

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010974.D
 Acq On : 19 Jun 2020 17:35
 Operator : CG/JU
 Sample : L3043-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20200615

Quant Time: Jun 19 18:20:27 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

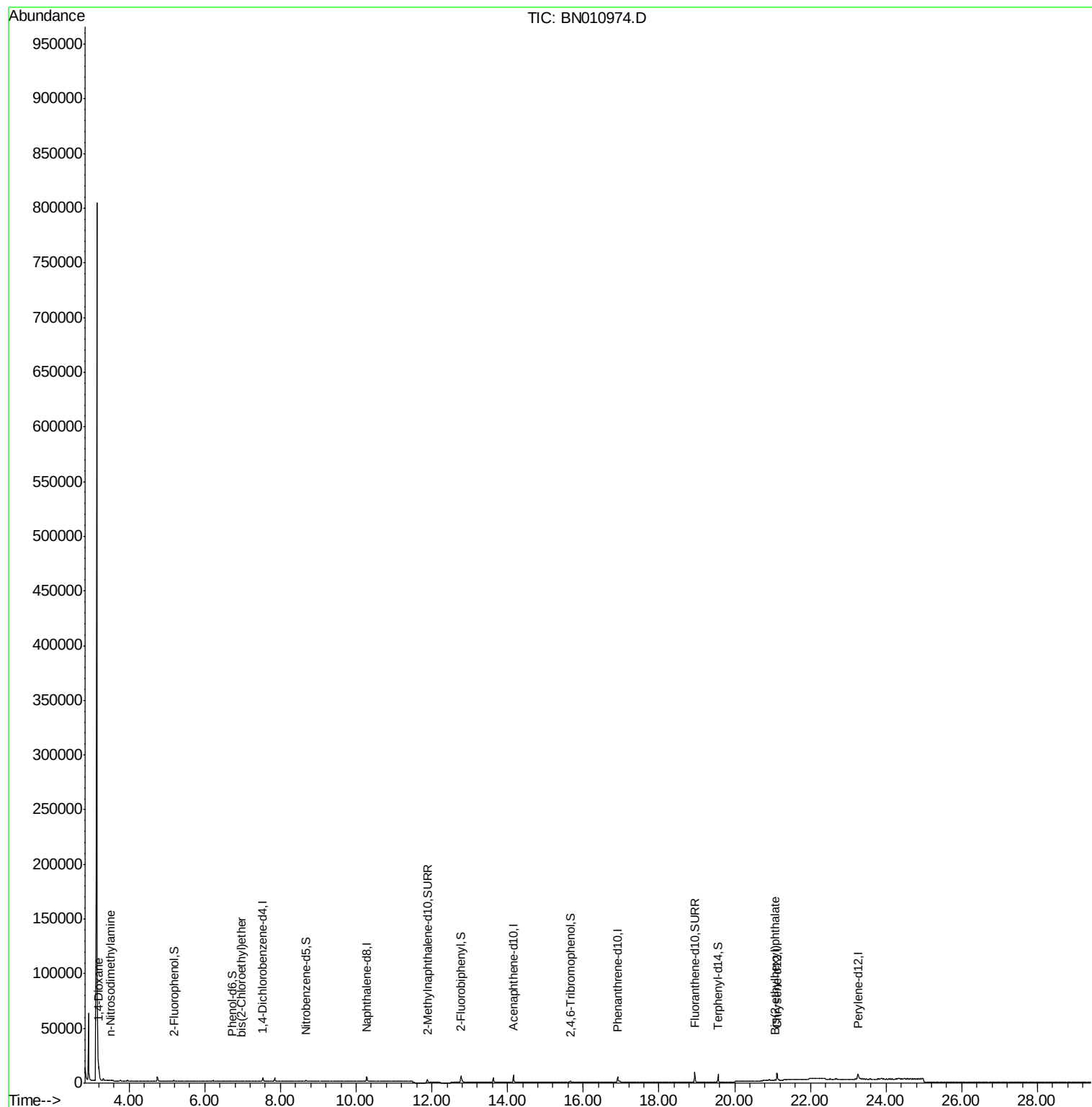
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	1913	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7530	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	3642	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	7827	0.40	ng	0.00
27) Chrysene-d12	21.11	240	7331	0.40	ng	0.00
34) Perylene-d12	23.26	264	7133	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	661	0.18	ng	0.00
5) Phenol-d6	6.73	99	492	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2065	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4669	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	514	0.39	ng	0.02
15) 2-Fluorobiphenyl	12.77	172	5927	0.41	ng	0.00
25) Fluoranthene-d10	18.95	212	11765	0.54	ng	0.00
29) Terphenyl-d14	19.56	244	8665	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	6144	3.279	ng	98
3) n-Nitrosodimethylamine	3.51	42	48	0.044	ng	# 1
6) bis(2-Chloroethyl)ether	6.98	93	136	0.032	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.06	149	409	0.057	ng	# 94

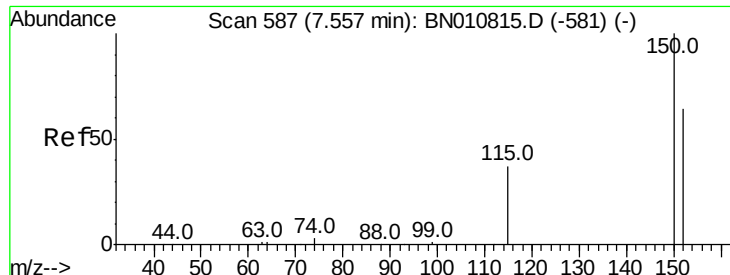
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration



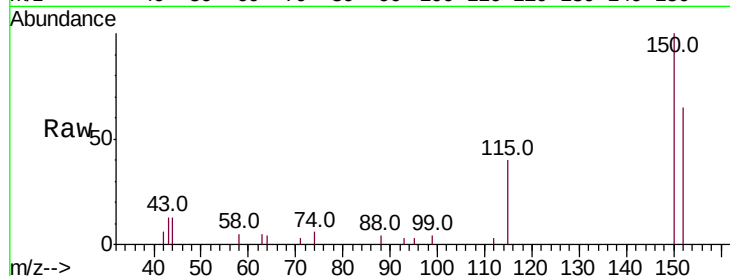


#1

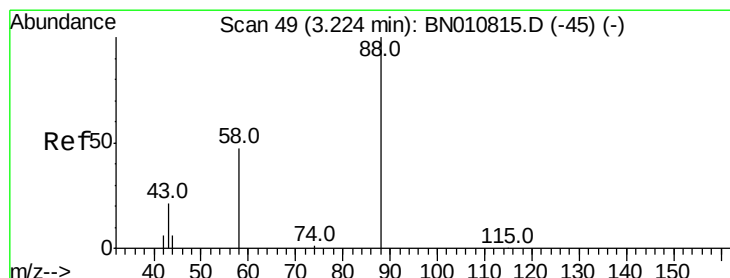
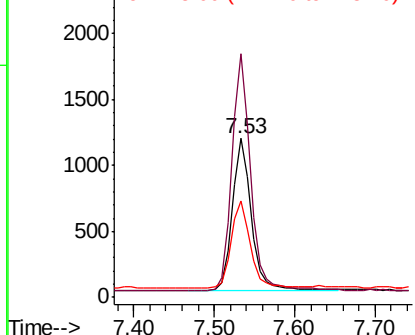
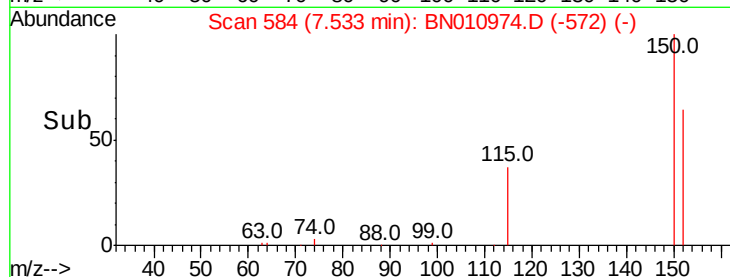
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

Instrument :
BNA_N
ClientSampleId :
TT101D2-20200615

Tot Ion:152 Resp: 1913
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 61.1 49.2 73.8



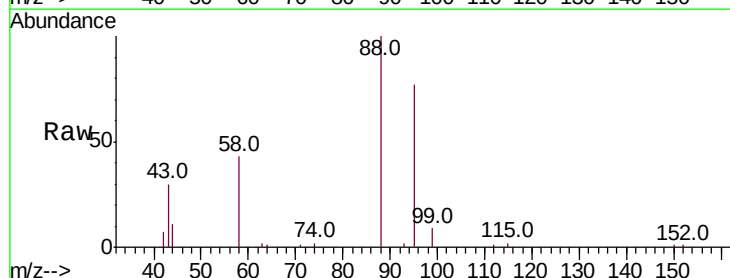
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



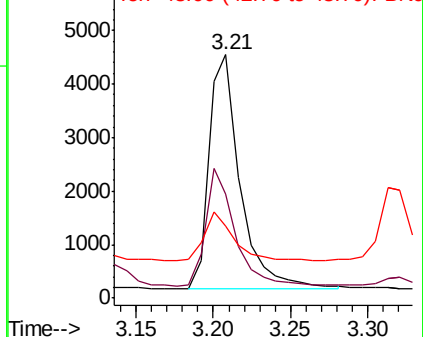
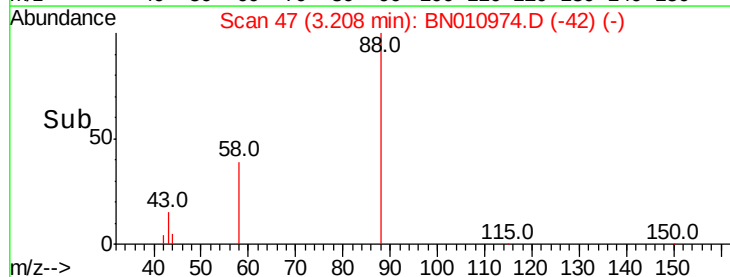
#2

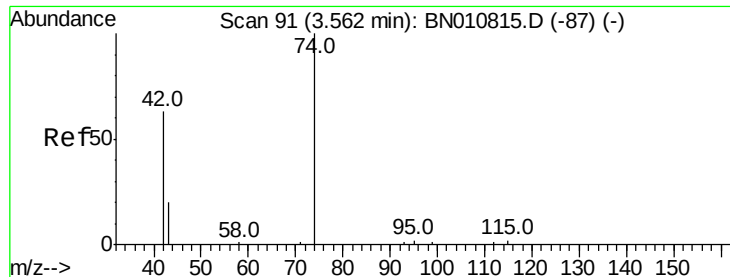
1,4-Dioxane
Concen: 3.279 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

Tgt Ion: 88 Resp: 6144
Ion Ratio Lower Upper
88 100
58 46.3 38.2 57.4
43 19.7 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: 0.044 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.02 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

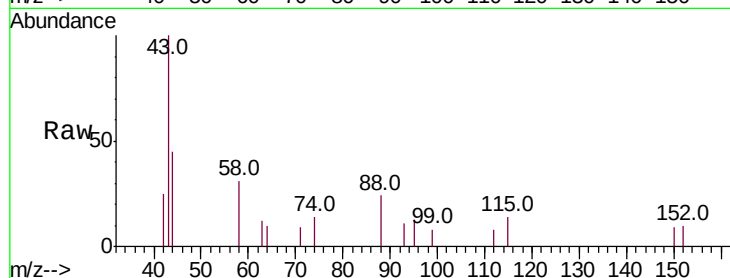
Tot Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

