

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010977.D
 Acq On : 19 Jun 2020 19:23
 Operator : CG/JU
 Sample : L3043-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616

Quant Time: Jun 22 00:43:51 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

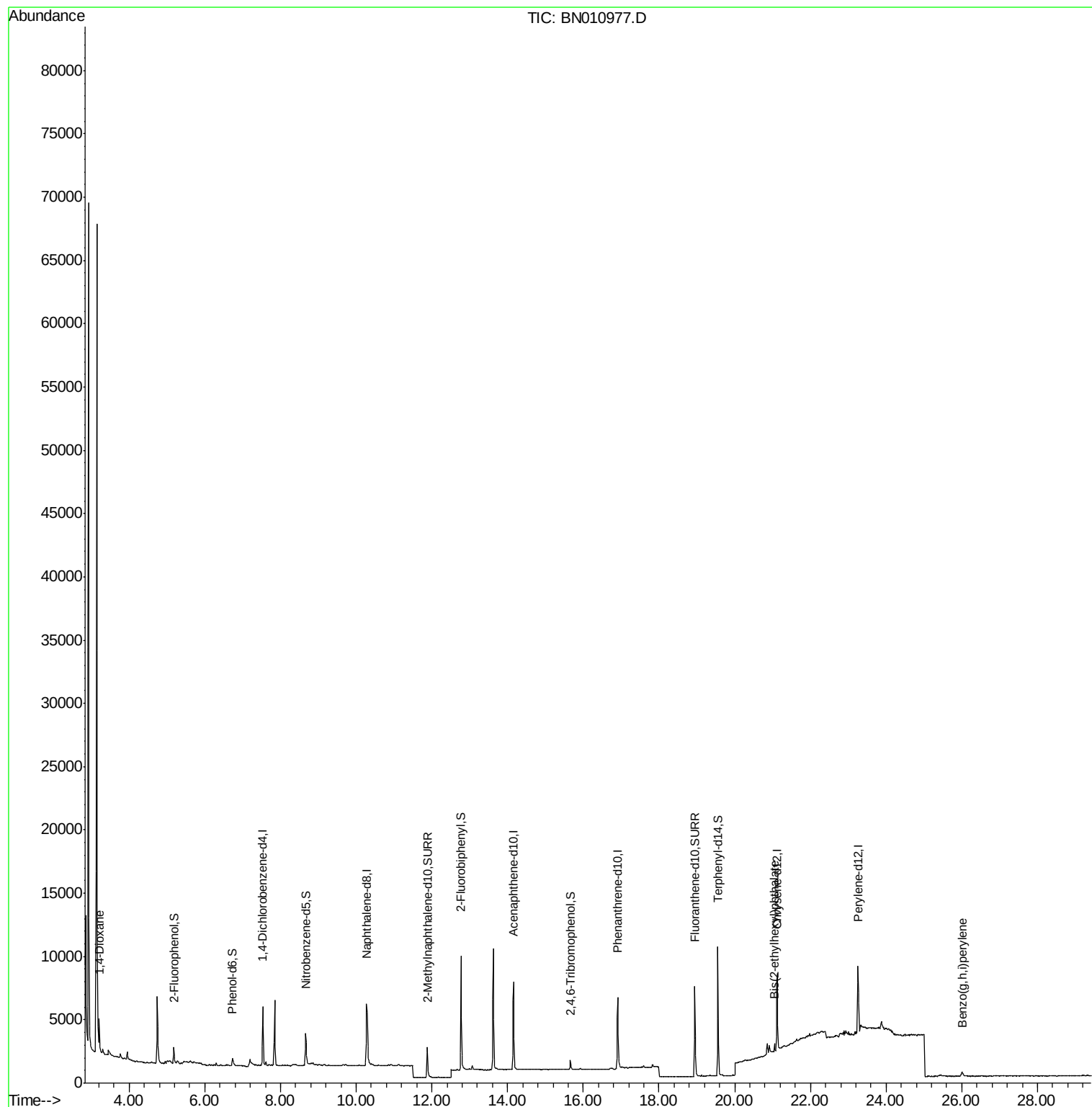
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2362	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8233	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4284	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8795	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7300	0.40	ng	0.00
34) Perylene-d12	23.26	264	7905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1034	0.23	ng	0.00
5) Phenol-d6	6.73	99	645	0.12	ng	0.00
8) Nitrobenzene-d5	8.67	82	2925	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4029	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	681	0.44	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	8766	0.52	ng	0.00
25) Fluoranthene-d10	18.95	212	9747	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	10802	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	1792	0.775	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.06	149	556	0.078	ng	# 96
39) Benzo(g,h,i)perylene	26.00	276	739	0.027	ng	# 53

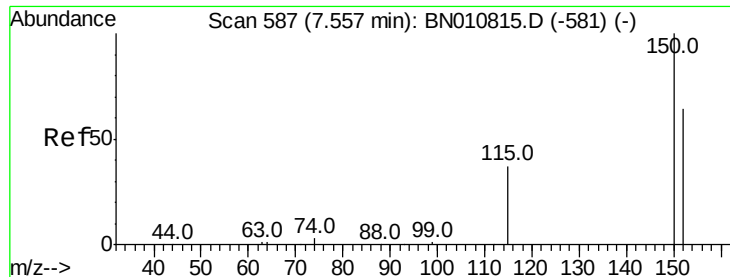
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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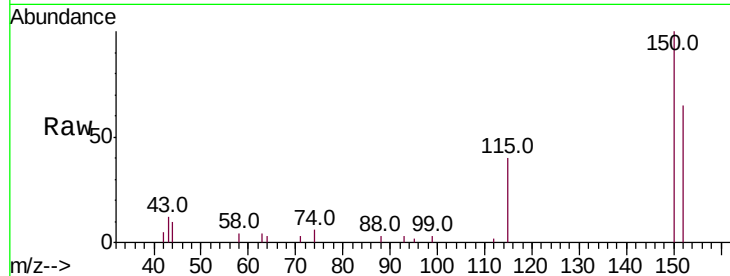




