

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010592.D
 Acq On : 24 Apr 2020 17:13
 Operator : CG/JU
 Sample : L2330-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-GW-2020-04-16

Quant Time: Apr 24 18:08:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 12:47:59 2020
 Response via : Initial Calibration

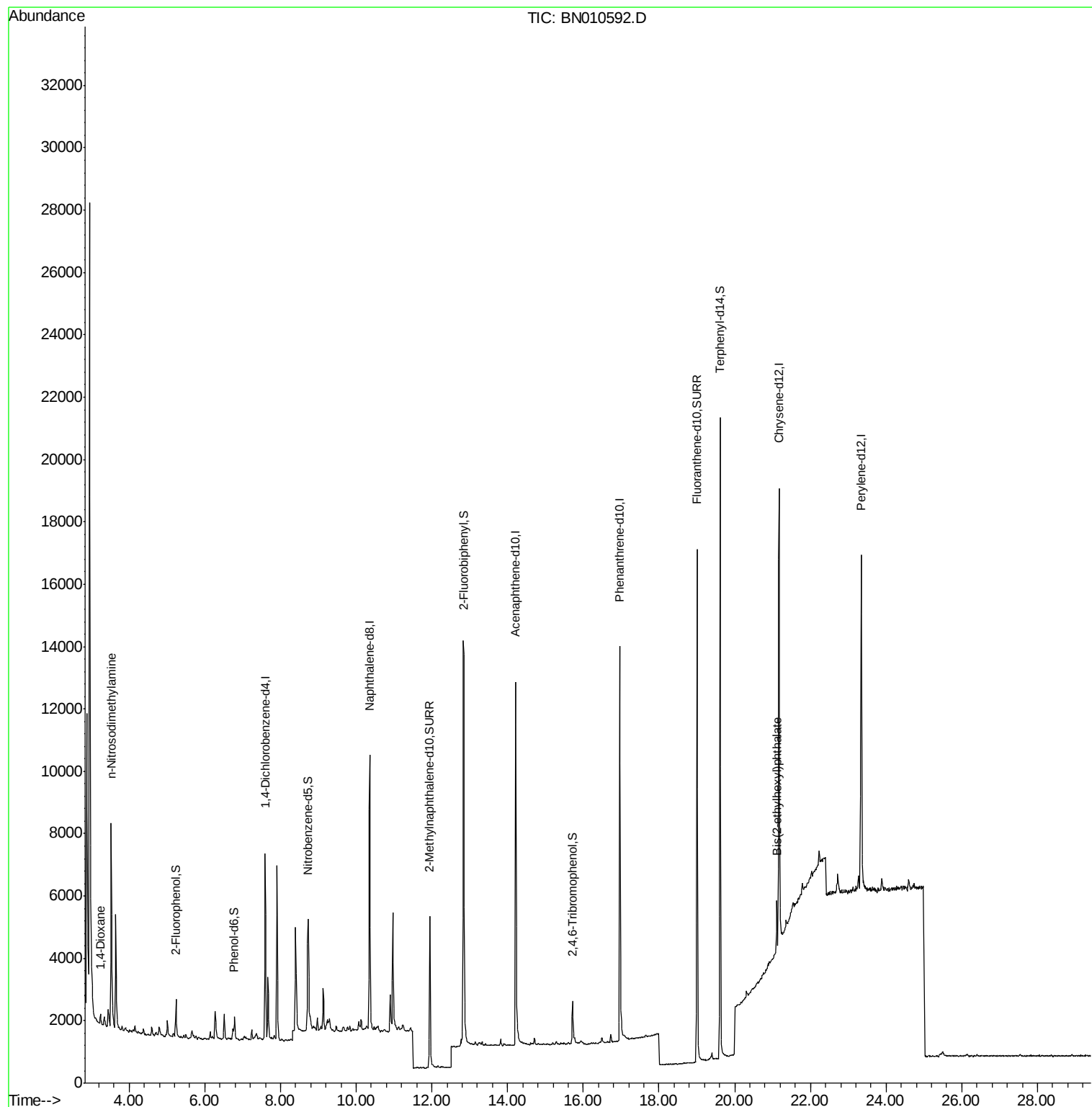
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3022	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	12968	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8411	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19532	0.40	ng	0.00
27) Chrysene-d12	21.17	240	16587	0.40	ng	0.00
34) Perylene-d12	23.34	264	15118	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1292	0.20	ng	0.00
5) Phenol-d6	6.79	99	859	0.10	ng	0.00
8) Nitrobenzene-d5	8.73	82	3594	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7410	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1293	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	14611	0.48	ng	0.01
25) Fluoranthene-d10	19.00	212	20594	0.35	ng	0.00
29) Terphenyl-d14	19.61	244	22261	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	74	0.033	ng	# 1
3) n-Nitrosodimethylamine	3.52	42	681	0.472	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.11	149	1454	0.052	ng	95

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

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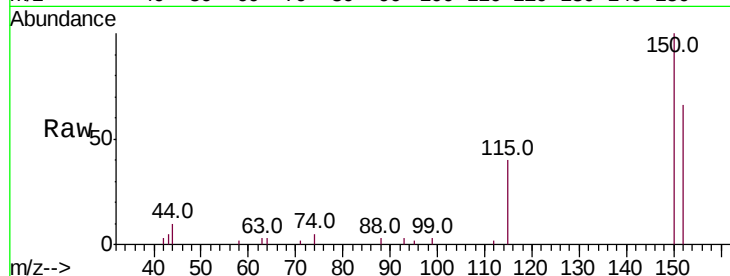


