

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062920\
 Data File : BN011070.D
 Acq On : 29 Jun 2020 16:56
 Operator : CG/JU
 Sample : L3117-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624

Quant Time: Jun 29 17:27:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

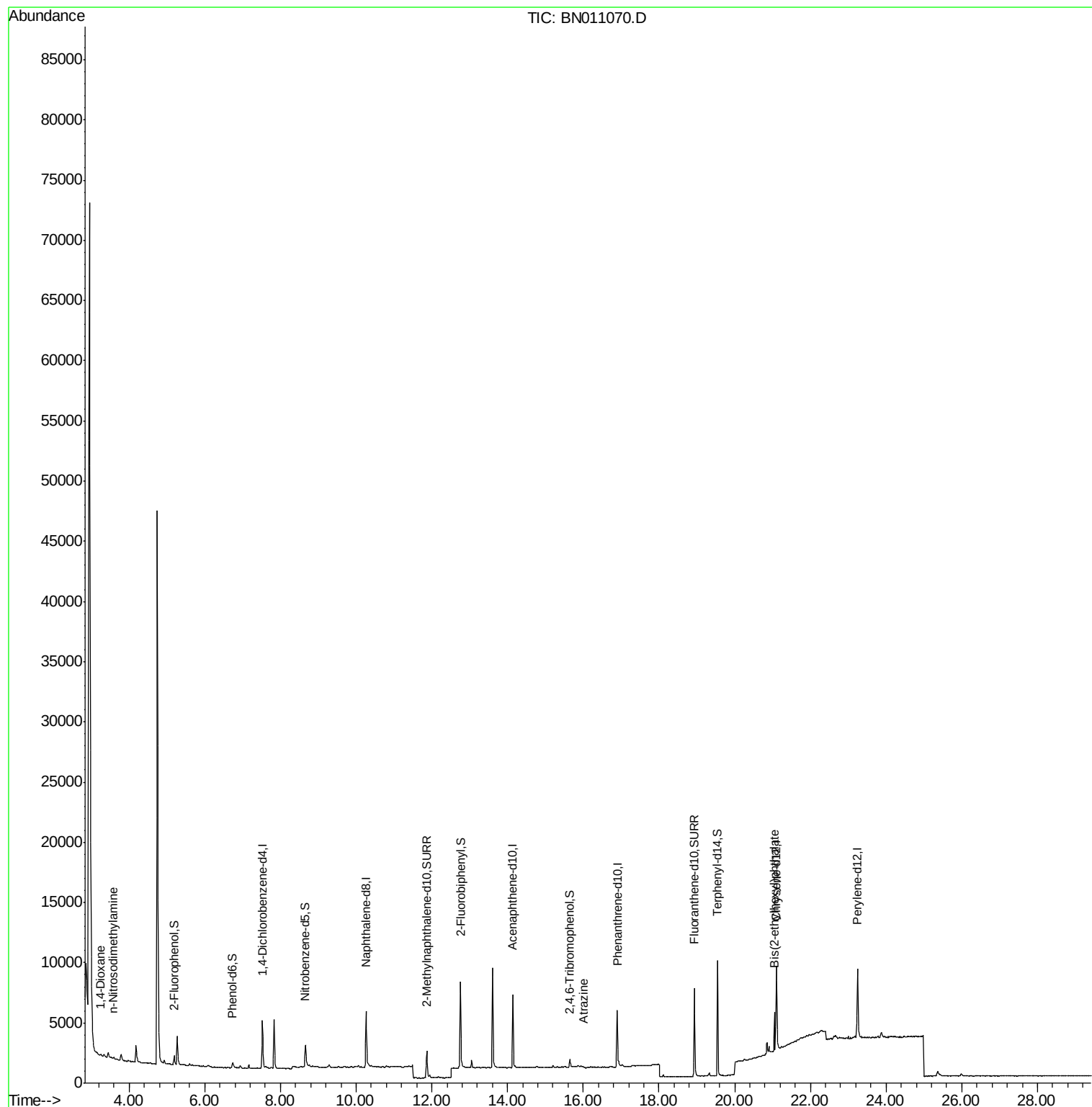
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2252	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	7523	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	4135	0.40	ng	-0.01
19) Phenanthrene-d10	16.90	188	8718	0.40	ng	0.00
29) Chrysene-d12	21.10	240	7881	0.40	ng	-0.01
36) Perylene-d12	23.25	264	7959	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	965	0.15	ng	0.00
5) Phenol-d6	6.73	99	564	0.08	ng	0.00
8) Nitrobenzene-d5	8.66	82	2566	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	3834	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	624	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	7932	0.41	ng	0.00
27) Fluoranthene-d10	18.93	212	9339	0.34	ng	0.00
31) Terphenyl-d14	19.55	244	10659	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	185	0.061	ng	# 43
3) n-Nitrosodimethylamine	3.58	42	47	0.028	ng	# 1
23) Atrazine	16.01	200	107	0.024	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.05	149	2546	0.232	ng	98

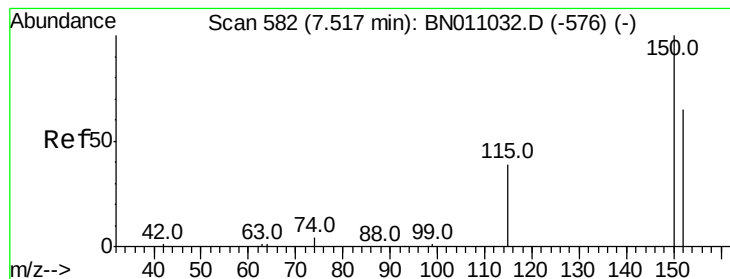
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 11:59:47 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