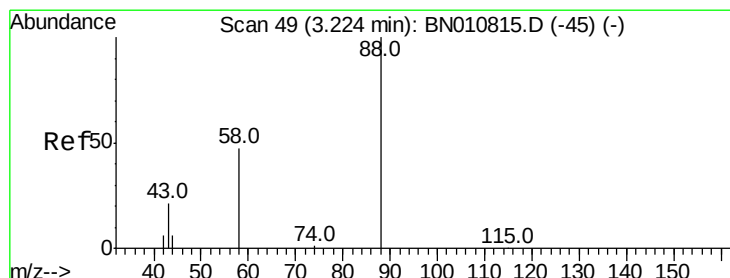
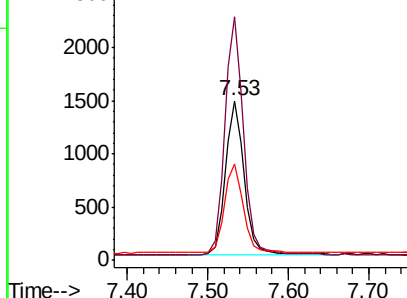
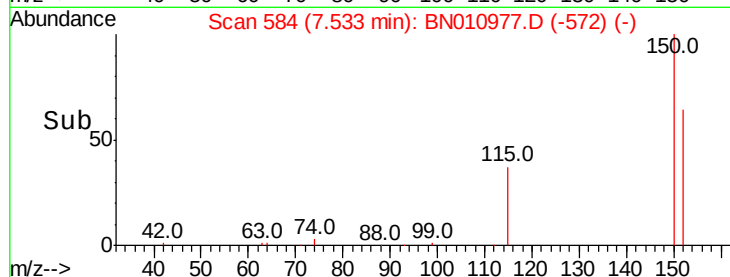
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.53 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616

Tot Ion:152 Resp: 2362
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.8 185.6
 115 60.4 49.2 73.8

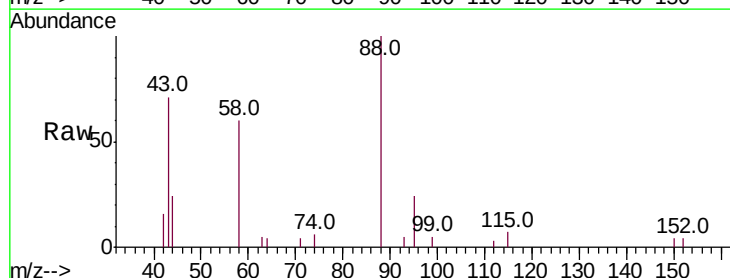


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

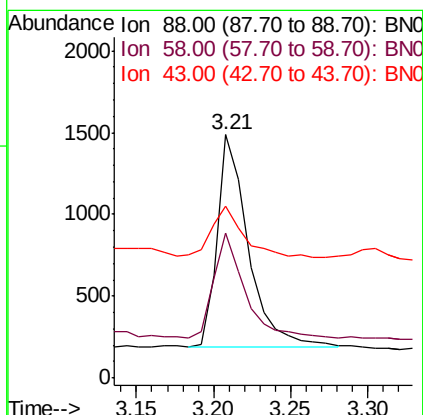
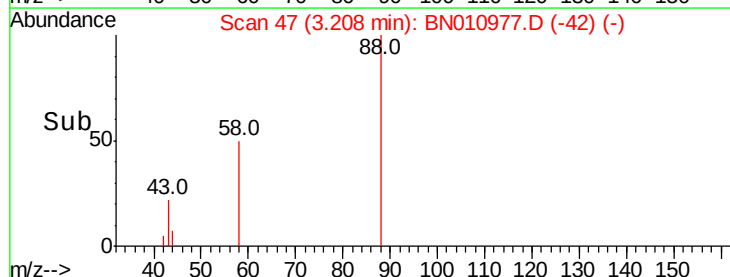


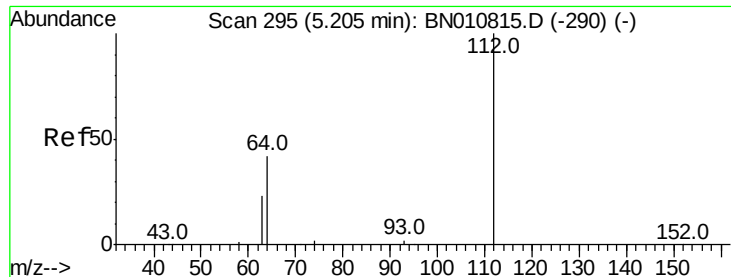
#2
 1,4-Dioxane
 Concen: 0.775 ng
 RT: 3.21 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

Tgt Ion: 88 Resp: 1792
 Ion Ratio Lower Upper
 88 100
 58 50.4 38.2 57.4
 43 25.5 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
 Ion 58.00 (57.70 to 58.70): BN0
 Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.227 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

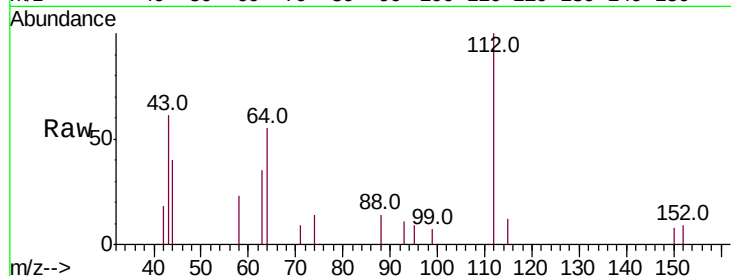
Tot Ion:112 Resp: 1034

Ion Ratio Lower Upper

112 100

64 45.5 37.4 56.0

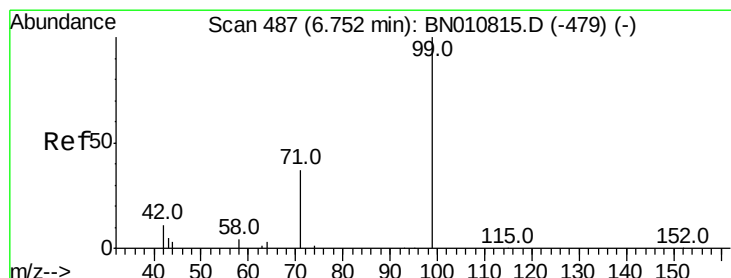
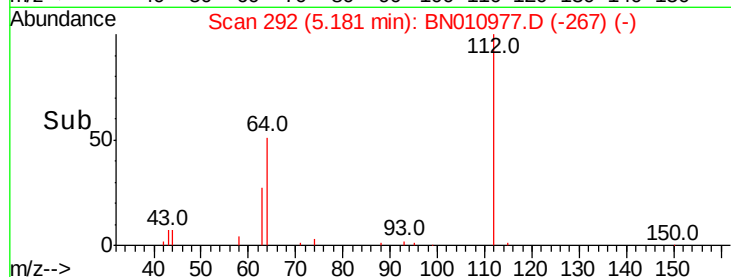
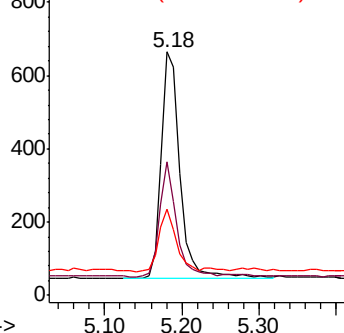
63 25.5 22.2 33.4