#1

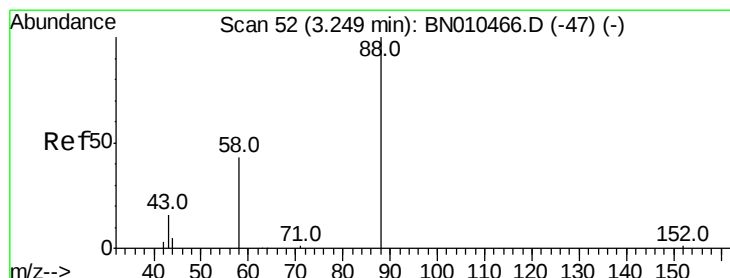
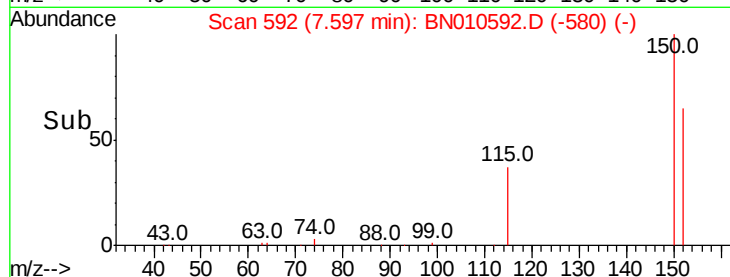
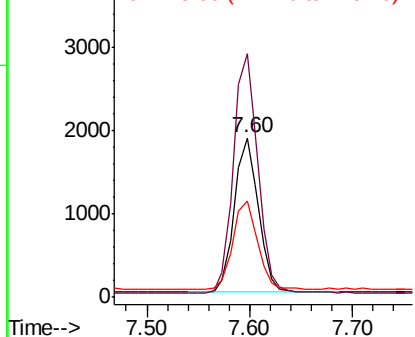
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN010592.D
Acq: 24 Apr 2020 17:13

Instrument :
BNA_N
ClientSampleId :
FB-GW-2020-04-16

Tot Ion:152 Resp: 3022
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.6
115 60.5 45.5 68.3



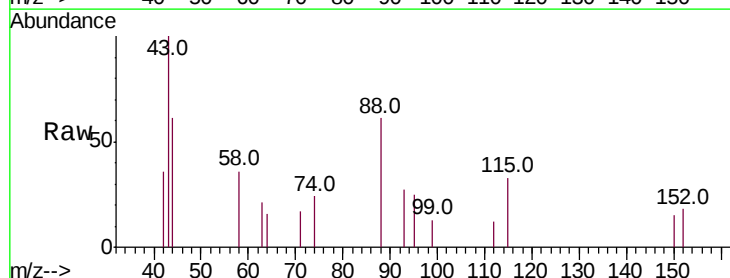
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



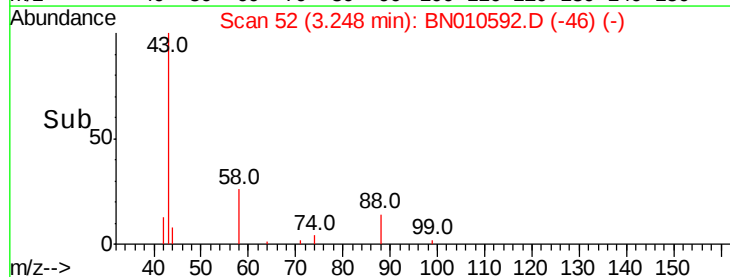
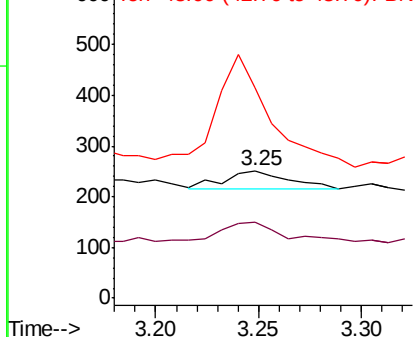
#2

1,4-Dioxane
Concen: 0.033 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010592.D
Acq: 24 Apr 2020 17:13

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
58 81.1 36.5 54.7#
43 425.7 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.472 ng

RT: 3.52 min Scan# 86

Delta R.T. -0.04 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

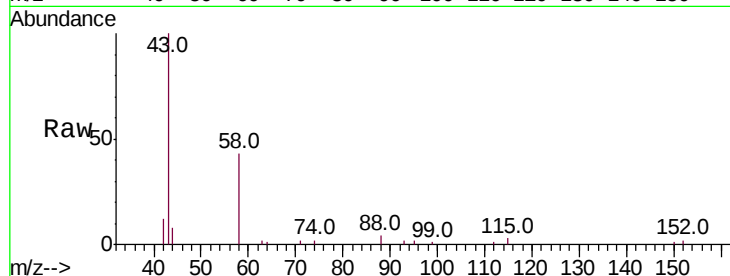
Tot Ion: 42 Resp: 681

Ion Ratio Lower Upper

42 100

74 1.8 162.2 243.4#

44 32.9 2.4 3.6#

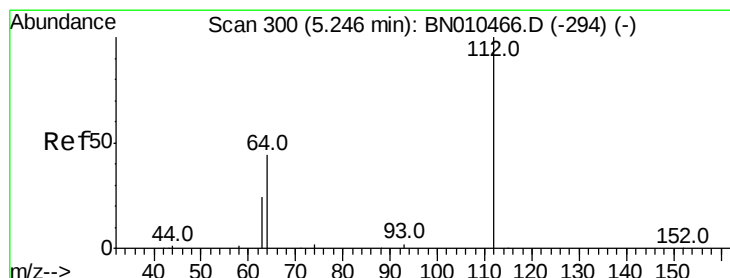
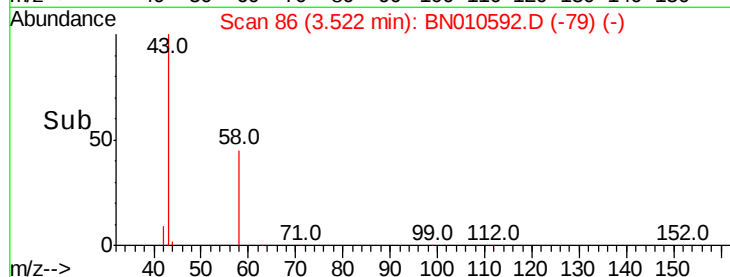


Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.24 min Scan# 299

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

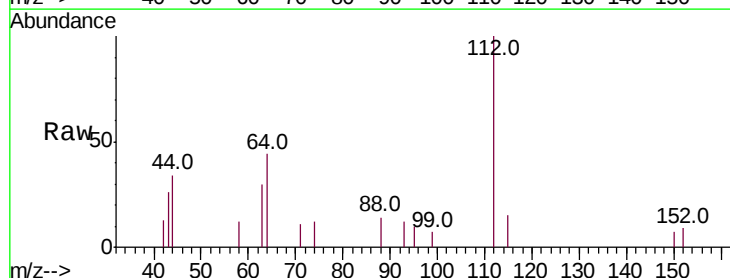
Tgt Ion: 112 Resp: 1292

Ion Ratio Lower Upper

112 100

64 44.7 35.8 53.8

63 25.9 19.9 29.9

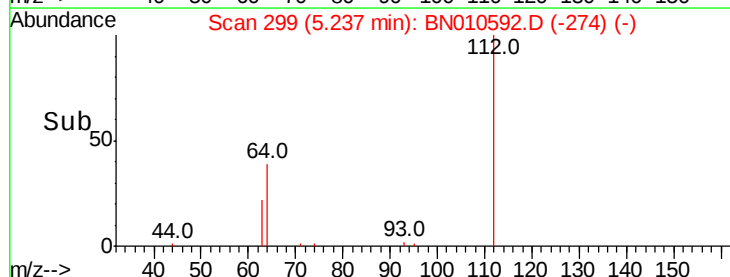


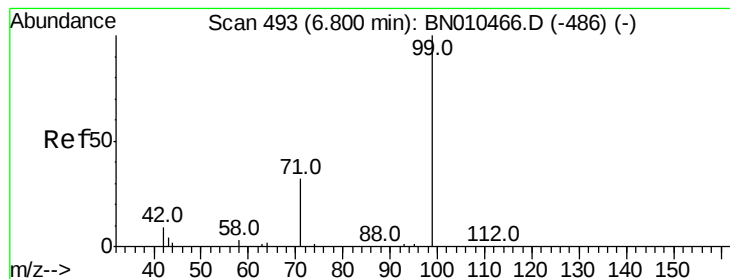
Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)

Time-->





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.79 min Scan# 492

Delta R.T. 0.01 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

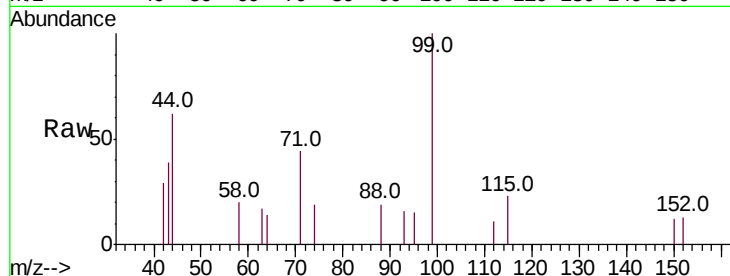
Tot Ion: 99 Resp: 859

Ion Ratio Lower Upper

99 100

42 15.6 9.8 14.6#

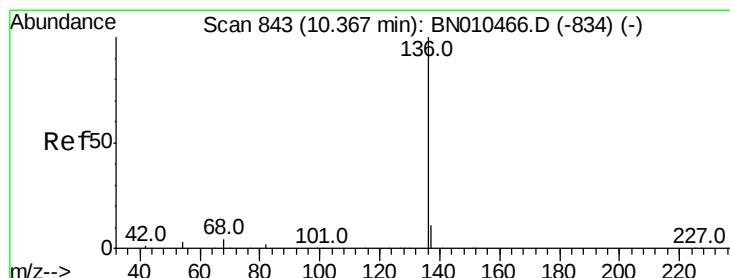
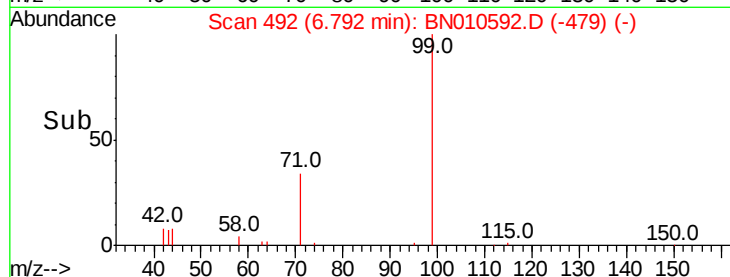
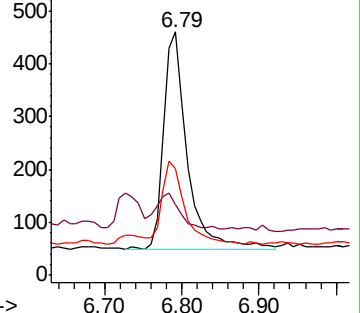
71 38.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Tgt Ion: 136 Resp: 12968

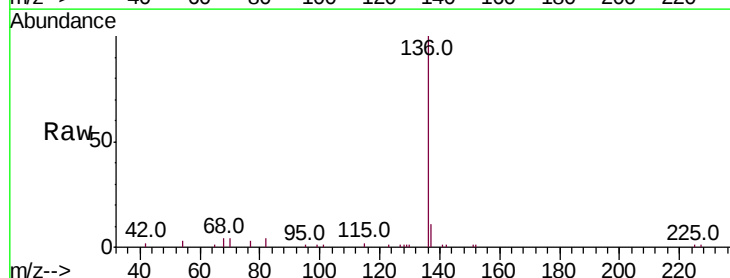
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.3 2.6 4.0

68 4.4 3.4 5.2

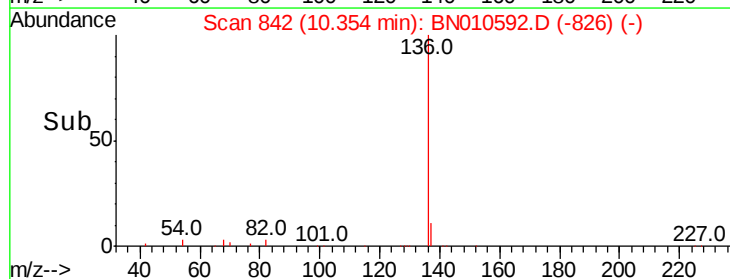
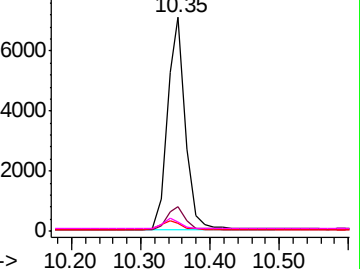


