

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
 Data File : BN010941.D
 Acq On : 17 Jun 2020 14:09
 Operator : CG/JU
 Sample : L3011-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20200612

Quant Time: Jun 17 14:47:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 13:14:12 2020
 Response via : Initial Calibration

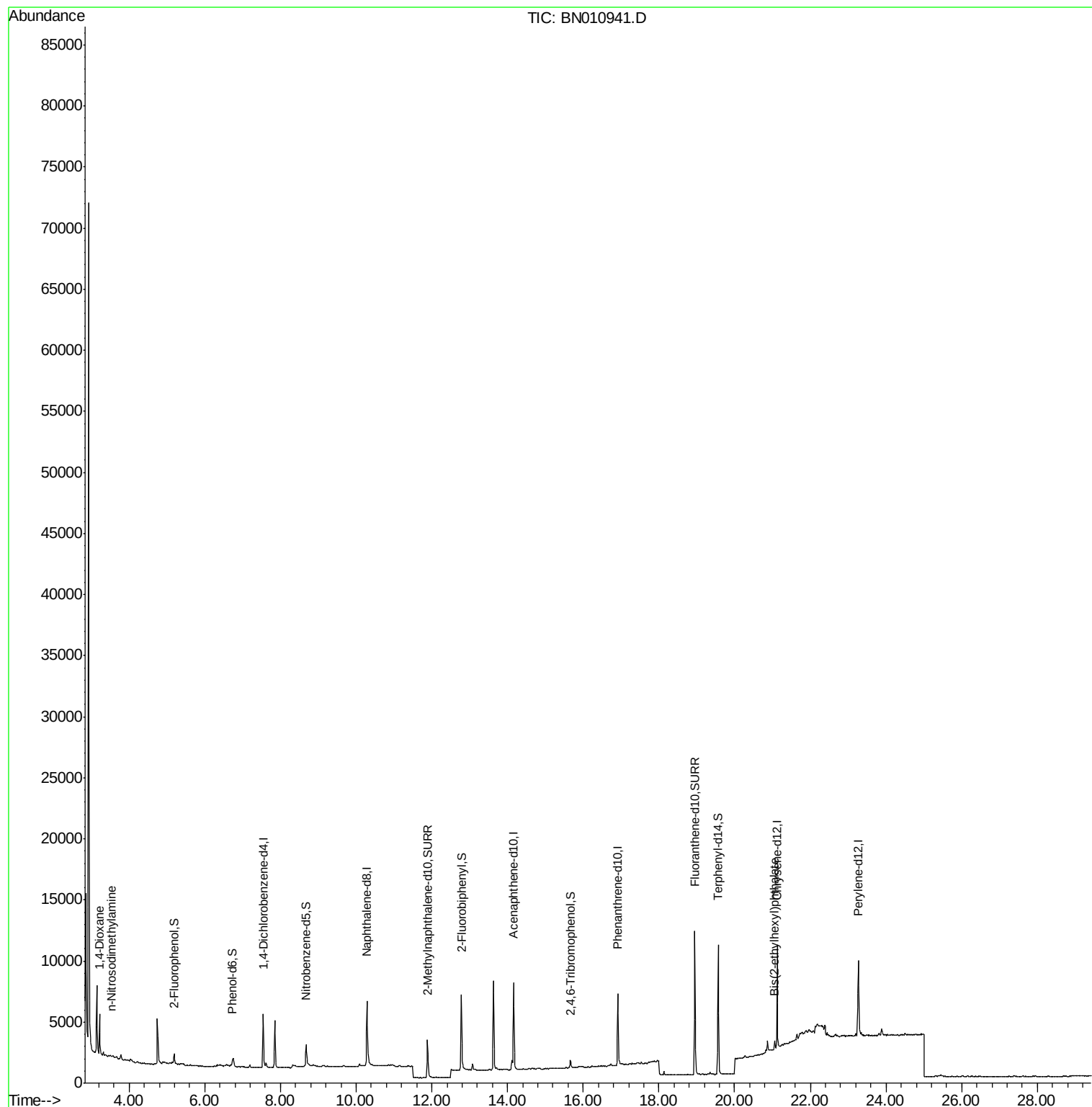
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2232	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8482	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4208	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9085	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8254	0.40	ng	0.00
34) Perylene-d12	23.27	264	8502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	788	0.18	ng	0.00
5) Phenol-d6	6.74	99	613	0.12	ng	0.00
8) Nitrobenzene-d5	8.68	82	2284	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5280	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	589	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	6875	0.41	ng	0.00
25) Fluoranthene-d10	18.95	212	14595	0.58	ng	0.00
29) Terphenyl-d14	19.56	244	11099	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	2861	1.309	ng	98
3) n-Nitrosodimethylamine	3.53	42	85	0.067	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	756	0.093	ng	93

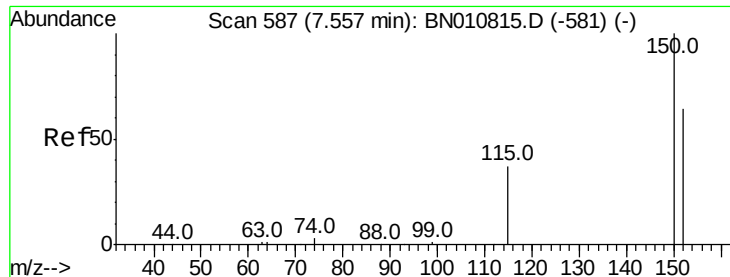
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

