

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044336.D
 Acq On : 7 Feb 2020 14:20
 Operator : CG/JU
 Sample : L1431-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11986

Quant Time: Feb 08 02:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

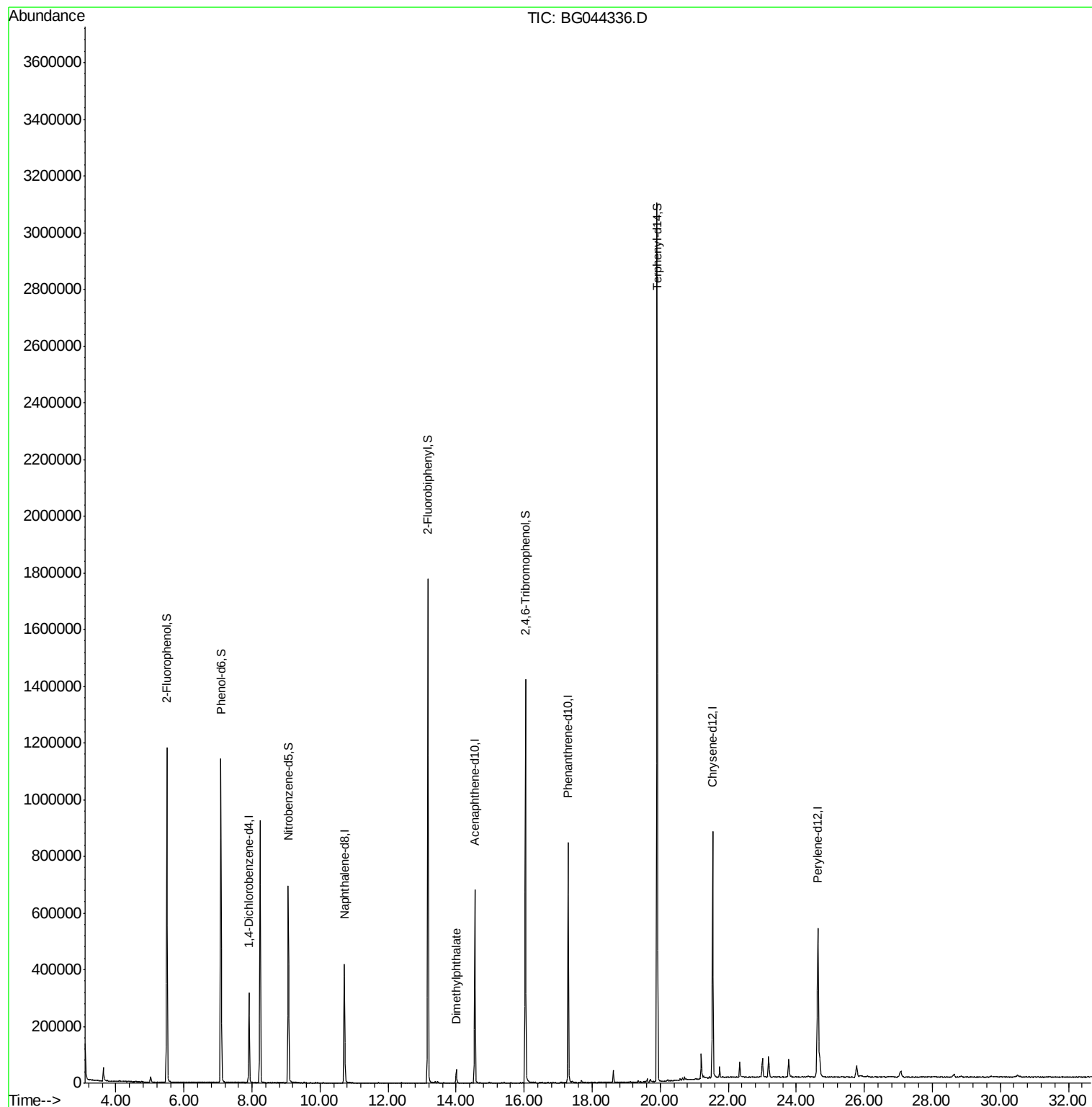
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	97810	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	395958	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	248930	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	545686	20.00	ng	0.00
76) Chrysene-d12	21.54	240	502997	20.00	ng	0.00
87) Perylene-d12	24.63	264	555102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	584497	105.46	ng	0.00
7) Phenol-d6	7.09	99	746210	100.27	ng	0.00
23) Nitrobenzene-d5	9.07	82	449397	64.08	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	275463	94.26	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	969701	65.23	ng	0.00
79) Terphenyl-d14	19.91	244	1494569	61.12	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	41291	2.308	ng	Qvalue 98

