

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007726.D
 Acq On : 19 Sep 2019 03:27
 Operator : HP/JU
 Sample : K4896-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912

Quant Time: Sep 19 14:57:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 18:24:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6057	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23635	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14572	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	33852	0.40	ng	0.00
27) Chrysene-d12	21.26	240	38132	0.40	ng	-0.01
34) Perylene-d12	23.48	264	42356	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	2411	0.12	ng	0.00
5) Phenol-d6	6.87	99	1987	0.07	ng	0.00
8) Nitrobenzene-d5	8.83	82	7182	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14375	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2341	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	27928	0.47	ng	0.00
25) Fluoranthene-d10	19.10	212	44846	0.39	ng	0.00
29) Terphenyl-d14	19.71	244	44003	0.47	ng	0.00

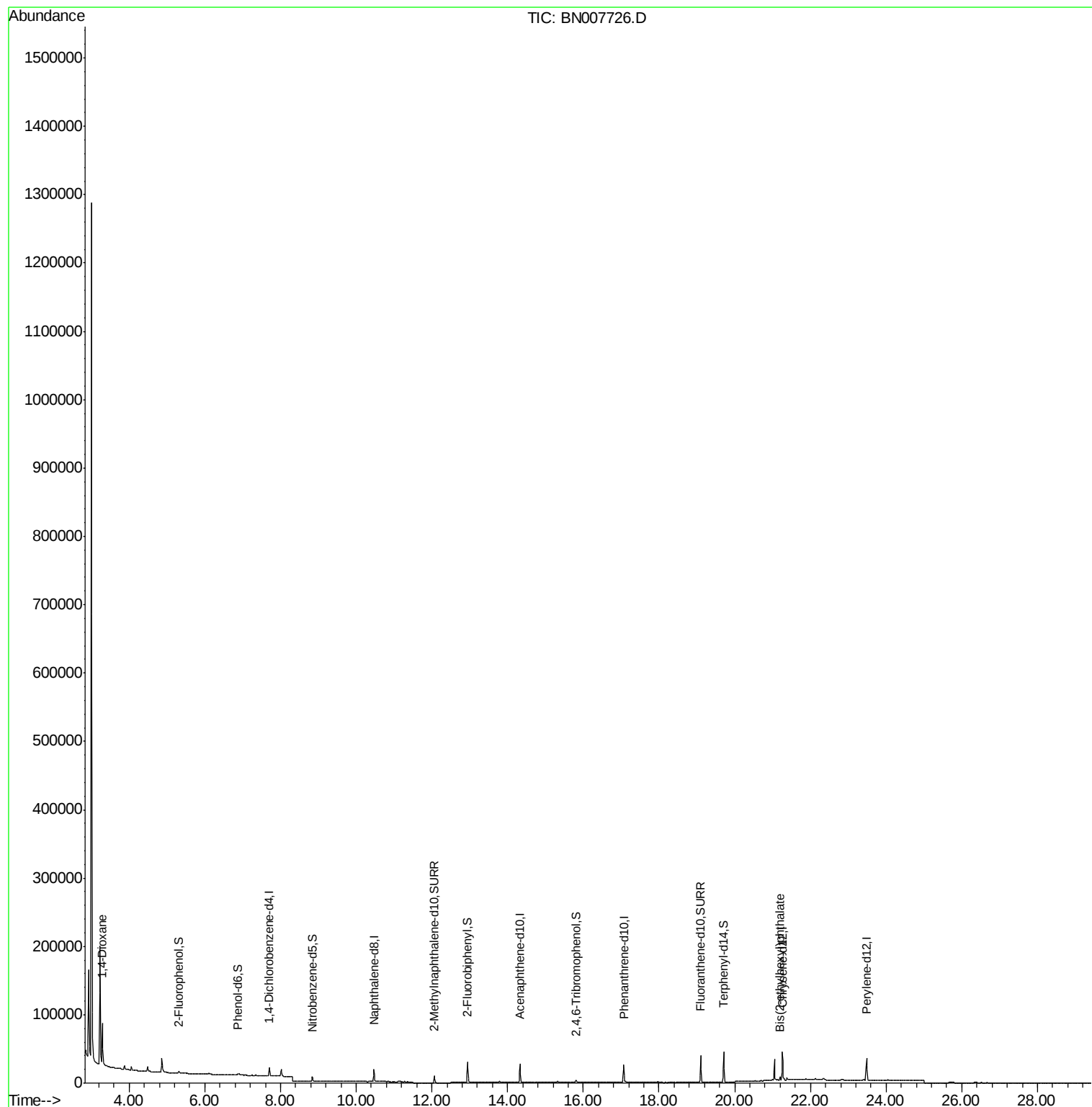
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	44633	6.611	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.20	149	3857	0.053	ng	97

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

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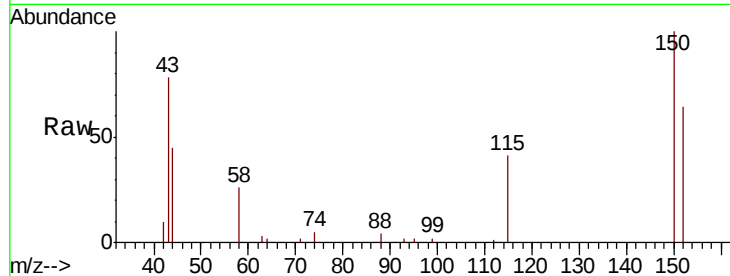


