

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 Data File : BN007793.D
 Acq On : 21 Sep 2019 09:39
 Operator : HP/JU
 Sample : K4974-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20190917

Quant Time: Sep 23 02:52:41 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

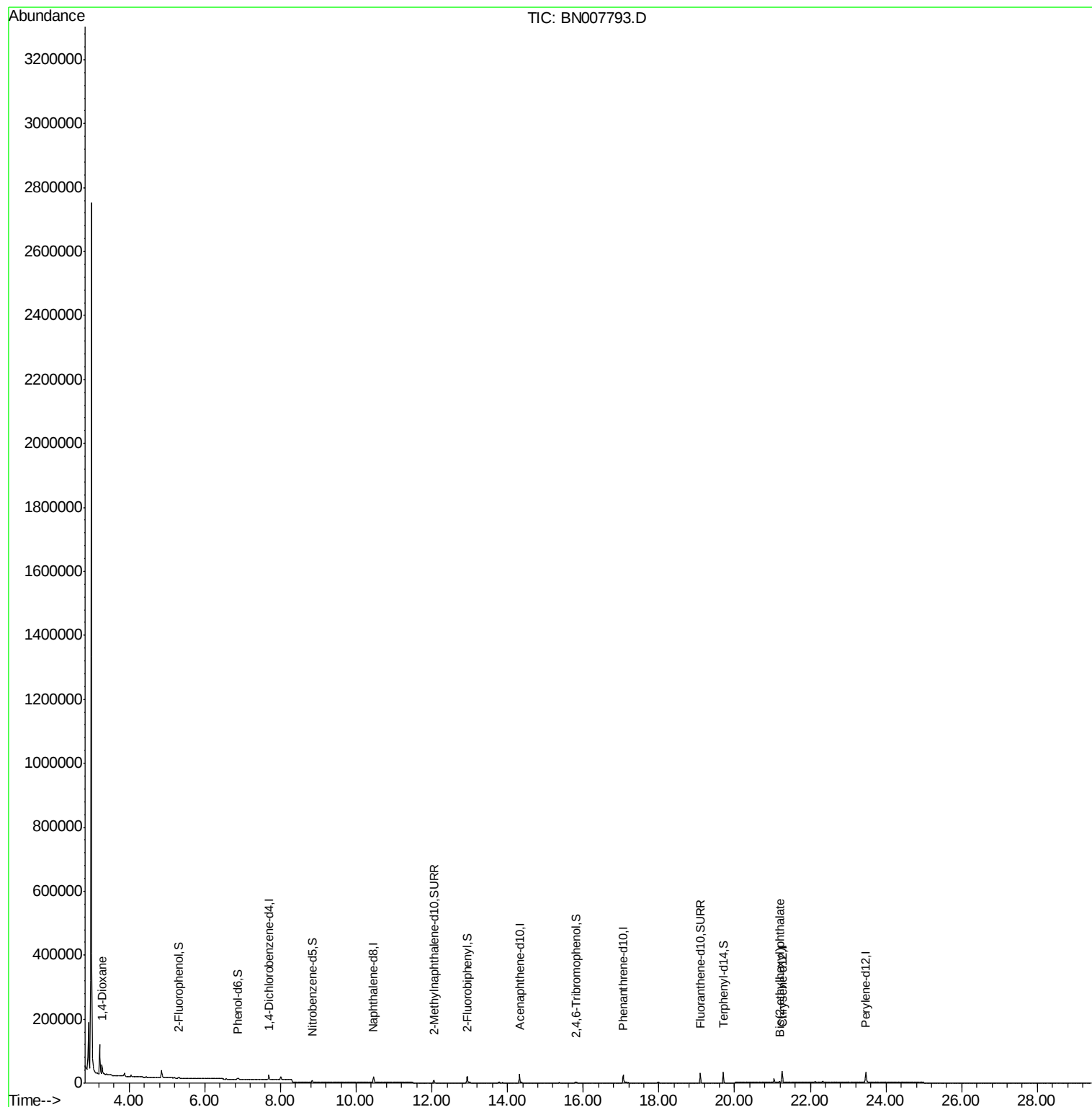
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7019	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26125	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15554	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34913	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	37945	0.40	ng	-0.01
34) Perylene-d12	23.47	264	41122	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	1968	0.08	ng	0.00
5) Phenol-d6	6.87	99	1512	0.04	ng	0.00
8) Nitrobenzene-d5	8.83	82	5607	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13865	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1198	0.14	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20190	0.32	ng	0.00
25) Fluoranthene-d10	19.09	212	36272	0.31	ng	-0.01
29) Terphenyl-d14	19.70	244	33549	0.36	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	23847	3.048	ng	Qvalue # 91
32) Bis(2-ethylhexyl)phthalate	21.19	149	2283	0.032	ng	97

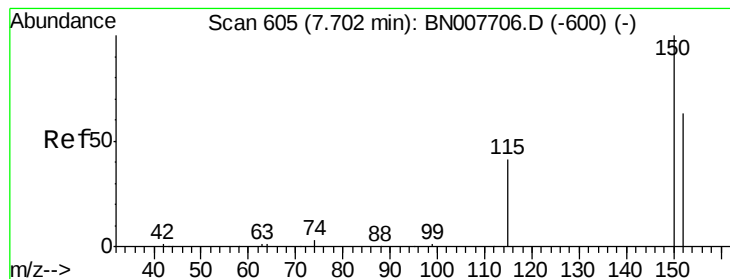
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
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QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