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: 0.120 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

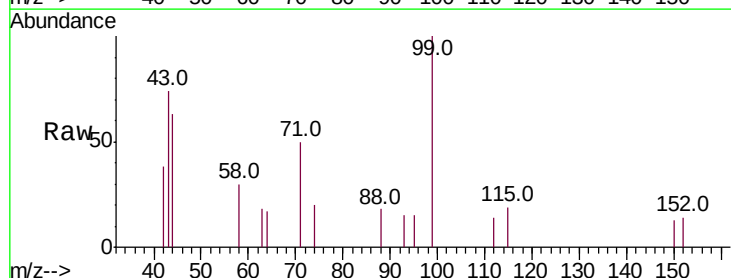
Tgt Ion: 99 Resp: 645

Ion Ratio Lower Upper

99 100

42 17.2 11.1 16.7#

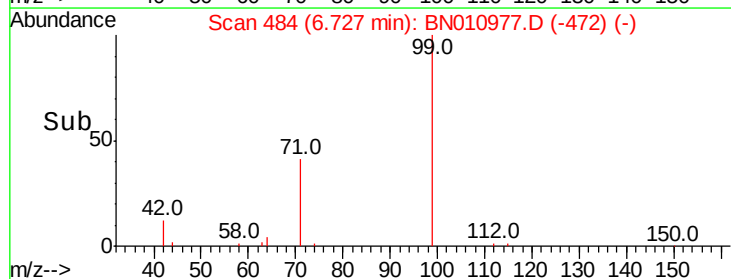
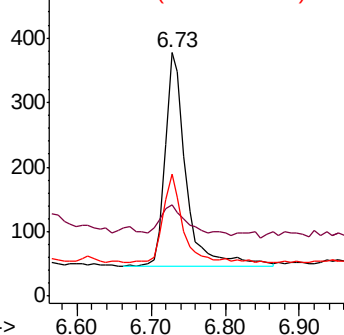
71 40.3 31.4 47.2

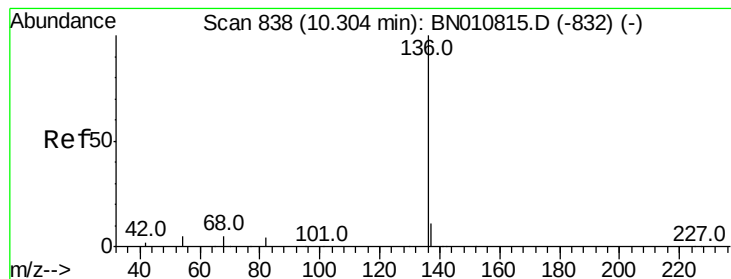


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

Tot Ion:136 Resp: 8233

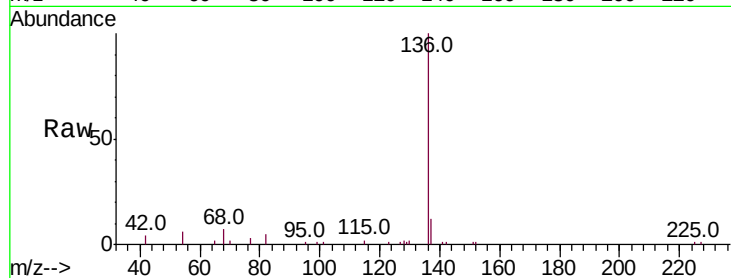
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 6.2 4.9 7.3

68 6.7 4.7 7.1

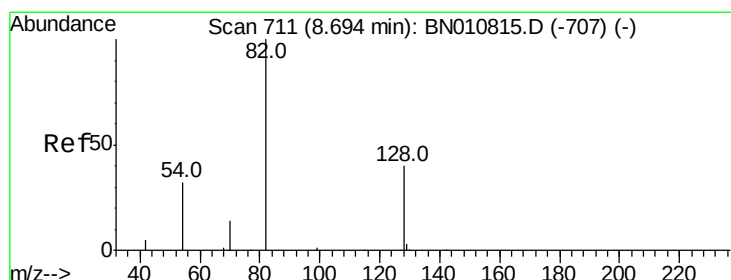
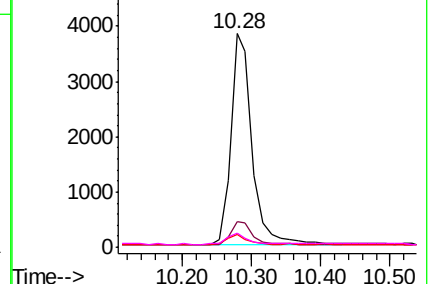
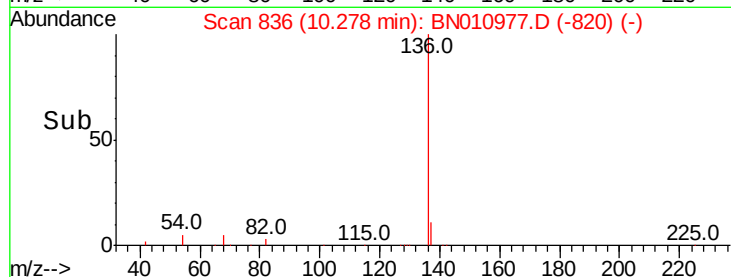


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.480 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