#1

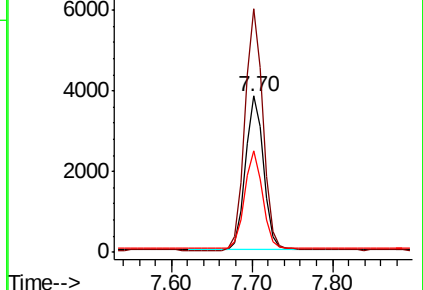
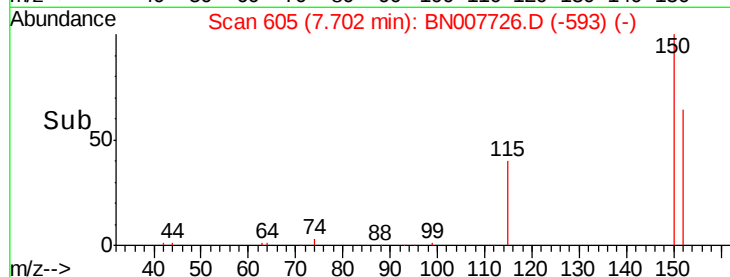
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. 0.00 min
Lab File: BN007726.D
Acq: 19 Sep 2019 03:27

Instrument :
BNA_N
ClientSampleId :
MW201D-20190912

Tot Ion:152 Resp: 6057
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 64.7 53.3 79.9



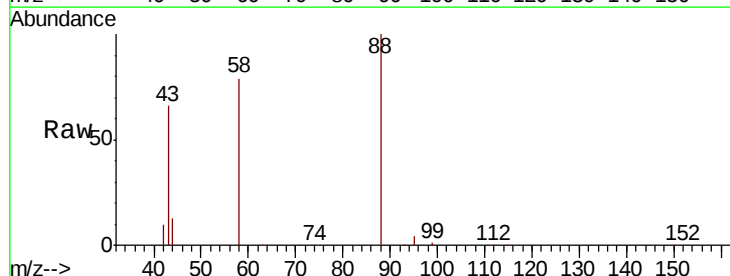
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



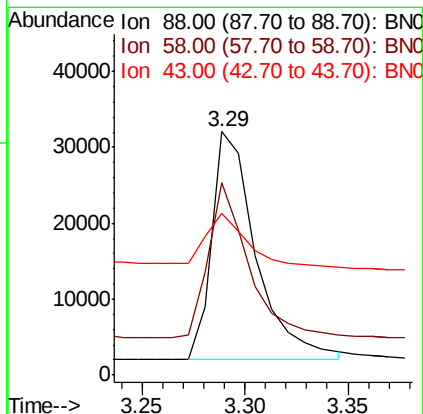
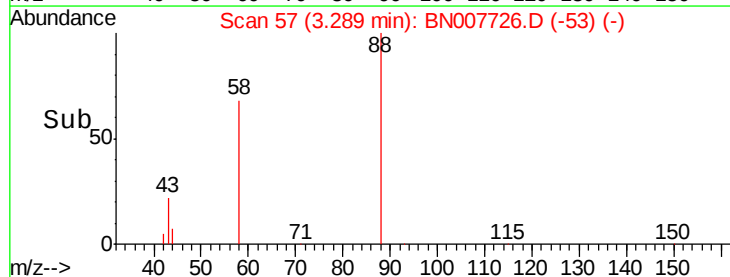
#2

1,4-Dioxane
Concen: 6.611 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007726.D
Acq: 19 Sep 2019 03:27

Tgt Ion: 88 Resp: 44633
Ion Ratio Lower Upper
88 100
58 59.4 44.6 66.8
43 22.1 14.4 21.6#



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





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912

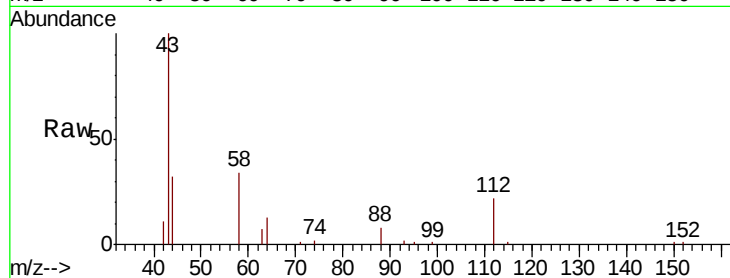
Tot Ion:112 Resp: 2411

Ion Ratio Lower Upper

112 100

64 62.1 46.6 70.0

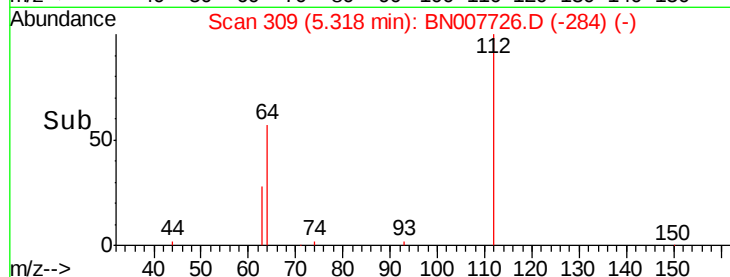
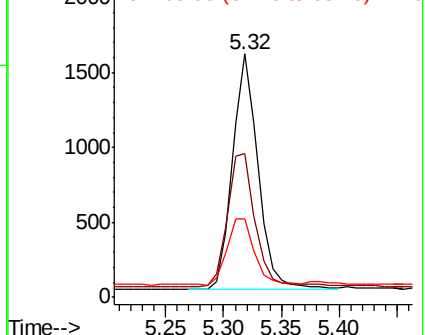
63 29.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.071 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

