

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044897.D
 Acq On : 19 Mar 2020 14:18
 Operator : CG/JU
 Sample : L1873-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 19 15:03:34 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

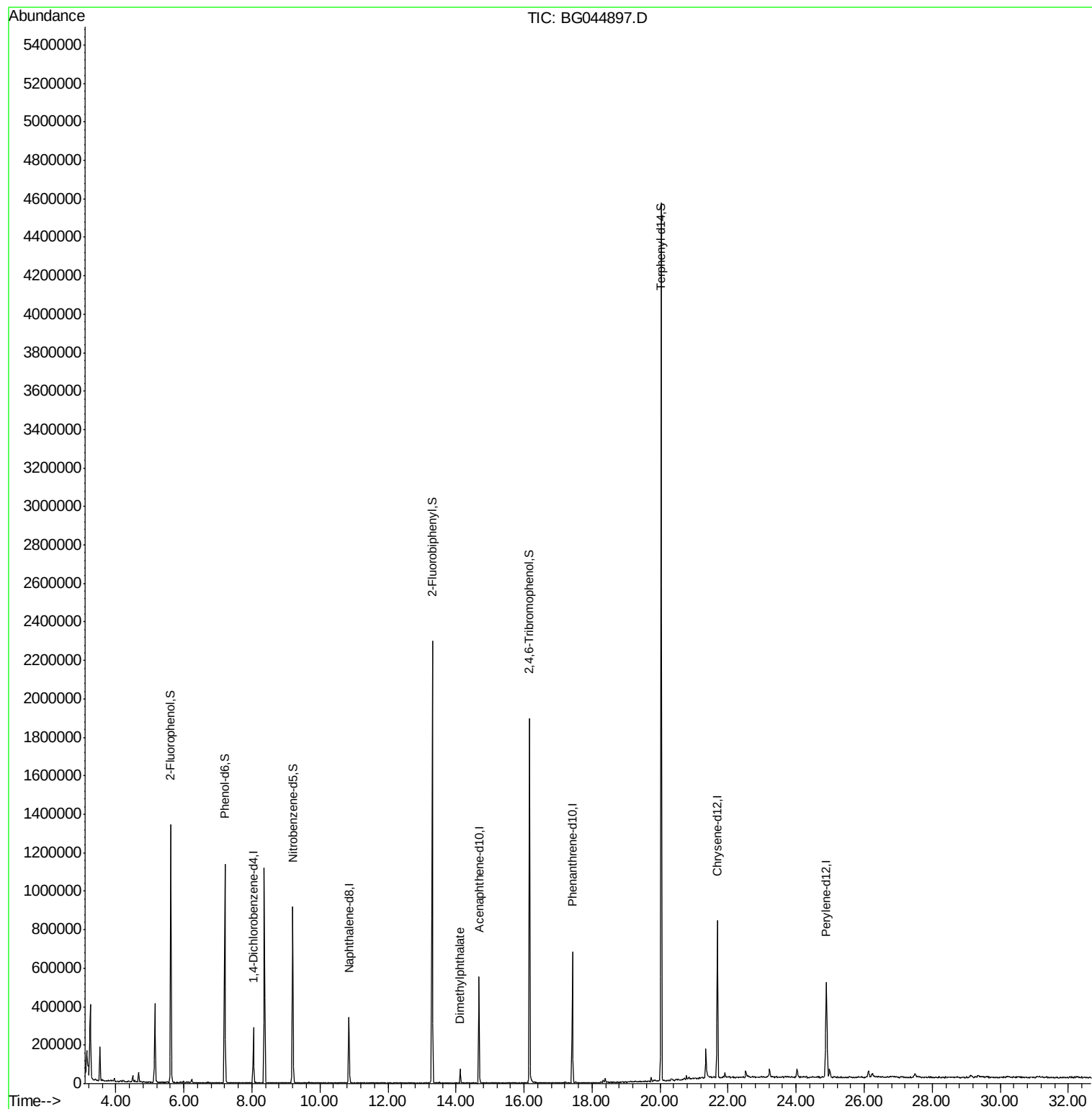
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77872	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	296879	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	196685	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	452047	20.00	ng	0.00
76) Chrysene-d12	21.69	240	467863	20.00	ng	-0.01
87) Perylene-d12	24.89	264	538374	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	563612	112.67	ng	0.00
7) Phenol-d6	7.20	99	708404	97.47	ng	0.00
23) Nitrobenzene-d5	9.20	82	599952	88.68	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	378904	147.13	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1219289	88.77	ng	0.00
79) Terphenyl-d14	20.03	244	2184254	87.33	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	50180	3.203	ng	Qvalue 98