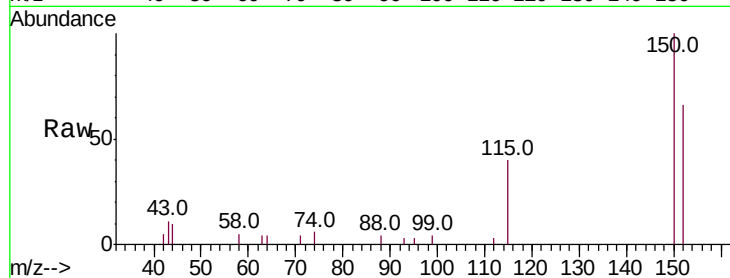
Tot Ion:152 Resp: 2252

Ion Ratio Lower Upper

152 100

150 150.6 121.8 182.8

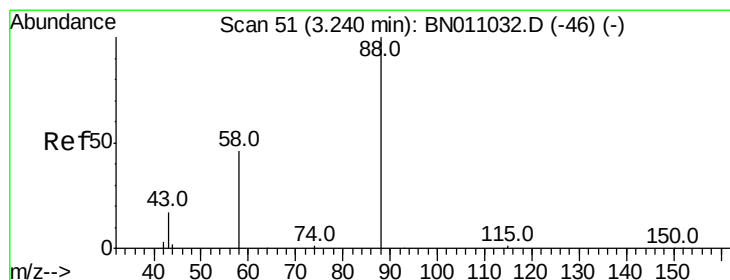
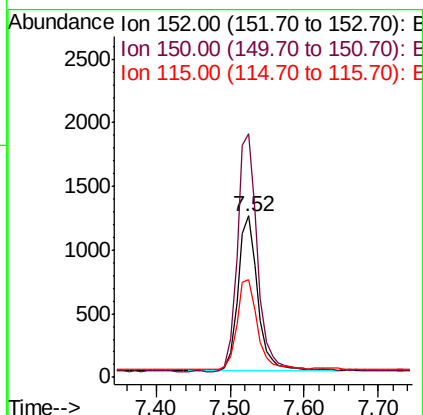
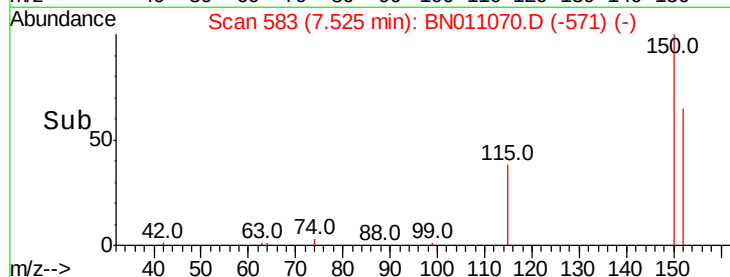
115 60.5 50.2 75.2



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: 0.061 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.00 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

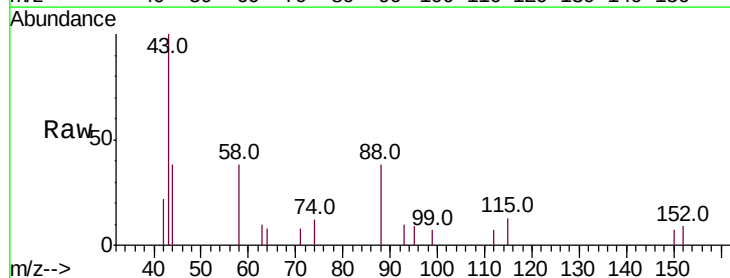
Tgt Ion: 88 Resp: 185

Ion Ratio Lower Upper

88 100

58 40.5 38.4 57.6

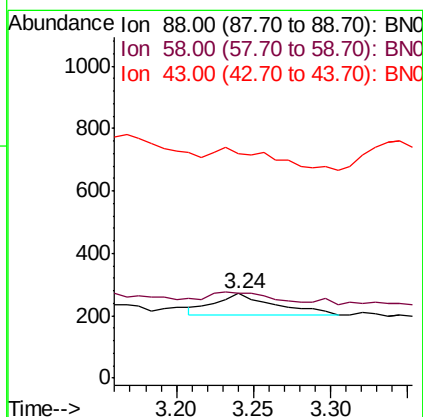
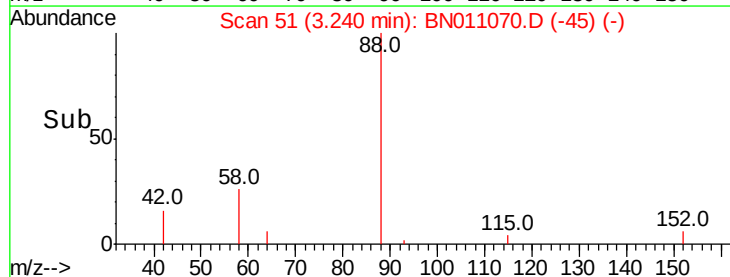
43 96.8 14.2 21.4#

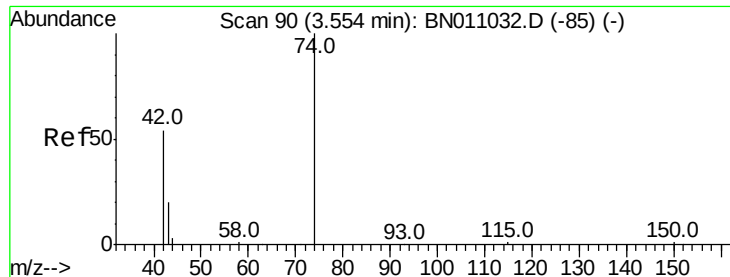


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



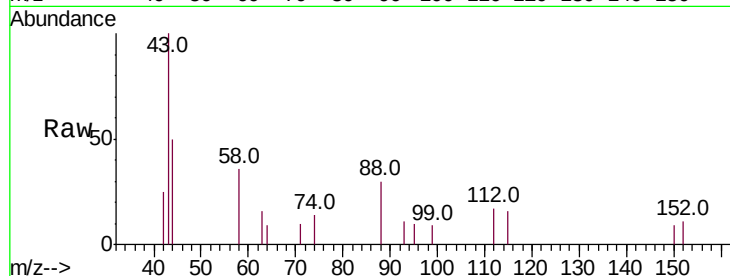


#3

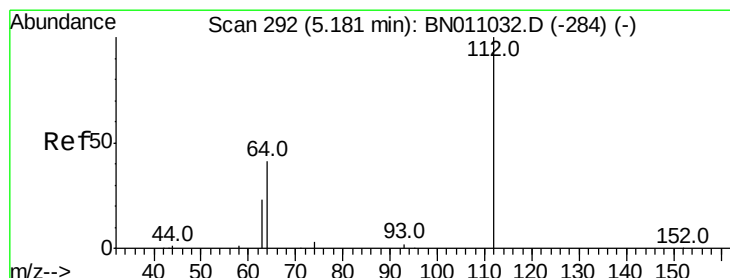
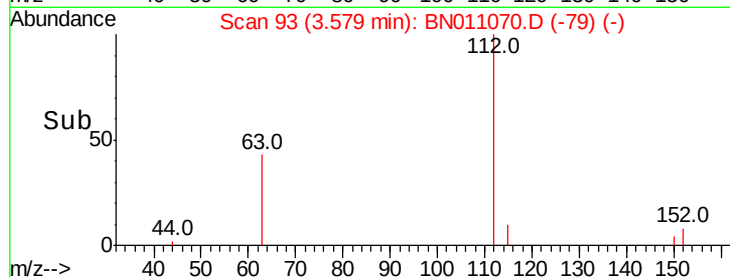
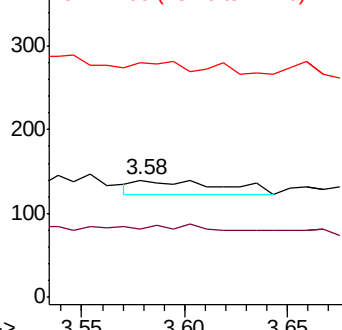
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.02 min
Lab File: BN011070.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_N
ClientSampleId :
KY038PS037-200624

