

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044305.D
 Acq On : 5 Feb 2020 15:28
 Operator : CG/JU
 Sample : L1377-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-02032020

Quant Time: Feb 06 01:24:47 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

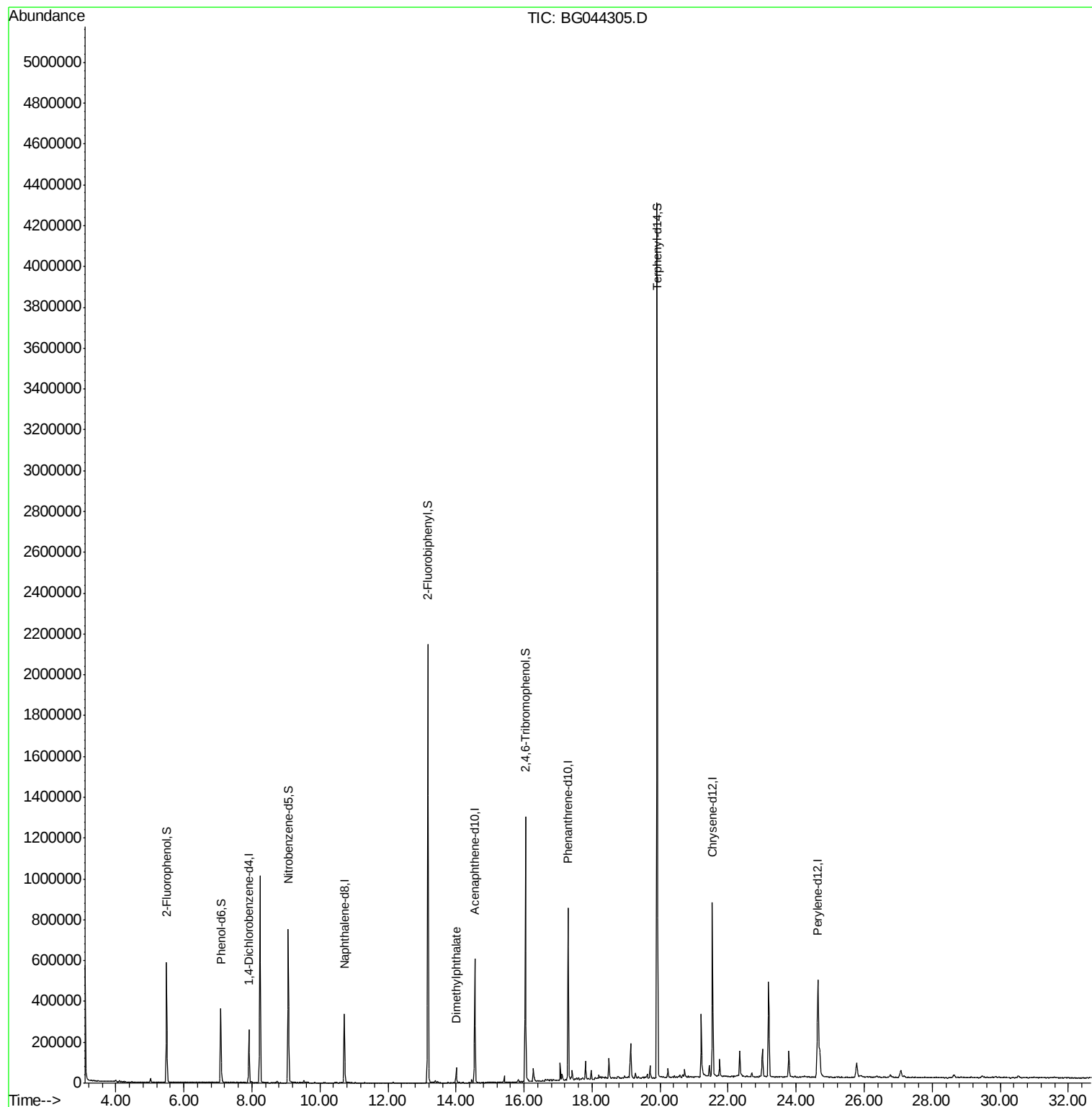
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	78165	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	318930	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	222397	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	534823	20.00	ng	0.00
76) Chrysene-d12	21.54	240	490478	20.00	ng	0.00
87) Perylene-d12	24.64	264	545038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	296094	66.85	ng	0.00
7) Phenol-d6	7.09	99	245283	41.24	ng	0.00
23) Nitrobenzene-d5	9.07	82	510469	90.36	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	257435	98.60	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1166126	87.80	ng	0.00
79) Terphenyl-d14	19.91	244	2052250	86.06	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.01	163	60741	3.800	ng	Qvalue 98