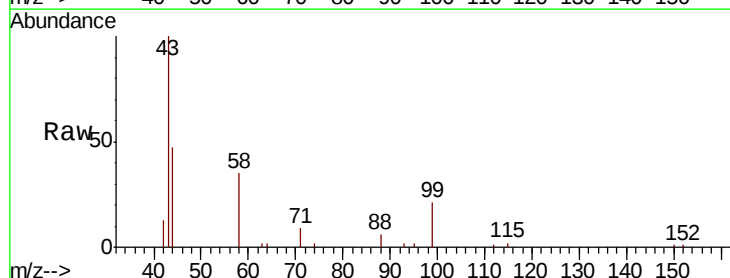
Tgt Ion: 99 Resp: 1987

Ion Ratio Lower Upper

99 100

42 21.5 12.8 19.2#

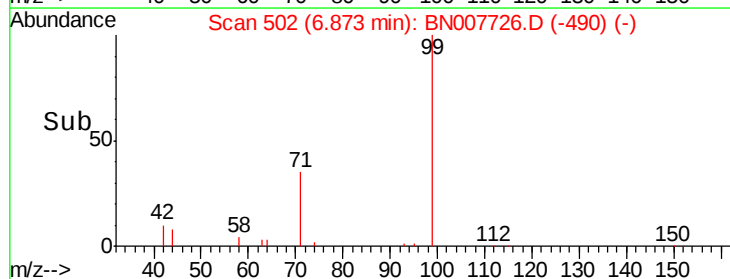
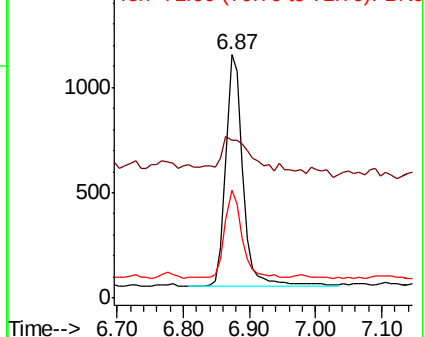
71 36.8 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912

Tot Ion:136 Resp: 23635

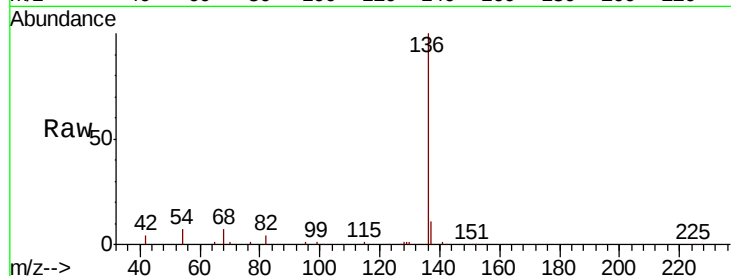
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.7 5.8 8.8

68 7.3 6.5 9.7

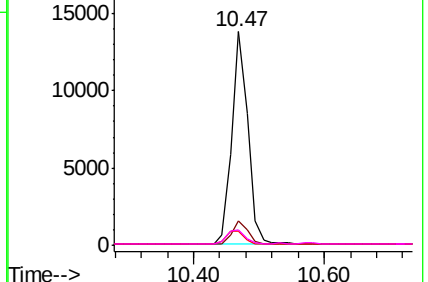
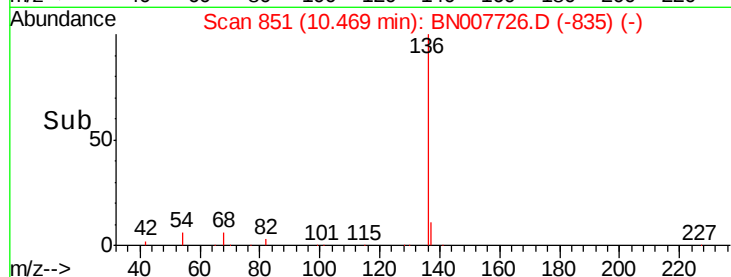


