

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042420\
 Data File : BN010593.D
 Acq On : 24 Apr 2020 17:49
 Operator : CG/JU
 Sample : L2330-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

Quant Time: Apr 24 18:48:15 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	3215	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	13118	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	8530	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	19117	0.40	ng	0.00
27) Chrysene-d12	21.17	240	17825	0.40	ng	0.00
34) Perylene-d12	23.34	264	16287	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	1340	0.19	ng	0.00
5) Phenol-d6	6.78	99	1060	0.12	ng	0.00
8) Nitrobenzene-d5	8.73	82	3747	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	7622	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1627	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	14813	0.48	ng	0.00
25) Fluoranthene-d10	19.00	212	22852	0.39	ng	0.00
29) Terphenyl-d14	19.61	244	21523	0.53	ng	0.00

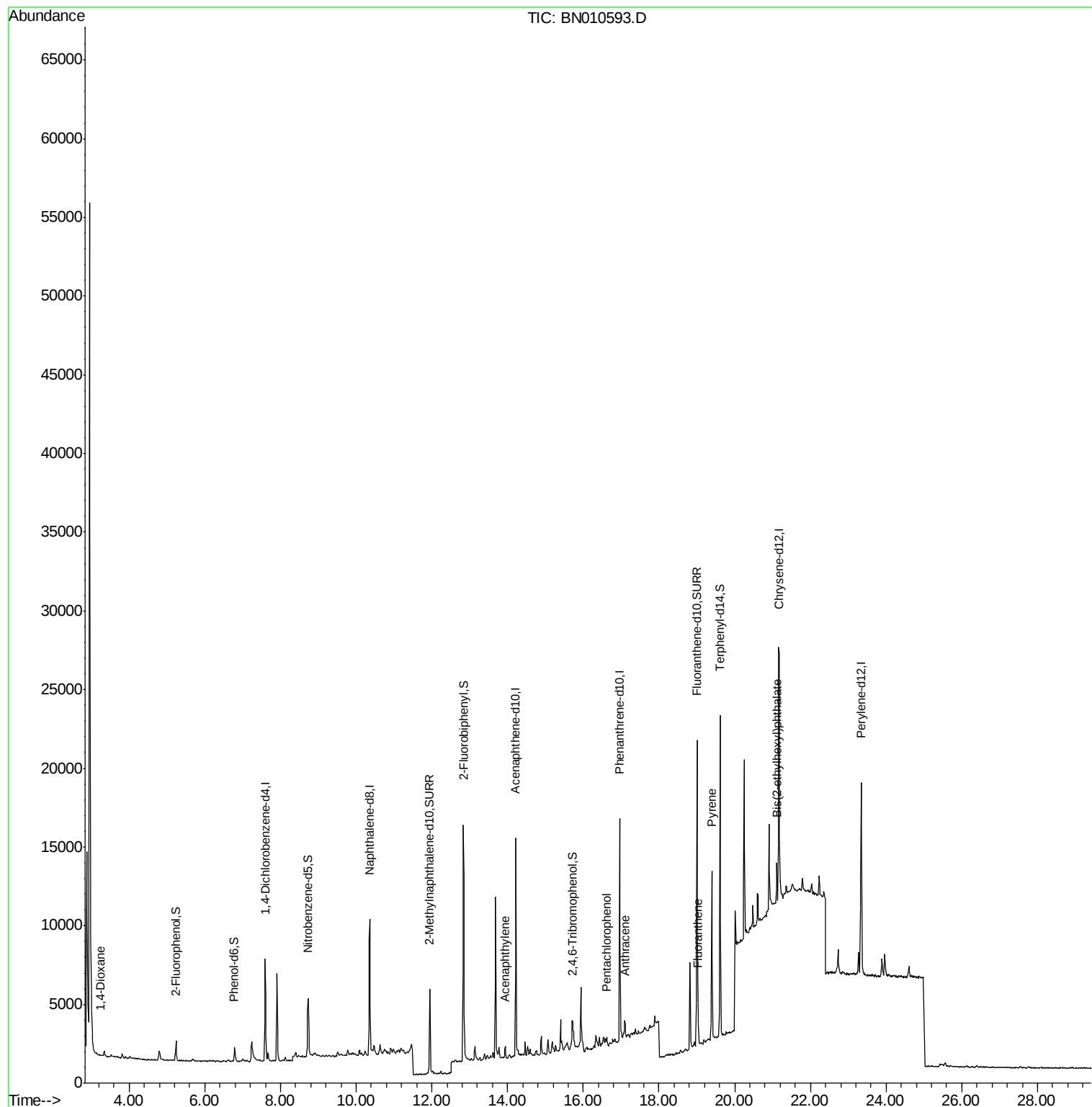
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	56	0.024	ng	# 18
16) Acenaphthylene	13.93	152	885	0.024	ng	# 90
22) Pentachlorophenol	16.62	266	172	0.036	ng	# 90
24) Anthracene	17.09	178	1405	0.030	ng	# 87
26) Fluoranthene	19.03	202	1588	0.025	ng	98
28) Pyrene	19.40	202	9781	0.163	ng	98
32) Bis(2-ethylhexyl)phthalate	21.11	149	2134	0.072	ng	98

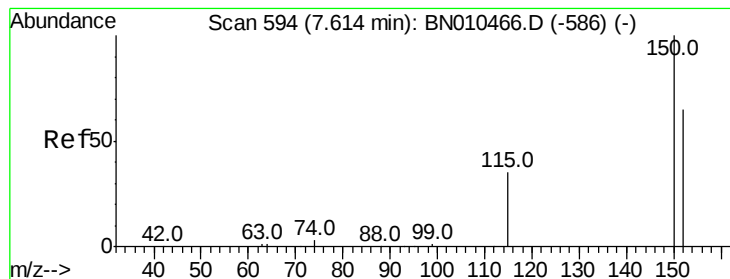
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010593.D

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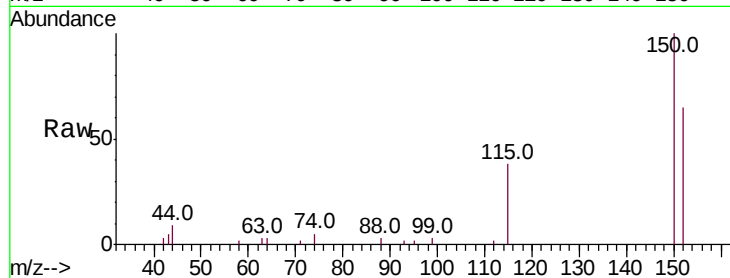
Tot Ion:152 Resp: 3215

Ion Ratio Lower Upper

152 100

150 153.3 121.8 182.6

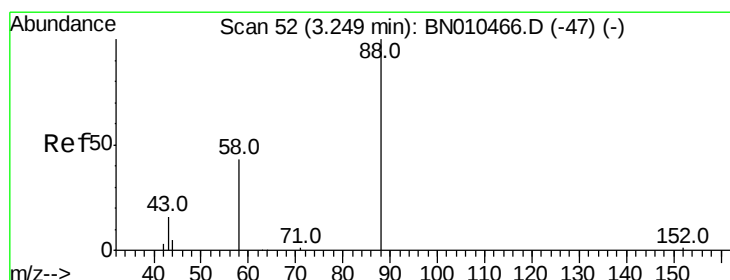
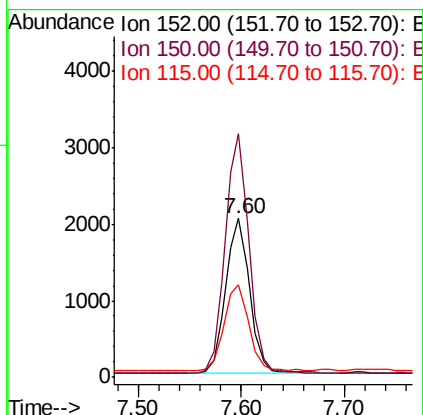
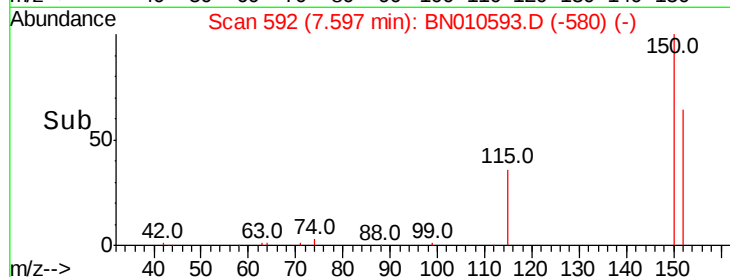
115 58.6 45.5 68.3



