

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010975.D
 Acq On : 19 Jun 2020 18:11
 Operator : CG/JU
 Sample : L3043-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20200615

Quant Time: Jun 19 18:41:16 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

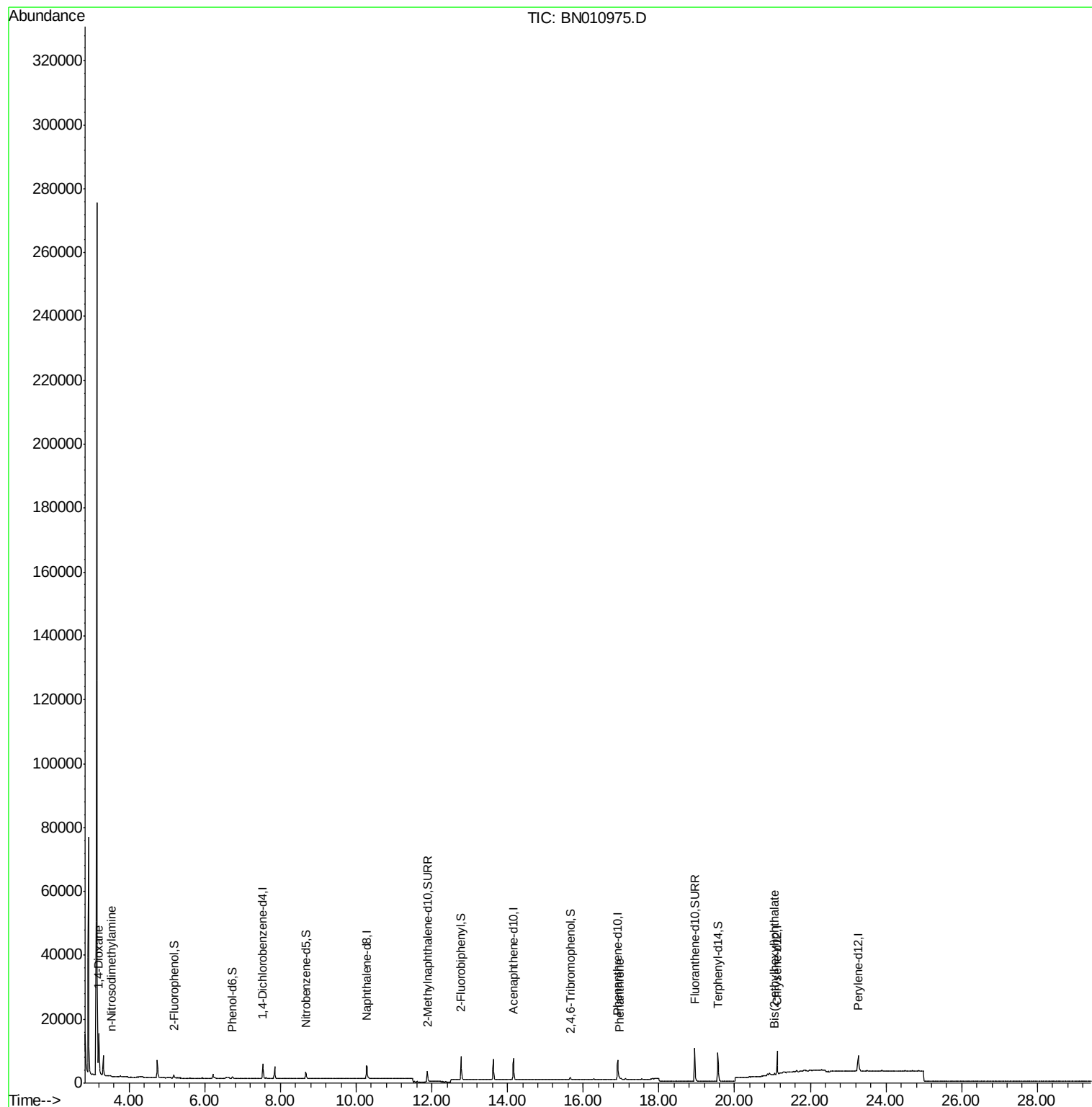
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2276	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	7132	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4052	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9735	0.40	ng	0.01
27) Chrysene-d12	21.12	240	8204	0.40	ng	0.00
34) Perylene-d12	23.27	264	7613	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	789	0.18	ng	0.00
5) Phenol-d6	6.74	99	588	0.11	ng	0.00
8) Nitrobenzene-d5	8.67	82	2382	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	5369	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	587	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	7015	0.44	ng	0.00
25) Fluoranthene-d10	18.94	212	13669	0.51	ng	0.00
29) Terphenyl-d14	19.56	244	9757	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	9027	4.049	ng	99
3) n-Nitrosodimethylamine	3.51	42	27	0.021	ng	# 1
23) Phenanthrene	16.95	178	883	0.033	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.06	149	607	0.075	ng	# 86

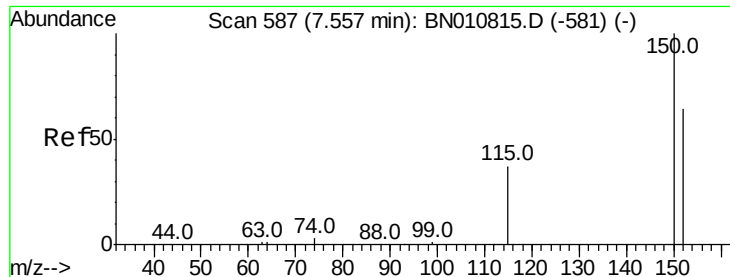
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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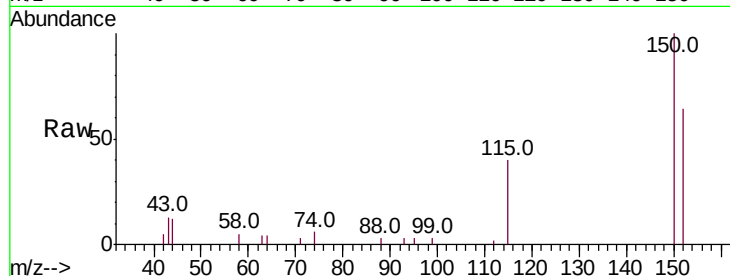


