

Data File : BN007792.D
Acq On : 21 Sep 2019 09:03
Operator : HP/JU
Sample : K4974-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE109D1-20190917

Quant Time: Sep 23 01:56:29 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

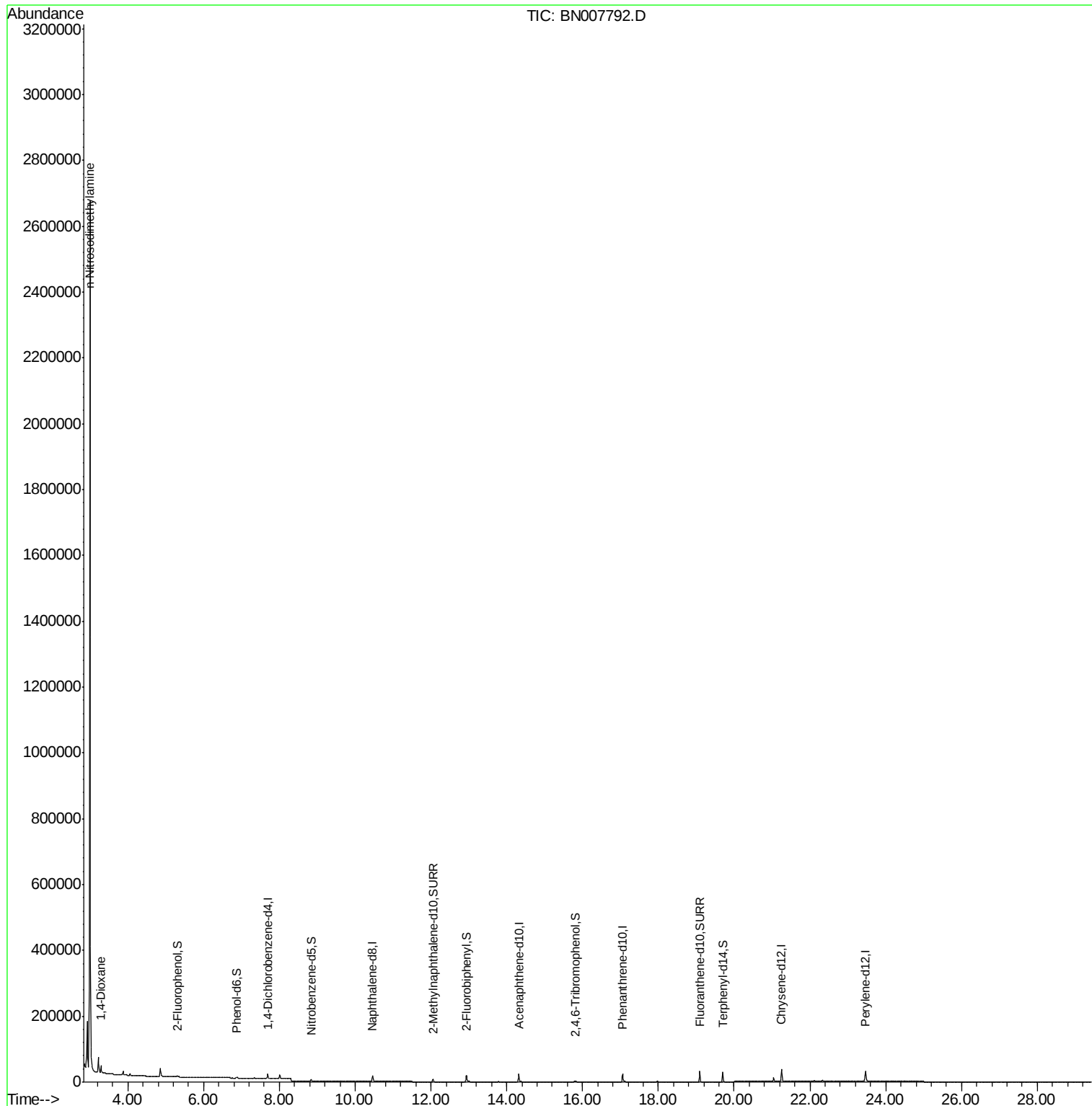
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6980	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26120	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15123	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34202	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36754	0.40	ng	-0.02
34) Perylene-d12	23.47	264	39826	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2355	0.10	ng	0.00
5) Phenol-d6	6.87	99	1813	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	5802	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13984	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1478	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20570	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	37418	0.32	ng	-0.01
29) Terphenyl-d14	19.70	244	31959	0.35	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	19316	2.483	ng	# 92
3) n-Nitrosodimethylamine	3.00	42	203856	57.209	ng	# 66

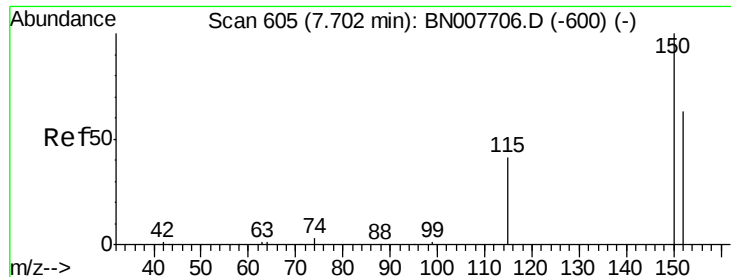
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

