

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044534.D
 Acq On : 20 Feb 2020 23:50
 Operator : CG/JU
 Sample : L1600-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B-D

Quant Time: Feb 21 07:38:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

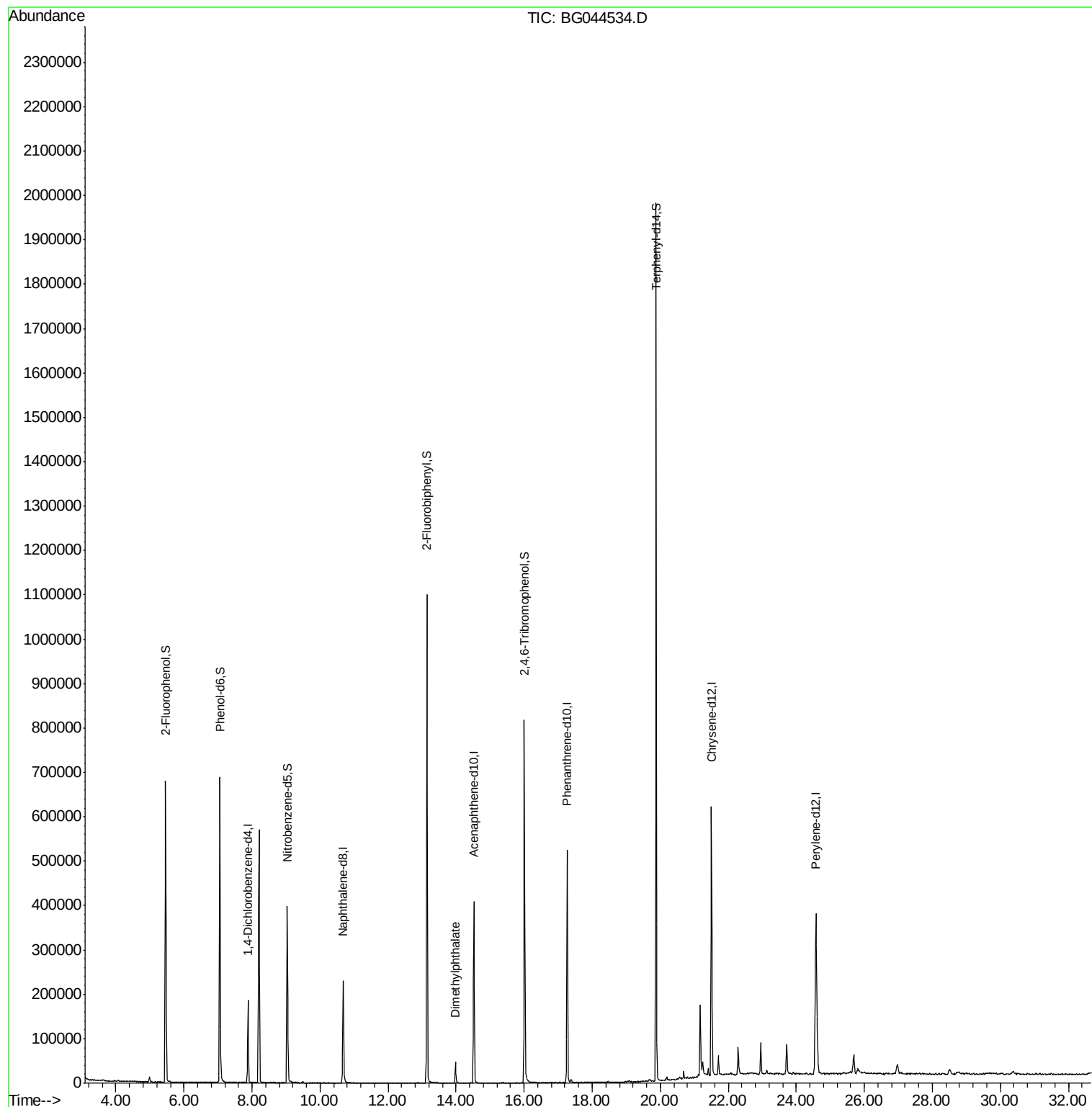
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	57009	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	235094	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	153760	20.00	ng	-0.02
64) Phenanthrene-d10	17.26	188	349263	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	367662	20.00	ng	-0.03
87) Perylene-d12	24.58	264	386325	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	347528	107.59	ng	-0.02
7) Phenol-d6	7.05	99	457350	105.43	ng	-0.02
23) Nitrobenzene-d5	9.03	82	275207	66.09	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	185288	102.65	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	622639	67.81	ng	-0.02
79) Terphenyl-d14	19.88	244	1006705	56.32	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.98	163	42708	3.864	ng	Qvalue # 95