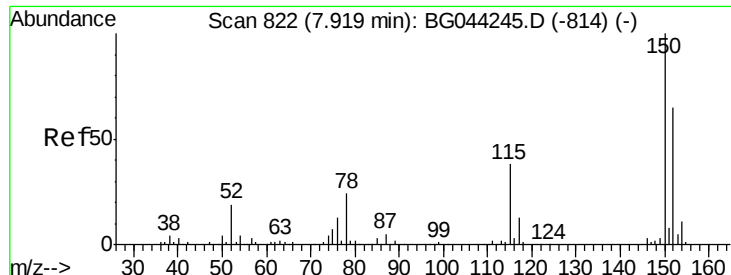
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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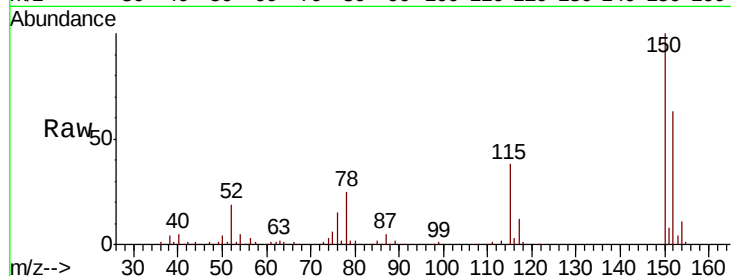


#1

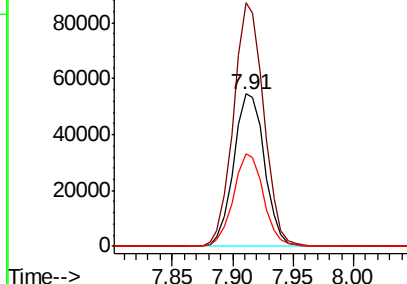
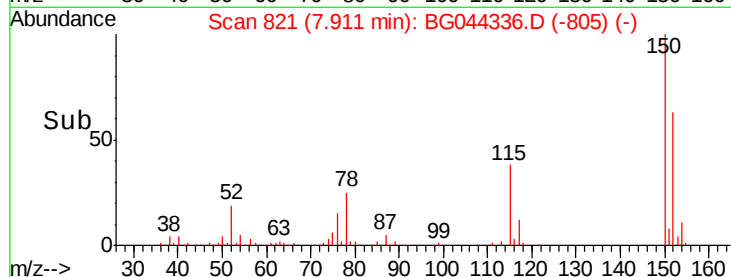
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Instrument :
 BNA_G
 ClientSampled :
 72-11986

Tot Ion:152 Resp: 97810
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.6 183.8
 115 61.1 46.0 69.0



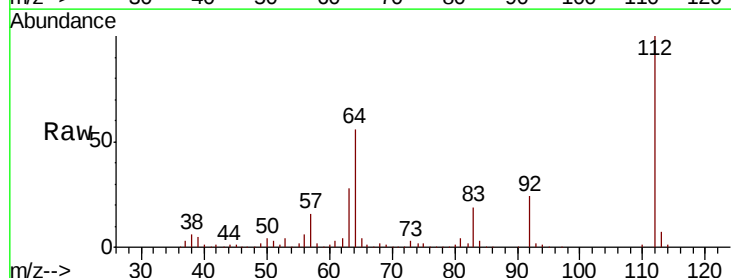
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



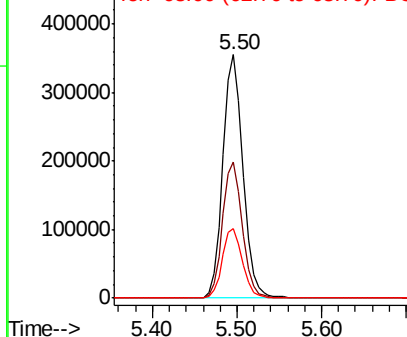
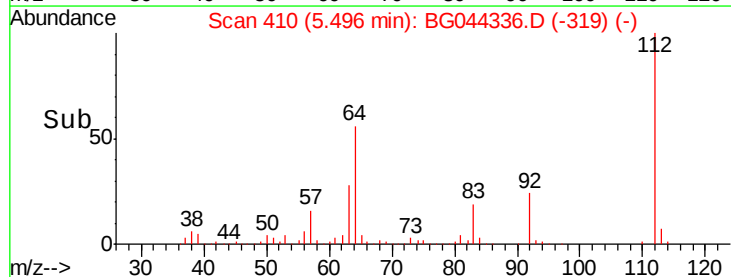
#5

