

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
 Data File : BN010878.D
 Acq On : 15 Jun 2020 17:39
 Operator : CG/JU
 Sample : L3005-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW003-200611

Quant Time: Jun 15 18:18:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

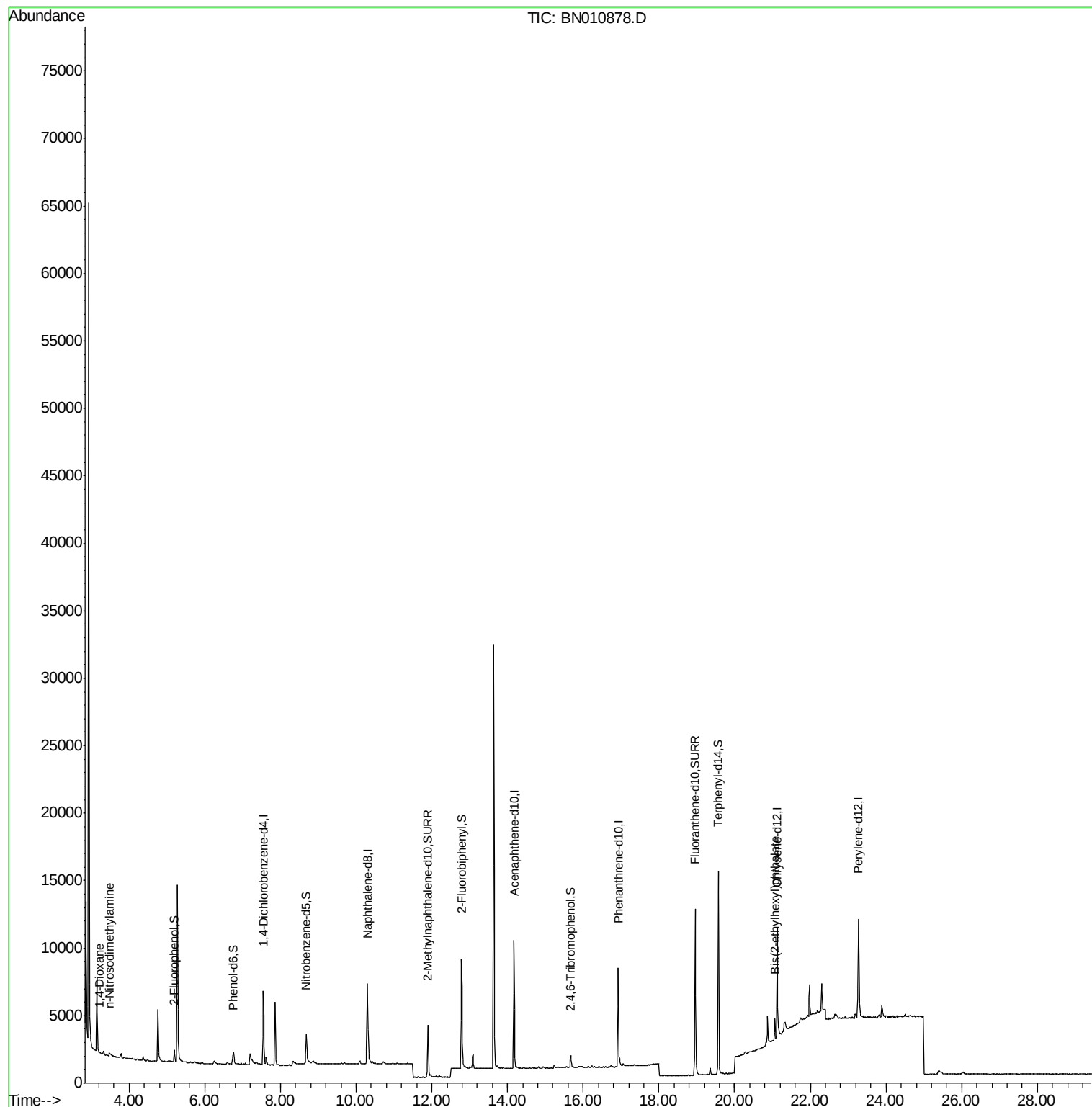
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2760	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9861	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	5461	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	11096	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9605	0.40	ng	0.00
34) Perylene-d12	23.27	264	10192	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	848	0.16	ng	0.00
5) Phenol-d6	6.74	99	586	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	2732	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6229	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	789	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8387	0.39	ng	0.00
25) Fluoranthene-d10	18.96	212	15199	0.50	ng	0.00
29) Terphenyl-d14	19.57	244	15680	0.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	74	0.027	ng	# 37
3) n-Nitrosodimethylamine	3.48	42	36	0.023	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.07	149	1304	0.139	ng	# 93

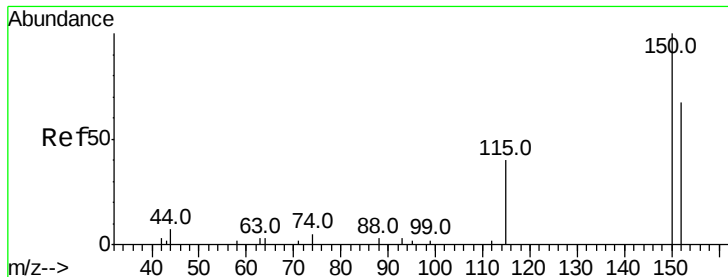
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061520\
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Quant Time: Jun 15 18:18:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

