

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010970.D
 Acq On : 19 Jun 2020 15:12
 Operator : CG/JU
 Sample : L3043-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20200615

Quant Time: Jun 19 15:52:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

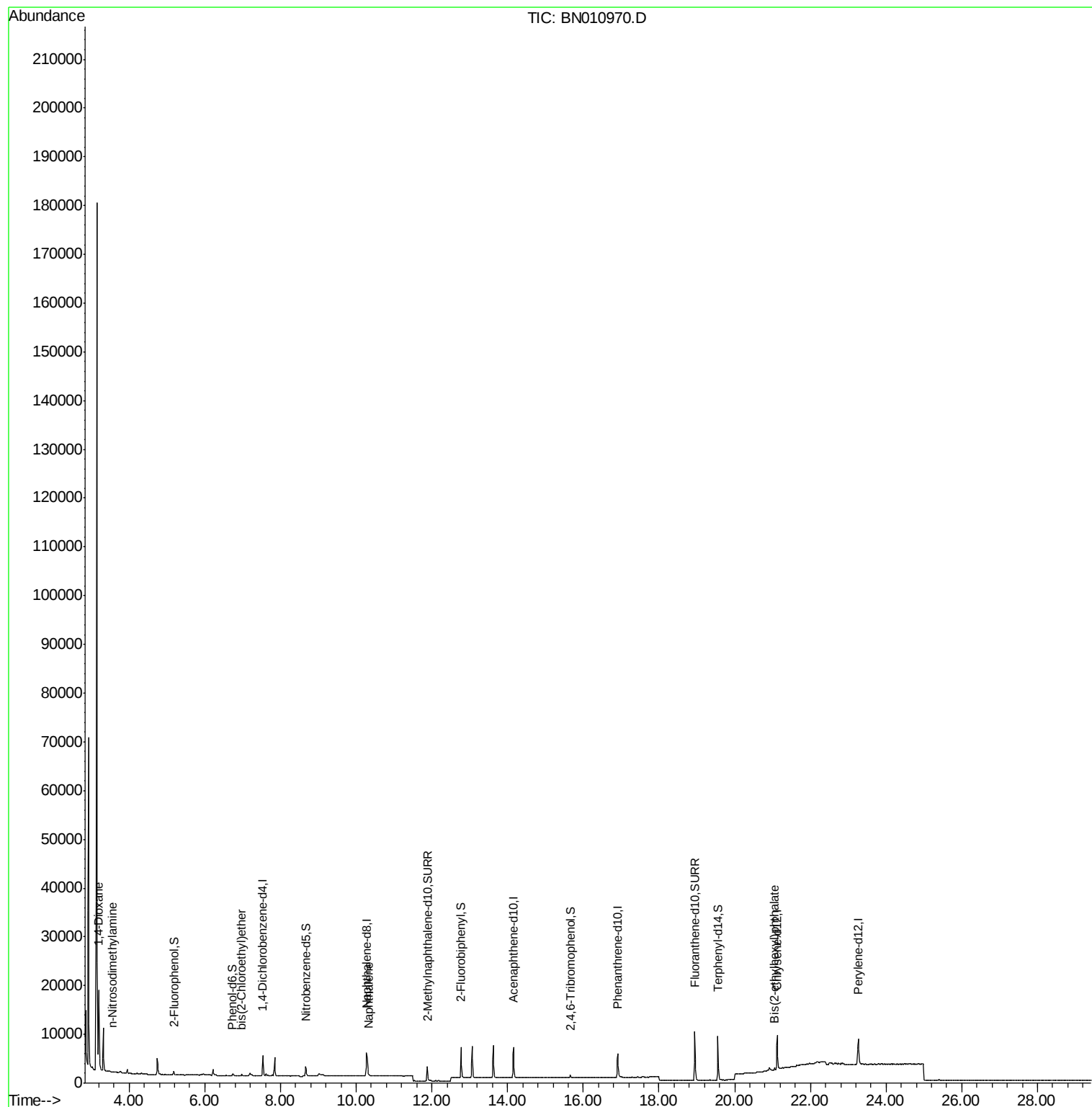
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2038	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7343	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	3821	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8227	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7805	0.40	ng	0.00
34) Perylene-d12	23.26	264	7814	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	619	0.16	ng	0.00
5) Phenol-d6	6.73	99	413	0.09	ng	0.00
8) Nitrobenzene-d5	8.67	82	2176	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4787	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	534	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	6105	0.40	ng	0.00
25) Fluoranthene-d10	18.95	212	13189	0.58	ng	0.00
29) Terphenyl-d14	19.56	244	9874	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.20	88	11432	5.727	ng	98
3) n-Nitrosodimethylamine	3.55	42	25	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	6.98	93	338	0.075	ng	98
9) Naphthalene	10.32	128	377	0.020	ng	# 32
32) Bis(2-ethylhexyl)phthalate	21.06	149	468	0.061	ng	93

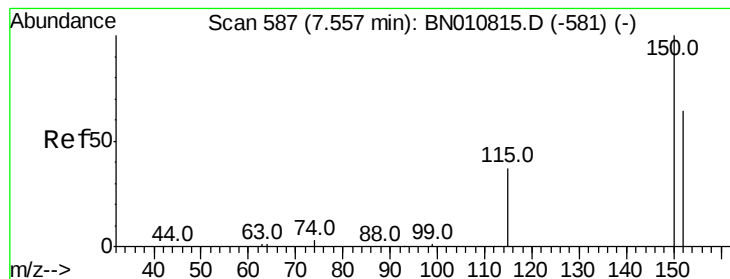
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration