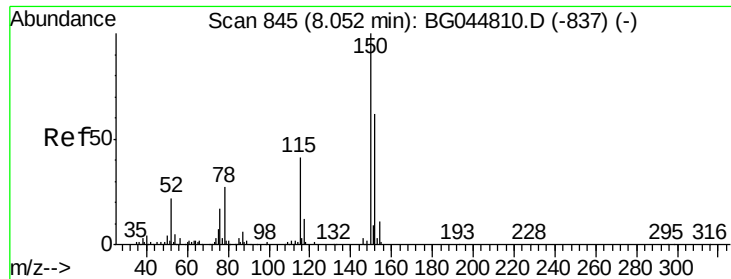
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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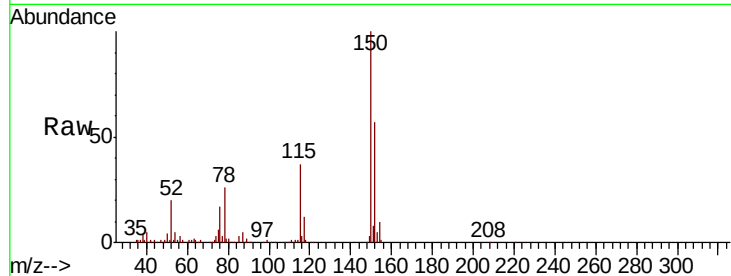


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044897.D
Acq: 19 Mar 2020 14:18

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.3	128.8	193.2
115	65.3	52.6	79.0

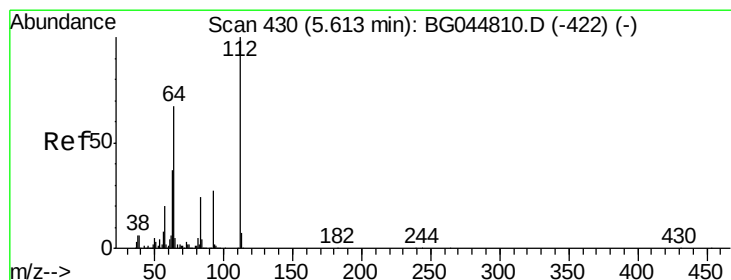
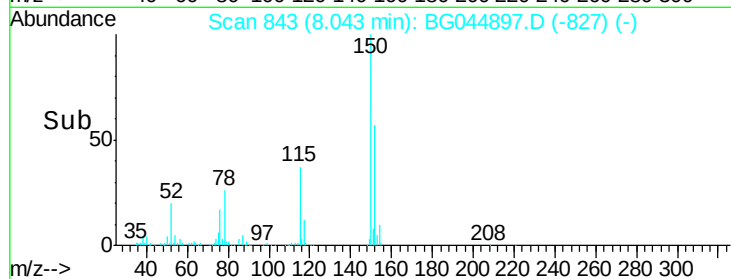
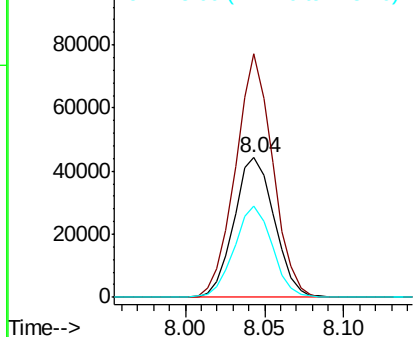


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

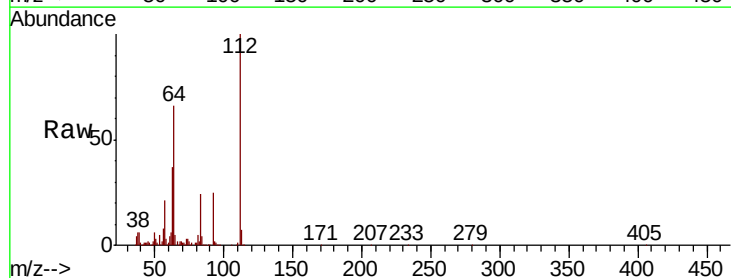
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.668 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044897.D
Acq: 19 Mar 2020 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	53.4	80.2
63	36.8	29.4	44.2

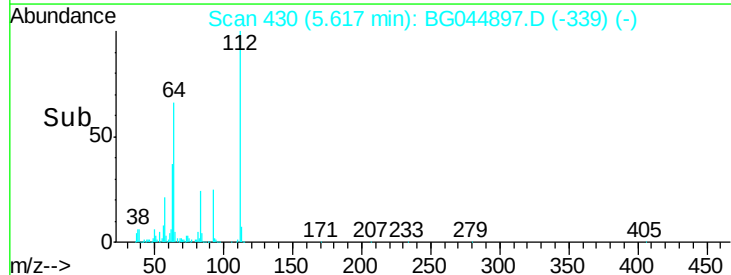
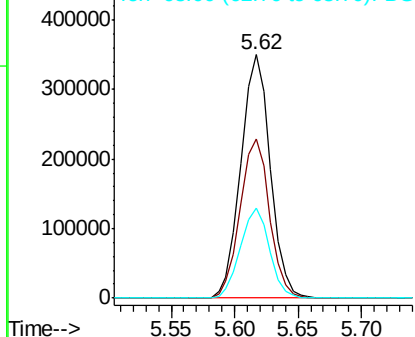