Tot Ion: 42 Resp: 47
Ion Ratio Lower Upper
42 100
74 0.0 154.8 232.2#
44 0.0 4.8 7.2#



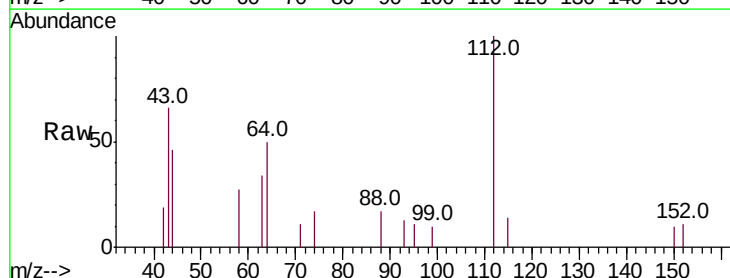
Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



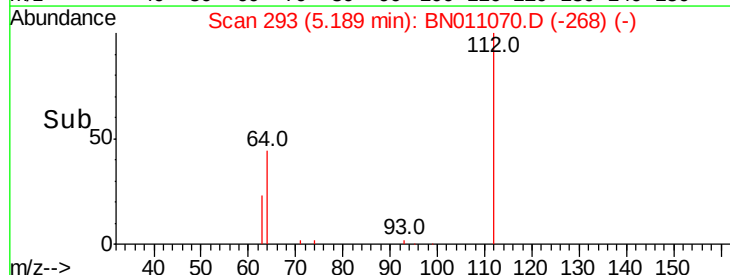
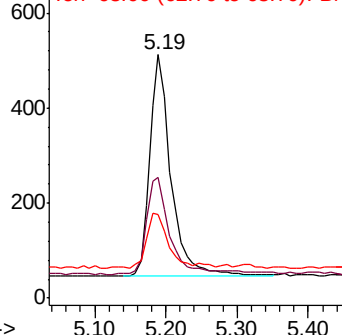
#4

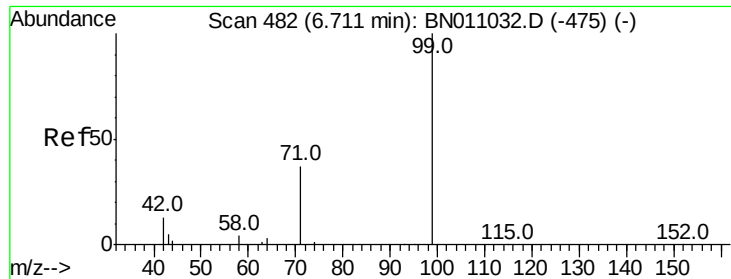
2-Fluorophenol
Concen: 0.152 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN011070.D
Acq: 29 Jun 2020 16:56

Tgt Ion: 112 Resp: 965
Ion Ratio Lower Upper
112 100
64 46.5 37.3 55.9
63 24.6 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.075 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

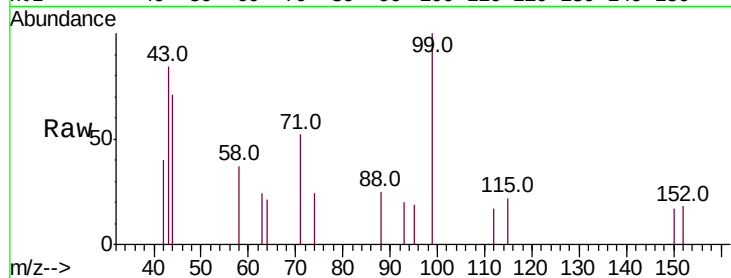
Tot Ion: 99 Resp: 564

Ion Ratio Lower Upper

99 100

42 13.3 10.6 16.0

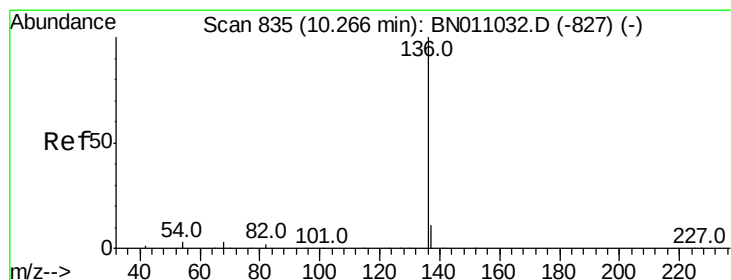
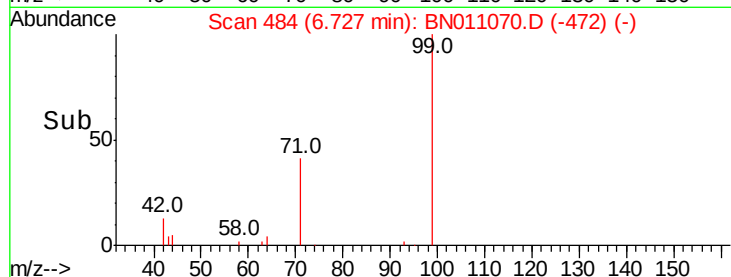
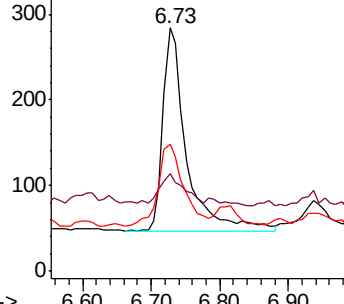
71 43.3 28.7 43.1#



