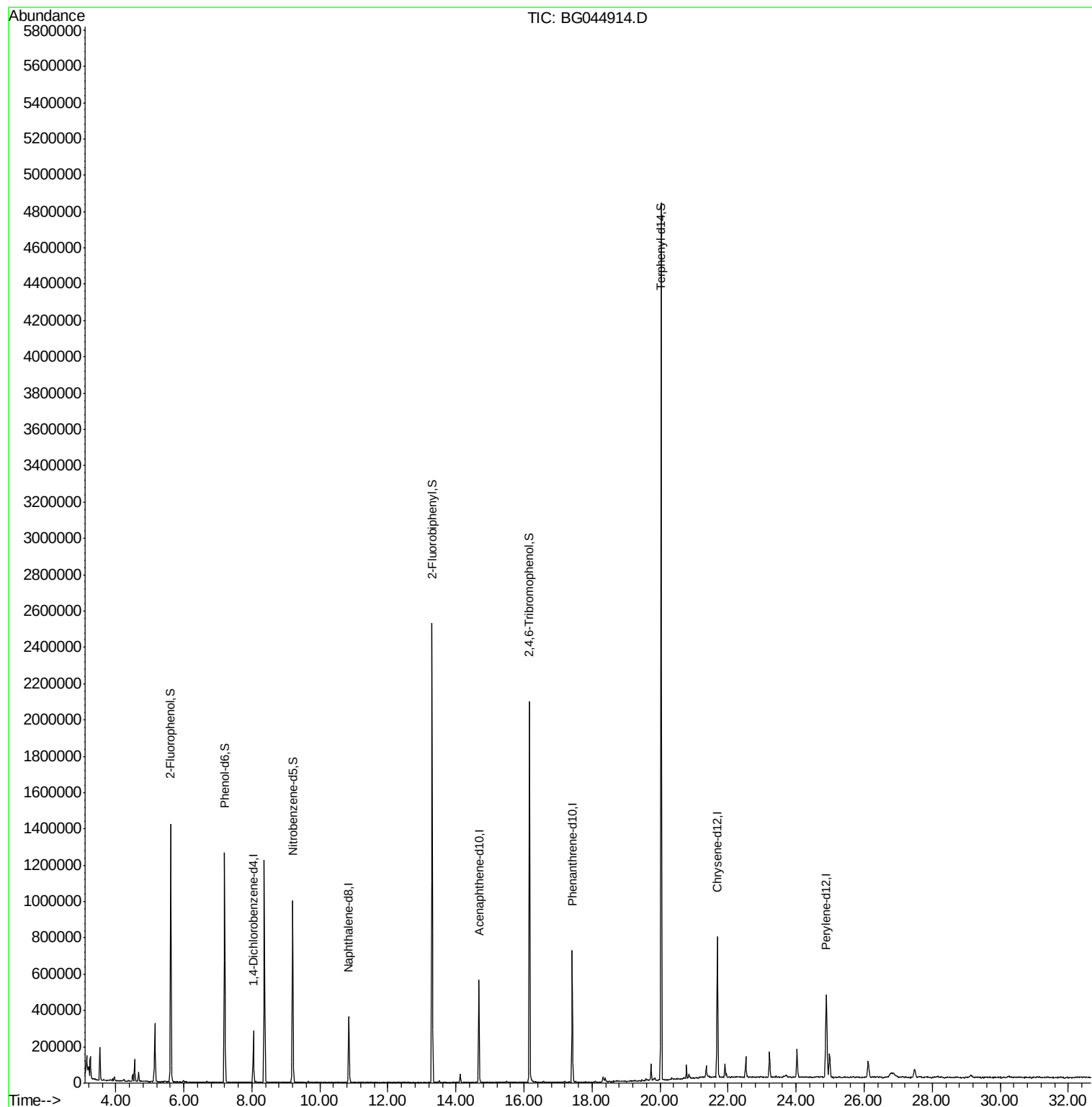
Target Compounds Qvalue

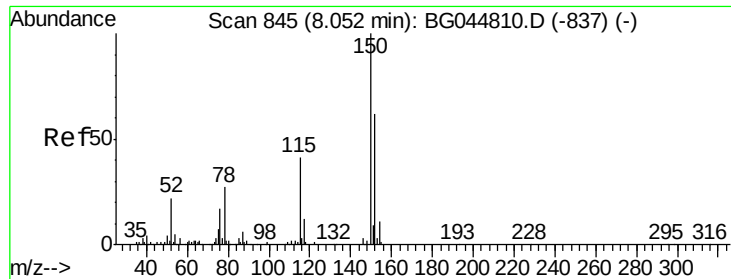
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 03:01:37 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