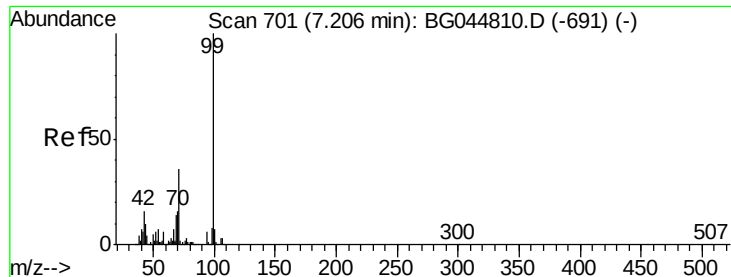
Abundance

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: 97.467 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044897.D

Acq: 19 Mar 2020 14:18

Instrument :

BNA_G

ClientSampleId :

TP-2

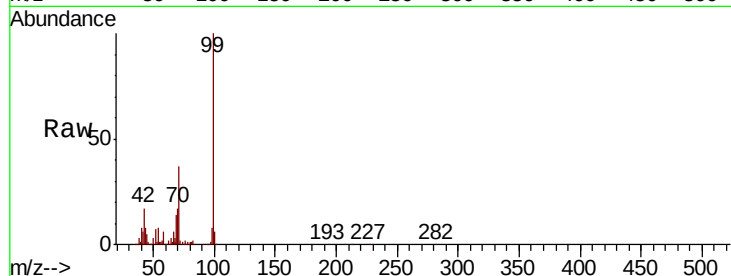
Tot Ion: 99 Resp: 708404

Ion Ratio Lower Upper

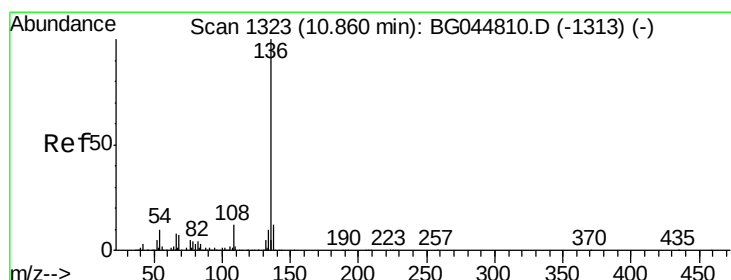
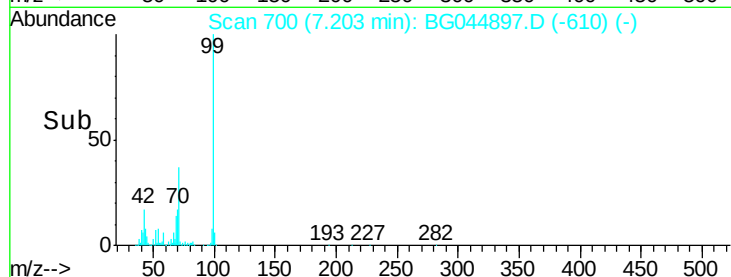
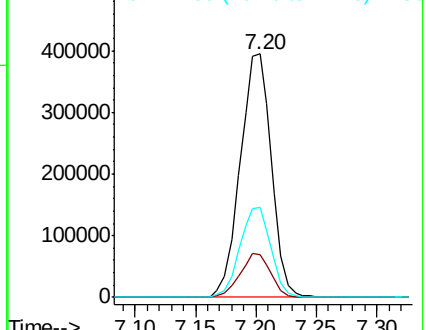
99 100