2-Fluorophenol
 Concen: 105.464 ng
 RT: 5.50 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tgt Ion:112 Resp: 584497
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.4 68.2
 63 28.3 22.9 34.3



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: 100.267 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

Instrument :

BNA_G

ClientSampled :

72-11986

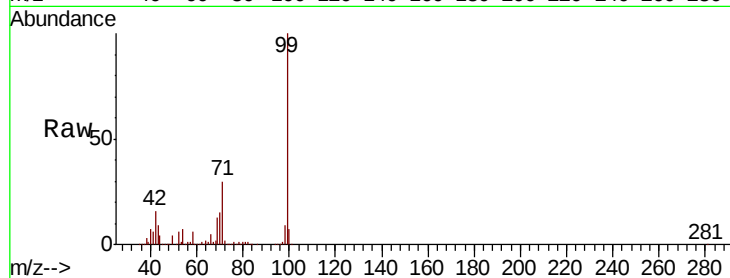
Tot Ion: 99 Resp: 746210

Ion Ratio Lower Upper

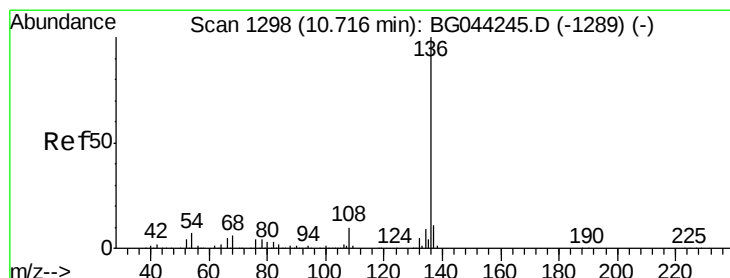
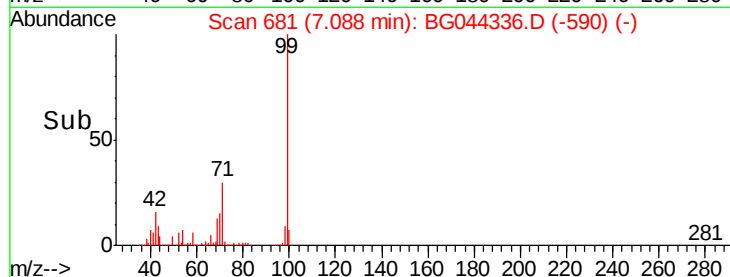
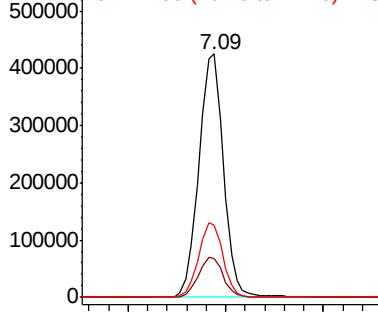
99 100

42 16.1 13.8 20.6

71 29.8 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: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