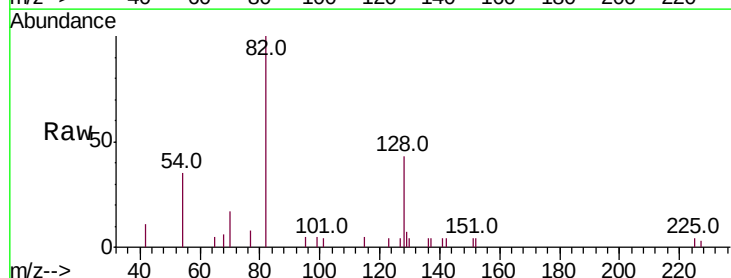
Tgt Ion: 82 Resp: 2925

Ion Ratio Lower Upper

82 100

128 42.9 35.4 53.0

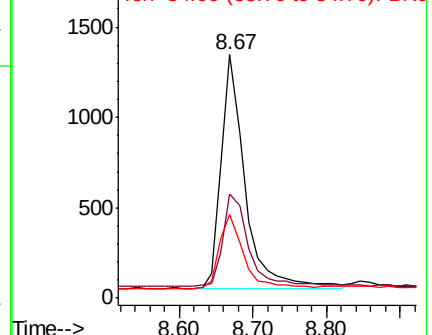
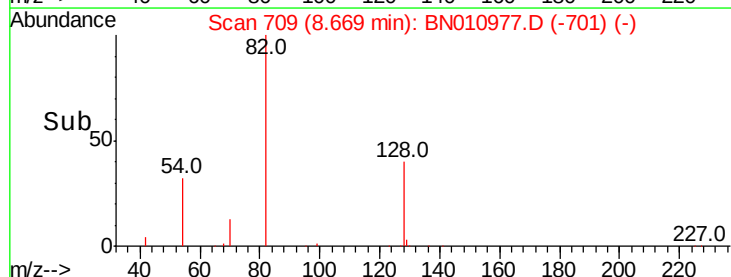
54 34.5 28.2 42.4

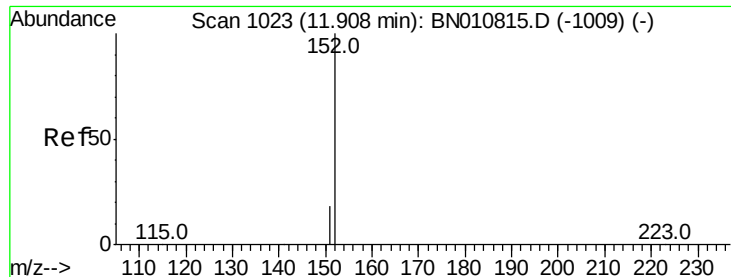


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

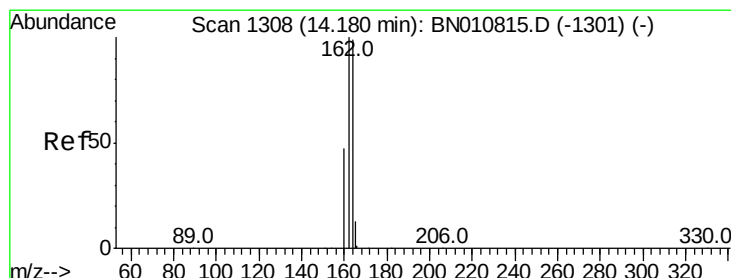
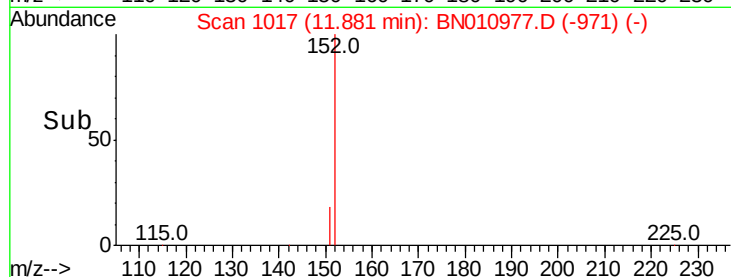
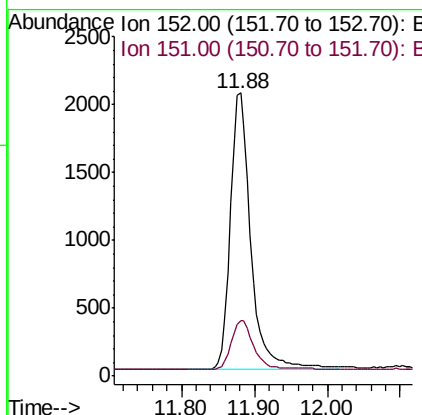
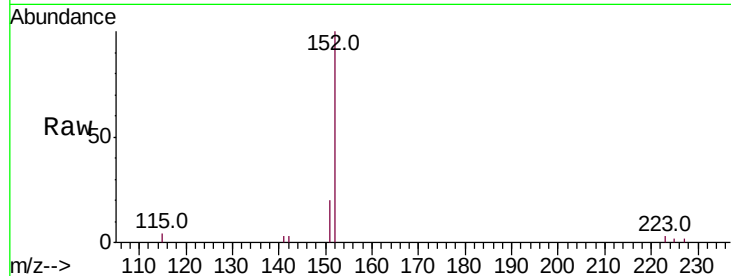




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

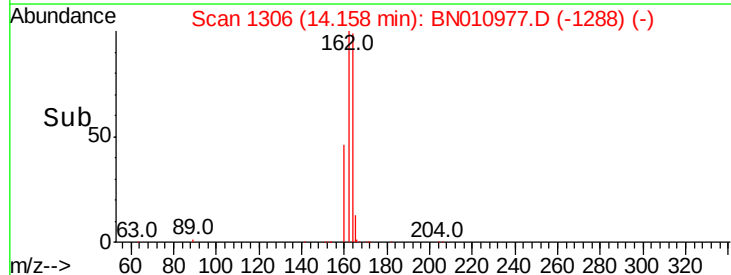
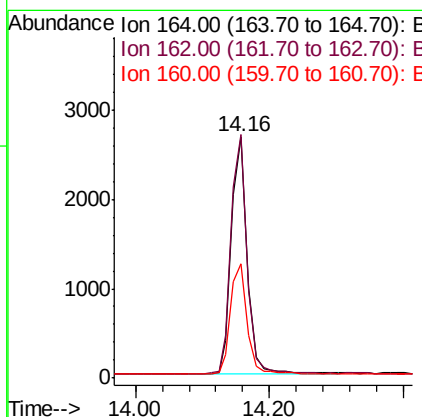
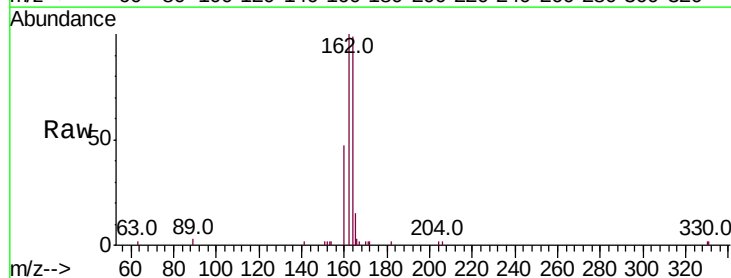
Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616