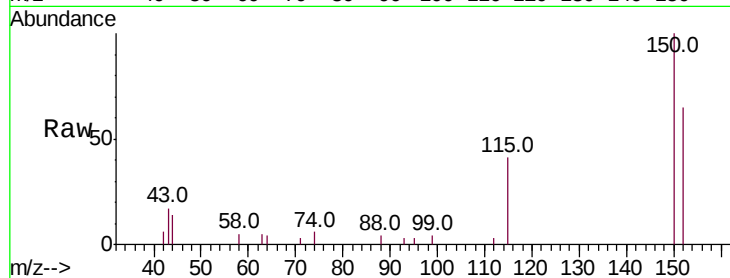


#1

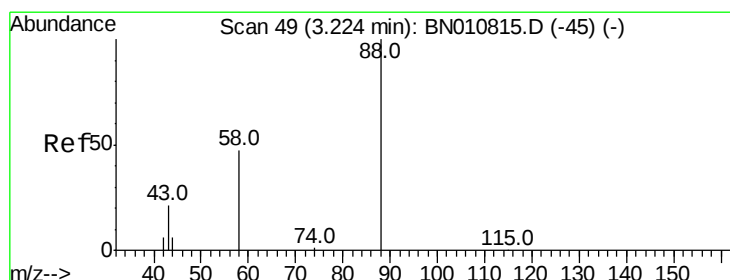
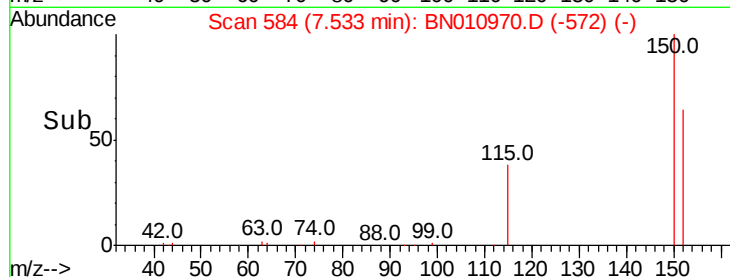
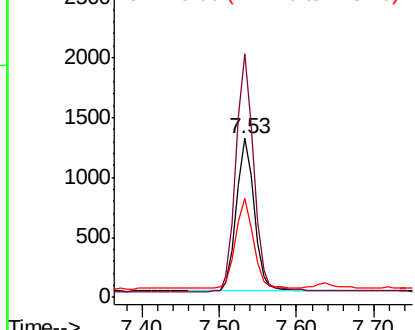
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010970.D
Acq: 19 Jun 2020 15:12

Instrument :
BNA_N
ClientSampleId :
DUP05-20200615

Tot Ion:152 Resp: 2038
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 62.6 49.2 73.8



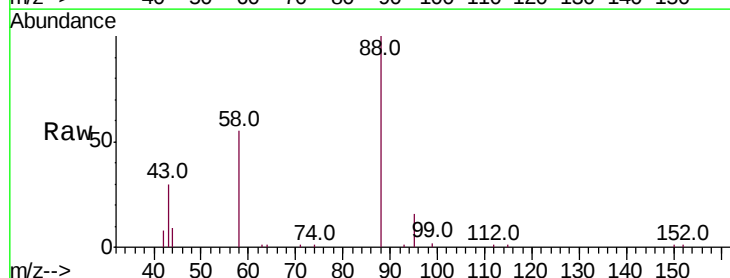
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



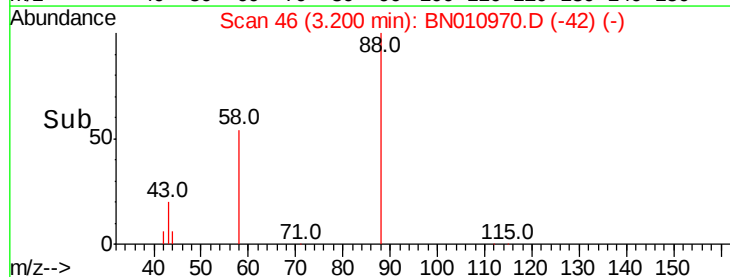
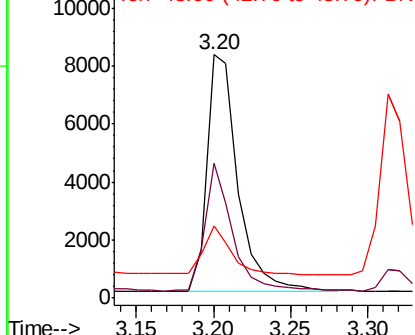
#2

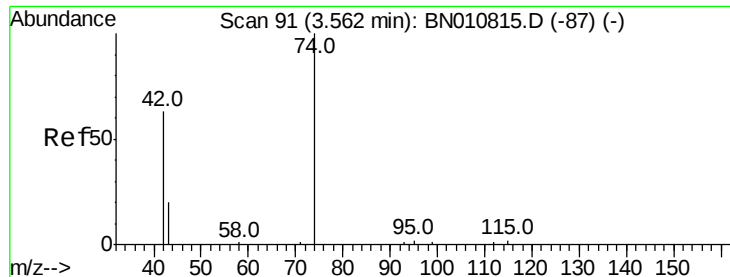
1,4-Dioxane
Concen: 5.727 ng
RT: 3.20 min Scan# 46
Delta R.T. -0.02 min
Lab File: BN010970.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 88 Resp: 11432
Ion Ratio Lower Upper
88 100
58 46.2 38.2 57.4
43 18.6 15.1 22.7



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: 0.022 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.03 min

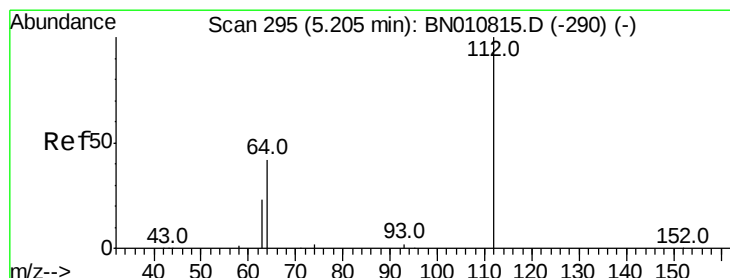
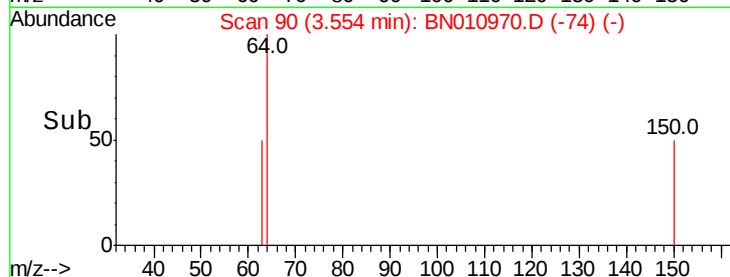
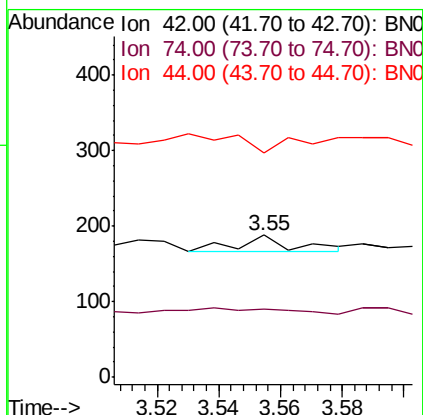
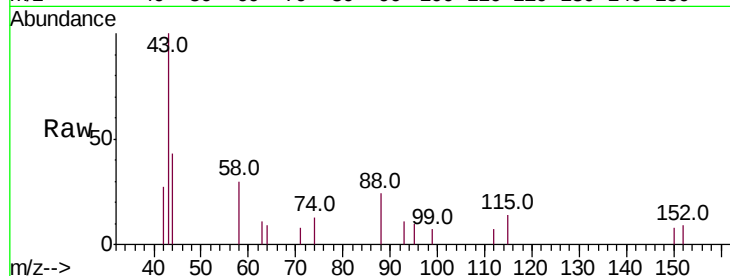
Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :
BNA_N
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DUP05-20200615

