

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011062.D
 Acq On : 26 Jun 2020 16:42
 Operator : CG/JU
 Sample : L3117-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200624

Quant Time: Jun 26 17:12:45 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

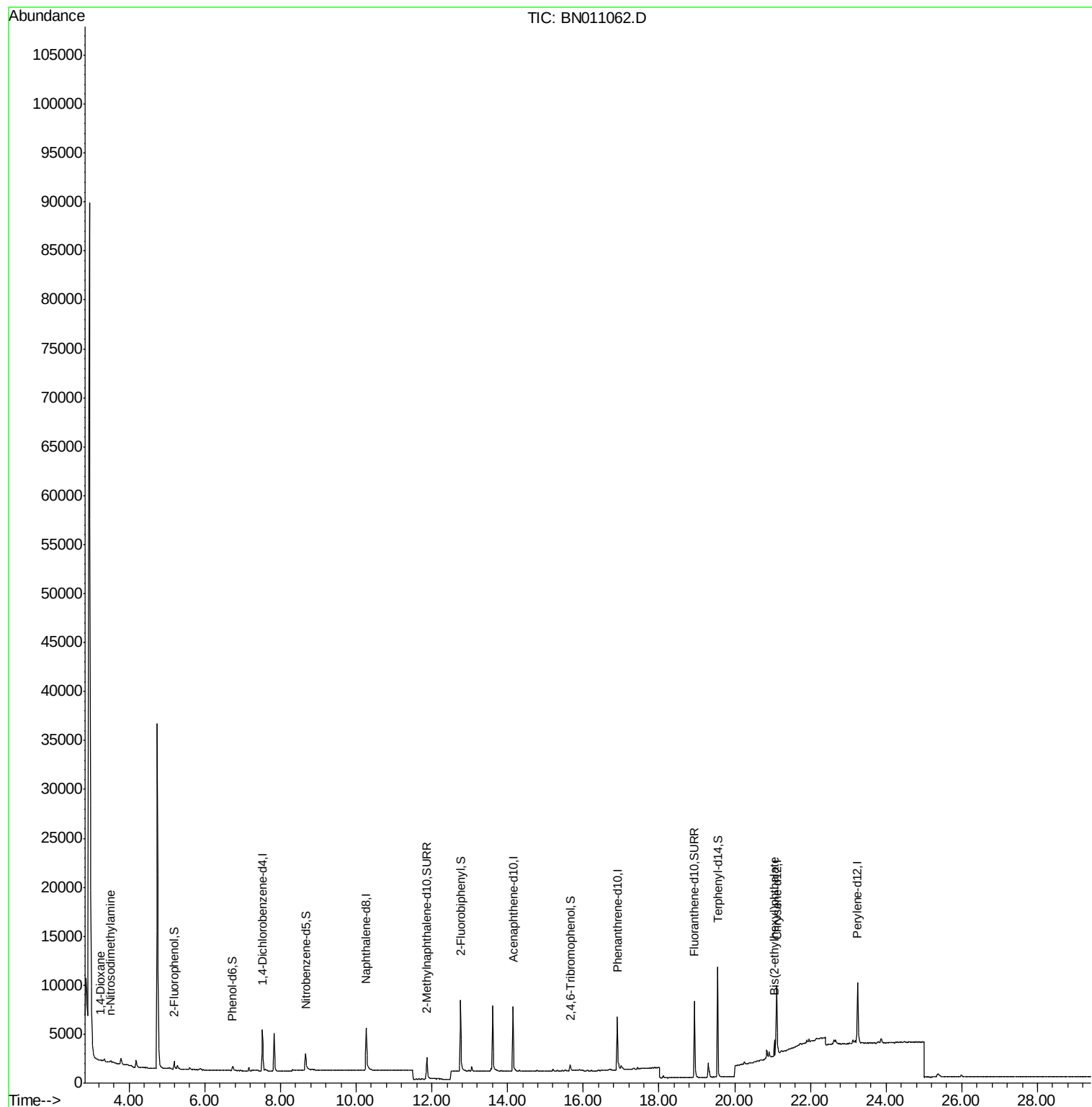
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2390	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8009	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4416	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8770	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8147	0.40	ng	0.00
36) Perylene-d12	23.25	264	8390	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	936	0.14	ng	0.00
5) Phenol-d6	6.74	99	610	0.08	ng	0.00
8) Nitrobenzene-d5	8.67	82	2471	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	3996	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	637	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	7508	0.36	ng	0.00
27) Fluoranthene-d10	18.94	212	9578	0.35	ng	0.00
31) Terphenyl-d14	19.55	244	12260	0.56	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.24	88	150	0.047	ng	# 88
3) n-Nitrosodimethylamine	3.50	42	150	0.084	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.05	149	1293	0.114	ng	97

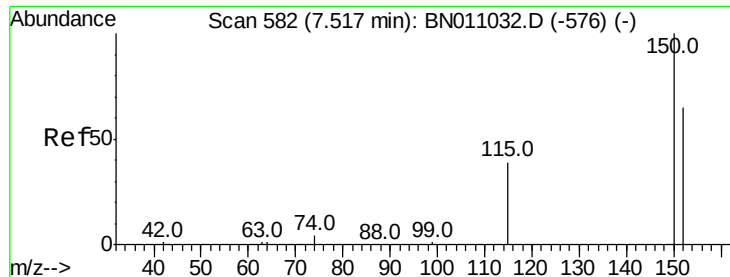
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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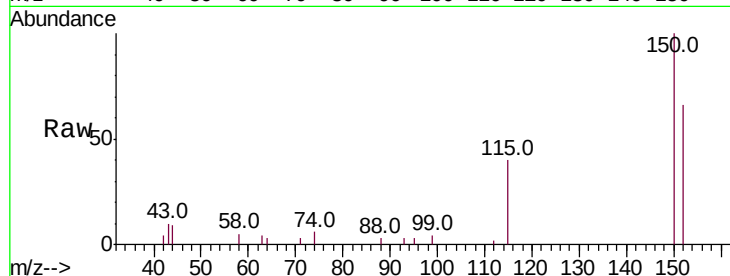