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: 0.024 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.02 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

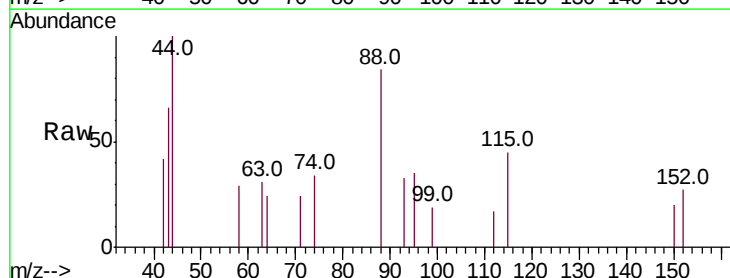
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

58 23.2 36.5 54.7#

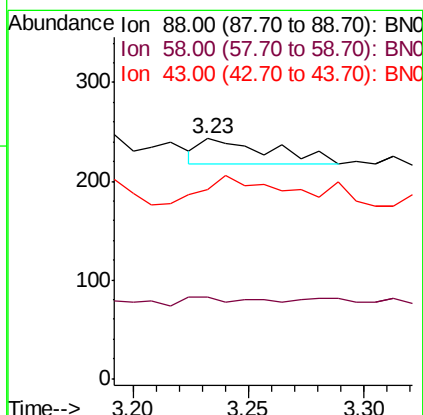
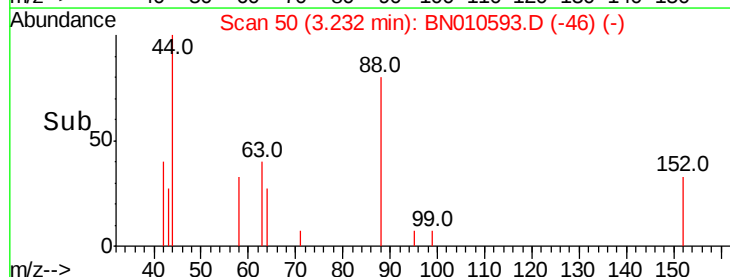
43 108.9 13.2 19.8#

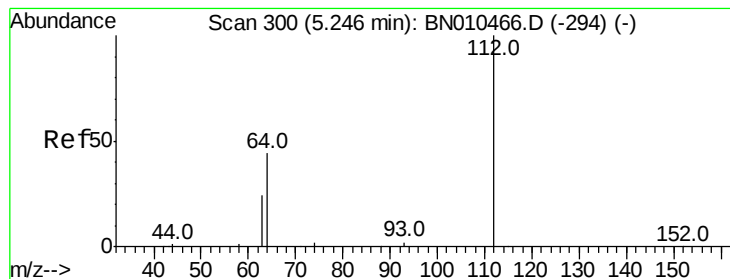


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.24 min Scan# 299

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

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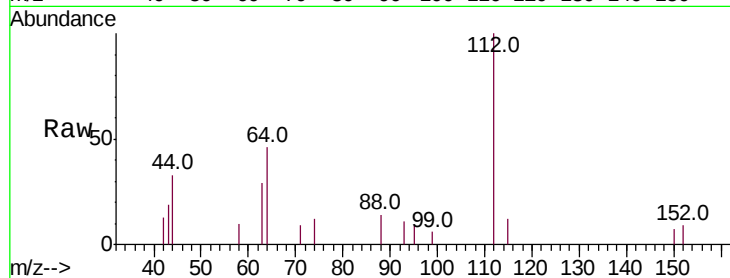
Tot Ion:112 Resp: 1340

Ion Ratio Lower Upper

112 100

64 45.1 35.8 53.8

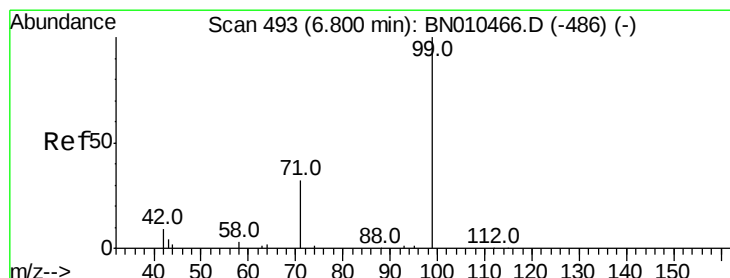
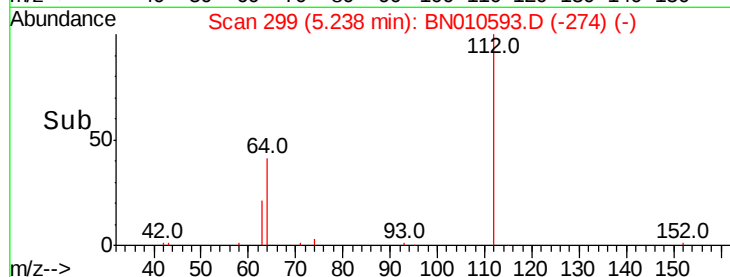
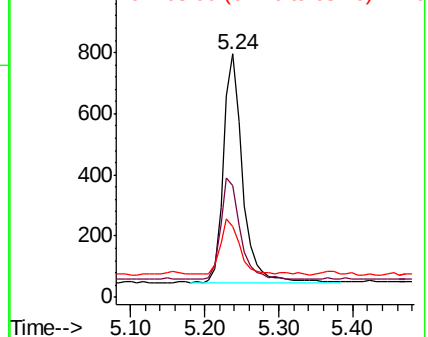
63 25.7 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.115 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

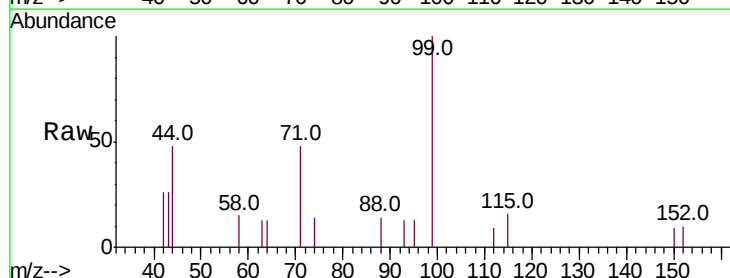
Tgt Ion: 99 Resp: 1060

Ion Ratio Lower Upper

99 100

42 15.5 9.8 14.6#

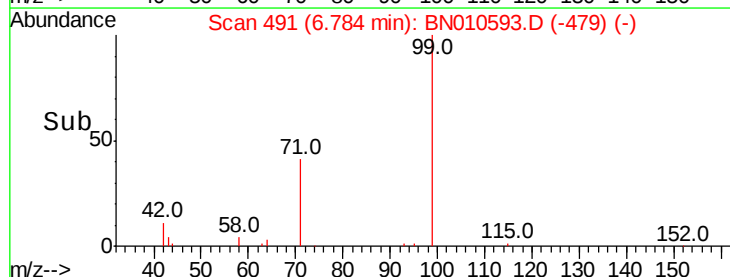
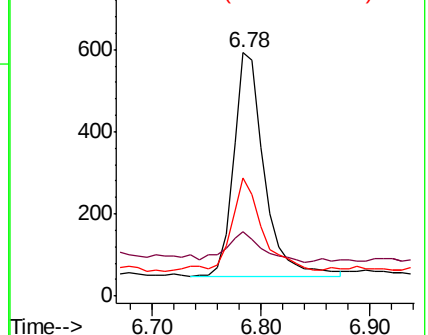
71 43.3 27.8 41.8#