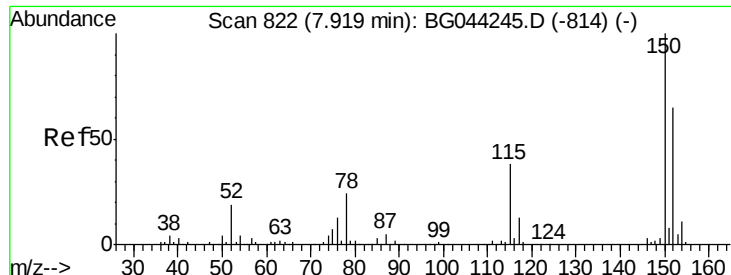
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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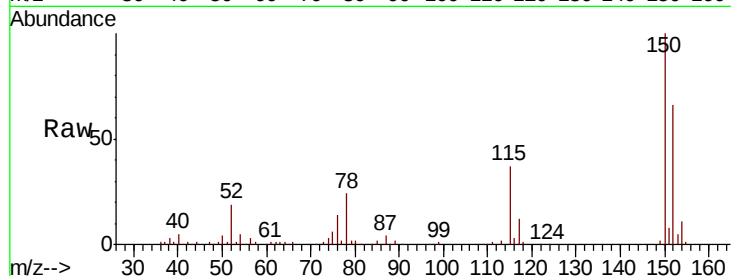


#1

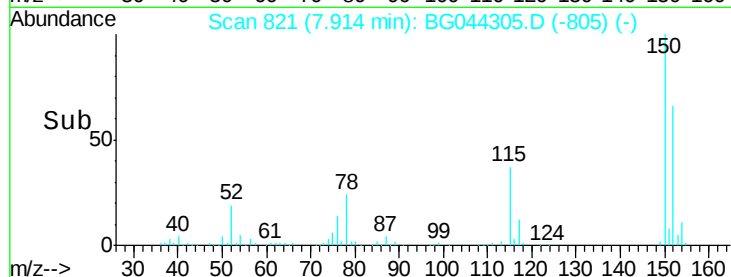
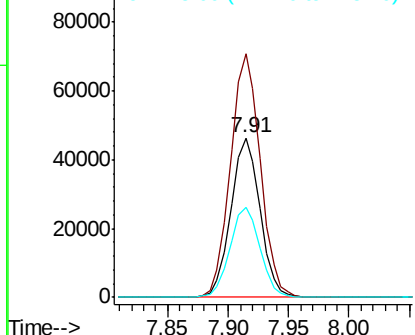
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044305.D
 Acq: 5 Feb 2020 15:28

Instrument :
 BNA_G
 ClientSampleId :
 FB-02032020

Tot Ion:152 Resp: 78165
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.6 183.8
 115 56.4 46.0 69.0



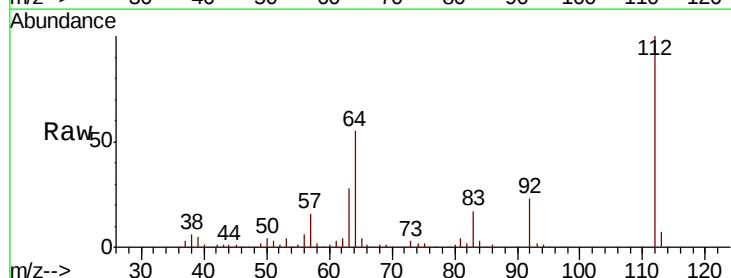
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



