

Data File : BN007794.D
Acq On : 21 Sep 2019 10:14
Operator : HP/JU
Sample : K4974-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE109D3-20190917

Quant Time: Sep 23 01:56:57 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

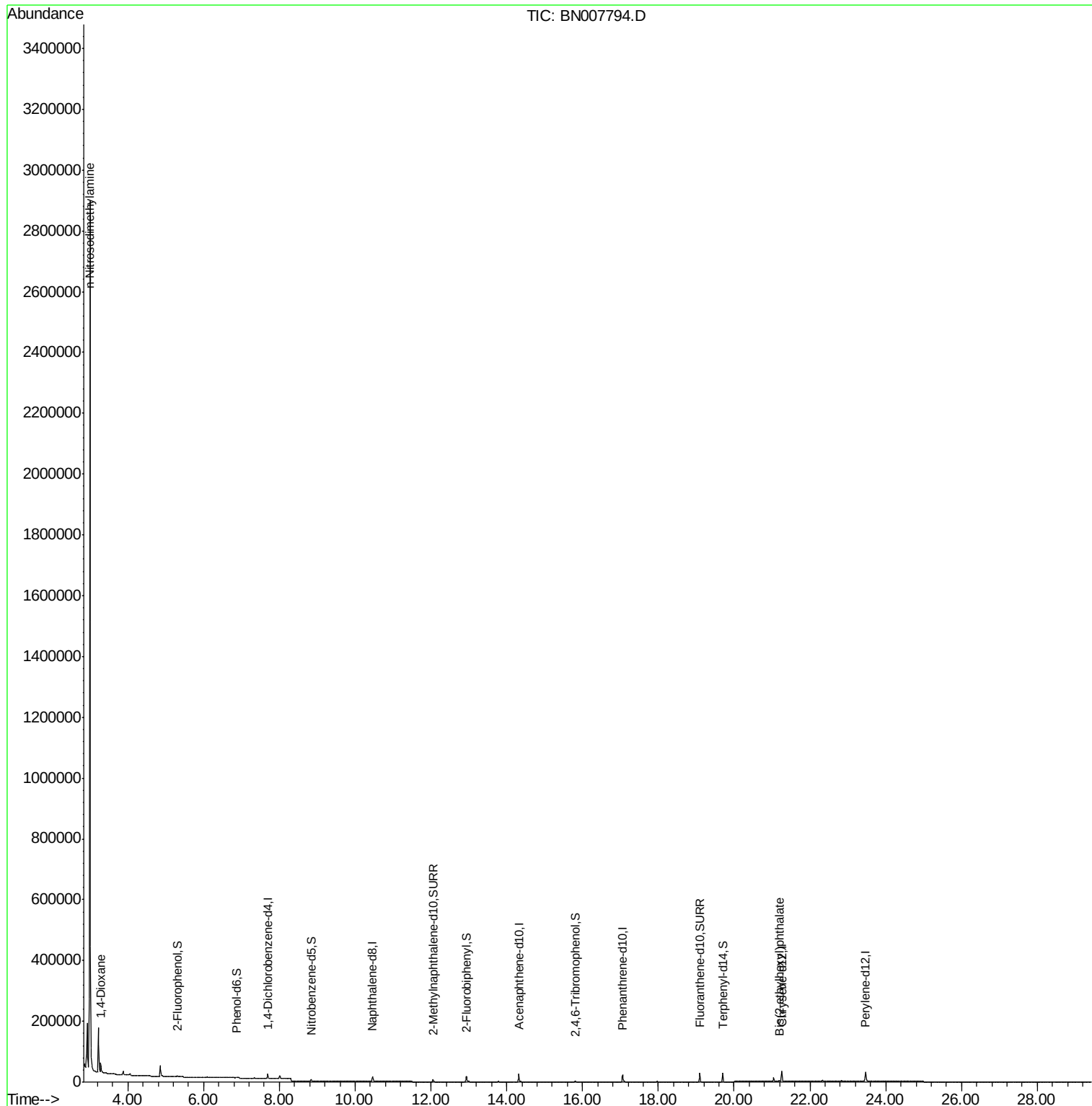
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6752	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	25294	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14600	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	32260	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	35520	0.40	ng	-0.01
34) Perylene-d12	23.47	264	40686	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2516	0.11	ng	0.00
5) Phenol-d6	6.87	99	1919	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	5861	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14189	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1396	0.18	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	20093	0.33	ng	0.00
25) Fluoranthene-d10	19.09	212	35789	0.33	ng	-0.01
29) Terphenyl-d14	19.70	244	30228	0.35	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	25970	3.451	ng	# 92
3) n-Nitrosodimethylamine	3.00	42	218060	63.262	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.19	149	1890	0.028	ng	97