#1

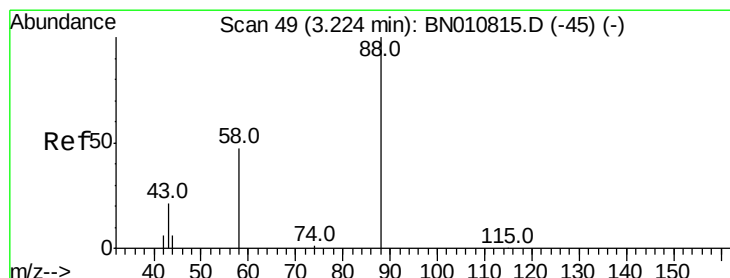
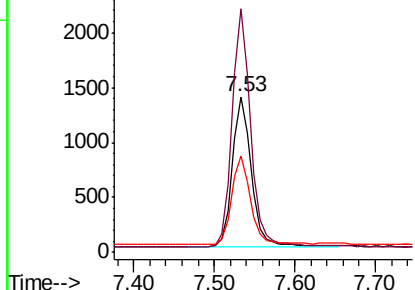
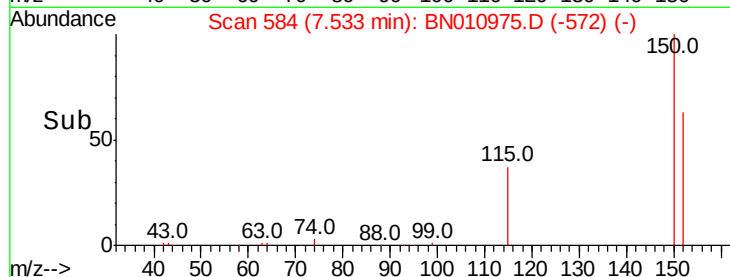
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010975.D
Acq: 19 Jun 2020 18:11

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200615

Tot Ion:152 Resp: 2276
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 62.0 49.2 73.8



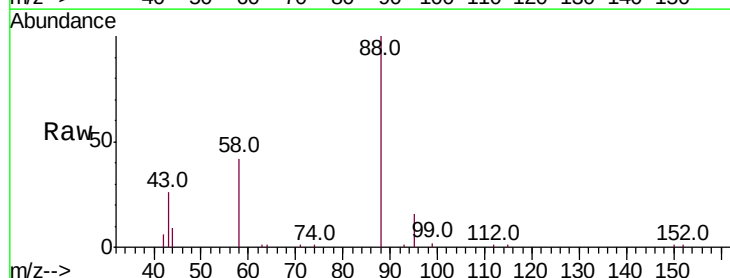
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



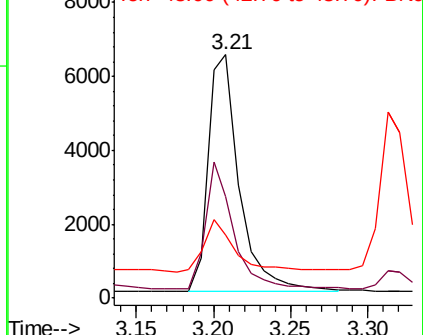
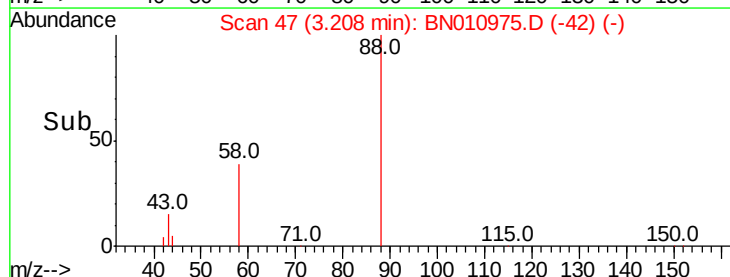
#2

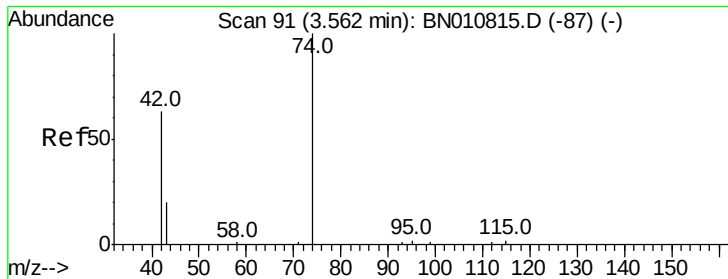
1,4-Dioxane
Concen: 4.049 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010975.D
Acq: 19 Jun 2020 18:11

Tgt Ion: 88 Resp: 9027
Ion Ratio Lower Upper
88 100
58 47.2 38.2 57.4
43 19.6 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: 0.021 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.01 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200615

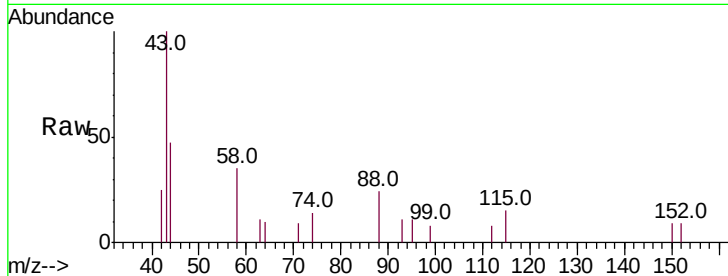
Tot Ion: 42 Resp: 27

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

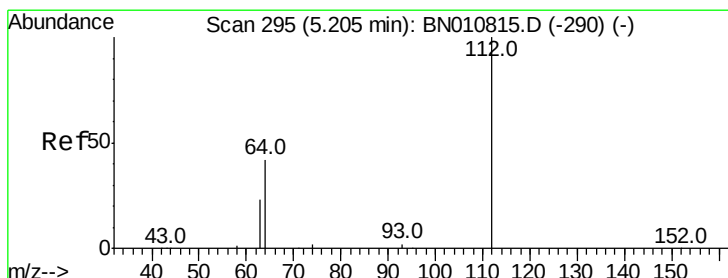
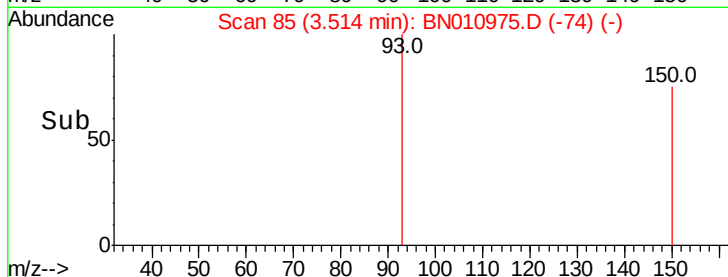
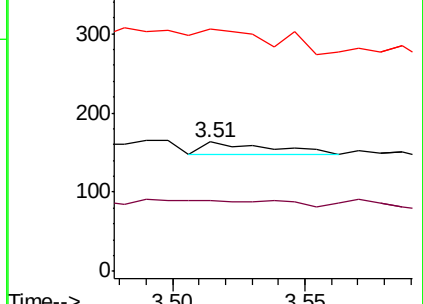
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): 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) (-)