Tgt Ion: 136 Resp: 395958

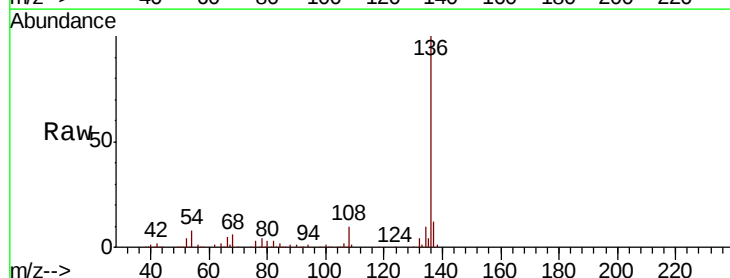
Ion Ratio Lower Upper

136 100

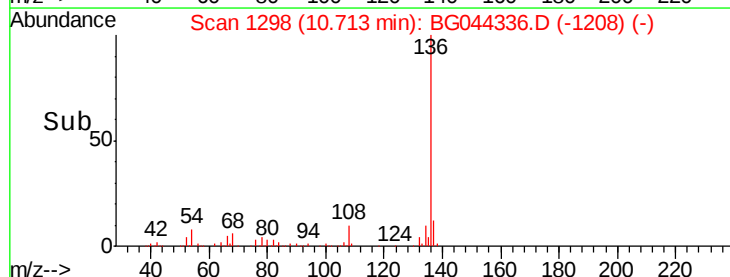
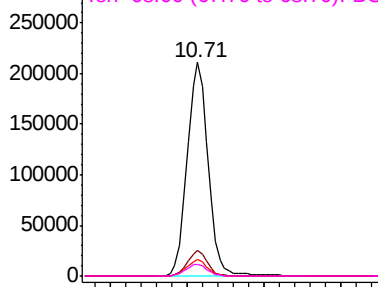
137 11.8 8.8 13.2

54 7.6 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

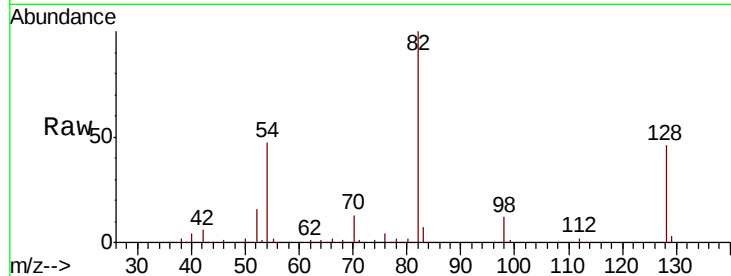




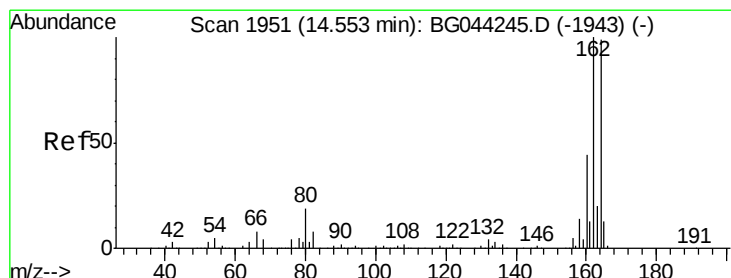
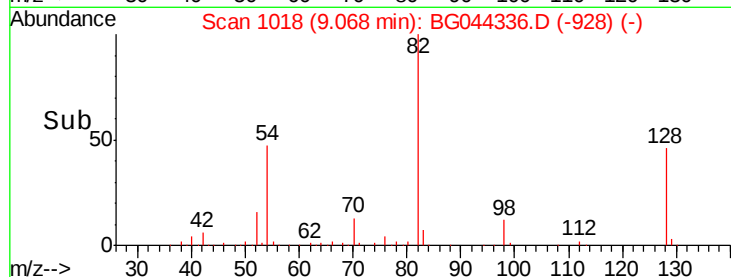
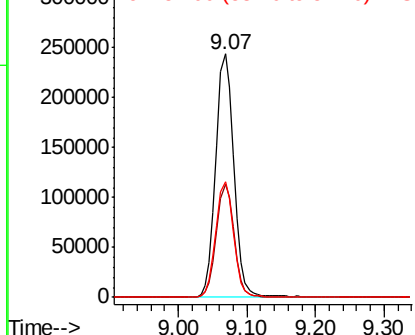
#23
 Nitrobenzene-d5
 Concen: 64.076 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Instrument :
 BNA_G
 ClientSampleId :
 72-11986

Tot Ion	82	Resp	449397
Ion Ratio	100		
Lower	36.5		
Upper	54.7		
54	47.3	38.6	58.0