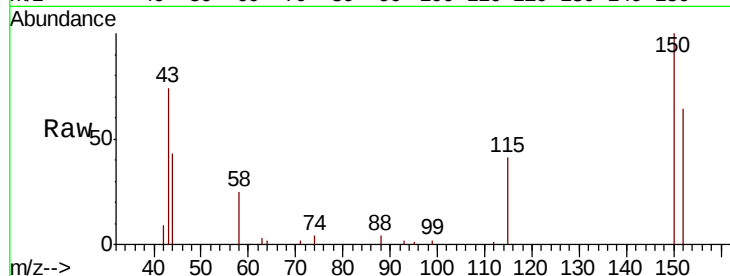
Tot Ion:152 Resp: 7019

Ion Ratio Lower Upper

152 100

150 155.6 125.6 188.4

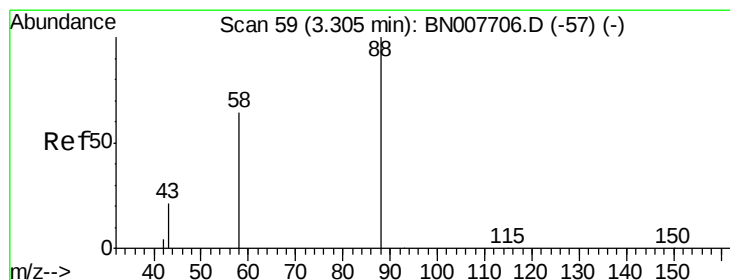
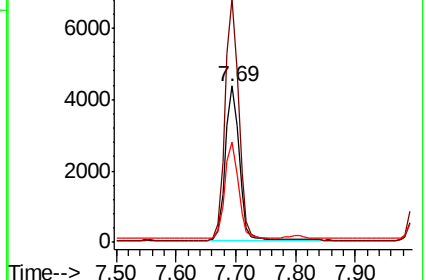
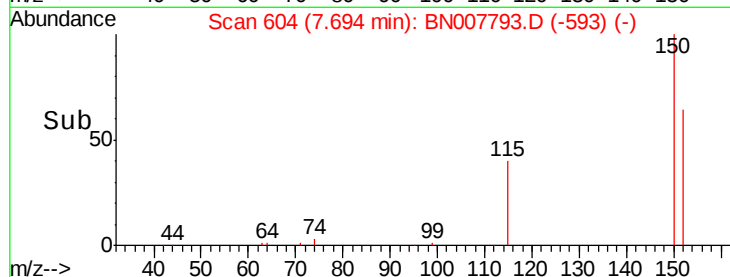
115 64.4 53.3 79.9



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: 3.048 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

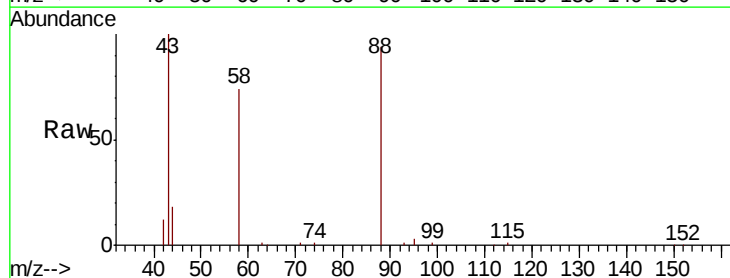
Tgt Ion: 88 Resp: 23847

Ion Ratio Lower Upper

88 100

58 61.0 44.6 66.8

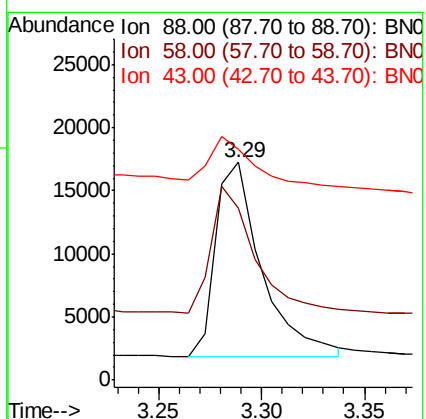
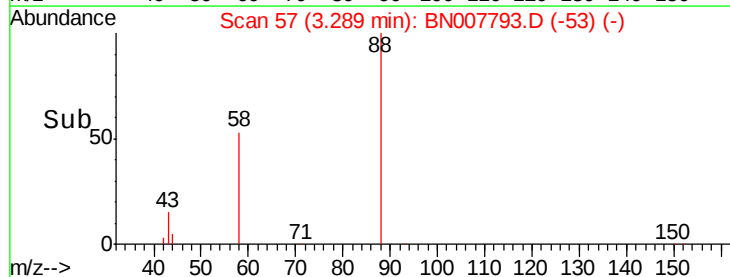
43 24.8 14.4 21.6#

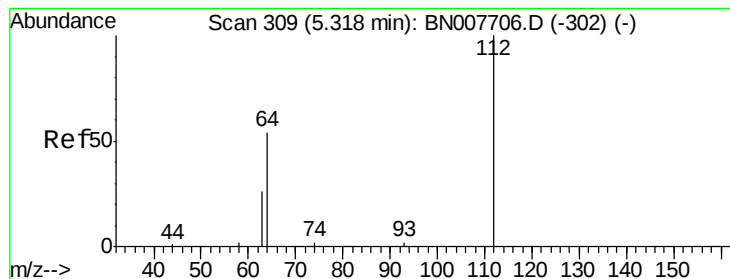


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

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ClientSampleId :