#1

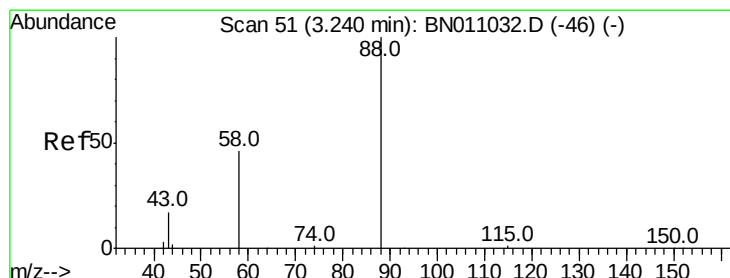
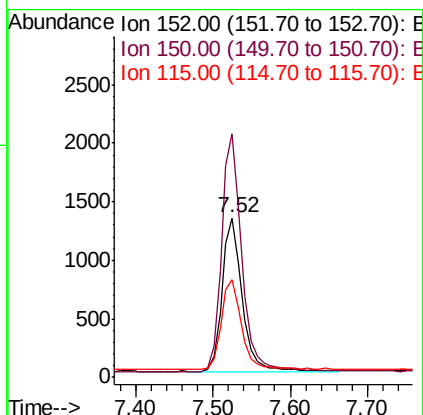
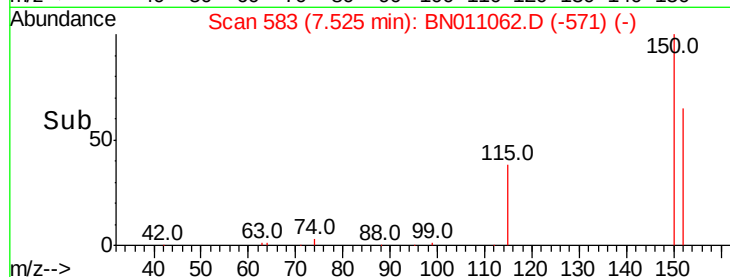
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011062.D
Acq: 26 Jun 2020 16:42

Instrument :
BNA_N
ClientSampleId :
KY038PS038-200624

Tot Ion:152 Resp: 2390
Ion Ratio Lower Upper
152 100
150 152.4 121.8 182.8
115 61.2 50.2 75.2



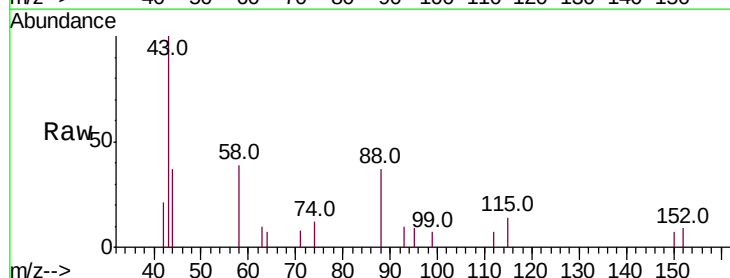
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



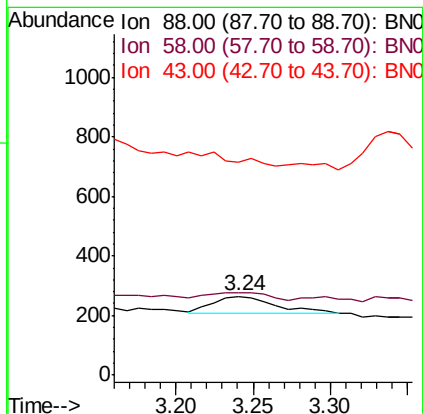
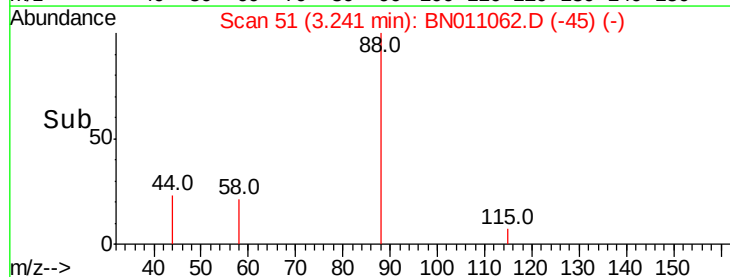
#2

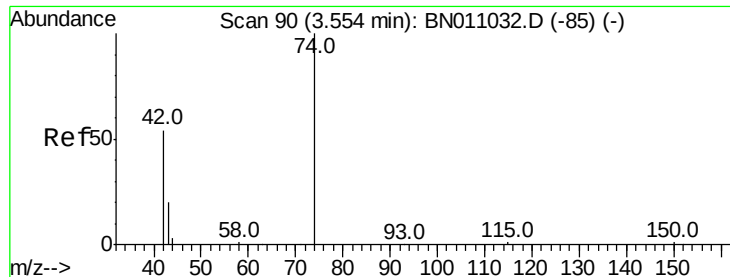
1,4-Dioxane
Concen: 0.047 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011062.D
Acq: 26 Jun 2020 16:42

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
58 49.3 38.4 57.6
43 0.0 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: 0.084 ng

RT: 3.50 min Scan# 83

Delta R.T. -0.06 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

Instrument :

BNA_N

ClientSampleId :

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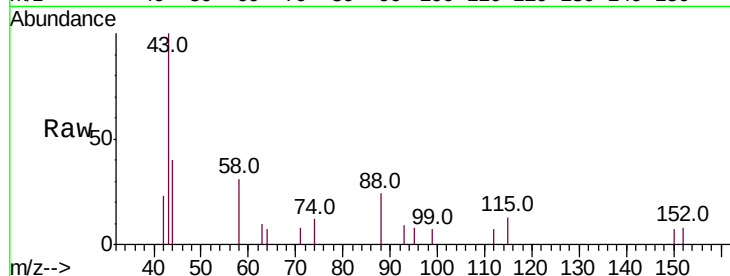
Tot Ion: 42 Resp: 150