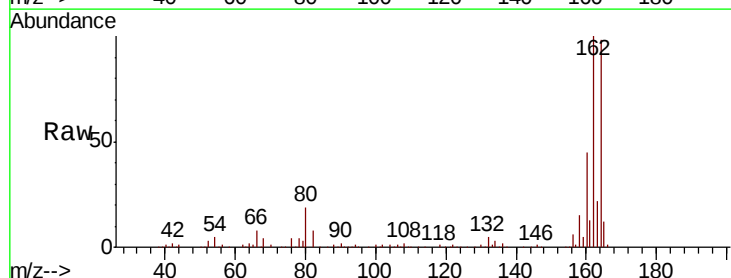


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

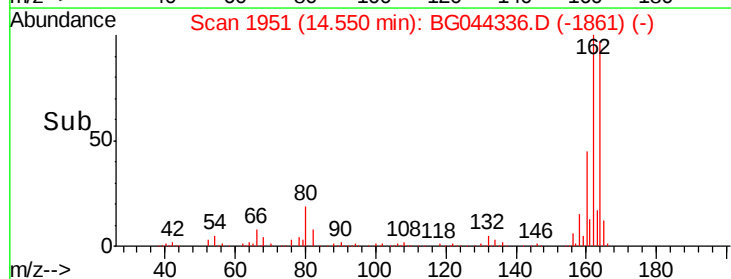
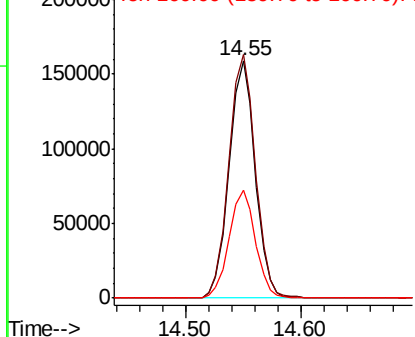


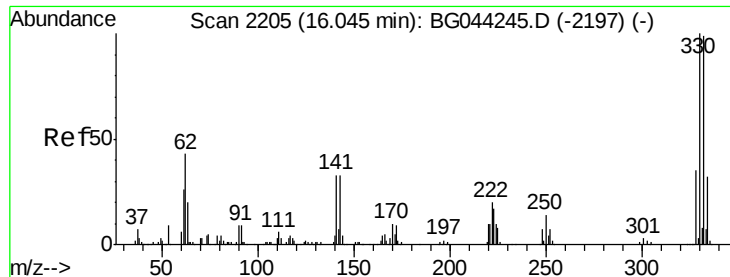
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tgt Ion	164	Resp	248930
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.7</td> <td></td> <td></td>	80.7		
Upper <td>121.1</td> <td></td> <td></td>	121.1		
162	102.5	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: 94.263 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

Instrument :

BNA_G

ClientSampleId :

72-11986

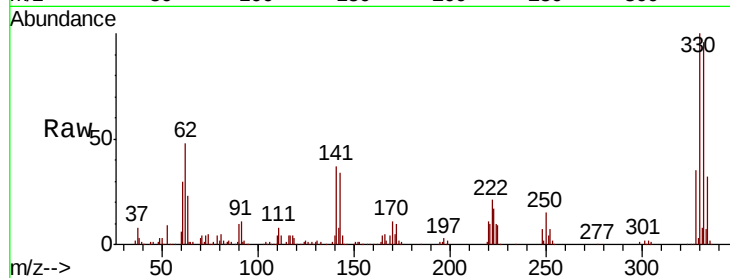
Tot Ion:330 Resp: 275463

Ion Ratio Lower Upper

330 100

332 94.9 77.2 115.8

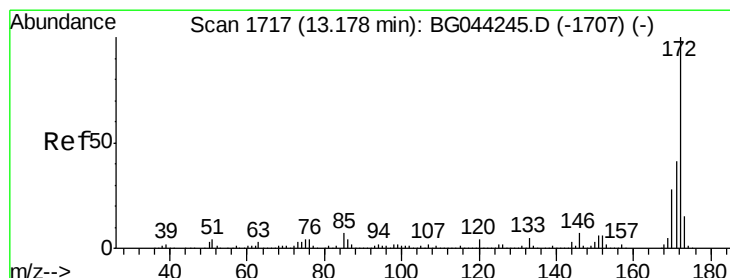
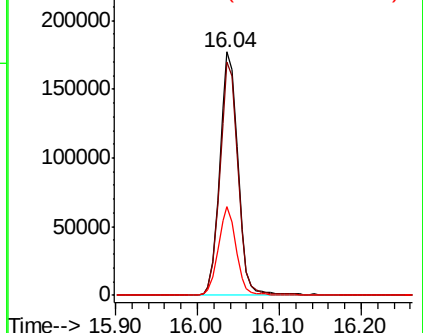
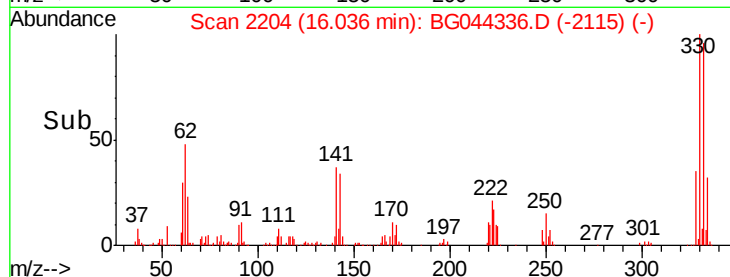
141 35.7 28.3 42.5