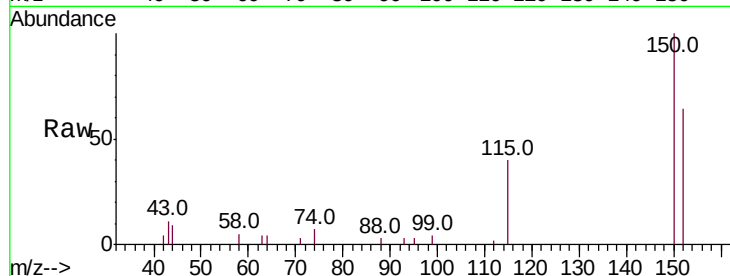
Tot Ion:152 Resp: 2232

Ion Ratio Lower Upper

152 100

150 157.1 123.8 185.6

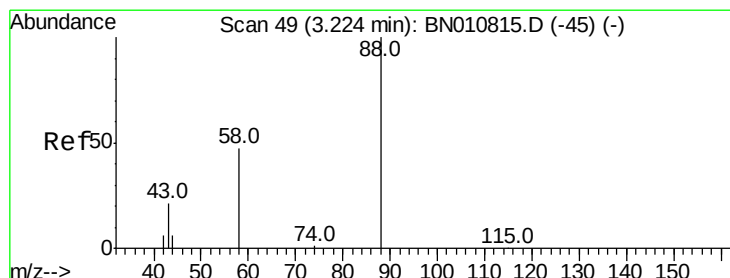
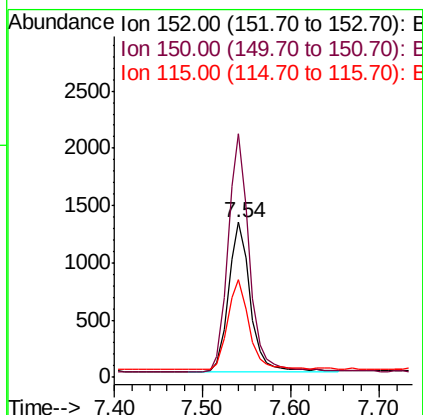
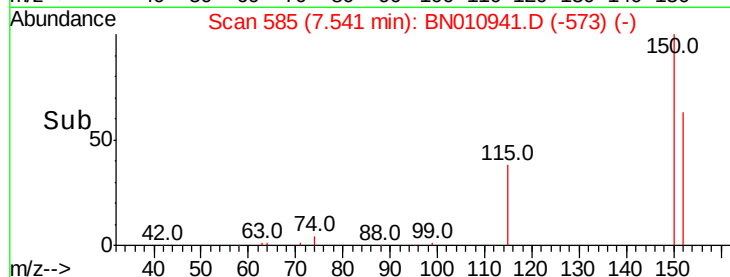
115 63.0 49.2 73.8



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: 1.309 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

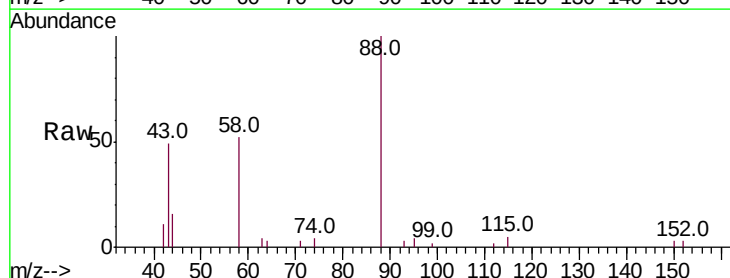
Tgt Ion: 88 Resp: 2861

Ion Ratio Lower Upper

88 100

58 47.4 38.2 57.4

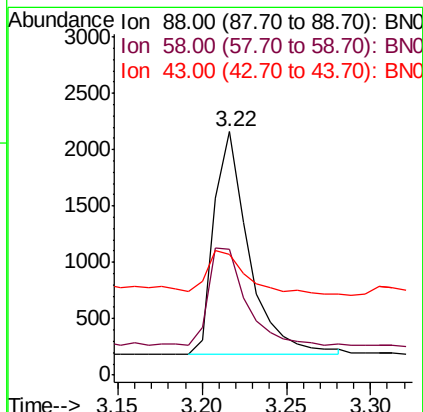
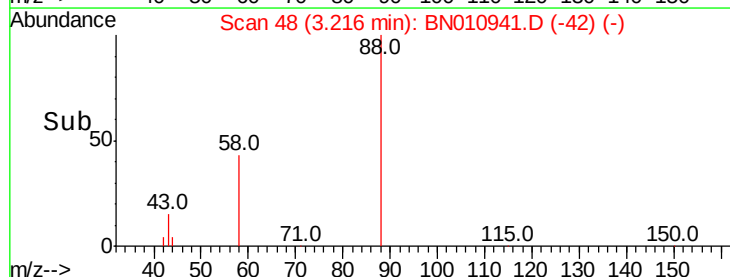
43 21.7 15.1 22.7