#4

2-Fluorophenol

Concen: 0.180 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

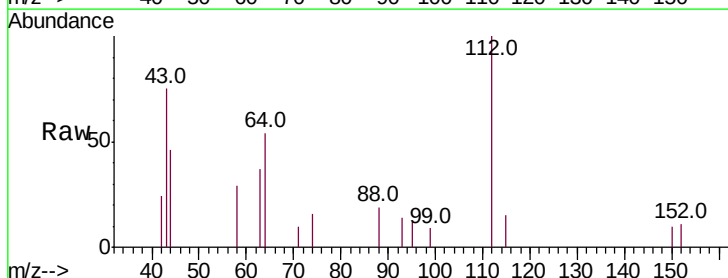
Tgt Ion: 112 Resp: 789

Ion Ratio Lower Upper

112 100

64 46.5 37.4 56.0

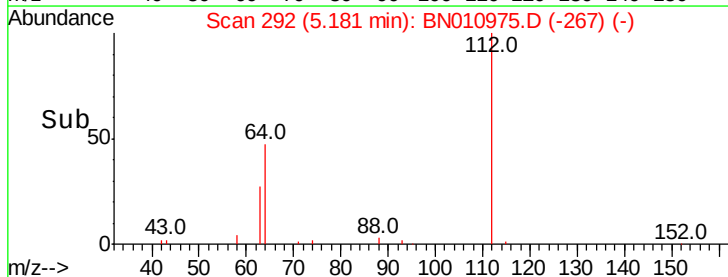
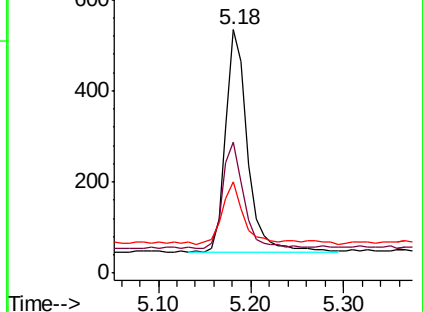
63 26.9 22.2 33.4

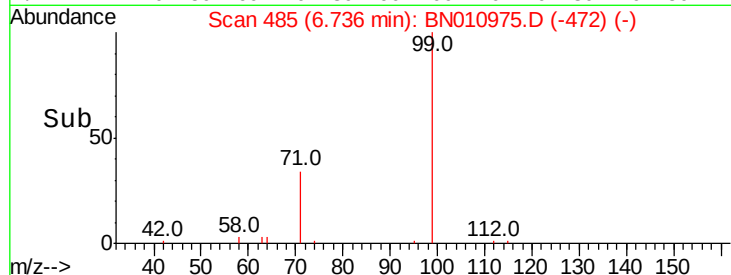
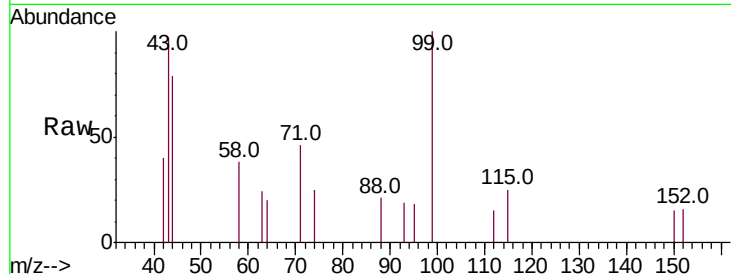
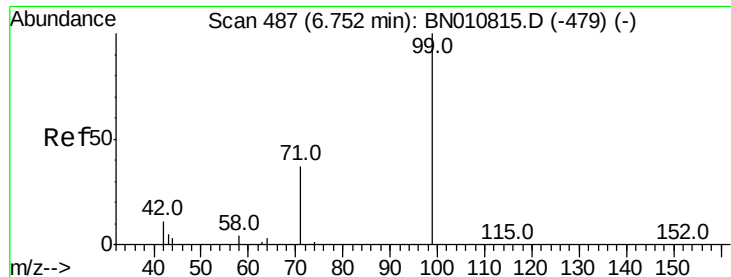


Abundance Ion 112.00 (111.70 to 112.70): BN010975.D (-267) (-)

Ion 64.00 (63.70 to 64.70): BN010975.D (-267) (-)

Ion 63.00 (62.70 to 63.70): BN010975.D (-267) (-)





#5

Phenol-d6

Concen: 0.114 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200615

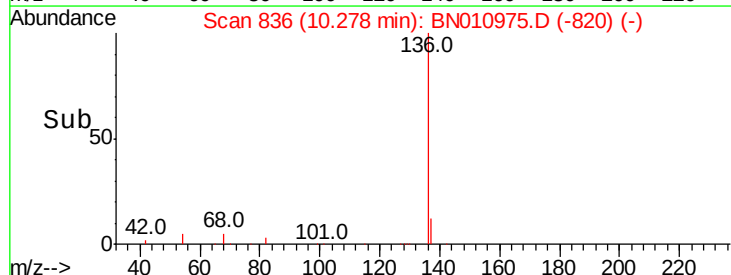
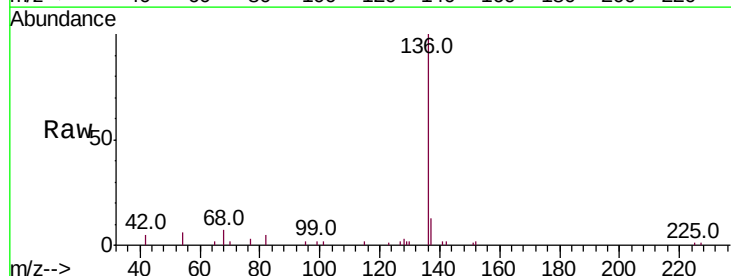
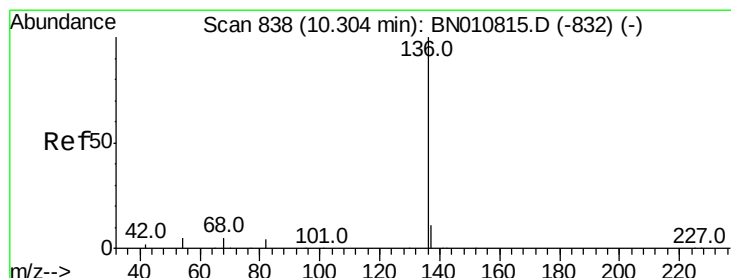
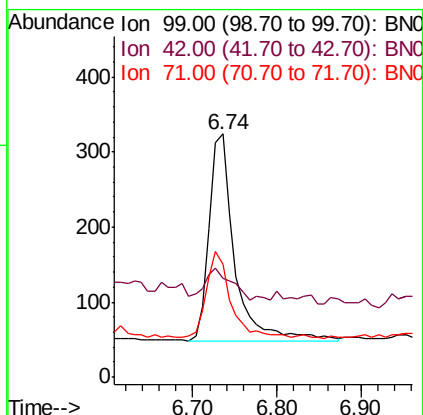
Tot Ion: 99 Resp: 588