74 14.6 140.7 211.1#

44 47.9 1.4 2.2#

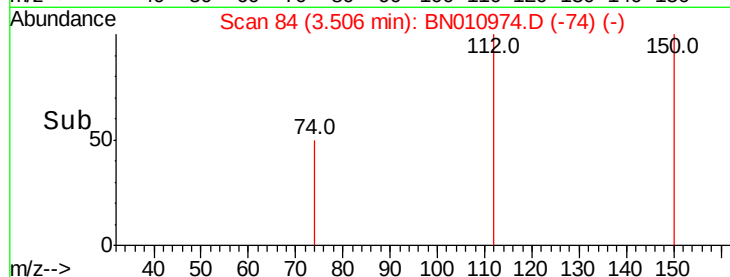


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->

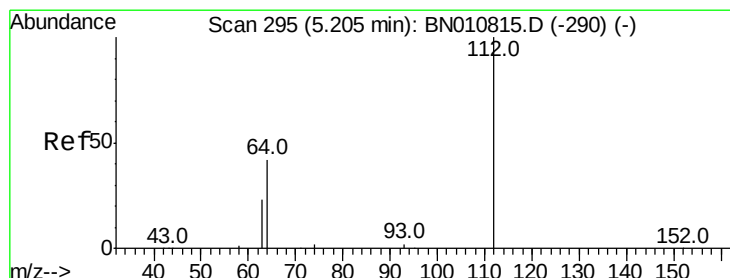


Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0

Time-->



#4

2-Fluorophenol

Concen: 0.179 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

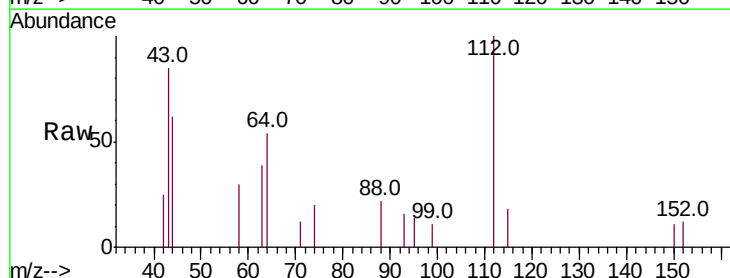
Tgt Ion: 112 Resp: 661

Ion Ratio Lower Upper

112 100

64 49.0 37.4 56.0

63 26.2 22.2 33.4

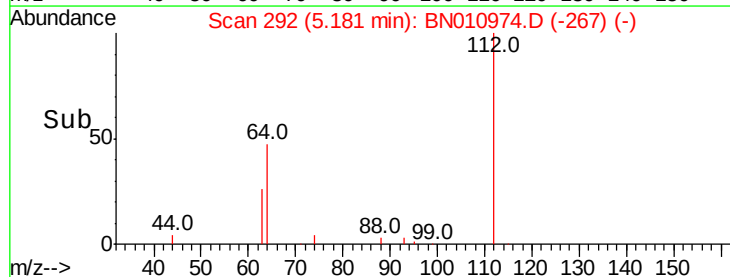


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->

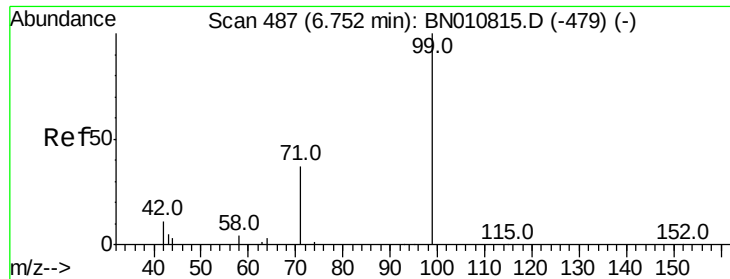


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Time-->



#5

Phenol-d6

Concen: 0.113 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

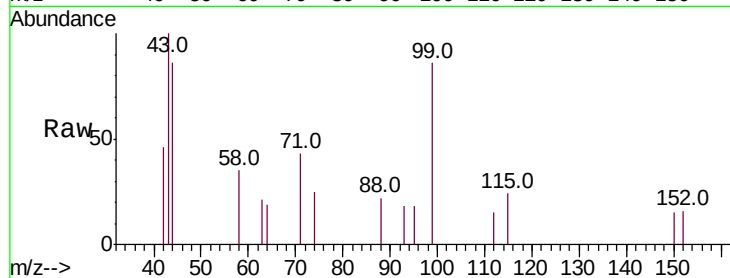
Tot Ion: 99 Resp: 492

Ion Ratio Lower Upper

99 100

42 29.9 11.1 16.7#

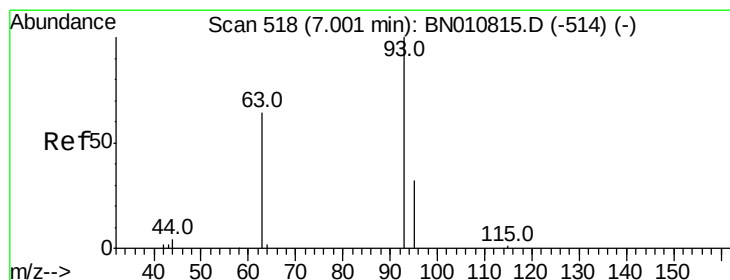
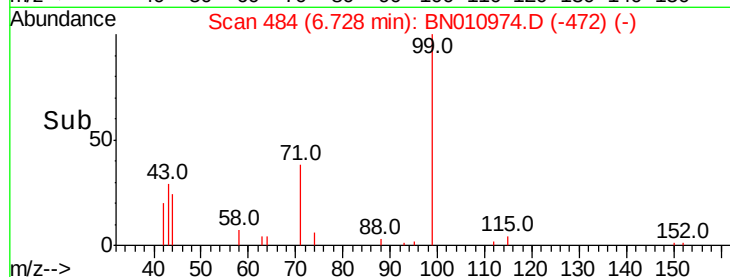
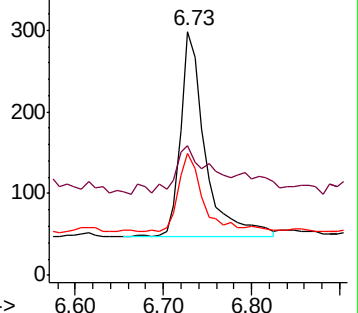
71 39.8 31.4 47.2



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.032 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

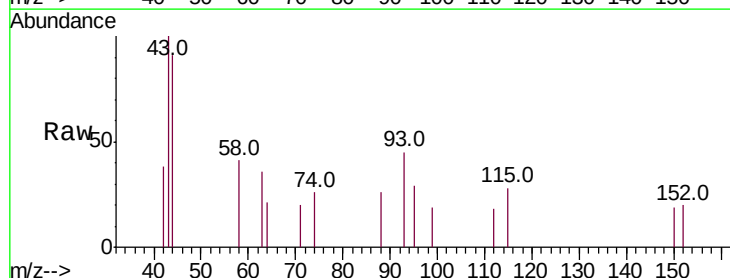
Tgt Ion: 93 Resp: 136

Ion Ratio Lower Upper

93 100

63 80.1 49.4 74.2#

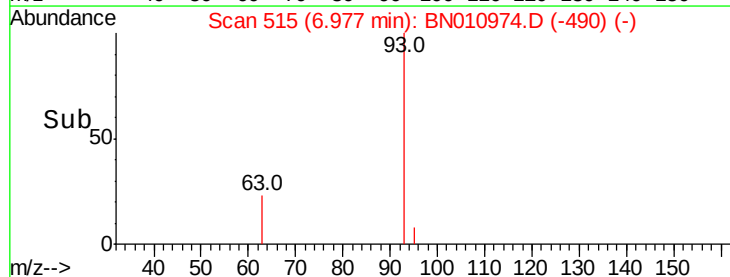
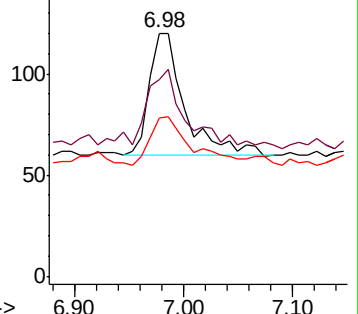
95 45.6 26.7 40.1#