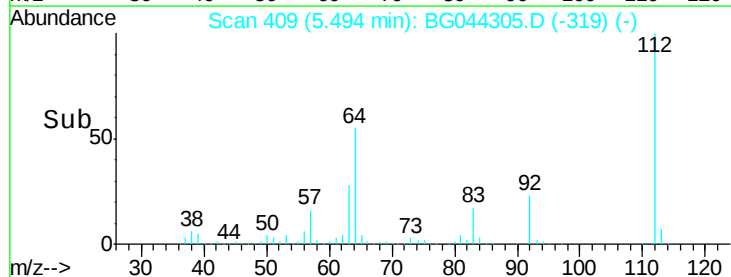
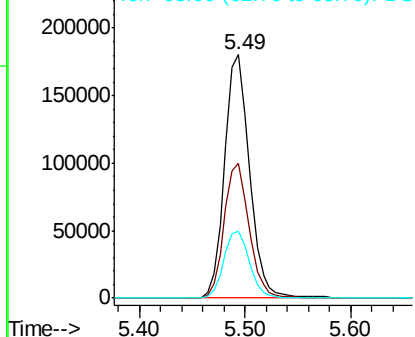
#5

2-Fluorophenol
 Concen: 66.853 ng
 RT: 5.49 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BG044305.D
 Acq: 5 Feb 2020 15:28

Tgt Ion:112 Resp: 296094
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.4 68.2
 63 27.6 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: 41.241 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

FB-02032020

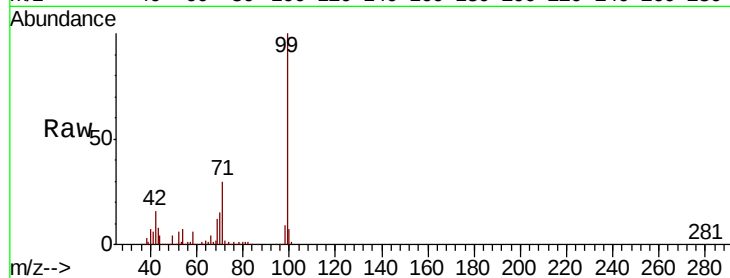
Tot Ion: 99 Resp: 245283

Ion Ratio Lower Upper

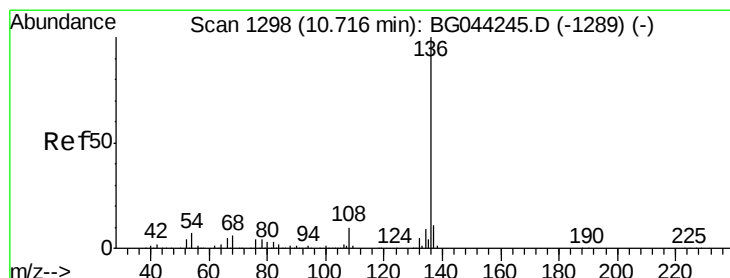
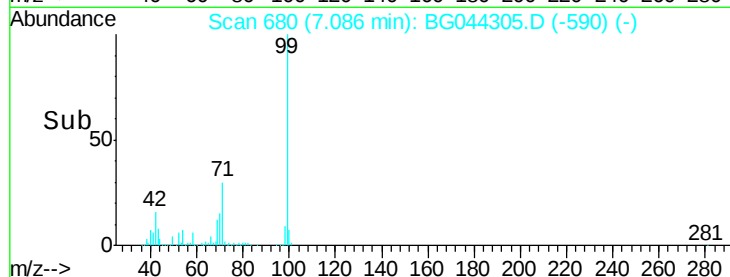
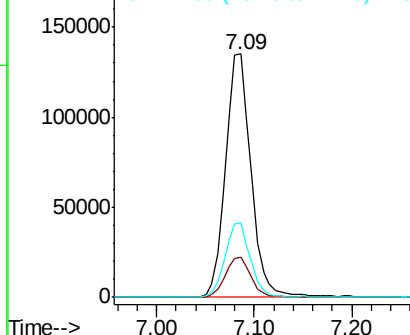
99 100

42 16.4 13.8 20.6

71 30.5 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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Tgt Ion: 136 Resp: 318930