Ion Ratio Lower Upper

99 100

42 14.6 11.1 16.7

71 38.8 31.4 47.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Tgt Ion: 136 Resp: 7132

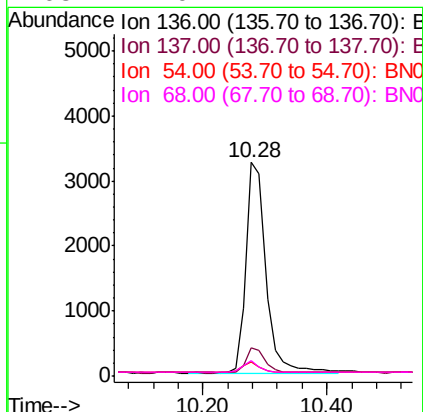
Ion Ratio Lower Upper

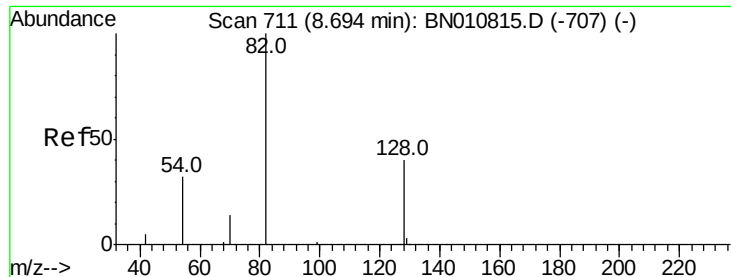
136 100

137 13.0 9.7 14.5

54 6.3 4.9 7.3

68 7.0 4.7 7.1

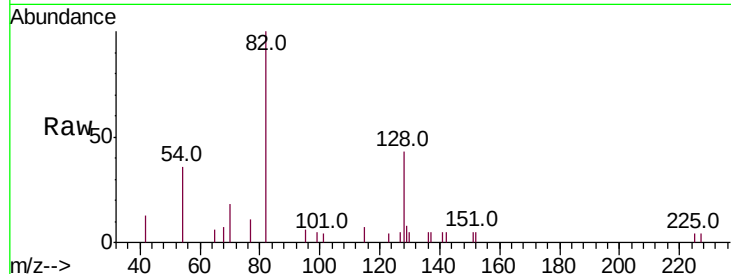




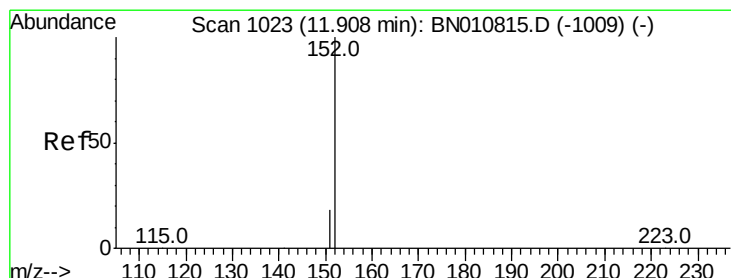
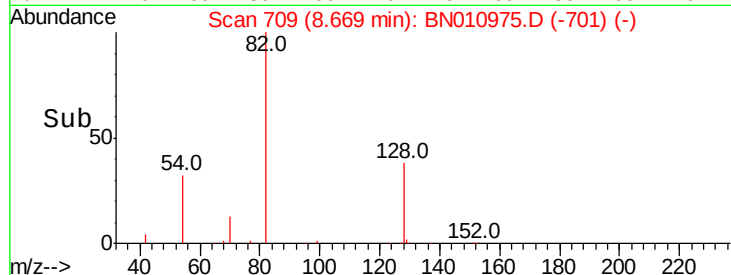
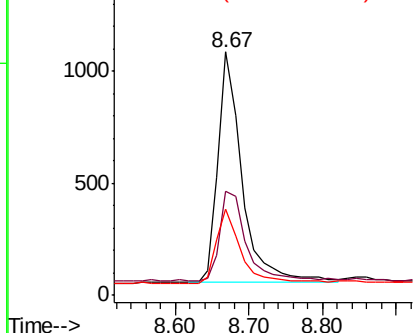
#8
 Nitrobenzene-d5
 Concen: 0.451 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010975.D
 Acq: 19 Jun 2020 18:11

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20200615

Tot Ion: 82 Resp: 2382
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.4 53.0
 54 35.6 28.2 42.4

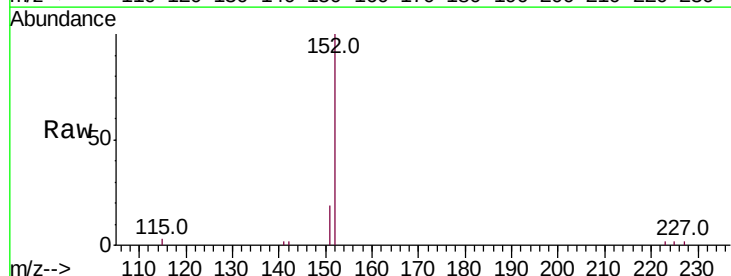


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

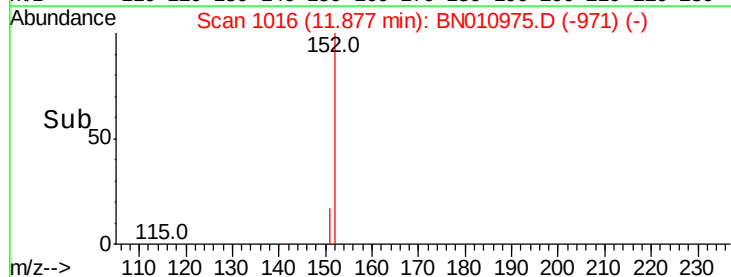
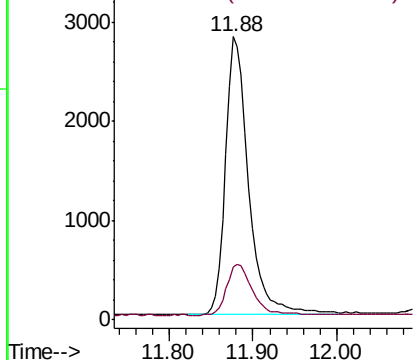