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: 65.232 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

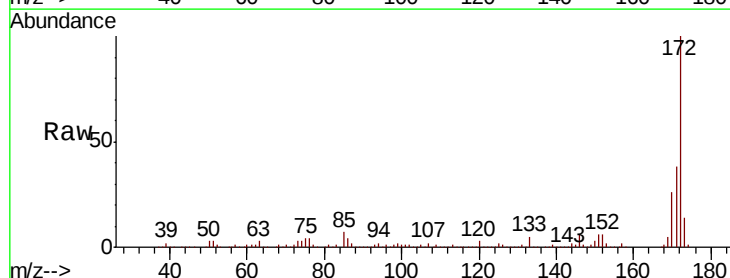
Tgt Ion:172 Resp: 969701

Ion Ratio Lower Upper

172 100

171 38.4 32.9 49.3

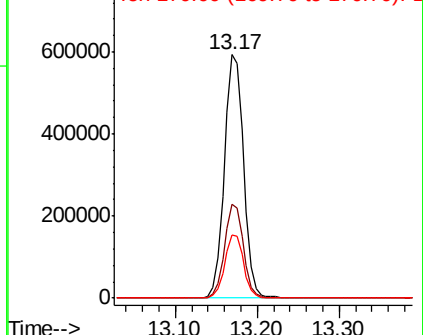
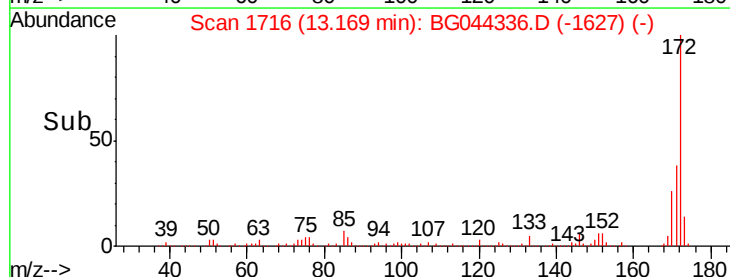
170 26.1 22.0 33.0



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: 2.308 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

Instrument :

BNA_G

ClientSampleId :

72-11986

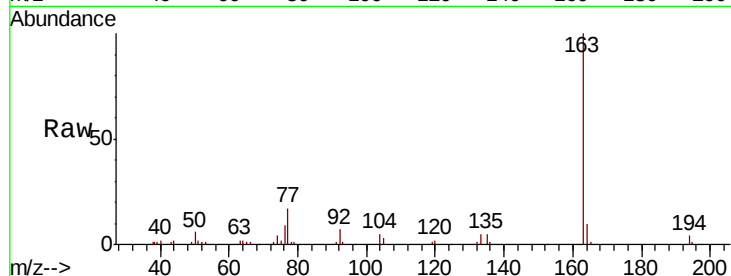
Tot Ion:163 Resp: 41291

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

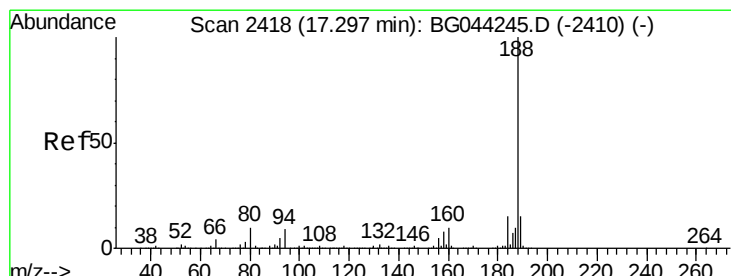
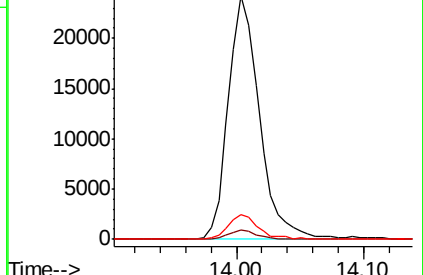
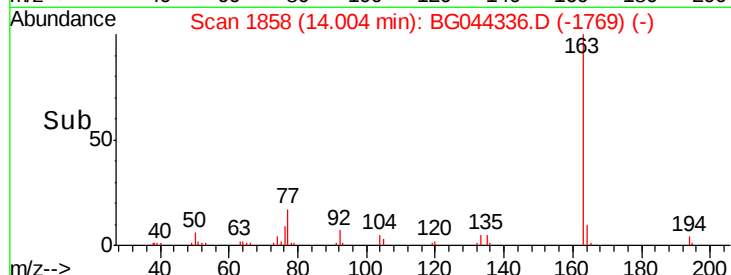
164 10.3 8.7 13.1