Tot Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
74	0.0	140.7	211.1#
44	196.0	1.4	2.2#



#4

2-Fluorophenol

Concen: 0.157 ng

RT: 5.18 min Scan# 292

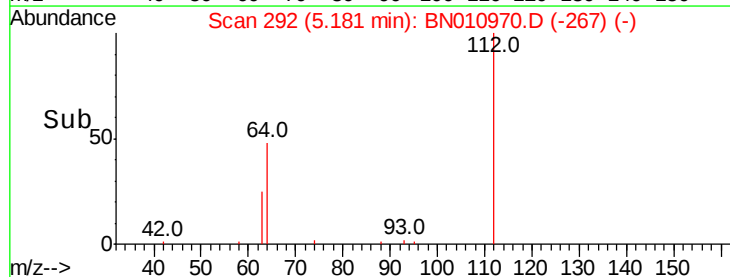
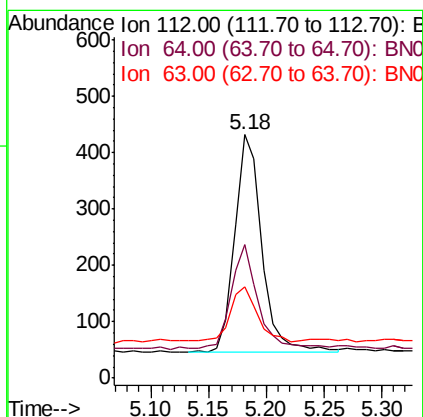
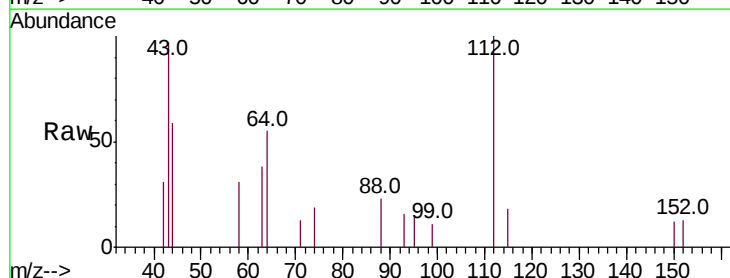
Delta R.T. -0.00 min

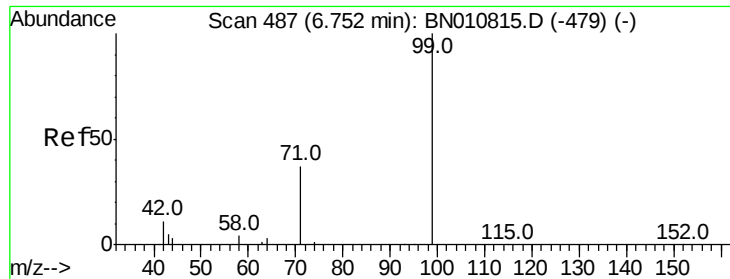
Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Tgt Ion: 112 Resp: 619

Ion	Ratio	Lower	Upper
112	100		
64	47.5	37.4	56.0
63	26.8	22.2	33.4





#5

Phenol-d6

Concen: 0.089 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

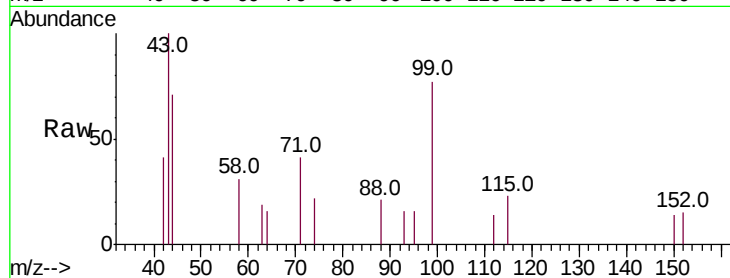
Tot Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 19.4 11.1 16.7#

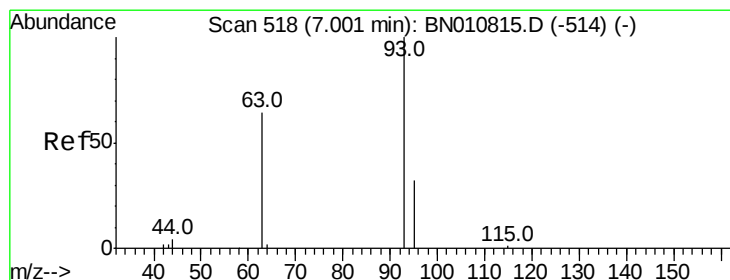
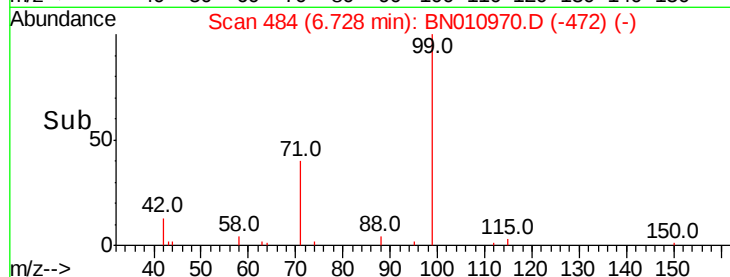
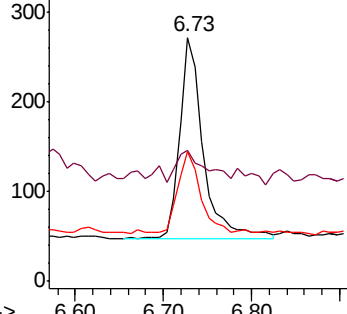
71 39.7 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.075 ng

RT: 6.98 min Scan# 515

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

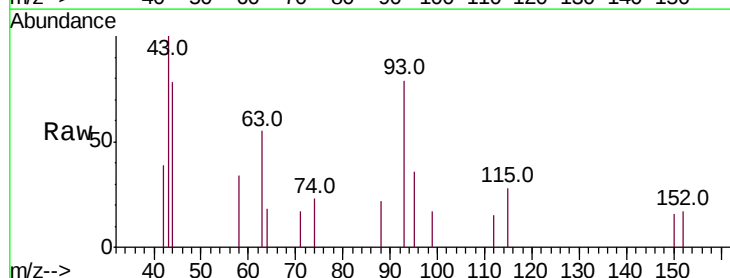
Tgt Ion: 93 Resp: 338

Ion Ratio Lower Upper

93 100

63 60.1 49.4 74.2

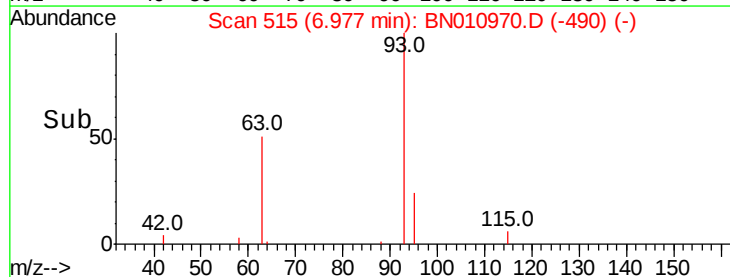
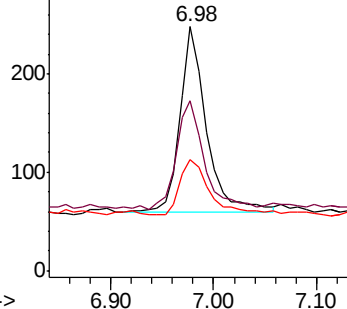
95 34.0 26.7 40.1