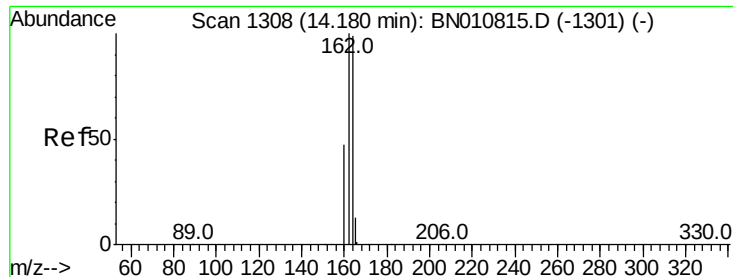
#11
 2-Methylnaphthalene-d10
 Concen: 0.485 ng
 RT: 11.88 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BN010975.D
 Acq: 19 Jun 2020 18:11

Tgt Ion: 152 Resp: 5369
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200615

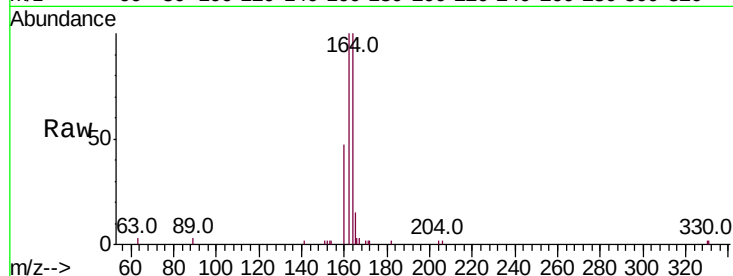
Tot Ion:164 Resp: 4052

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

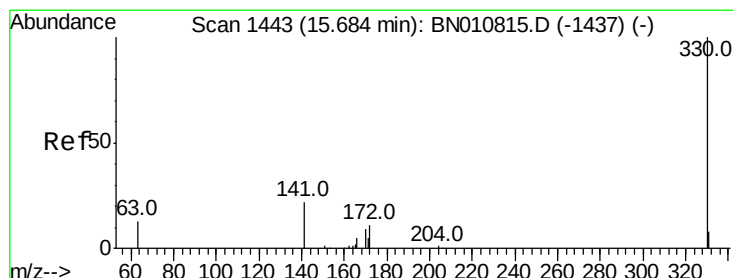
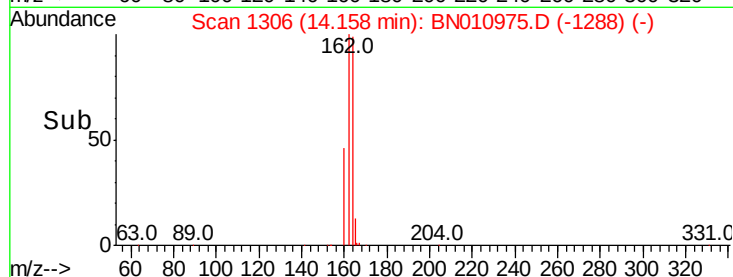
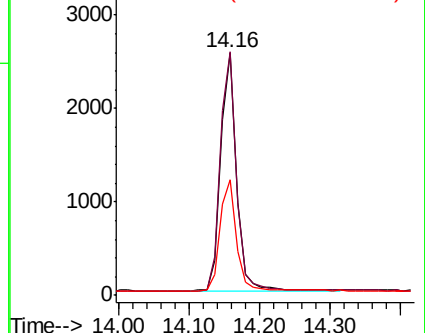
160 47.5 38.9 58.3



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: 0.405 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

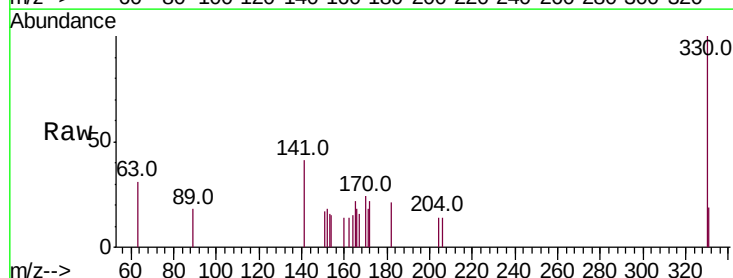
Tgt Ion:330 Resp: 587

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

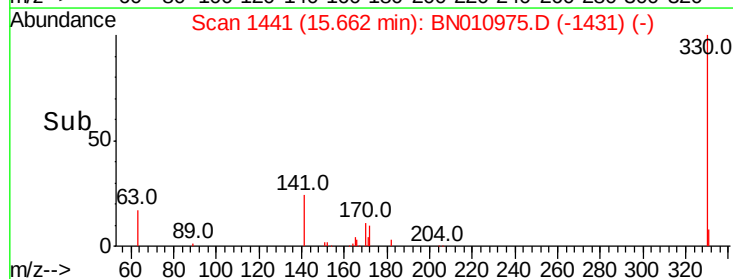
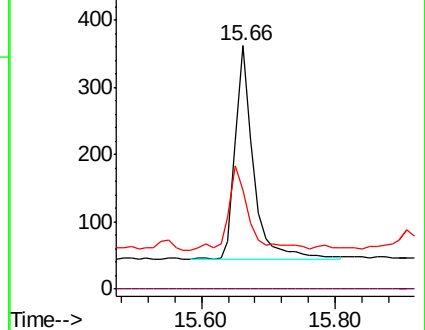
141 46.5 33.2 49.8