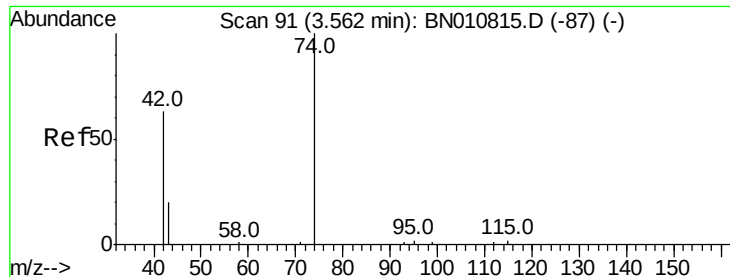


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



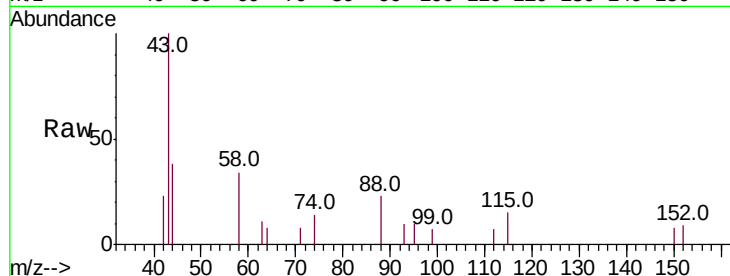


#3

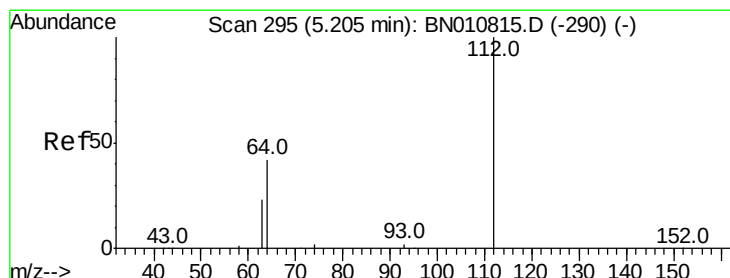
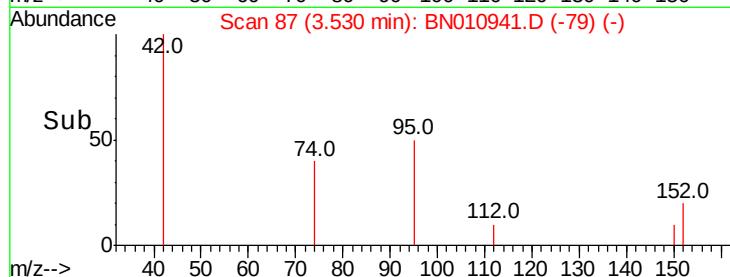
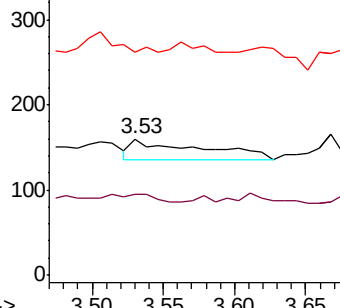
n-Nitrosodimethylamine
 Concen: 0.067 ng
 RT: 3.53 min Scan# 87
 Delta R.T. -0.03 min
 Lab File: BN010941.D
 Acq: 17 Jun 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20200612

Tot Ion: 42 Resp: 85
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 0.0 1.4 2.2#



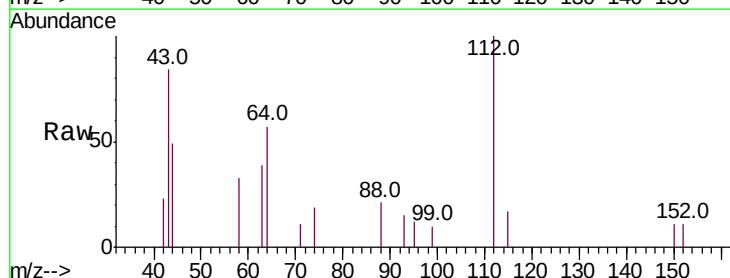
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



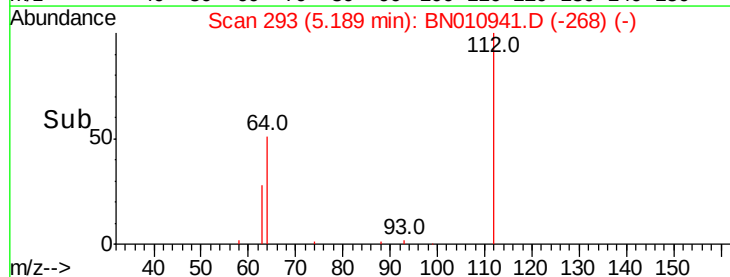
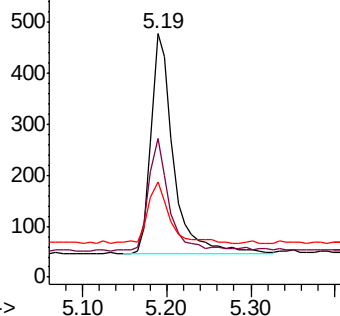
#4

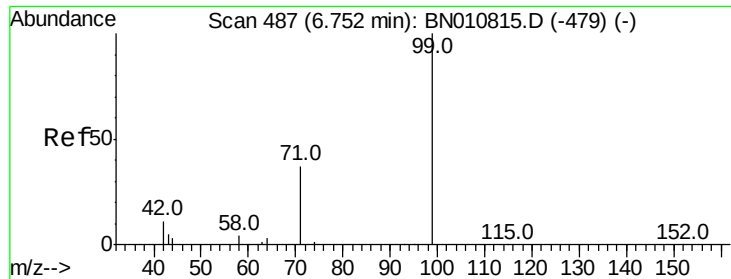
2-Fluorophenol
 Concen: 0.183 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: BN010941.D
 Acq: 17 Jun 2020 14:09

Tgt Ion: 112 Resp: 788
 Ion Ratio Lower Upper
 112 100
 64 47.0 37.4 56.0
 63 27.9 22.2 33.4



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: 0.121 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

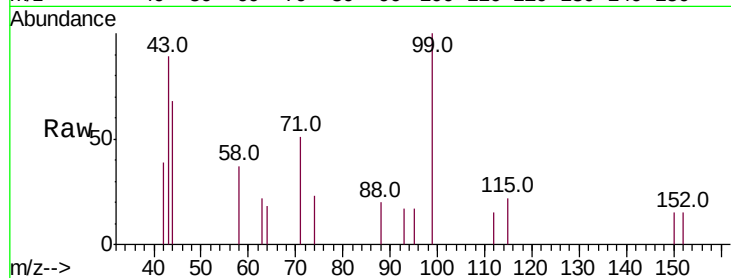
Tot Ion: 99 Resp: 613

Ion Ratio Lower Upper

99 100

42 26.4 11.1 16.7#

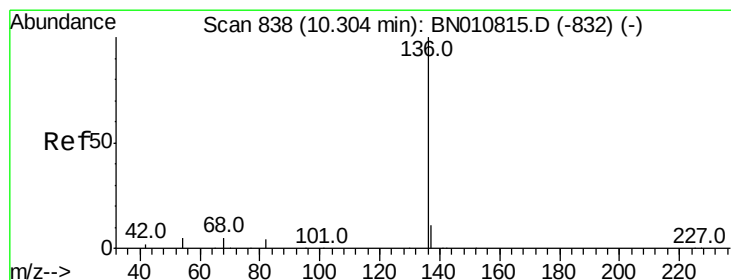
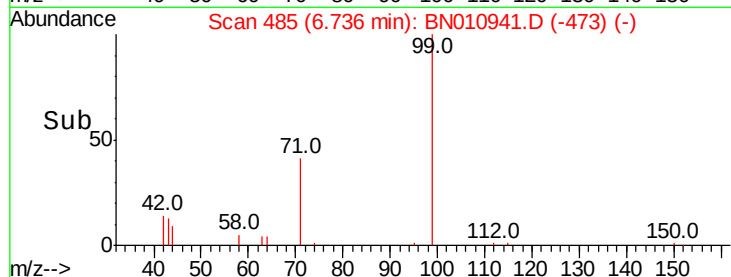
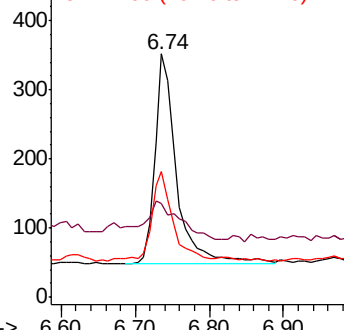
71 41.6 31.4 47.2