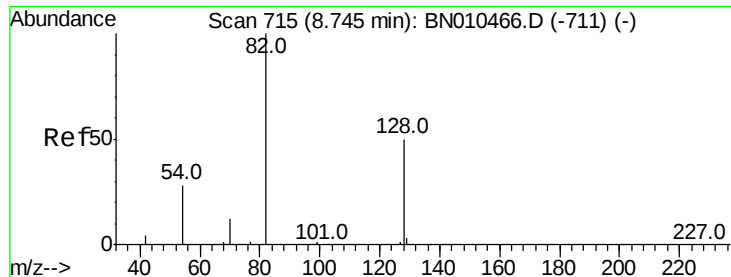
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)





#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

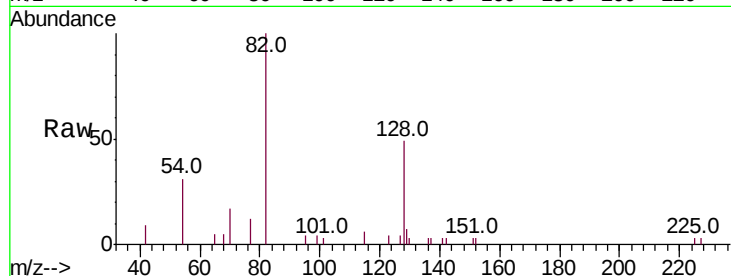
Tot Ion: 82 Resp: 3594

Ion Ratio Lower Upper

82 100

128 48.6 41.3 61.9

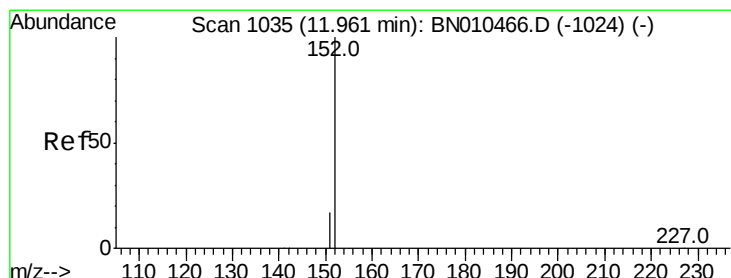
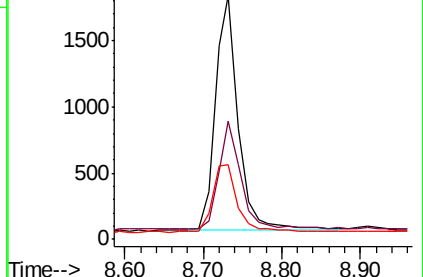
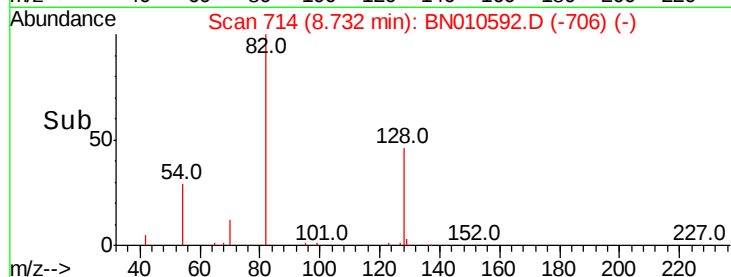
54 30.8 23.4 35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010592.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BN010592.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BN010592.D (-986) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.348 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN010592.D

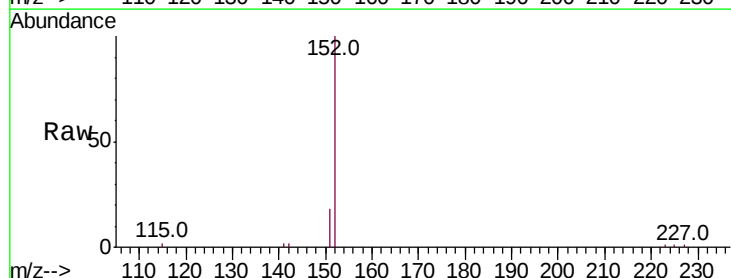
Acq: 24 Apr 2020 17:13

Tgt Ion: 152 Resp: 7410

Ion Ratio Lower Upper

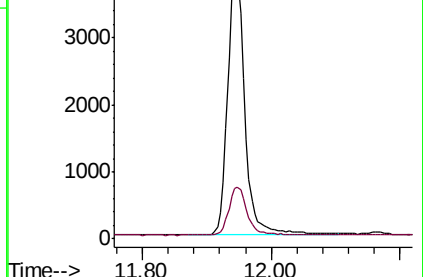
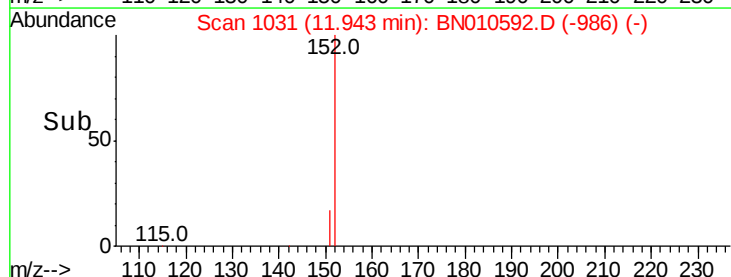
152 100

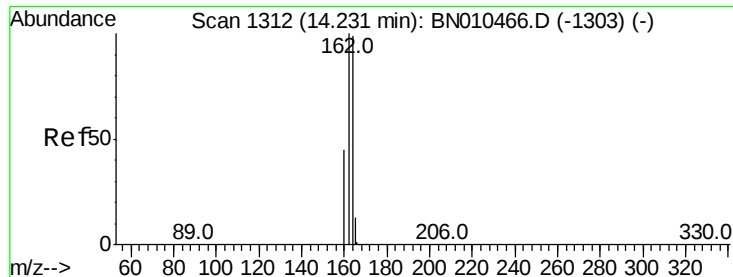
151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010592.D (-986) (-)