LF017MW003-200611

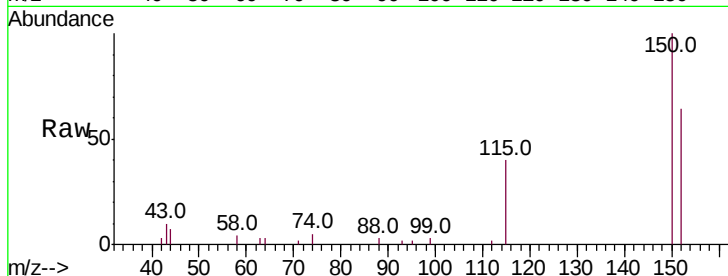
Tot Ion:152 Resp: 2760

Ion Ratio Lower Upper

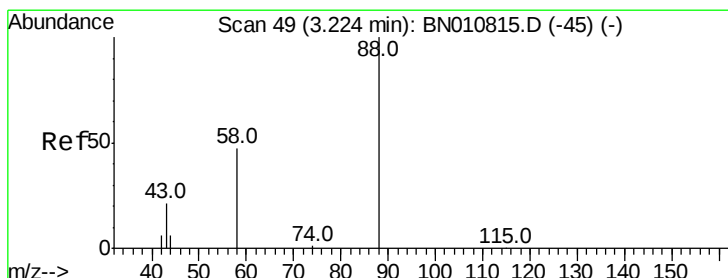
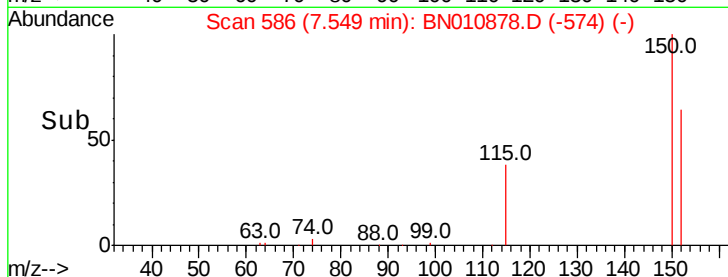
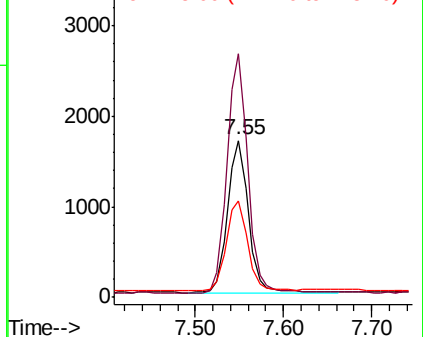
152 100

150 155.4 123.8 185.6

115 61.8 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: 0.027 ng

RT: 3.22 min Scan# 49

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

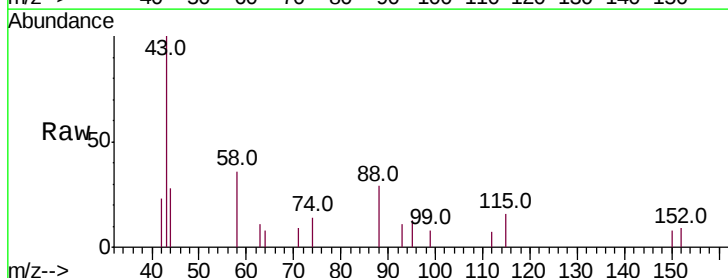
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

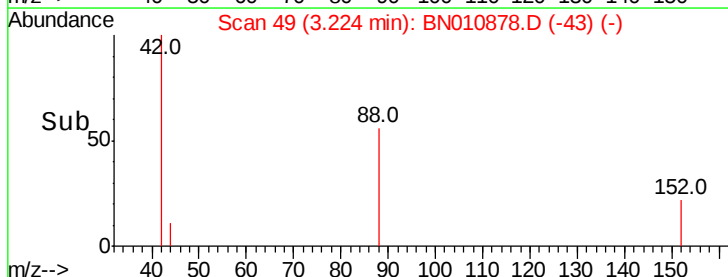
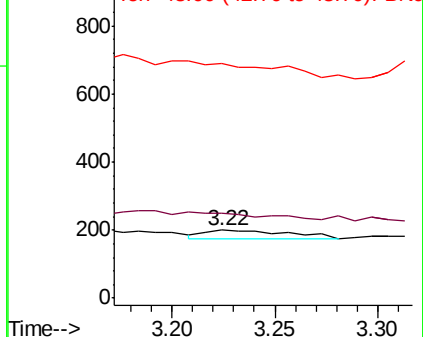
88 100

58 0.0 38.2 57.4#

43 0.0 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: 0.023 ng

RT: 3.48 min Scan# 81

Delta R.T. -0.06 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

LF017MW003-200611

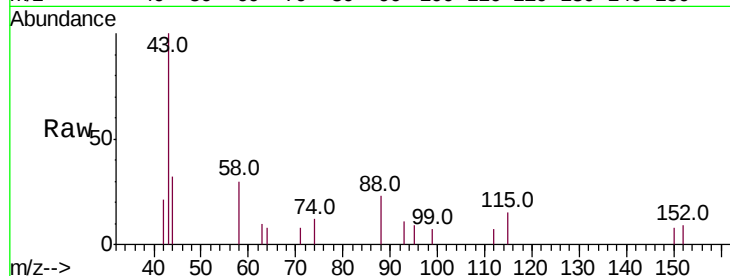
Tot Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

44 411.1 1.4 2.2#

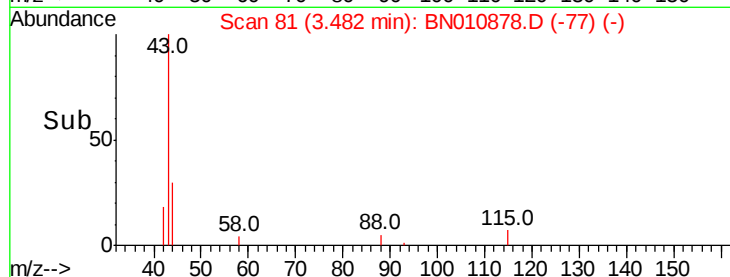
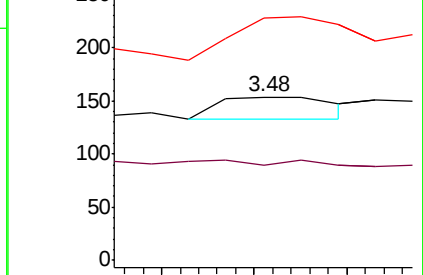