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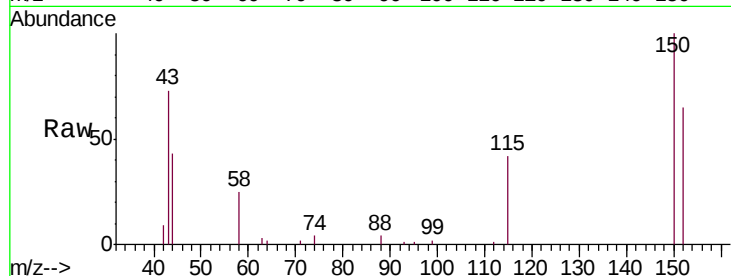
Tgt Ion:152 Resp: 6980

Ion Ratio Lower Upper

152 100

150 153.5 125.6 188.4

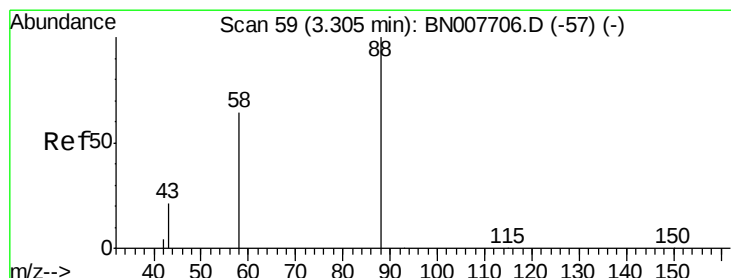
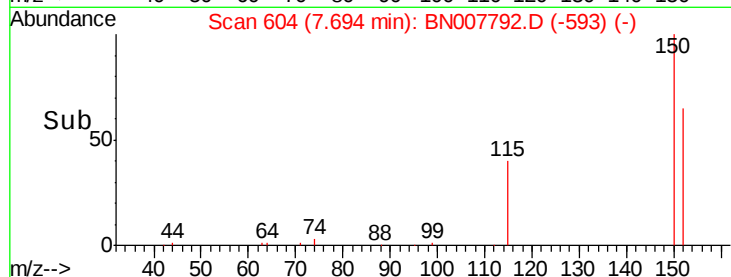
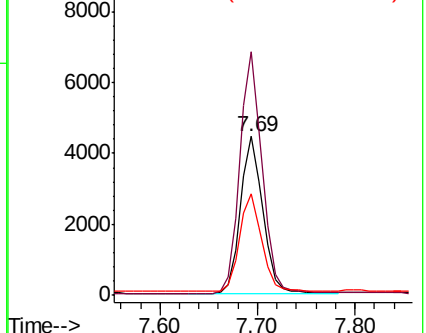
115 64.1 53.3 79.9



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: 2.483 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

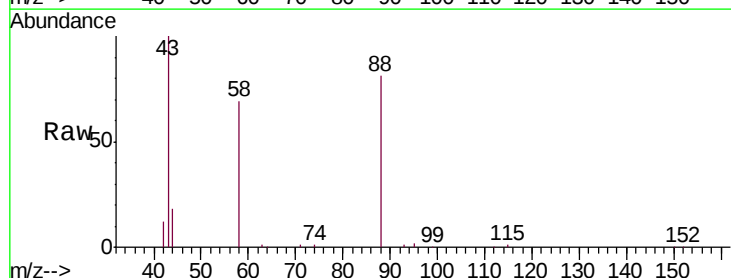
Tgt Ion: 88 Resp: 19316

Ion Ratio Lower Upper

88 100

58 59.4 44.6 66.8

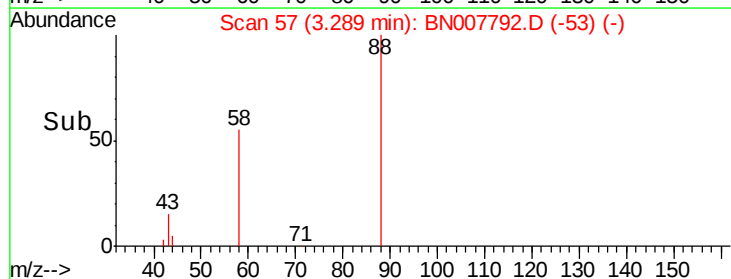
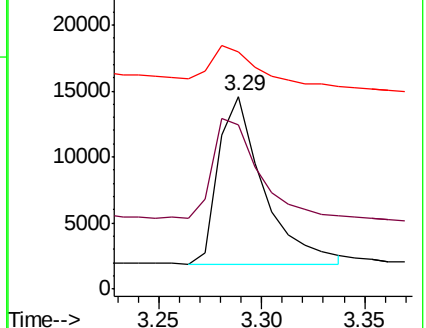
43 25.8 14.4 21.6#