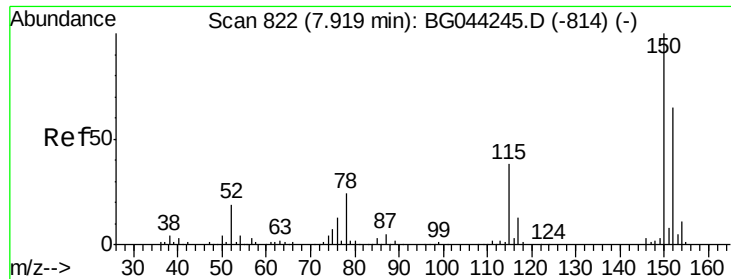
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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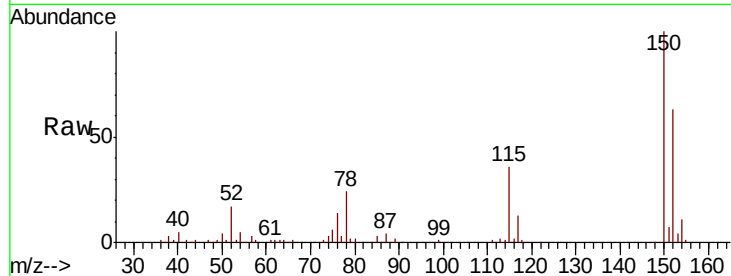


#1

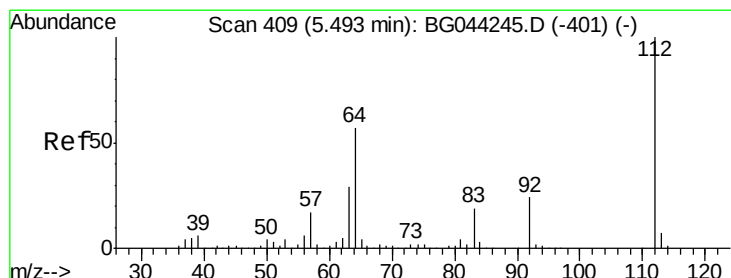
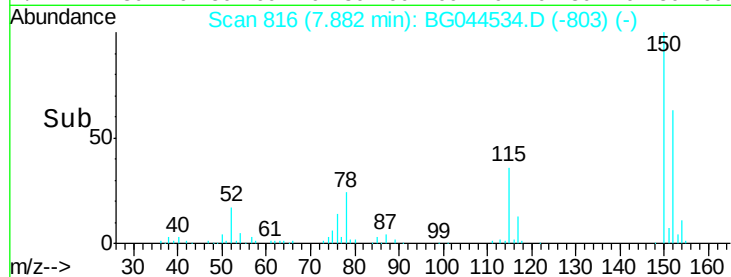
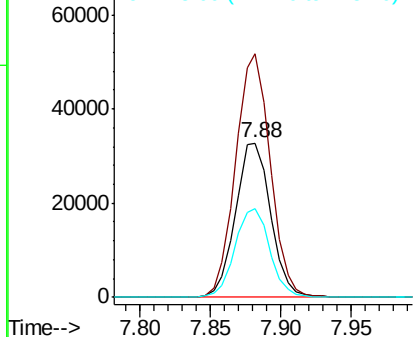
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-B-D

Tot Ion:152 Resp: 57009
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.6 183.8
 115 57.3 46.0 69.0



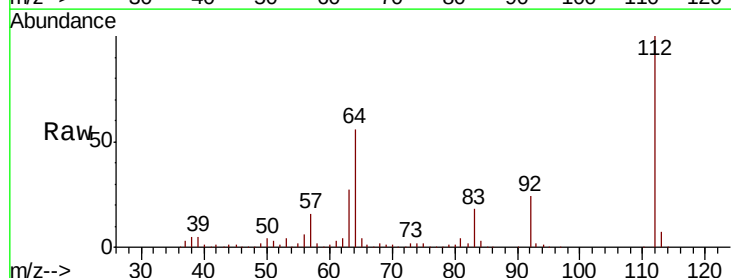
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



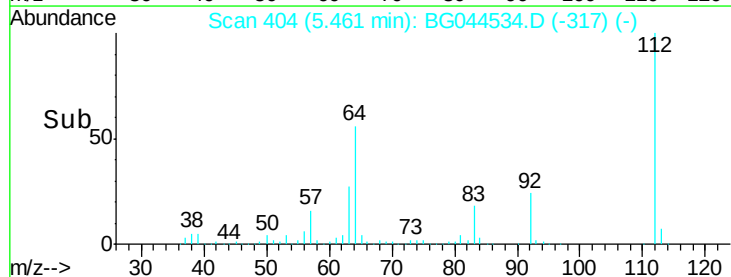
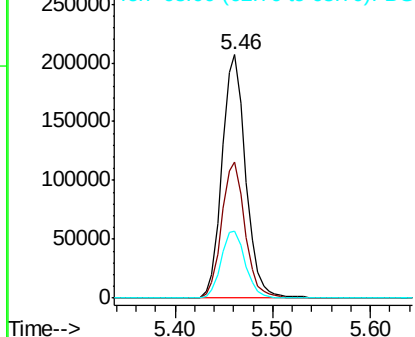
#5