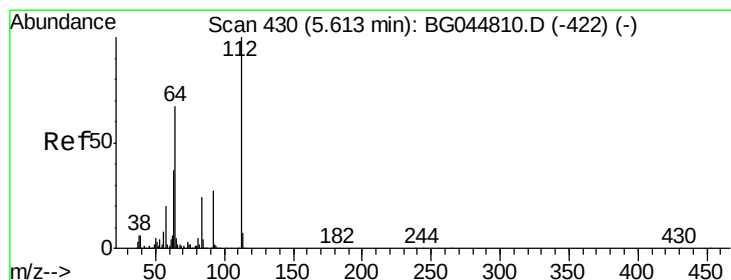
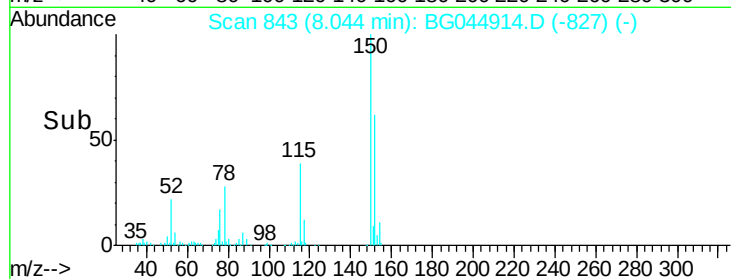
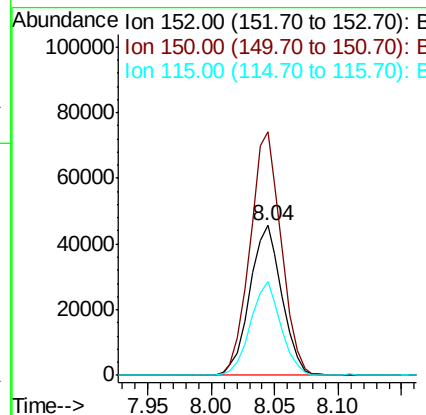
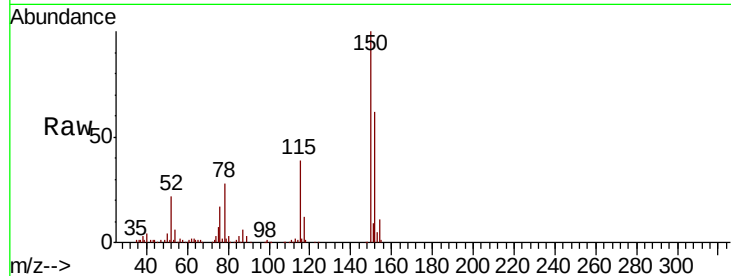


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampled :
TP-8A

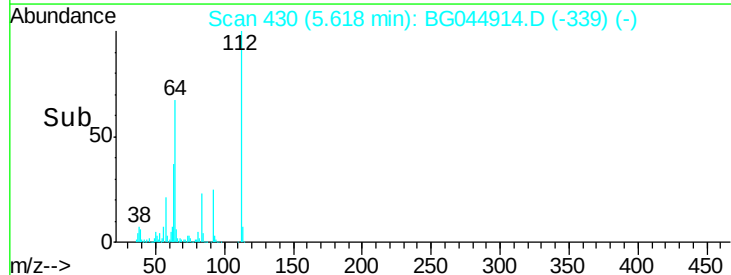
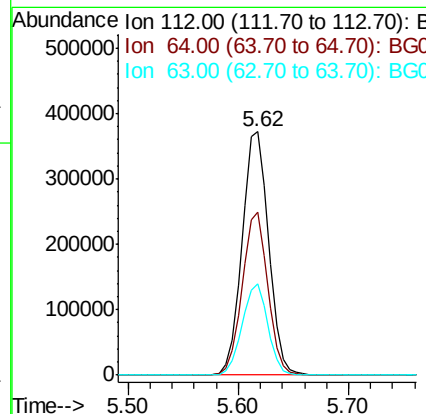
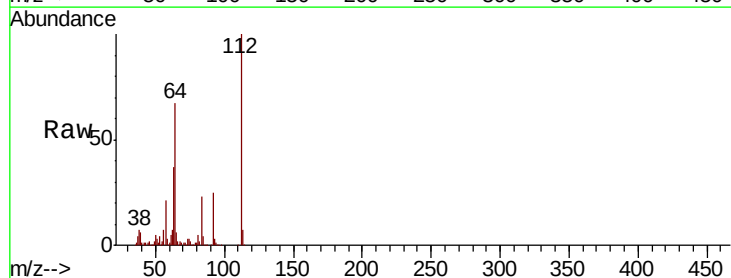
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.8	193.2
115	62.6	52.6	79.0