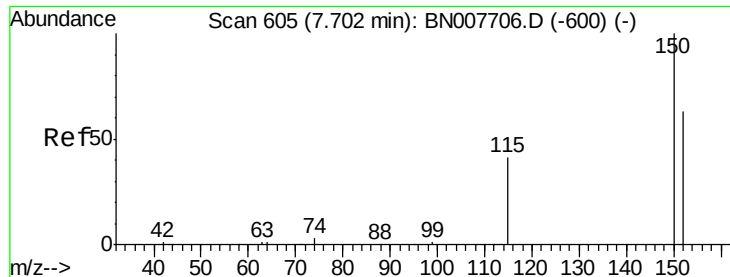
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

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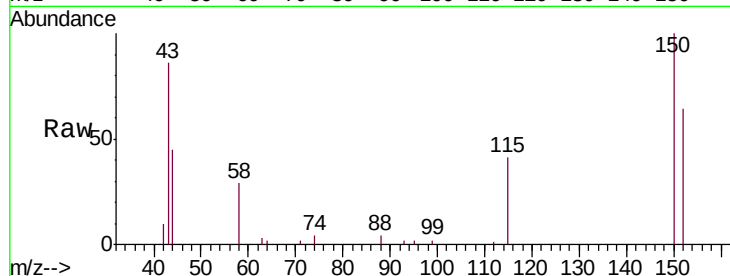
Tgt Ion:152 Resp: 6752

Ion Ratio Lower Upper

152 100

150 155.7 125.6 188.4

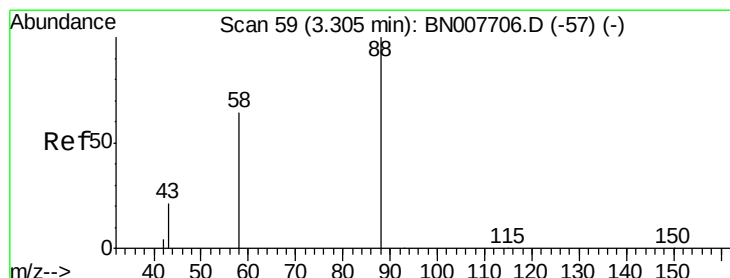
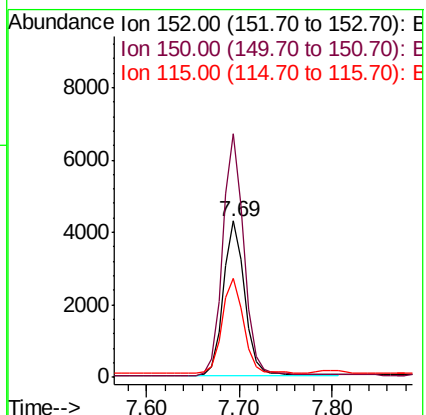
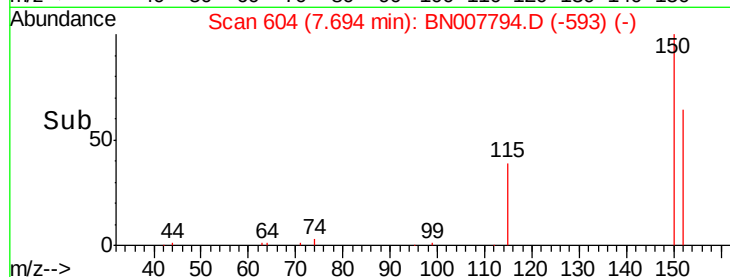
115 63.5 53.3 79.9