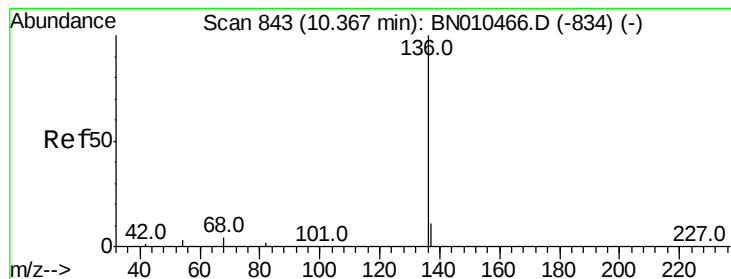


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

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Tot Ion:136 Resp: 13118

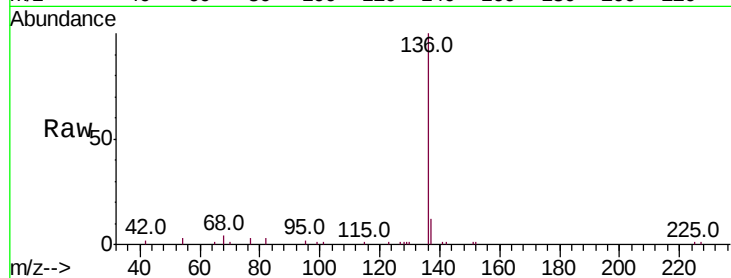
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 3.3 2.6 4.0

68 4.4 3.4 5.2

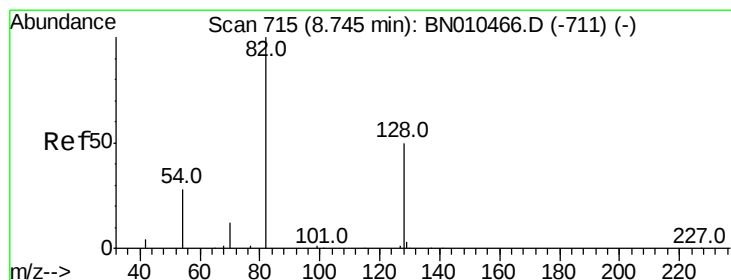
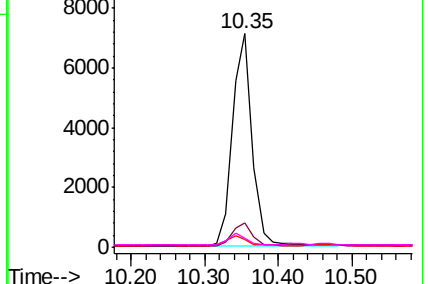
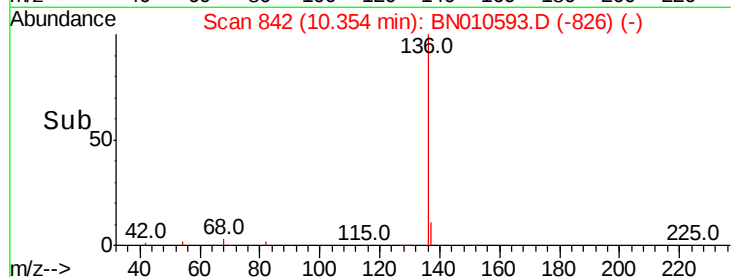


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.409 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

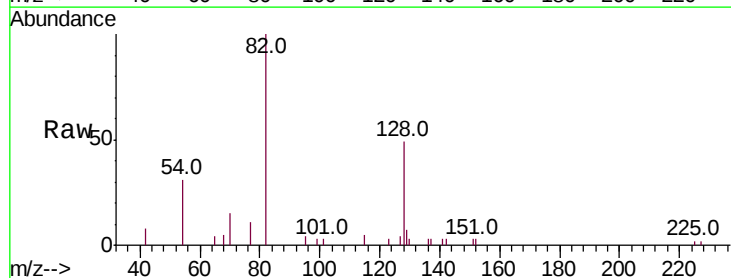
Tgt Ion: 82 Resp: 3747

Ion Ratio Lower Upper

82 100

128 49.2 41.3 61.9

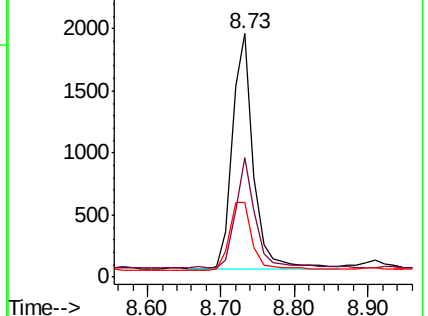
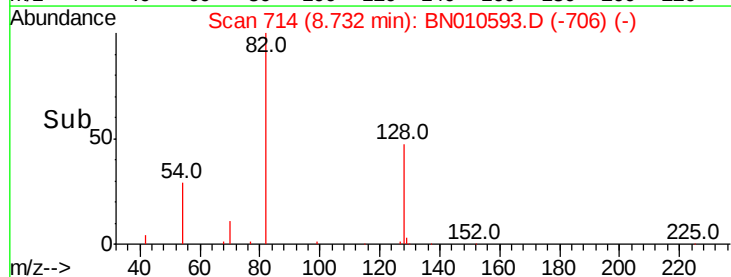
54 30.6 23.4 35.0