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Tgt Ion: 136 Resp: 8482

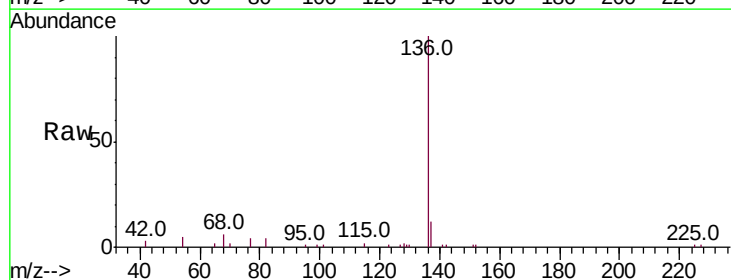
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.0 4.9 7.3

68 5.6 4.7 7.1

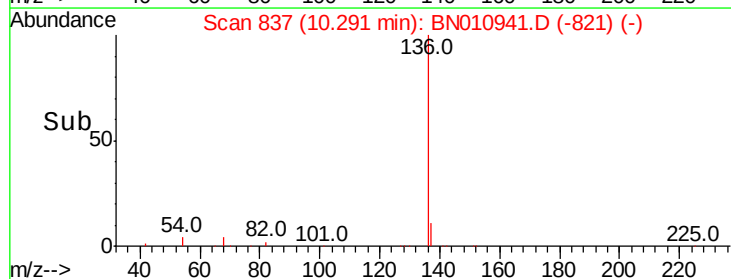
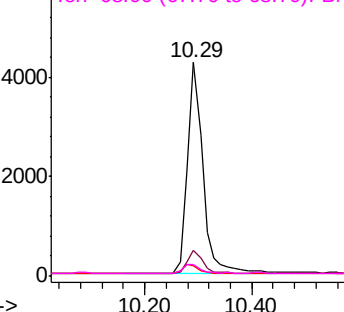


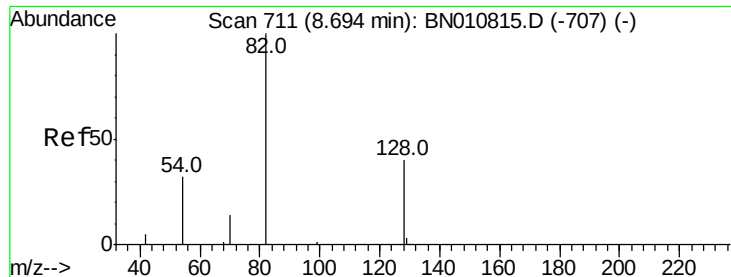
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

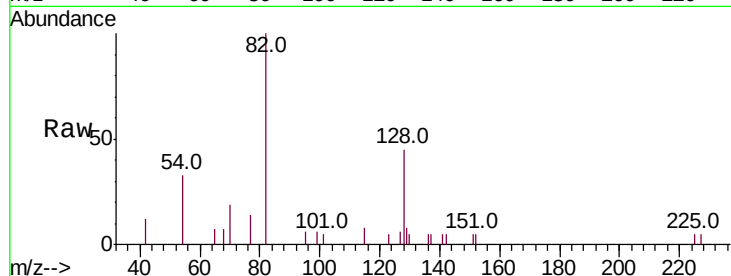
Tot Ion: 82 Resp: 2284

Ion Ratio Lower Upper

82 100

128 44.6 35.4 53.0

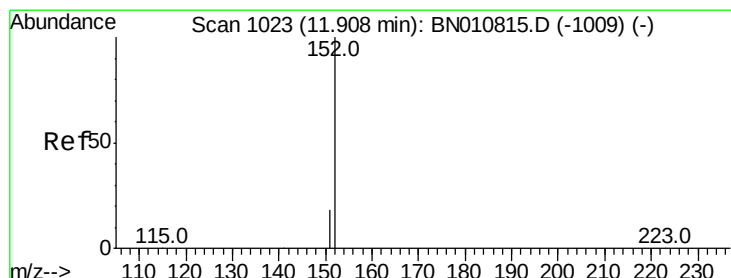
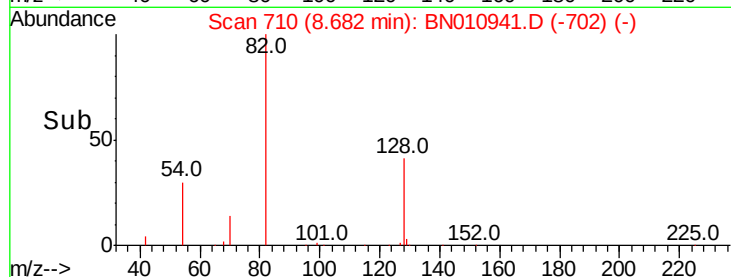
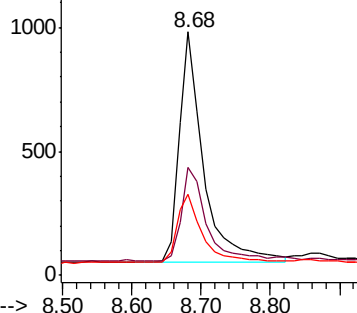
54 33.3 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 11.89 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BN010941.D