Ion 151.00 (150.70 to 151.70): BN010592.D (-986) (-)

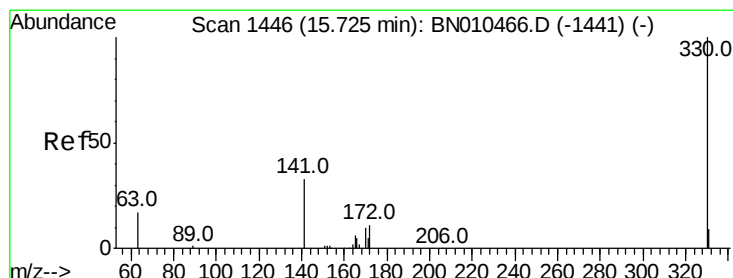
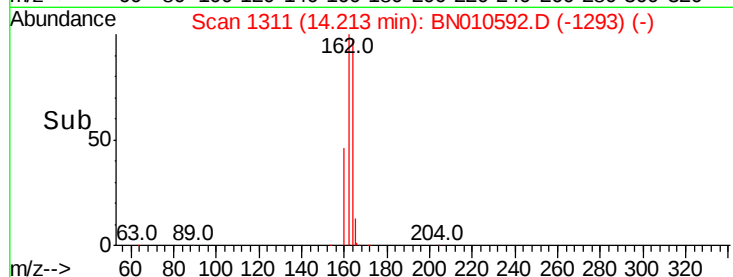
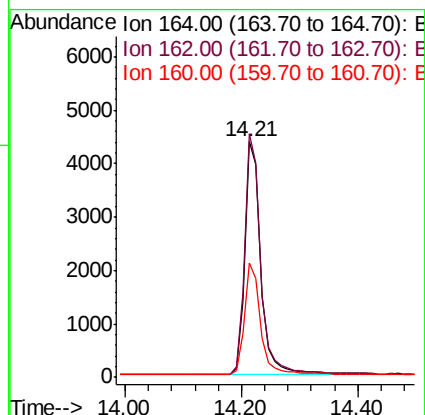
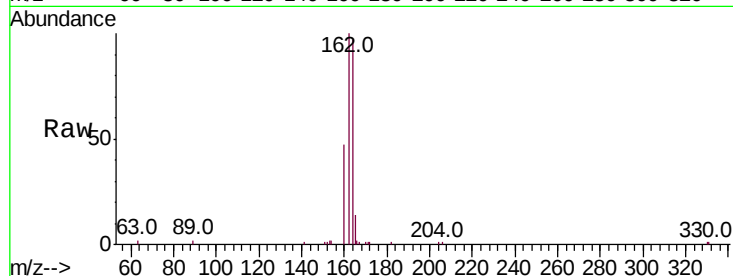




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BN010592.D
 Acq: 24 Apr 2020 17:13

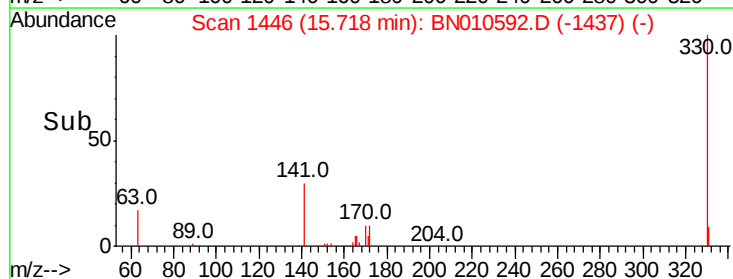
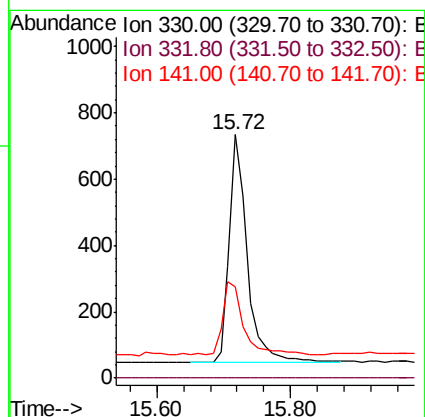
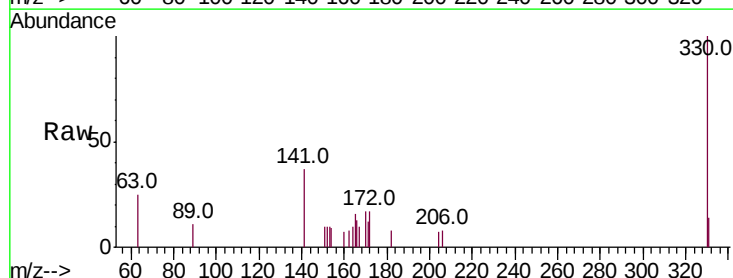
Instrument :
 BNA_N
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 FB-GW-2020-04-16

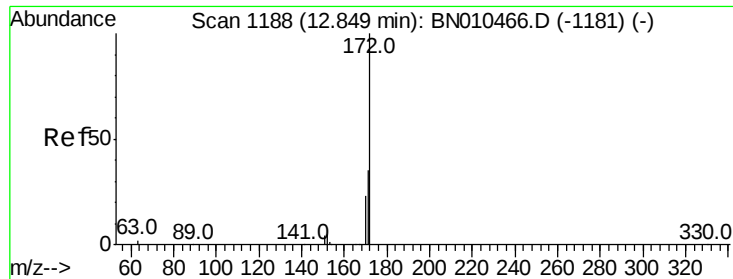
Tot Ion:164 Resp: 8411
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 121.0
 160 48.6 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.326 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BN010592.D
 Acq: 24 Apr 2020 17:13

Tgt Ion:330 Resp: 1293
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.6 28.1 42.1