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Tgt Ion: 136 Resp: 7523

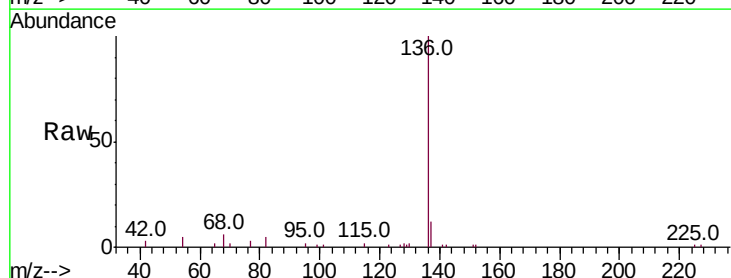
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.3 3.0 4.4#

68 5.8 3.4 5.2#

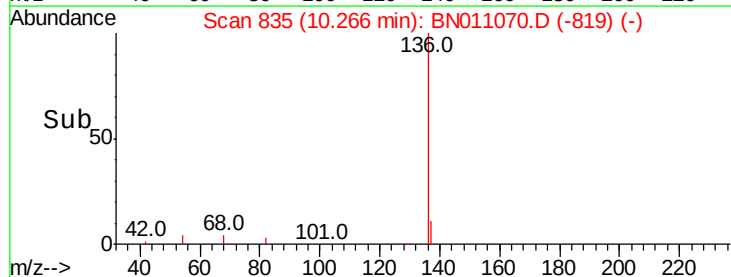
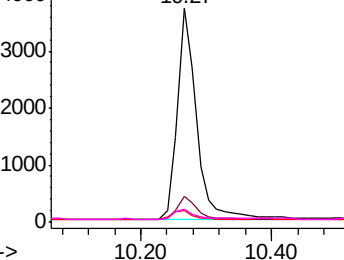


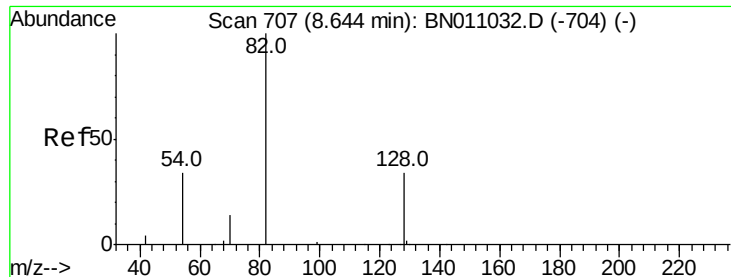
Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN011032.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011032.D (-827) (-)





#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

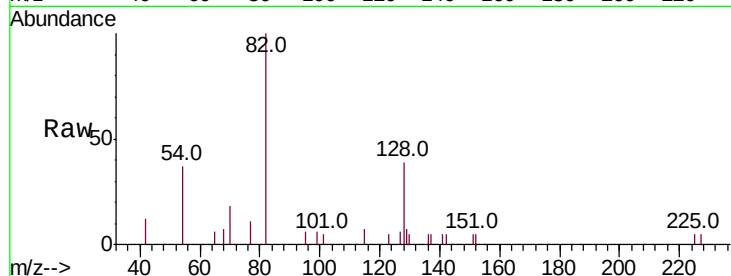
Tot Ion: 82 Resp: 2566

Ion Ratio Lower Upper

82 100

128 39.4 29.4 44.2

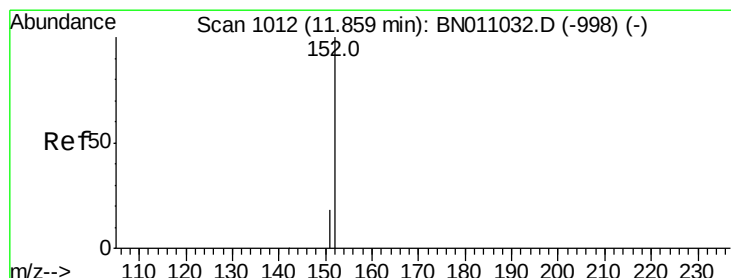
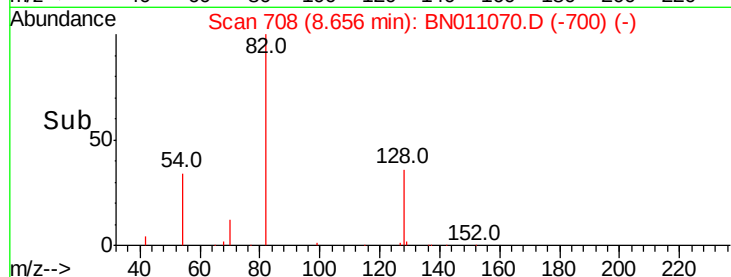
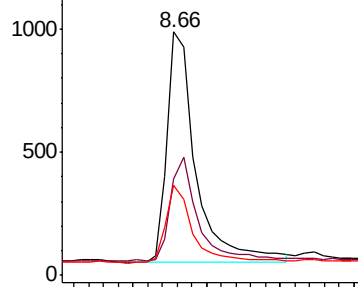
54 37.2 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BN011032.D (-704) (-)

Ion 128.00 (127.70 to 128.70): BN011032.D (-704) (-)

Ion 54.00 (53.70 to 54.70): BN011032.D (-704) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.289 ng

RT: 11.86 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BN011070.D

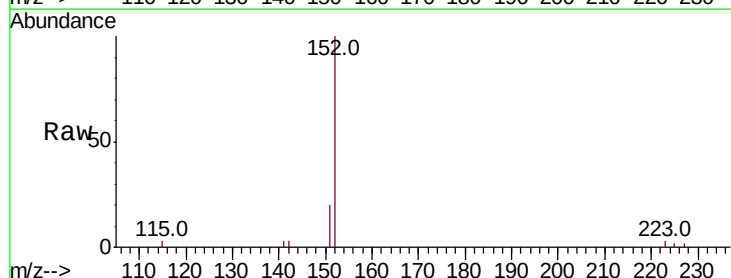
Acq: 29 Jun 2020 16:56

Tgt Ion: 152 Resp: 3834

Ion Ratio Lower Upper

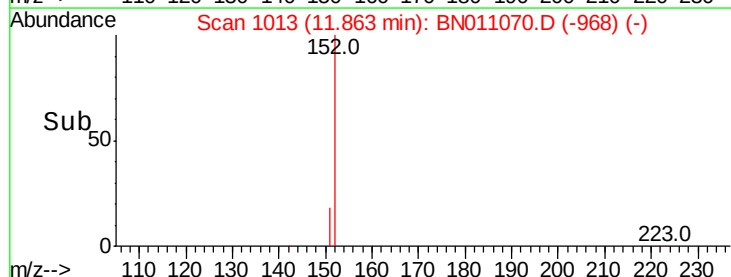
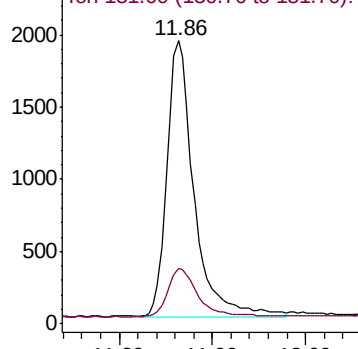
152 100