RE109D2-20190917

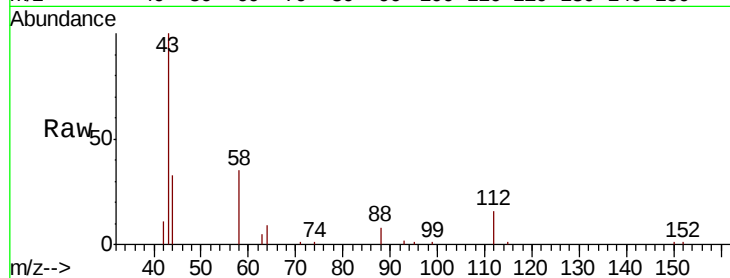
Tot Ion:112 Resp: 1968

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

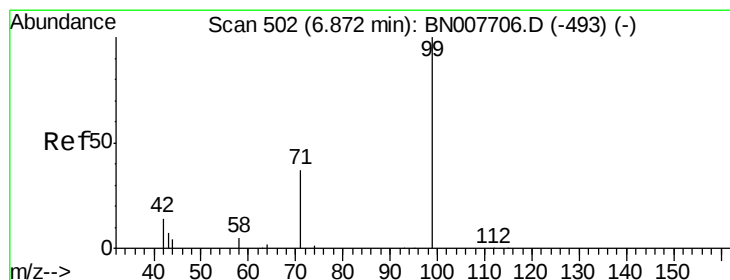
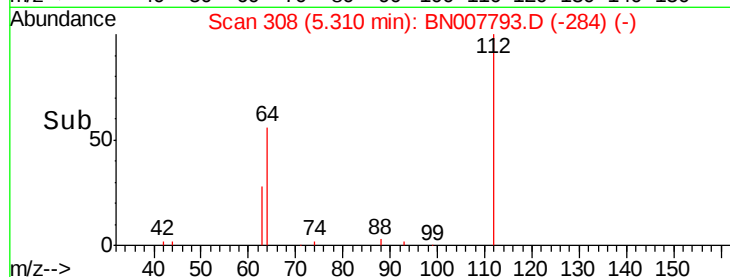
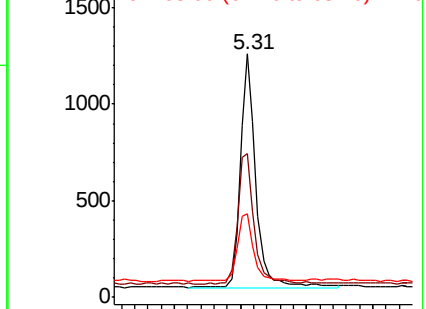
63 30.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.045 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

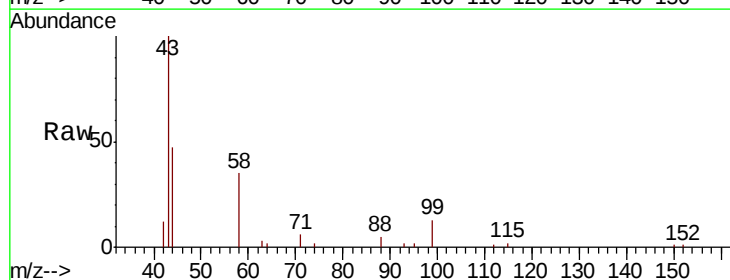
Tgt Ion: 99 Resp: 1512

Ion Ratio Lower Upper

99 100

42 28.0 12.8 19.2#

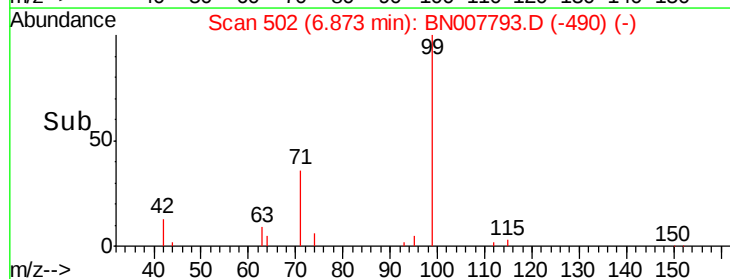
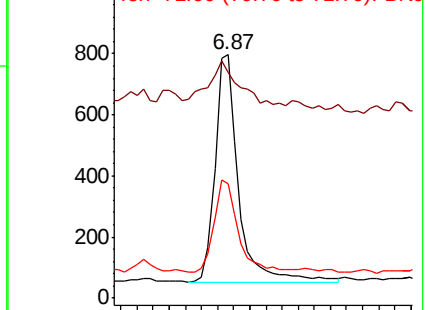
71 40.7 27.6 41.4



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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

Tot Ion:136 Resp: 26125

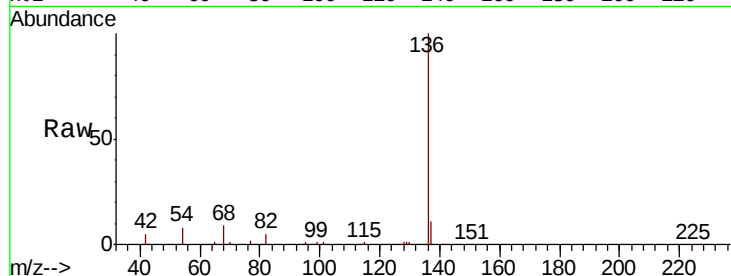
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.3 5.8 8.8