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

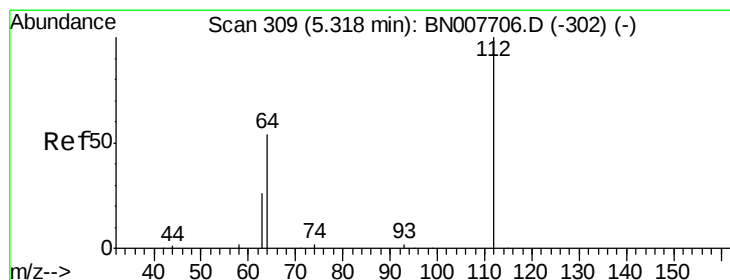
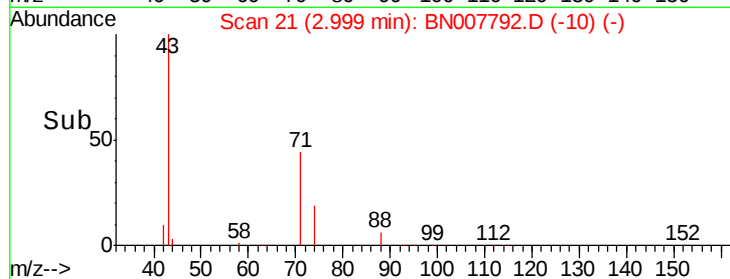
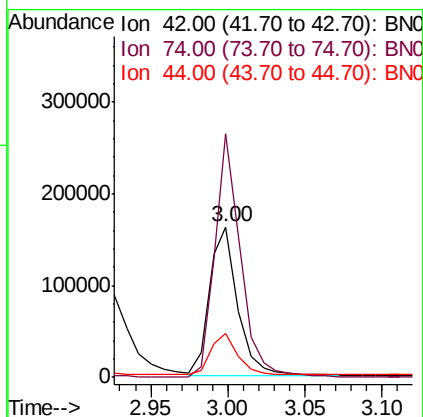
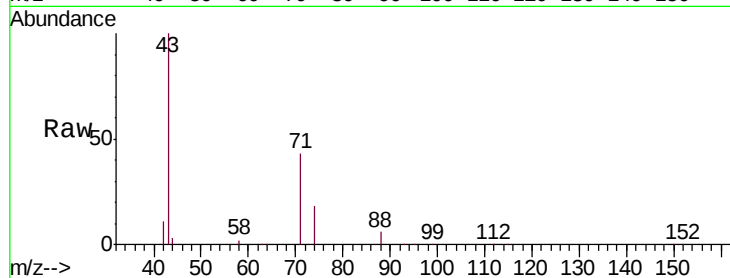




#3
n-Nitrosodimethylamine
Concen: 57.209 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007792.D
Acq: 21 Sep 2019 09:03

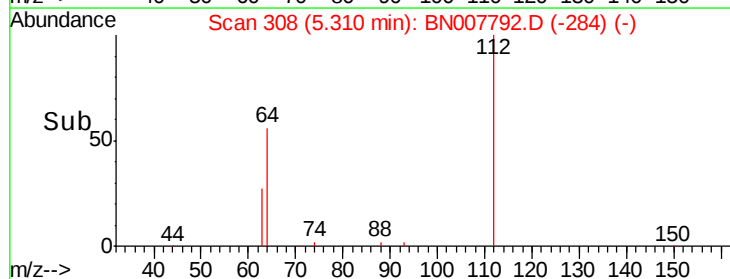
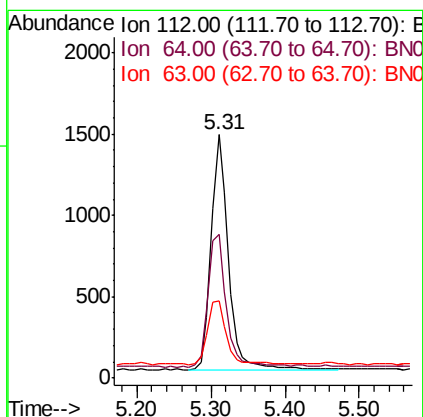
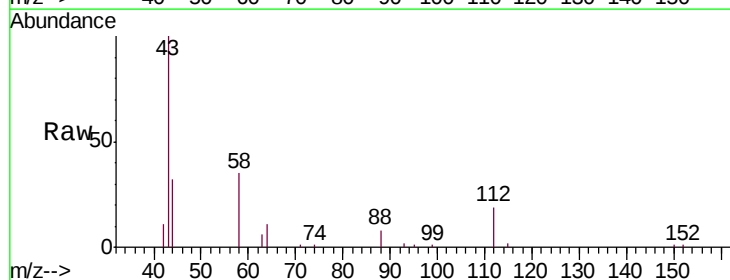
Instrument :
BNA_N
ClientSampleId :
RE109D1-20190917

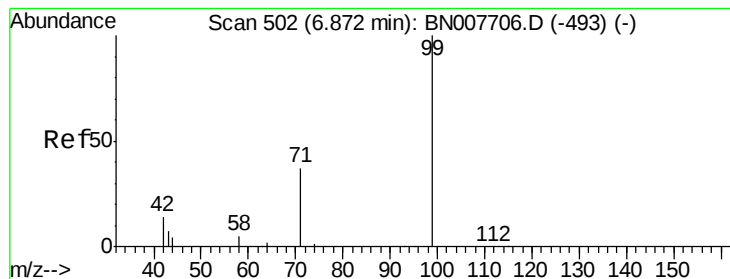
Tgt Ion: 42 Resp: 203856
Ion Ratio Lower Upper
42 100
74 151.3 87.9 131.9#
44 26.9 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007792.D
Acq: 21 Sep 2019 09:03

Tgt Ion: 112 Resp: 2355
Ion Ratio Lower Upper
112 100
64 59.1 46.6 70.0
63 27.8 23.1 34.7





