

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044549.D
 Acq On : 21 Feb 2020 14:55
 Operator : CG/JU
 Sample : PB126974BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126974BL

Quant Time: Feb 21 16:25:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

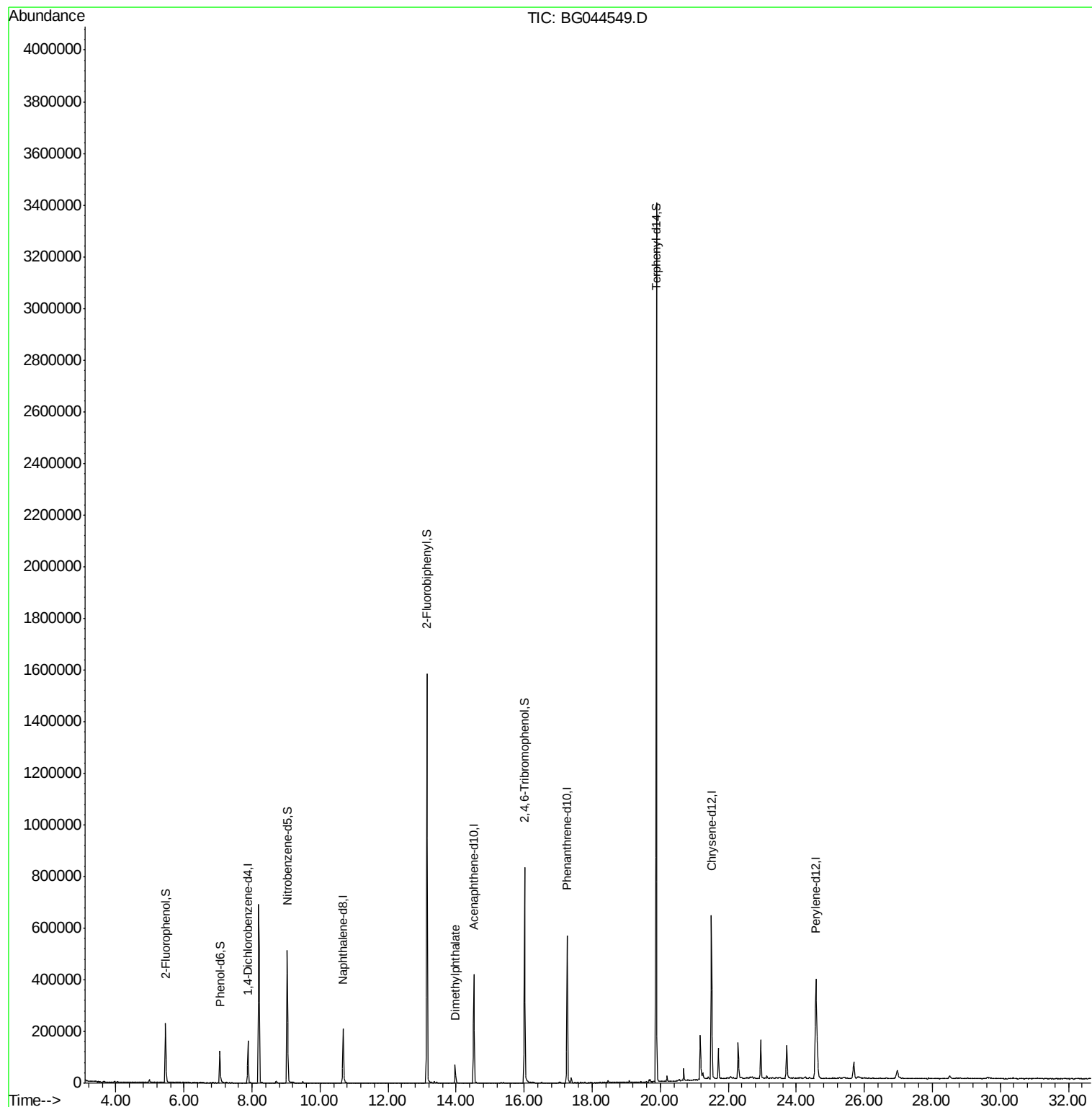
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	51368	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	213939	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	152544	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	379820	20.00	ng	0.00
76) Chrysene-d12	21.51	240	368132	20.00	ng	0.00
87) Perylene-d12	24.58	264	406489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	122494	42.09	ng	0.00
7) Phenol-d6	7.05	99	93066	23.81	ng	0.00
23) Nitrobenzene-d5	9.03	82	349512	92.23	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	187504	104.71	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	892064	97.93	ng	0.00
79) Terphenyl-d14	19.89	244	1649881	92.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.97	163	62206	5.673	ng	Qvalue 98