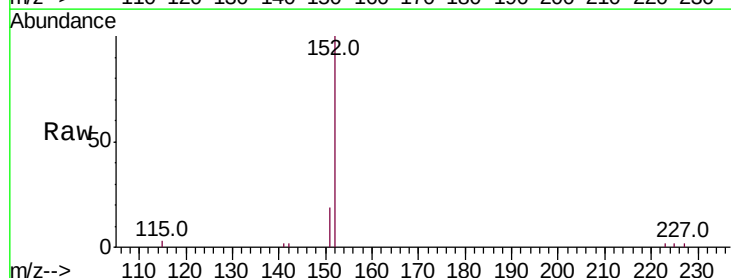
Acq: 17 Jun 2020 14:09

Tgt Ion: 152 Resp: 5280

Ion Ratio Lower Upper

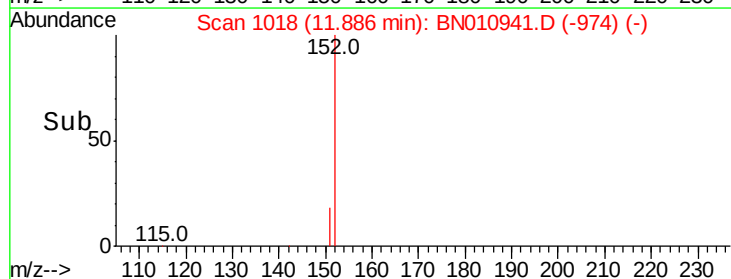
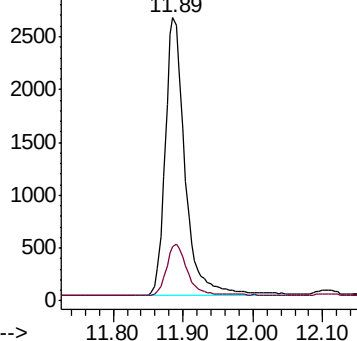
152 100

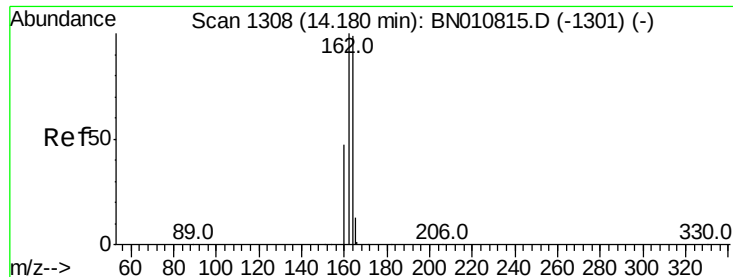
151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

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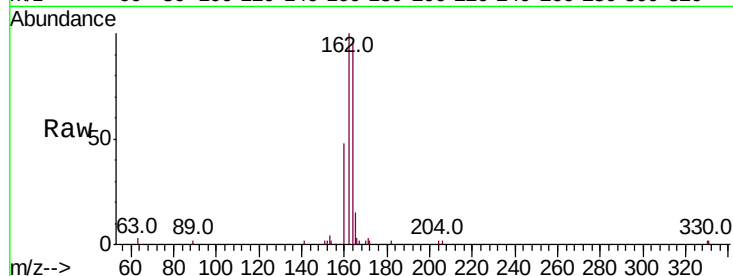
Tot Ion:164 Resp: 4208

Ion Ratio Lower Upper

164 100

162 104.2 81.0 121.6

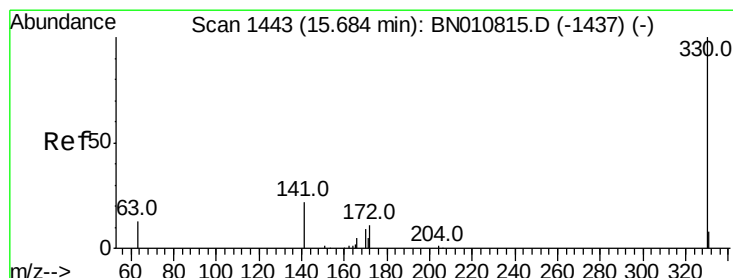
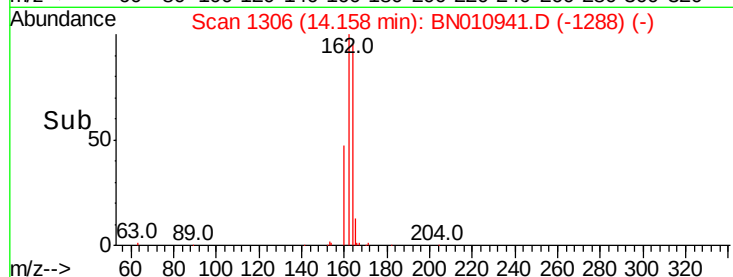
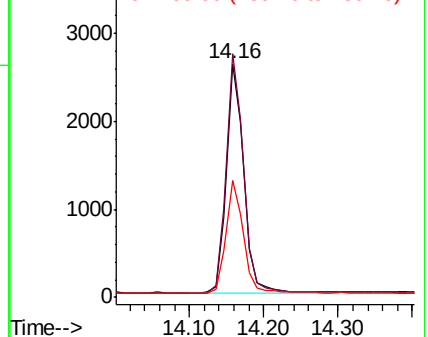
160 50.2 38.9 58.3



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: BN010941.D

Acq: 17 Jun 2020 14:09

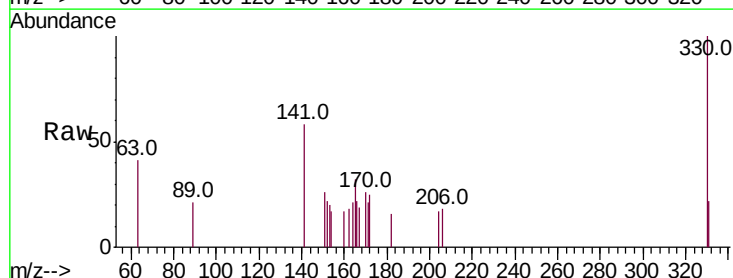
Tgt Ion:330 Resp: 589

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

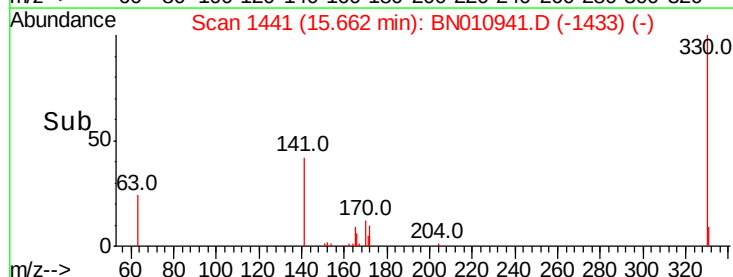
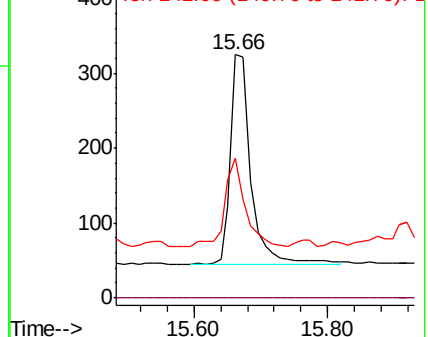
141 42.8 33.2 49.8