#5

Phenol-d6

Concen: 0.055 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

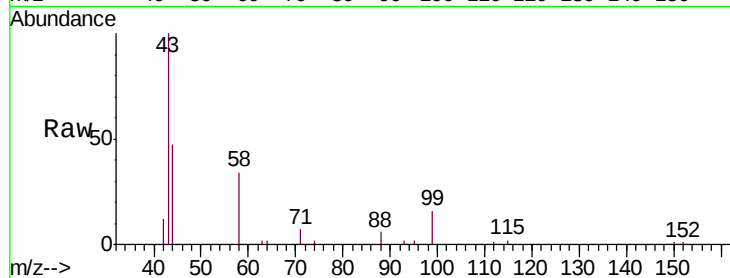
Tgt Ion: 99 Resp: 1813

Ion Ratio Lower Upper

99 100

42 24.2 12.8 19.2#

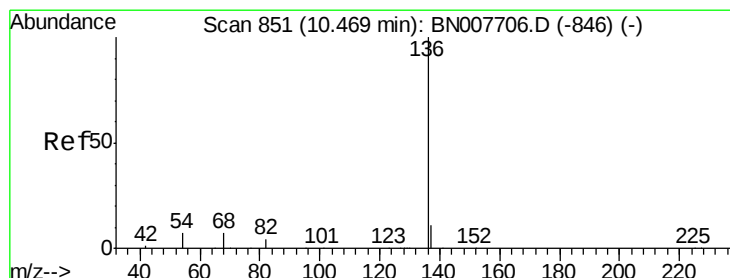
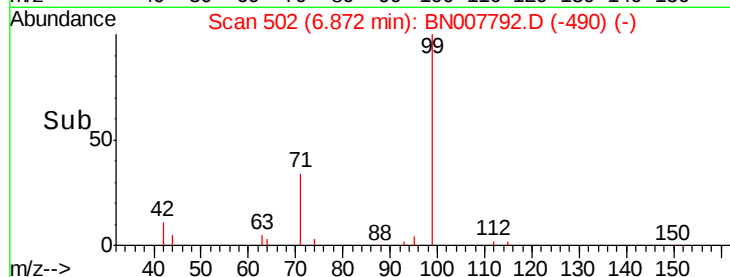
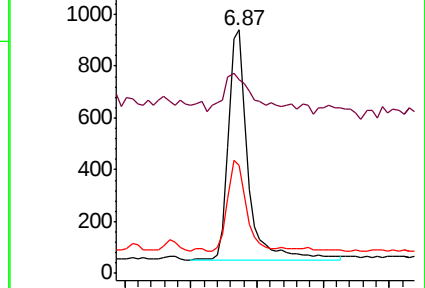
71 37.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

Ion 42.00 (41.70 to 42.70): BN007706.D (-493) (-)

Ion 71.00 (70.70 to 71.70): BN007706.D (-493) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Tgt Ion: 136 Resp: 26120

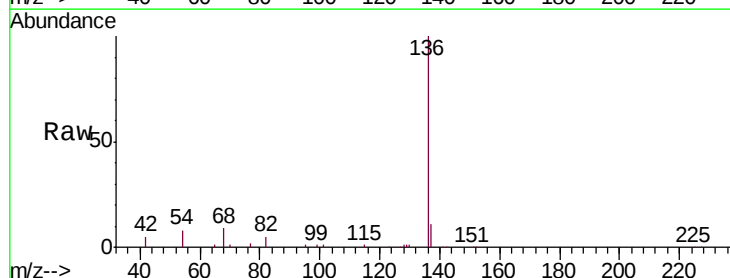
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.3 5.8 8.8

68 8.6 6.5 9.7

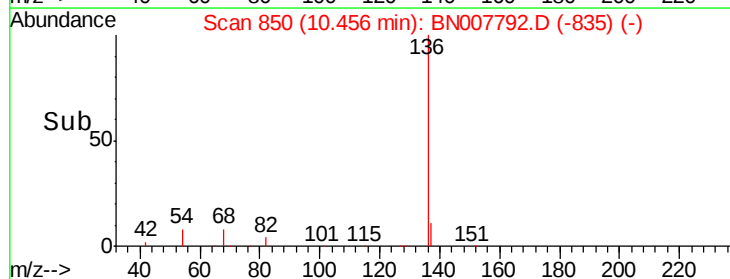
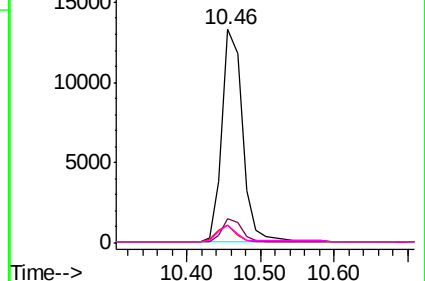


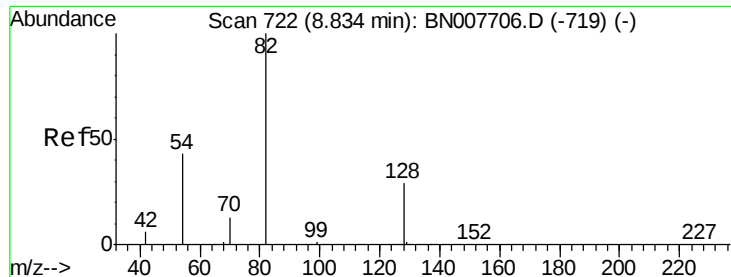
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)