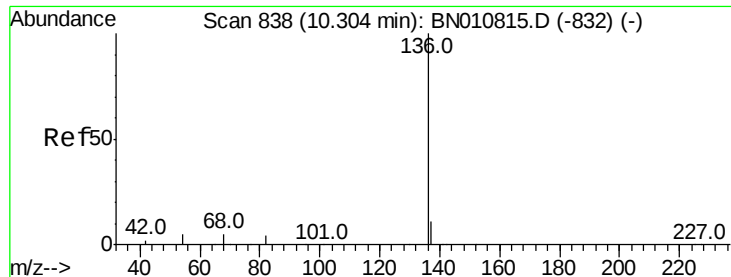


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

Tot Ion:136 Resp: 7343

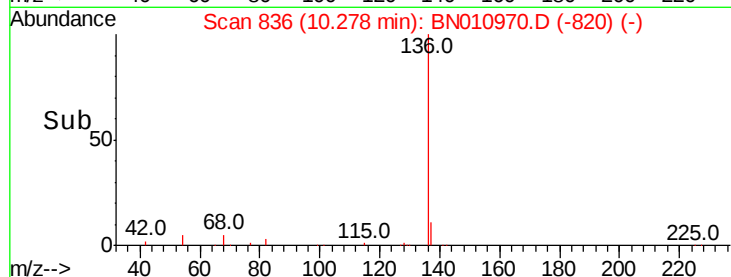
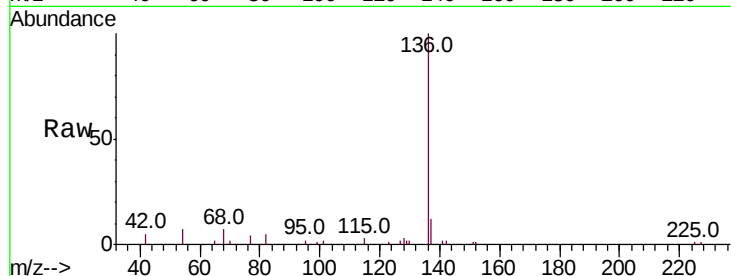
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 6.5 4.9 7.3

68 6.9 4.7 7.1

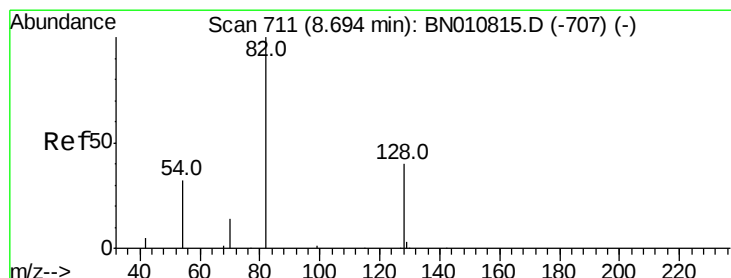
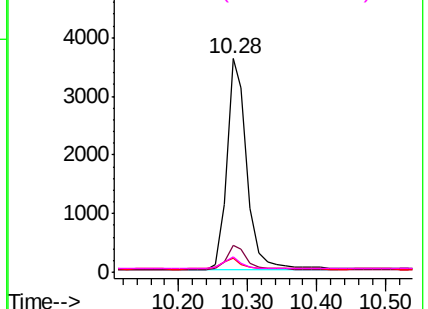


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

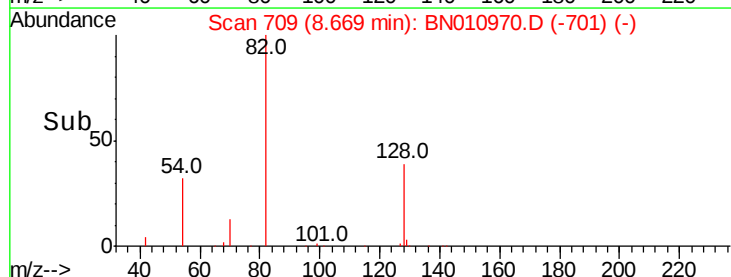
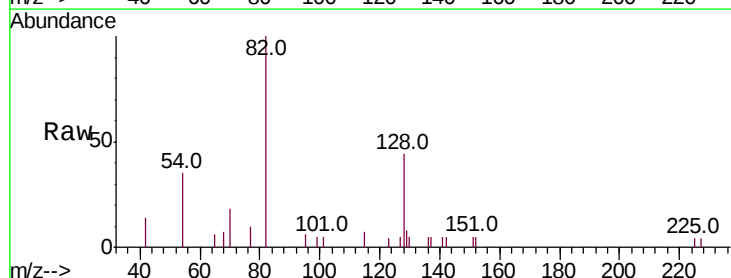
Tgt Ion: 82 Resp: 2176

Ion Ratio Lower Upper

82 100

128 43.6 35.4 53.0

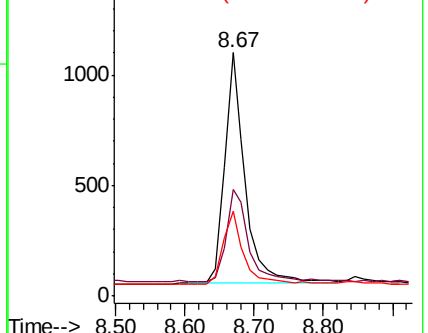
54 35.0 28.2 42.4

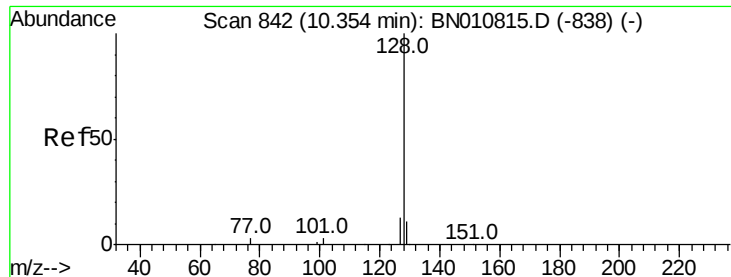


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.020 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