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: 3.451 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

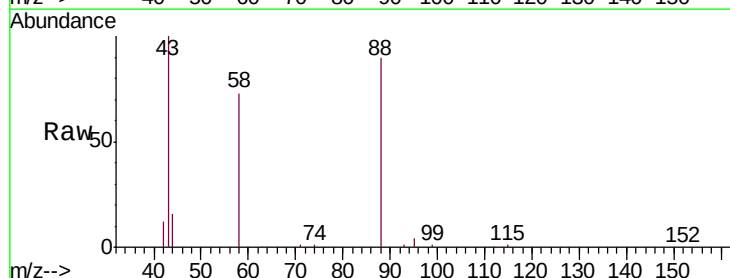
Tgt Ion: 88 Resp: 25970

Ion Ratio Lower Upper

88 100

58 60.1 44.6 66.8

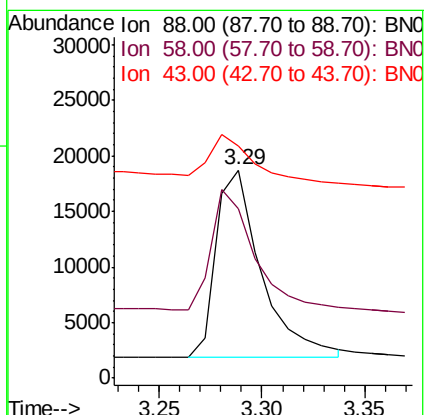
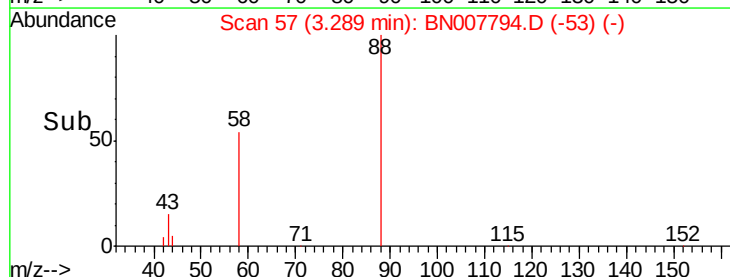
43 24.6 14.4 21.6#