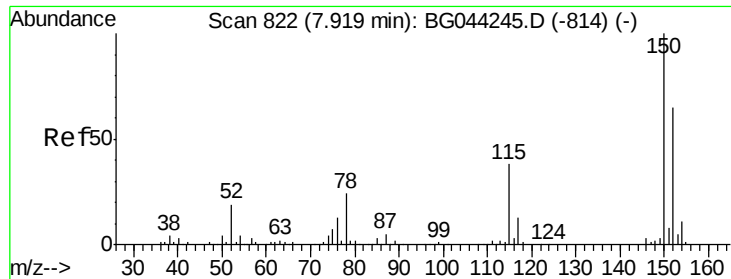
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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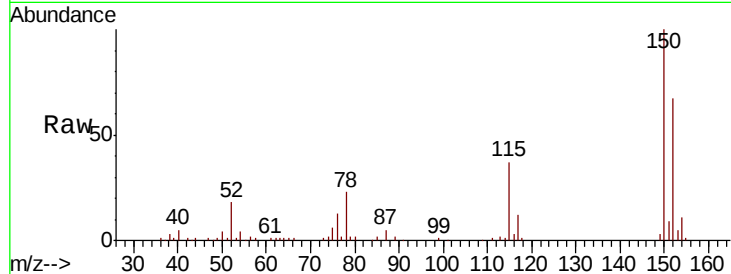


#1

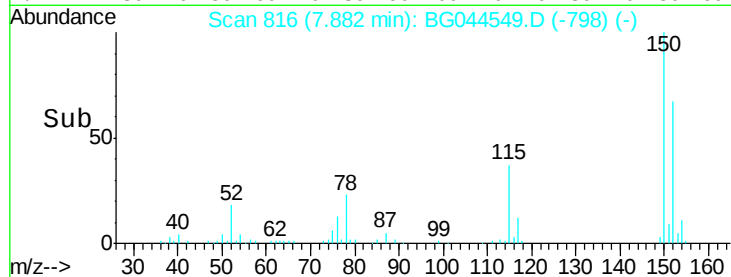
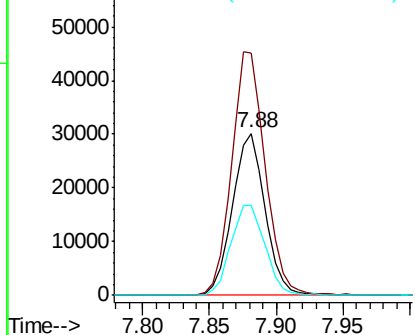
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Instrument :
BNA_G
ClientSampleId :
PB126974BL

Tot Ion:152 Resp: 51368
Ion Ratio Lower Upper
152 100
150 149.5 123.1 184.7
115 55.1 45.1 67.7



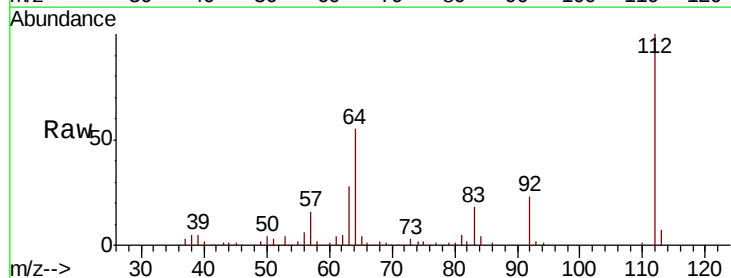
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



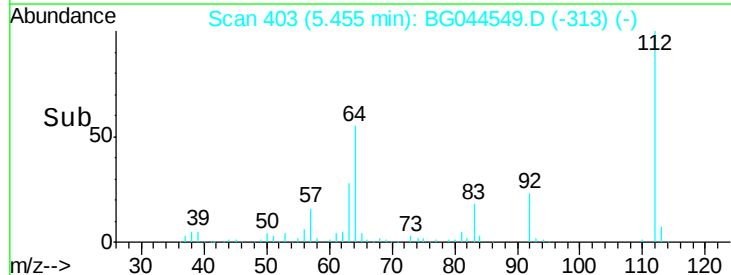
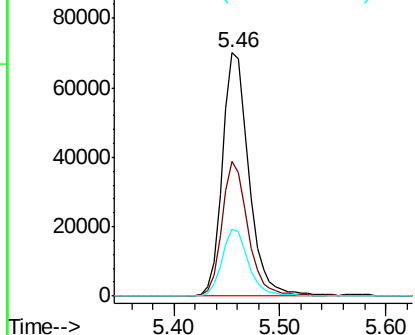
#5