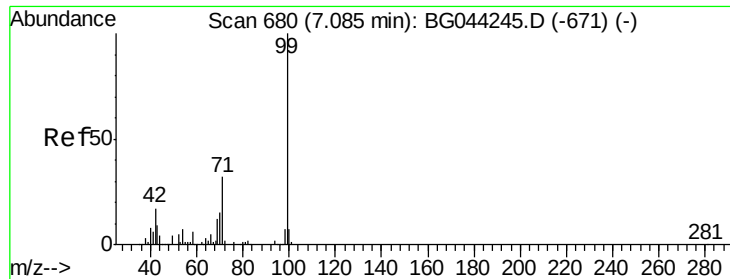
2-Fluorophenol
 Concen: 107.585 ng
 RT: 5.46 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion:112 Resp: 347528
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.4 68.2
 63 27.3 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 105.435 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

TP-B-D

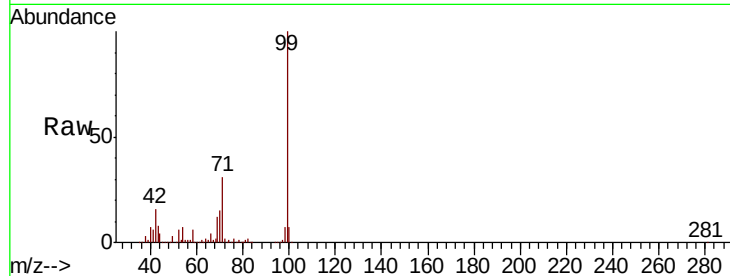
Tot Ion: 99 Resp: 457350

Ion Ratio Lower Upper

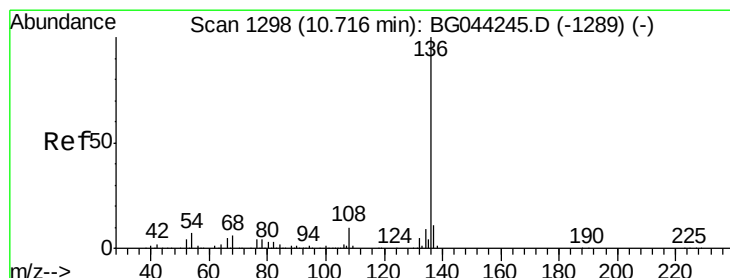
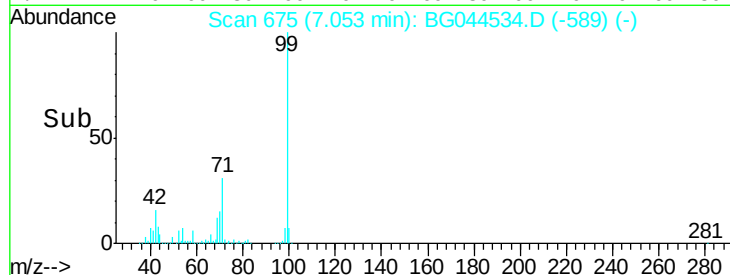
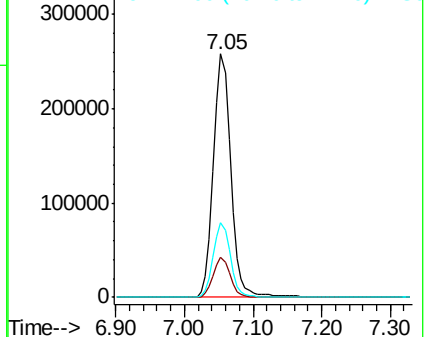
99 100

42 16.3 13.8 20.6

71 30.6 25.5 38.3



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: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Tgt Ion: 136 Resp: 235094

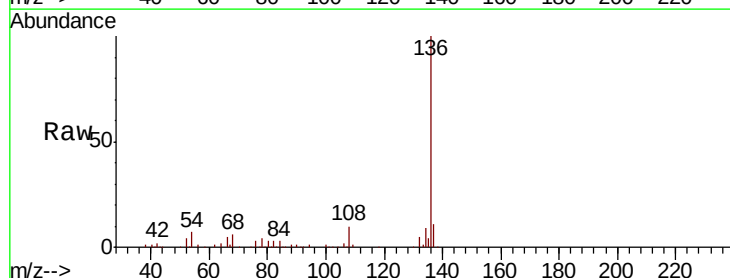
Ion Ratio Lower Upper

136 100

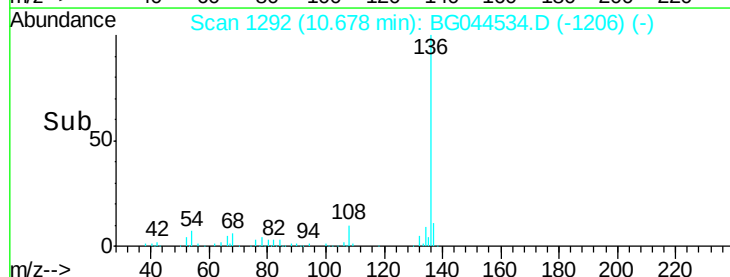
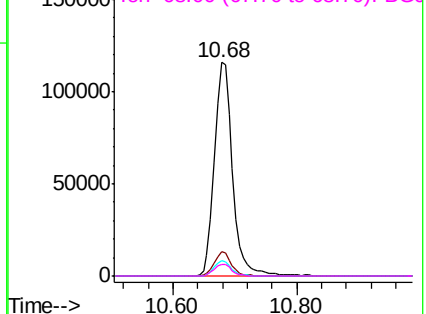
137 11.3 8.8 13.2