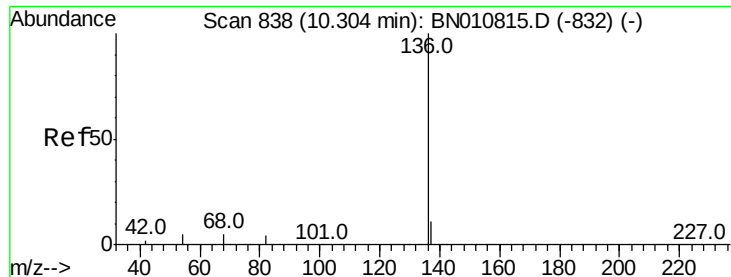


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

Tot Ion:136 Resp: 7530

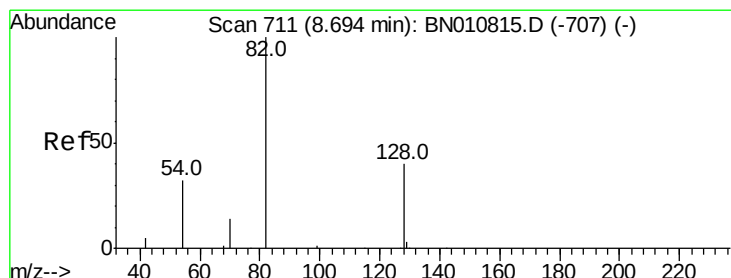
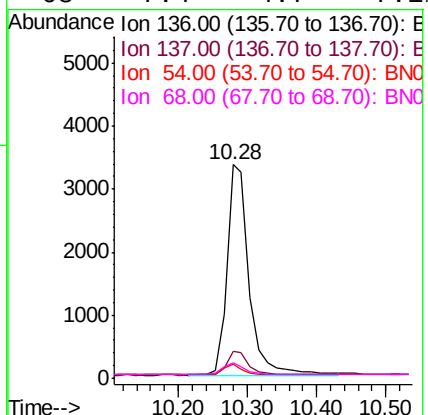
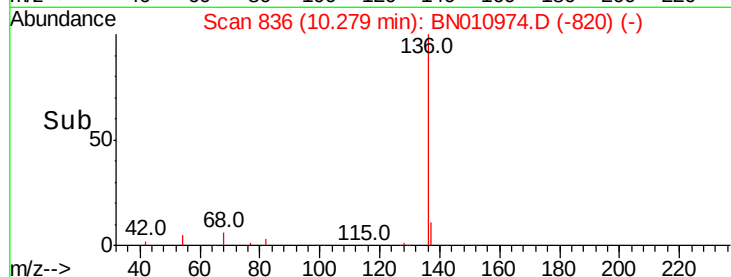
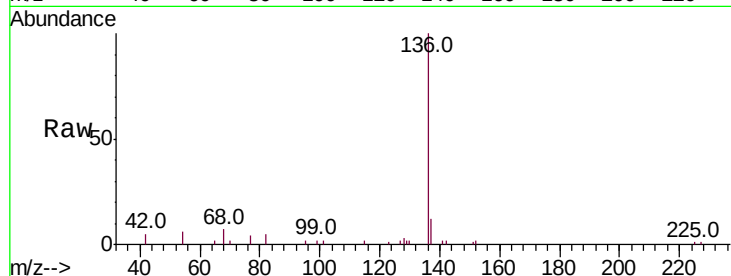
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 6.3 4.9 7.3

68 7.4 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 0.371 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

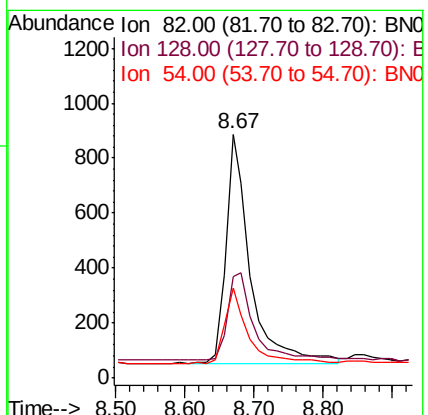
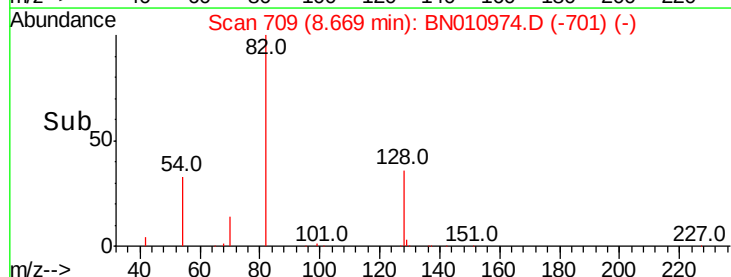
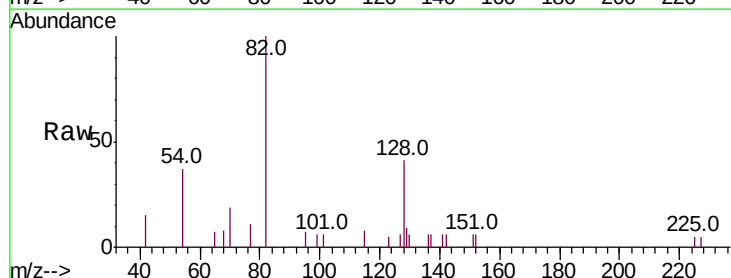
Tgt Ion: 82 Resp: 2065