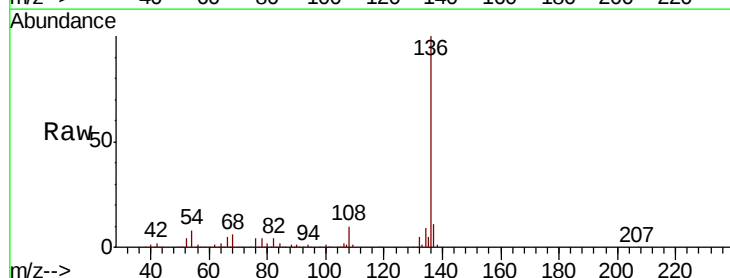
Ion Ratio Lower Upper

136 100

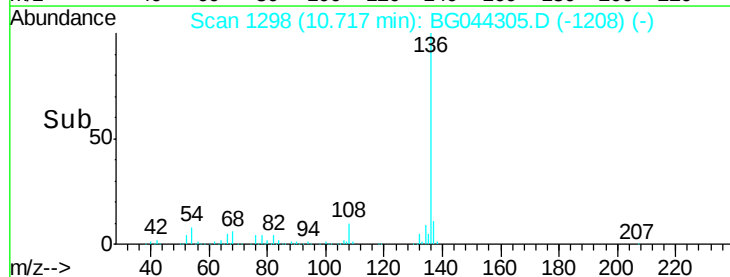
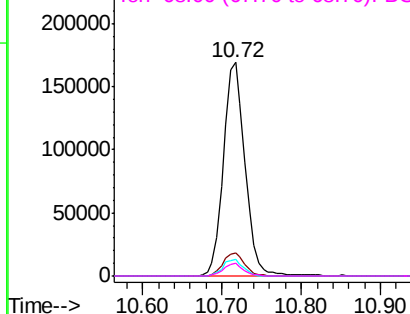
137 11.1 8.8 13.2

54 7.6 5.8 8.8

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

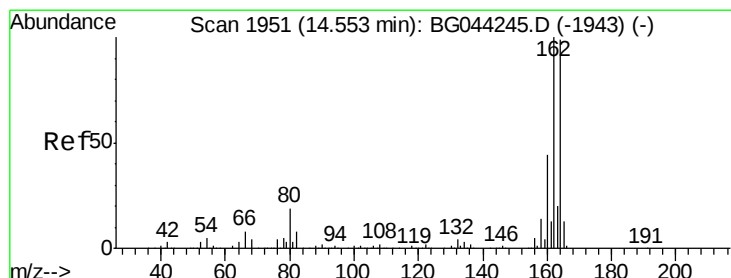
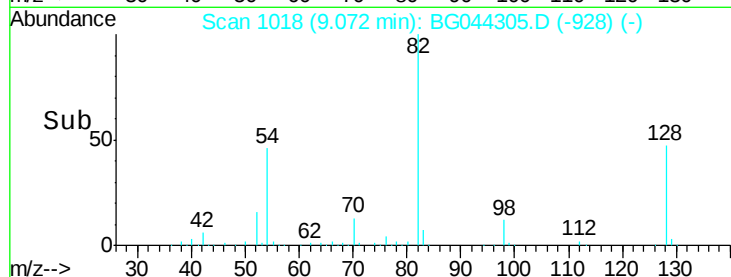
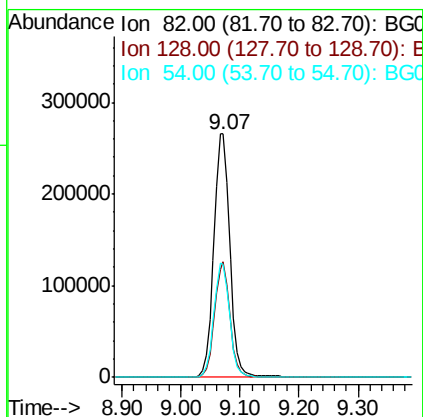
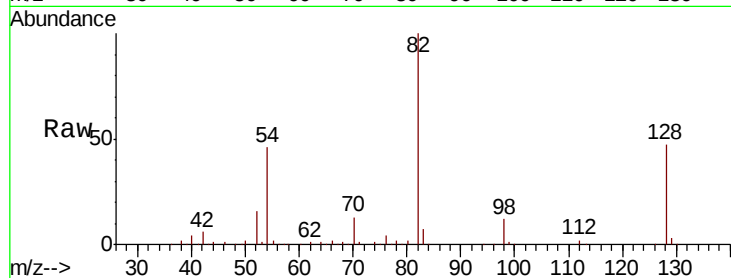




#23
Nitrobenzene-d5
Concen: 90.362 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