68 9.0 6.5 9.7

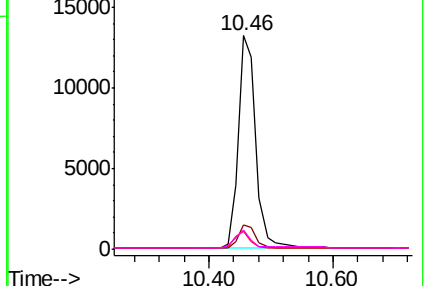
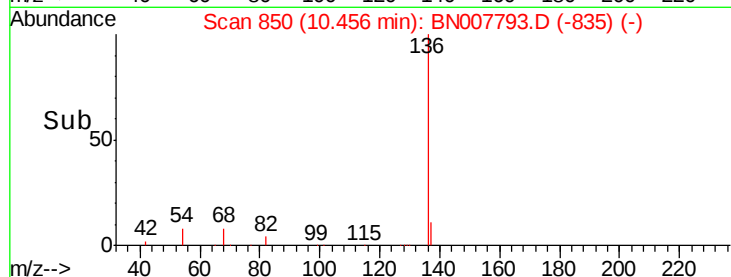


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.245 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

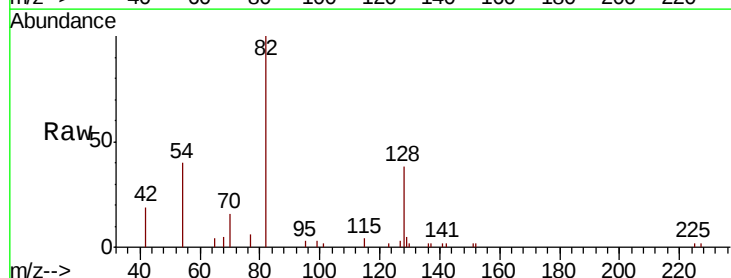
Tgt Ion: 82 Resp: 5607

Ion Ratio Lower Upper

82 100

128 37.8 24.5 36.7#

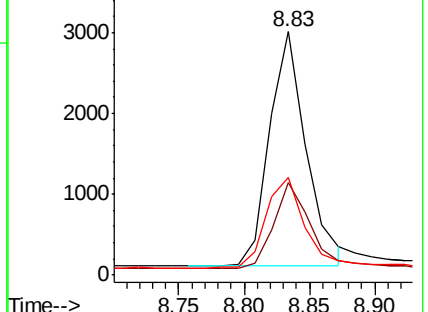
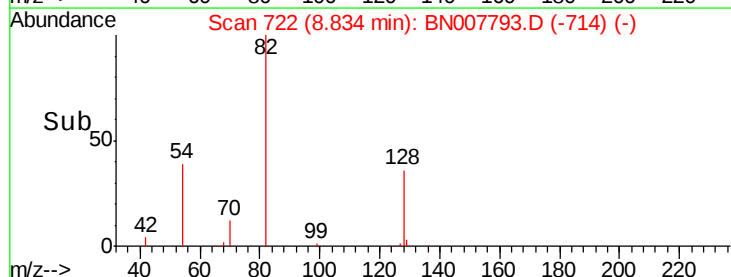
54 40.2 35.2 52.8



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

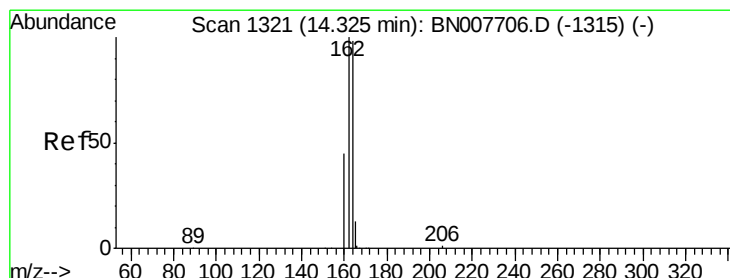
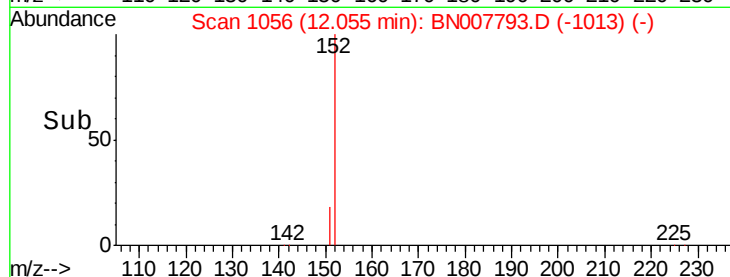
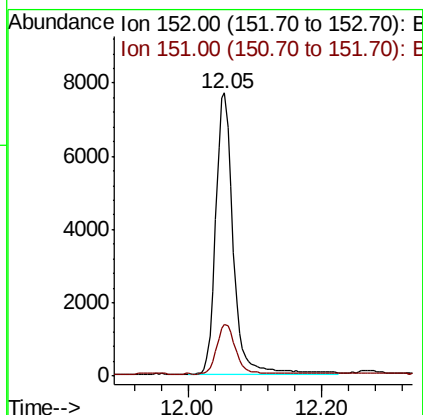
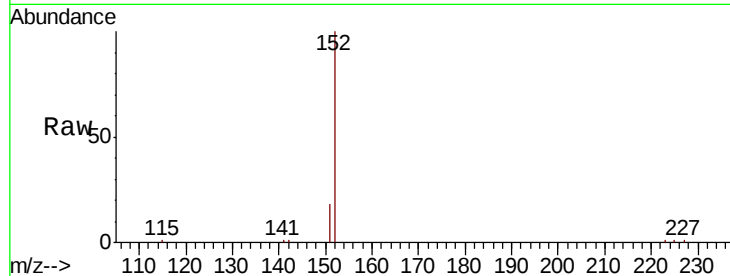