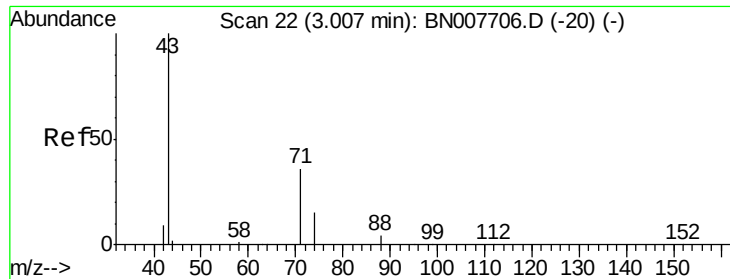


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



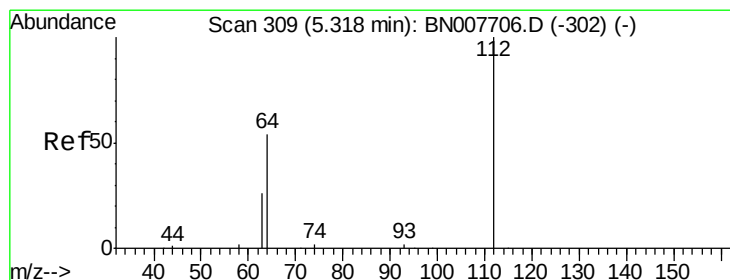
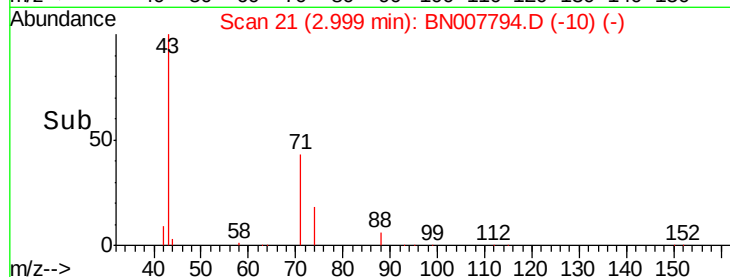
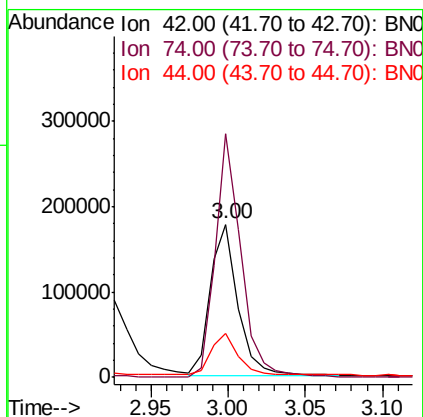
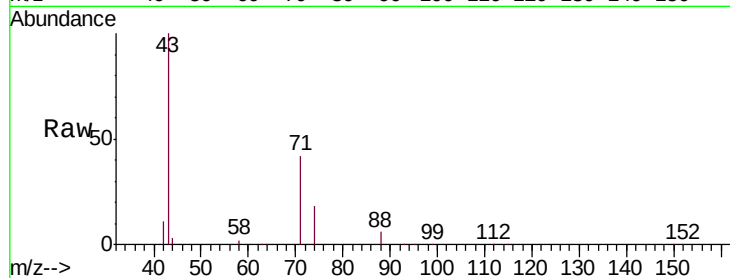


#3

n-Nitrosodimethylamine
 Concen: 63.262 ng
 RT: 3.00 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BN007794.D
 Acq: 21 Sep 2019 10:14

Instrument :
 BNA_N
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 RE109D3-20190917

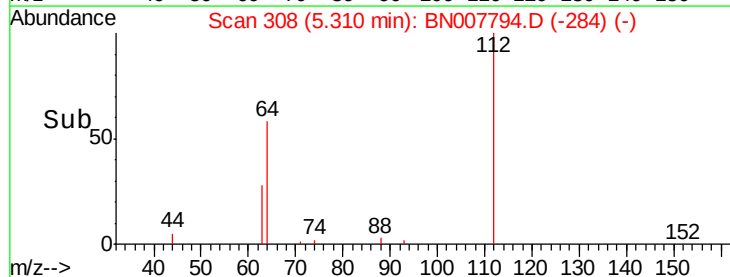
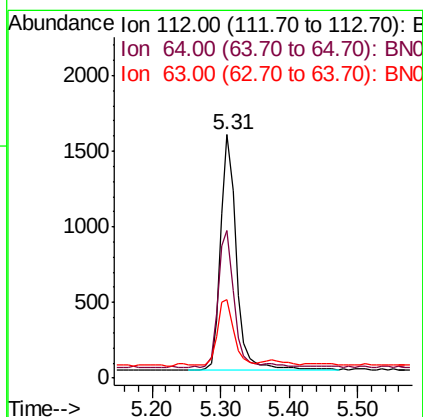
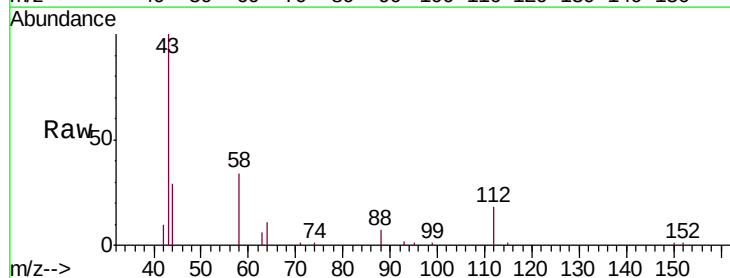
Tgt Ion: 42 Resp: 218060
 Ion Ratio Lower Upper
 42 100
 74 151.4 87.9 131.9#
 44 27.0 29.4 44.0#