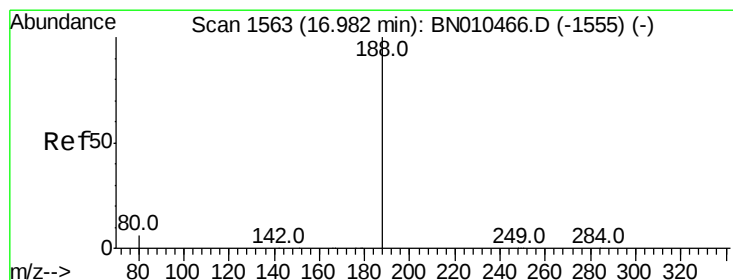
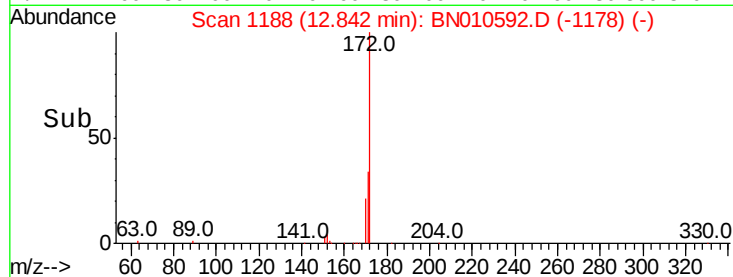
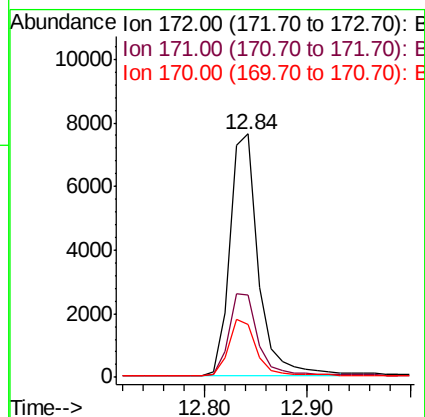
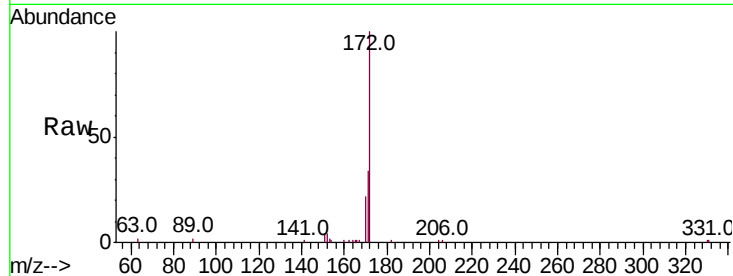




#15
2-Fluorobiphenyl
Concen: 0.477 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BN010592.D
Acq: 24 Apr 2020 17:13

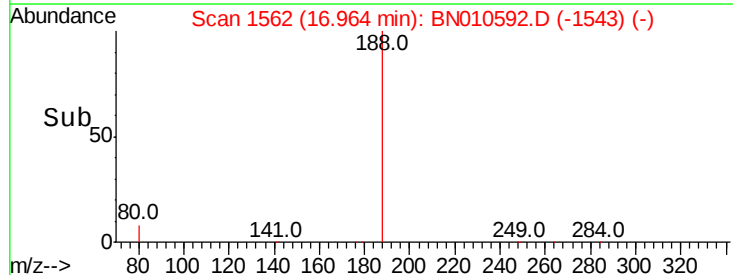
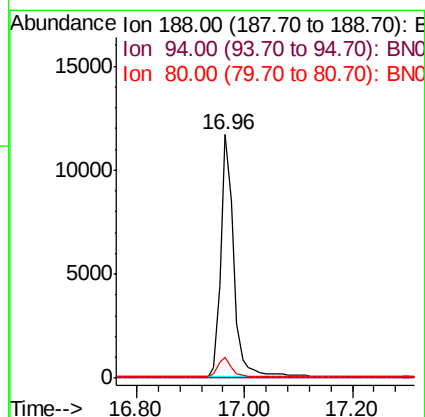
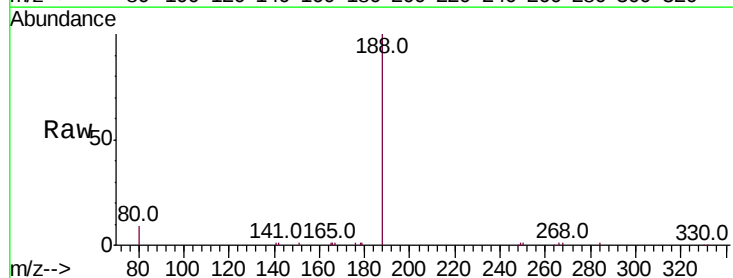
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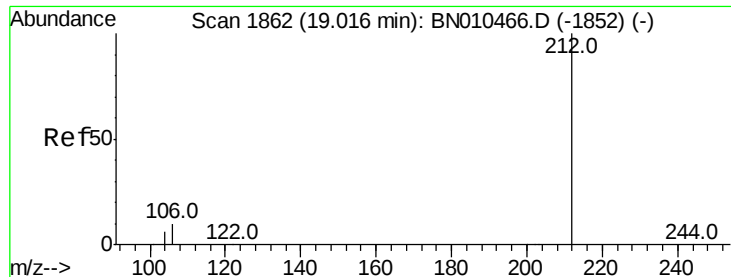
Tot Ion:172 Resp: 14611
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.2
170 21.7 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN010592.D
Acq: 24 Apr 2020 17:13

Tgt Ion:188 Resp: 19532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 5.0 7.6#





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.00 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