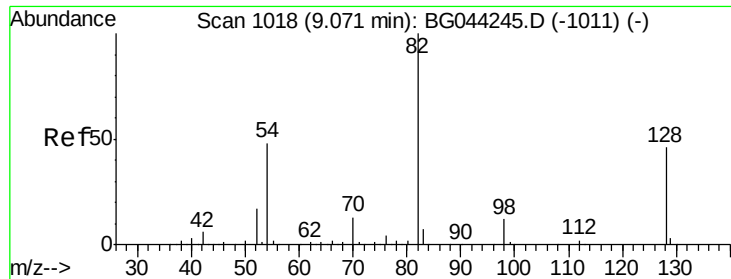
54 7.4 5.8 8.8

68 5.7 4.6 6.8



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

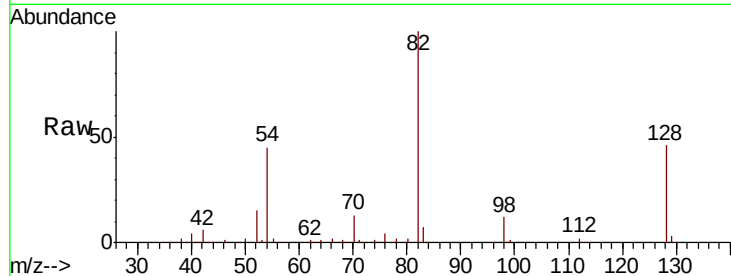




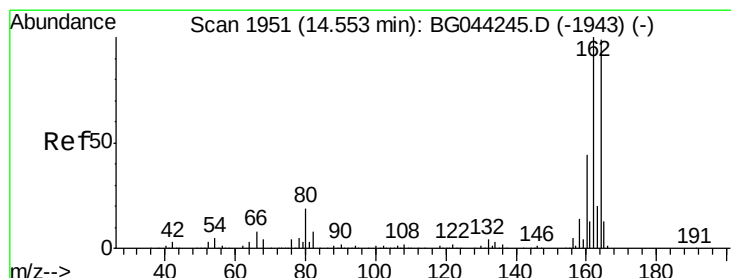
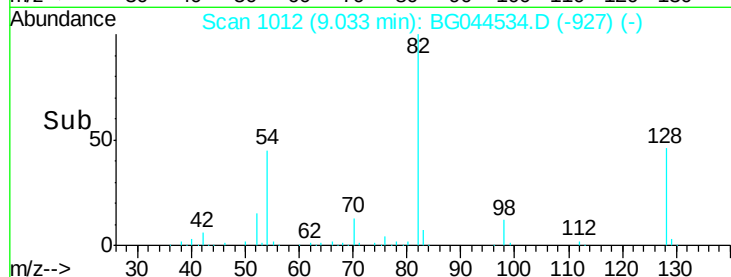
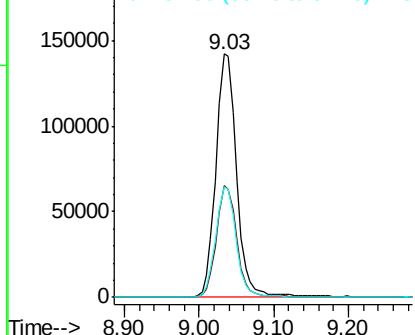
#23
 Nitrobenzene-d5
 Concen: 66.089 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Instrument :
 BNA_G
 ClientSampleID :
 TP-B-D

Tot Ion	82	Resp	275207
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.5	54.7
54	45.4	38.6	58.0