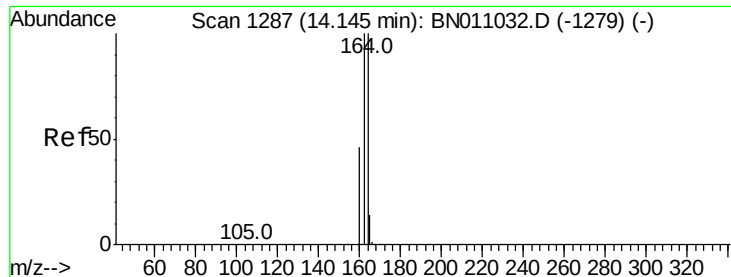
151 19.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BN011032.D (-998) (-)

Ion 151.00 (150.70 to 151.70): BN011032.D (-998) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

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ClientSampleId :

KY038PS037-200624

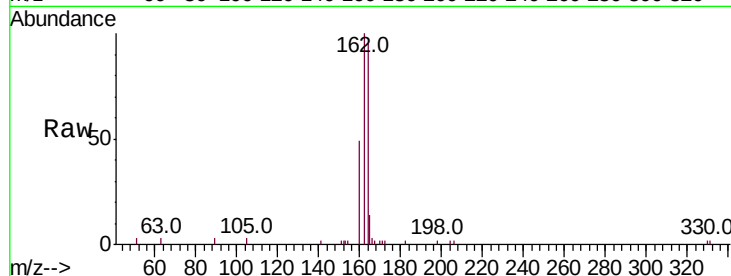
Tot Ion:164 Resp: 4135

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.4

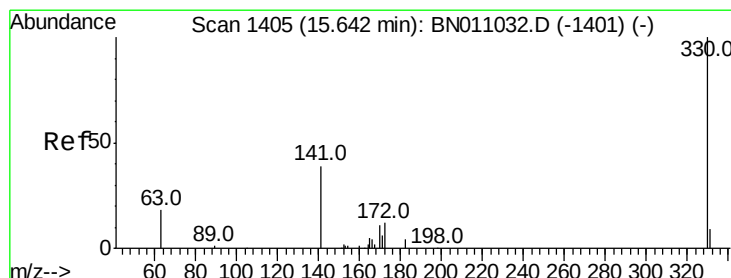
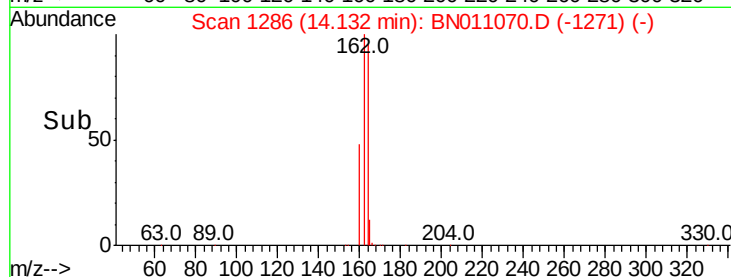
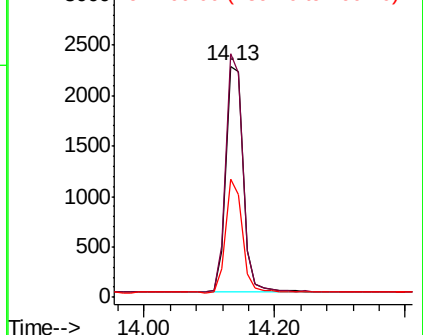
160 51.2 37.7 56.5



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: 0.343 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

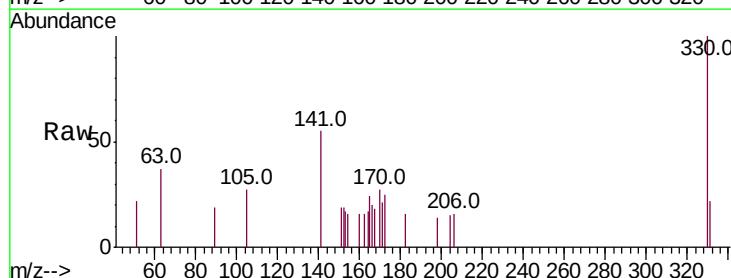
Tgt Ion:330 Resp: 624

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

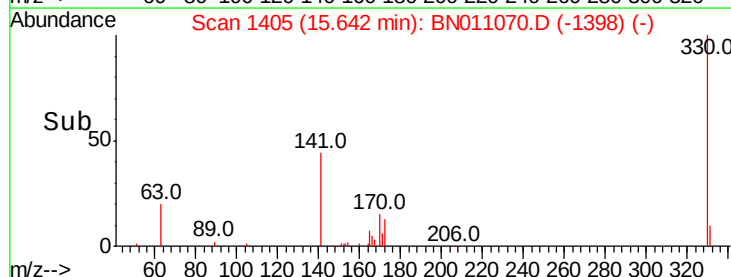
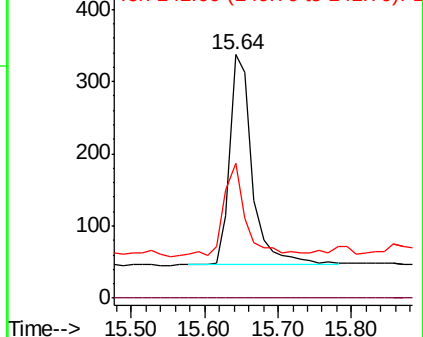
141 41.7 34.5 51.7