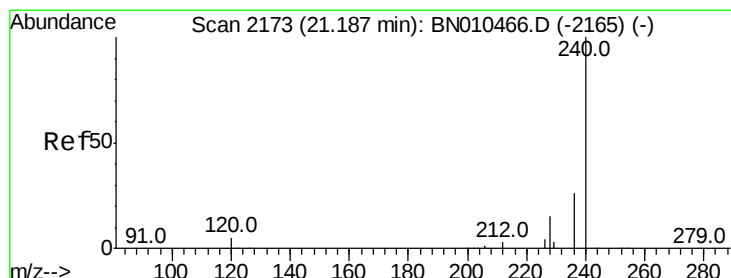
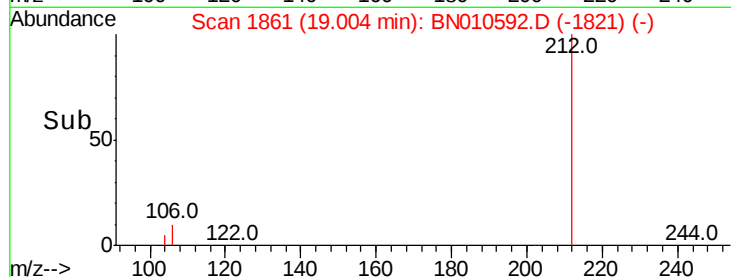
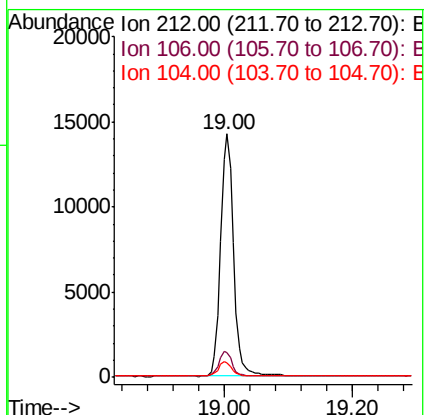
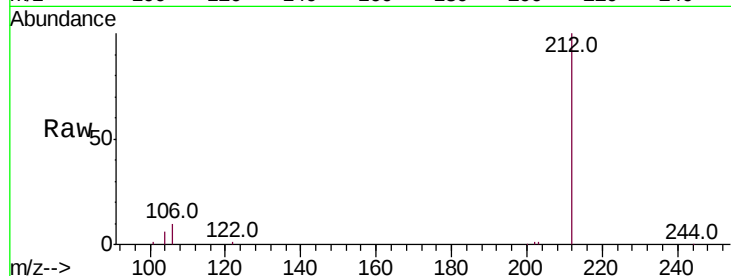
Tot Ion:212 Resp: 20594

Ion Ratio Lower Upper

212 100

106 10.3 7.8 11.6

104 5.9 4.5 6.7



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

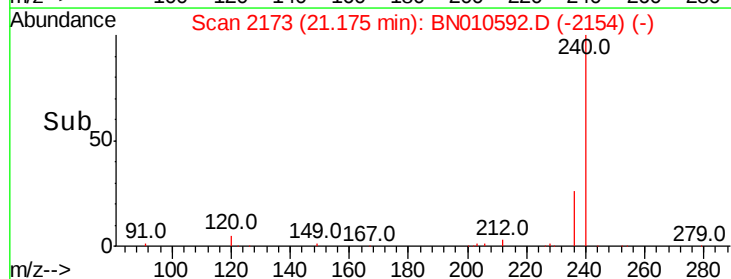
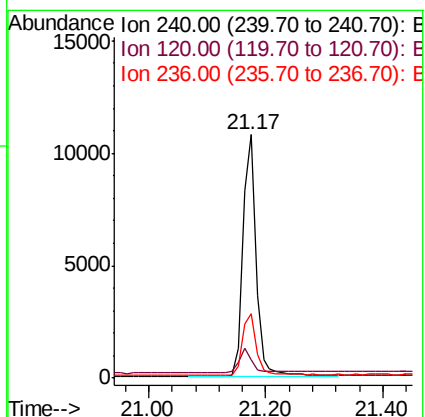
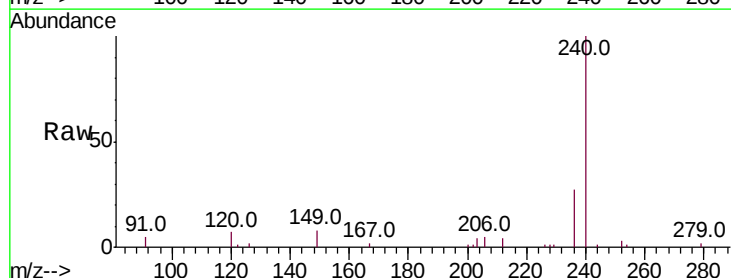
Tgt Ion:240 Resp: 16587