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

3.48



#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

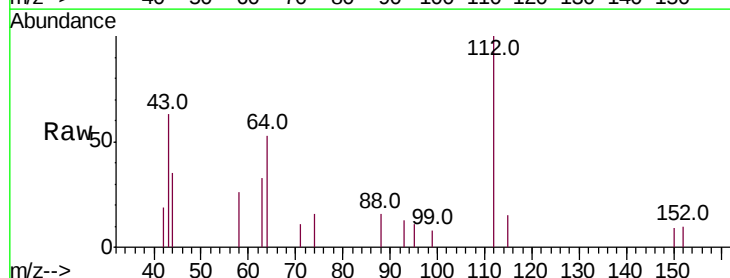
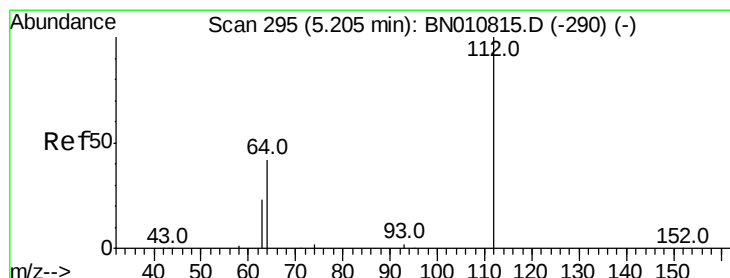
Tgt Ion: 112 Resp: 848

Ion Ratio Lower Upper

112 100

64 46.7 37.4 56.0

63 25.6 22.2 33.4

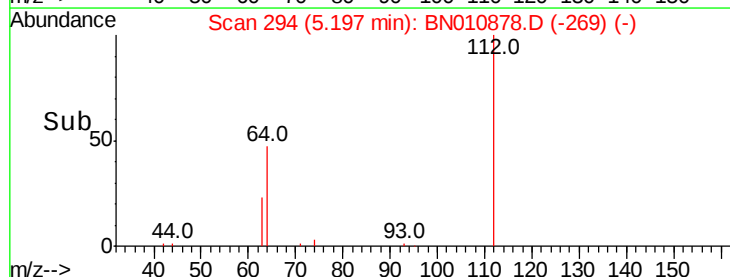
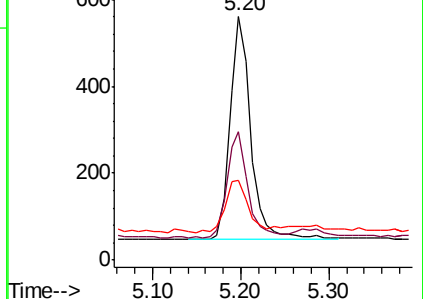


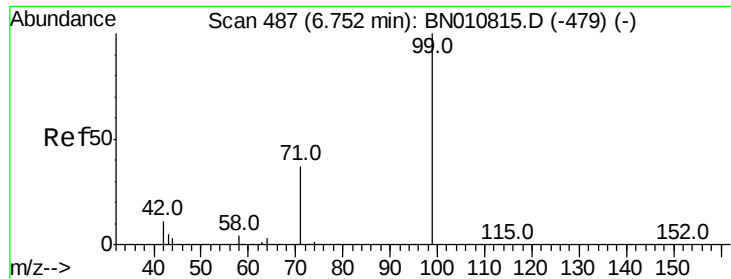
Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

5.20





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

LF017MW003-200611

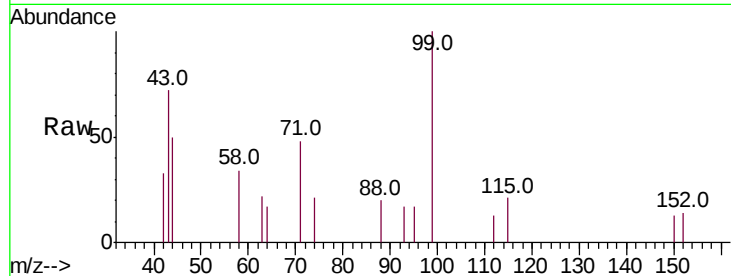
Tot Ion: 99 Resp: 586

Ion Ratio Lower Upper

99 100

42 20.8 11.1 16.7#

71 45.2 31.4 47.2

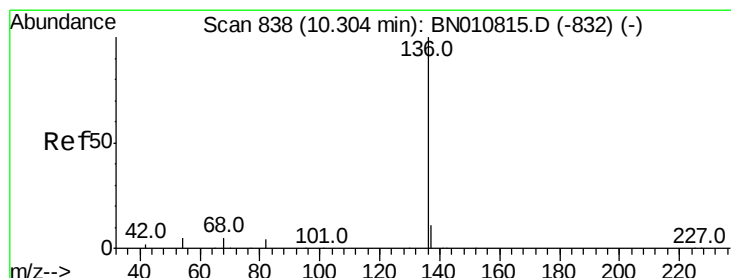
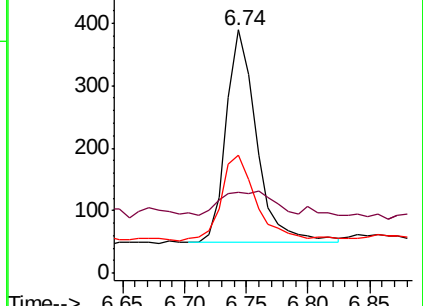
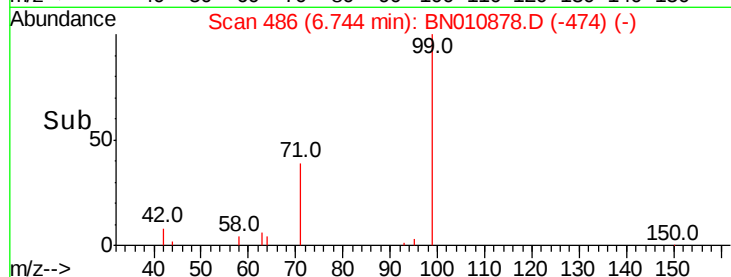


Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Tgt Ion: 136 Resp: 9861

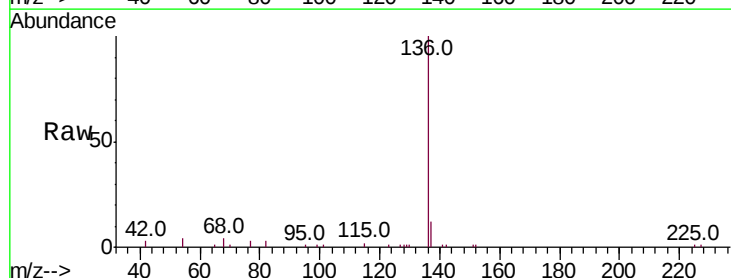
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 4.0 4.9 7.3#

68 4.4 4.7 7.1#



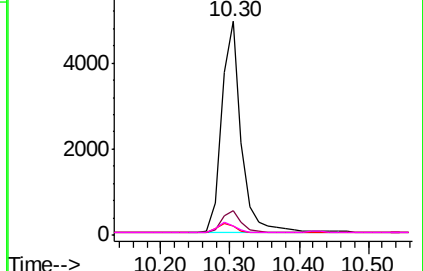
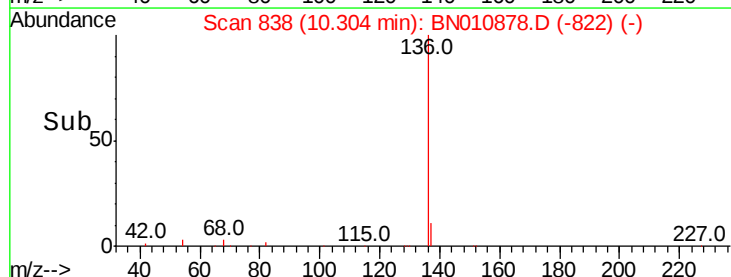
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

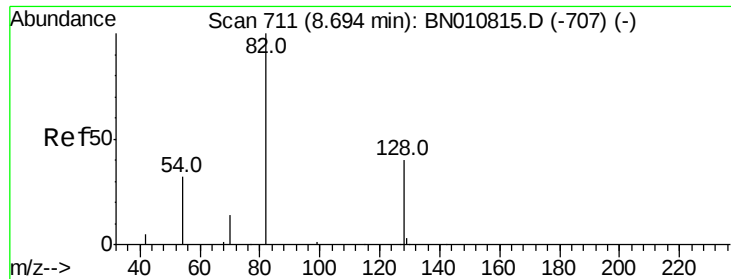
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

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

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

Time-->

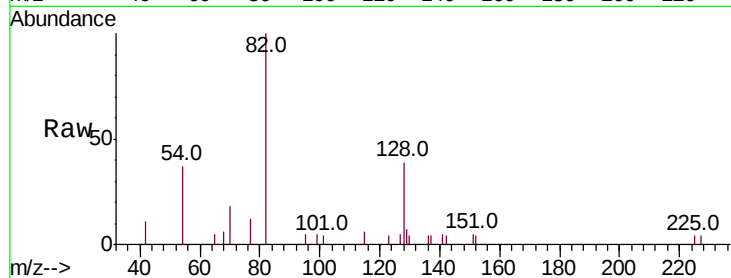




#8
 Nitrobenzene-d5
 Concen: 0.374 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010878.D
 Acq: 15 Jun 2020 17:39

Instrument :
 BNA_N
 ClientSampleId :
 LF017MW003-200611

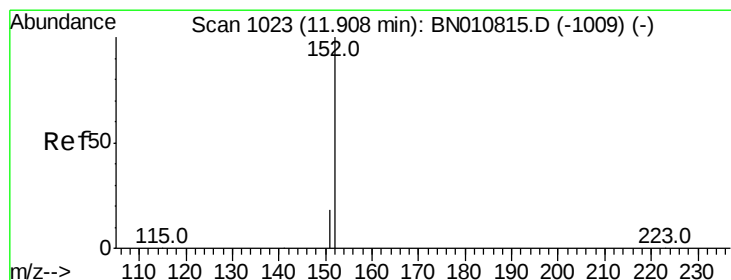
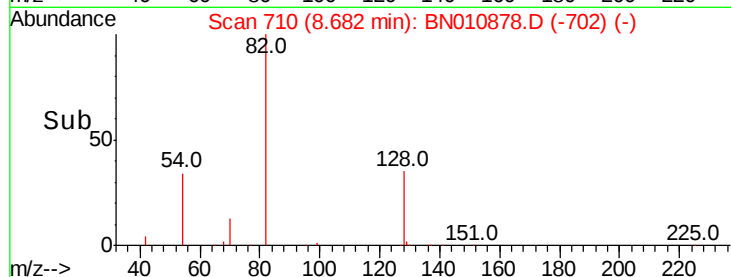
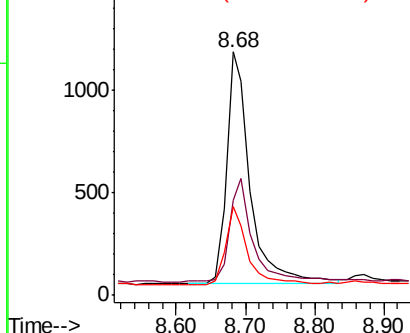
Tot Ion	82	Resp	2732
Ion Ratio	Lower	Upper	
82	100		
128	38.9	35.4	53.0
54	36.6	28.2	42.4



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

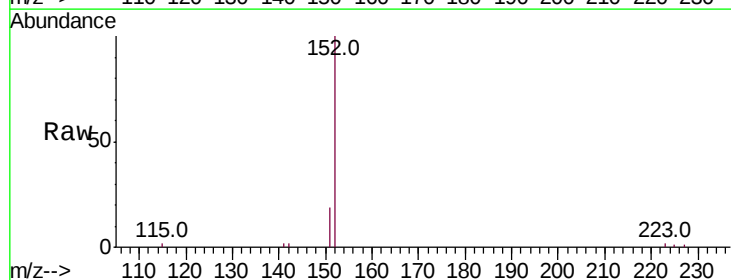
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