2-Fluorophenol
Concen: 42.085 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Tgt Ion:112 Resp: 122494
Ion Ratio Lower Upper
112 100
64 55.1 44.5 66.7
63 27.5 22.2 33.2



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: 23.811 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampleId :

PB126974BL

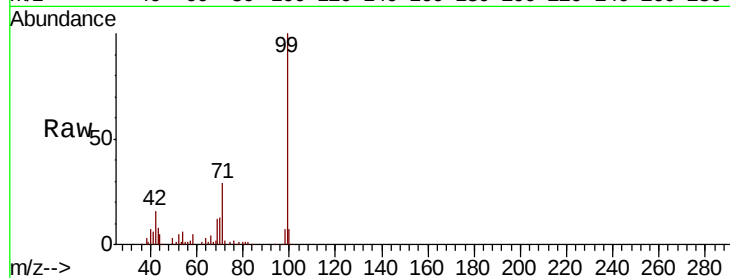
Tot Ion: 99 Resp: 93066

Ion Ratio Lower Upper

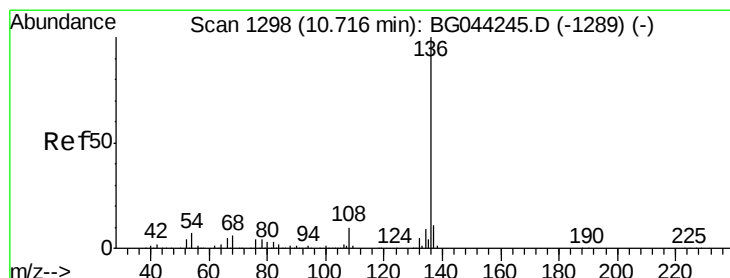
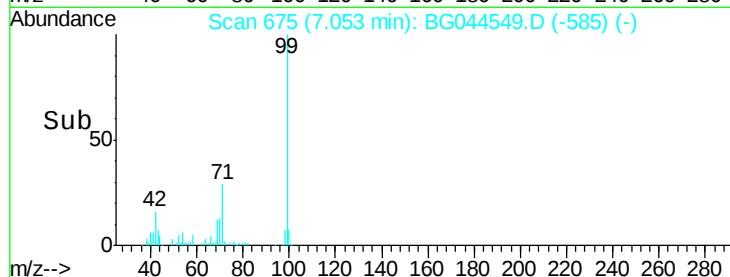
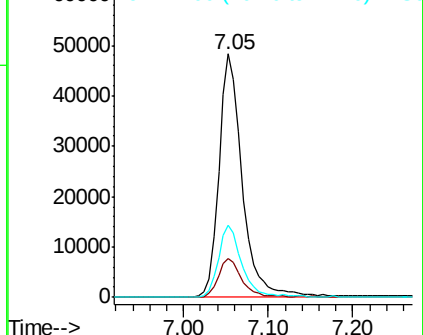
99 100

42 16.2 13.4 20.0

71 29.4 24.7 37.1



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. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Tgt Ion: 136 Resp: 213939