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN007793.D
Acq: 21 Sep 2019 09:39

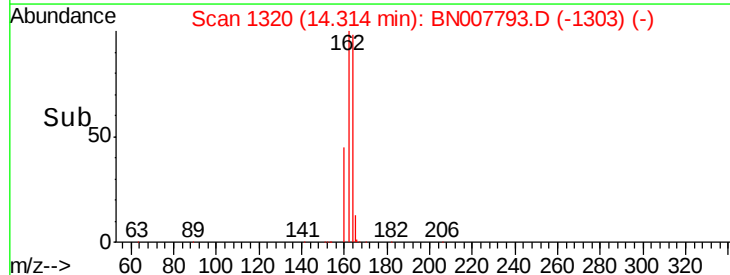
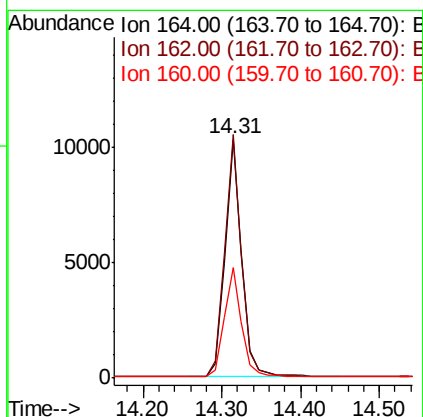
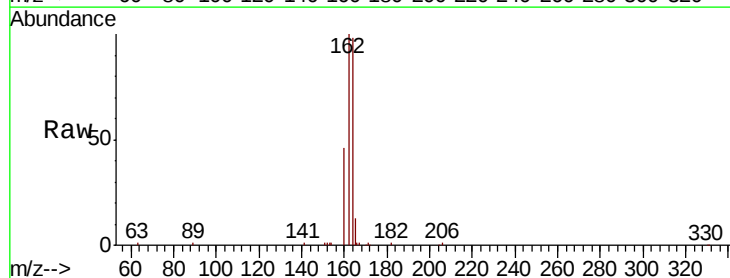
Instrument :
BNA_N
ClientSampleId :
RE109D2-20190917

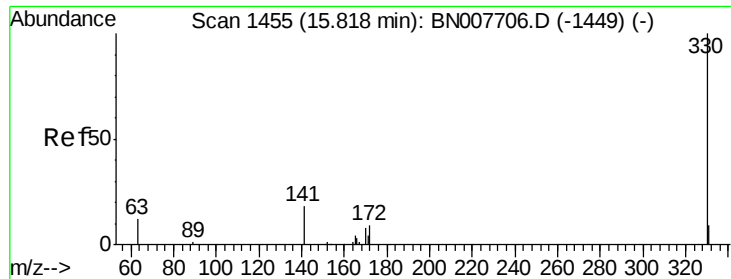
Tot Ion:152 Resp: 13865
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007793.D
Acq: 21 Sep 2019 09:39

Tgt Ion:164 Resp: 15554
Ion Ratio Lower Upper
164 100
162 101.9 81.7 122.5
160 46.4 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.141 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

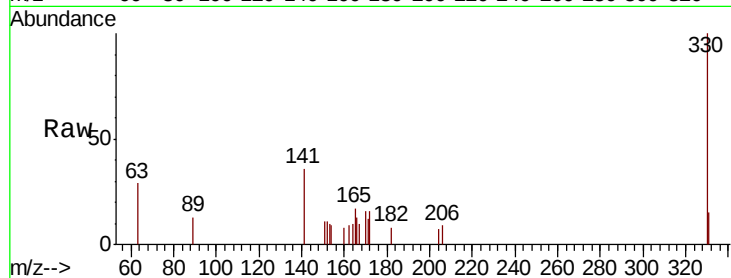
Tot Ion:330 Resp: 1198

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

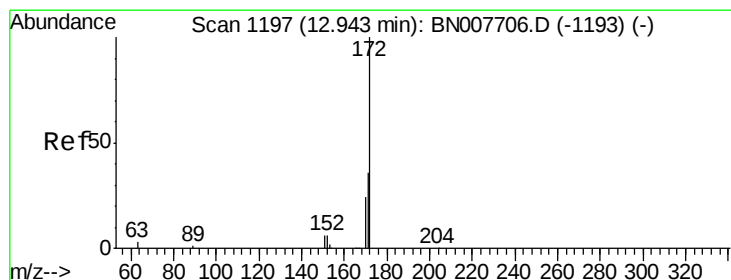
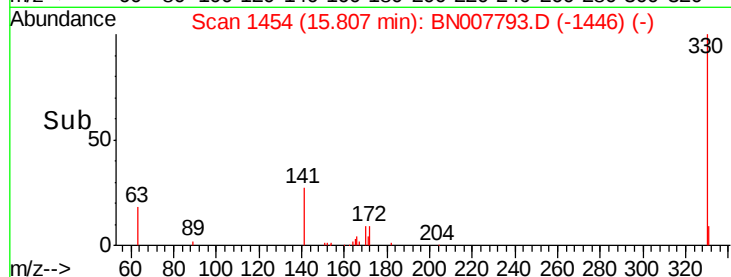
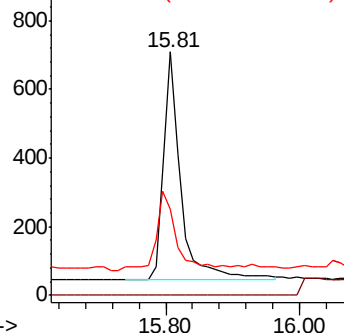
141 41.5 28.7 43.1