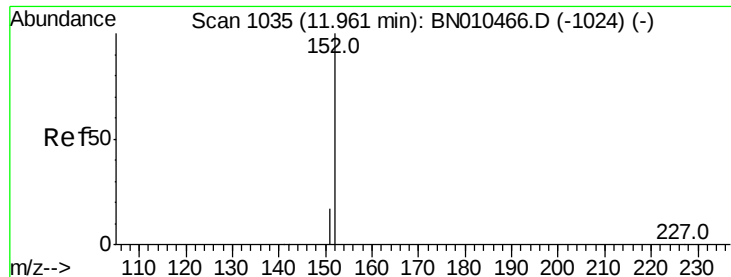


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

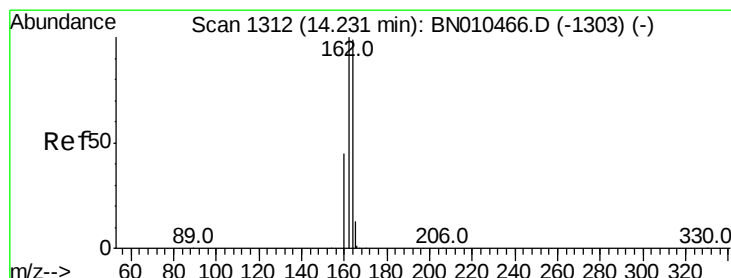
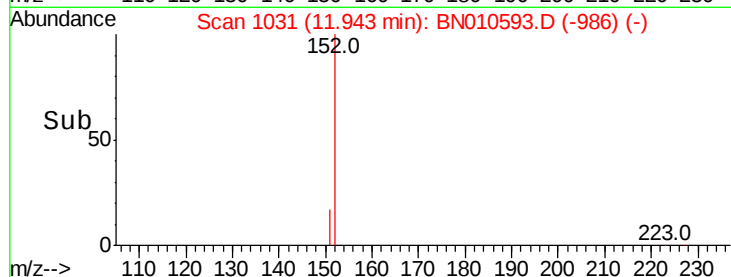
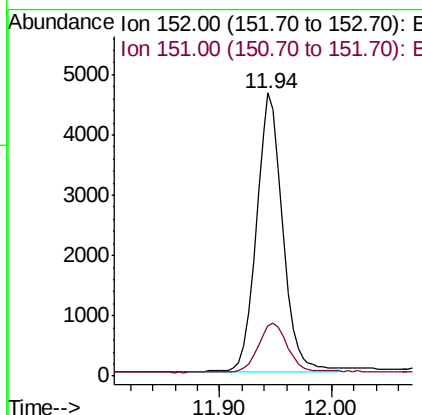
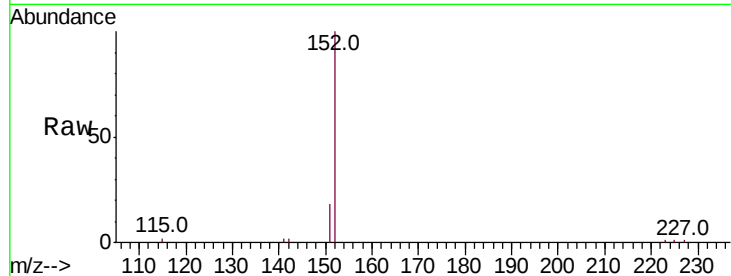




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

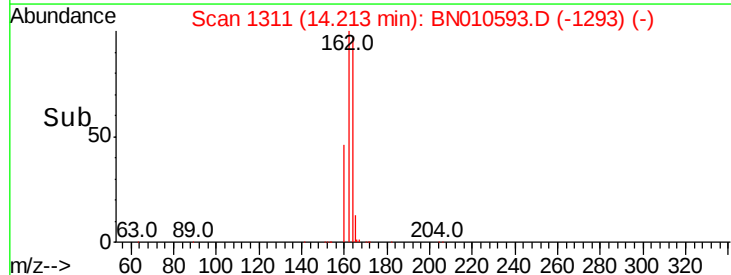
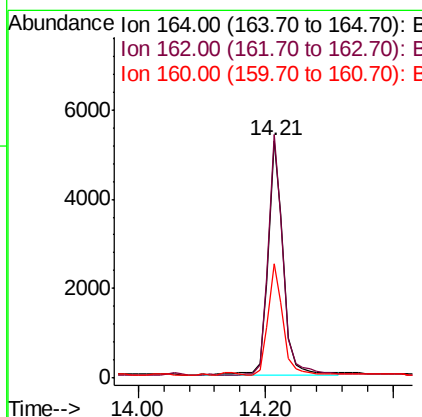
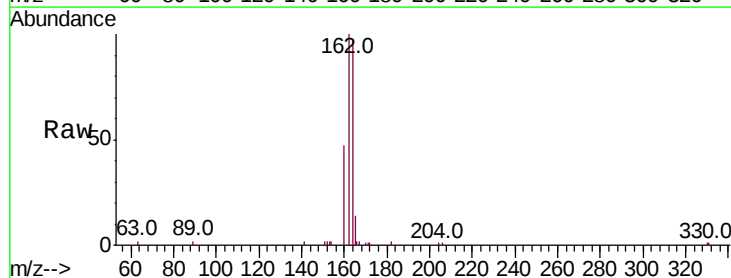
Instrument :
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DUP-2020-04-16

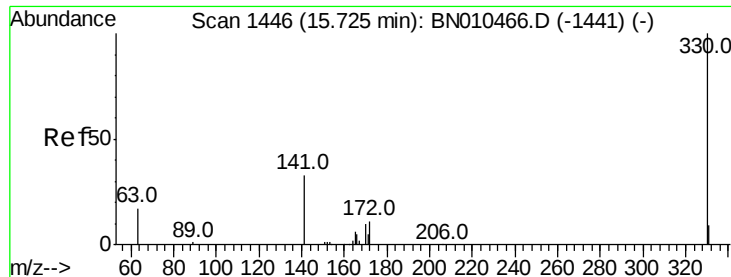
Tot Ion:152 Resp: 7622
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN010593.D
Acq: 24 Apr 2020 17:49

Tgt Ion:164 Resp: 8530
Ion Ratio Lower Upper
164 100
162 102.6 80.6 121.0
160 48.3 36.5 54.7

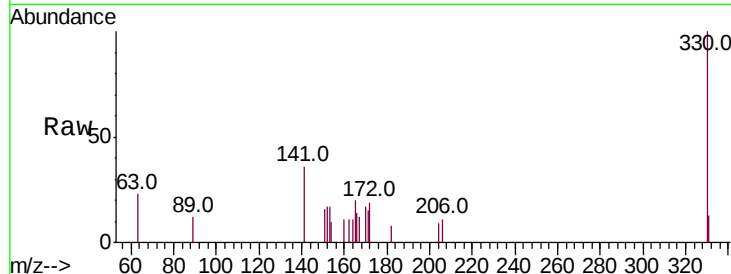




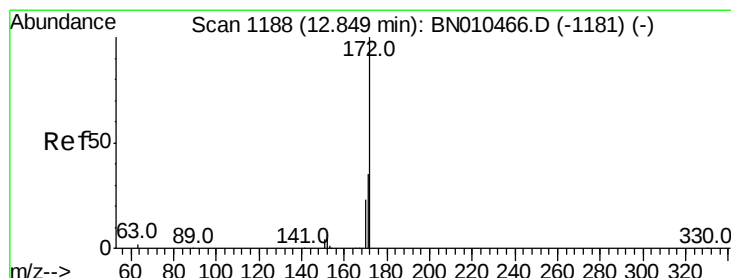
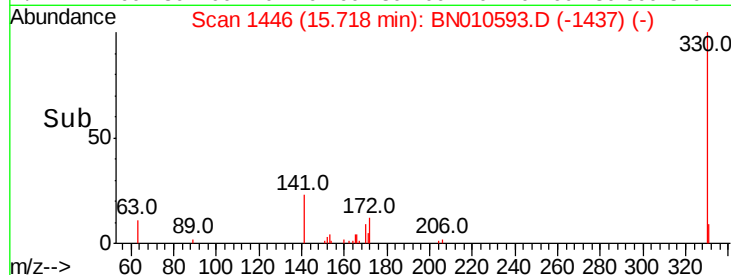
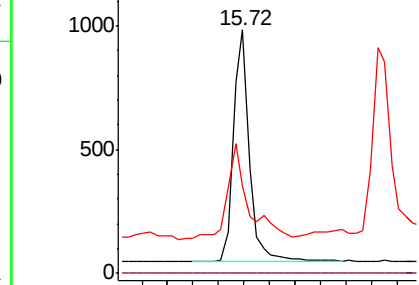
#14
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 15.72 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

Tot Ion:330 Resp: 1627
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 50.7 28.1 42.1#