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



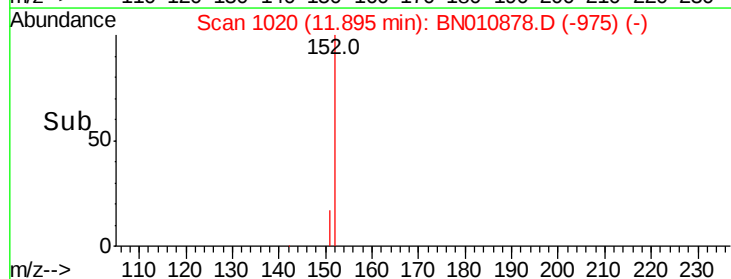
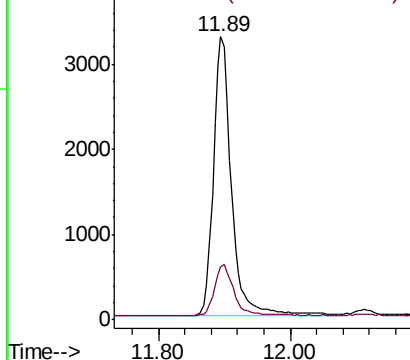
#11
 2-Methylnaphthalene-d10
 Concen: 0.407 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BN010878.D
 Acq: 15 Jun 2020 17:39

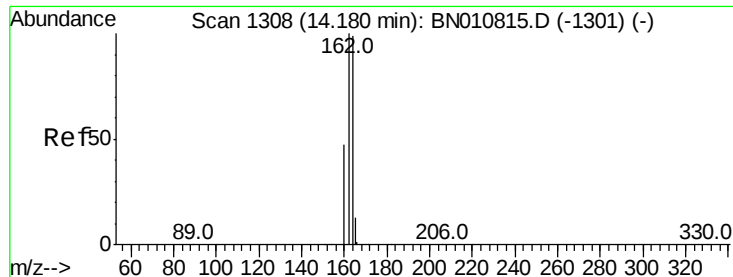
Tgt Ion	152	Resp	6229
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.3	22.9



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: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

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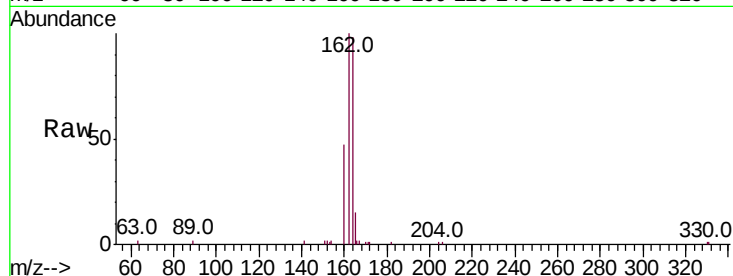
Tot Ion:164 Resp: 5461

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.6

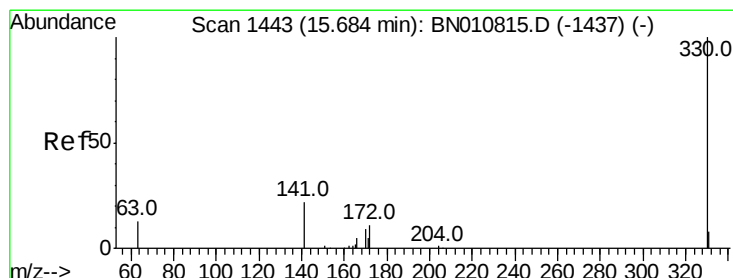
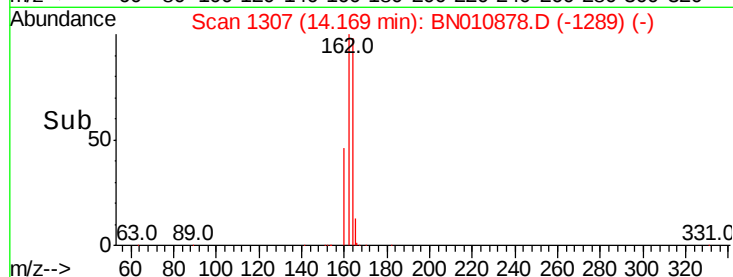
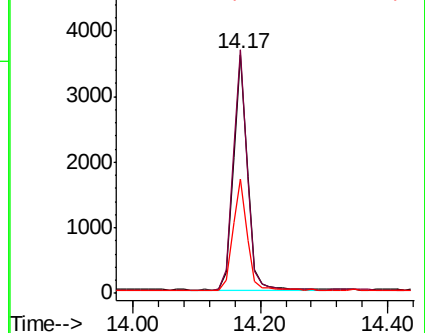
160 47.8 38.9 58.3



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: 0.404 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

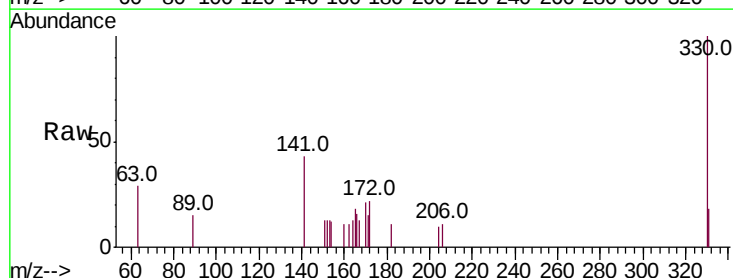
Tgt Ion:330 Resp: 789

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

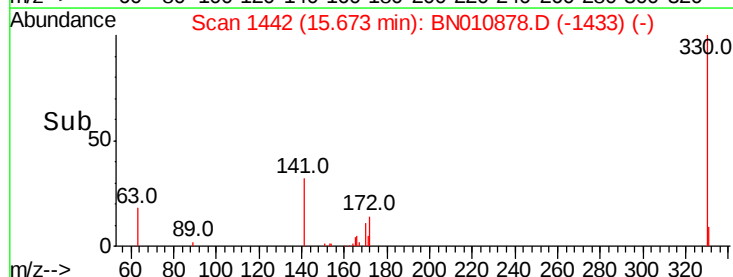
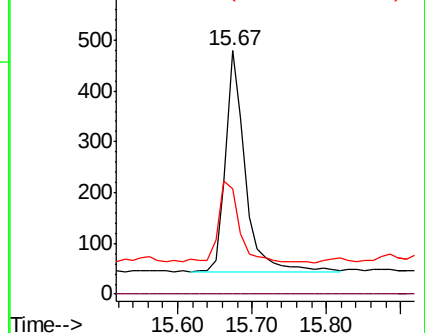
141 40.4 33.2 49.8