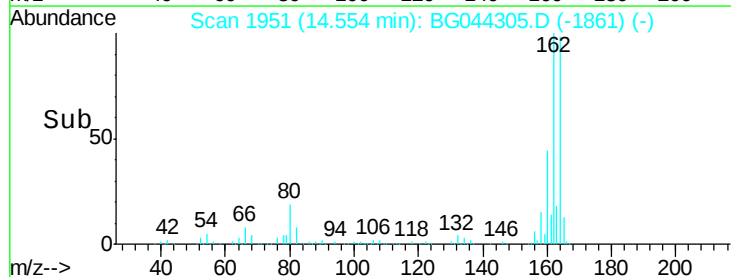
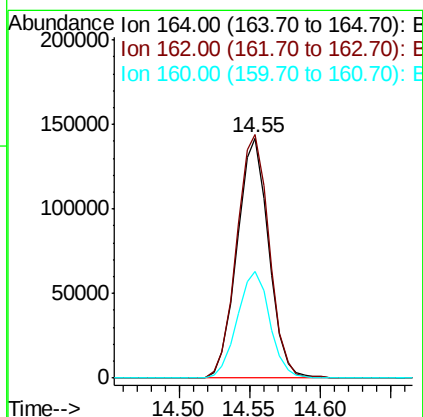
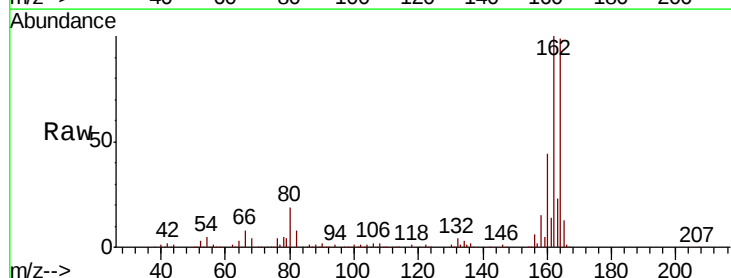
Instrument :
BNA_G
ClientSampleId :
FB-02032020

Tot Ion: 82 Resp: 510469
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 46.3 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044305.D
Acq: 5 Feb 2020 15:28

Tgt Ion: 164 Resp: 222397
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 98.603 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

FB-02032020

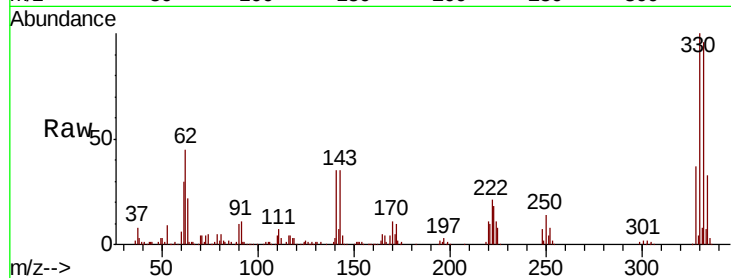
Tot Ion:330 Resp: 257435

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

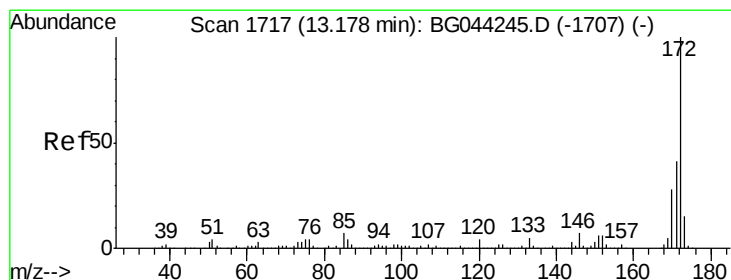
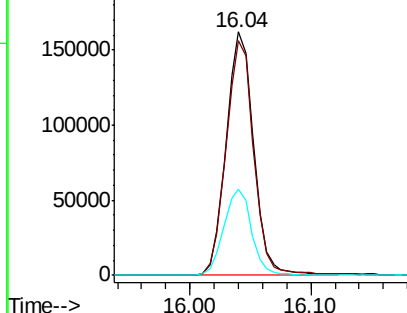
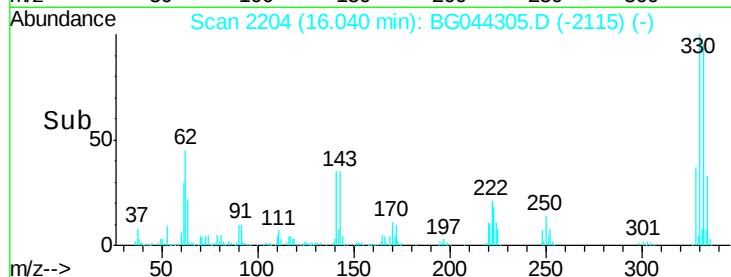
141 35.8 28.3 42.5