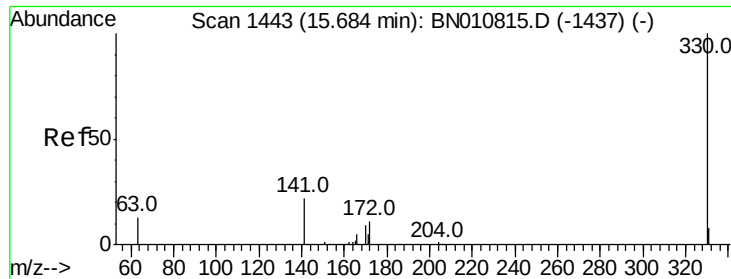
Tot Ion:152 Resp: 4029
Ion Ratio Lower Upper
152 100
151 18.9 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion:164 Resp: 4284
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.6
160 47.1 38.9 58.3

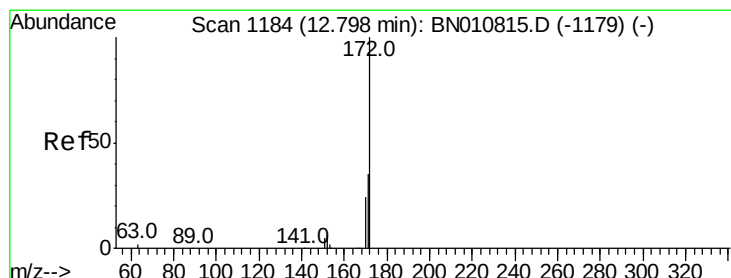
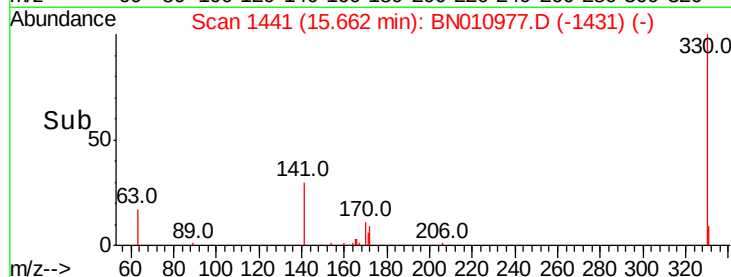
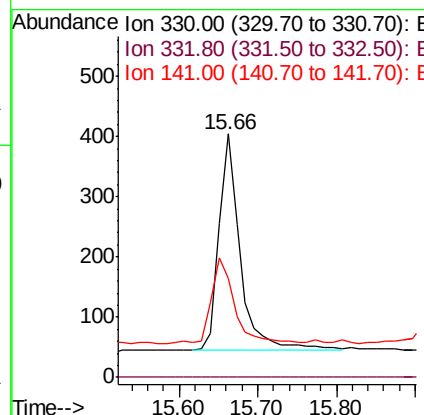
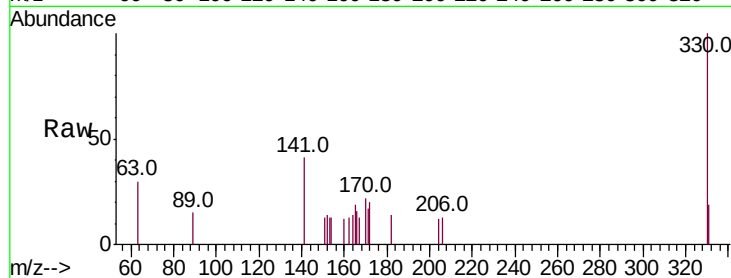




#14
 2,4,6-Tribromophenol
 Concen: 0.444 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

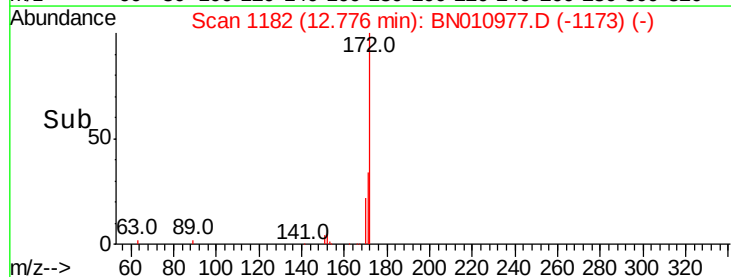
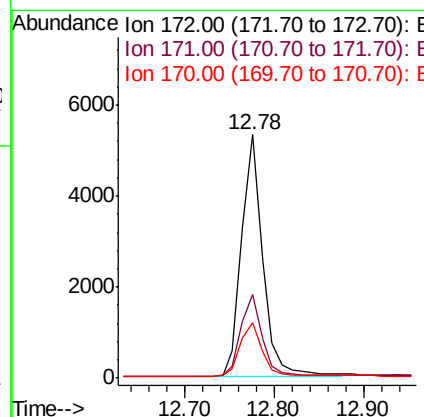
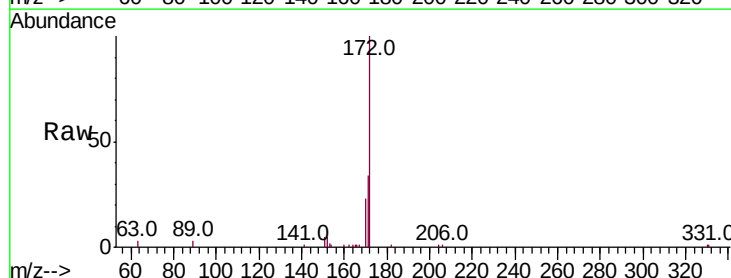
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616