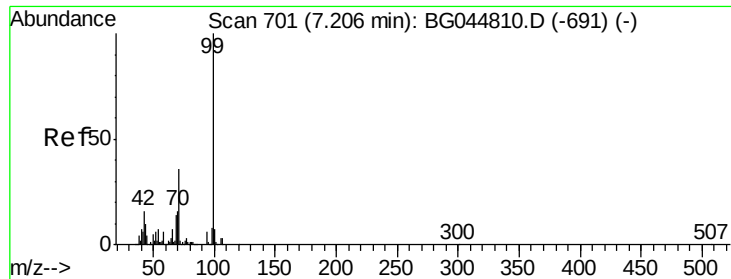


#5

2-Fluorophenol
Concen: 122.420 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.4	80.2
63	37.3	29.4	44.2





#7

Phenol-d6

Concen: 103.857 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044914.D

Acq: 20 Mar 2020 2:12

Instrument :

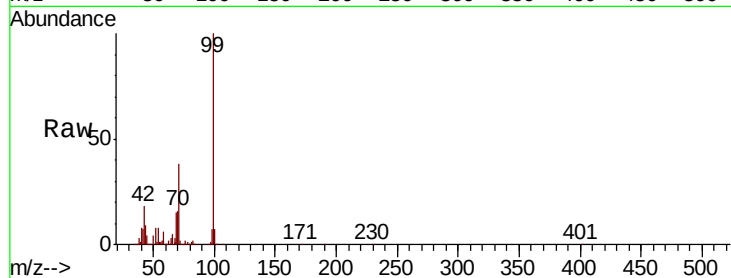
BNA_G

ClientSampleId :

TP-8A

Tot Ion: 99 Resp: 774969

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.6	19.0
71	37.7	29.0	43.4

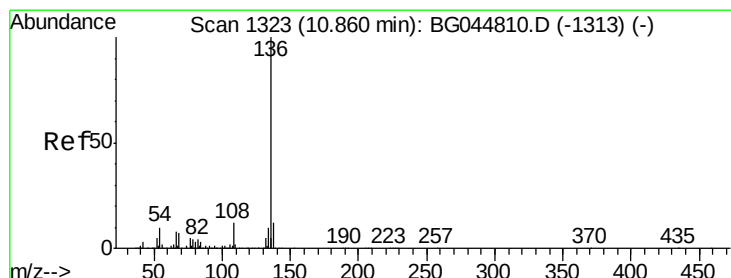
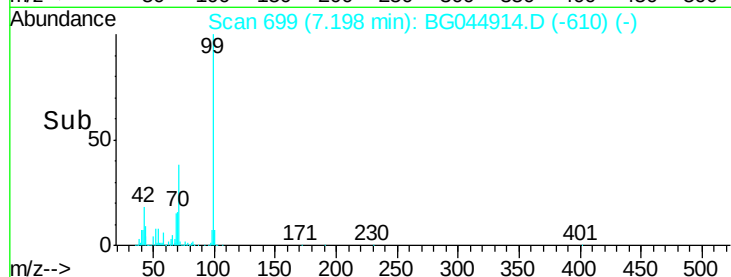
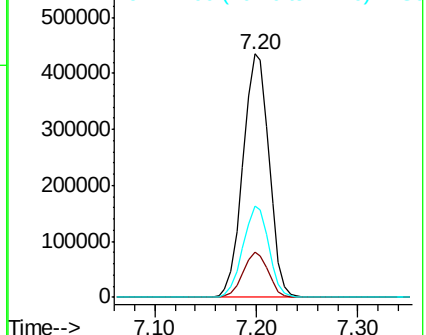


Abundance

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# 1320

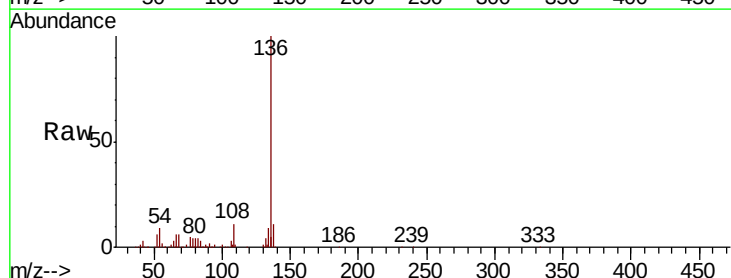
Delta R.T. -0.01 min

Lab File: BG044914.D

Acq: 20 Mar 2020 2:12

Tgt Ion: 136 Resp: 310367

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	8.5	7.9	11.9
68	5.7	5.4	8.0