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: 87.804 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

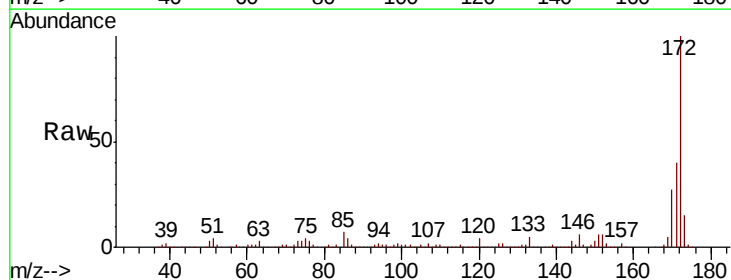
Tgt Ion:172 Resp: 1166126

Ion Ratio Lower Upper

172 100

171 39.8 32.9 49.3

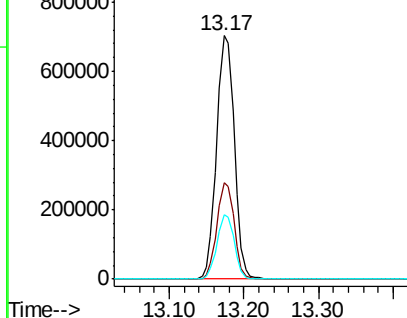
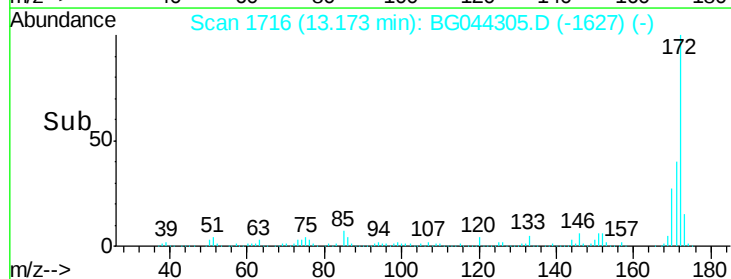
170 26.5 22.0 33.0



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: 3.800 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