42 17.5 12.6 19.0

71 37.1 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: BG044897.D

Acq: 19 Mar 2020 14:18

Tgt Ion: 136 Resp: 296879

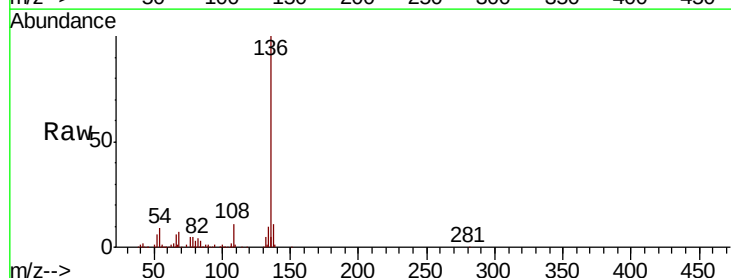
Ion Ratio Lower Upper

136 100

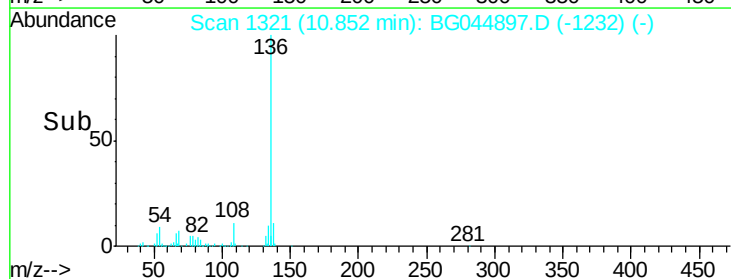
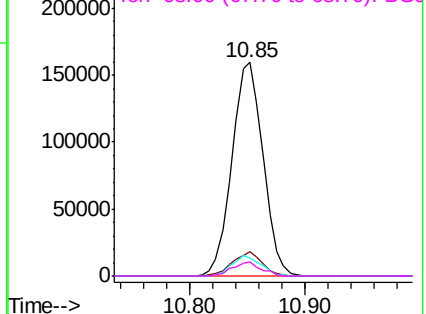
137 11.3 9.8 14.6

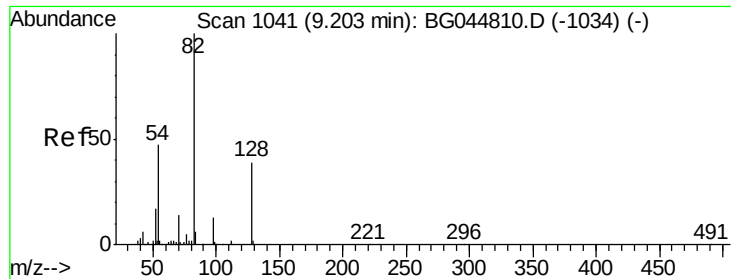
54 8.5 7.9 11.9

68 6.7 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: 88.678 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG044897.D

Acq: 19 Mar 2020 14:18

Instrument :

BNA_G

ClientSampleId :

TP-2

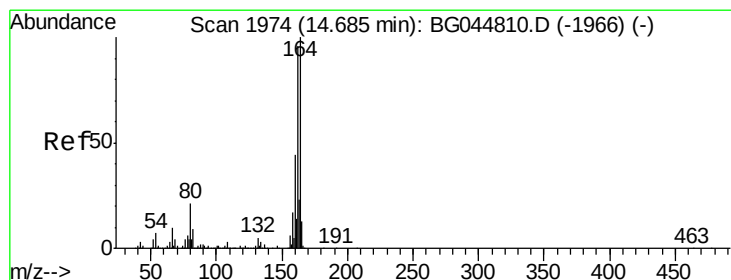
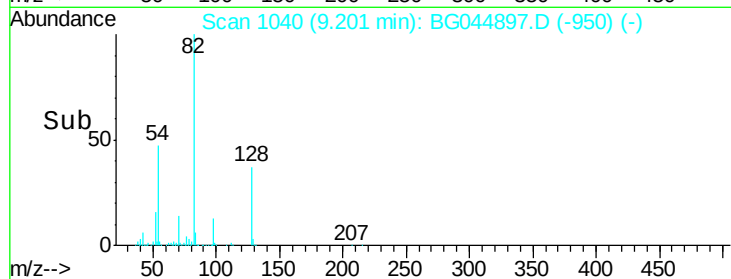
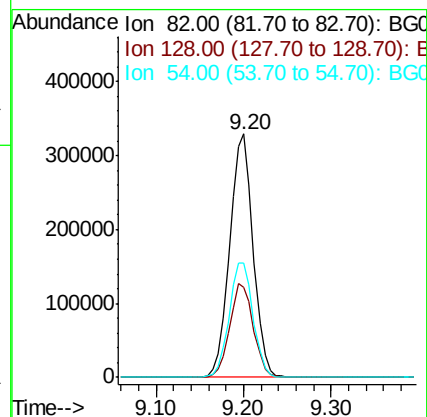
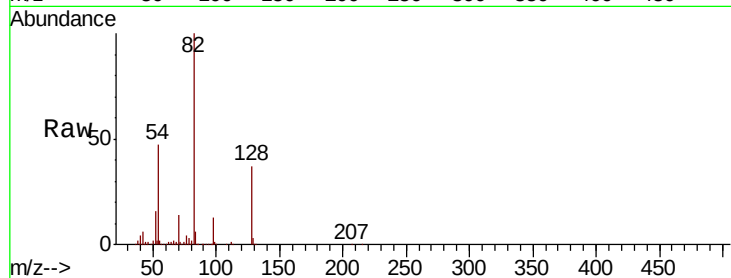
Tot Ion: 82 Resp: 599952