#8

Nitrobenzene-d5

Concen: 0.254 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

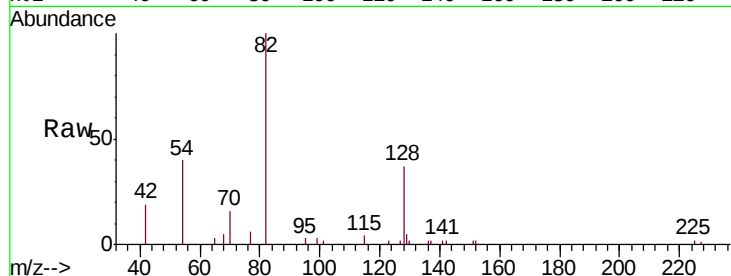
Tgt Ion: 82 Resp: 5802

Ion Ratio Lower Upper

82 100

128 36.8 24.5 36.7#

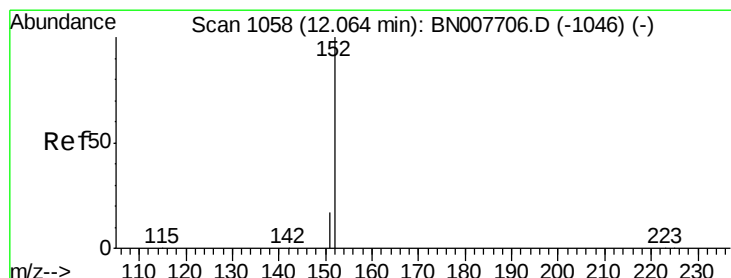
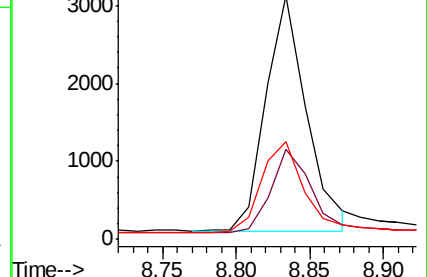
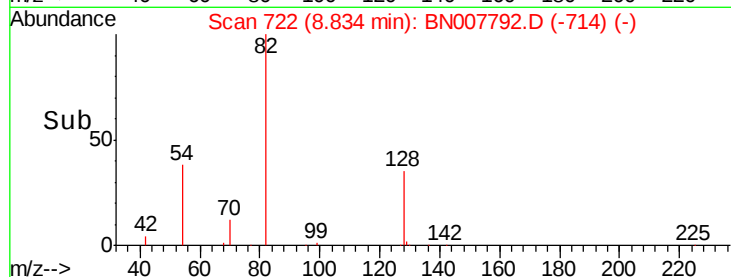
54 39.9 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007792.D

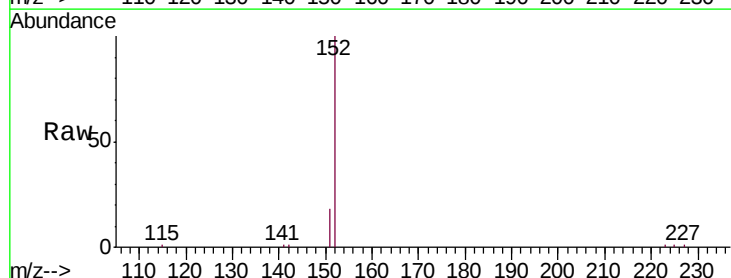
Acq: 21 Sep 2019 09:03

Tgt Ion: 152 Resp: 13984

Ion Ratio Lower Upper

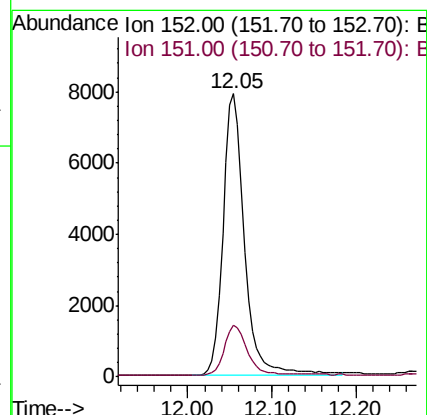
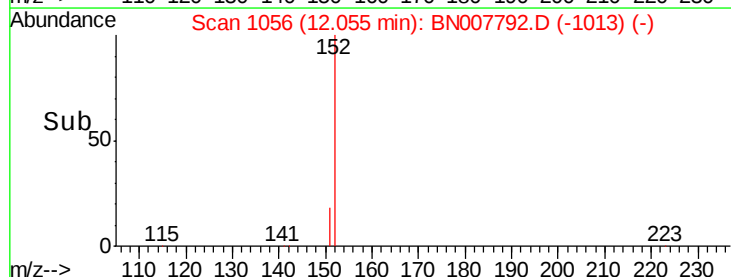
152 100

151 19.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

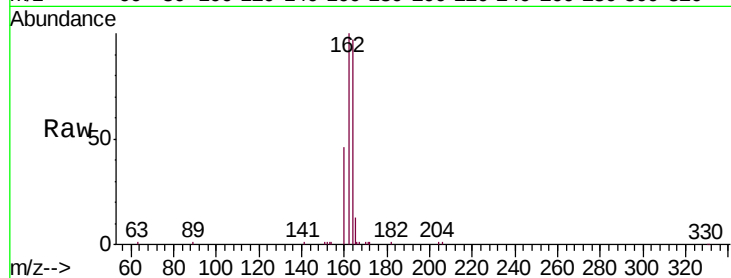
Tgt Ion:164 Resp: 15123

Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

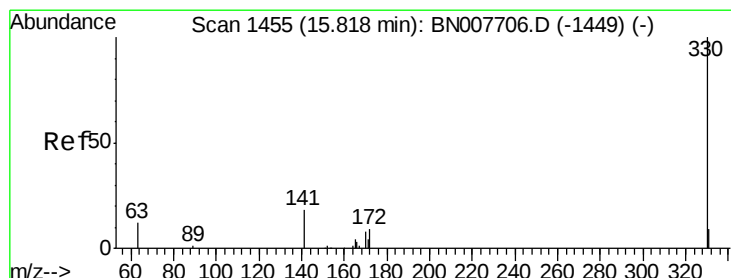
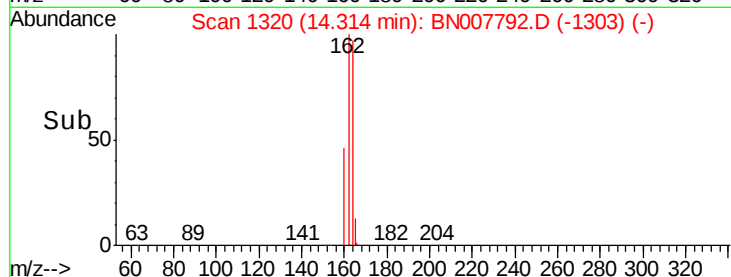
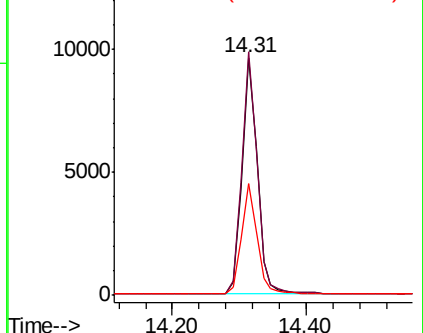
160 47.0 37.0 55.4