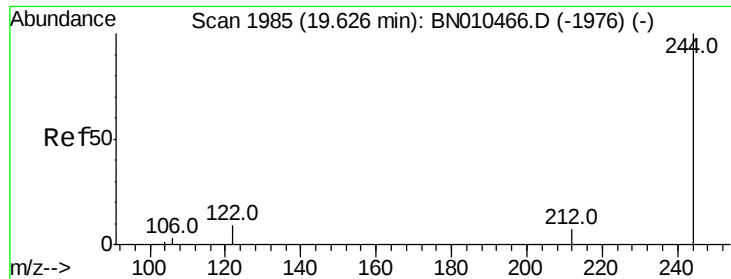
Ion Ratio Lower Upper

240 100

120 7.4 4.8 7.2#

236 26.5 21.4 32.0





#29

Terphenyl-d14

Concen: 0.586 ng

RT: 19.61 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

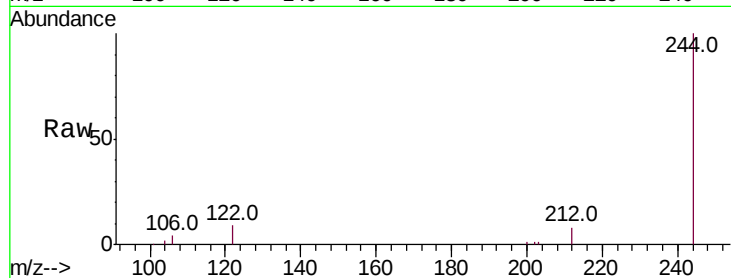
Tot Ion:244 Resp: 22261

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

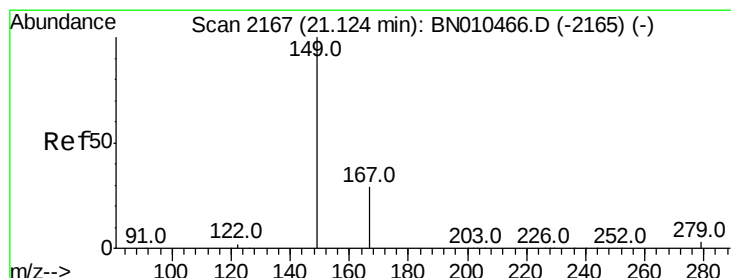
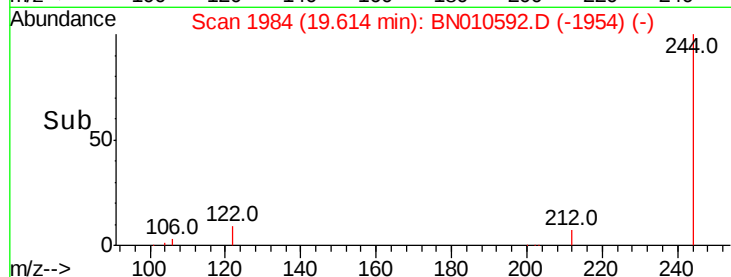
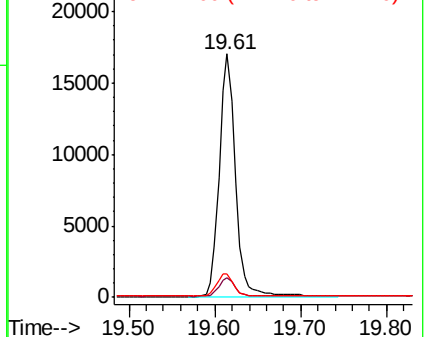
122 9.4 7.8 11.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

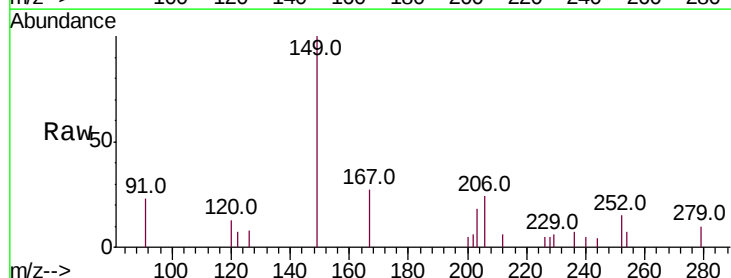
Tgt Ion:149 Resp: 1454

Ion Ratio Lower Upper

149 100

167 26.0 23.4 35.0

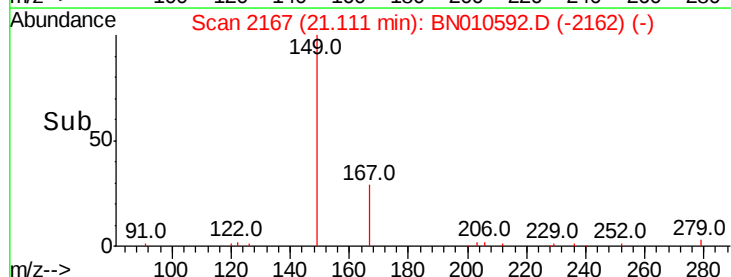
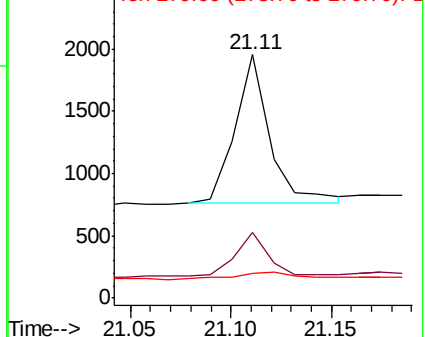
279 5.8 4.0 6.0

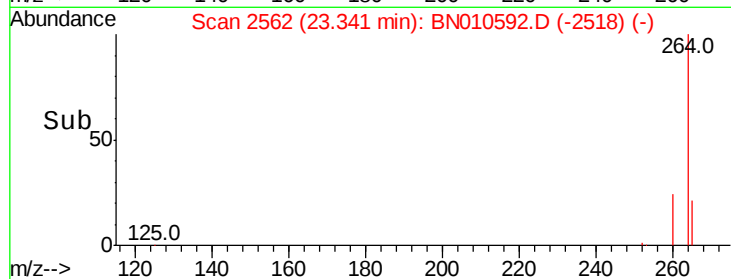
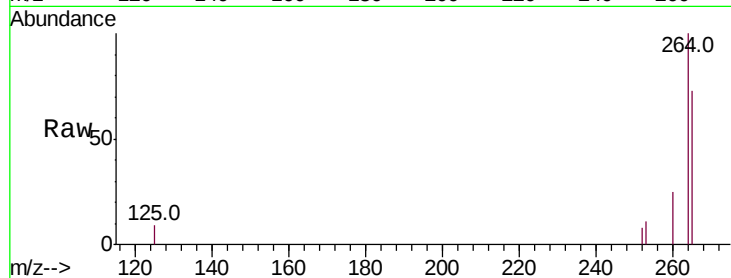
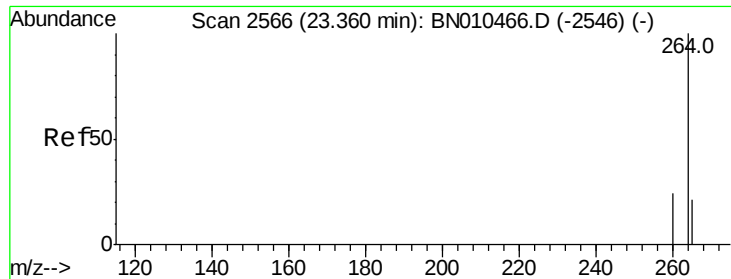


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.34 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BN010592.D

Acq: 24 Apr 2020 17:13

Instrument :

BNA_N

ClientSampleId :

FB-GW-2020-04-16

Tot Ion:264 Resp: 15118

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 72.5 42.3 63.5#