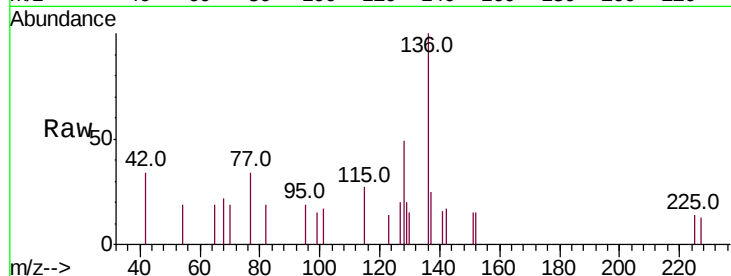
Tot Ion:128 Resp: 377

Ion Ratio Lower Upper

128 100

129 41.0 9.6 14.4#

127 39.8 11.4 17.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.32

150

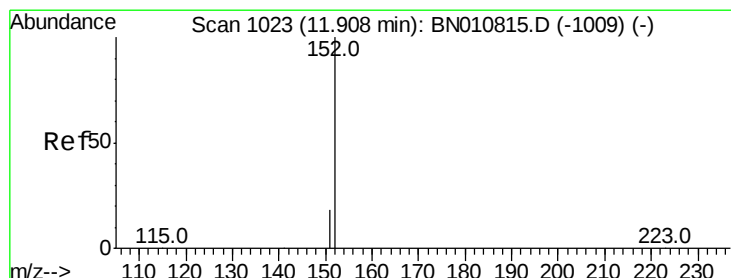
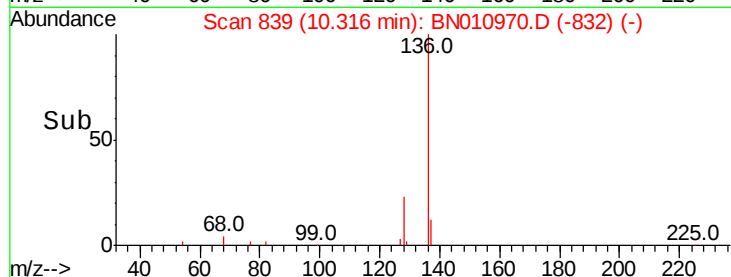
100

50

0

10.20 10.30 10.40 10.50

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 11.88 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BN010970.D

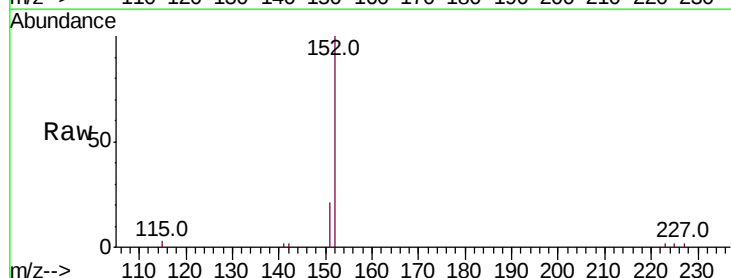
Acq: 19 Jun 2020 15:12

Tgt Ion:152 Resp: 4787

Ion Ratio Lower Upper

152 100

151 21.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

3000

2500

2000

1500

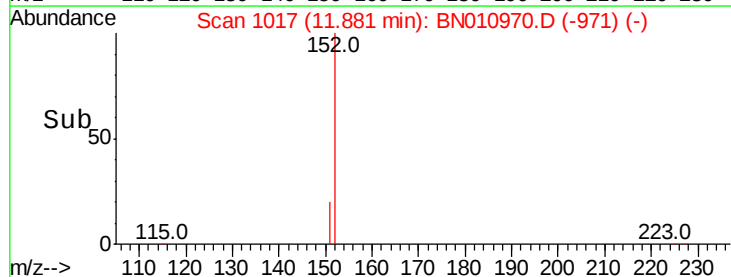
1000

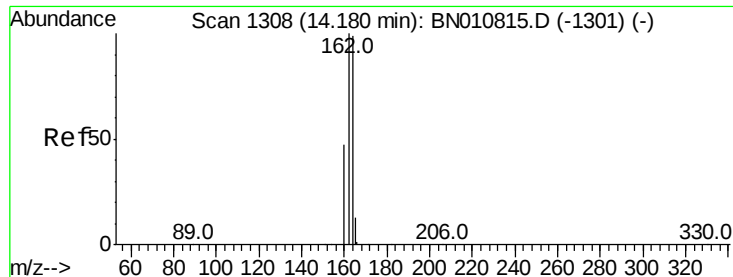
500

0

11.80 11.90 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

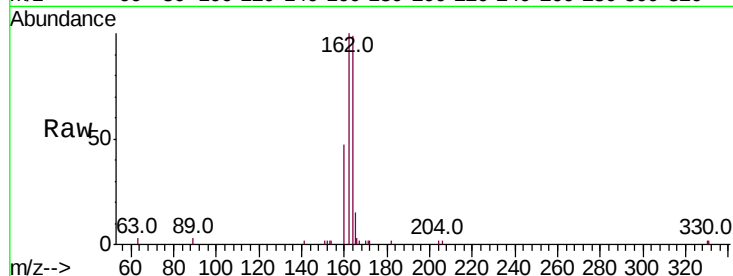
Tot Ion:164 Resp: 3821

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.6

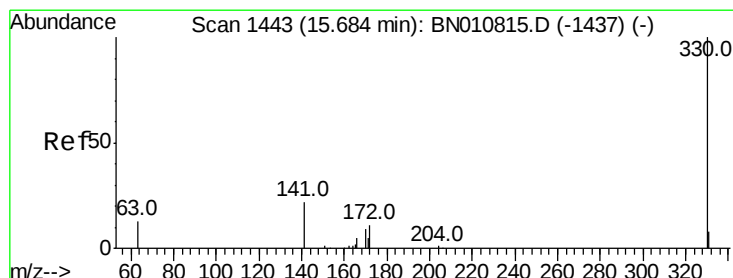
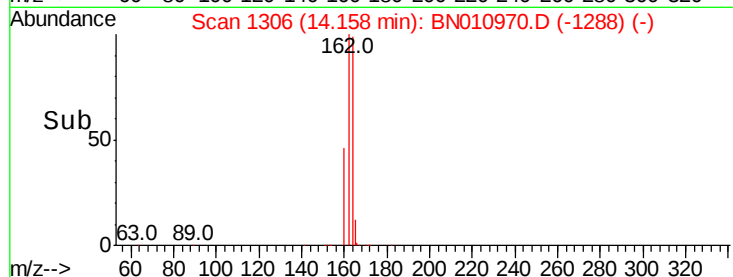
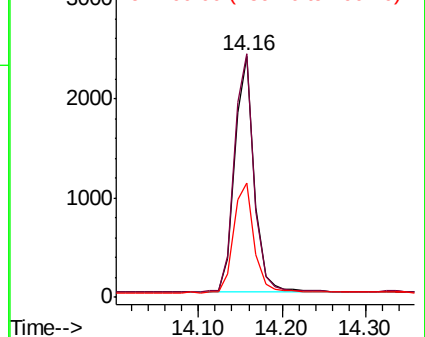
160 47.5 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