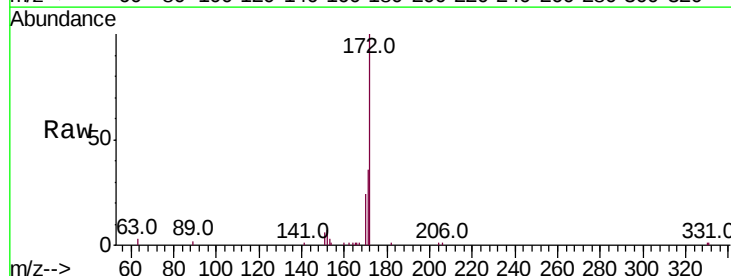


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

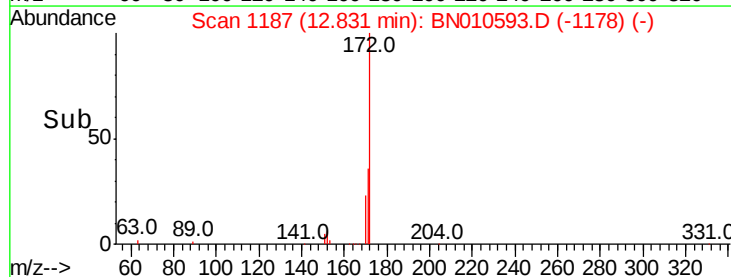
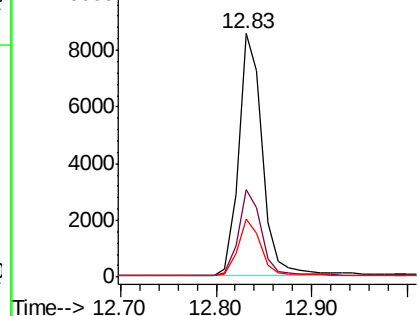


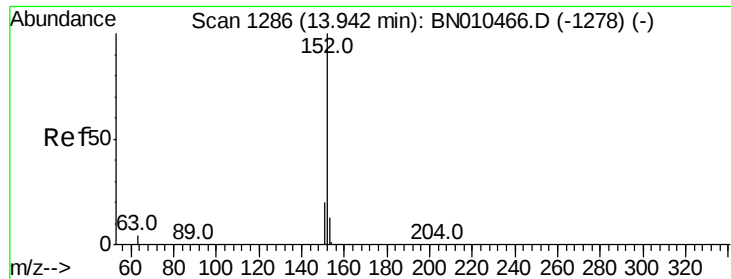
#15
 2-Fluorobiphenyl
 Concen: 0.477 ng
 RT: 12.83 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Tgt Ion:172 Resp: 14813
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.2
 170 23.8 18.4 27.6



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





#16

Acenaphthylene

Concen: 0.024 ng

RT: 13.93 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

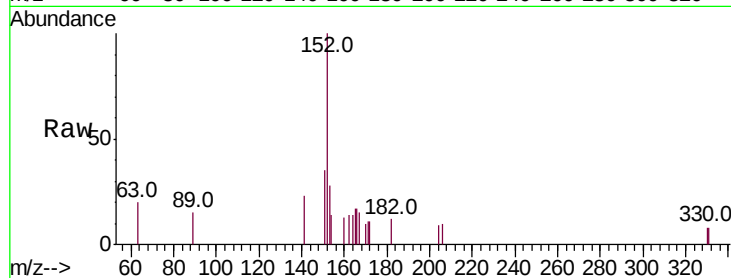
Tot Ion:152 Resp: 885

Ion Ratio Lower Upper

152 100

151 25.6 15.7 23.5#

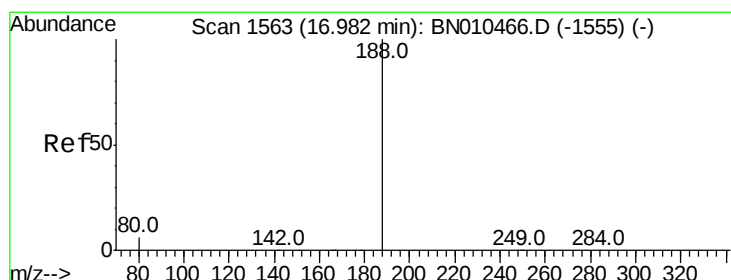
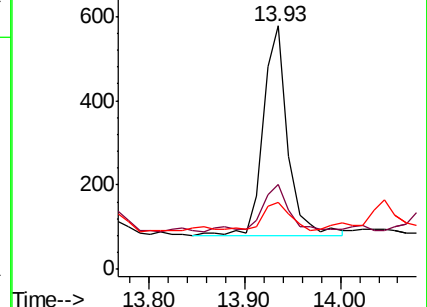
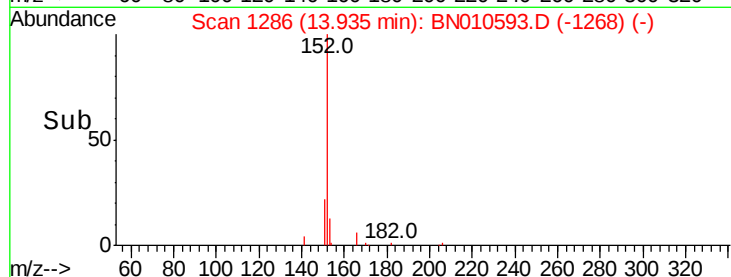
153 15.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

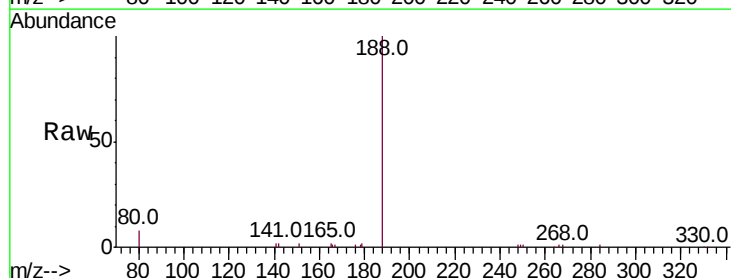
Tgt Ion:188 Resp: 19117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

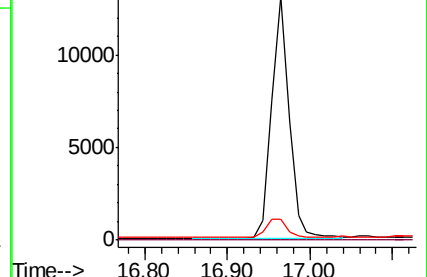
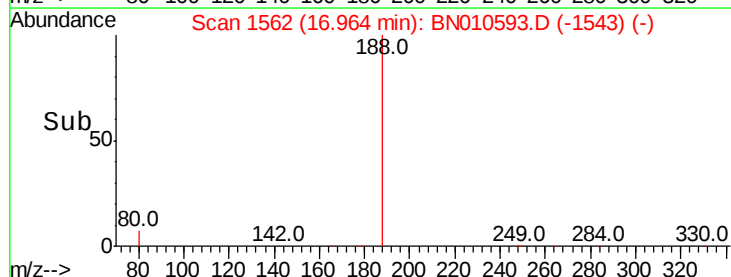
80 8.4 5.0 7.6#