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: 0.315 ng

RT: 12.94 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

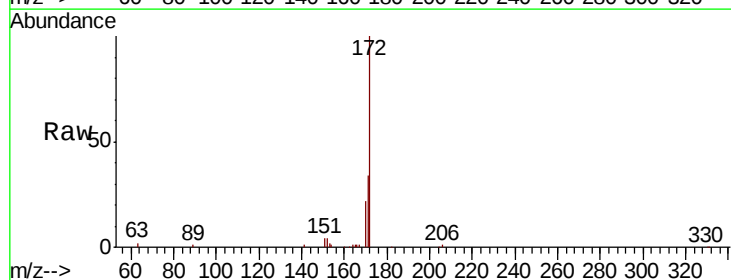
Tgt Ion:172 Resp: 20190

Ion Ratio Lower Upper

172 100

171 33.9 28.8 43.2

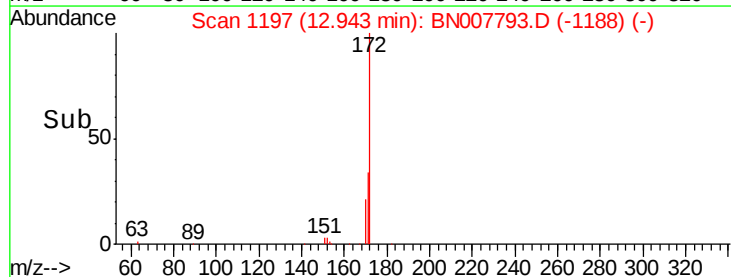
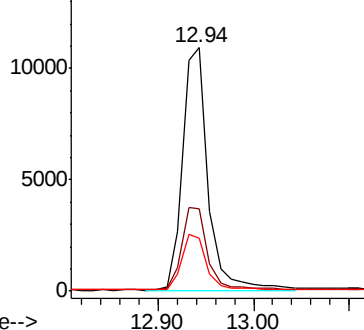
170 21.7 19.5 29.3

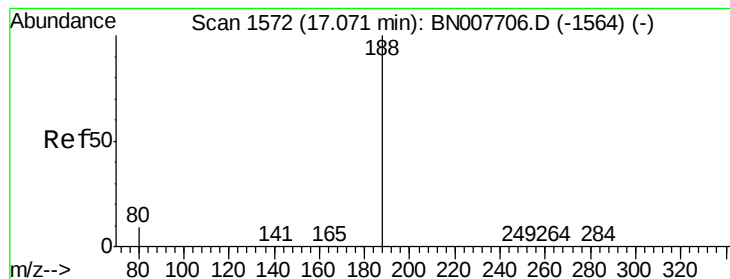


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

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ClientSampleId :

RE109D2-20190917

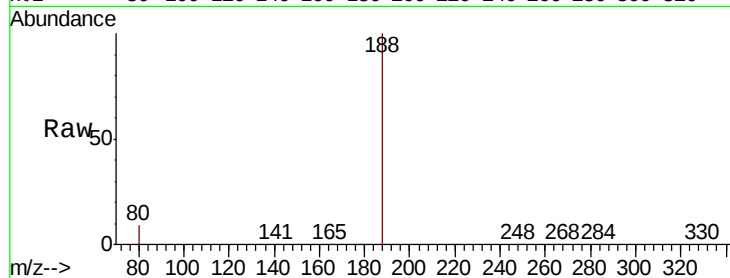
Tot Ion:188 Resp: 34913

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 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

17.06

20000

15000

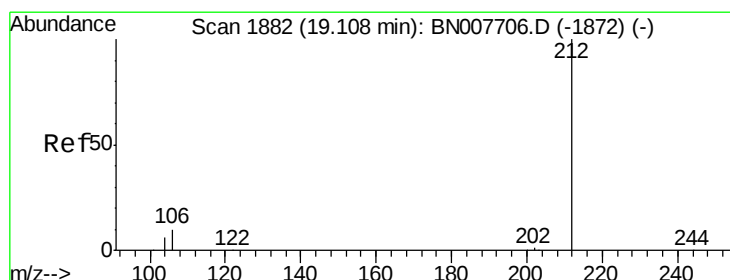
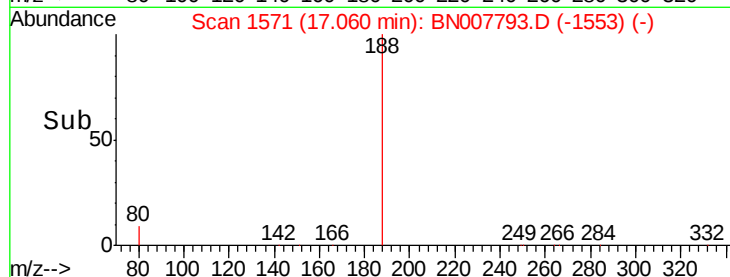
10000