Ion Ratio Lower Upper

82 100

128 37.0 30.6 46.0

54 47.1 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: BG044897.D

Acq: 19 Mar 2020 14:18

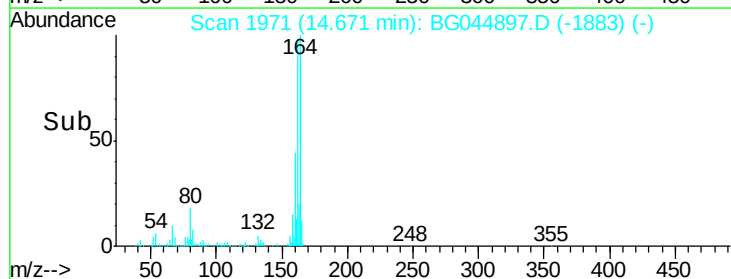
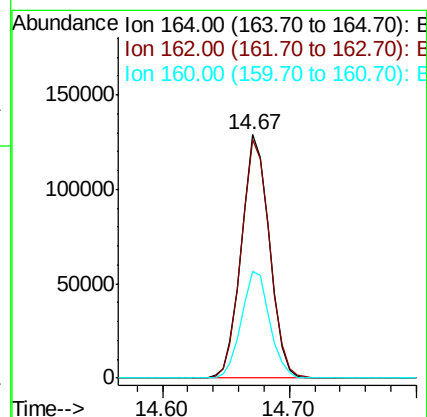
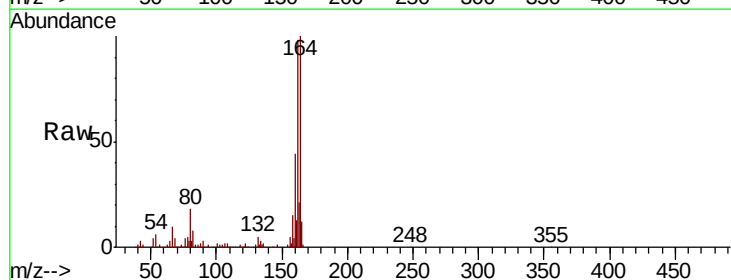
Tgt Ion: 164 Resp: 196685

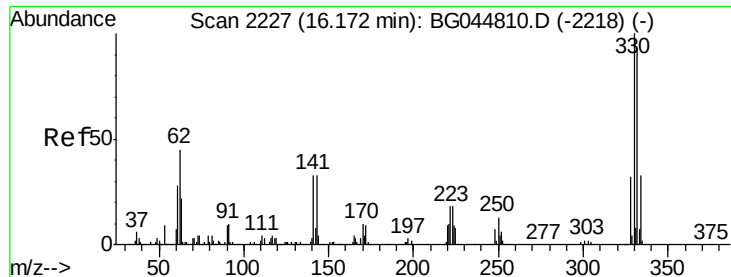
Ion Ratio Lower Upper

164 100

162 98.0 76.7 115.1

160 43.6 35.0 52.4

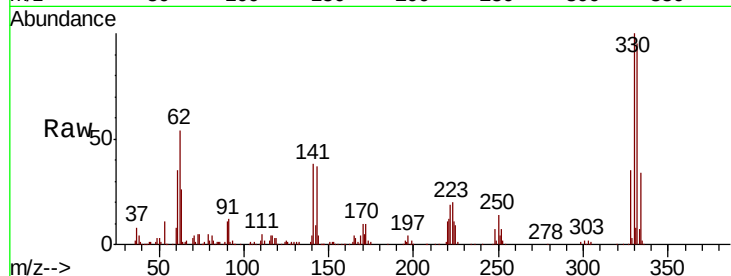




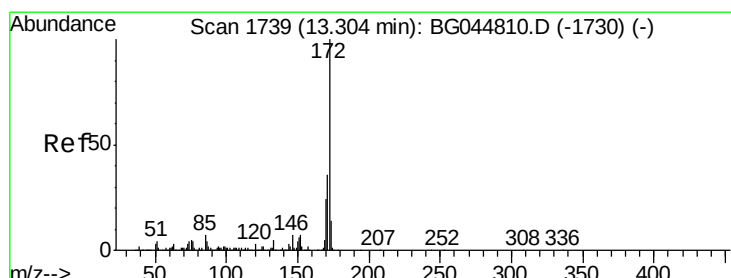
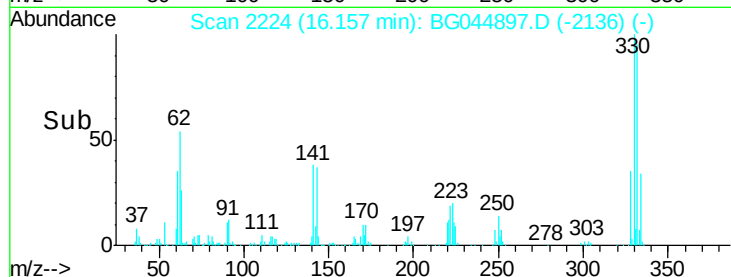
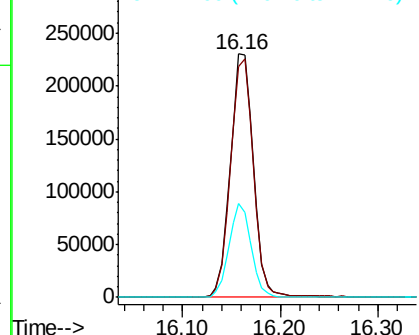
#42
 2,4,6-Tribromophenol
 Concen: 147.131 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG044897.D
 Acq: 19 Mar 2020 14:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion:330 Resp: 378904
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 36.9 29.5 44.3