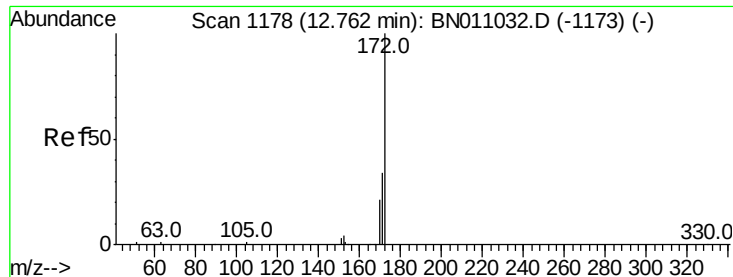


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



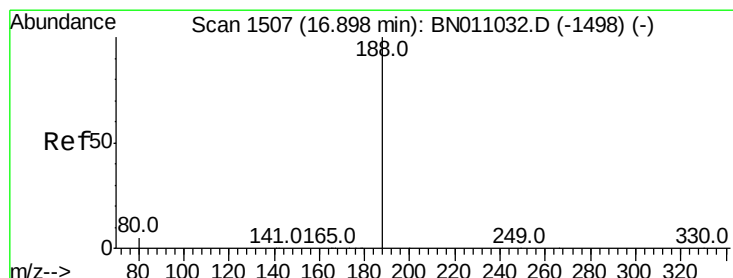
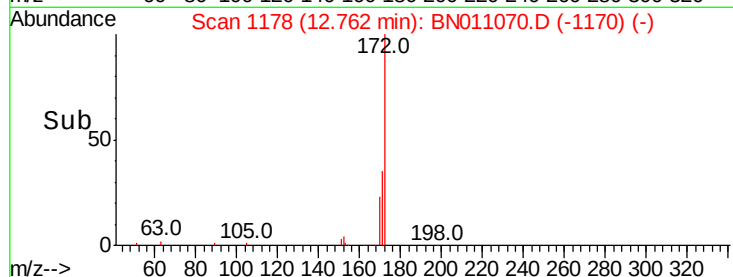
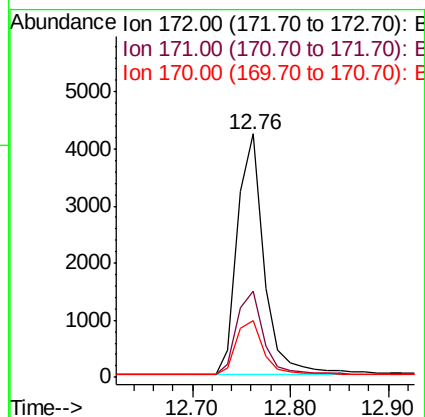
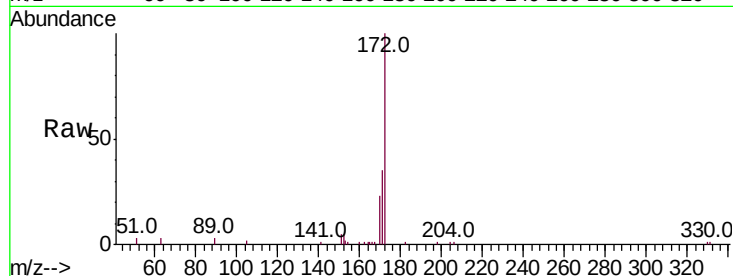


#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011070.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:172 Resp: 7932

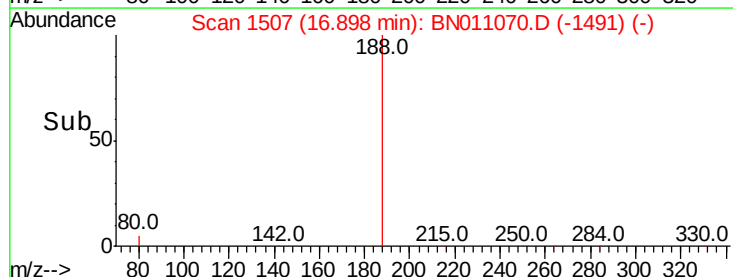
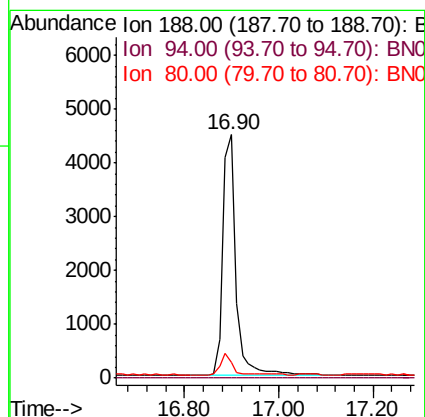
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.4	41.2
170	23.4	17.5	26.3

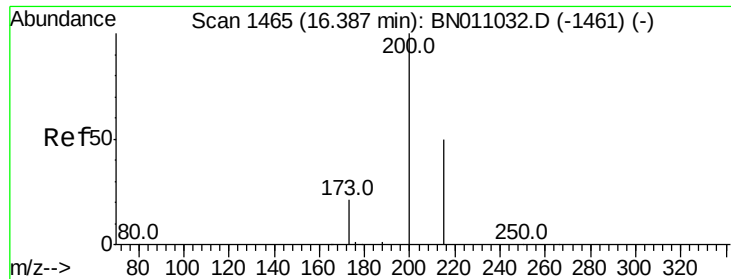


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011070.D
Acq: 29 Jun 2020 16:56