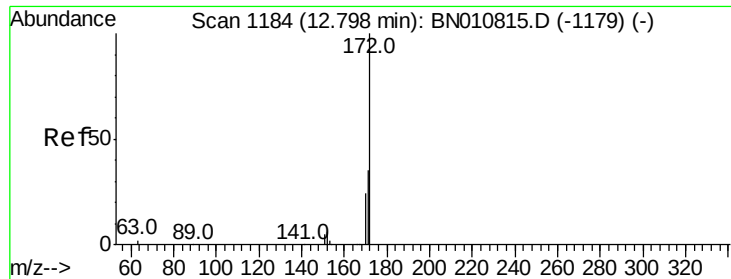


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

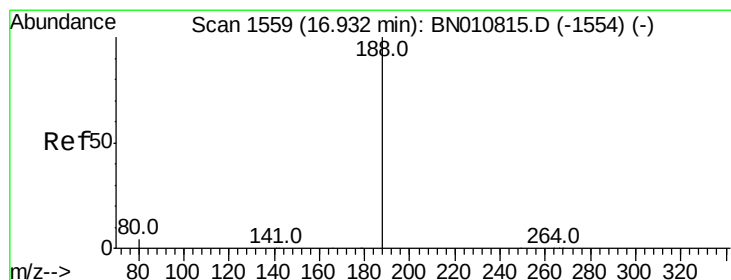
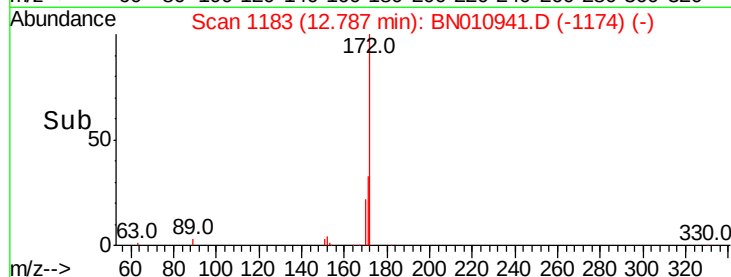
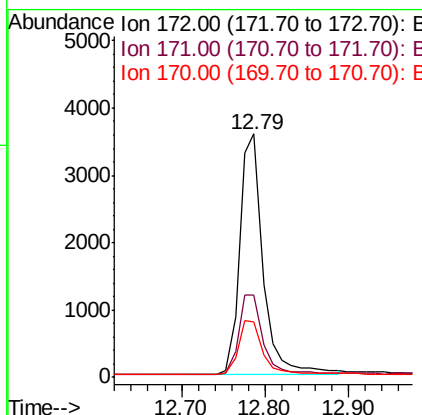
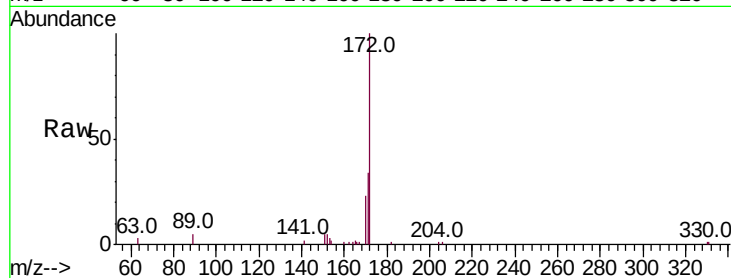




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010941.D
Acq: 17 Jun 2020 14:09

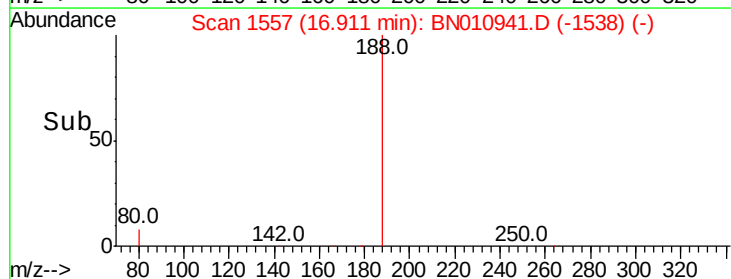
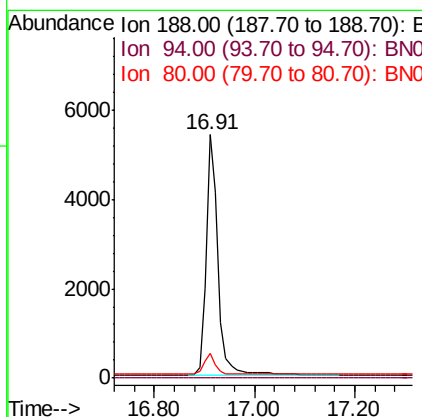
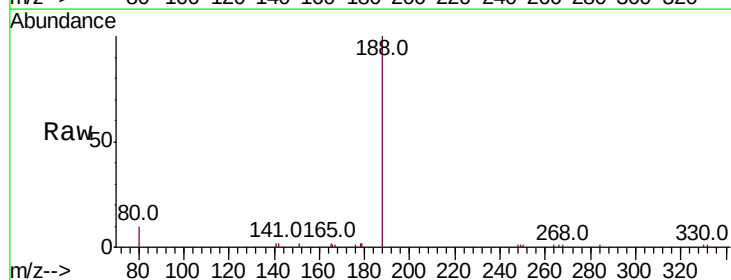
Instrument :
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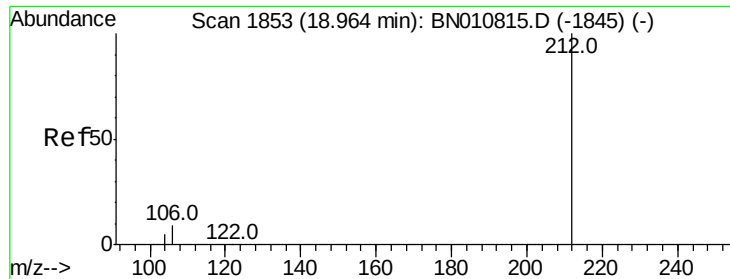
Tot Ion:172 Resp: 6875
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010941.D
Acq: 17 Jun 2020 14:09

Tgt Ion:188 Resp: 9085
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.5 6.7#