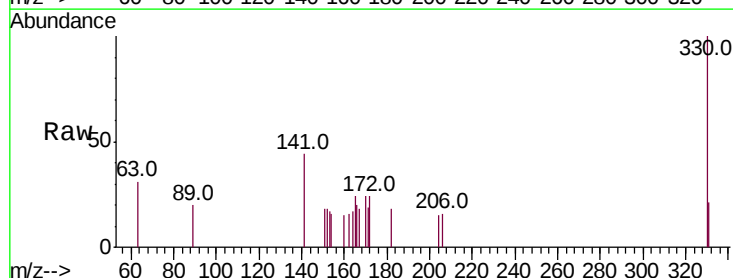
Tgt Ion:330 Resp: 534

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

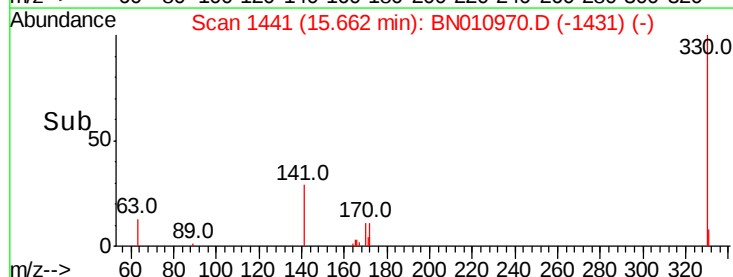
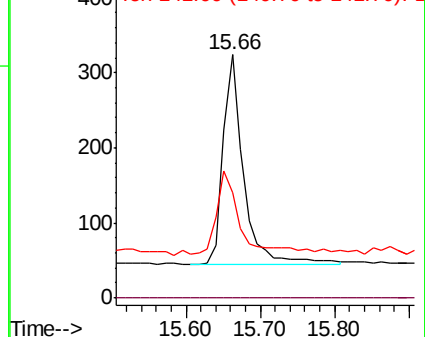
141 52.2 33.2 49.8#

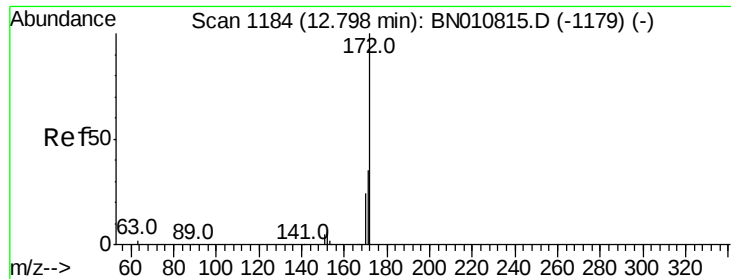


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

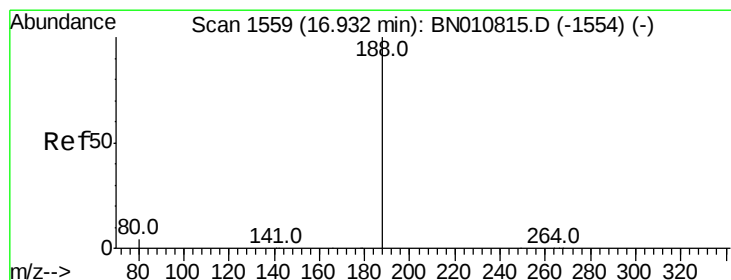
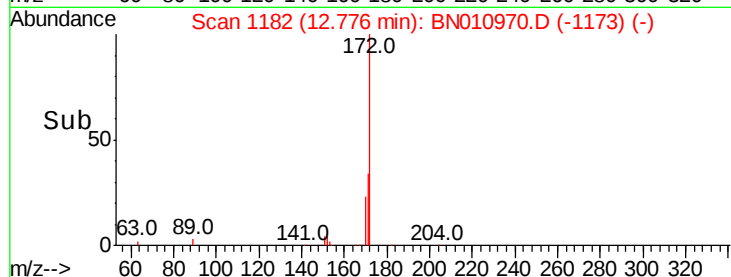
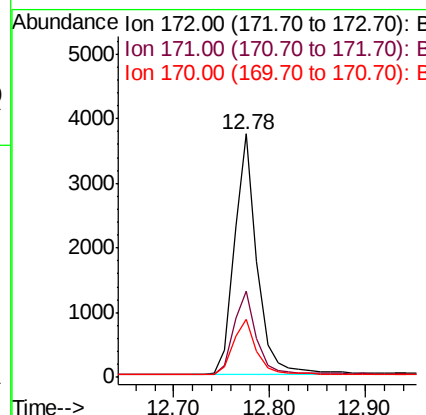
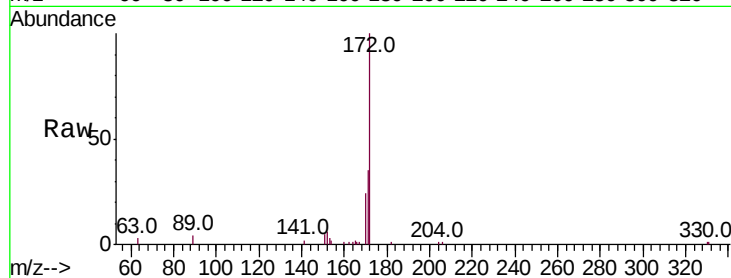




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010970.D
Acq: 19 Jun 2020 15:12