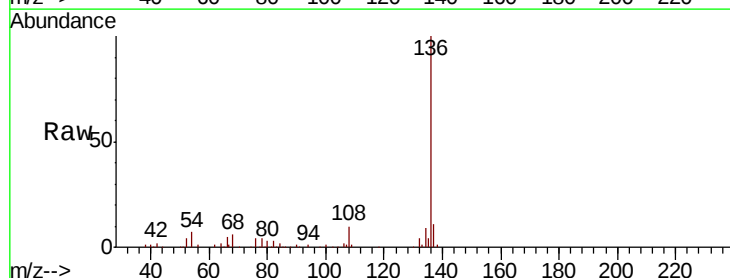
Ion Ratio Lower Upper

136 100

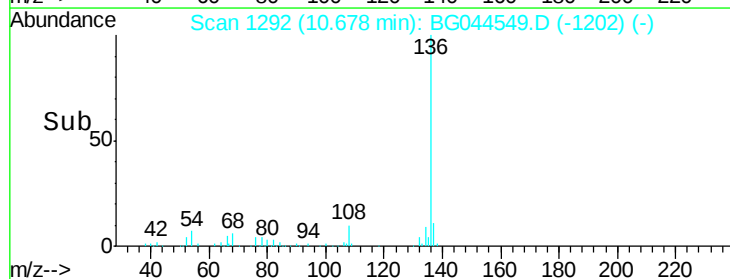
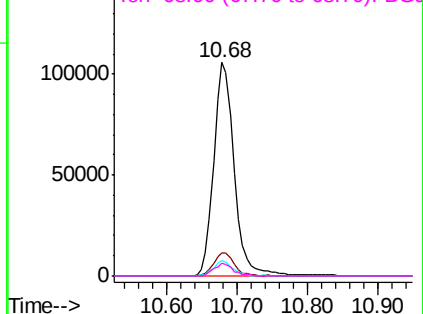
137 10.9 9.0 13.6

54 6.9 5.5 8.3

68 6.0 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

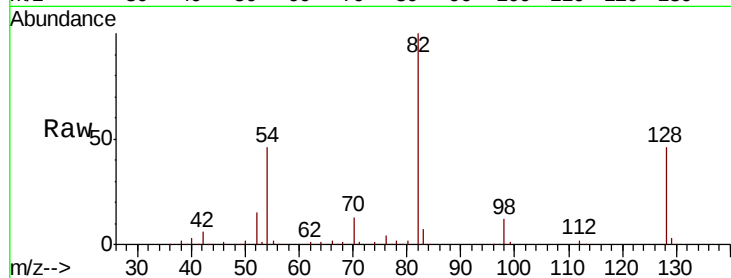




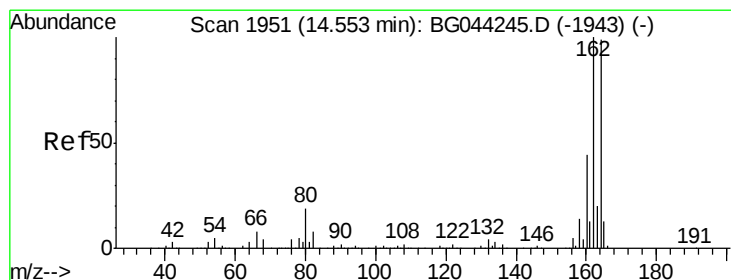
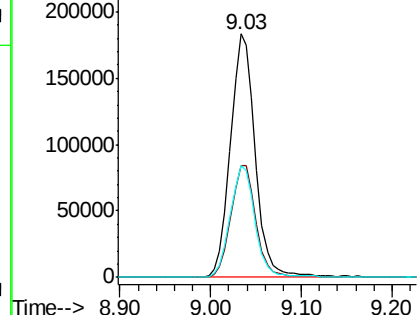
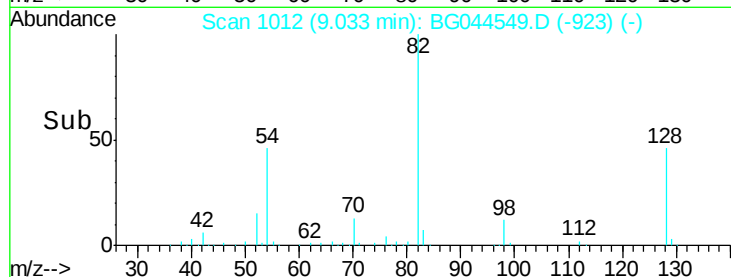
#23
 Nitrobenzene-d5
 Concen: 92.233 ng
 RT: 9.03 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB126974BL

Tot Ion	82	Resp	349512
Ion Ratio	100	Lower	Upper
128	46.0	39.1	58.7
54	45.7	37.9	56.9