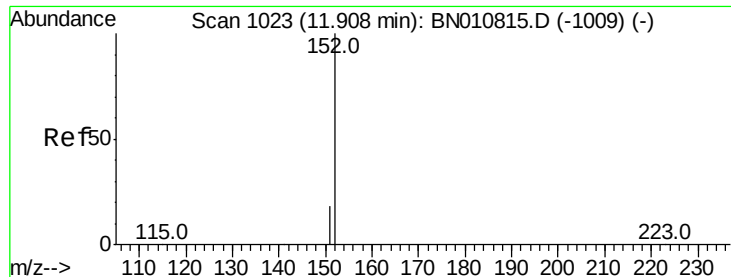
Ion Ratio Lower Upper

82 100

128 41.4 35.4 53.0

54 37.0 28.2 42.4

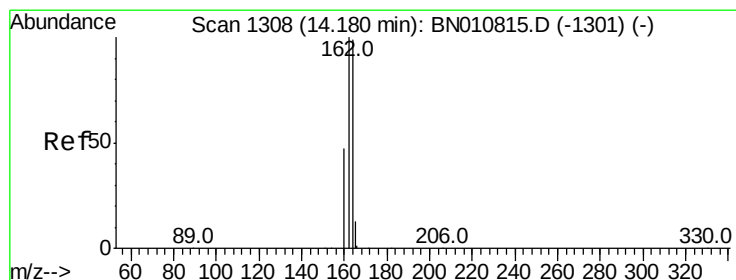
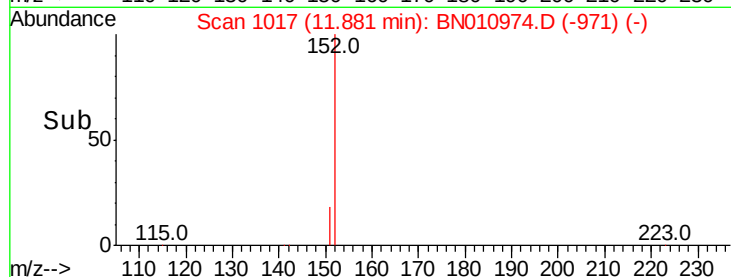
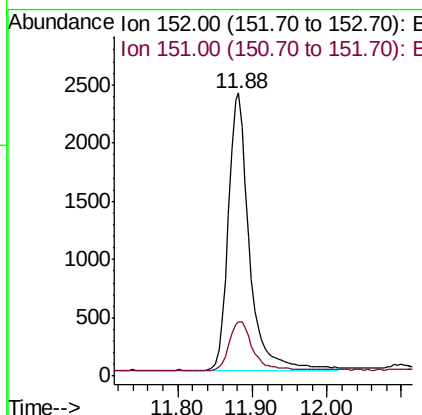
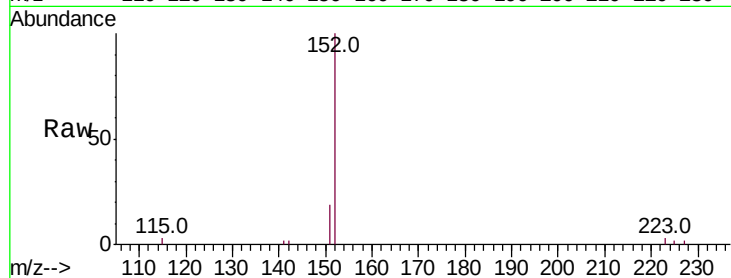




#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

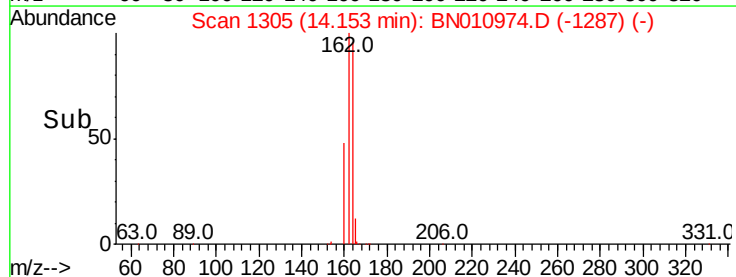
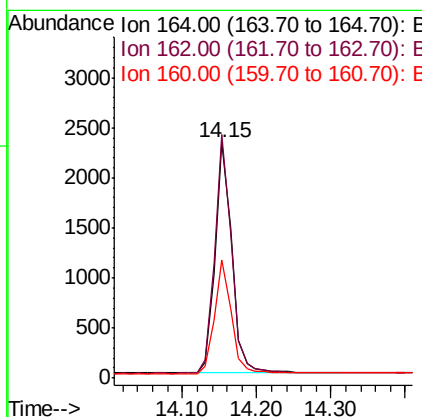
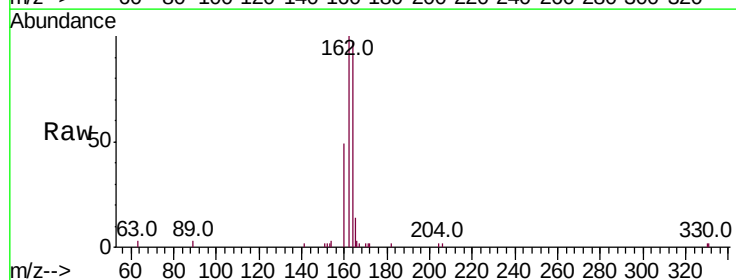
Instrument :
BNA_N
ClientSampleId :
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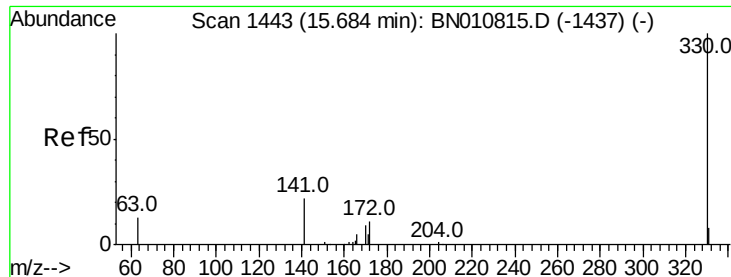
Tot Ion:152 Resp: 4669
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

Tgt Ion:164 Resp: 3642
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.6
160 50.2 38.9 58.3