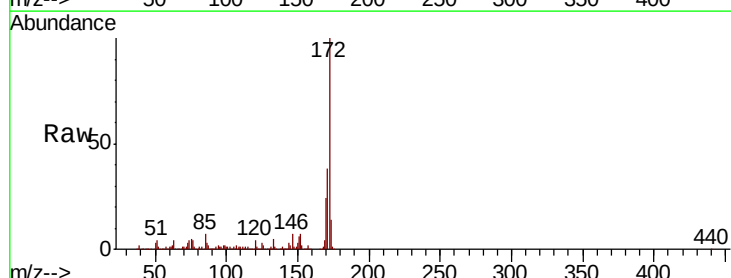


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

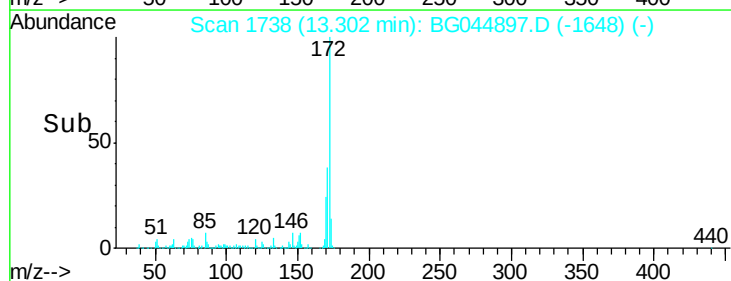
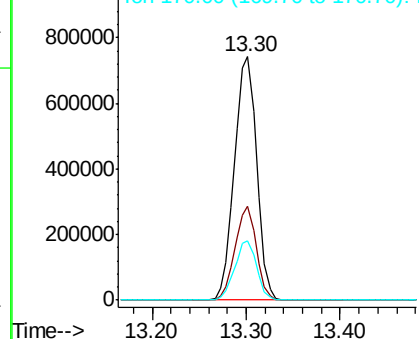


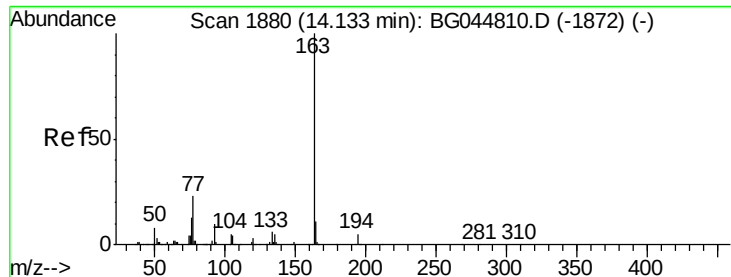
#45
 2-Fluorobiphenyl
 Concen: 88.775 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044897.D
 Acq: 19 Mar 2020 14:18

Tgt Ion:172 Resp: 1219289
 Ion Ratio Lower Upper
 172 100
 171 38.5 28.7 43.1
 170 24.2 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





#50

Dimethylphthalate

Concen: 3.203 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044897.D

Acq: 19 Mar 2020 14:18

Instrument :

BNA_G

ClientSampleId :