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: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044336.D

Acq: 7 Feb 2020 14:20

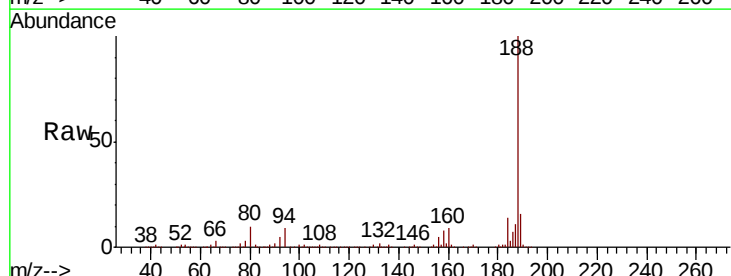
Tgt Ion:188 Resp: 545686

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

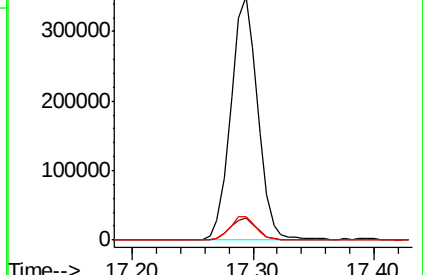
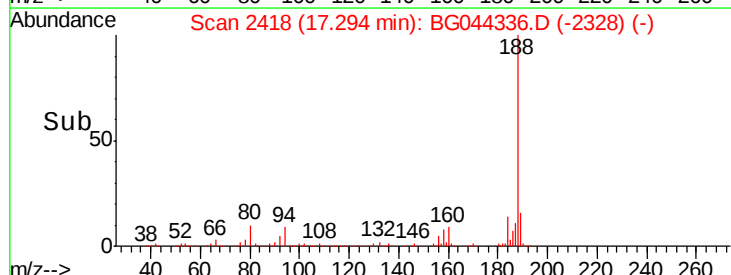
80 9.6 7.7 11.5