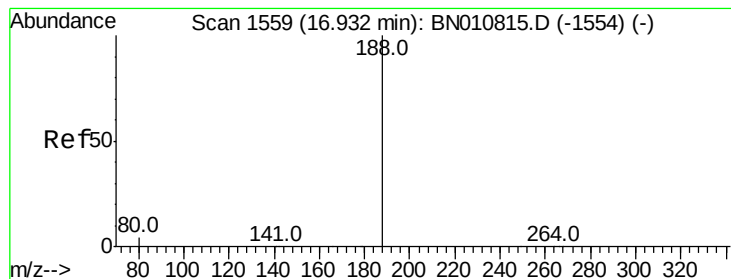
Tot Ion:330 Resp: 681
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.0 33.2 49.8



#15
 2-Fluorobiphenyl
 Concen: 0.519 ng
 RT: 12.78 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

Tgt Ion:172 Resp: 8766
 Ion Ratio Lower Upper
 172 100
 171 34.2 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. 0.01 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

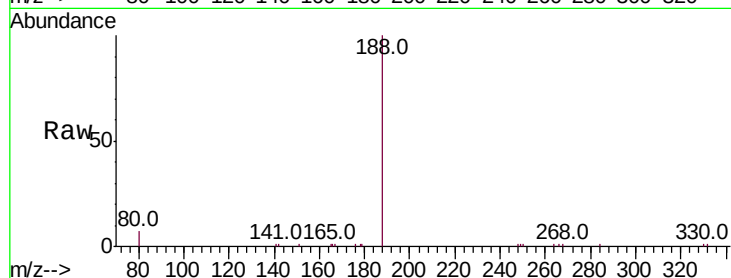
Tot Ion:188 Resp: 8795

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

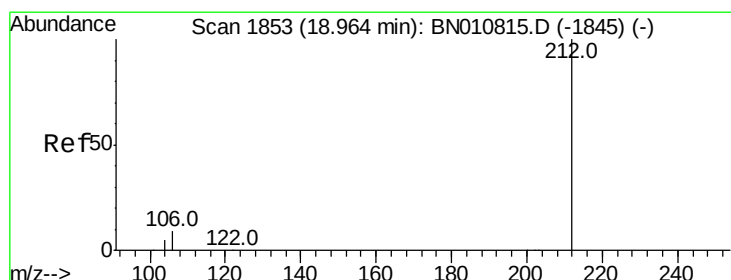
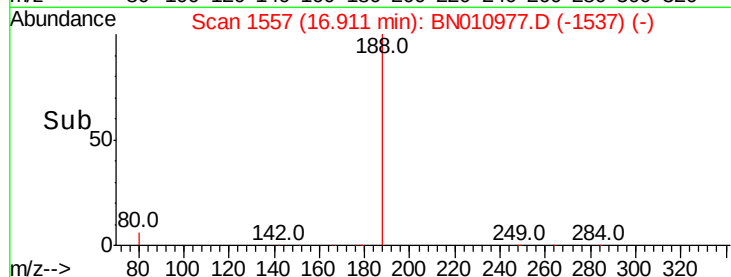
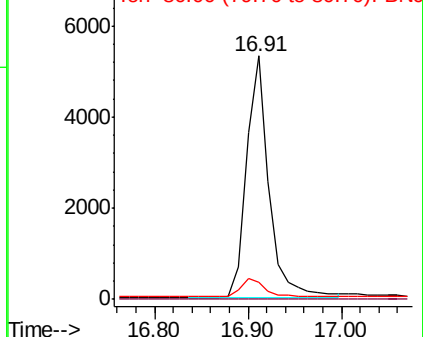
80 7.2 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

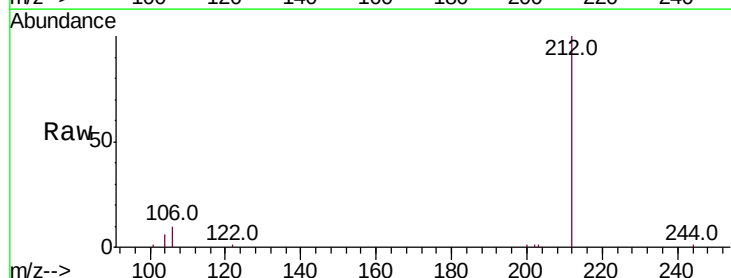
Tgt Ion:212 Resp: 9747

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

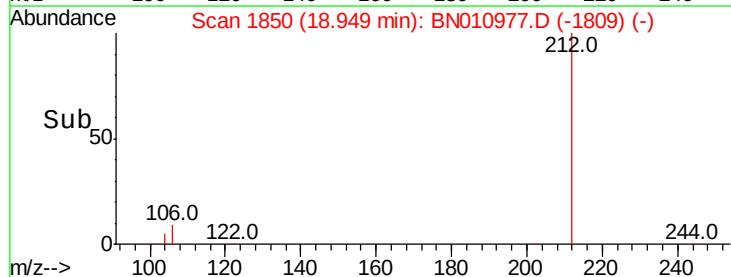
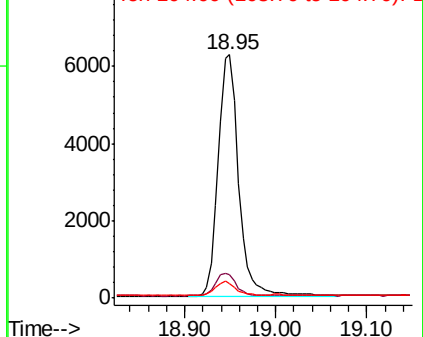
104 5.3 4.0 6.0