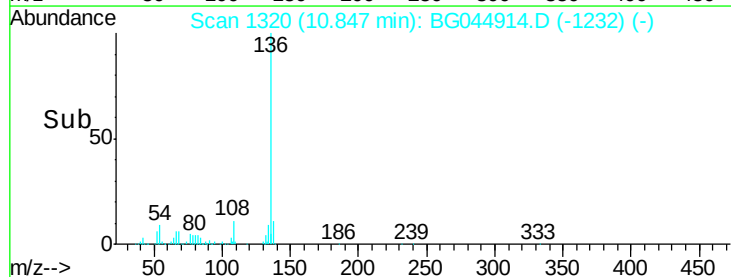
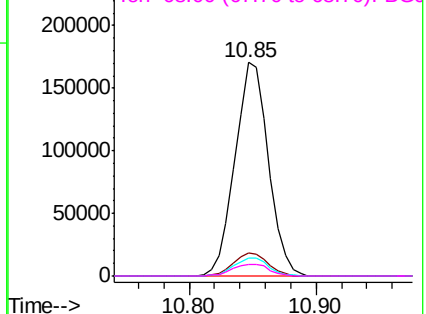
Abundance

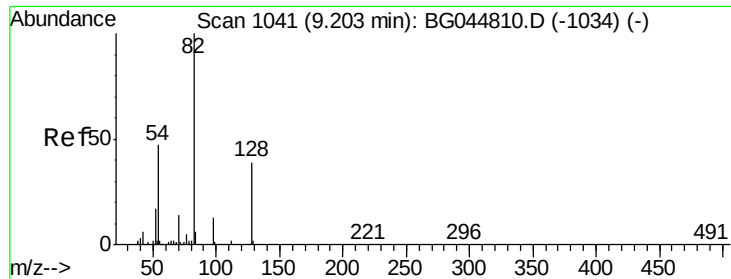
Ion 136.00 (135.70 to 136.70): BGC

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

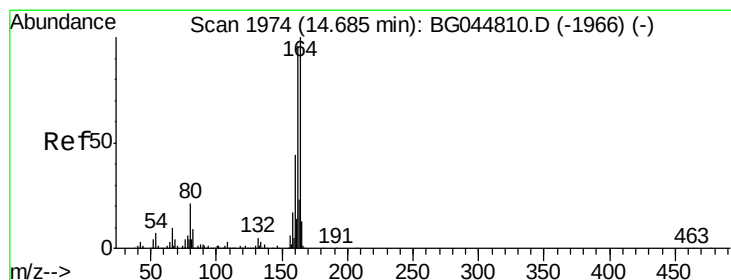
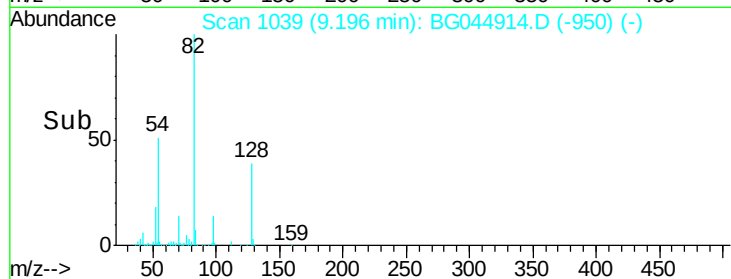
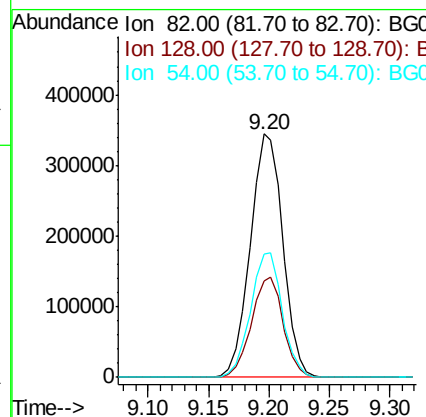
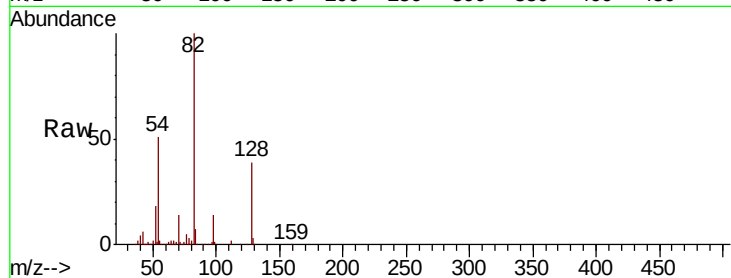