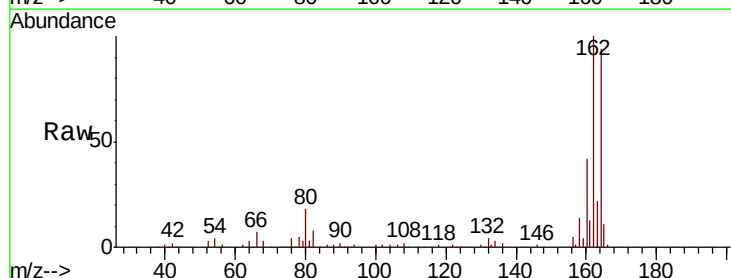


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

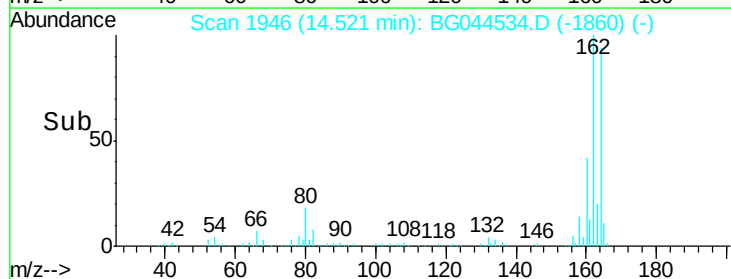
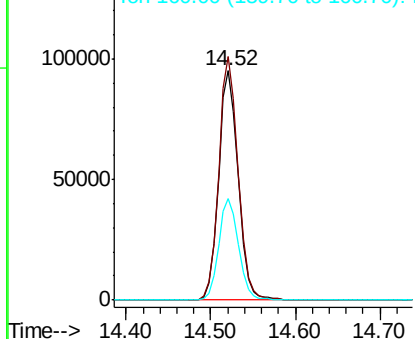


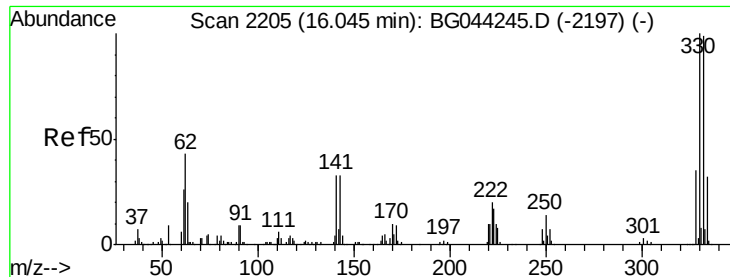
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion	164	Resp	153760
Ion Ratio	Lower	Upper	
164	100		
162	106.2	80.7	121.1
160	44.1	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 102.650 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

TP-B-D

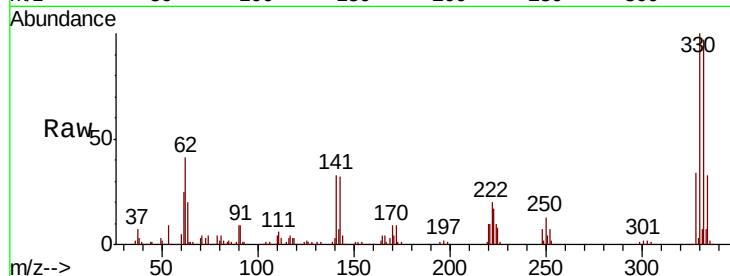
Tot Ion:330 Resp: 185288

Ion Ratio Lower Upper

330 100

332 95.1 77.2 115.8

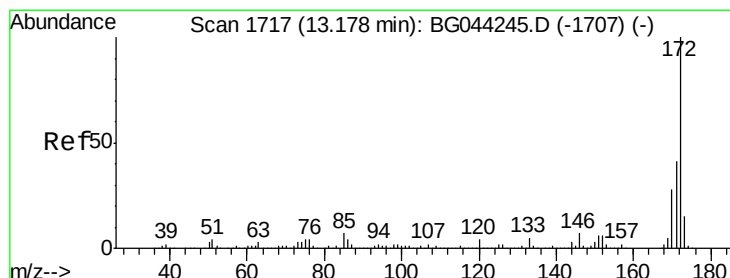
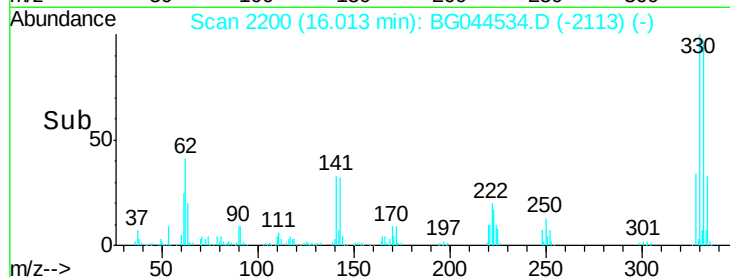
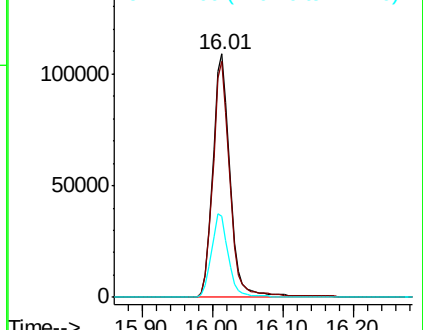
141 34.0 28.3 42.5



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: 67.810 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