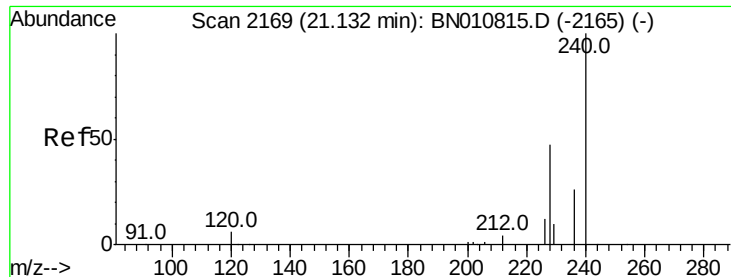


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

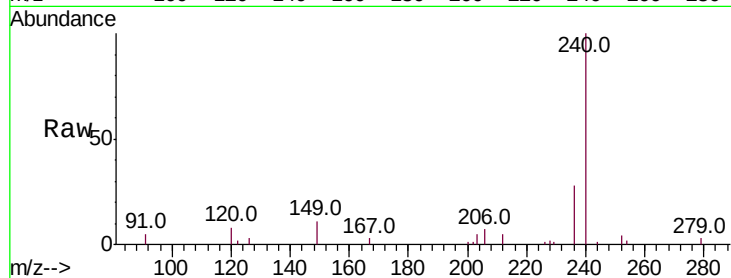




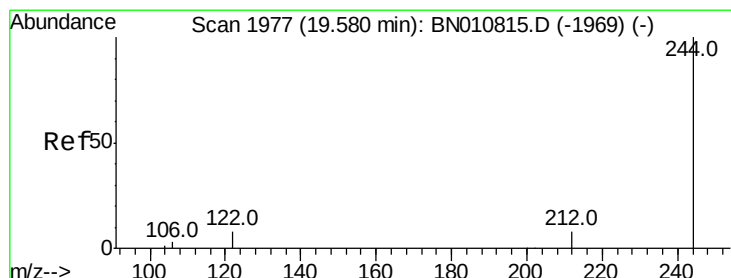
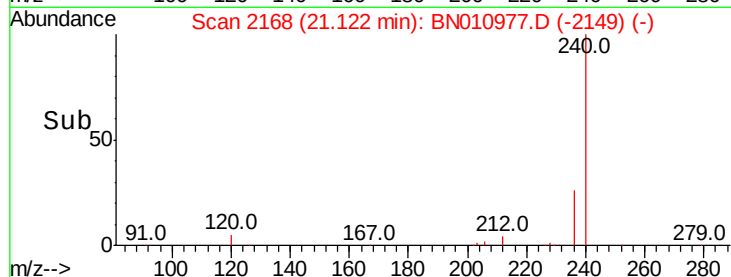
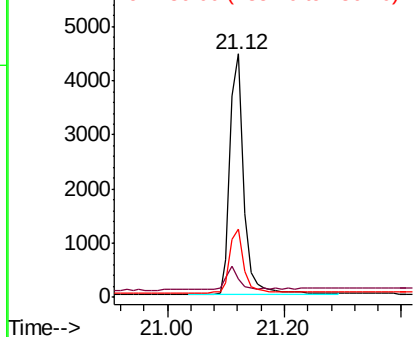
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616

Tot Ion:240 Resp: 7300
Ion Ratio Lower Upper
240 100
120 7.7 7.5 11.3
236 27.9 22.3 33.5

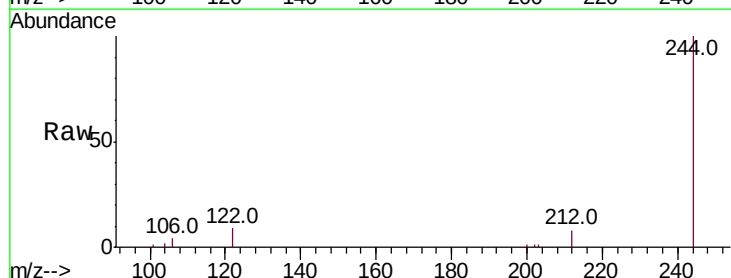


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

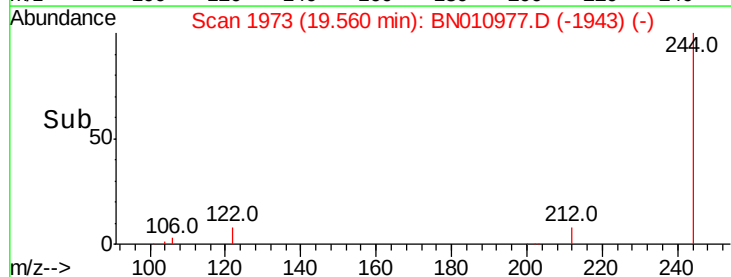
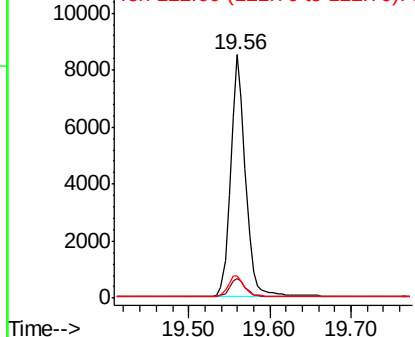


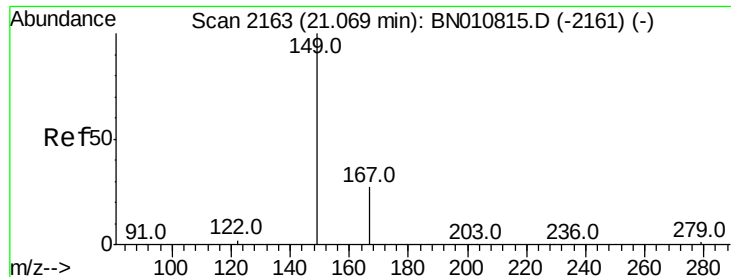
#29
Terphenyl-d14
Concen: 0.632 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion:244 Resp: 10802
Ion Ratio Lower Upper
244 100
212 8.2 7.4 11.2
122 9.0 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: 0.078 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