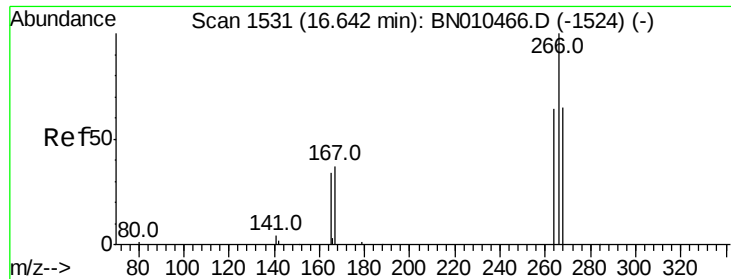


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

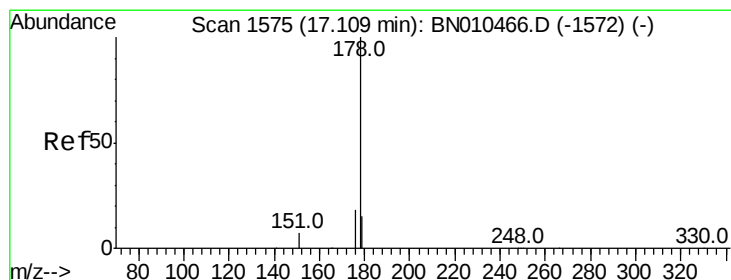
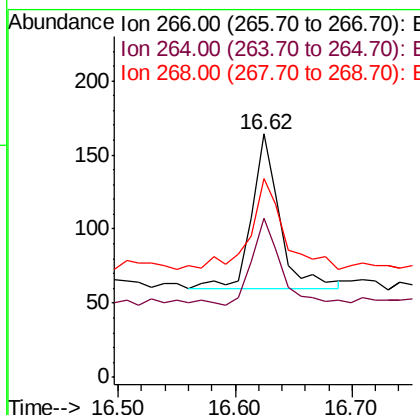
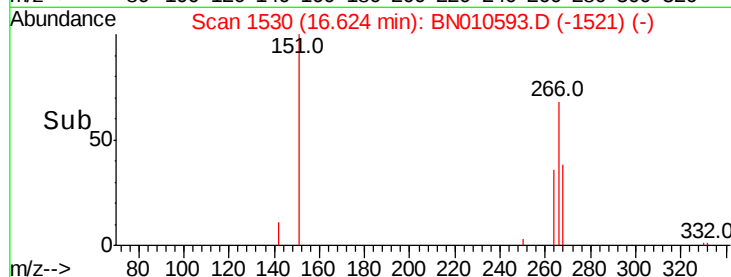
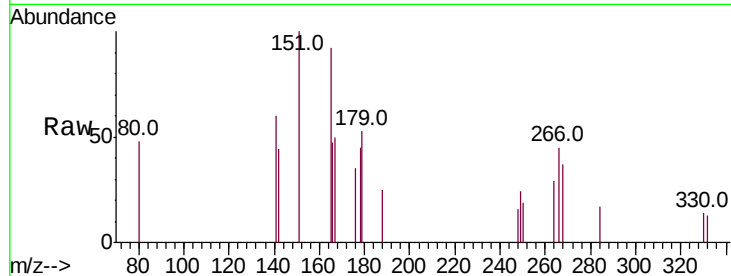




#22
 Pentachlorophenol
 Concen: 0.036 ng
 RT: 16.62 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

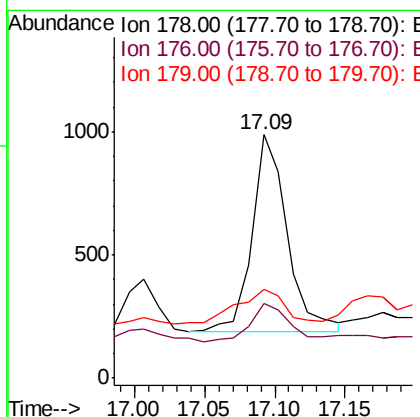
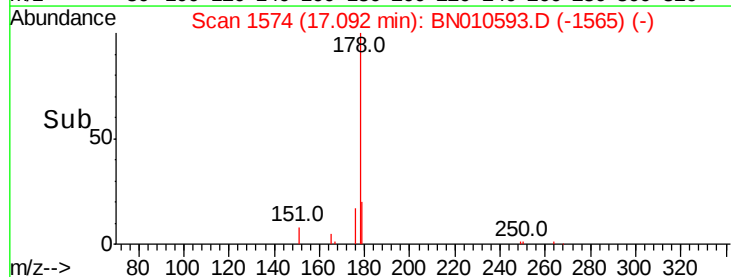
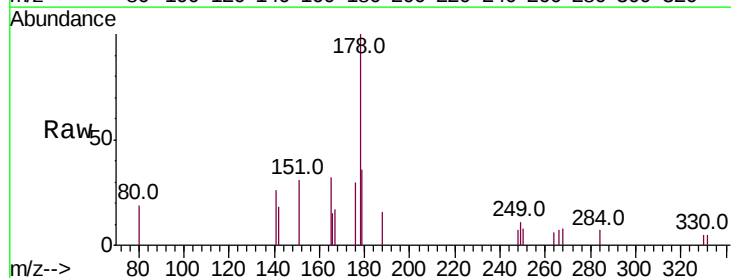
Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

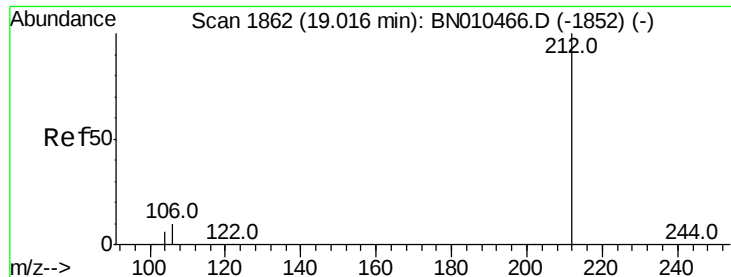
Tot Ion:266 Resp: 172
 Ion Ratio Lower Upper
 266 100
 264 65.2 51.8 77.6
 268 81.7 53.7 80.5#



#24
 Anthracene
 Concen: 0.030 ng
 RT: 17.09 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Tgt Ion:178 Resp: 1405
 Ion Ratio Lower Upper
 178 100
 176 20.6 14.6 21.8
 179 24.4 12.2 18.2#





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.00 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

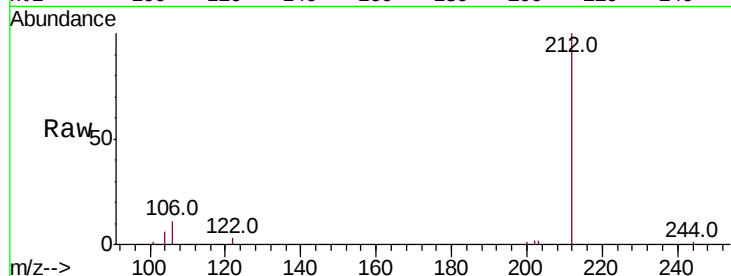
Tot Ion:212 Resp: 22852

Ion Ratio Lower Upper

212 100

106 10.6 7.8 11.6

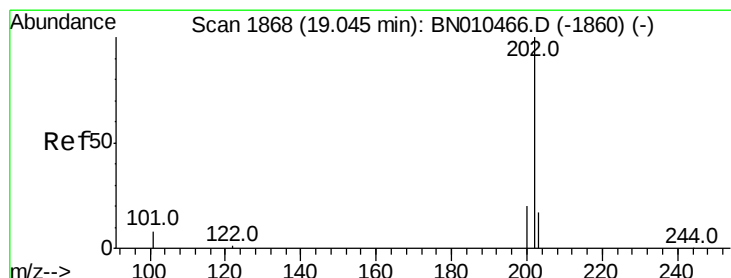
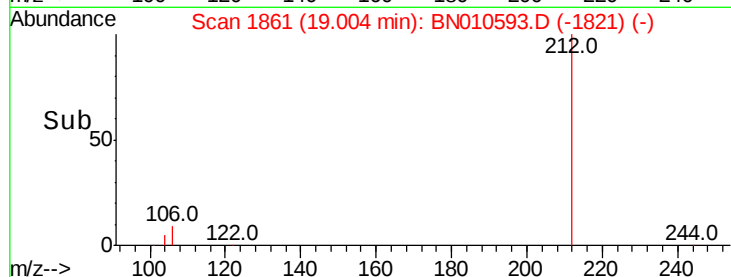
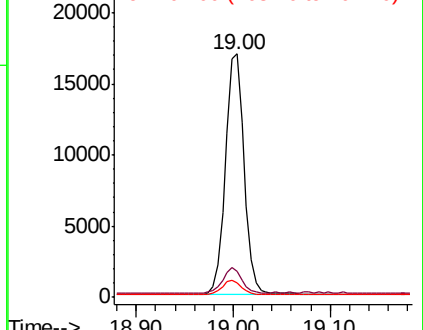
104 5.7 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.025 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