Ion Ratio Lower Upper

42 100

74 0.0 154.8 232.2#

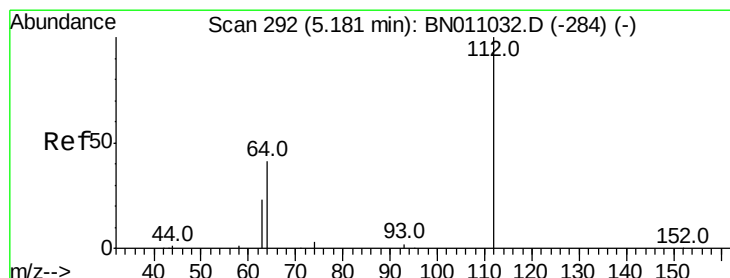
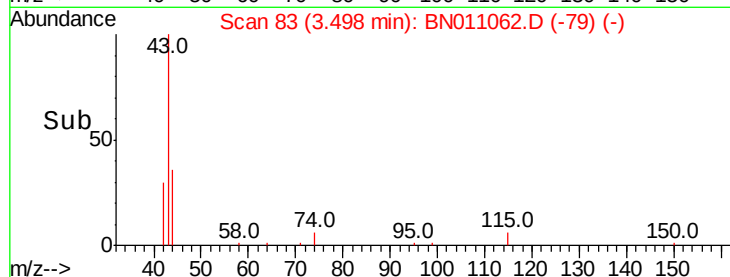
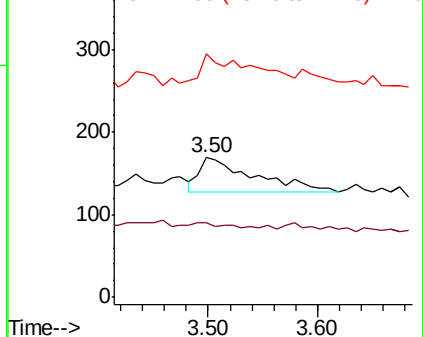
44 24.0 4.8 7.2#



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: 0.139 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

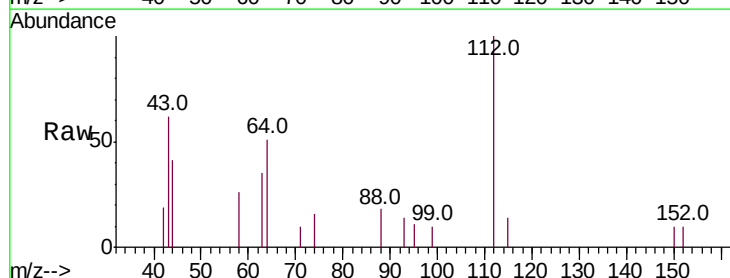
Tgt Ion: 112 Resp: 936

Ion Ratio Lower Upper

112 100

64 45.4 37.3 55.9

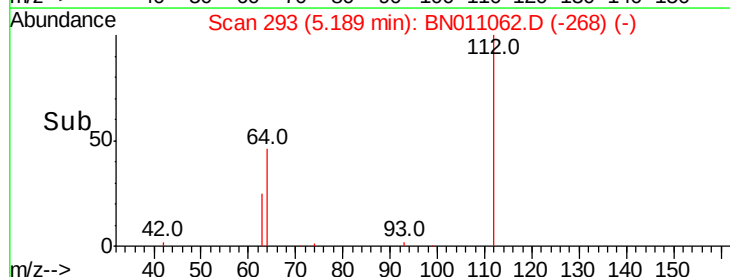
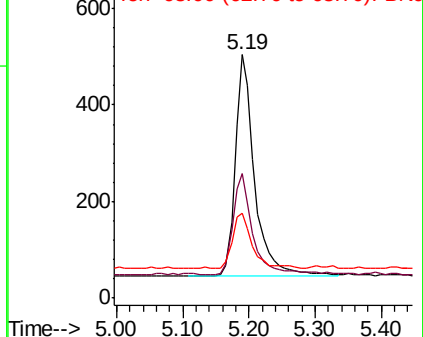
63 25.5 20.4 30.6

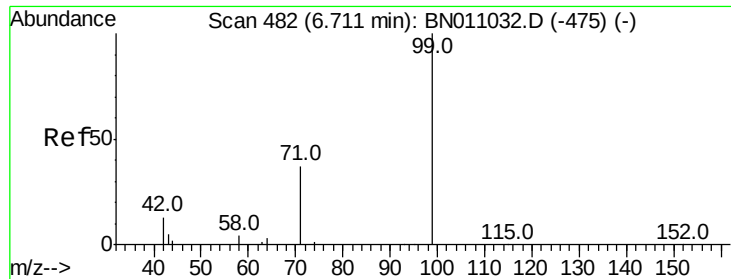


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.076 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

Instrument :

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ClientSampleId :

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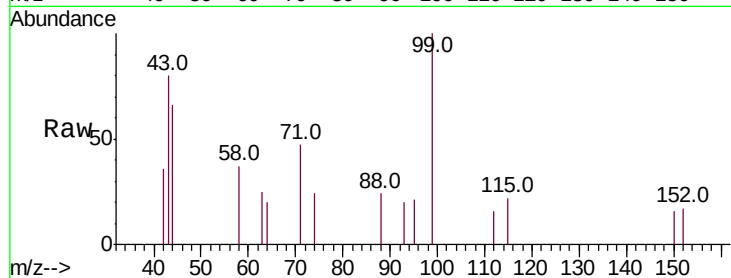
Tot Ion: 99 Resp: 610

Ion Ratio Lower Upper

99 100

42 12.0 10.6 16.0

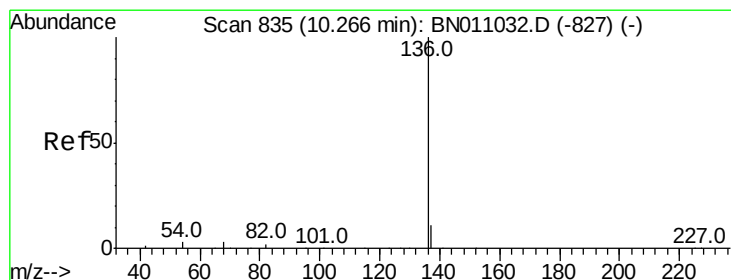
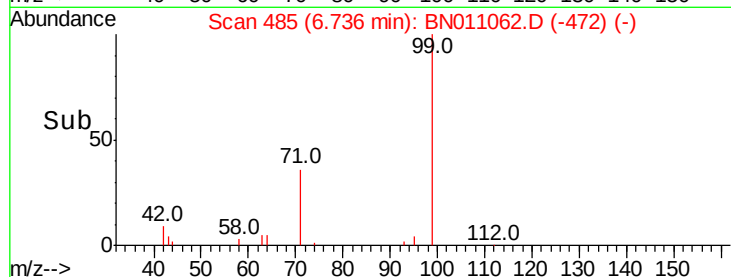
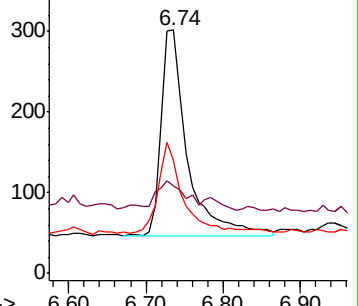
71 41.8 28.7 43.1