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

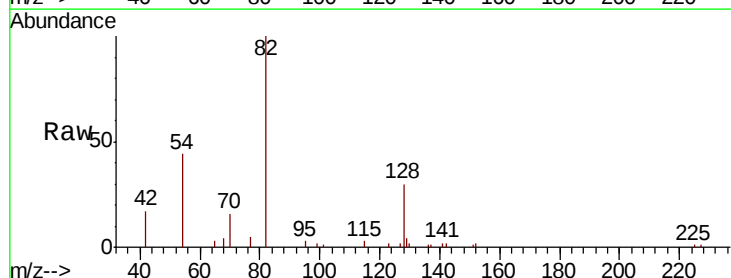
Tgt Ion: 82 Resp: 7182

Ion Ratio Lower Upper

82 100

128 30.4 24.5 36.7

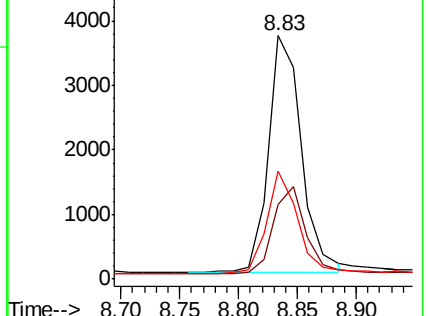
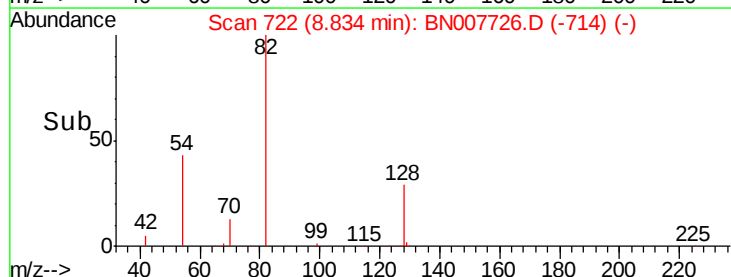
54 44.4 35.2 52.8



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

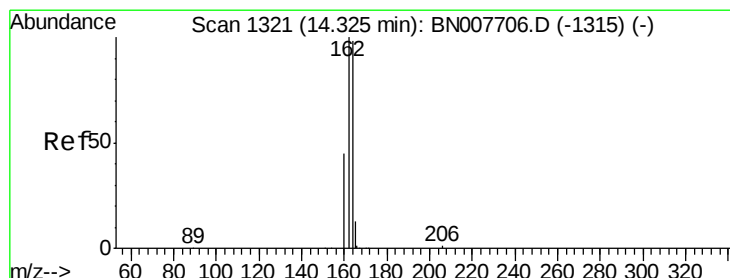
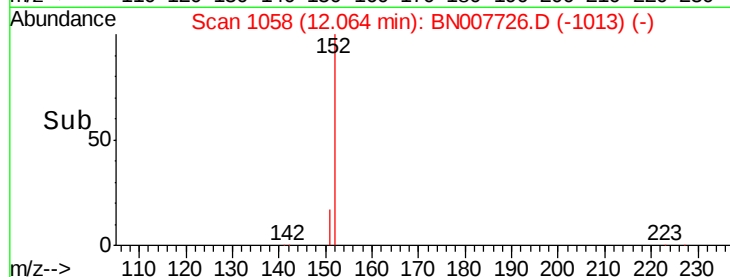
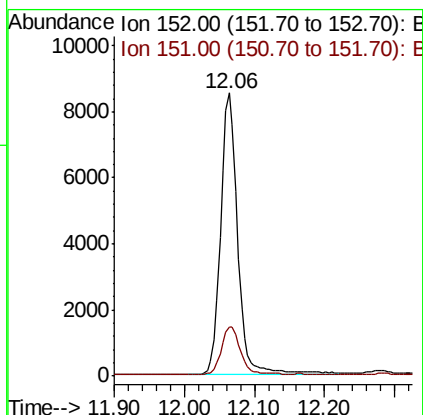
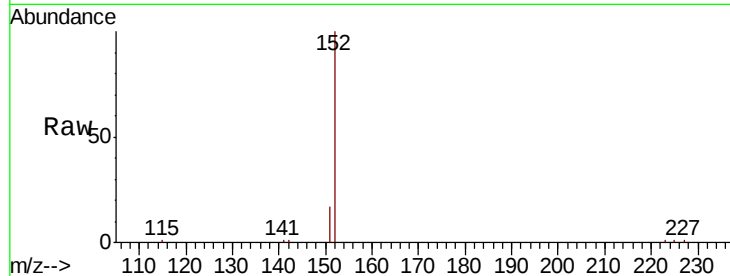




#11
 2-Methylnaphthalene-d10
 Concen: 0.361 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BN007726.D
 Acq: 19 Sep 2019 03:27

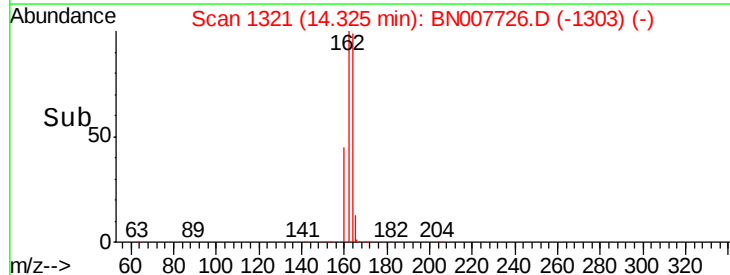
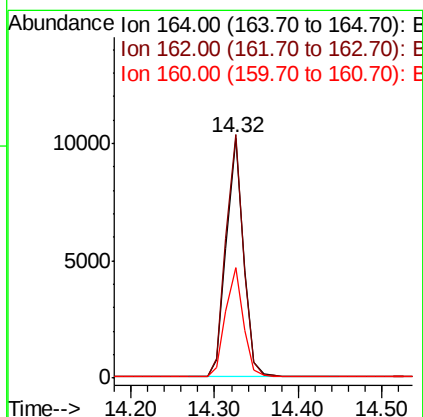
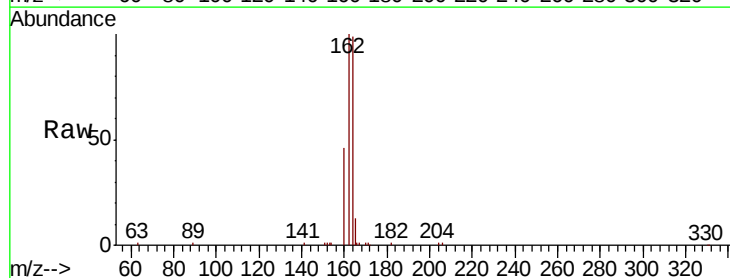
Instrument :
 BNA_N
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 MW201D-20190912