TP-2

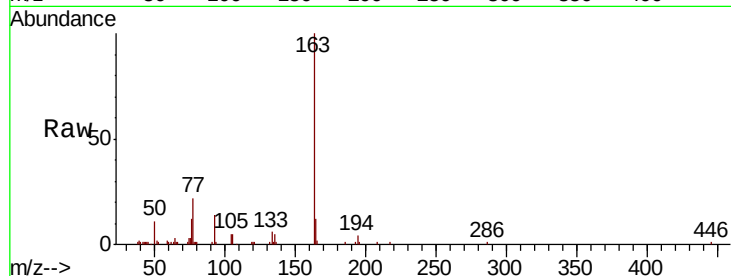
Tot Ion:163 Resp: 50180

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

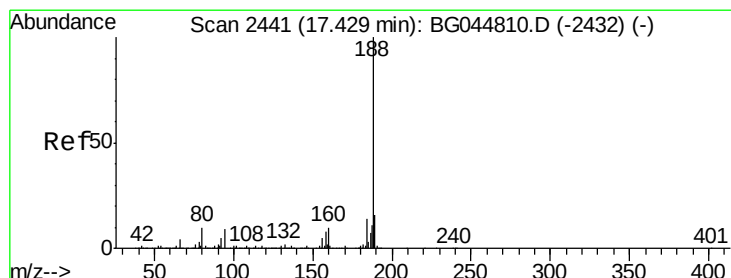
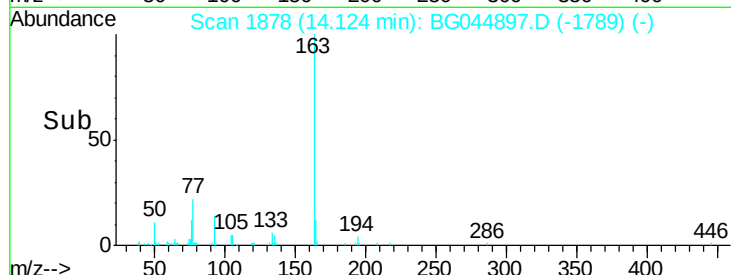
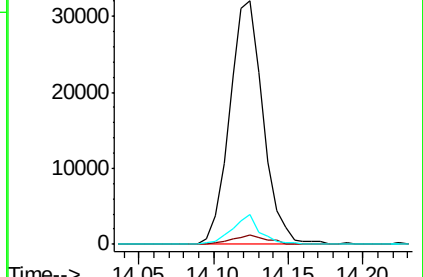
164 12.3 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044897.D

Acq: 19 Mar 2020 14:18

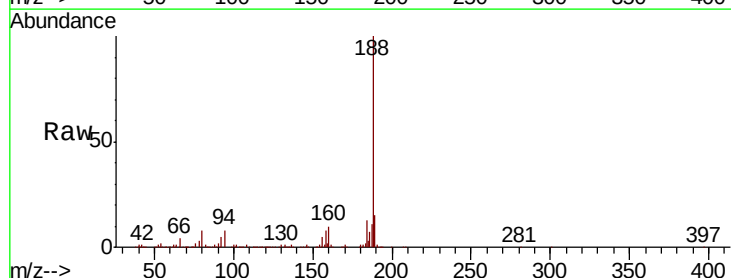
Tgt Ion:188 Resp: 452047

Ion Ratio Lower Upper

188 100

94 7.5 7.3 10.9

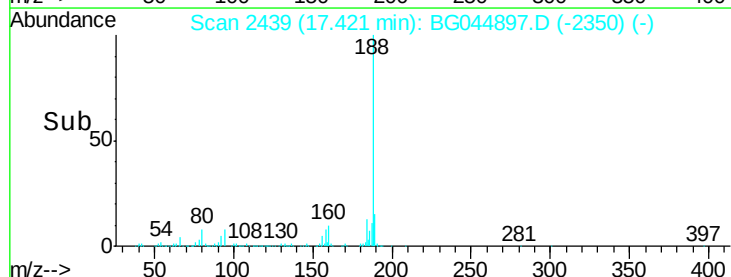
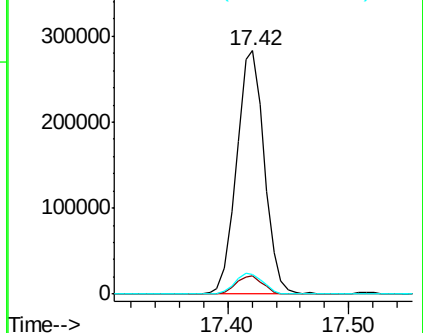
80 8.3 8.0 12.0