5000

0

17.00 17.20 17.40

Time-->



#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

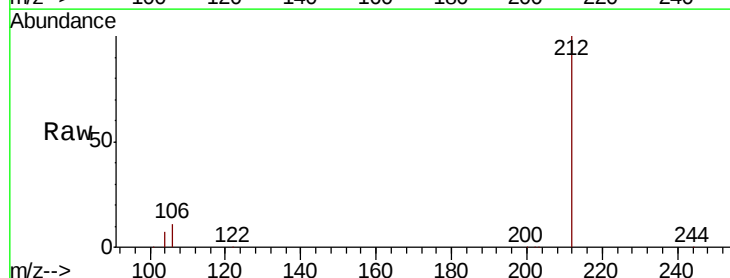
Tgt Ion:212 Resp: 36272

Ion Ratio Lower Upper

212 100

106 12.0 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

19.09

30000

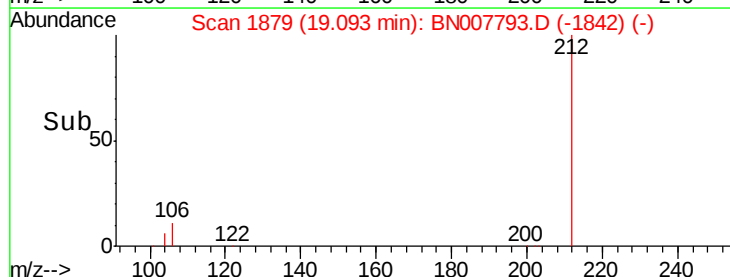
20000

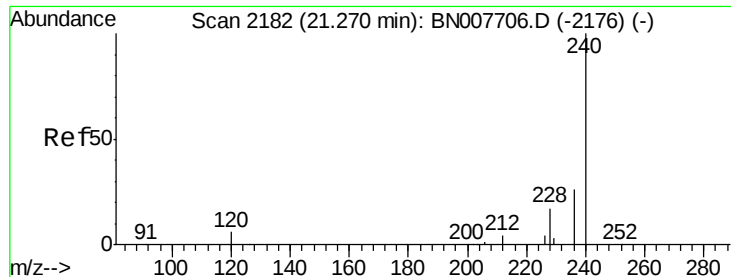
10000

0

19.00 19.20

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

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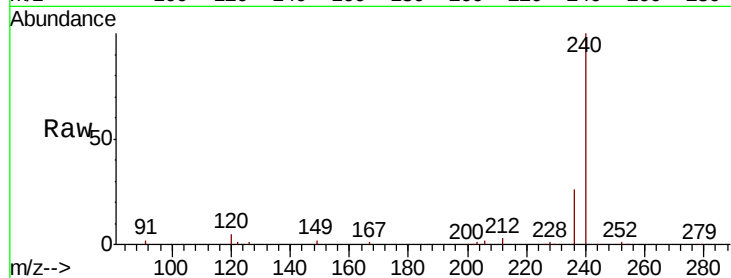
Tot Ion:240 Resp: 37945

Ion Ratio Lower Upper

240 100

120 5.3 5.4 8.2#

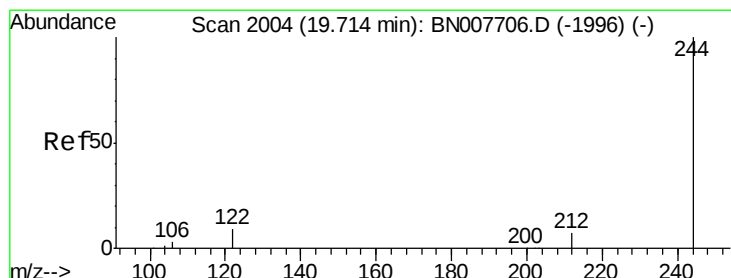
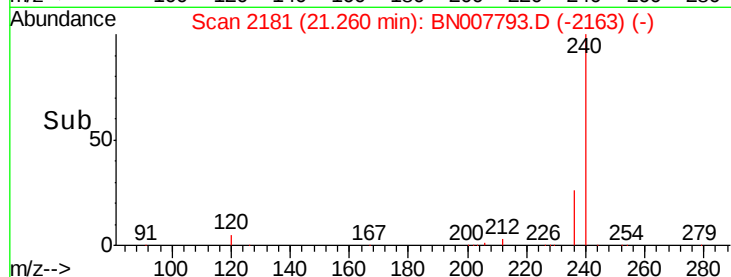
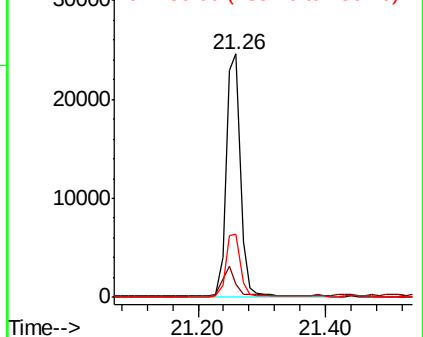
236 25.8 21.0 31.4



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: 0.360 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