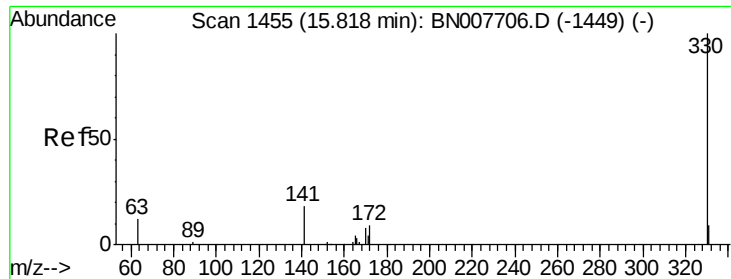
Tot Ion:152 Resp: 14375
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.32 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BN007726.D
 Acq: 19 Sep 2019 03:27

Tgt Ion:164 Resp: 14572
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.7 122.5
 160 46.2 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.82 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912

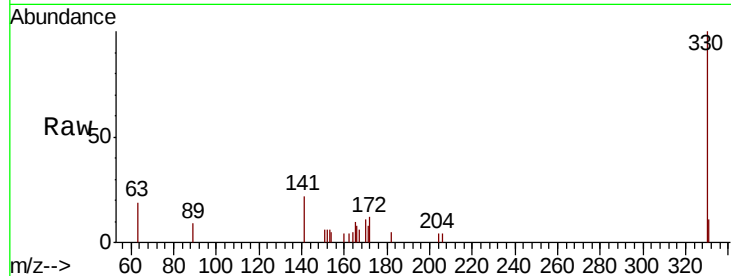
Tot Ion:330 Resp: 2341

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

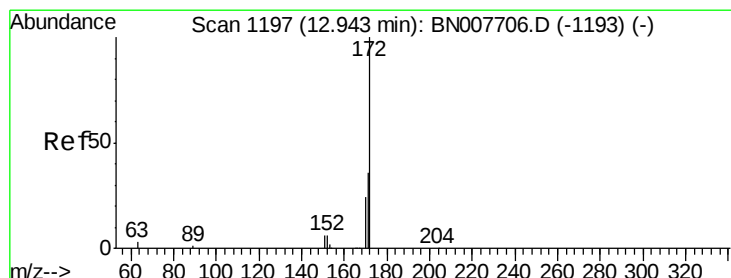
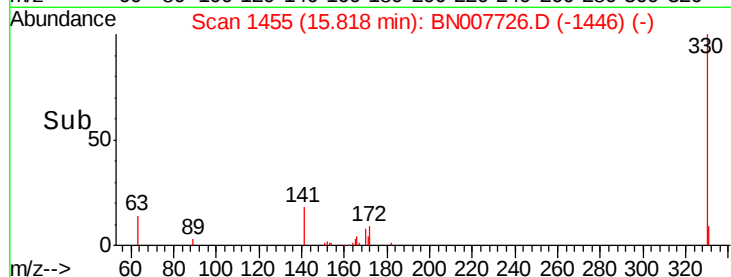
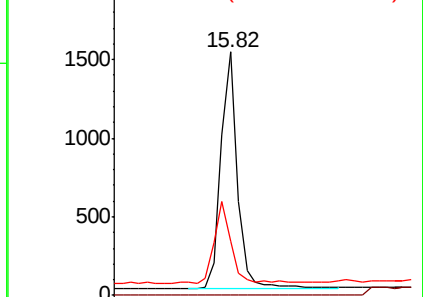
141 36.2 28.7 43.1