Tgt Ion:188 Resp: 8718

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	4.6	7.0





#23

Atrazine

Concen: 0.024 ng

RT: 16.01 min Scan# 1434

Delta R.T. -0.38 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

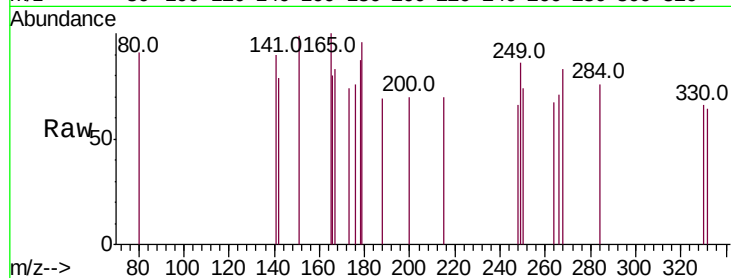
Tot Ion:200 Resp: 107

Ion Ratio Lower Upper

200 100

173 106.1 19.4 29.2#

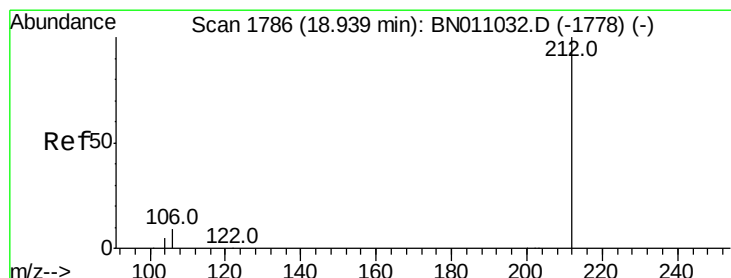
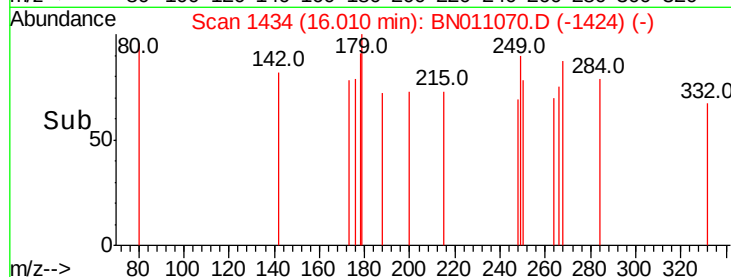
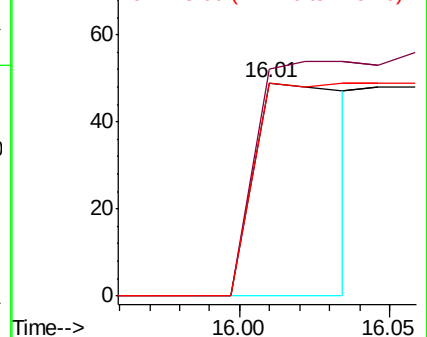
215 100.0 41.5 62.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#27

Fluoranthene-d10

Concen: 0.339 ng

RT: 18.93 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

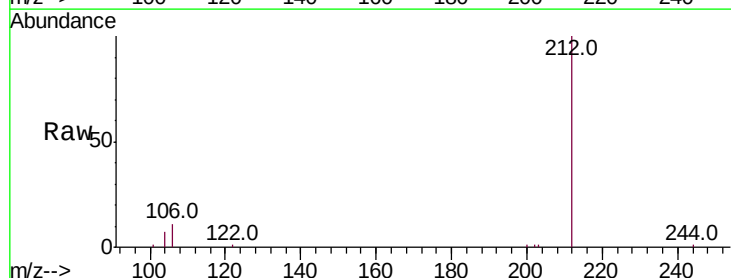
Tgt Ion:212 Resp: 9339

Ion Ratio Lower Upper

212 100

106 9.2 7.7 11.5

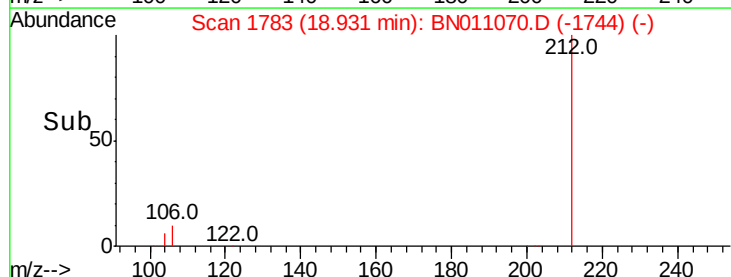
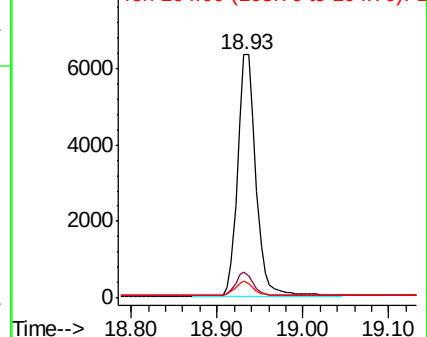
104 5.3 4.6 6.8

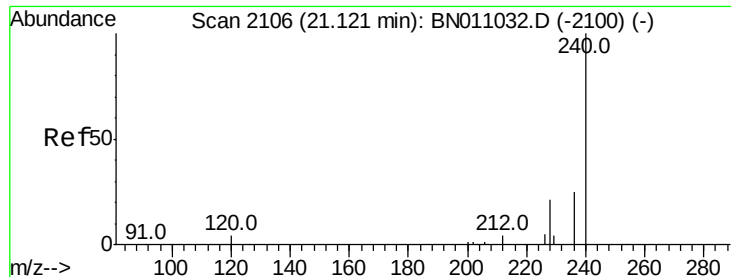


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_N

ClientSampleId :

KY038PS037-200624

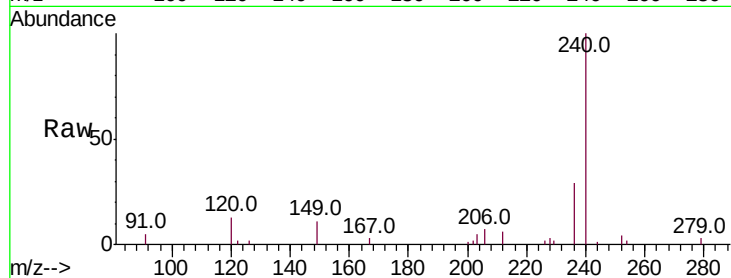
Tot Ion:240 Resp: 7881

Ion Ratio Lower Upper

240 100

120 12.8 5.4 8.0#

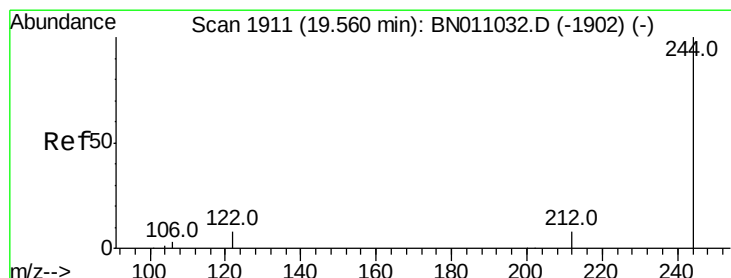
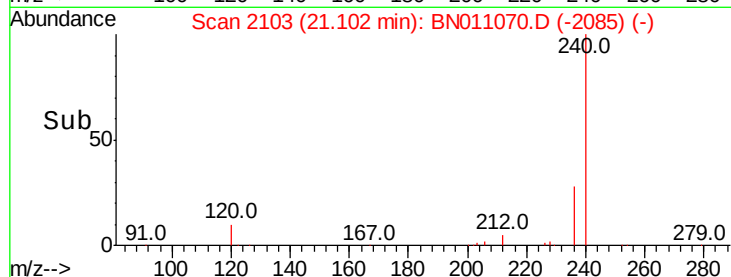
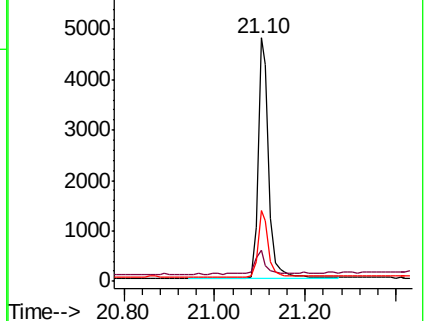
236 29.3 21.4 32.2