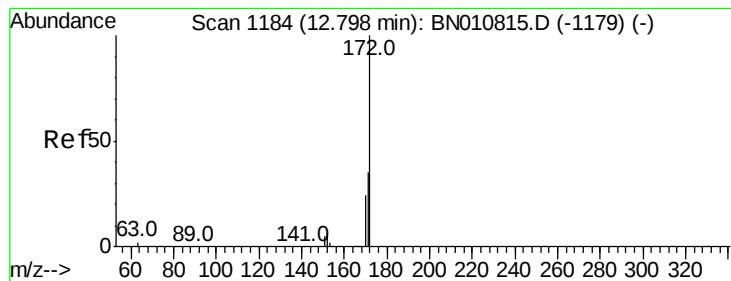


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.389 ng

RT: 12.79 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

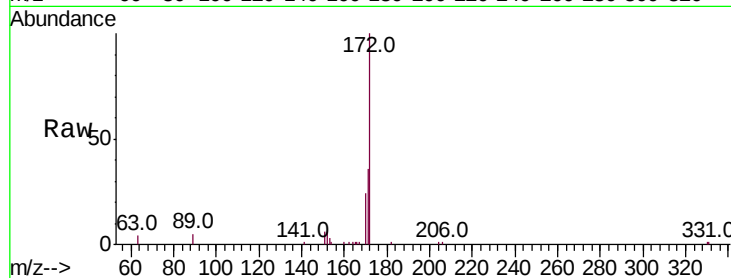
BNA_N

ClientSampleId :

LF017MW003-200611

Tot Ion:172 Resp: 8387

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.3	19.7	29.5

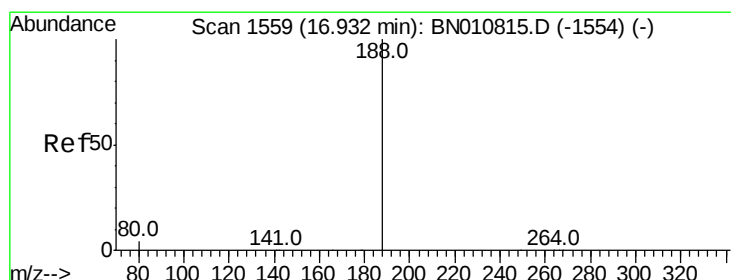
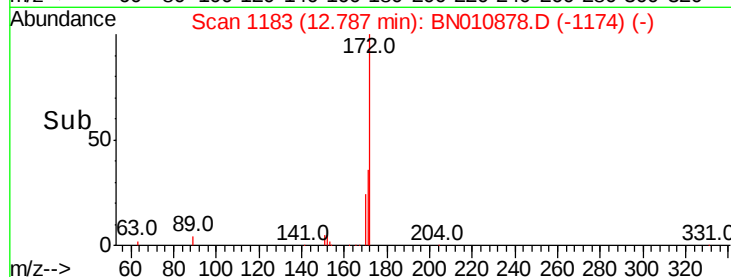
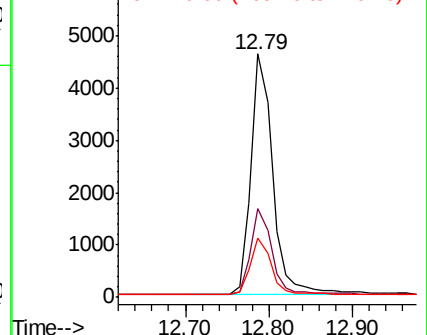


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

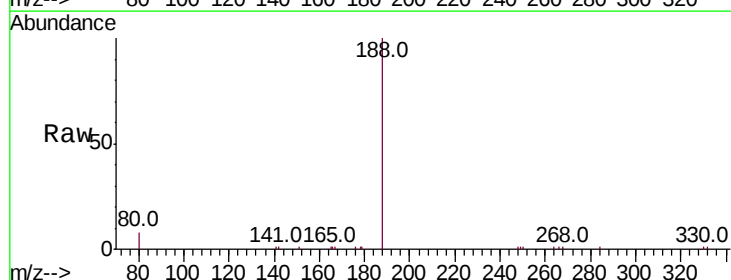
Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Tgt Ion:188 Resp: 11096

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	4.5	6.7

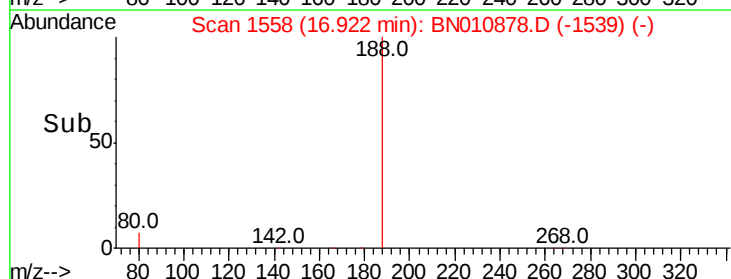
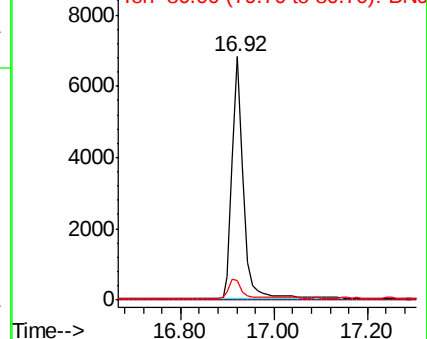