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: BN011062.D

Acq: 26 Jun 2020 16:42

Tgt Ion: 136 Resp: 8009

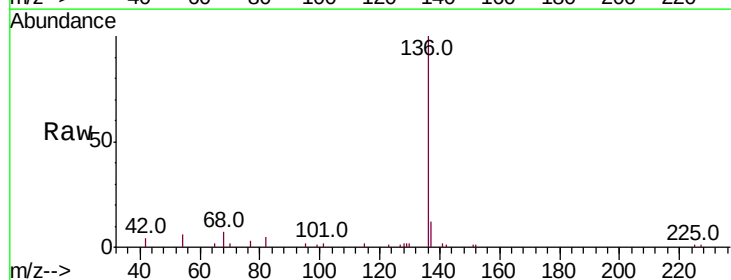
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 6.1 3.0 4.4#

68 6.5 3.4 5.2#

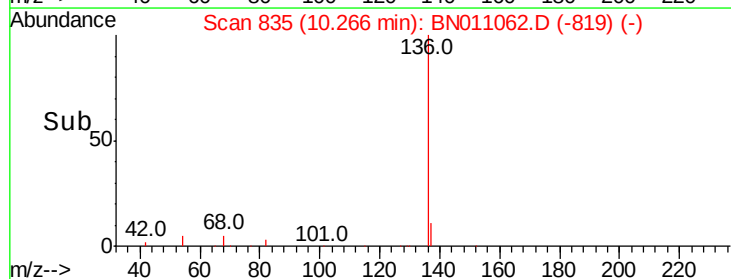
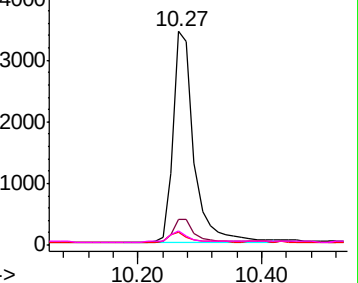


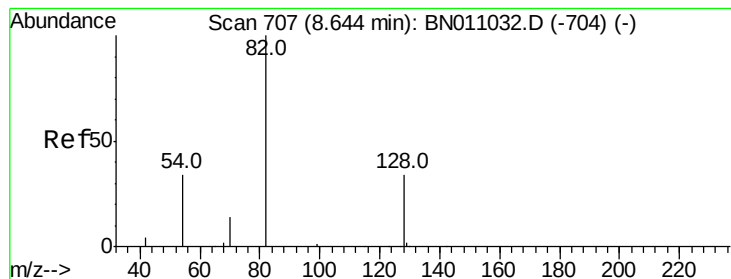
Abundance Ion 136.00 (135.70 to 136.70): BN011032.D (-827) (-)

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: 0.339 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.01 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200624

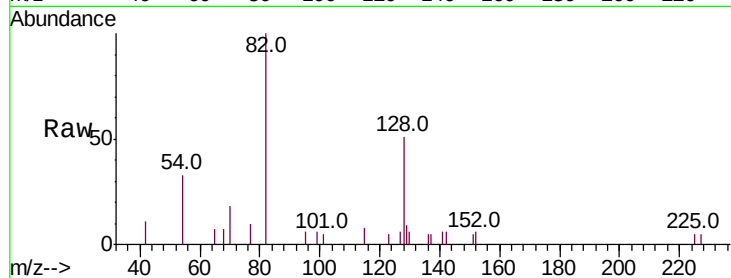
Tot Ion: 82 Resp: 2471

Ion Ratio Lower Upper

82 100

128 50.8 29.4 44.2#

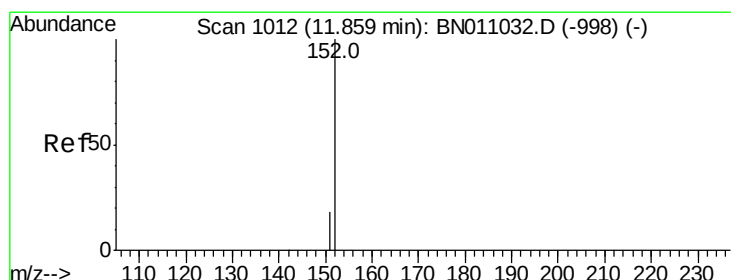
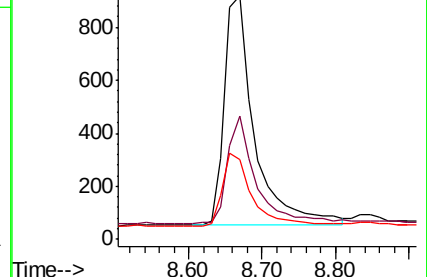
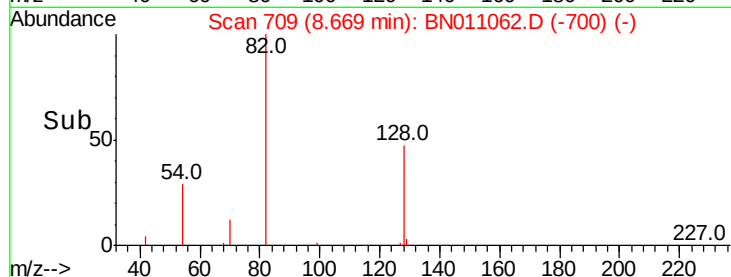
54 32.8 28.8 43.2



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.283 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BN011062.D