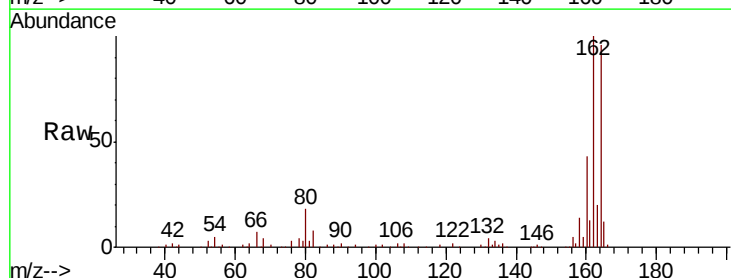


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

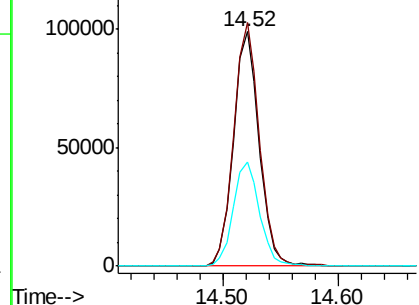
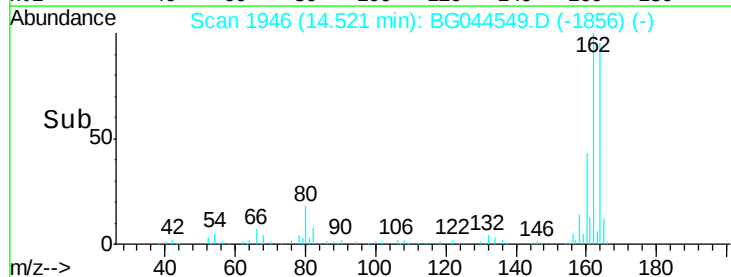


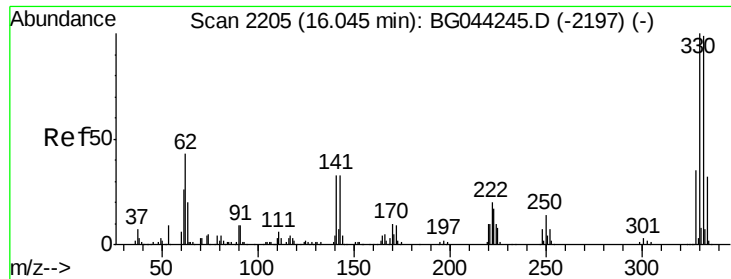
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

Tgt Ion	164	Resp	152544
Ion Ratio	100	Lower	Upper
162	103.9	81.9	122.9
160	44.6	35.5	53.3



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: 104.705 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

Instrument :

BNA_G

ClientSampleId :

PB126974BL

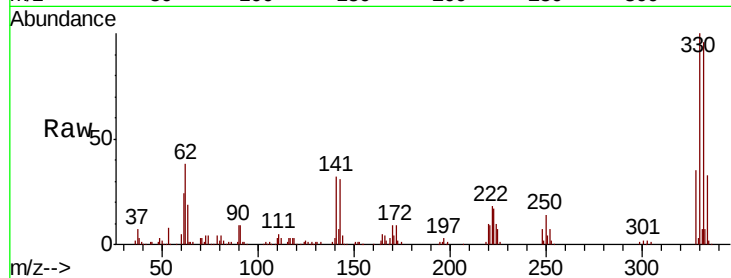
Tot Ion:330 Resp: 187504

Ion Ratio Lower Upper

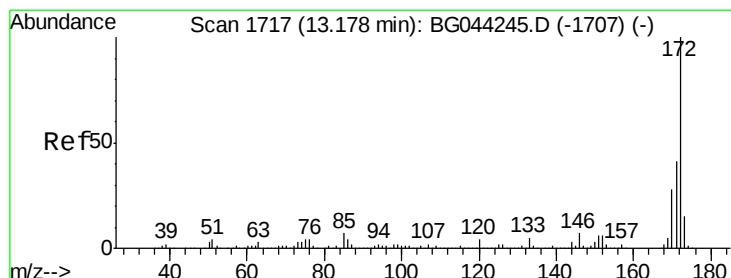
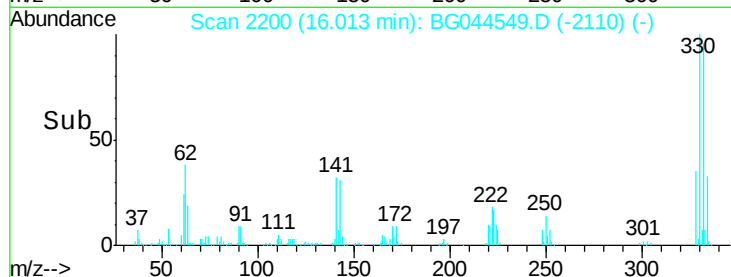
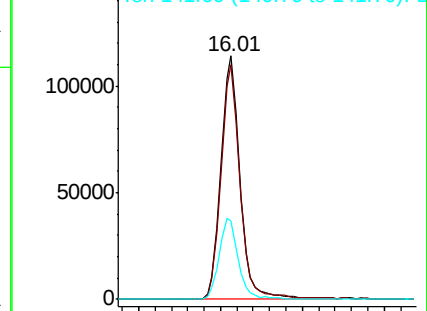
330 100