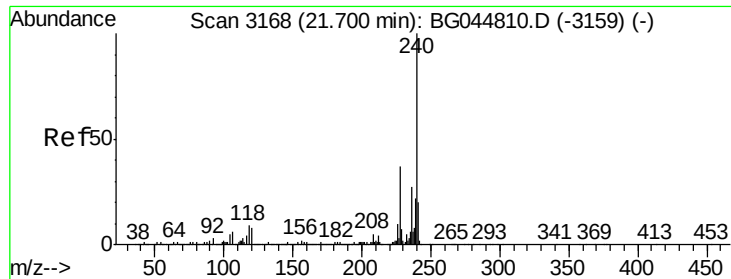


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

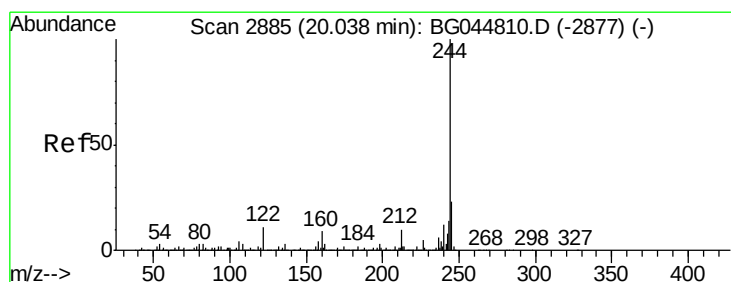
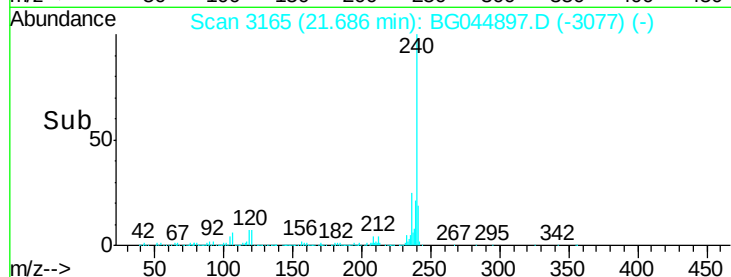
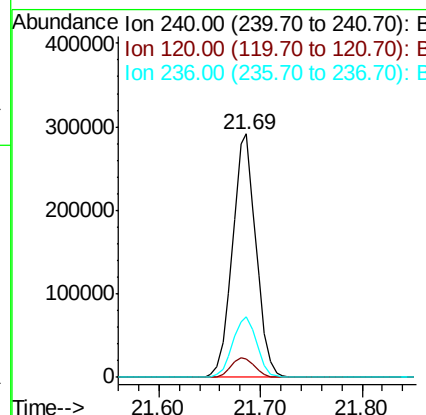
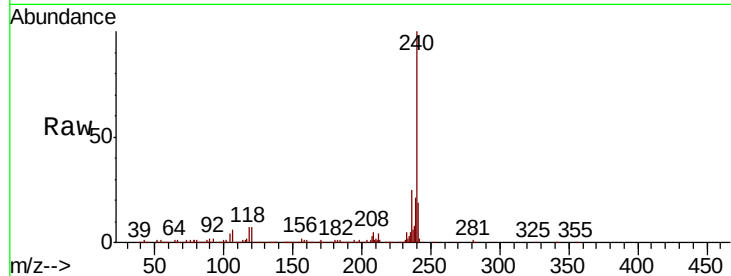




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044897.D
Acq: 19 Mar 2020 14:18

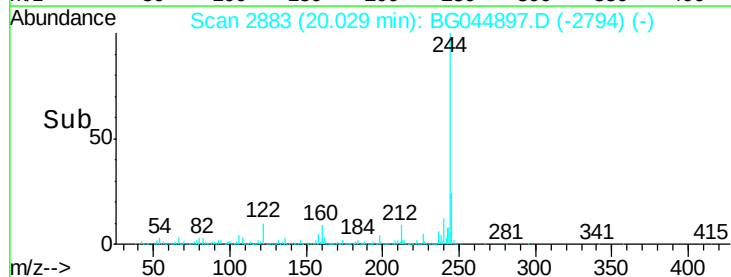
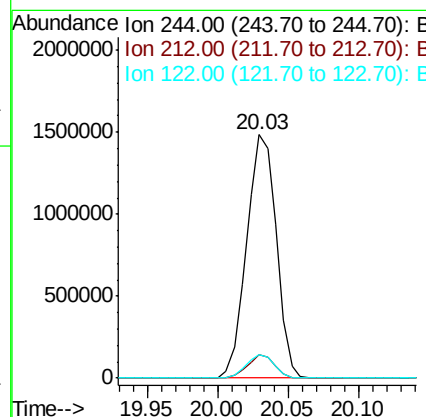
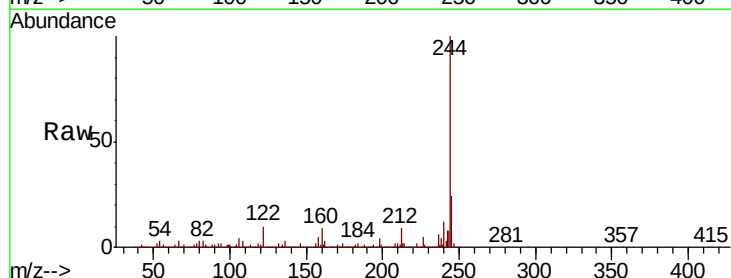
Instrument :
BNA_G
ClientSampleId :
TP-2

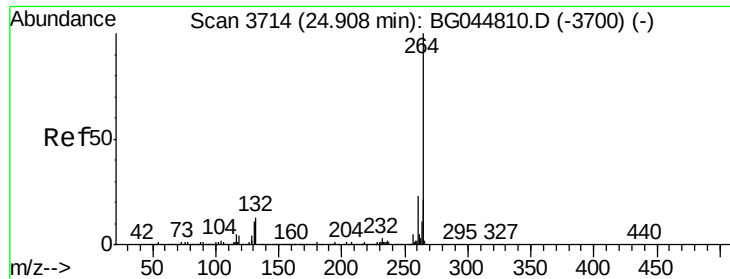
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.7	10.1
236	25.1	21.5	32.3



#79
Terphenyl-d14
Concen: 87.328 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044897.D
Acq: 19 Mar 2020 14:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.7	11.5
122	9.7	8.6	12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044897.D
 Acq: 19 Mar 2020 14:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.1	27.1
265	22.1	17.1	25.7