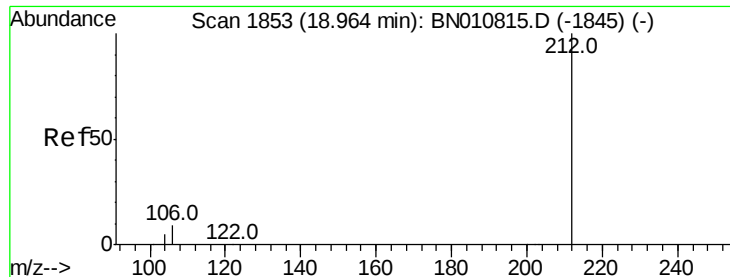
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.496 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

LF017MW003-200611

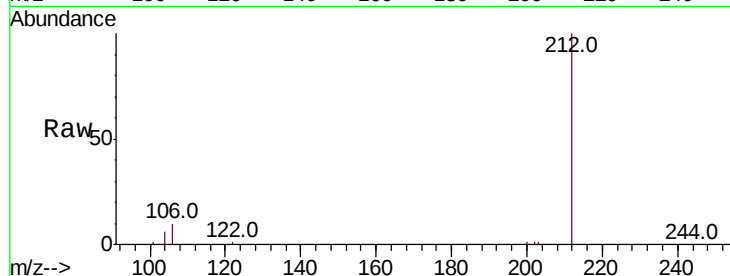
Tot Ion:212 Resp: 15199

Ion Ratio Lower Upper

212 100

106 10.2 6.6 10.0#

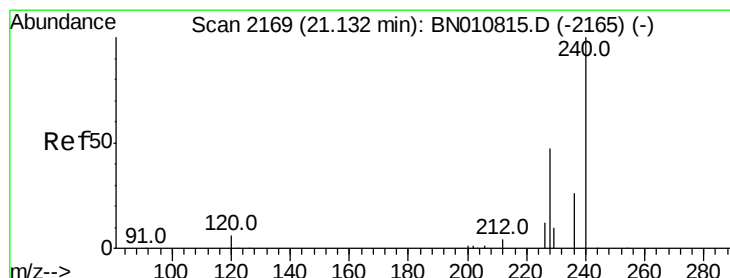
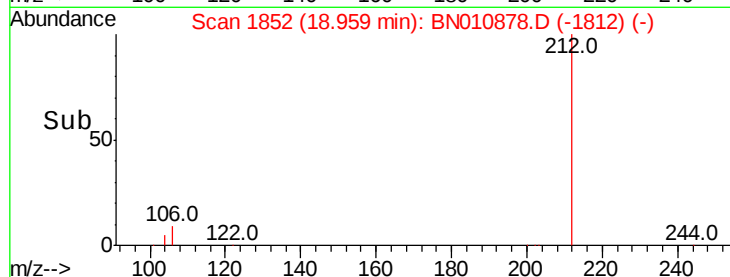
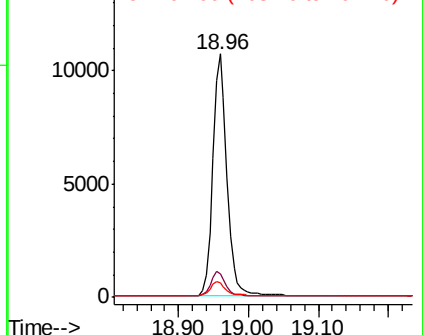
104 6.0 4.0 6.0#



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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

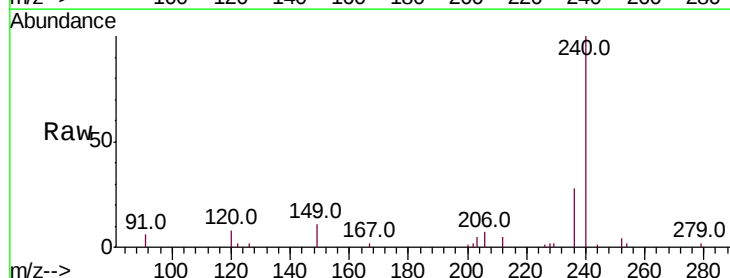
Tgt Ion:240 Resp: 9605

Ion Ratio Lower Upper

240 100

120 8.0 7.5 11.3

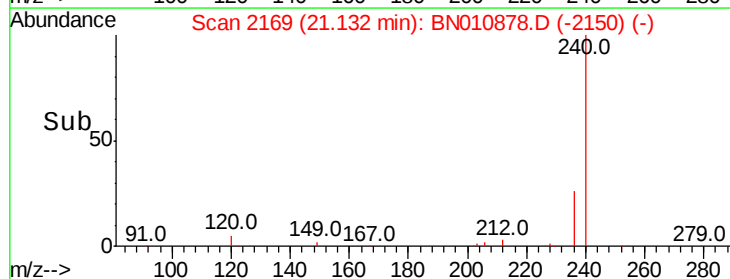
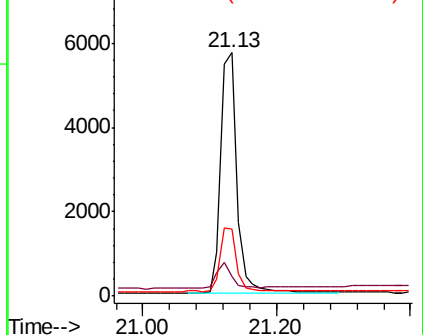
236 27.5 22.3 33.5

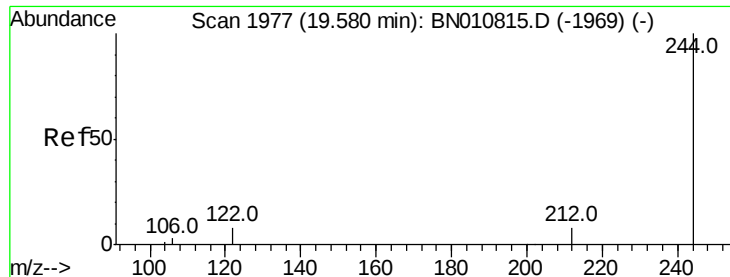


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.697 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