332 96.2 76.6 115.0

141 33.7 26.5 39.7



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: 97.926 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG044549.D

Acq: 21 Feb 2020 14:55

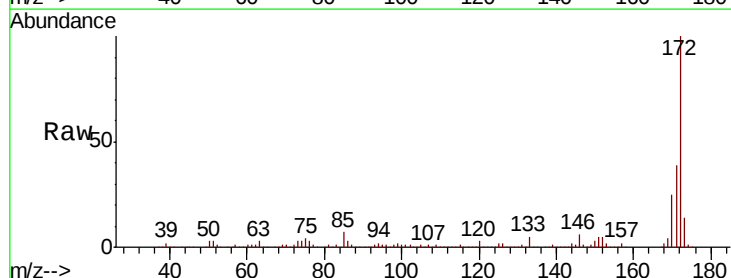
Tgt Ion:172 Resp: 892064

Ion Ratio Lower Upper

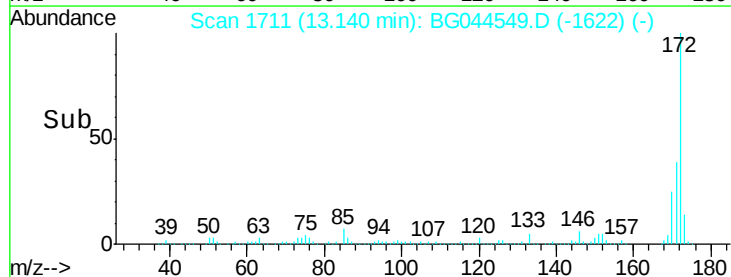
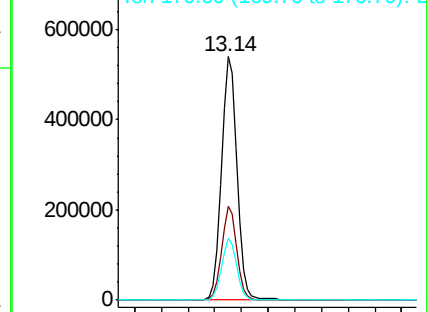
172 100

171 38.5 32.3 48.5

170 25.4 21.6 32.4



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

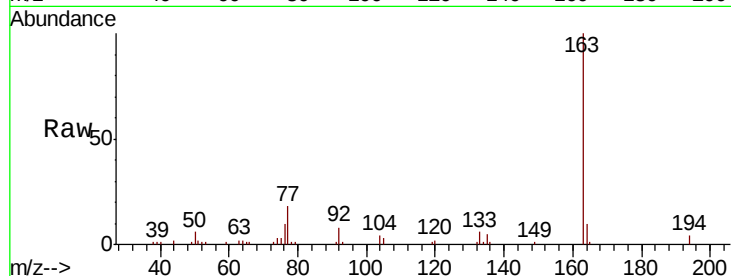




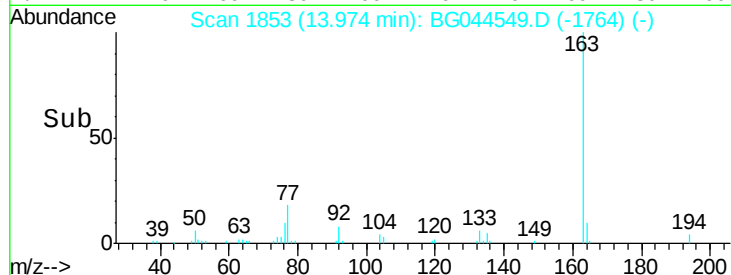
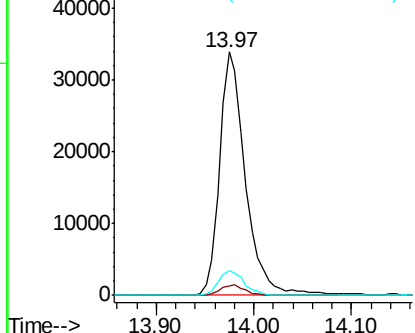
#50
Dimethylphthalate
Concen: 5.673 ng
RT: 13.97 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Instrument :
BNA_G
ClientSampleId :
PB126974BL

Tot Ion:163 Resp: 62206
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.4 8.9 13.3