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: 0.465 ng

RT: 12.94 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

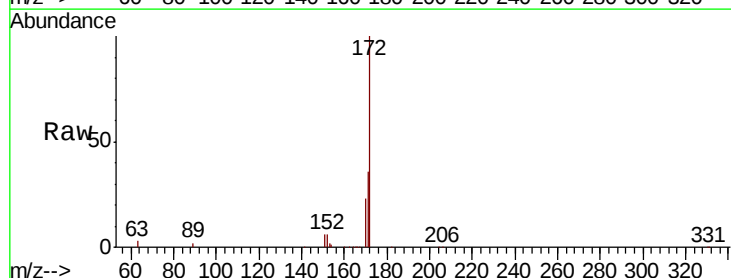
Tgt Ion:172 Resp: 27928

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

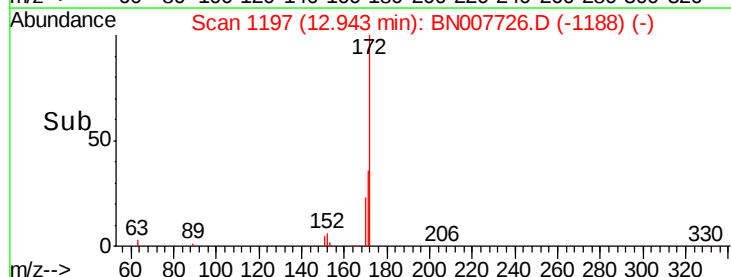
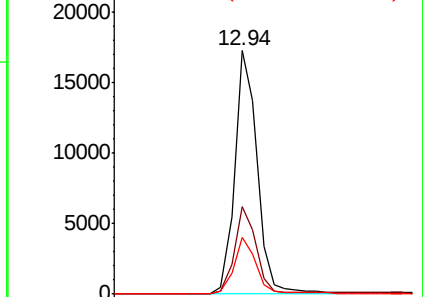
170 23.4 19.5 29.3

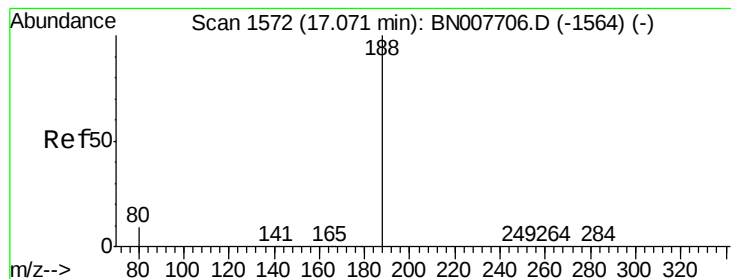


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

Instrument :

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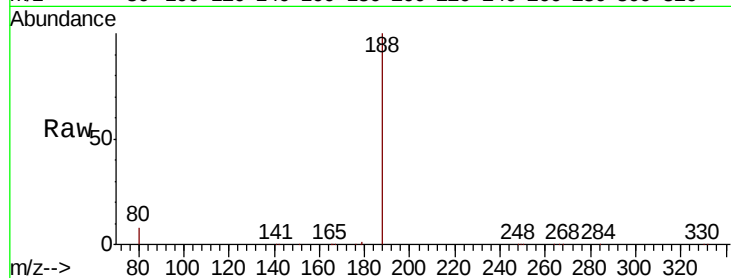
Tot Ion:188 Resp: 33852

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

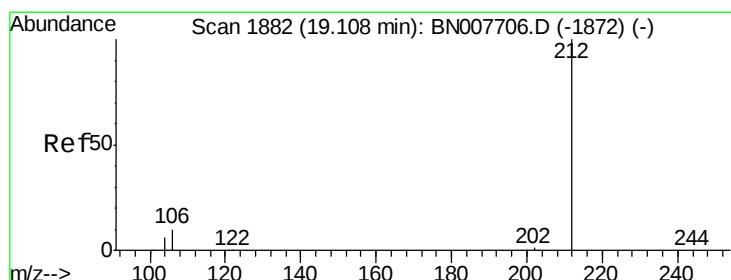
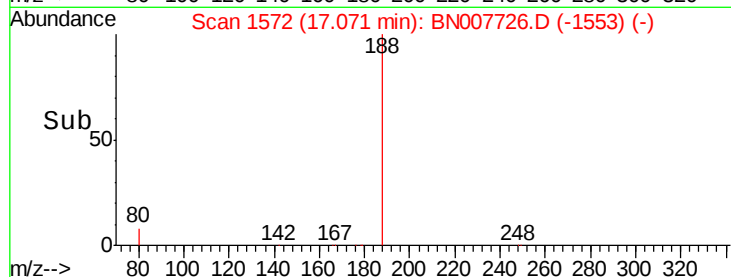
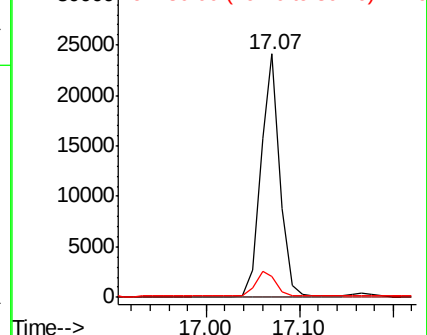
80 8.5 7.4 11.2



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: 0.393 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