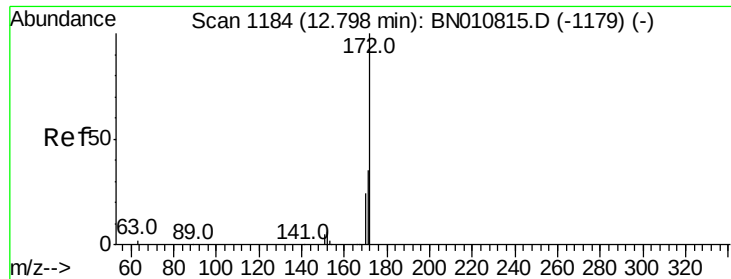


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

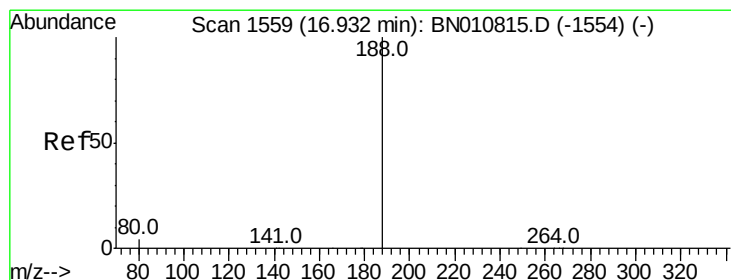
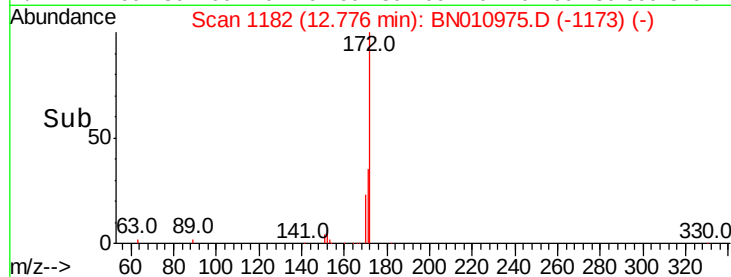
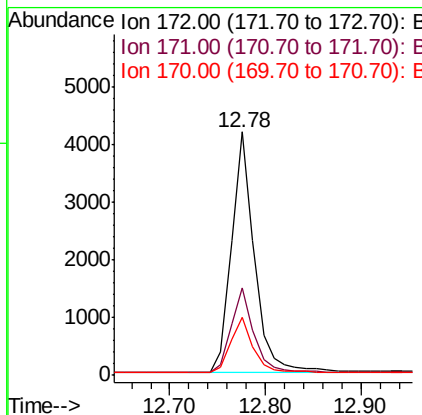
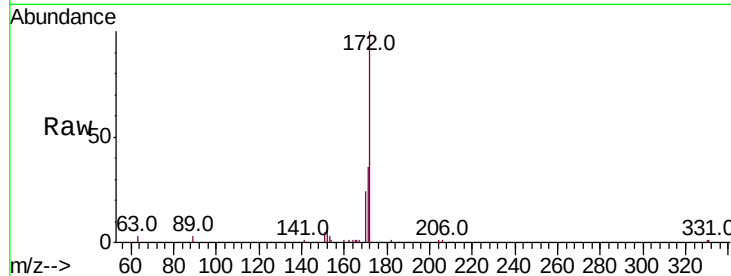




#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010975.D
Acq: 19 Jun 2020 18:11

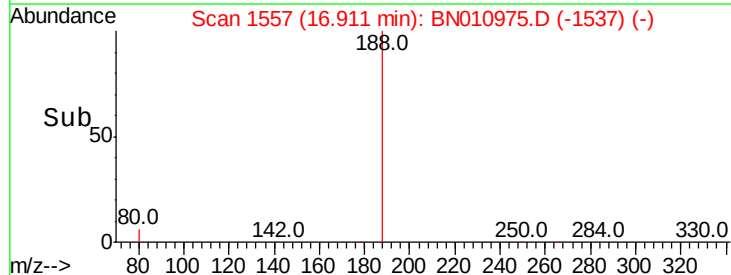
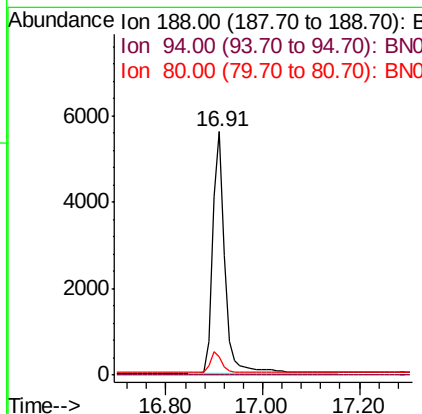
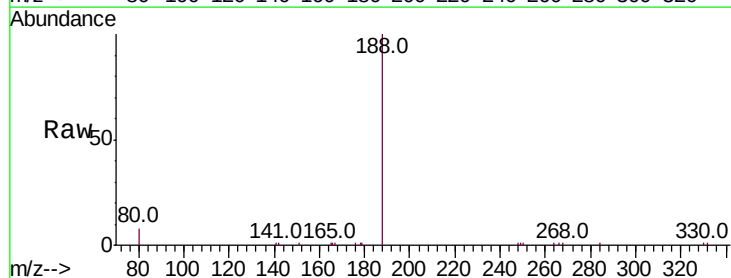
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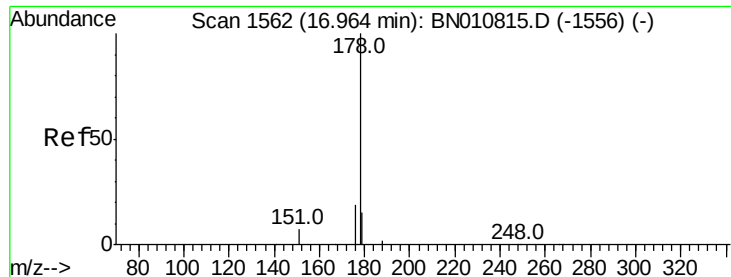
Tot Ion:172 Resp: 7015
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010975.D
Acq: 19 Jun 2020 18:11

Tgt Ion:188 Resp: 9735
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 4.5 6.7#