#23
 Nitrobenzene-d5
 Concen: 91.467 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG044914.D
 Acq: 20 Mar 2020 2:12

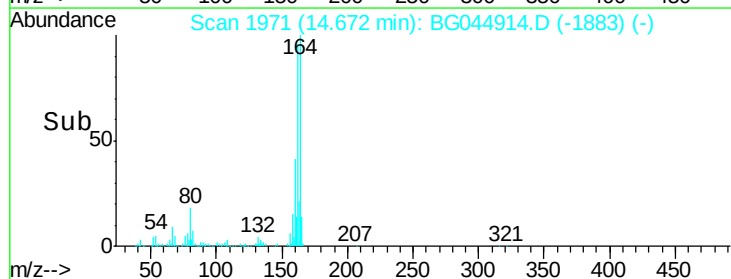
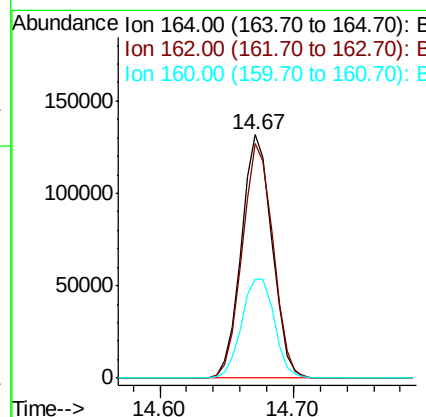
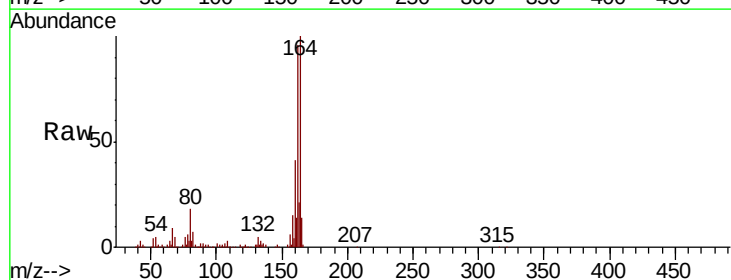
Instrument :
 BNA_G
 ClientSampleId :
 TP-8A

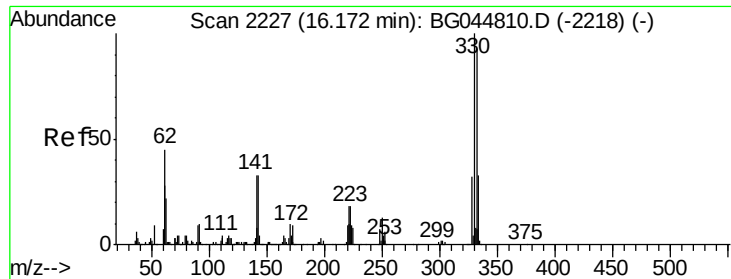
Tot Ion	82	Resp	646935
Ion Ratio	Lower	Upper	
82	100		
128	39.4	30.6	46.0
54	50.6	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG044914.D
 Acq: 20 Mar 2020 2:12

Tgt Ion	164	Resp	209064
Ion Ratio	Lower	Upper	
164	100		
162	96.2	76.7	115.1
160	40.9	35.0	52.4