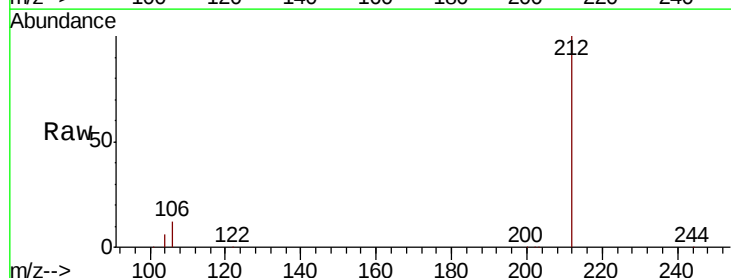
Tgt Ion:212 Resp: 44846

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

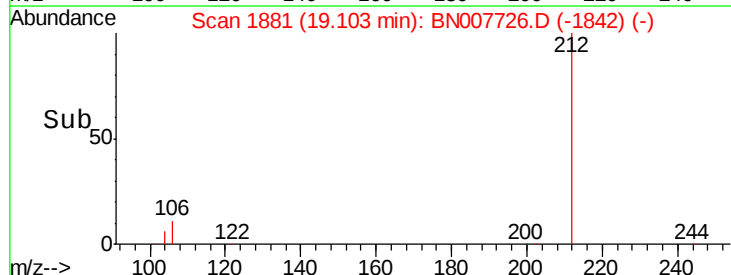
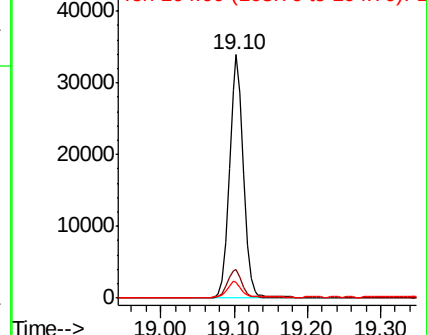
104 6.5 5.3 7.9

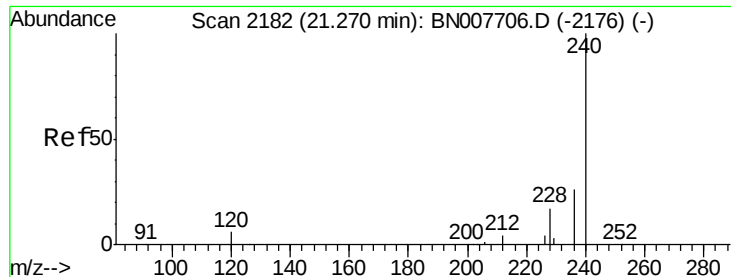


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

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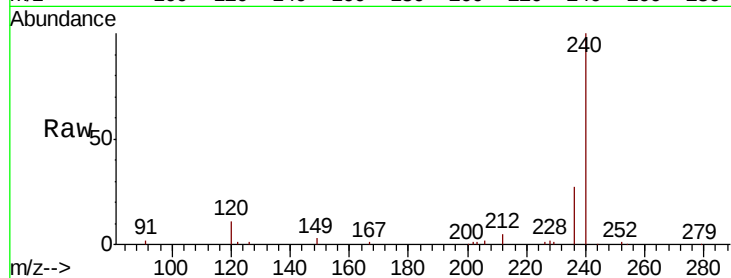
Tot Ion:240 Resp: 38132

Ion Ratio Lower Upper

240 100

120 11.0 5.4 8.2#

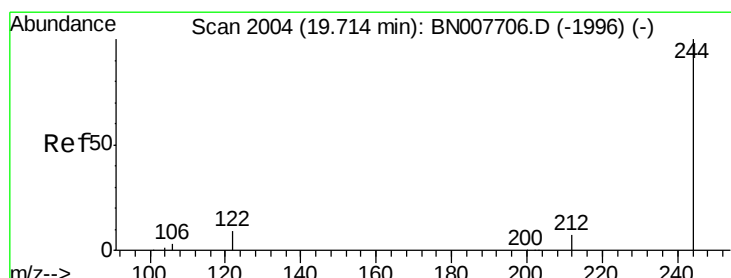
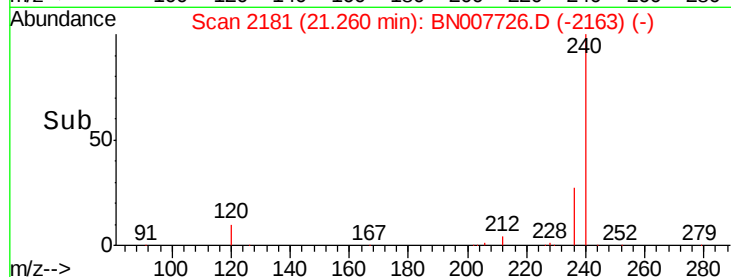
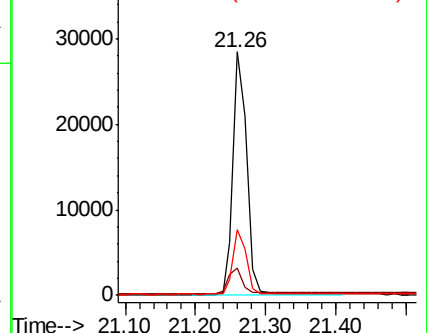
236 27.0 21.0 31.4



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: 0.470 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