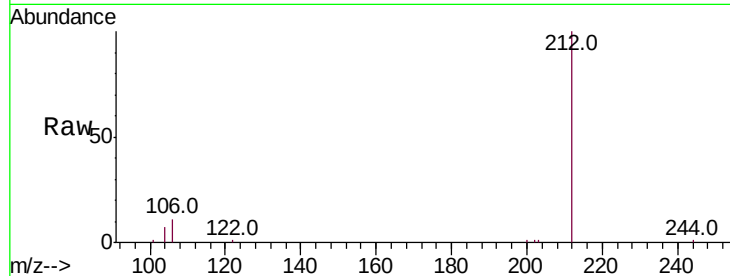




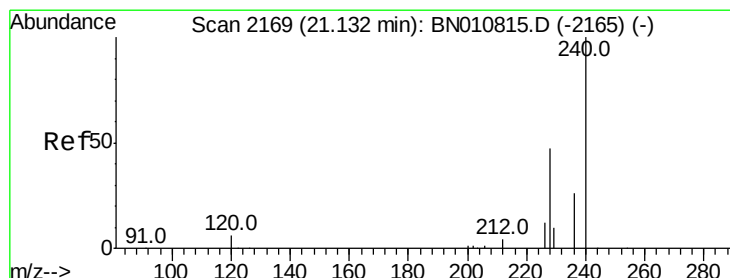
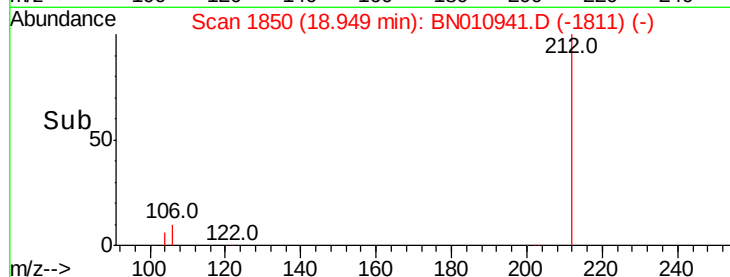
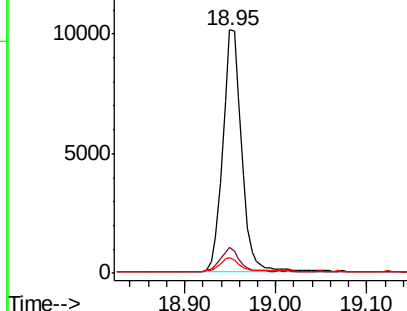
#25
 Fluoranthene-d10
 Concen: 0.582 ng
 RT: 18.95 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BN010941.D
 Acq: 17 Jun 2020 14:09

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20200612

Tot Ion:212 Resp: 14595
 Ion Ratio Lower Upper
 212 100
 106 9.4 6.6 10.0
 104 5.5 4.0 6.0

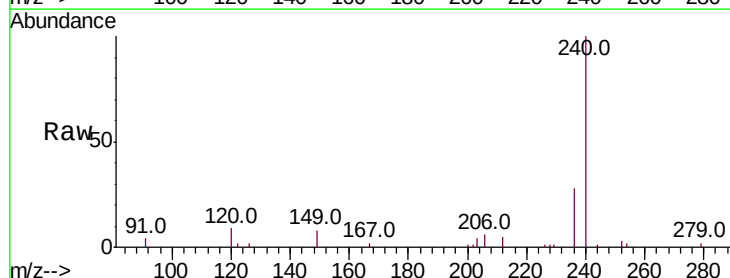


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

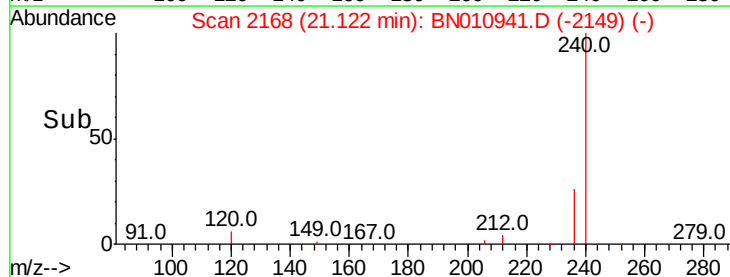
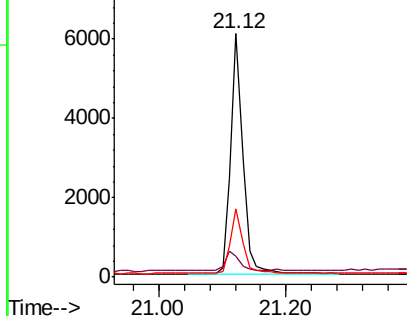


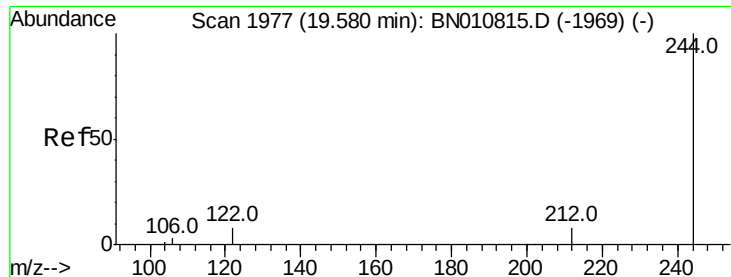
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BN010941.D
 Acq: 17 Jun 2020 14:09

Tgt Ion:240 Resp: 8254
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.5 11.3
 236 27.8 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: 0.575 ng