FB-02032020

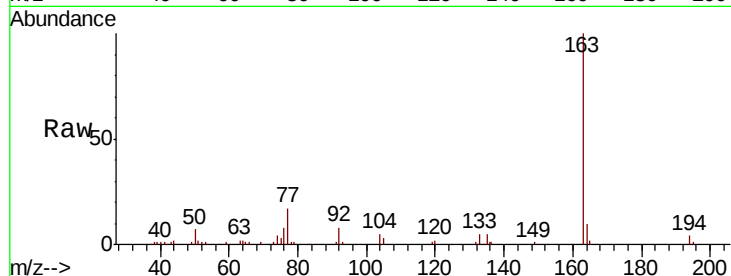
Tot Ion:163 Resp: 60741

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

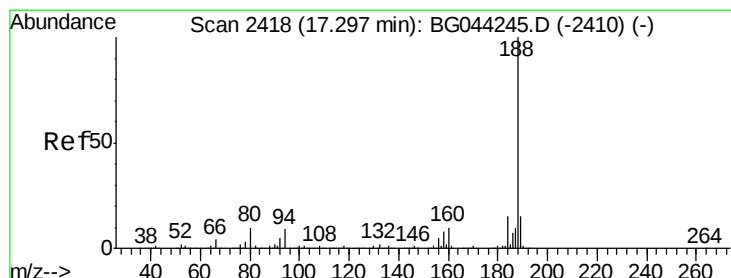
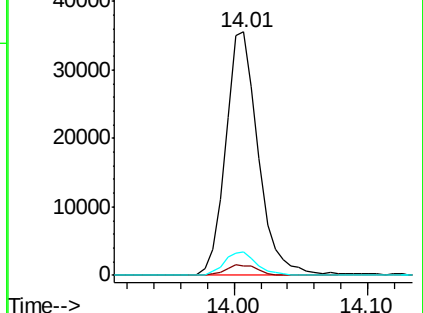
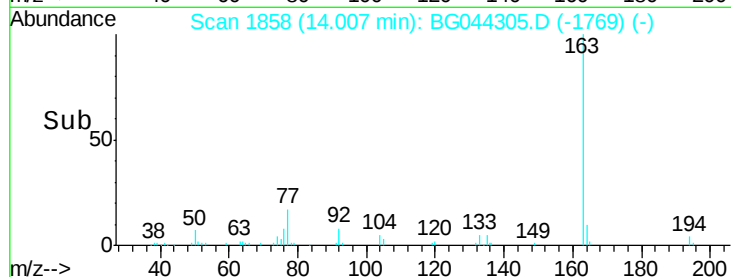
164 9.9 8.7 13.1



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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

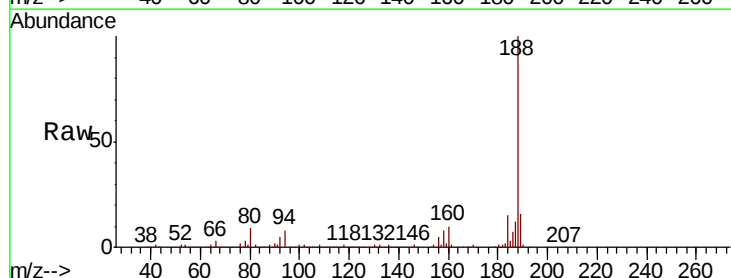
Tgt Ion:188 Resp: 534823

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

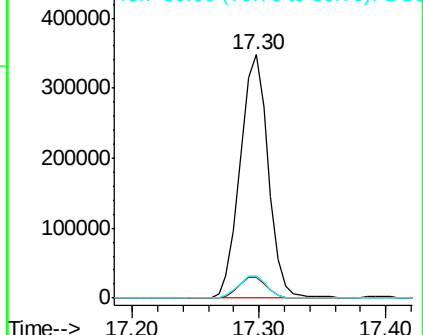
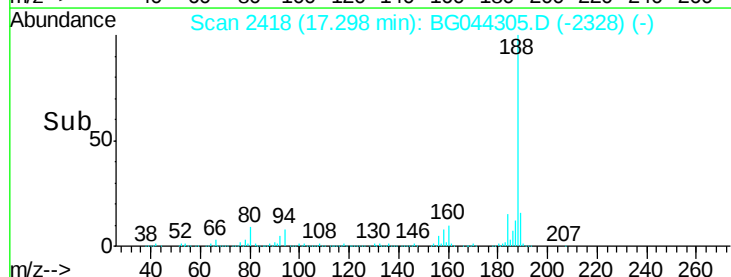
80 9.3 7.7 11.5



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: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

Instrument :

BNA_G

ClientSampleId :