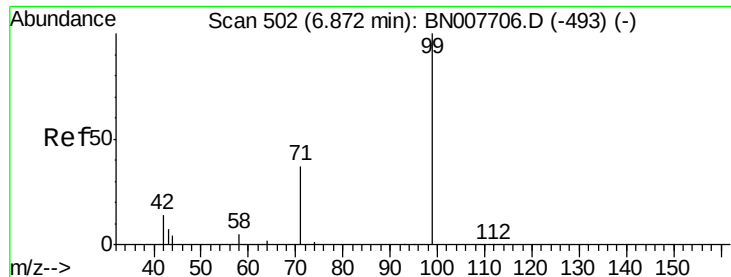


#4

2-Fluorophenol
 Concen: 0.108 ng
 RT: 5.31 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: BN007794.D
 Acq: 21 Sep 2019 10:14

Tgt Ion: 112 Resp: 2516
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.6 70.0
 63 29.1 23.1 34.7





#5

Phenol-d6

Concen: 0.061 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

Instrument :

BNA_N

ClientSampleId :

RE109D3-20190917

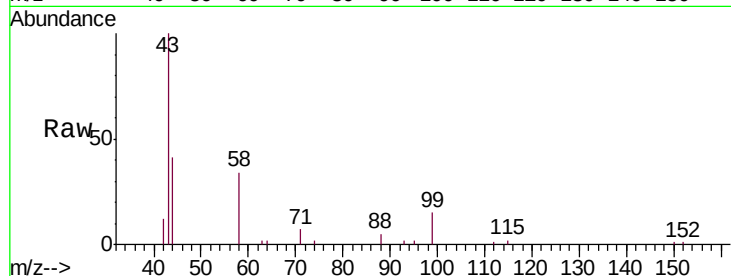
Tgt Ion: 99 Resp: 1919

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

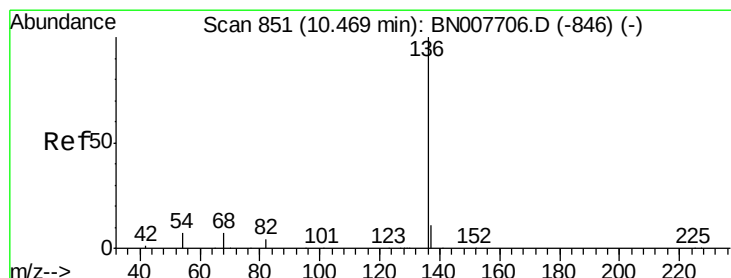
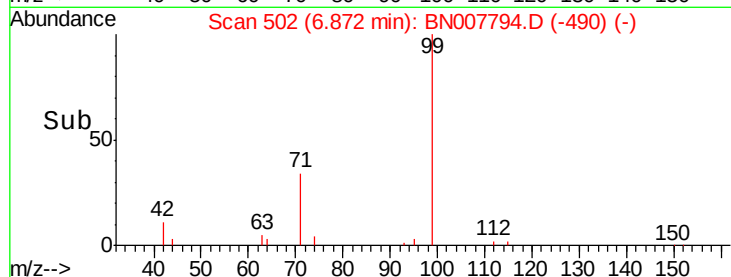
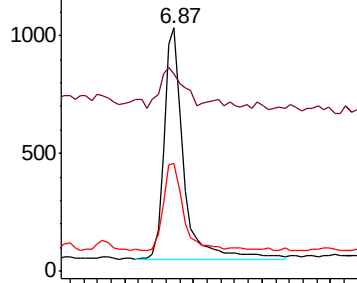
71 40.9 27.6 41.4



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: BN007794.D

Acq: 21 Sep 2019 10:14

Tgt Ion: 136 Resp: 25294

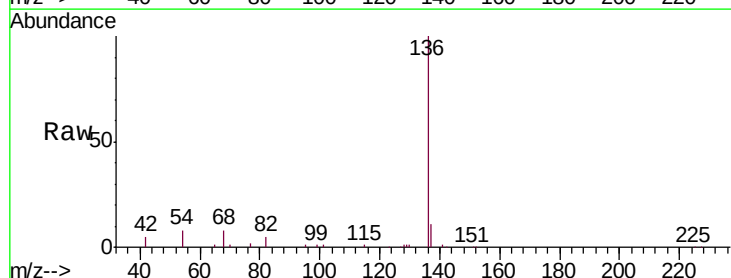
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.9 5.8 8.8