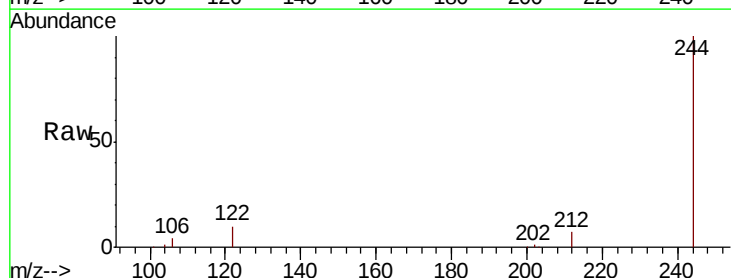
Tgt Ion:244 Resp: 33549

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

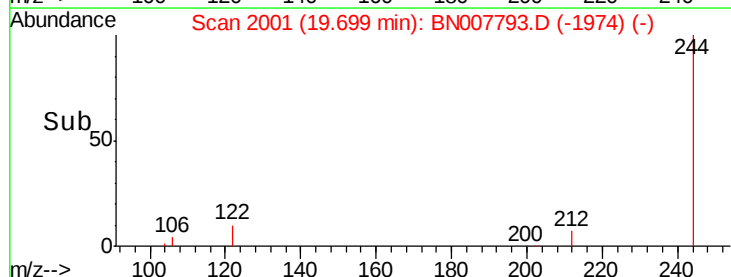
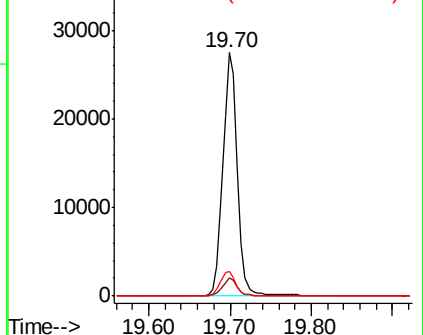
122 10.4 7.4 11.2

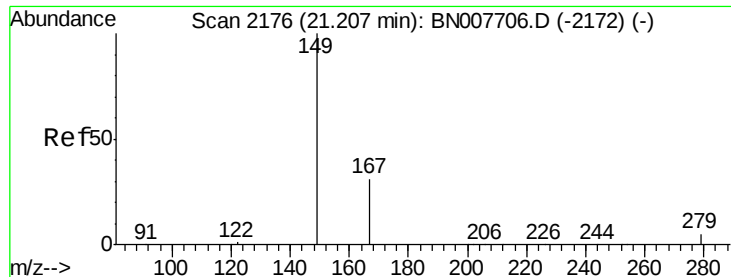


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

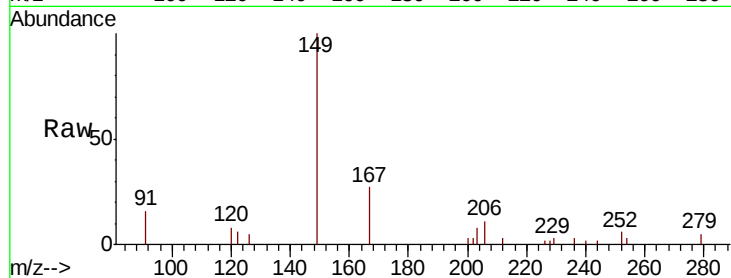
Tot Ion:149 Resp: 2283

Ion Ratio Lower Upper

149 100

167 27.6 23.7 35.5

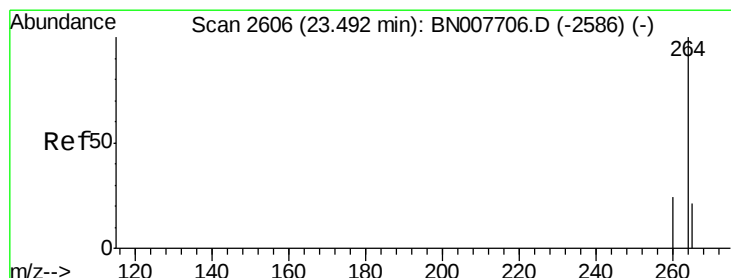
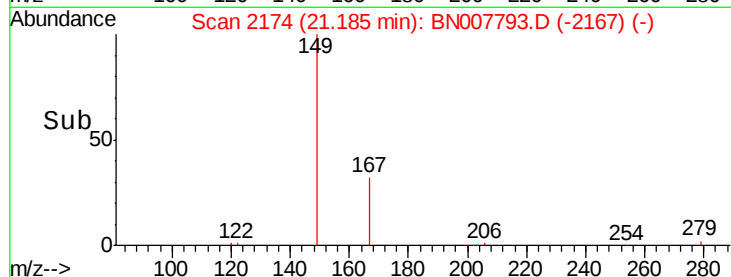
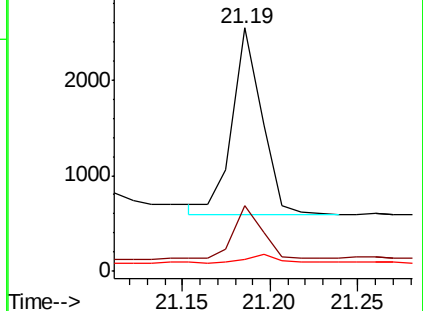
279 5.0 4.2 6.2



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: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

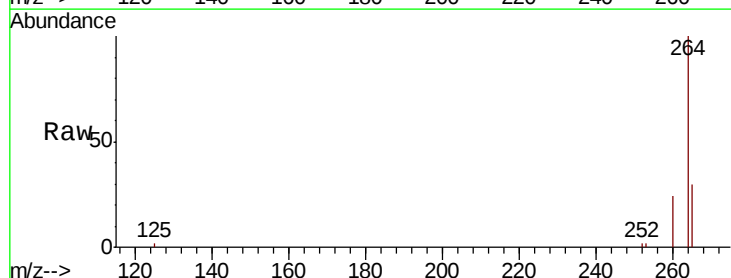
Tgt Ion:264 Resp: 41122

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 30.2 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