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: 0.179 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

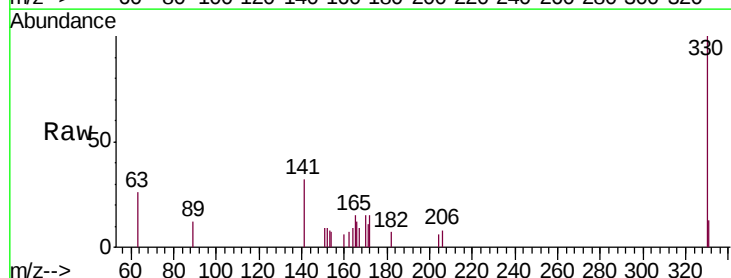
Tgt Ion:330 Resp: 1478

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

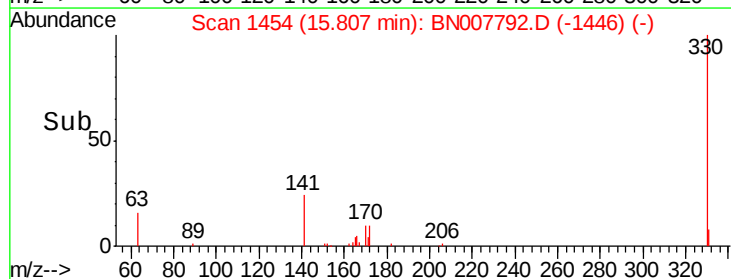
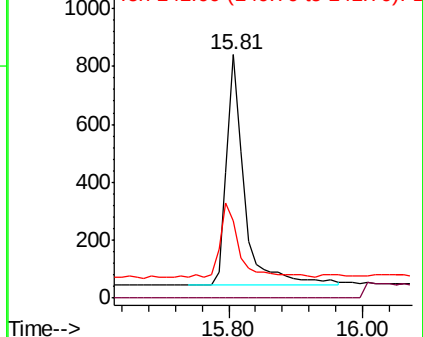
141 34.2 28.7 43.1



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

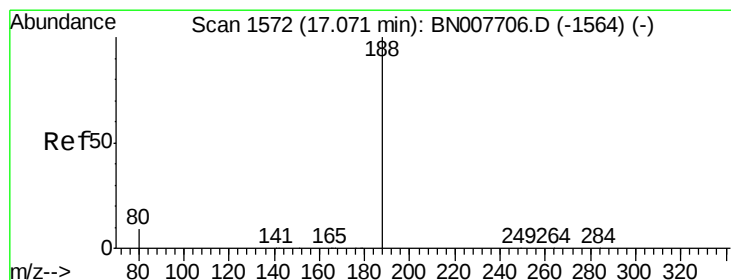
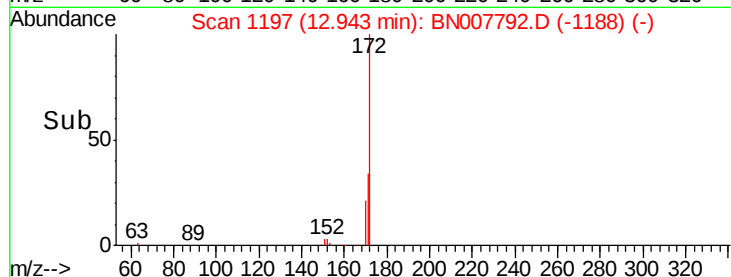
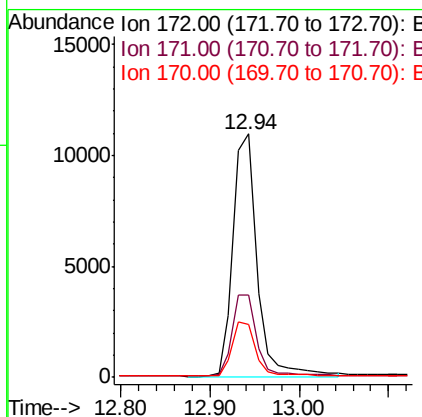
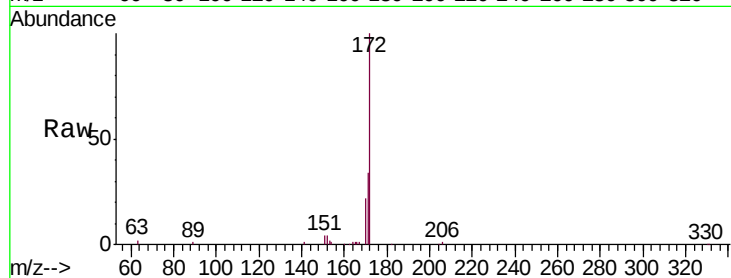




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007792.D
Acq: 21 Sep 2019 09:03