#23

Phenanthrene

Concen: 0.033 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200615

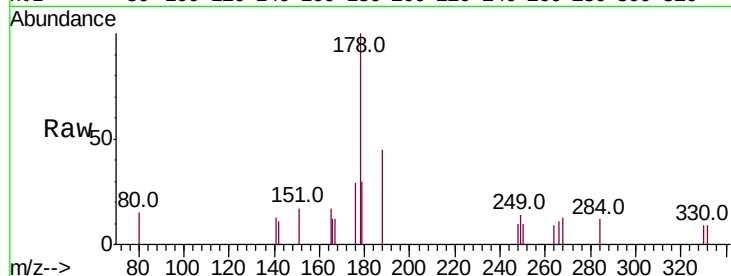
Tot Ion:178 Resp: 883

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

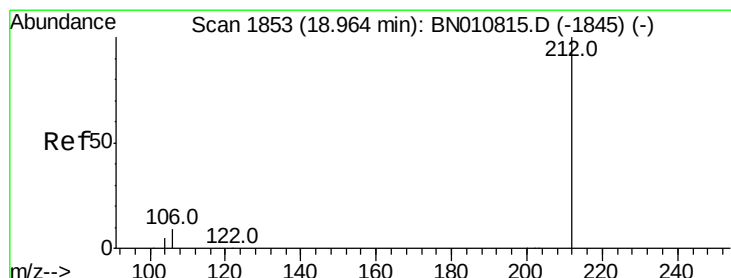
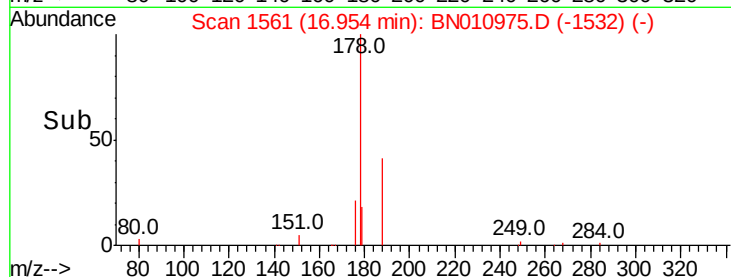
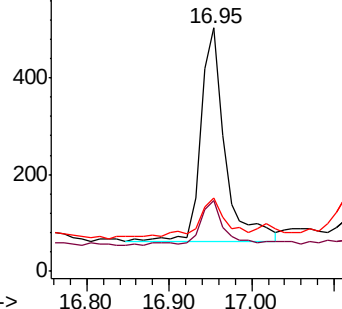
179 23.7 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.509 ng

RT: 18.94 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

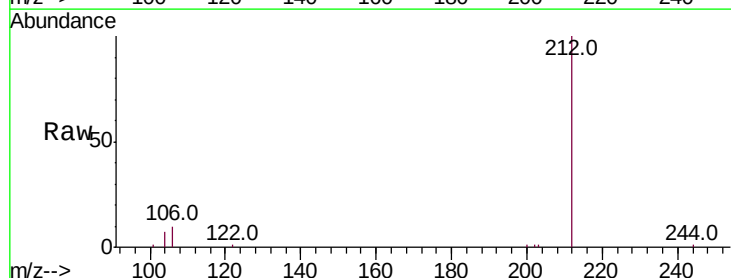
Tgt Ion:212 Resp: 13669

Ion Ratio Lower Upper

212 100

106 9.5 6.6 10.0

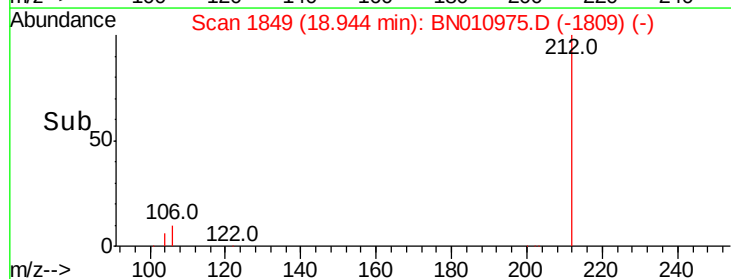
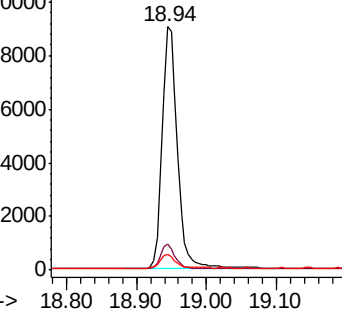
104 5.6 4.0 6.0

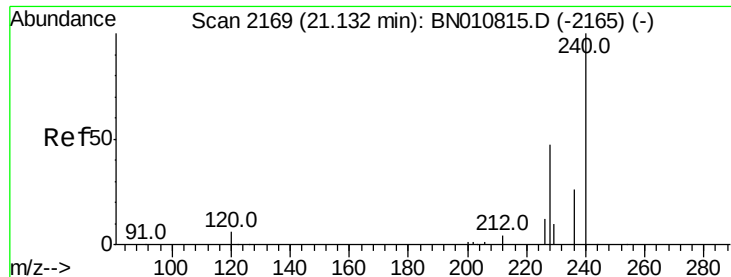


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

Instrument :

BNA_N

ClientSampleId :

RE122D1-20200615

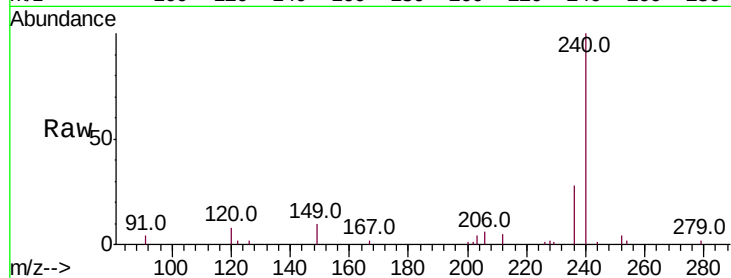
Tot Ion:240 Resp: 8204

Ion Ratio Lower Upper

240 100

120 8.1 7.5 11.3

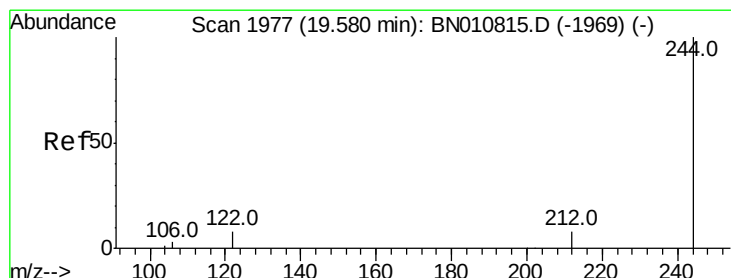
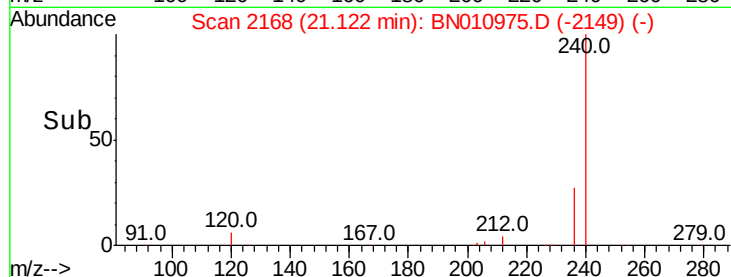
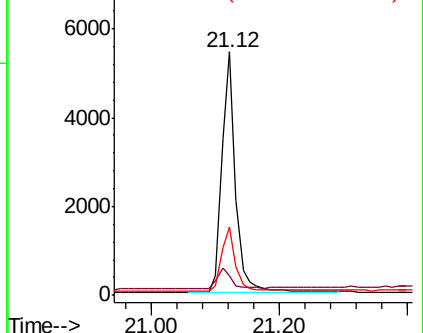
236 28.0 22.3 33.5