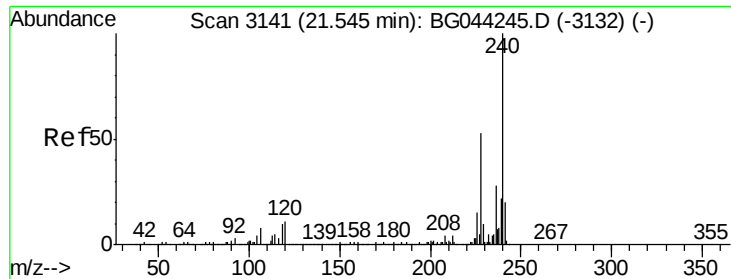


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

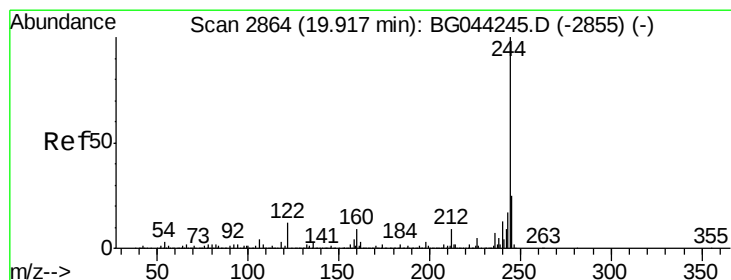
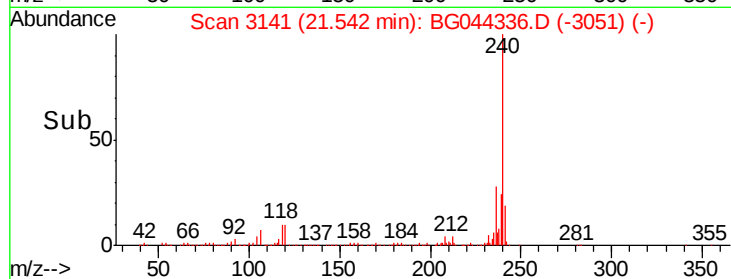
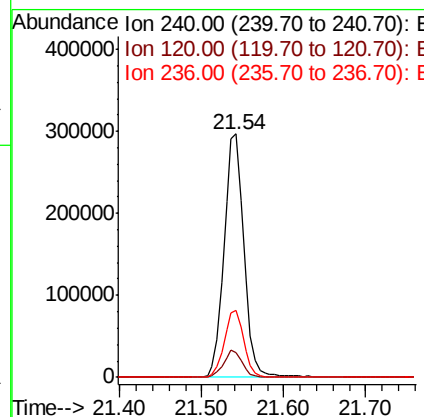
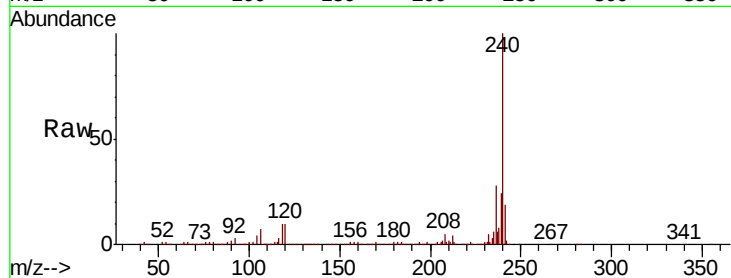




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

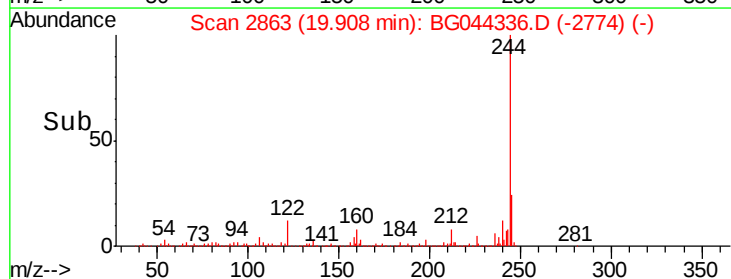
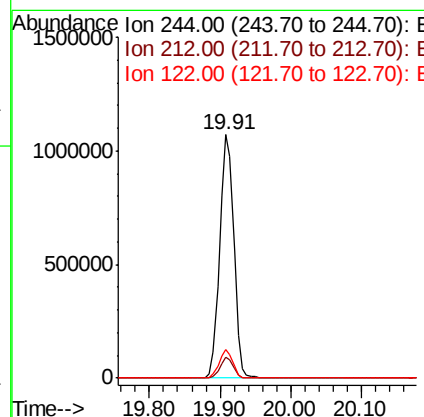
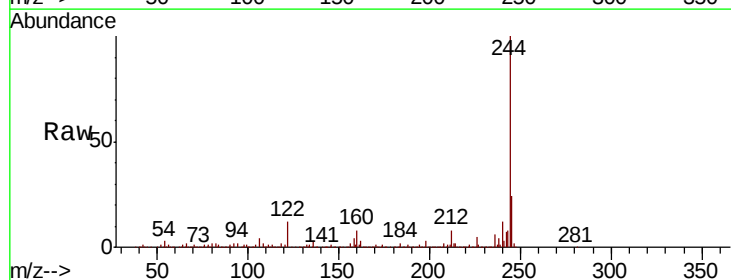
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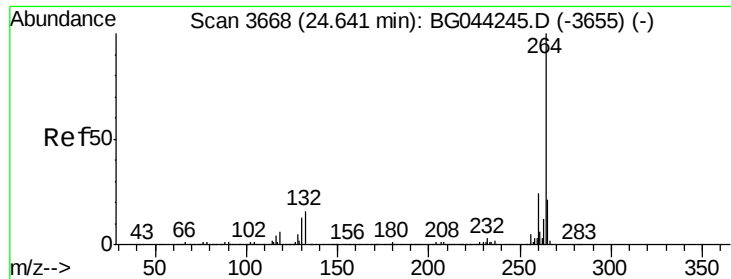
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.6	22.1	33.1



#79
 Terphenyl-d14
 Concen: 61.116 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044336.D
 Acq: 7 Feb 2020 14:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.8	9.8	14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG044336.D
Acq: 7 Feb 2020 14:20

Instrument :
BNA_G
ClientSampleId :
72-11986

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.1	16.7	25.1