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



#31

Terphenyl-d14

Concen: 0.504 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011070.D

Acq: 29 Jun 2020 16:56

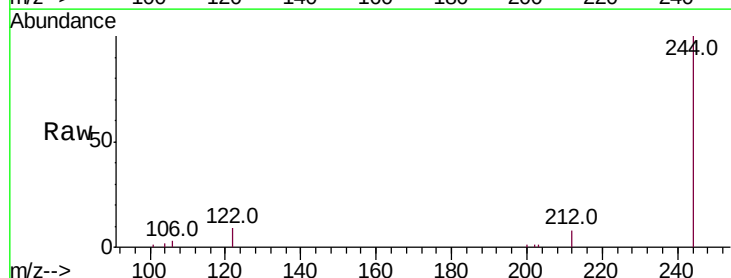
Tgt Ion:244 Resp: 10659

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

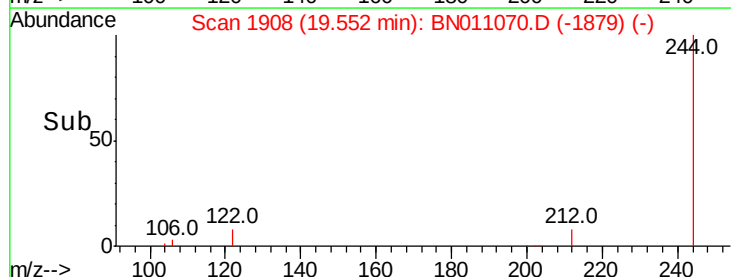
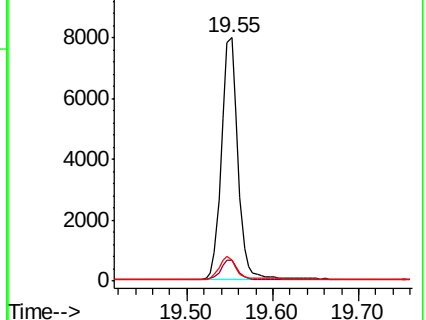
122 8.7 7.4 11.0

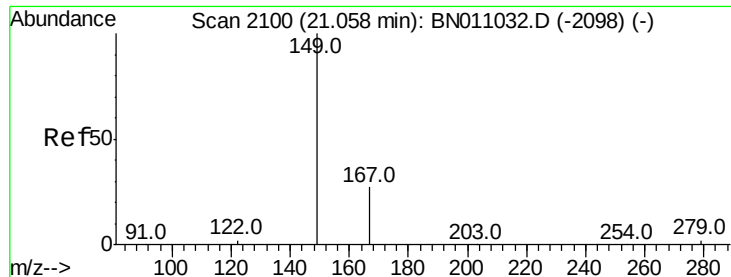


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

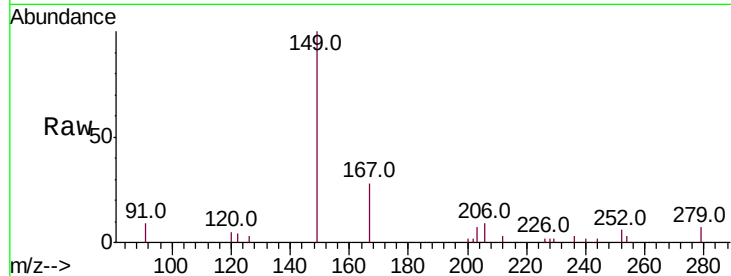




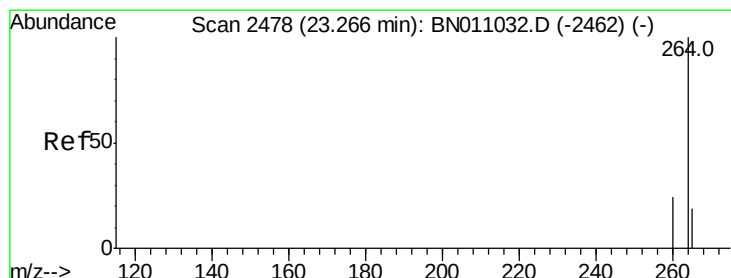
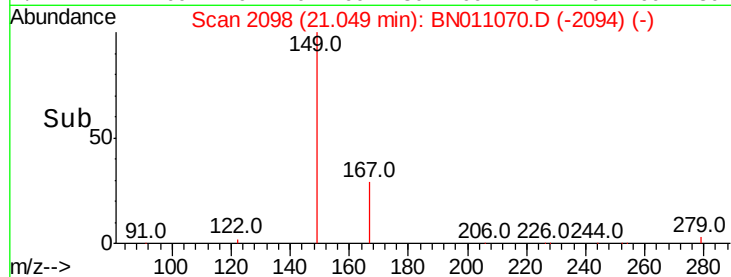
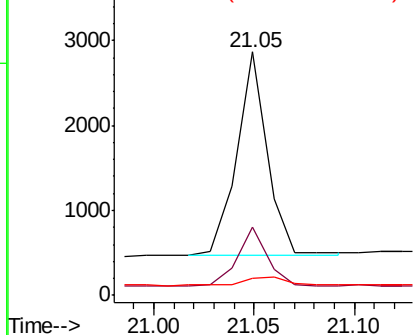
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.232 ng
 RT: 21.05 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BN011070.D
 Acq: 29 Jun 2020 16:56

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-200624

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.2
279	5.1	3.9	5.9

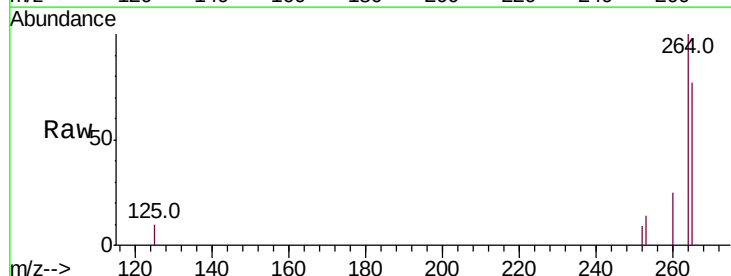


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BN011070.D
 Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	77.1	64.9	97.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