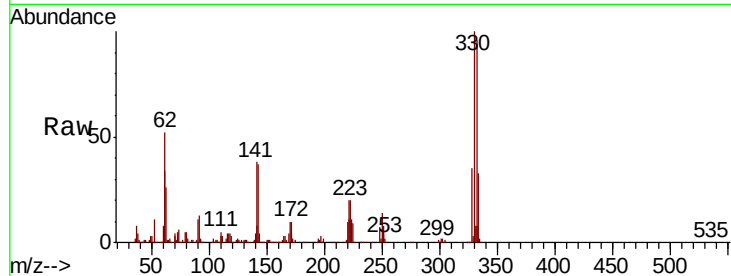




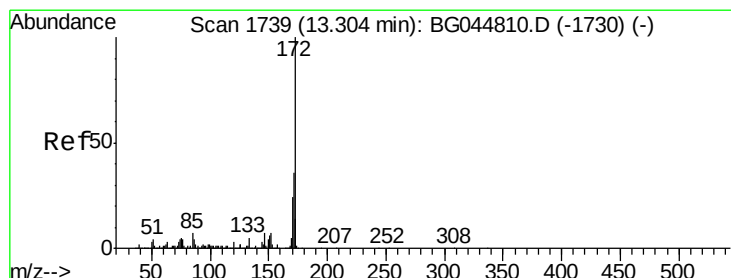
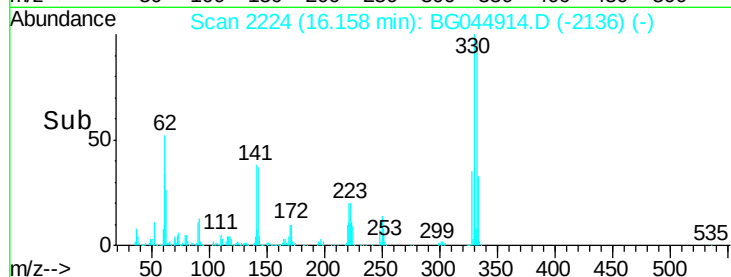
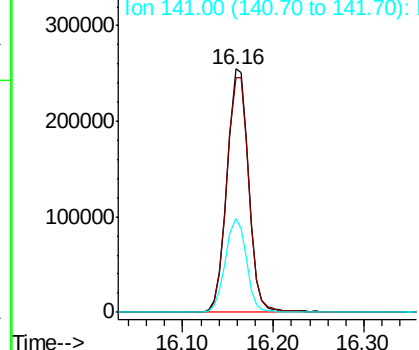
#42
 2,4,6-Tribromophenol
 Concen: 154.300 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG044914.D
 Acq: 20 Mar 2020 2:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-8A

Tot Ion:330 Resp: 422377
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 37.4 29.5 44.3

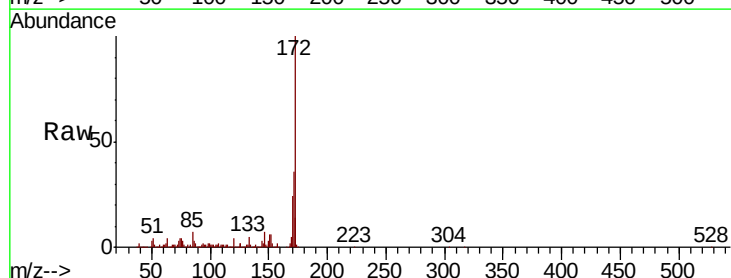


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

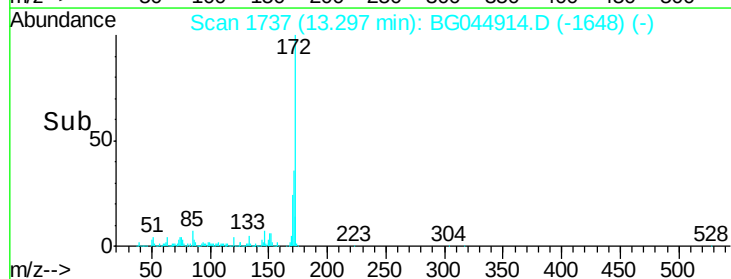
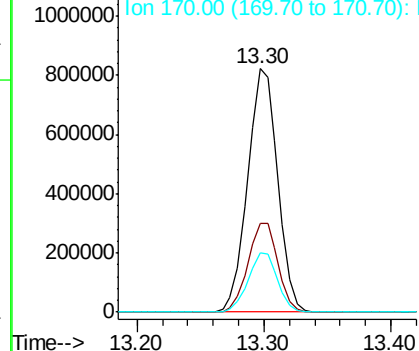


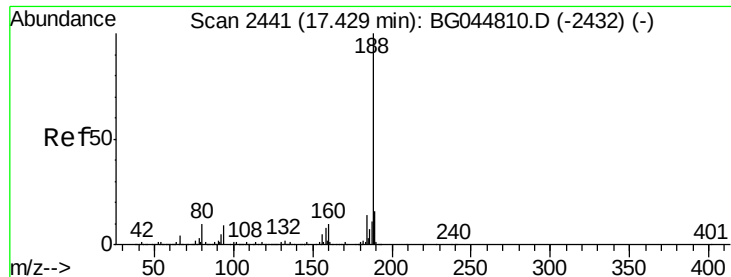
#45
 2-Fluorobiphenyl
 Concen: 92.464 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG044914.D
 Acq: 20 Mar 2020 2:12

Tgt Ion:172 Resp: 1349890
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.7 43.1
 170 24.3 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: BG044914.D