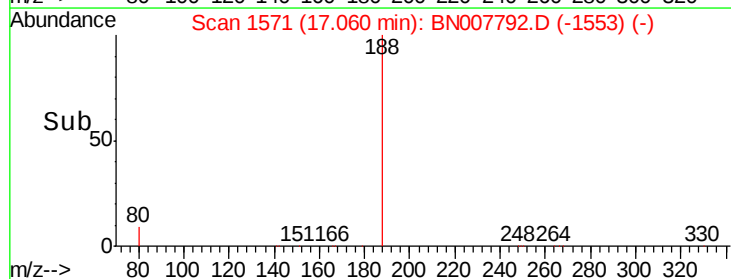
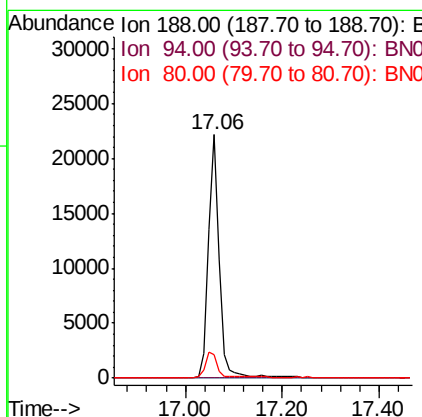
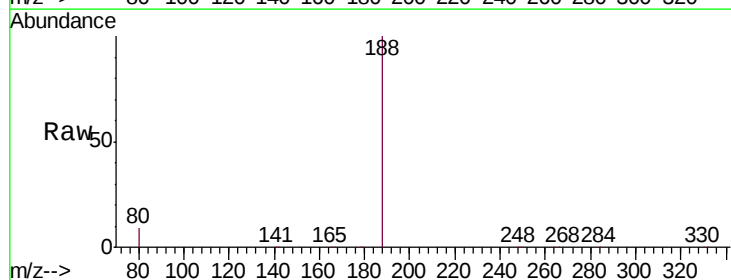
Instrument :
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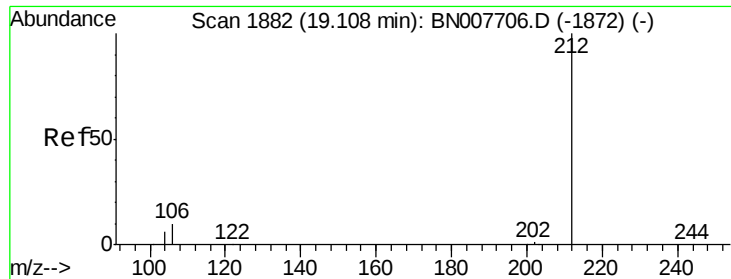
Tgt Ion:172 Resp: 20570
Ion Ratio Lower Upper
172 100
171 33.8 28.8 43.2
170 21.6 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007792.D
Acq: 21 Sep 2019 09:03

Tgt Ion:188 Resp: 34202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.325 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

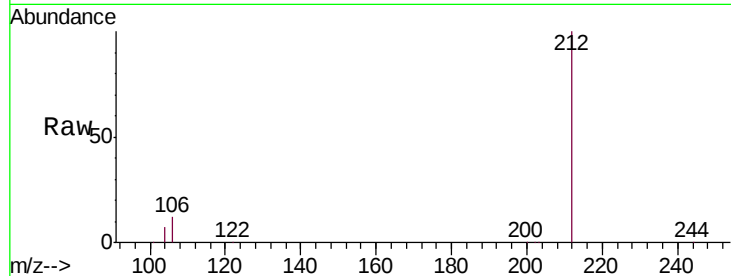
Tgt Ion:212 Resp: 37418

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

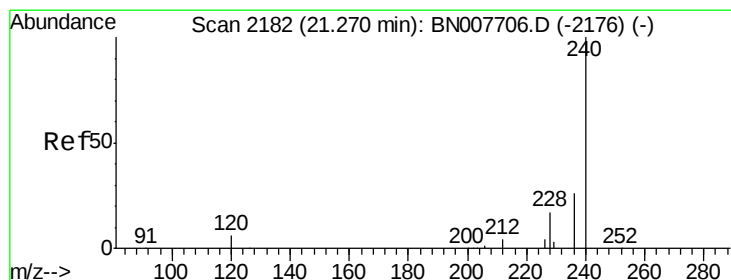
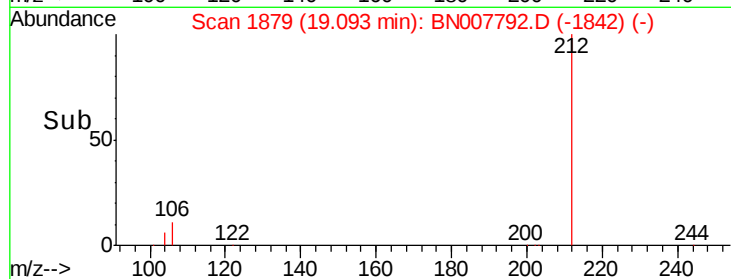
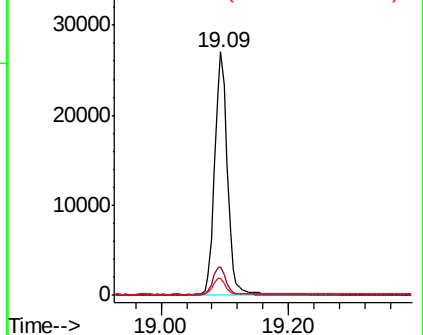
104 6.8 5.3 7.9



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: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