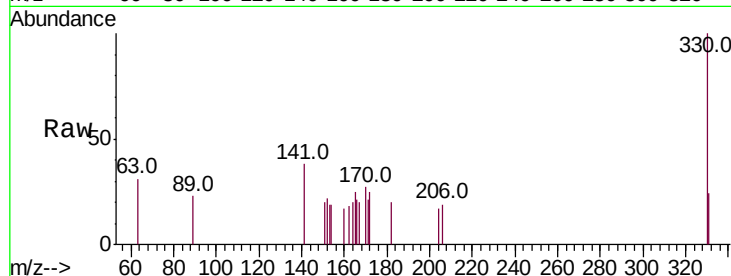




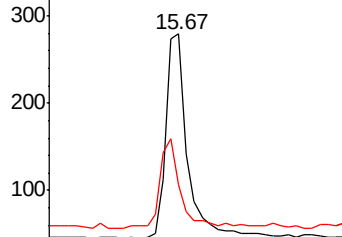
#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.67 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

Instrument :
BNA_N
ClientSampleId :
TT101D2-20200615

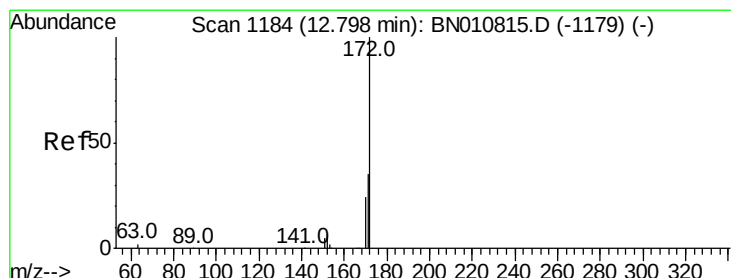
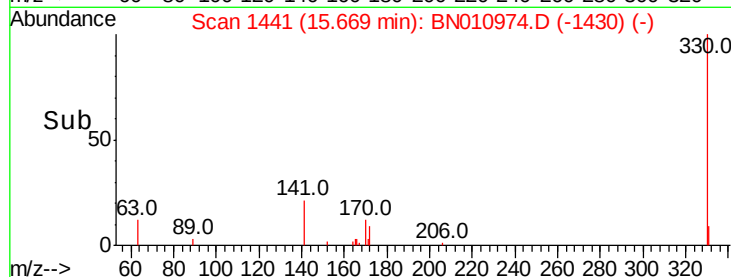
Tot Ion:330 Resp: 514
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.1 33.2 49.8



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

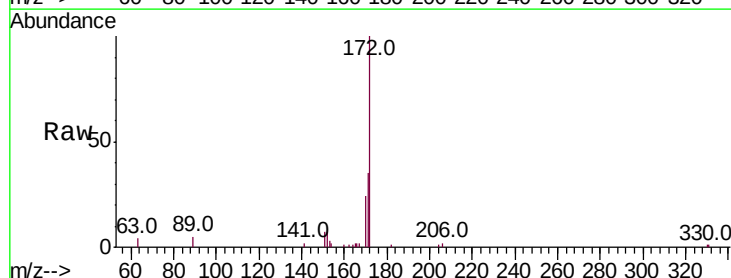


Time--> 15.50 15.60 15.70 15.80

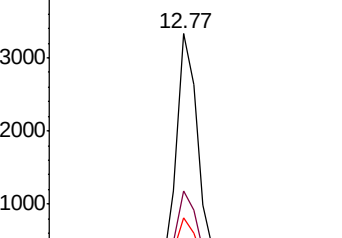


#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010974.D
Acq: 19 Jun 2020 17:35

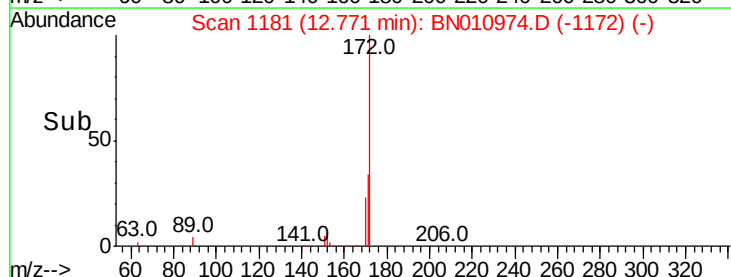
Tgt Ion:172 Resp: 5927
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 19.7 29.5