68 8.4 6.5 9.7

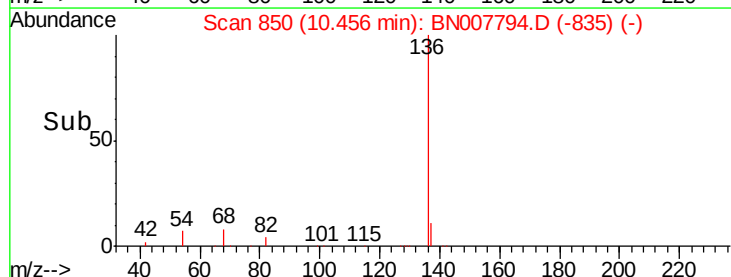
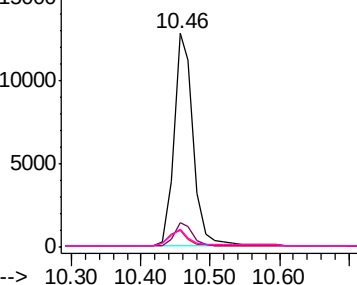


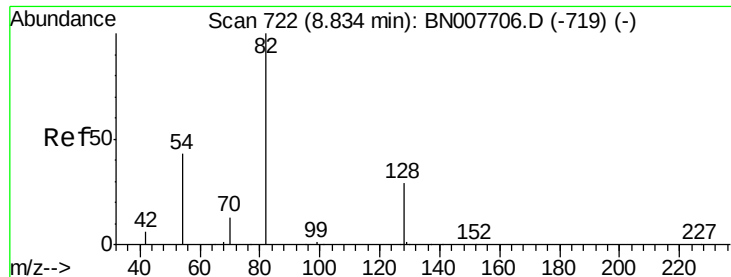
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.265 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

Instrument :

BNA_N

ClientSampleId :

RE109D3-20190917

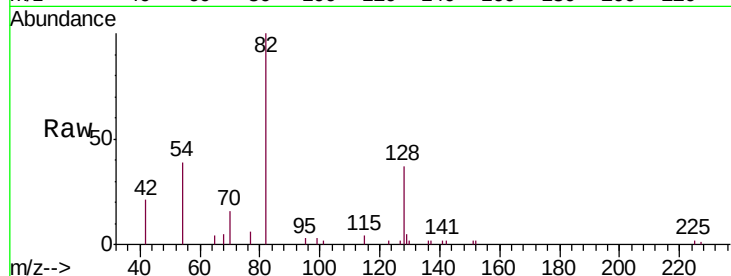
Tgt Ion: 82 Resp: 5861

Ion Ratio Lower Upper

82 100

128 37.2 24.5 36.7#

54 38.6 35.2 52.8

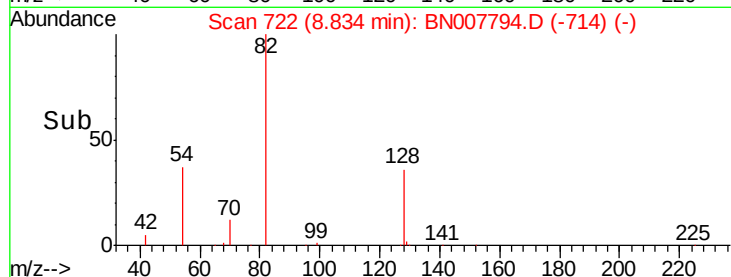


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

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

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

Time-->

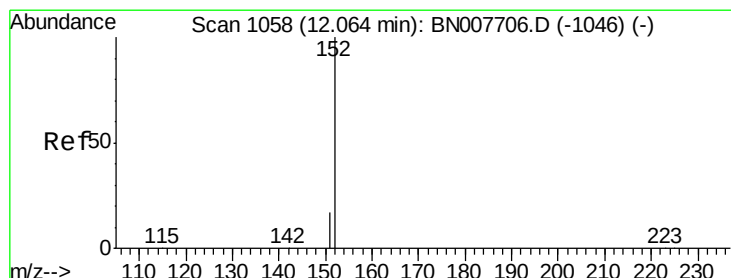


Abundance Ion 82.00 (81.70 to 82.70): BN007794.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN007794.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN007794.D (-714) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007794.D