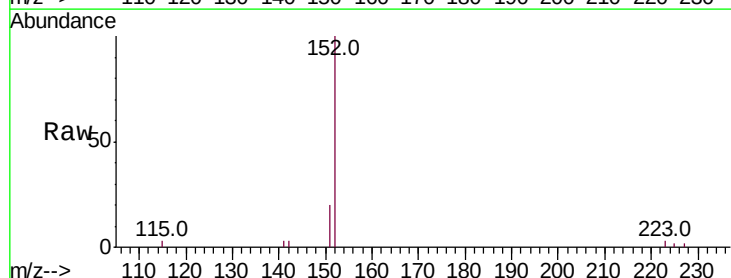
Acq: 26 Jun 2020 16:42

Tgt Ion: 152 Resp: 3996

Ion Ratio Lower Upper

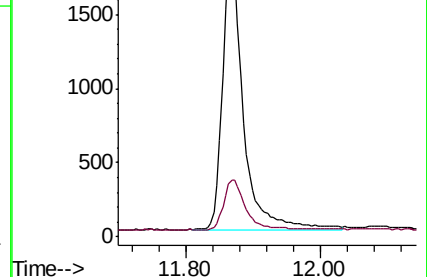
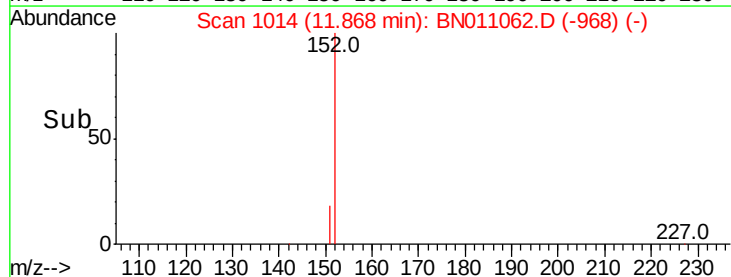
152 100

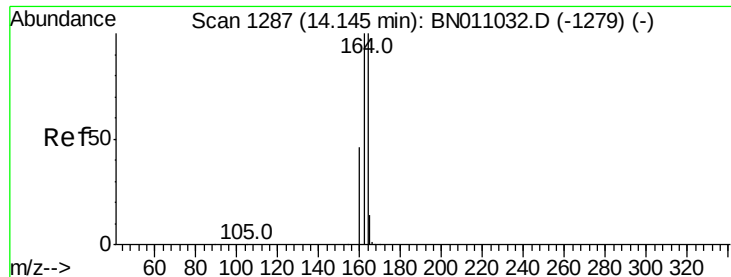
151 18.6 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011062.D

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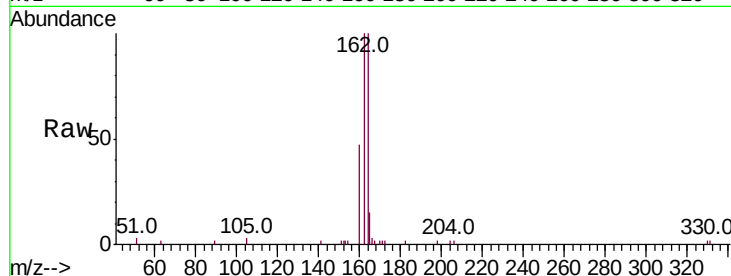
Tot Ion:164 Resp: 4416

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.4

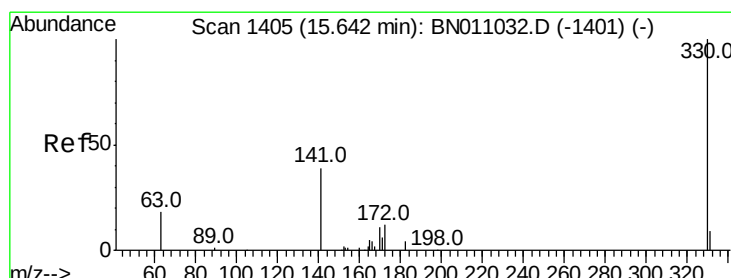
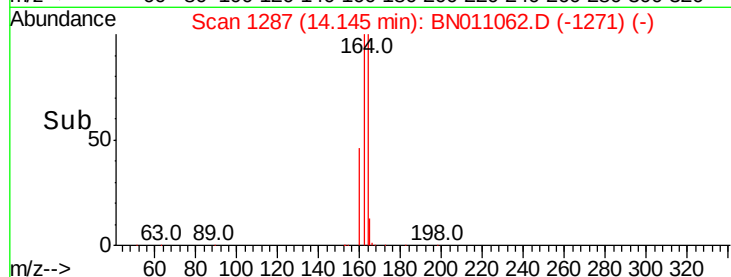
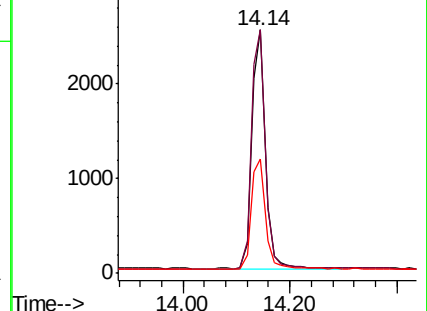
160 46.7 37.7 56.5



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: 0.328 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

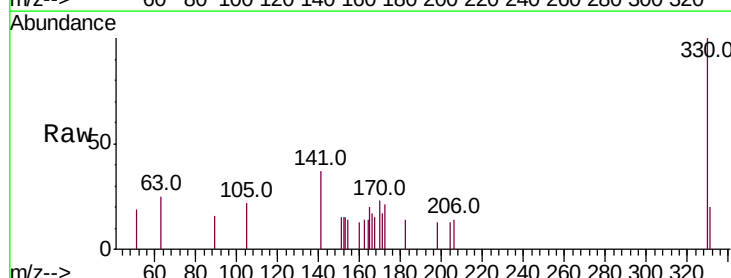
Tgt Ion:330 Resp: 637

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

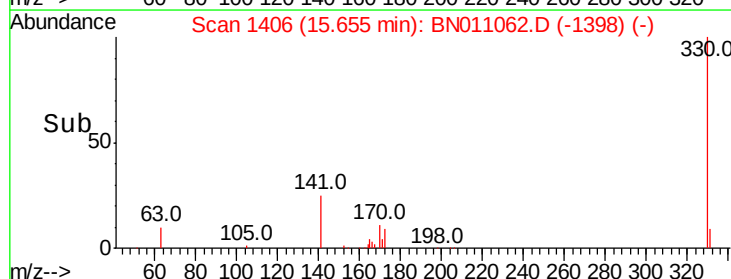
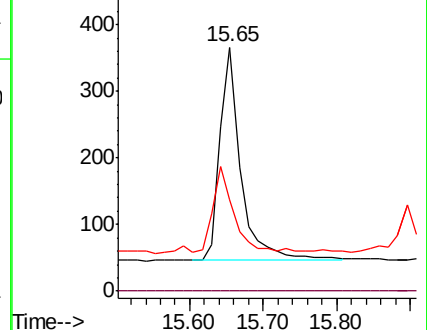
141 38.3 34.5 51.7