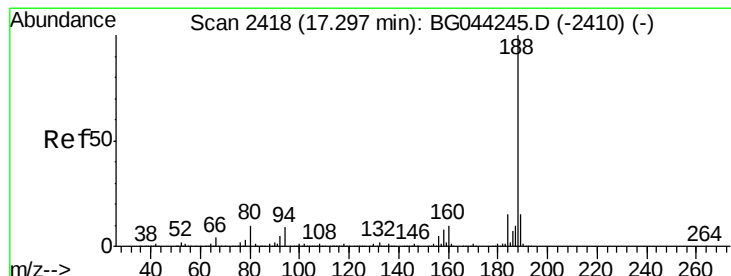


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

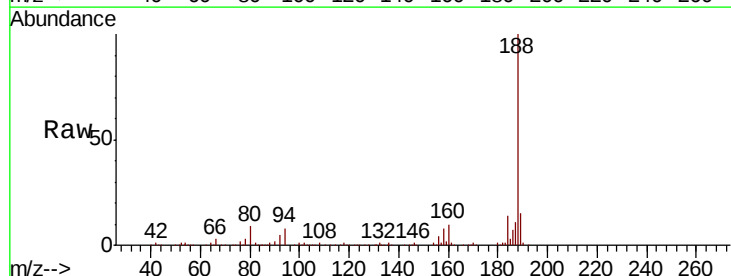
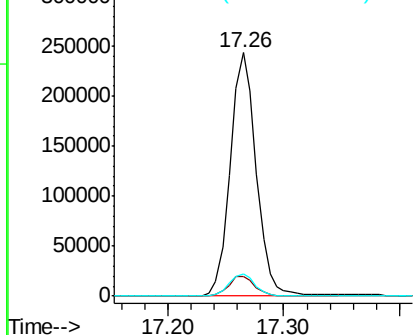


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044549.D
Acq: 21 Feb 2020 14:55

Tgt Ion:188 Resp: 379820
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 9.2 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

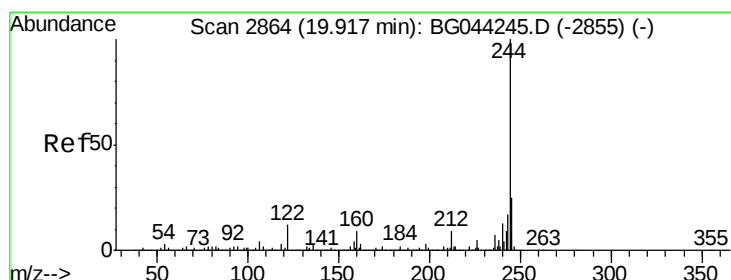
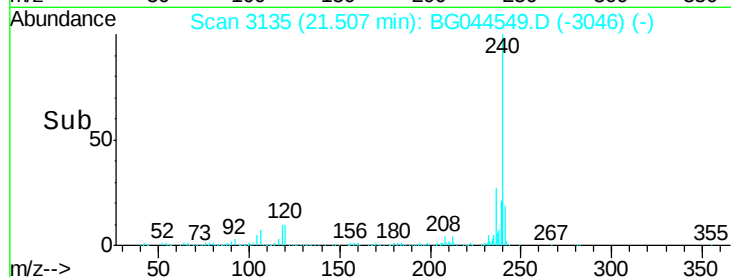
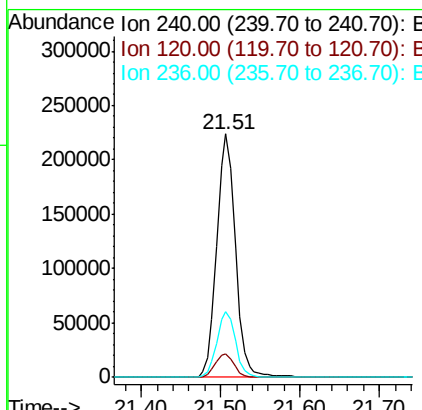
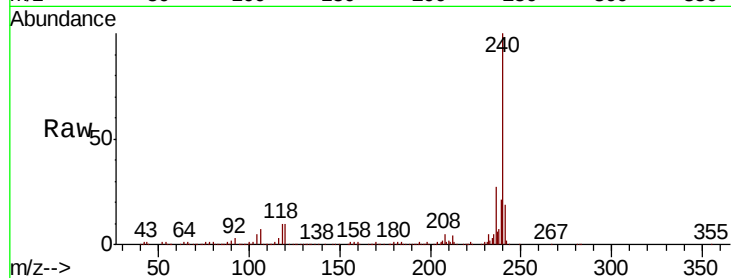