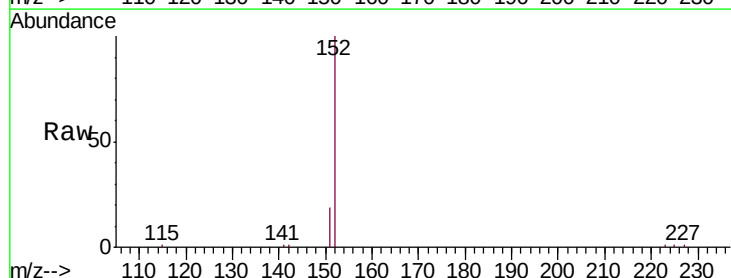
Acq: 21 Sep 2019 10:14

Tgt Ion: 152 Resp: 14189

Ion Ratio Lower Upper

152 100

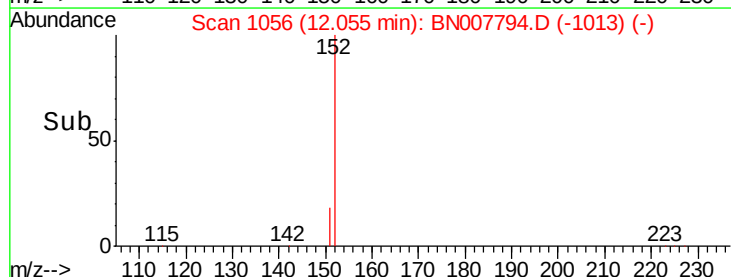
151 18.7 15.4 23.2



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

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

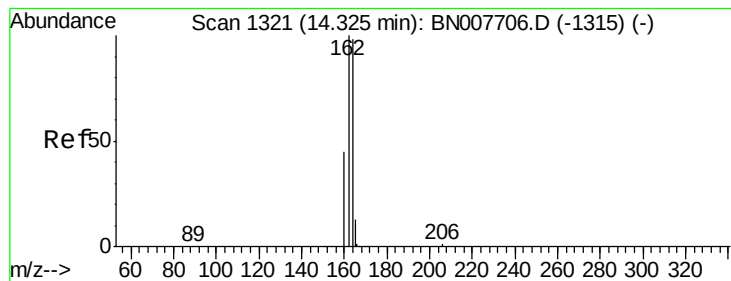
Time-->



Abundance Ion 152.00 (151.70 to 152.70): BN007794.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007794.D (-1013) (-)

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

Instrument :

BNA_N

ClientSampleId :

RE109D3-20190917

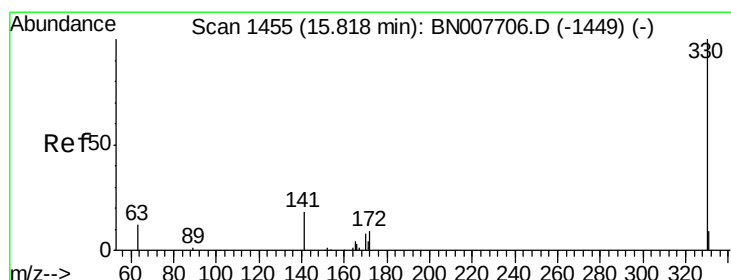
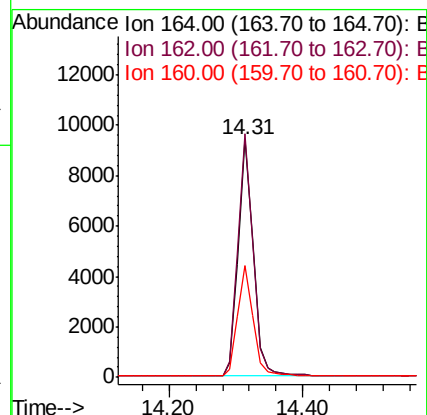
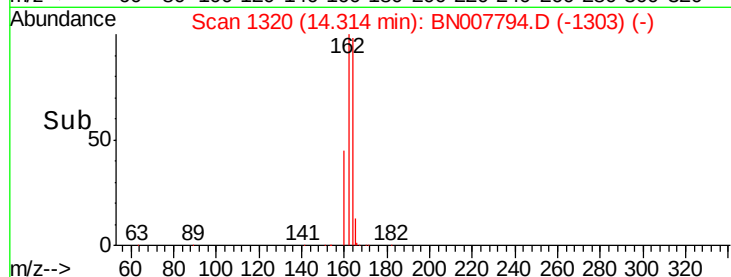
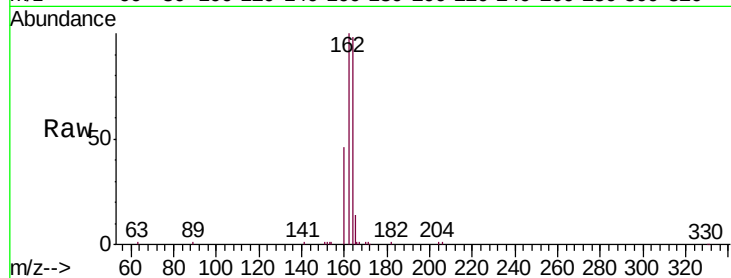
Tgt Ion:164 Resp: 14600