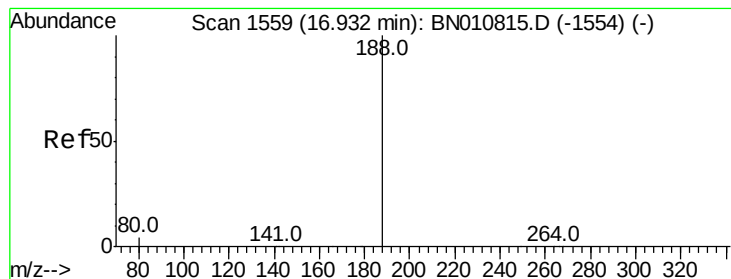


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time--> 12.70 12.80 12.90





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

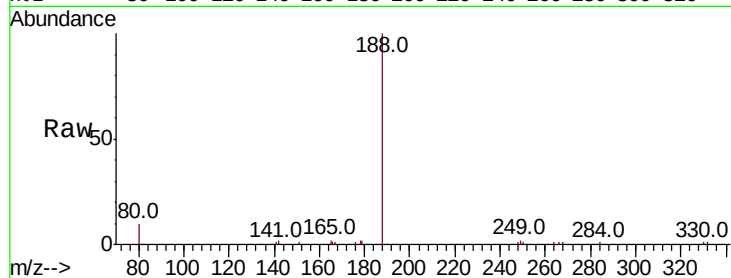
Tot Ion:188 Resp: 7827

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

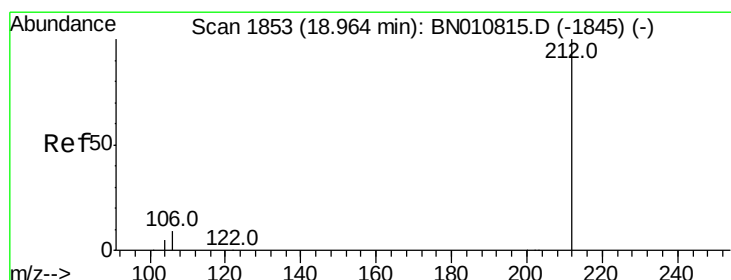
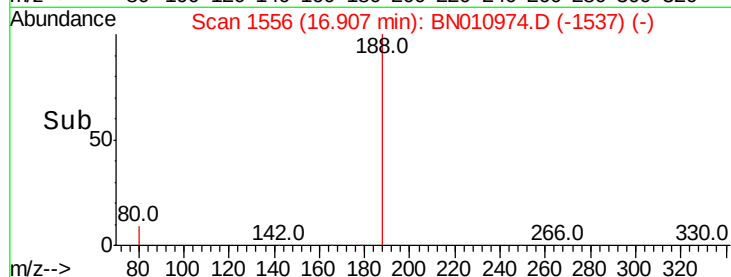
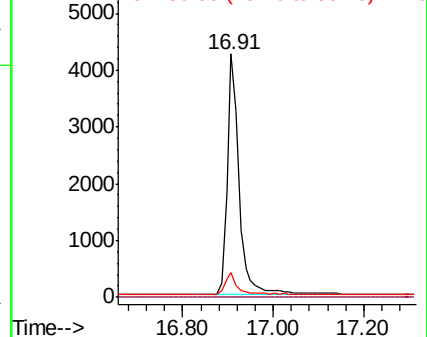
80 10.1 4.5 6.7#



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: 0.545 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

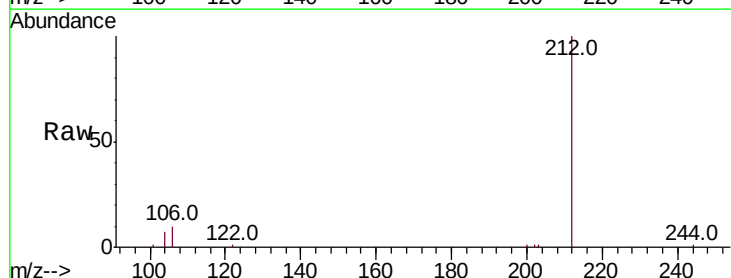
Tgt Ion:212 Resp: 11765

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

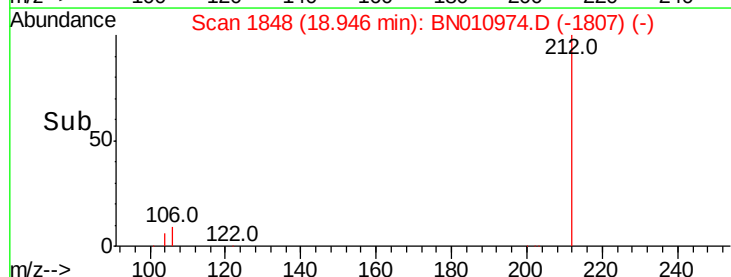
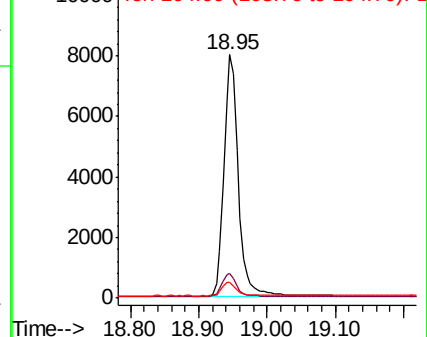
104 5.6 4.0 6.0

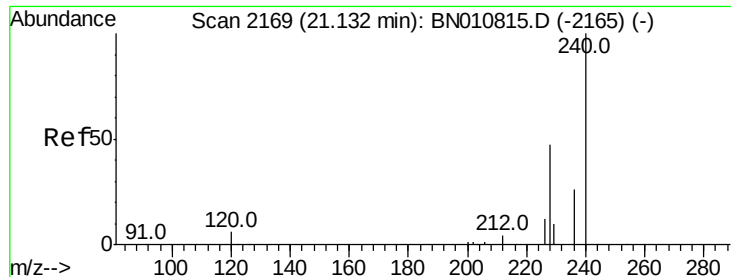


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

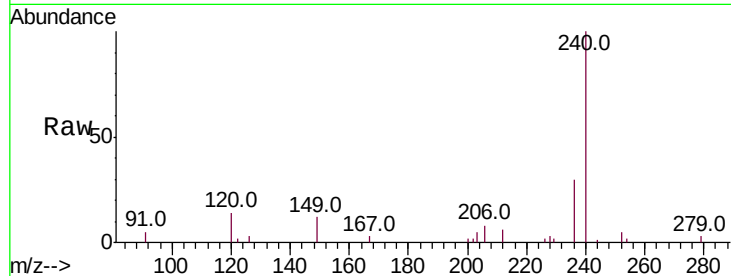
Tot Ion:240 Resp: 7331

Ion Ratio Lower Upper

240 100

120 13.5 7.5 11.3#

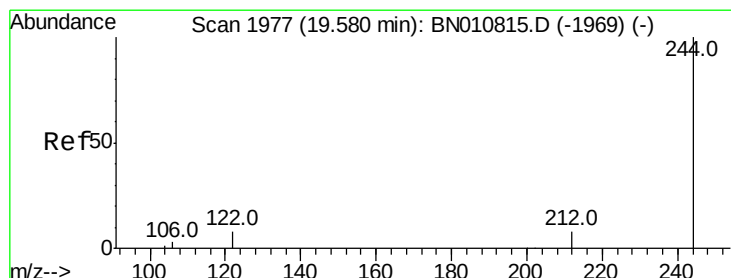
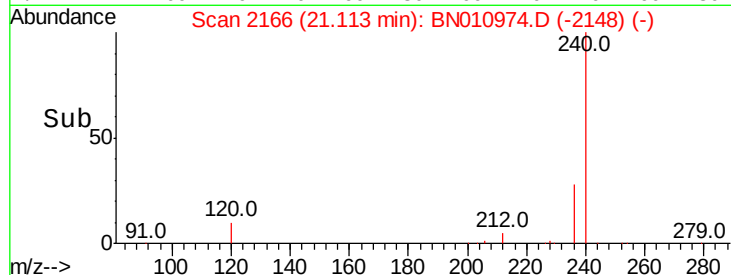
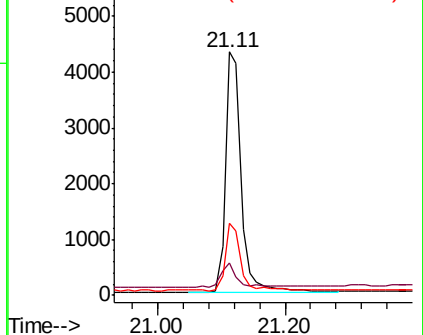
236 29.6 22.3 33.5