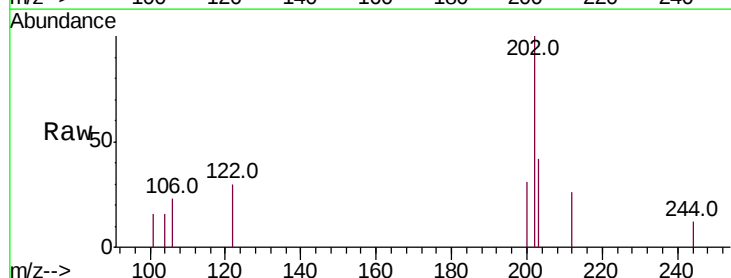
Tgt Ion:202 Resp: 1588

Ion Ratio Lower Upper

202 100

101 8.0 6.9 10.3

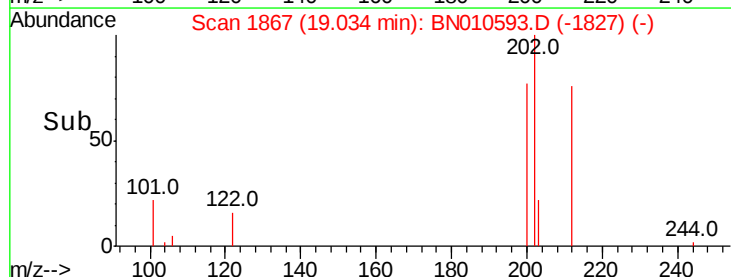
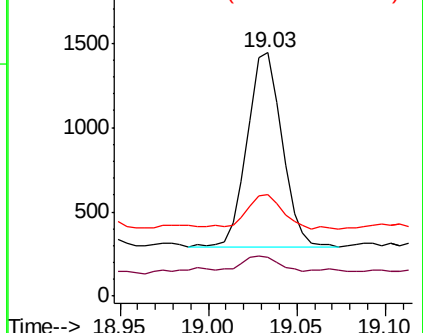
203 18.3 13.9 20.9

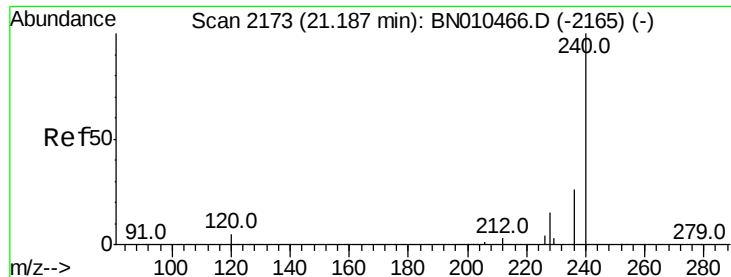


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

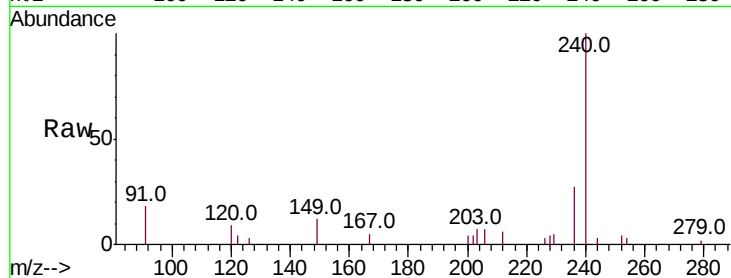
Tot Ion:240 Resp: 17825

Ion Ratio Lower Upper

240 100

120 8.6 4.8 7.2#

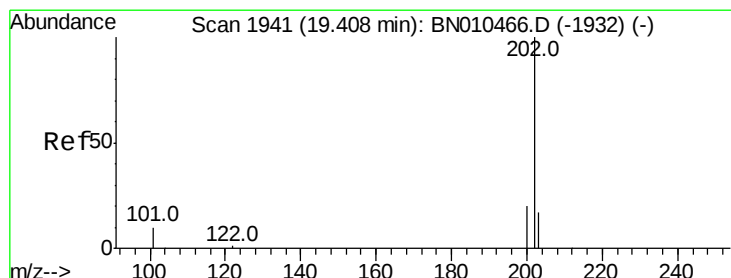
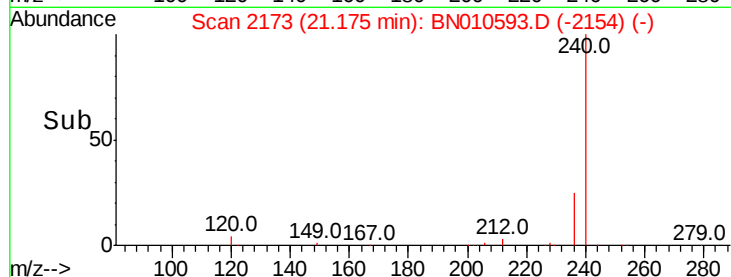
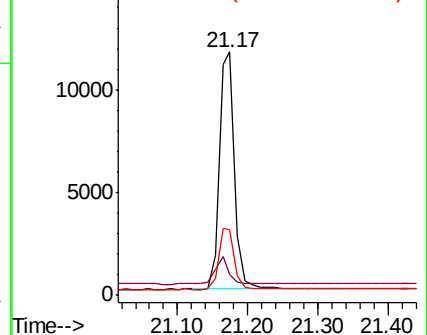
236 27.2 21.4 32.0



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



#28

Pyrene

Concen: 0.163 ng

RT: 19.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

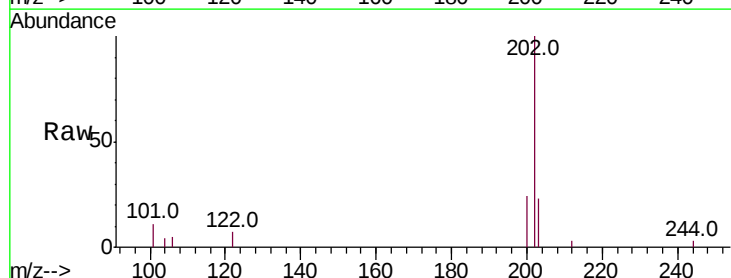
Tgt Ion:202 Resp: 9781

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

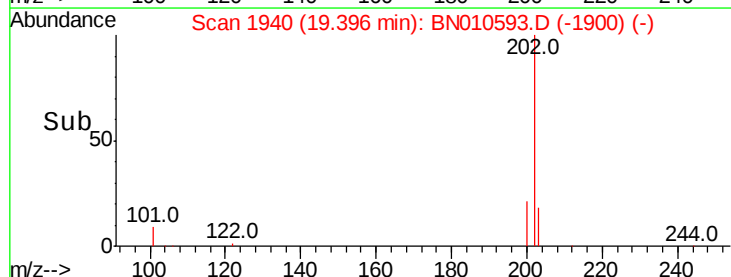
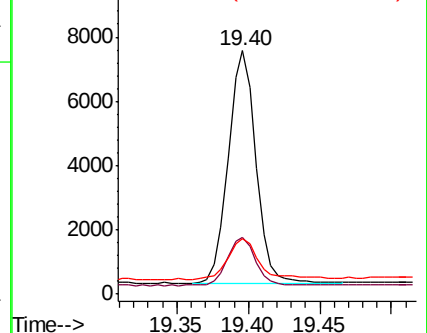
203 19.2 14.0 21.0