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3135
 Delta R.T. -0.01 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

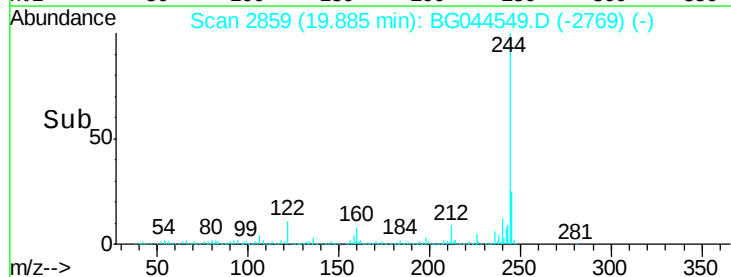
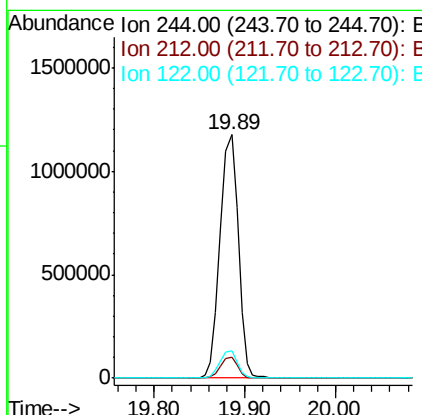
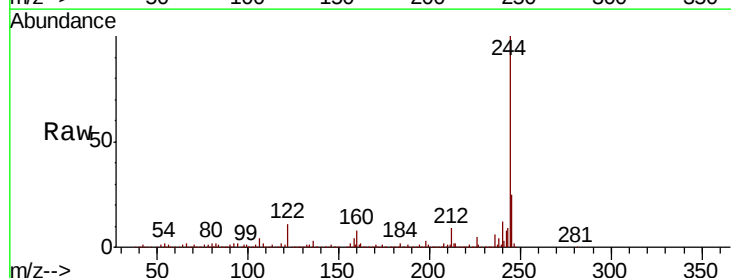
Instrument :
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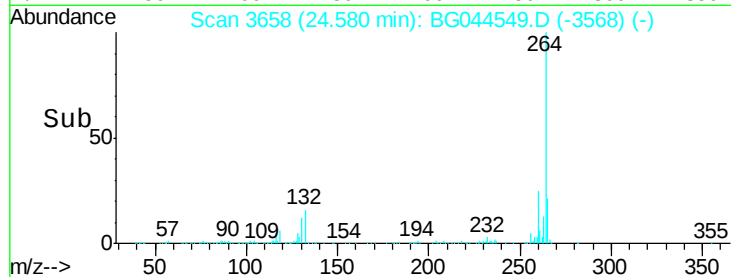
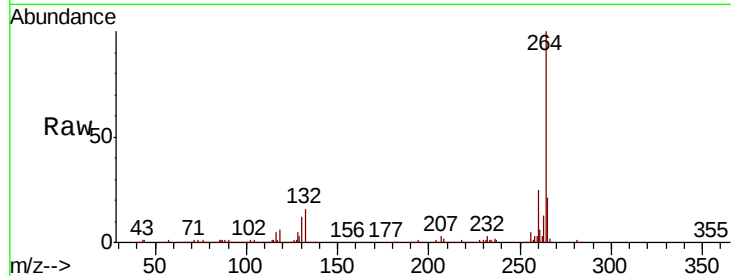
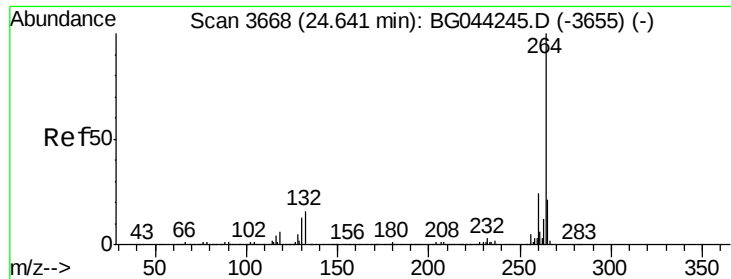
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.2	12.2
236	27.0	22.0	33.0



#79
 Terphenyl-d14
 Concen: 92.184 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	11.0	9.8	14.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: BG044549.D
 Acq: 21 Feb 2020 14:55

Instrument :
 BNA_G
 ClientSampleId :
 PB126974BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.4	17.6	26.4