Acq: 20 Mar 2020 2:12

Instrument :

BNA_G

ClientSampleId :

TP-8A

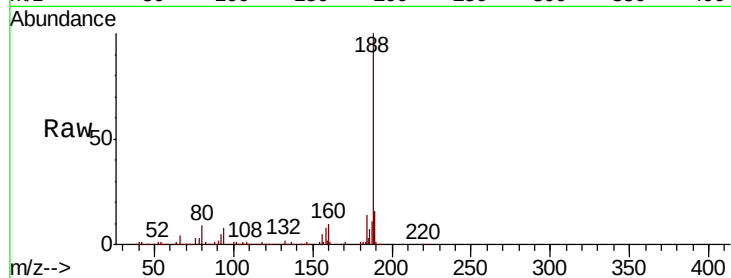
Tot Ion:188 Resp: 482281

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

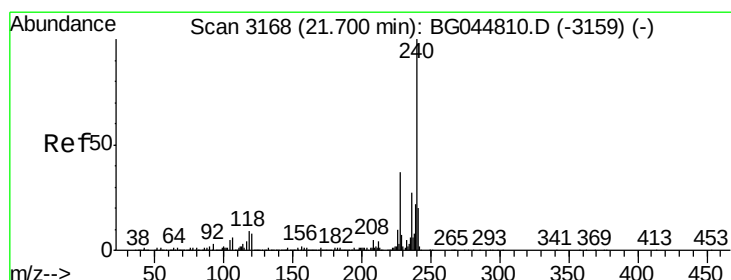
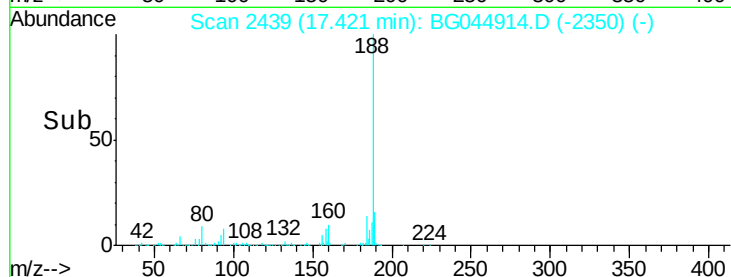
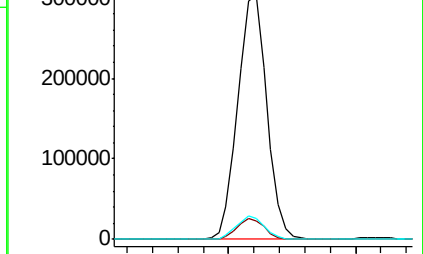
80 8.8 8.0 12.0



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044914.D

Acq: 20 Mar 2020 2:12

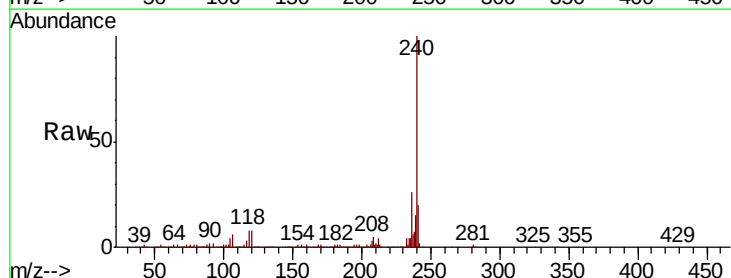
Tgt Ion:240 Resp: 486774

Ion Ratio Lower Upper

240 100

120 7.9 6.7 10.1

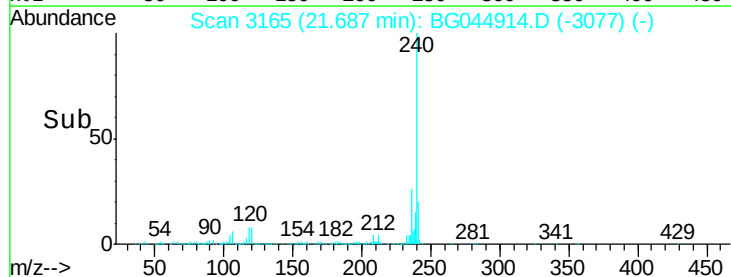
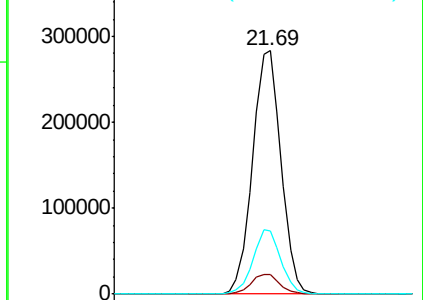
236 25.8 21.5 32.3