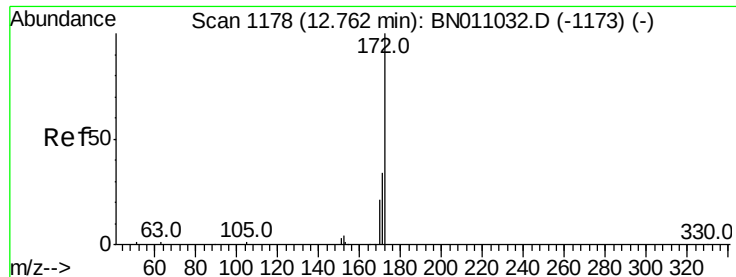


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

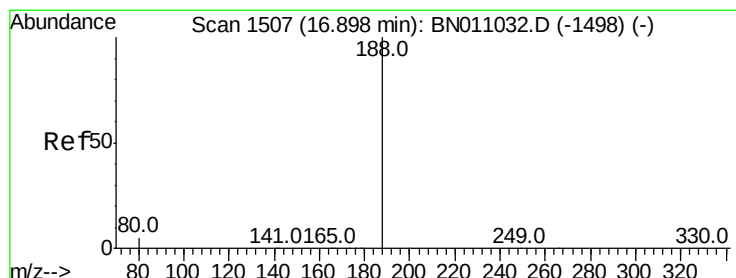
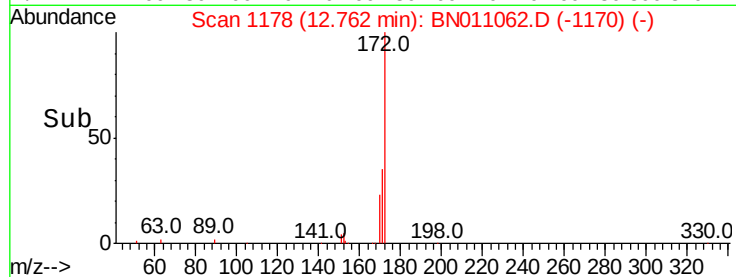
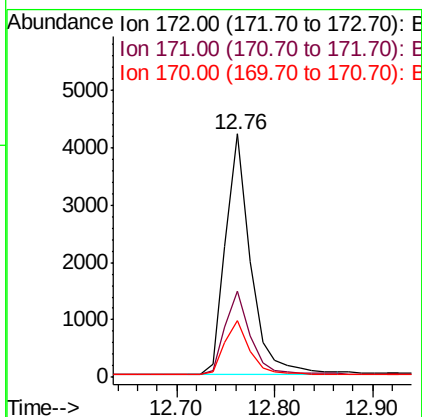
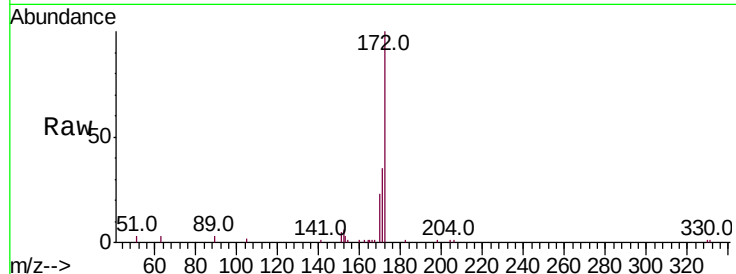




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011062.D
Acq: 26 Jun 2020 16:42

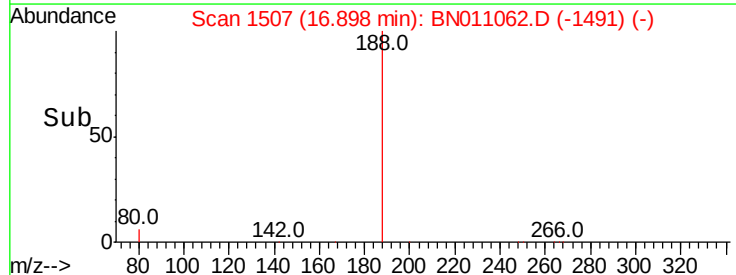
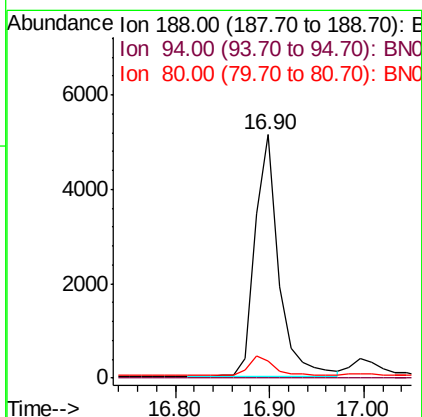
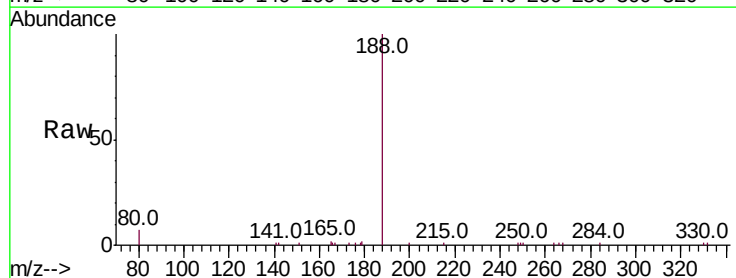
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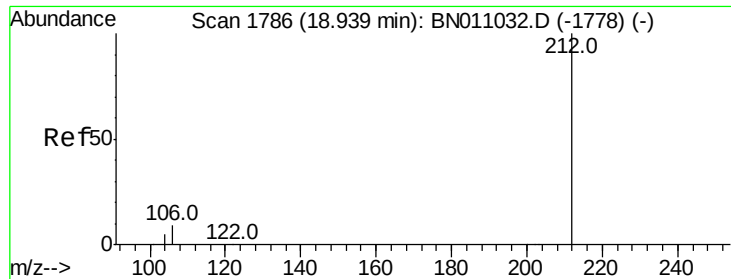
Tot Ion:172 Resp: 7508
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.2
170 23.4 17.5 26.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011062.D
Acq: 26 Jun 2020 16:42