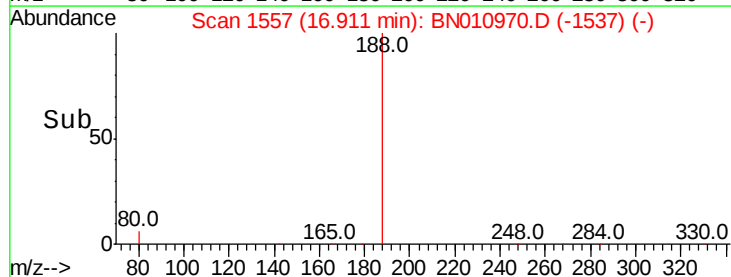
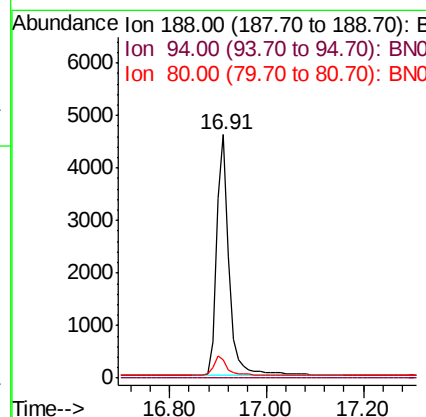
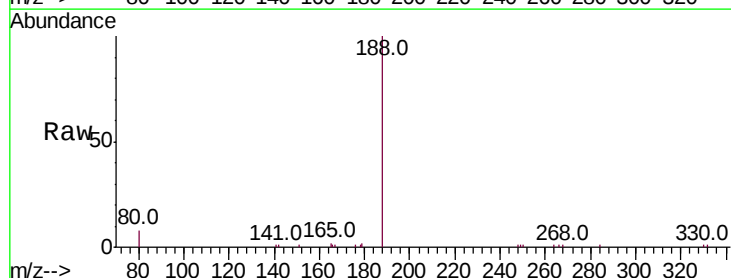
Instrument :
BNA_N
ClientSampleId :
DUP05-20200615

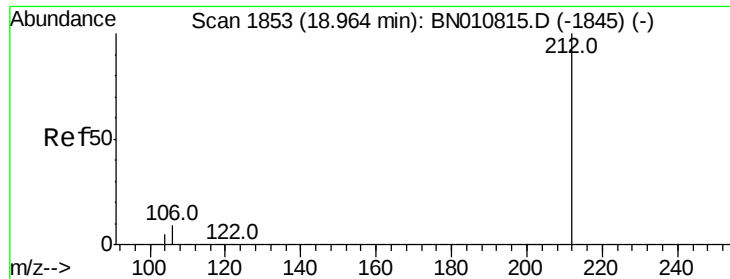
Tot Ion:172 Resp: 6105
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010970.D
Acq: 19 Jun 2020 15:12

Tgt Ion:188 Resp: 8227
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.581 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

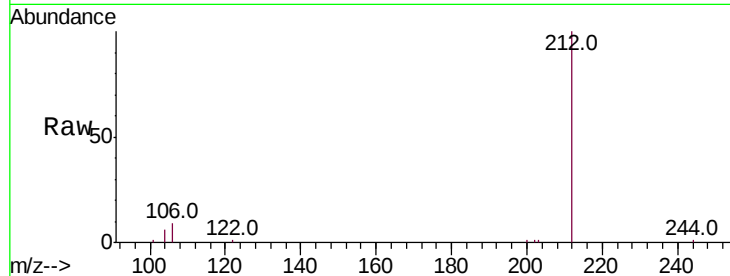
Tot Ion:212 Resp: 13189

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

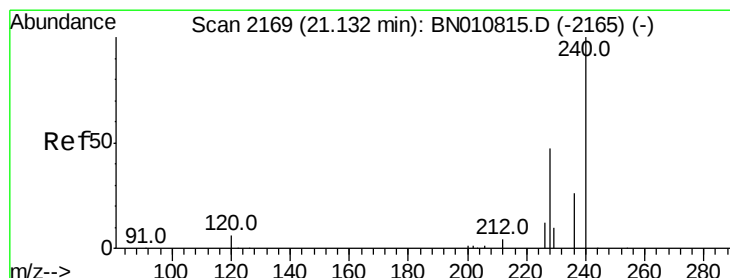
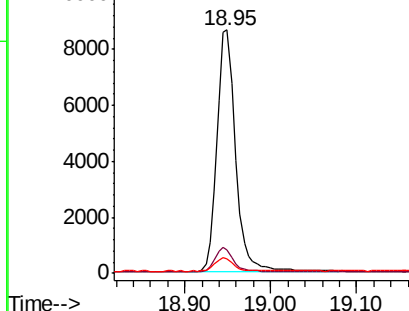
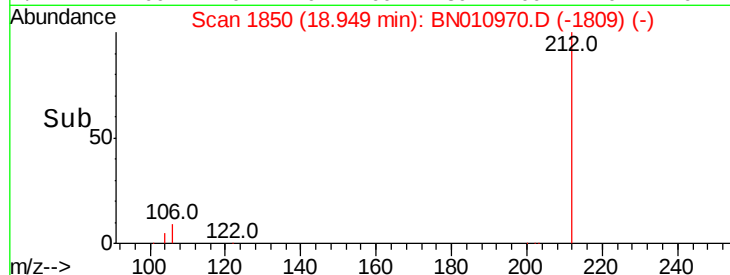
104 5.4 4.0 6.0



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

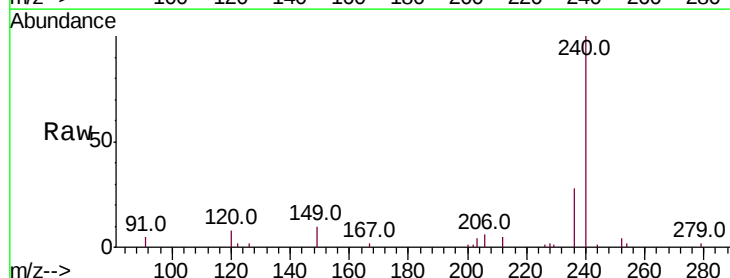
Tgt Ion:240 Resp: 7805

Ion Ratio Lower Upper

240 100

120 7.9 7.5 11.3

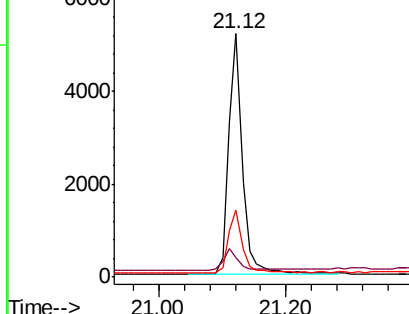
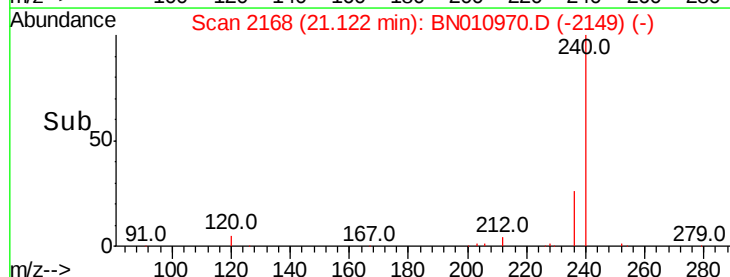
236 27.6 22.3 33.5