RT: 19.56 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

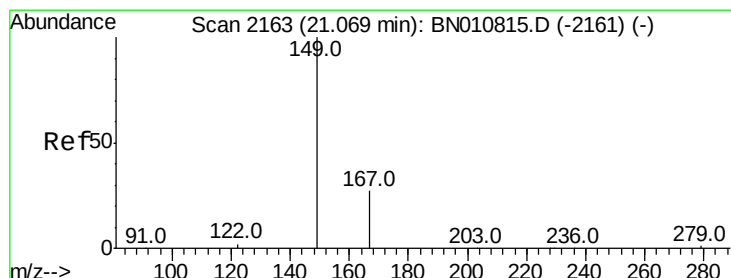
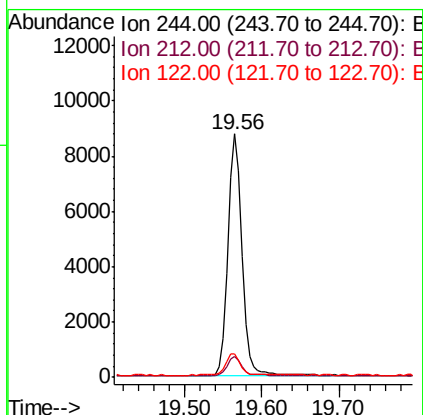
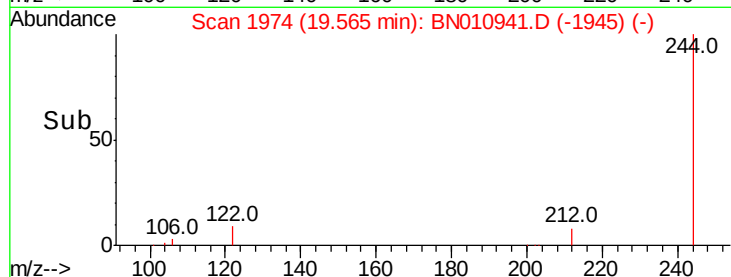
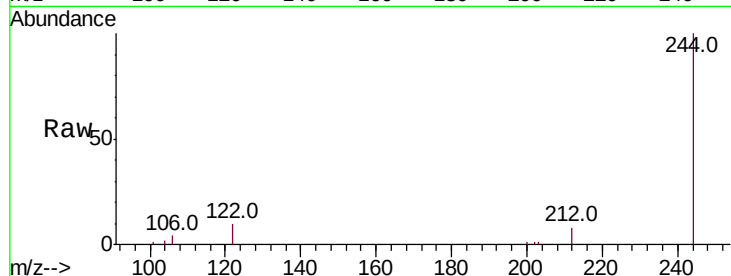
Tot Ion:244 Resp: 11099

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

122 9.5 7.5 11.3



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

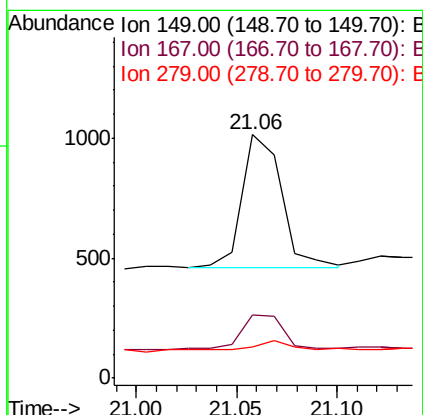
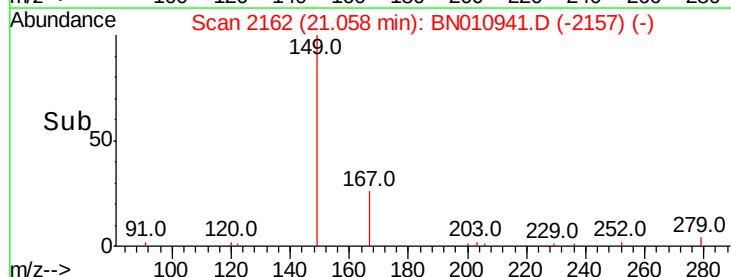
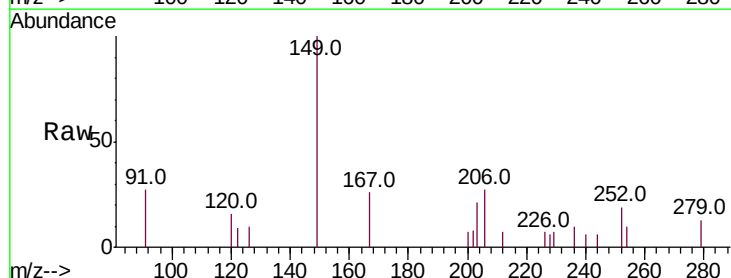
Tgt Ion:149 Resp: 756

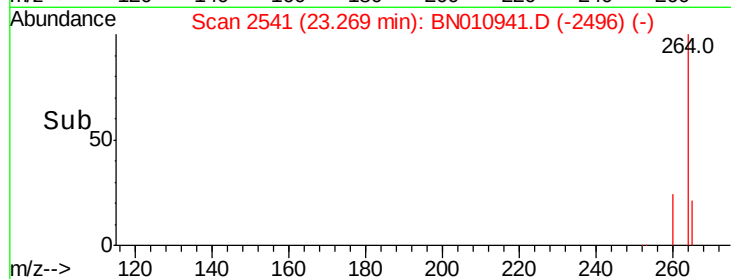
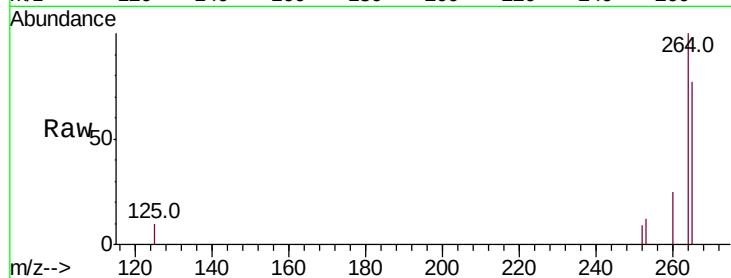
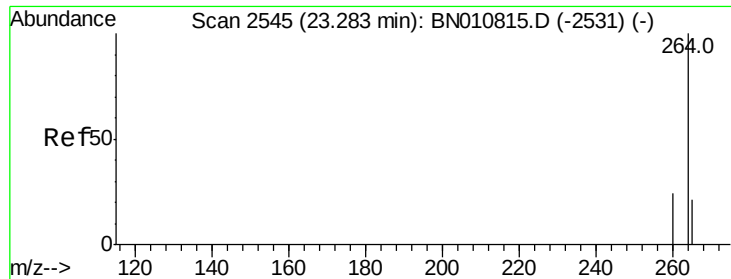
Ion Ratio Lower Upper

149 100

167 25.7 24.1 36.1

279 5.4 4.6 7.0





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010941.D

Acq: 17 Jun 2020 14:09

Instrument :

BNA_N

ClientSampleId :

RE123D1-20200612

Tot Ion: 264 Resp: 8502

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 76.7 75.0 112.4