Tgt Ion:188 Resp: 8770
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 4.6 7.0#

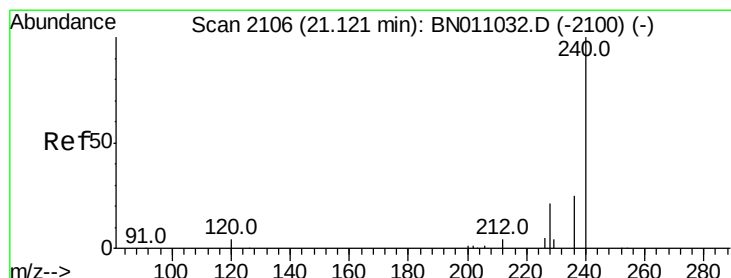
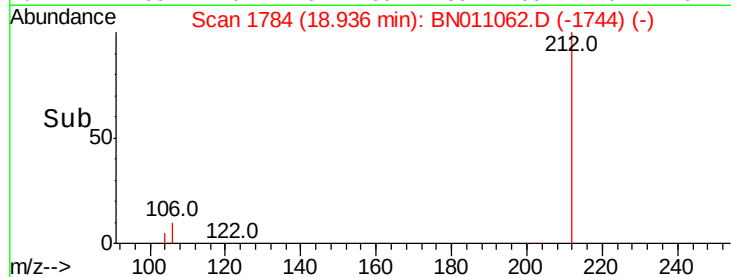
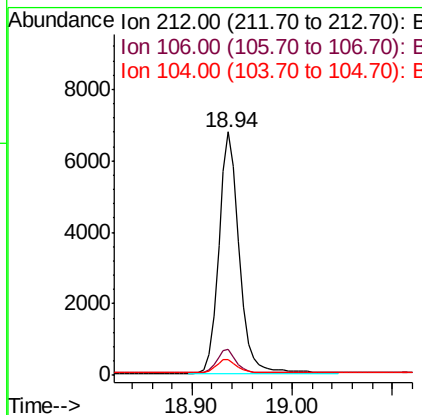
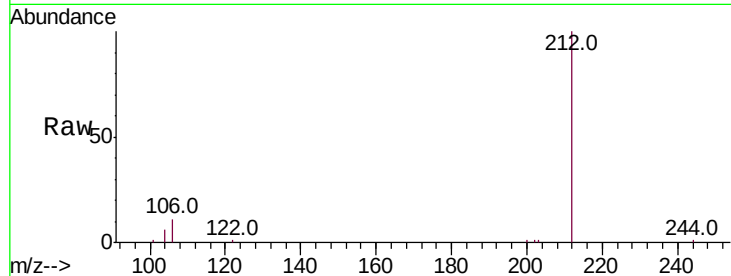




#27
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011062.D
 Acq: 26 Jun 2020 16:42

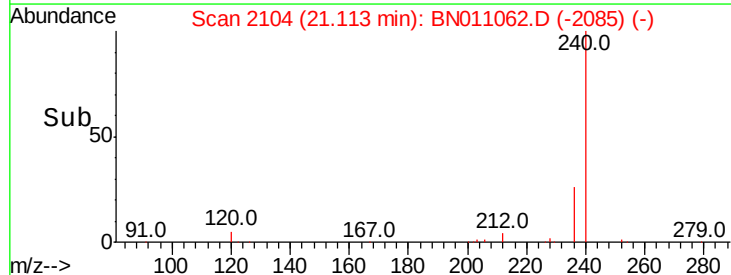
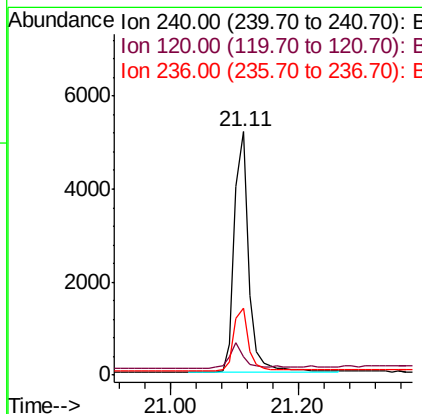
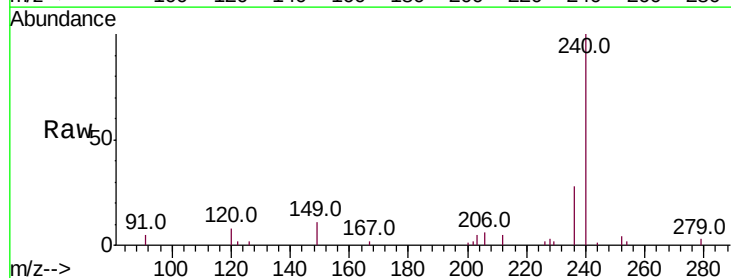
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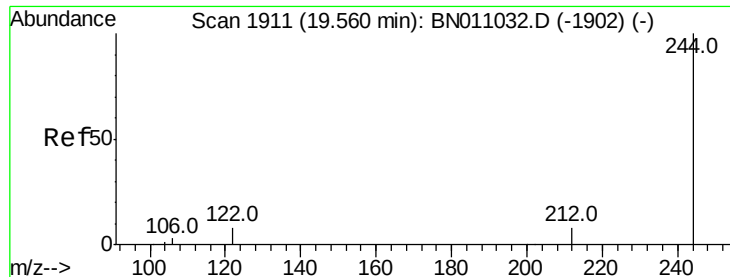
Tot Ion:212 Resp: 9578
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.7 11.5
 104 5.3 4.6 6.8



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.11 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BN011062.D
 Acq: 26 Jun 2020 16:42

Tgt Ion:240 Resp: 8147
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.4 8.0
 236 27.6 21.4 32.2