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: 0.508 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010975.D

Acq: 19 Jun 2020 18:11

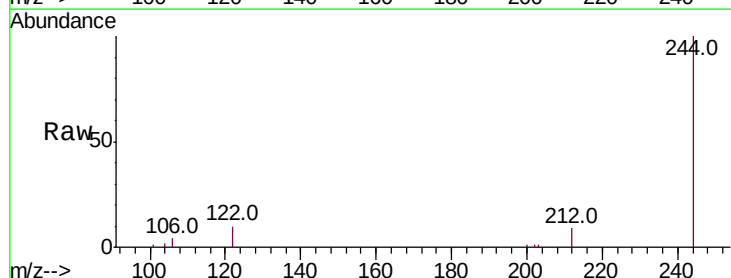
Tgt Ion:244 Resp: 9757

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

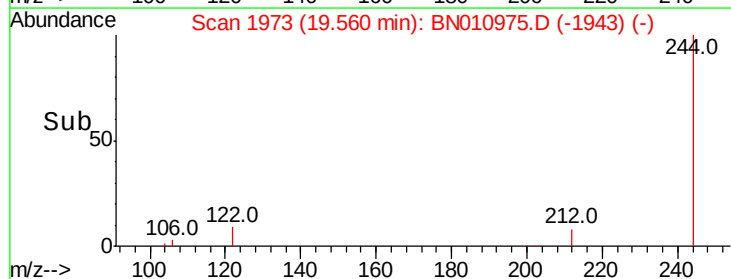
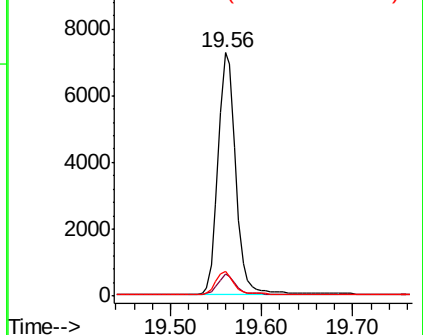
122 10.1 7.5 11.3

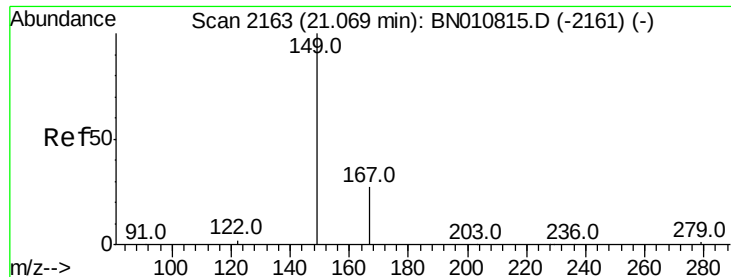


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

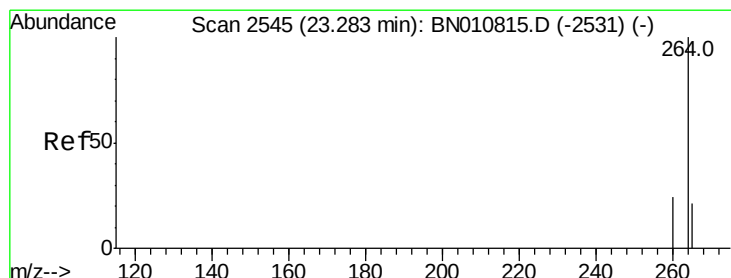
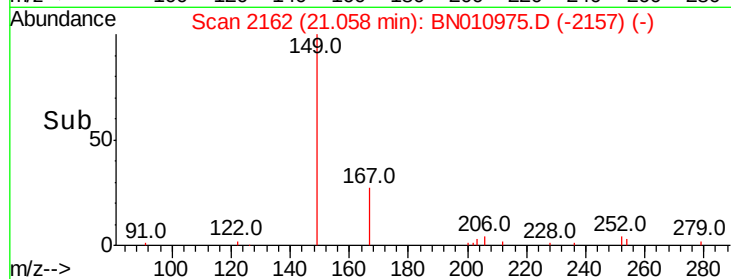
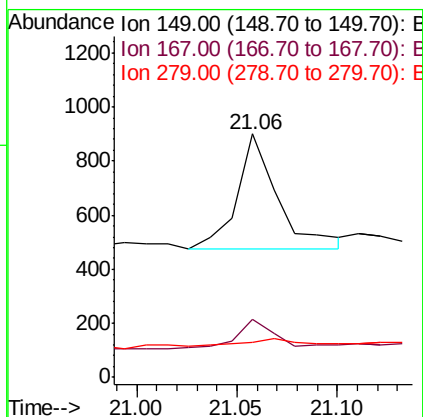
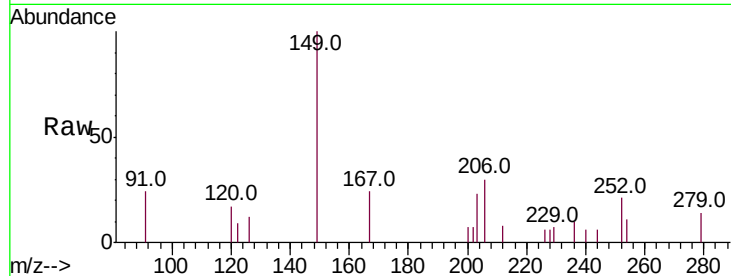




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BN010975.D
 Acq: 19 Jun 2020 18:11

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20200615

Tot Ion:149 Resp: 607
 Ion Ratio Lower Upper
 149 100
 167 21.7 24.1 36.1#
 279 7.1 4.6 7.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.27 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BN010975.D
 Acq: 19 Jun 2020 18:11

Tgt Ion:264 Resp: 7613
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 87.8 75.0 112.4