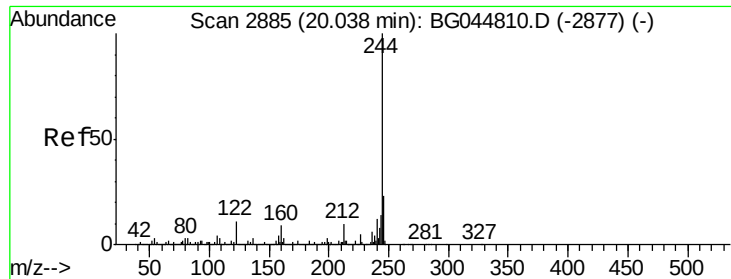


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.569 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044914.D

Acq: 20 Mar 2020 2:12

Instrument :

BNA_G

ClientSampleId :

TP-8A

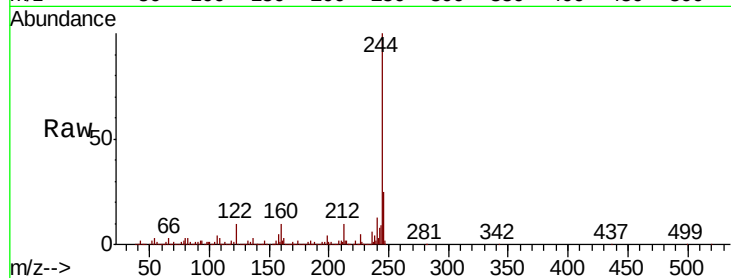
Tot Ion:244 Resp: 2226756

Ion Ratio Lower Upper

244 100

212 10.2 7.7 11.5

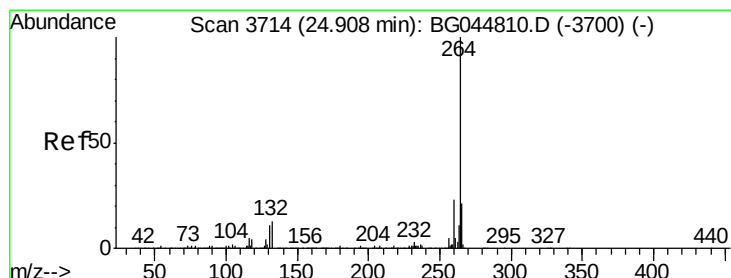
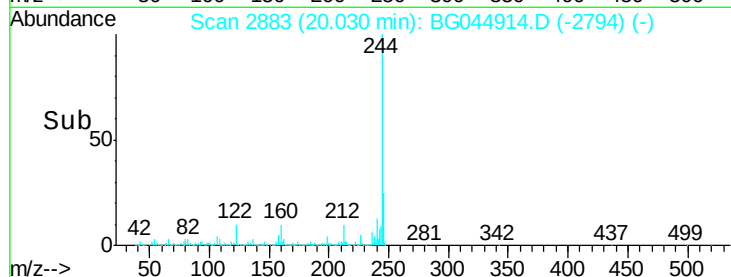
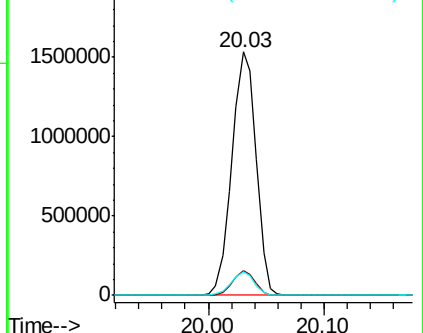
122 9.8 8.6 12.8



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: BG044914.D

Acq: 20 Mar 2020 2:12

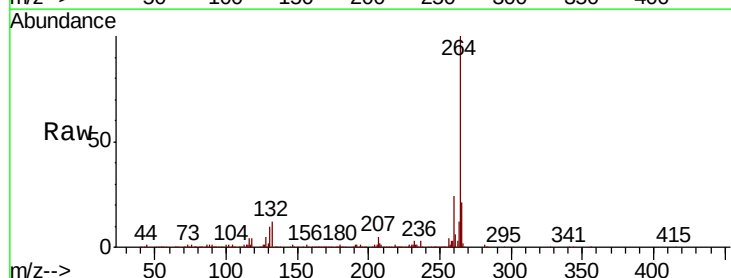
Tgt Ion:264 Resp: 516598

Ion Ratio Lower Upper

264 100

260 23.8 18.1 27.1

265 21.4 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