#31

Terphenyl-d14

Concen: 0.560 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200624

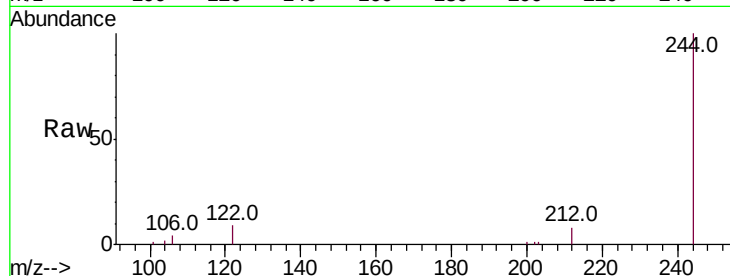
Tot Ion:244 Resp: 12260

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

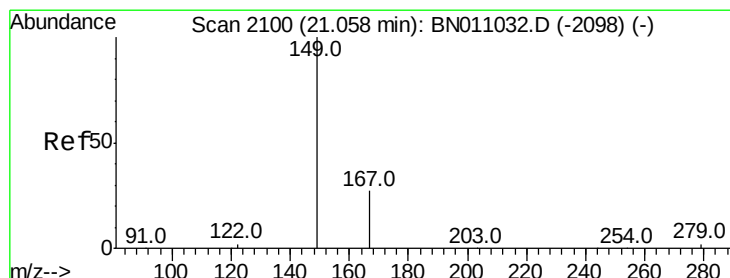
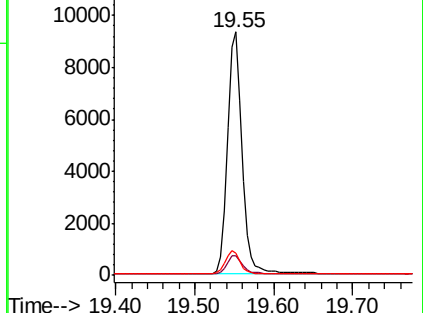
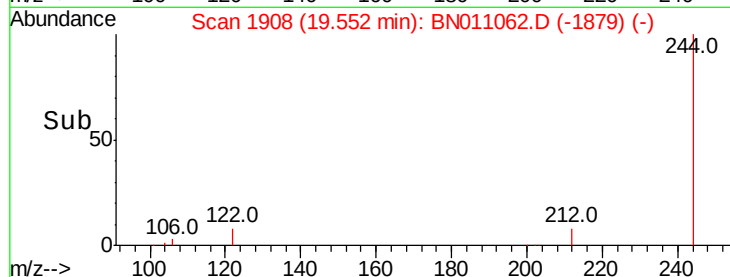
122 9.1 7.4 11.0



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: 0.114 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011062.D

Acq: 26 Jun 2020 16:42

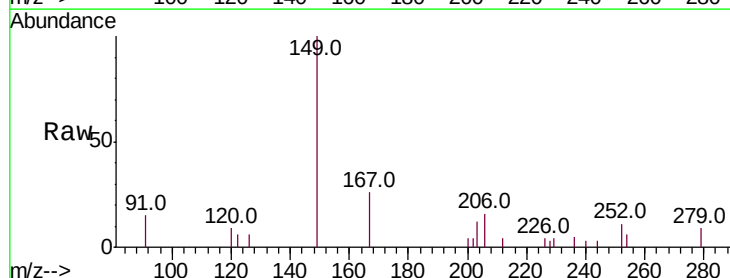
Tgt Ion:149 Resp: 1293

Ion Ratio Lower Upper

149 100

167 25.8 22.2 33.2

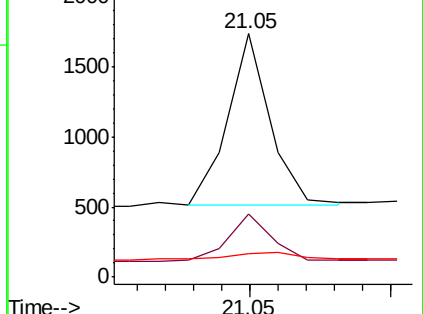
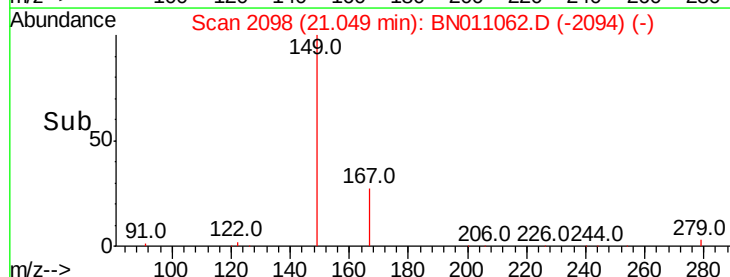
279 5.1 3.9 5.9

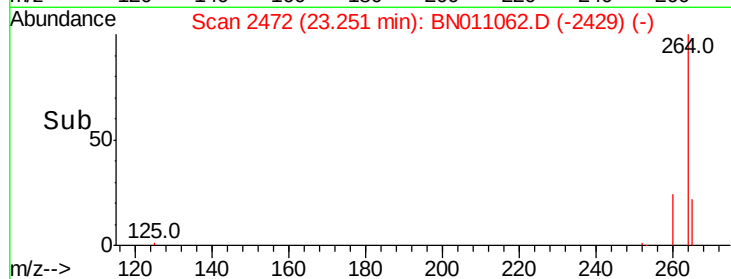
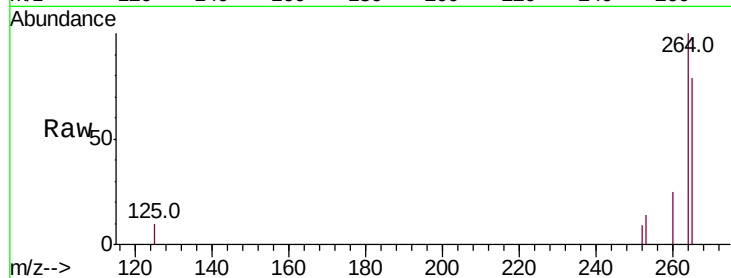
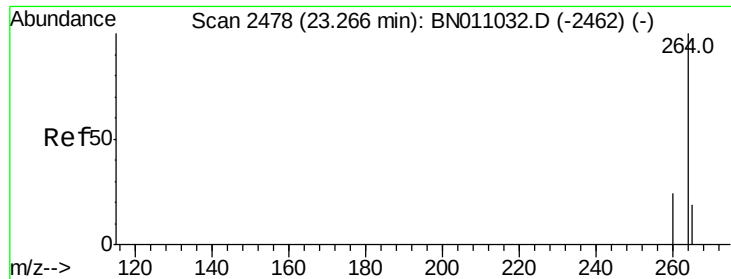


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BN011062.D
Acq: 26 Jun 2020 16:42

Instrument :
BNA_N
ClientSampleId :
KY038PS038-200624

Tot Ion:264 Resp: 8390
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 78.8 64.9 97.3