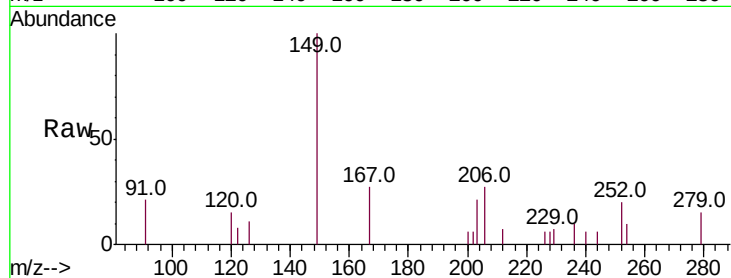
Tot Ion:149 Resp: 556

Ion Ratio Lower Upper

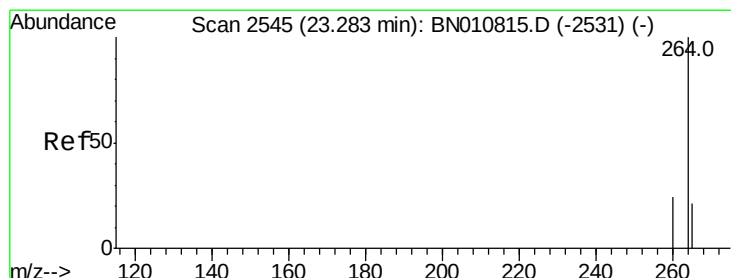
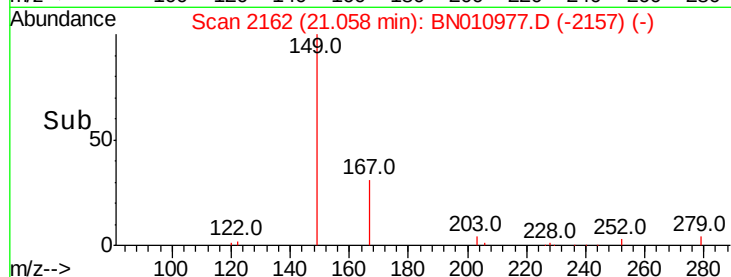
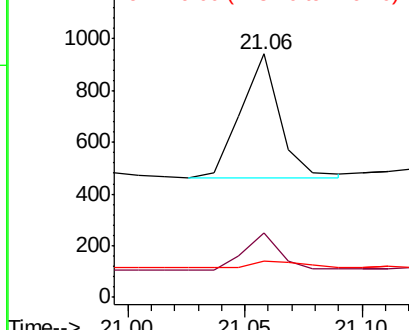
149 100

167 27.9 24.1 36.1

279 7.0 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

Perylene-d12

Concen: 0.400 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

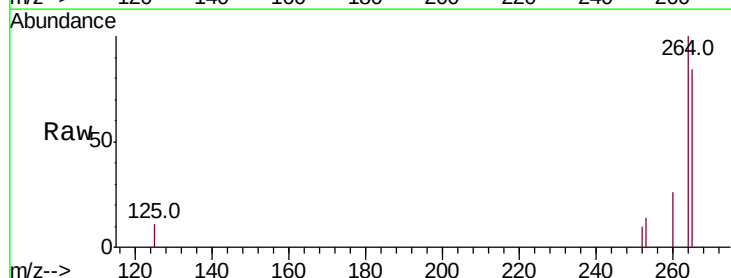
Tgt Ion:264 Resp: 7905

Ion Ratio Lower Upper

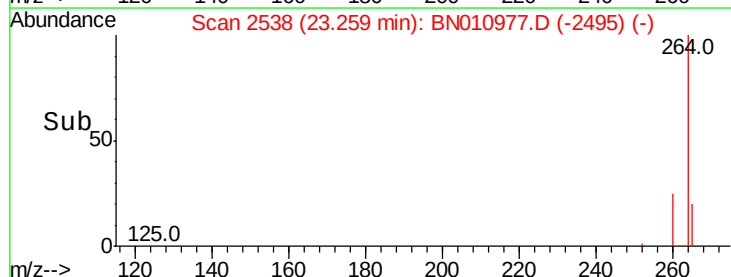
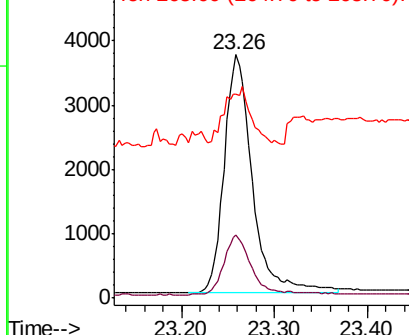
264 100

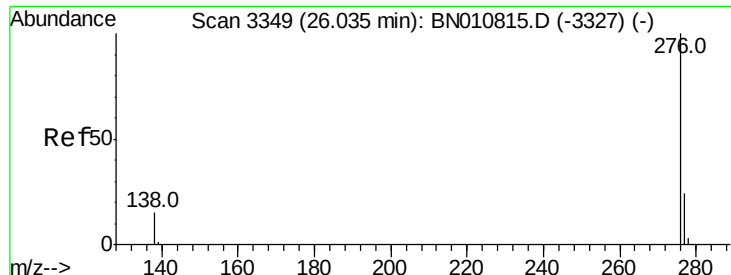
260 25.7 20.4 30.6

265 83.7 75.0 112.4



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





#39

Benzo(a,h,i)perylene

Concen: 0.027 ng

RT: 26.00 min Scan# 3340

Delta R.T. 0.00 min

Lab File: BN010977.D

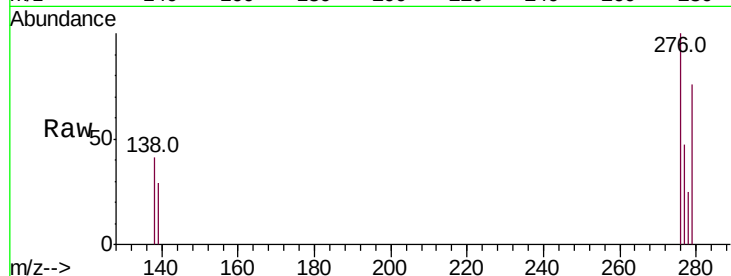
Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616



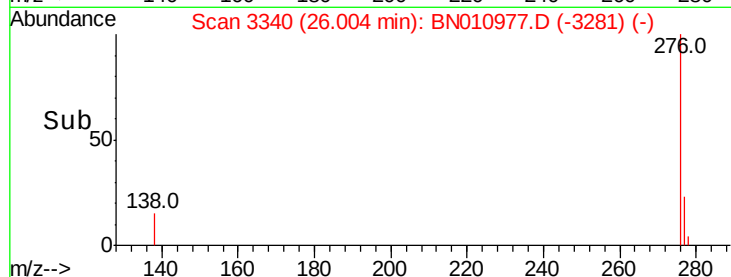
Tot Ion:276 Resp: 739

Ion Ratio Lower Upper

276 100

277 46.5 20.5 30.7#

138 41.0 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