Instrument :

BNA_N

ClientSampleId :

LF017MW003-200611

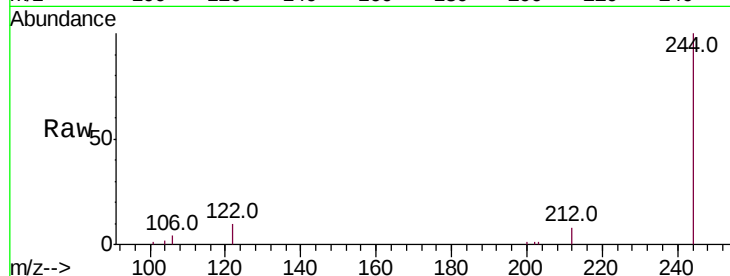
Tot Ion:244 Resp: 15680

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

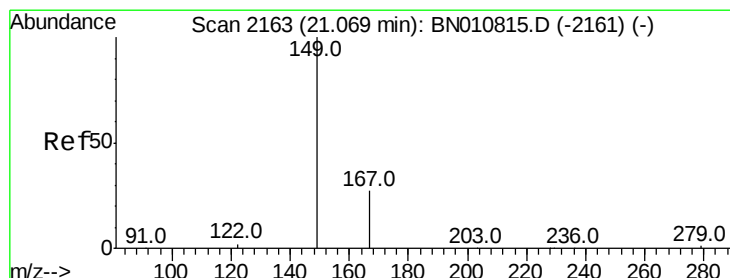
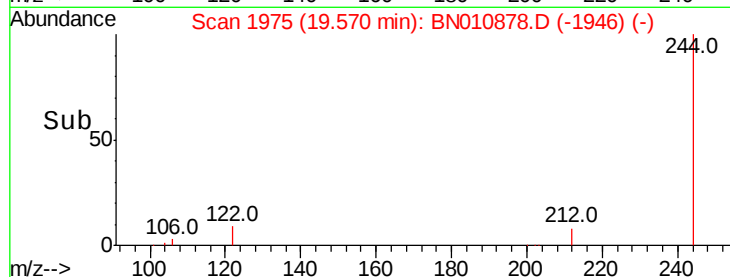
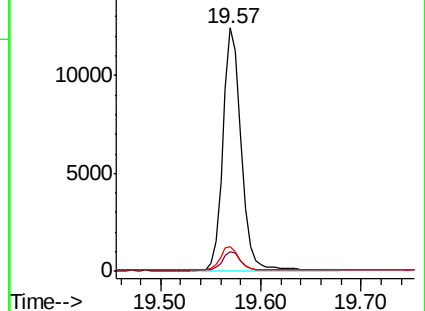
122 9.9 7.5 11.3



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: 0.139 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010878.D

Acq: 15 Jun 2020 17:39

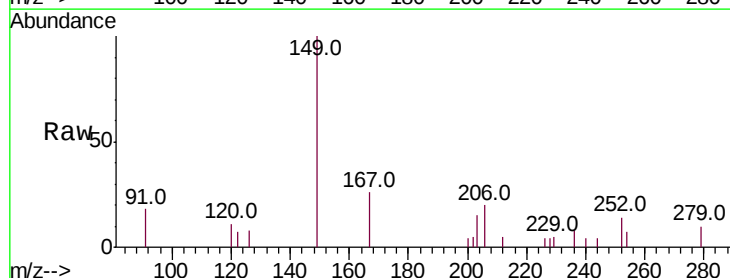
Tgt Ion:149 Resp: 1304

Ion Ratio Lower Upper

149 100

167 25.9 24.1 36.1

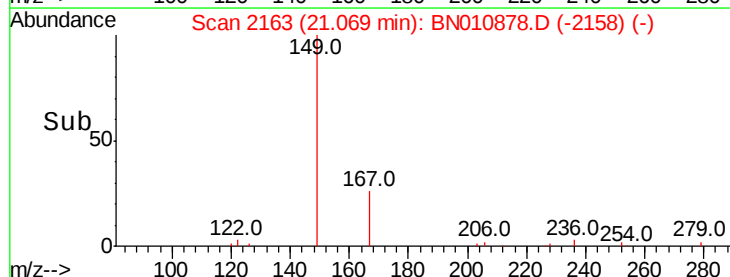
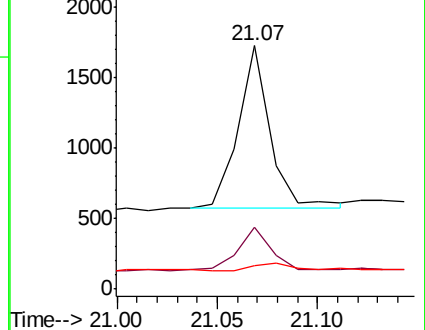
279 4.5 4.6 7.0#

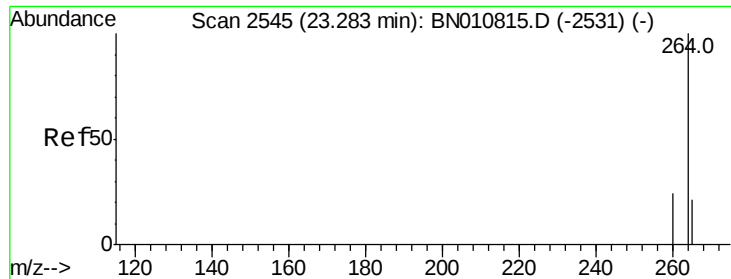


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.27 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BN010878.D
Acq: 15 Jun 2020 17:39

Instrument :
BNA_N
ClientSampleId :
LF017MW003-200611

Tot Ion: 264 Resp: 10192
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
265 80.4 75.0 112.4