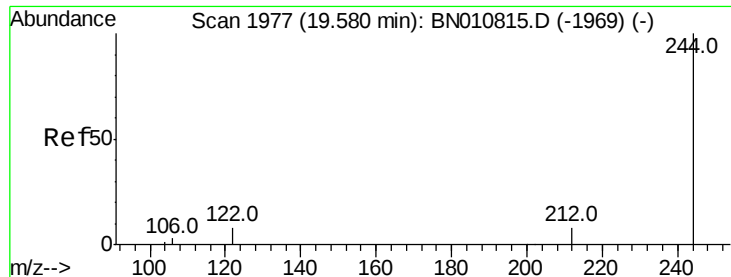


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.540 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

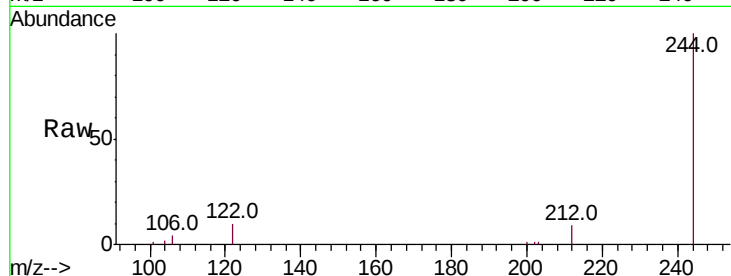
Tot Ion:244 Resp: 9874

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

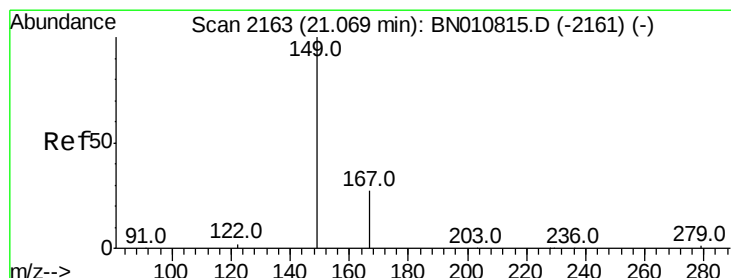
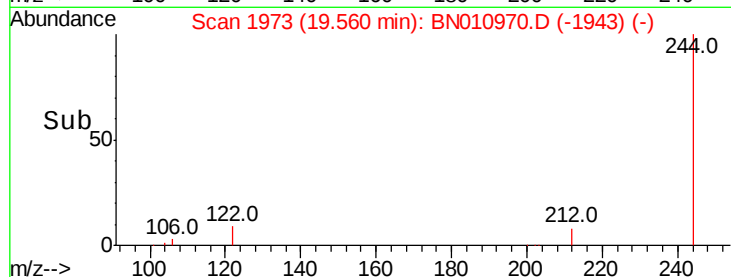
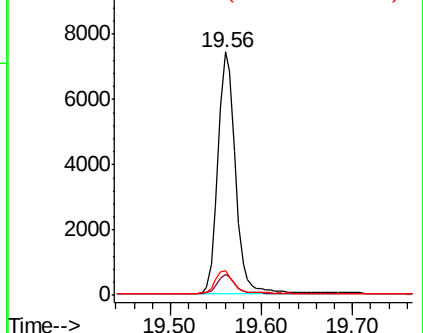
122 10.0 7.5 11.3



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: 0.061 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

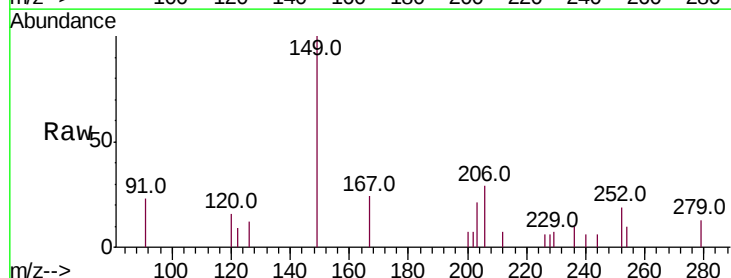
Tgt Ion:149 Resp: 468

Ion Ratio Lower Upper

149 100

167 25.4 24.1 36.1

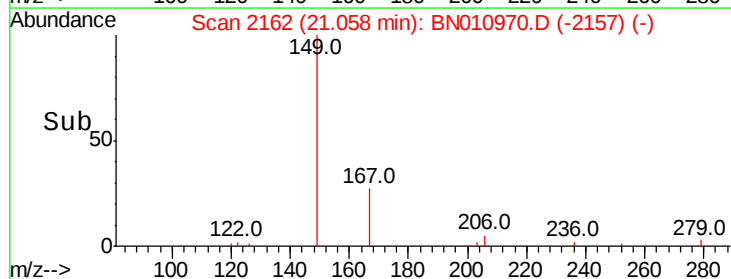
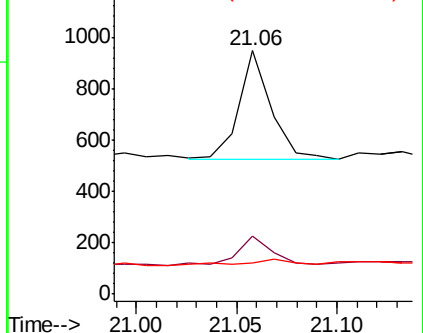
279 6.2 4.6 7.0

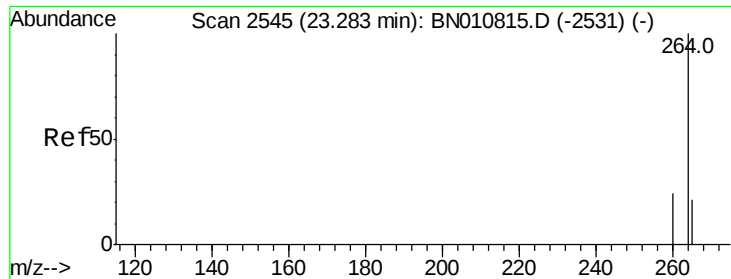


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.26 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BN010970.D

Acq: 19 Jun 2020 15:12

Instrument :

BNA_N

ClientSampleId :

DUP05-20200615

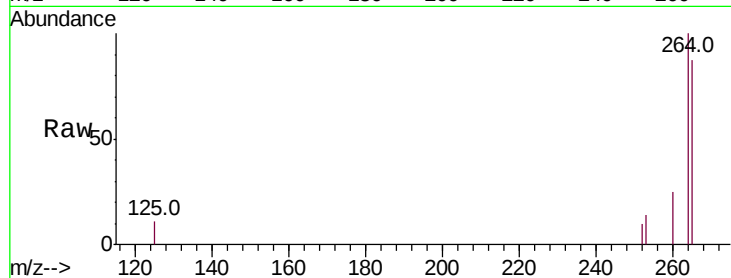
Tot Ion: 264 Resp: 7814

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

265 86.5 75.0 112.4



Abundance Ion 264.00 (263.70 to 264.70): E

5000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