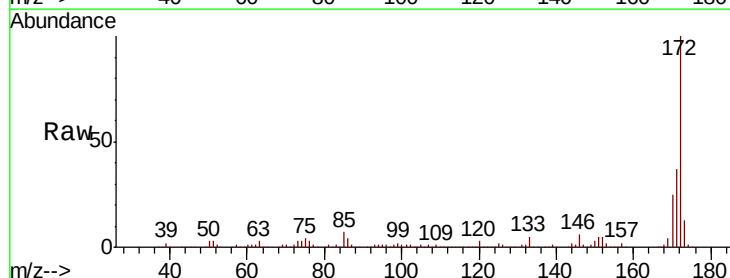
Tgt Ion:172 Resp: 622639

Ion Ratio Lower Upper

172 100

171 37.4 32.9 49.3

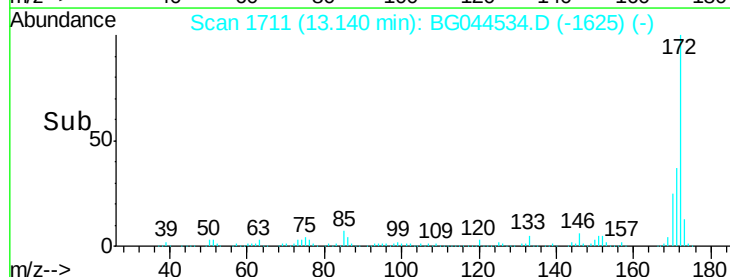
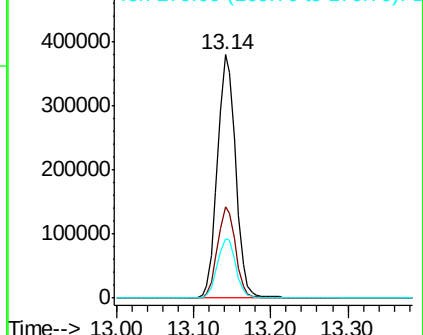
170 24.5 22.0 33.0

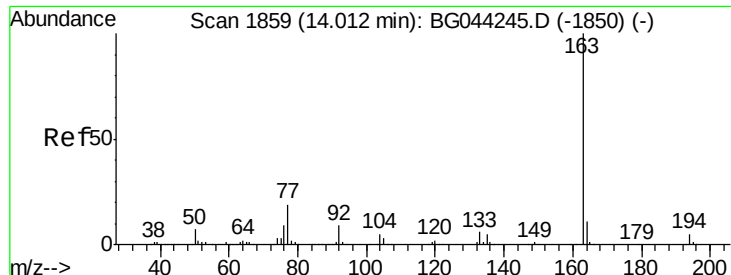


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.864 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

TP-B-D

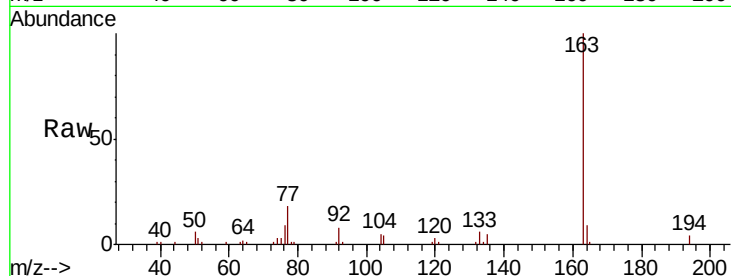
Tot Ion:163 Resp: 42708

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

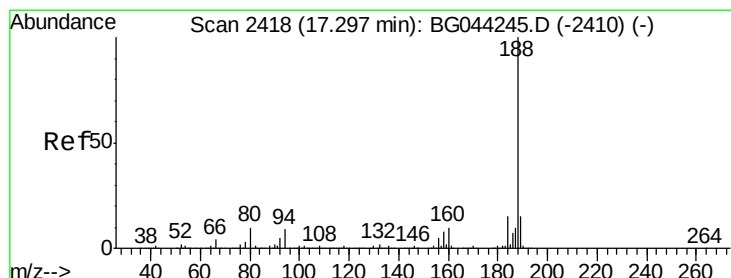
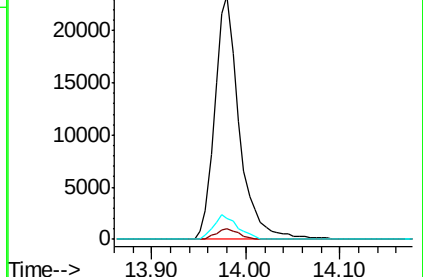
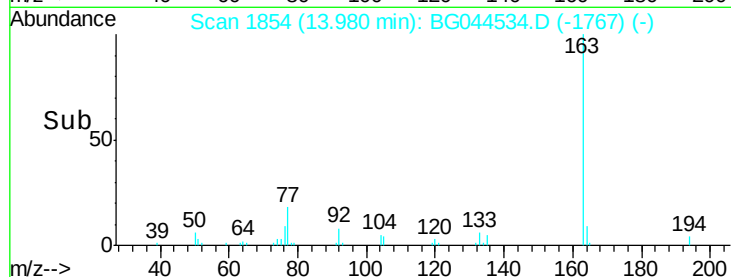
164 8.6 8.7 13.1#



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: 17.26 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