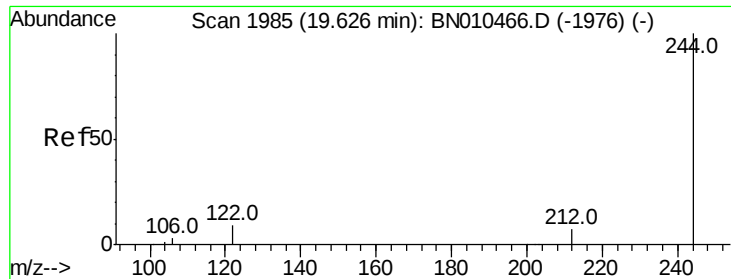


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.528 ng

RT: 19.61 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

Instrument :

BNA_N

ClientSampleId :

DUP-2020-04-16

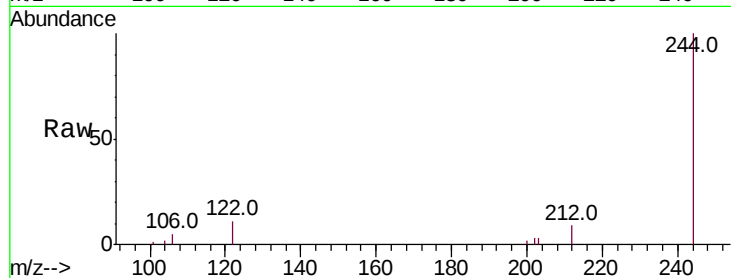
Tot Ion:244 Resp: 21523

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.4

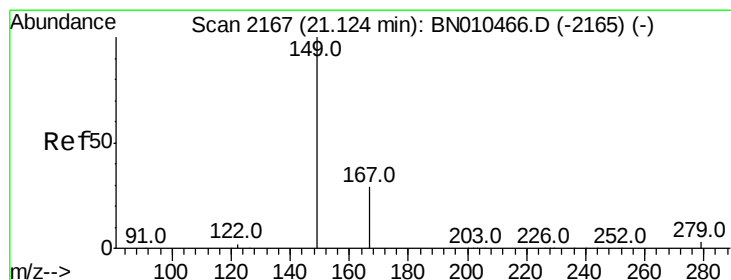
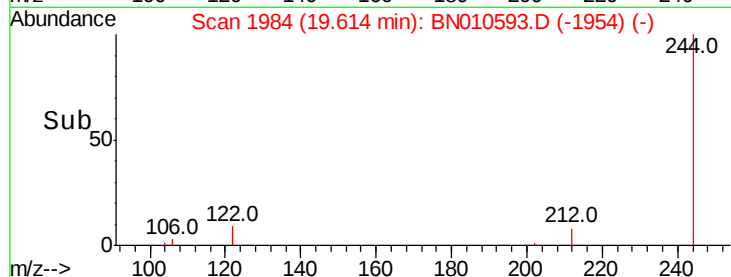
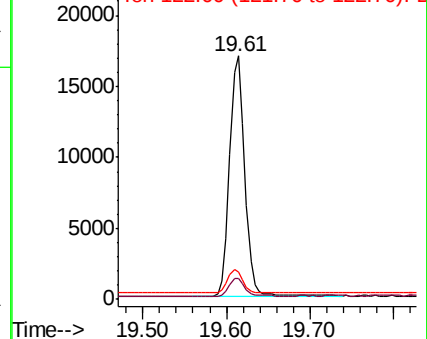
122 11.2 7.8 11.8



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: 0.072 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN010593.D

Acq: 24 Apr 2020 17:49

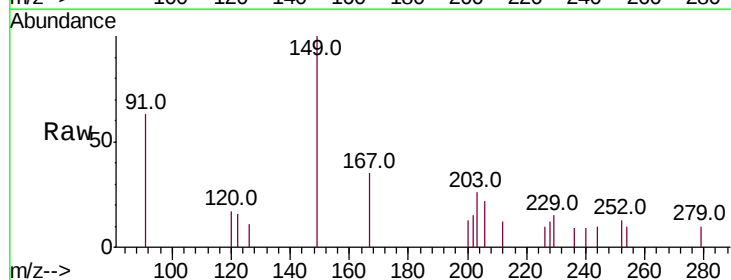
Tgt Ion:149 Resp: 2134

Ion Ratio Lower Upper

149 100

167 28.2 23.4 35.0

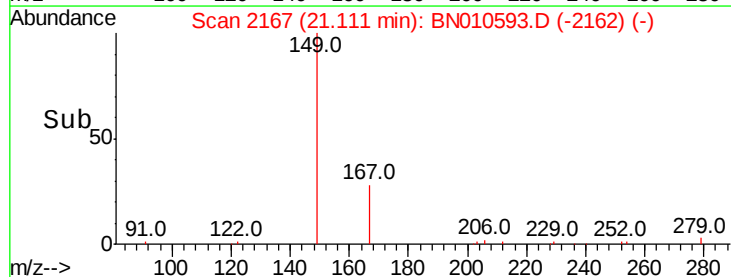
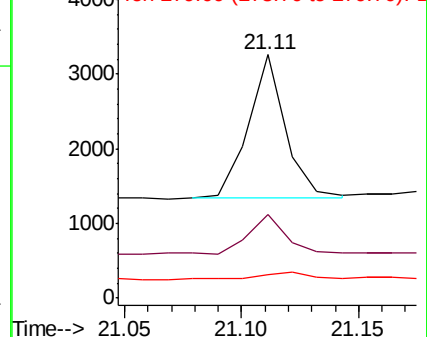
279 5.0 4.0 6.0

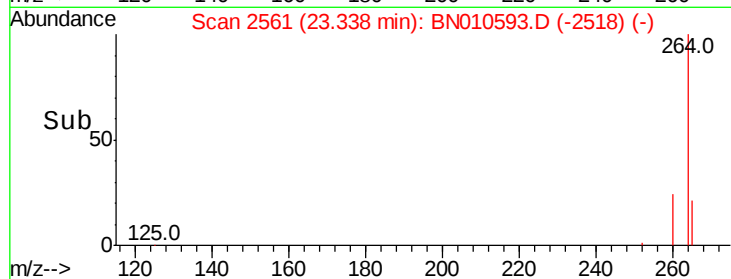
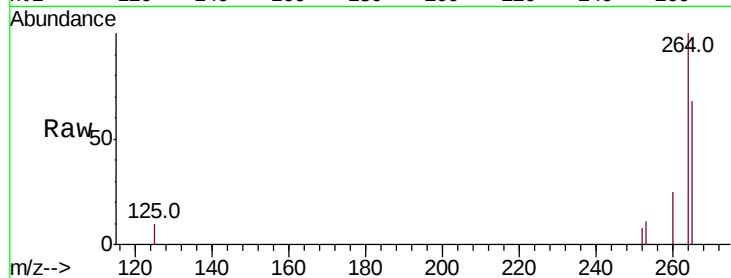
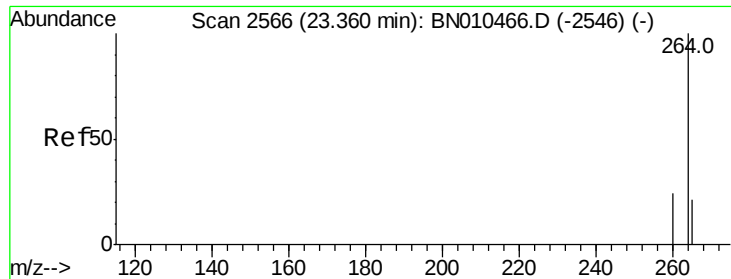


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2561
 Delta R.T. -0.00 min
 Lab File: BN010593.D
 Acq: 24 Apr 2020 17:49

Instrument :
 BNA_N
 ClientSampleId :
 DUP-2020-04-16

Tot Ion:264 Resp: 16287
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.8 29.8
 265 68.4 42.3 63.5