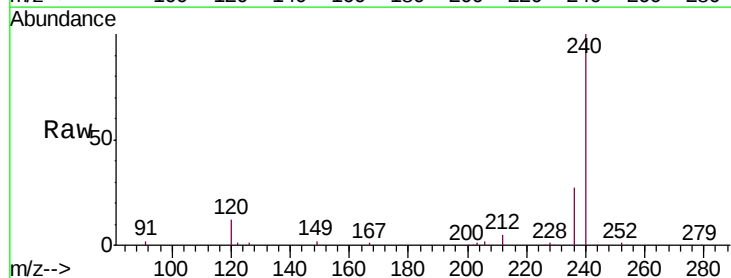
Tgt Ion:240 Resp: 36754

Ion Ratio Lower Upper

240 100

120 11.8 5.4 8.2#

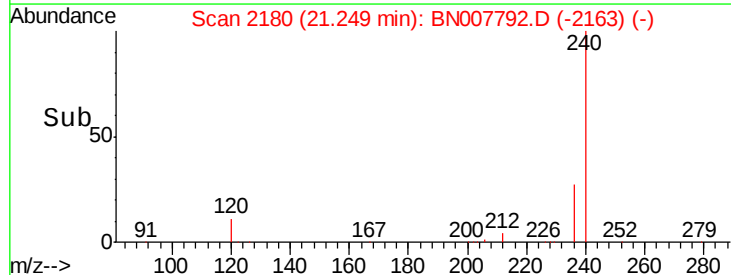
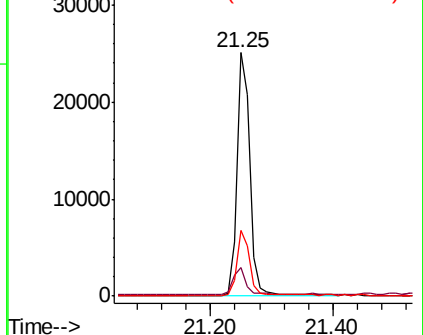
236 27.0 21.0 31.4

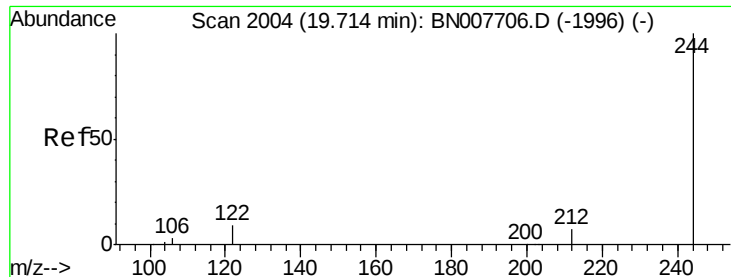


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.354 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

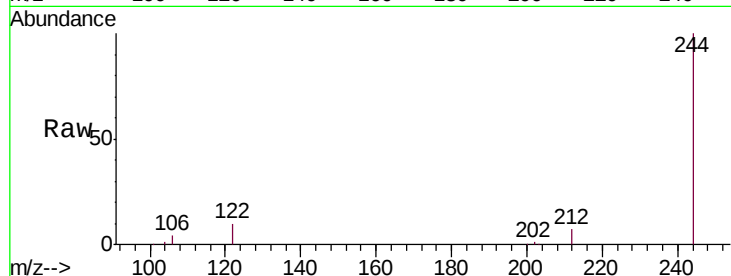
Tgt Ion:244 Resp: 31959

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

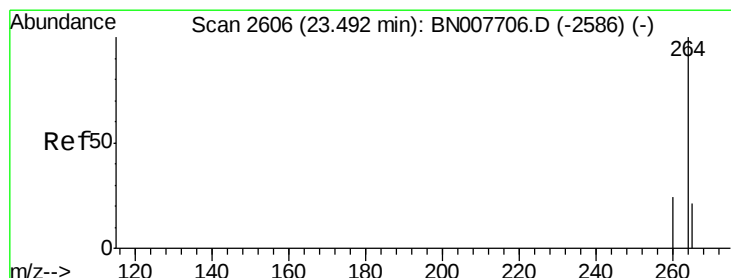
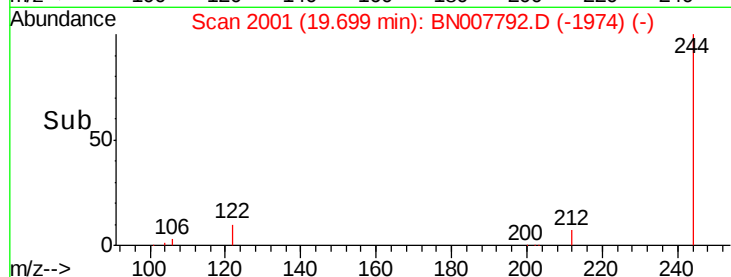
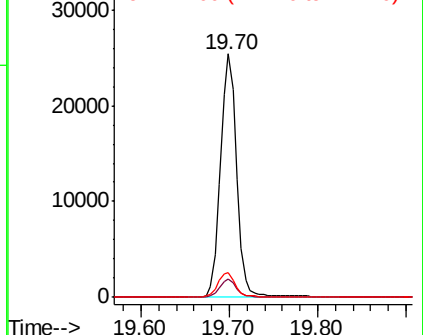
122 10.0 7.4 11.2



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

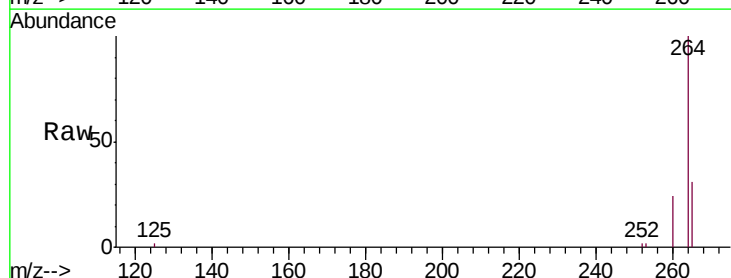
Tgt Ion:264 Resp: 39826

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 30.6 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