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: 0.505 ng

RT: 19.56 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

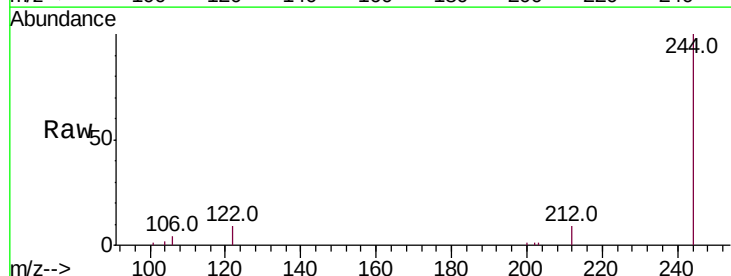
Tgt Ion:244 Resp: 8665

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

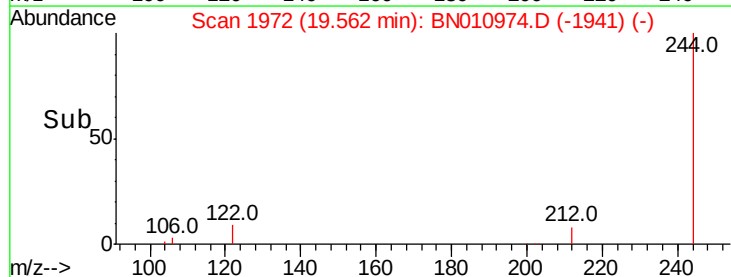
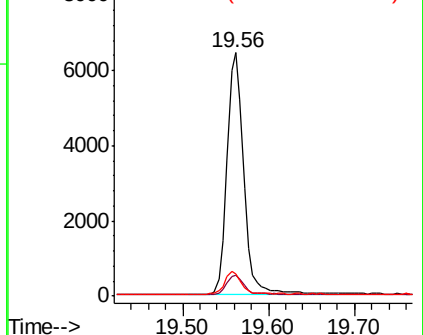
122 9.4 7.5 11.3

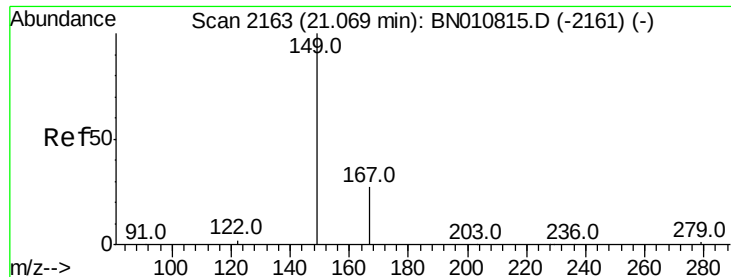


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.057 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

Instrument :

BNA_N

ClientSampleId :

TT101D2-20200615

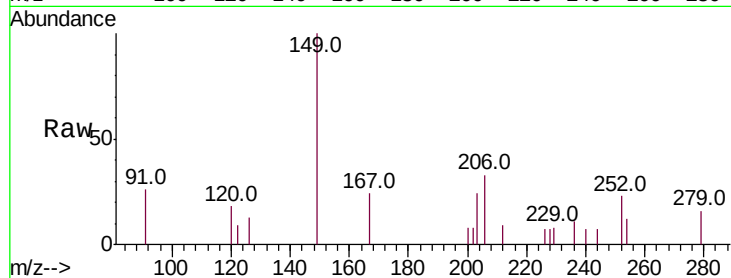
Tot Ion:149 Resp: 409

Ion Ratio Lower Upper

149 100

167 31.8 24.1 36.1

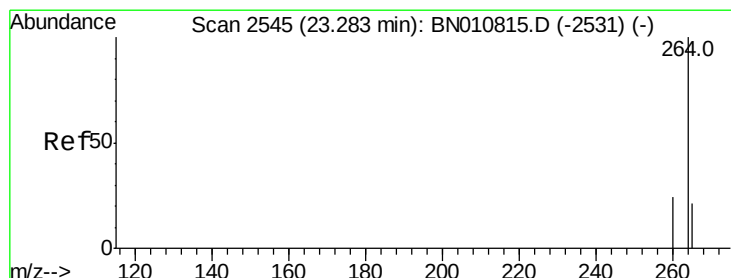
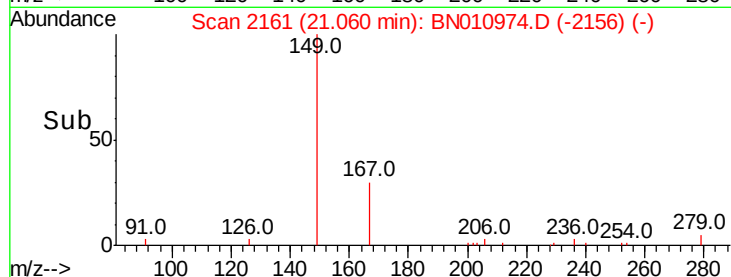
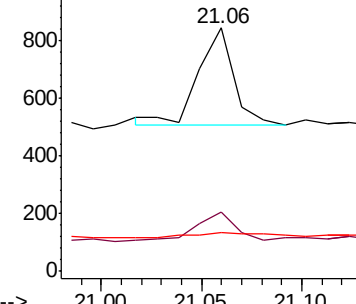
279 12.7 4.6 7.0#



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# 2537

Delta R.T. -0.00 min

Lab File: BN010974.D

Acq: 19 Jun 2020 17:35

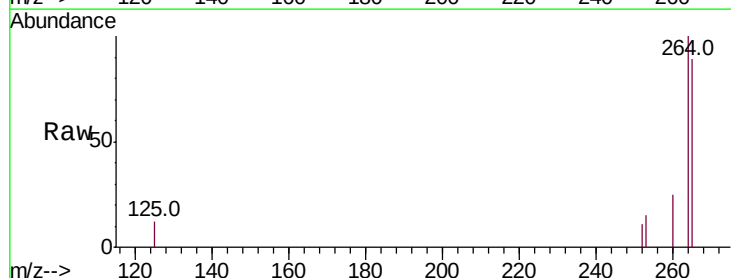
Tgt Ion:264 Resp: 7133

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 88.6 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