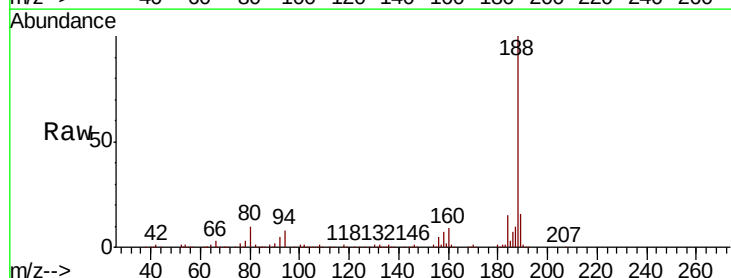
Tgt Ion:188 Resp: 349263

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

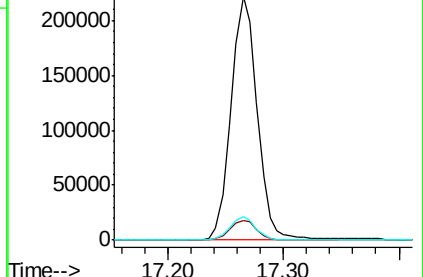
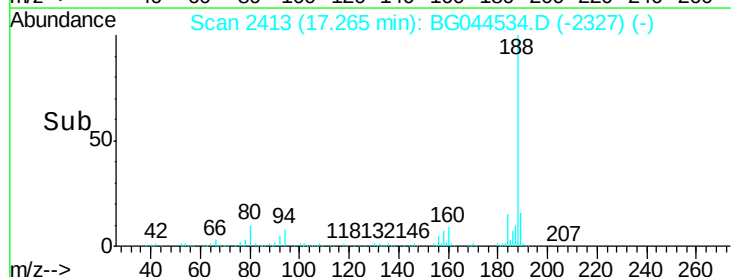
80 9.6 7.7 11.5

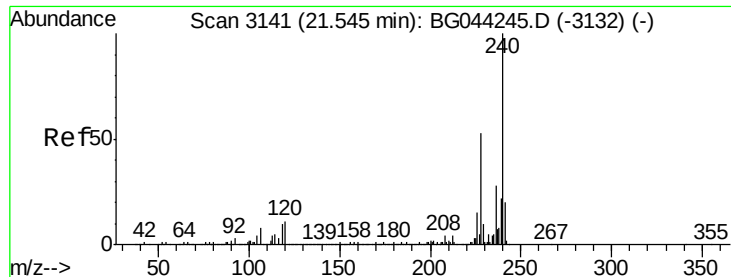


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

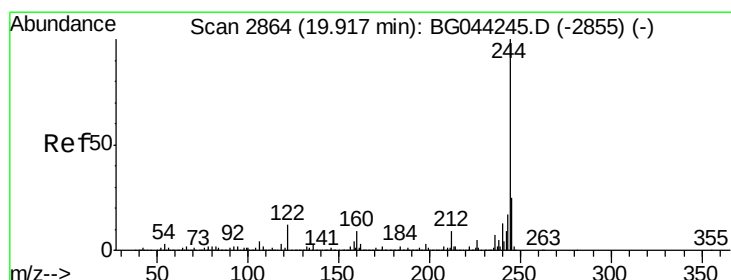
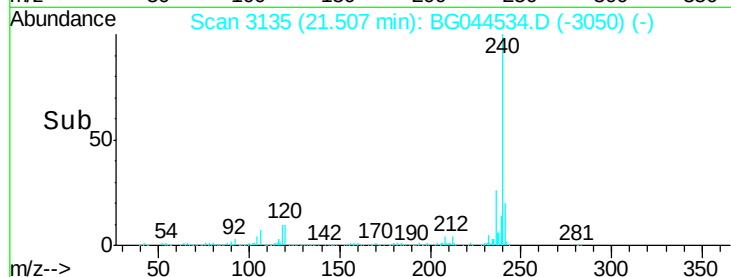
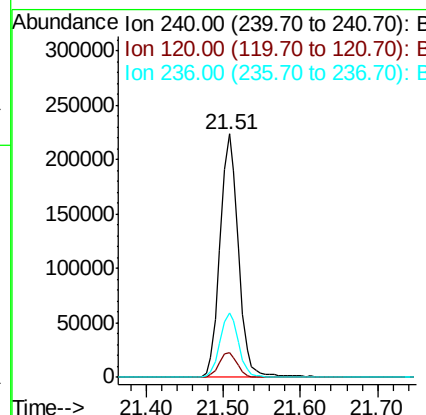
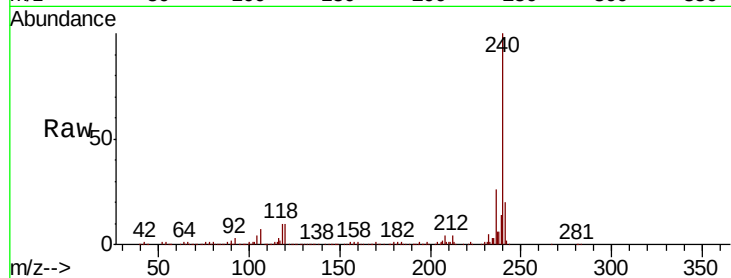