FB-02032020

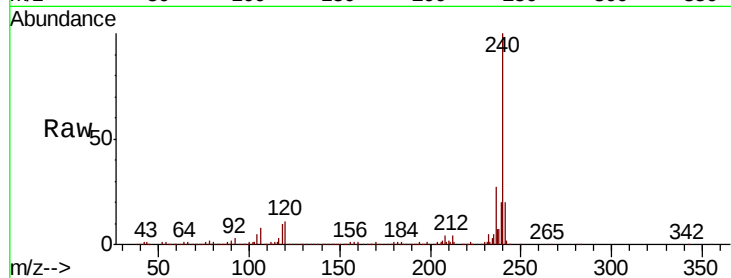
Tot Ion:240 Resp: 490478

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

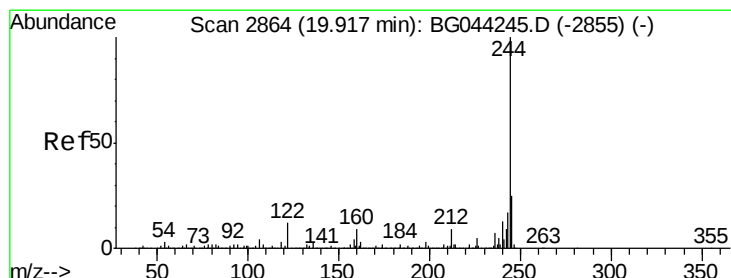
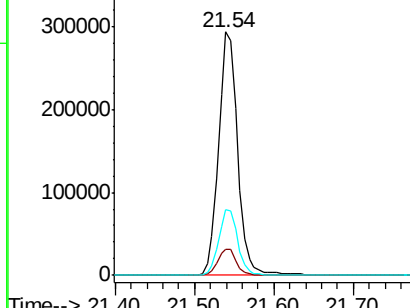
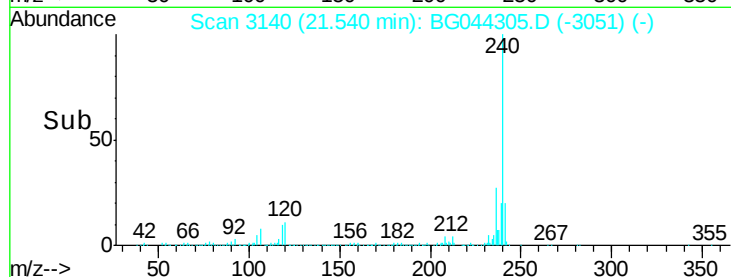
236 27.1 22.1 33.1



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: 86.063 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044305.D

Acq: 5 Feb 2020 15:28

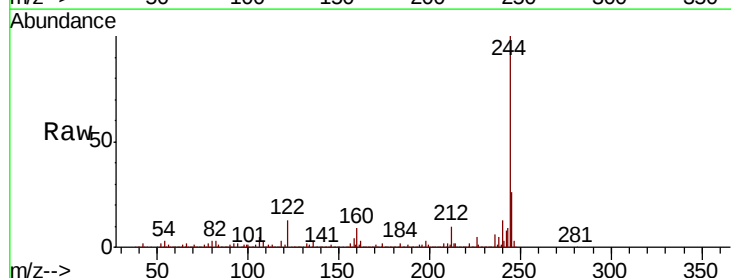
Tgt Ion:244 Resp: 2052250

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

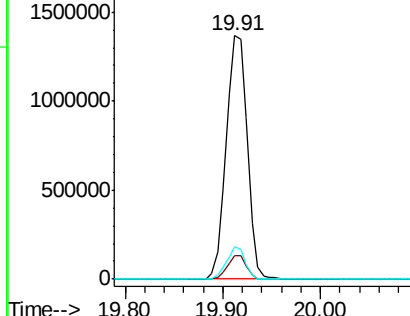
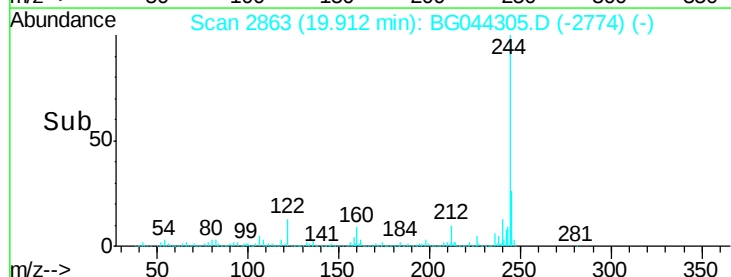
122 13.2 9.8 14.6

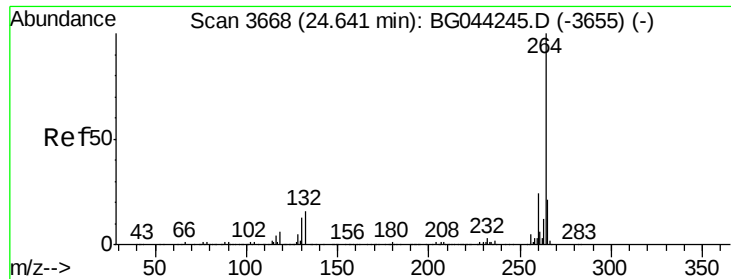


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3667
 Delta R.T. -0.01 min
 Lab File: BG044305.D
 Acq: 5 Feb 2020 15:28

Instrument :
 BNA_G
 ClientSampleId :
 FB-02032020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	16.7	25.1