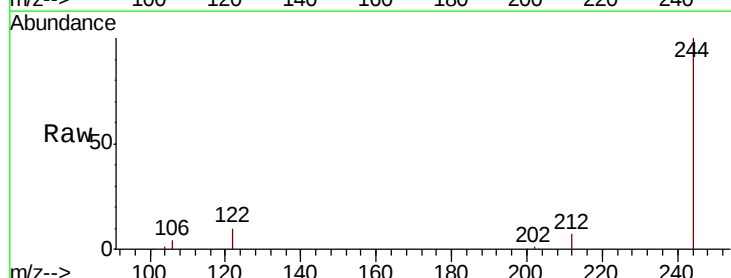
Tgt Ion:244 Resp: 44003

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

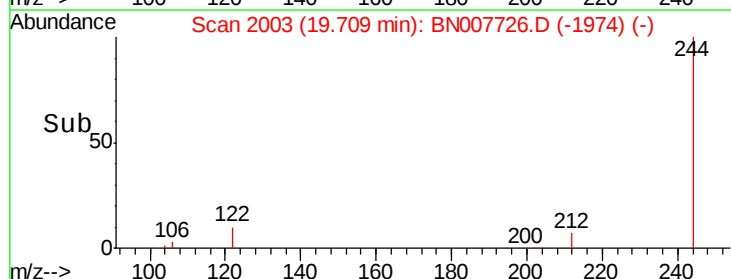
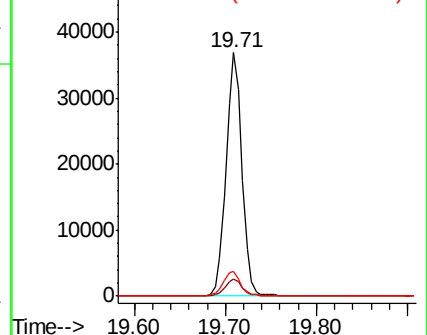
122 10.0 7.4 11.2

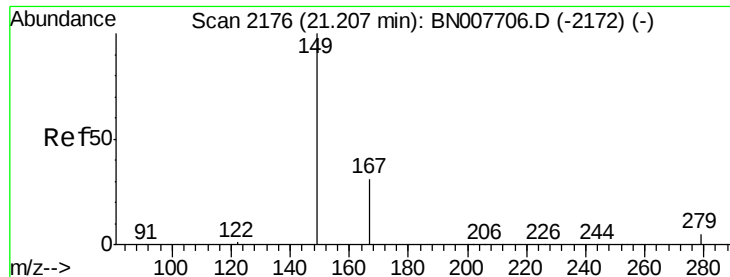


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

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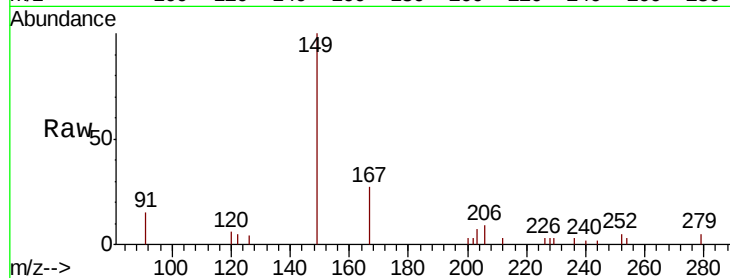
Tot Ion:149 Resp: 3857

Ion Ratio Lower Upper

149 100

167 27.9 23.7 35.5

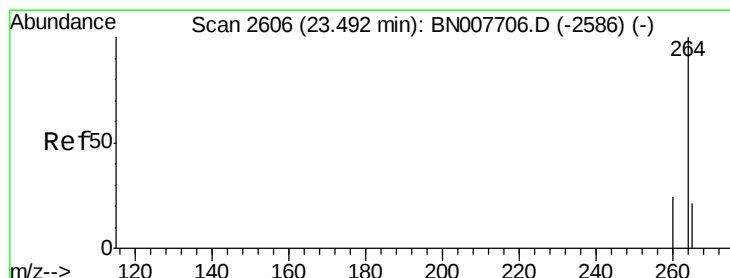
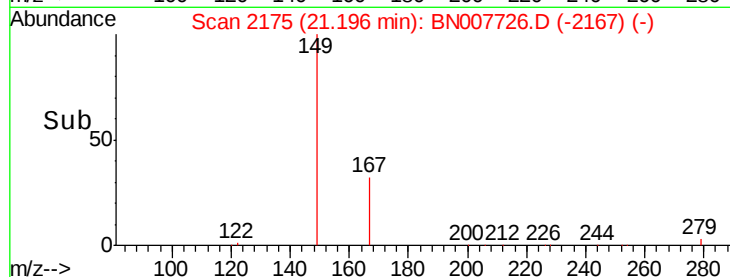
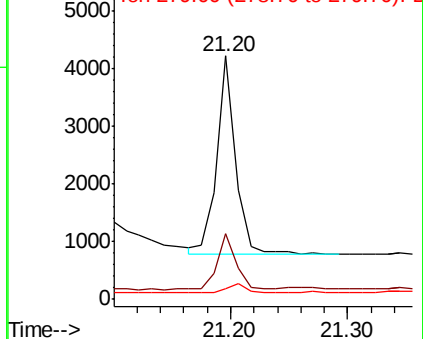
279 5.4 4.2 6.2



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: 23.48 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BN007726.D

Acq: 19 Sep 2019 03:27

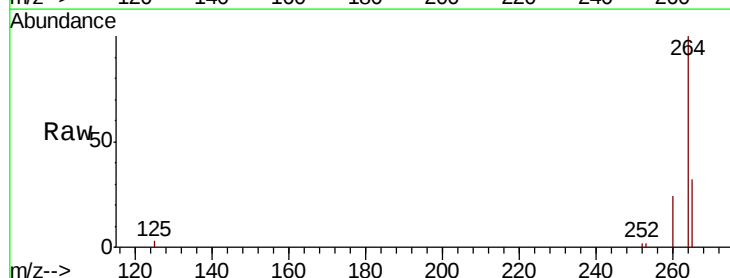
Tgt Ion:264 Resp: 42356

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.8 26.9 40.3



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