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.03 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

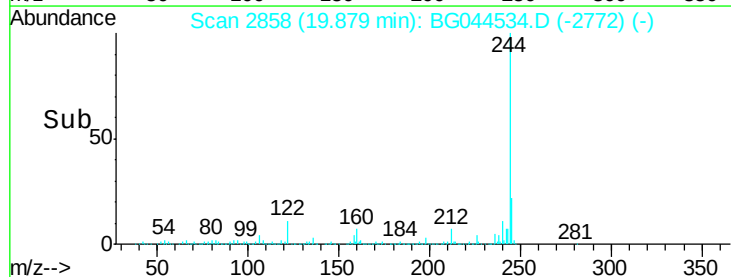
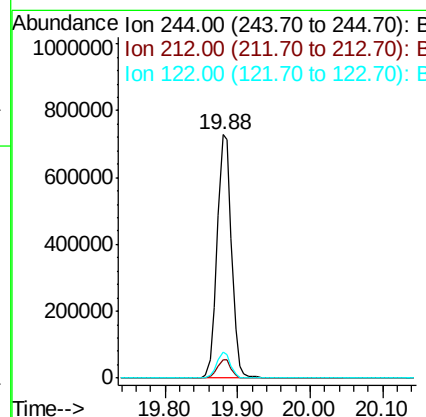
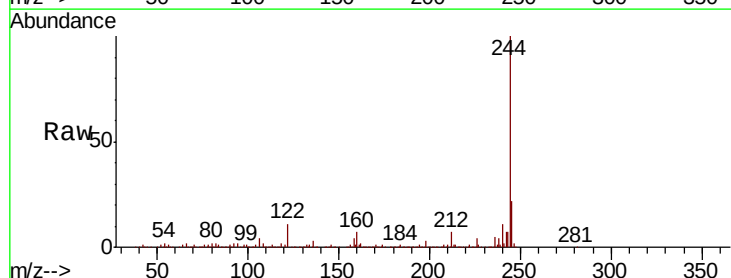
Instrument :
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 ClientSampleId :
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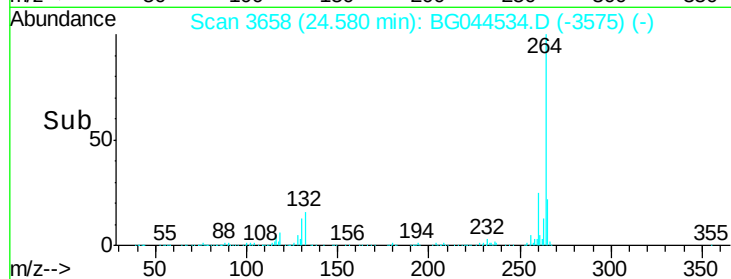
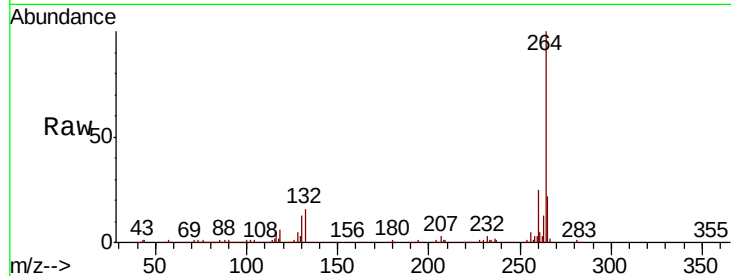
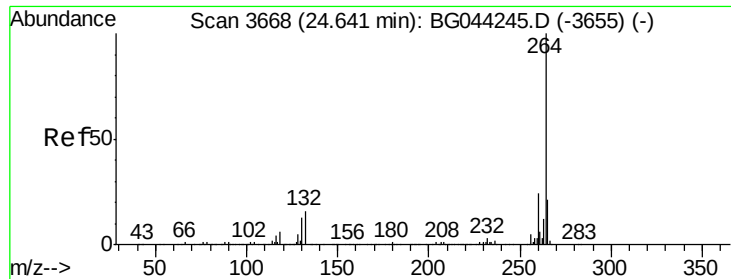
Tot Ion:240 Resp: 367662
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 26.2 22.1 33.1



#79
 Terphenyl-d14
 Concen: 56.320 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG044534.D
 Acq: 20 Feb 2020 23:50

Tgt Ion:244 Resp: 1006705
 Ion Ratio Lower Upper
 244 100
 212 7.5 7.4 11.2
 122 10.7 9.8 14.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3658

Delta R.T. -0.04 min

Lab File: BG044534.D

Acq: 20 Feb 2020 23:50

Instrument :

BNA_G

ClientSampleId :

TP-B-D

Tot Ion:264 Resp: 386325

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.6 16.7 25.1