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

160 46.7 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.176 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

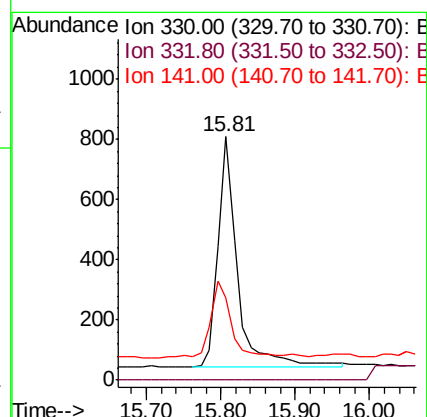
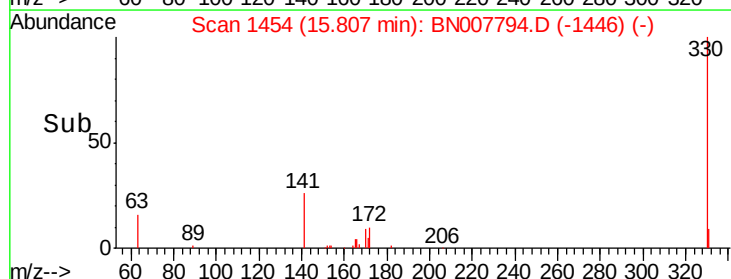
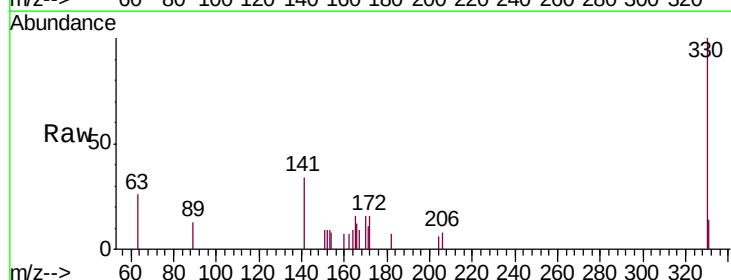
Tgt Ion:330 Resp: 1396

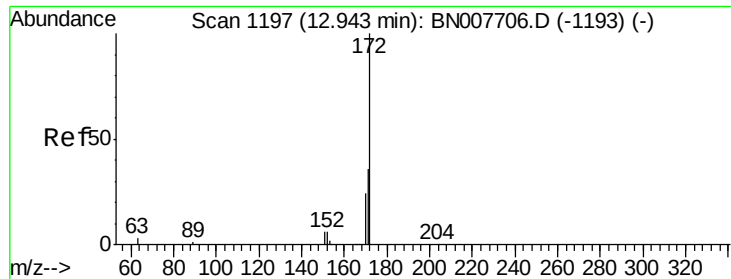
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.3 28.7 43.1

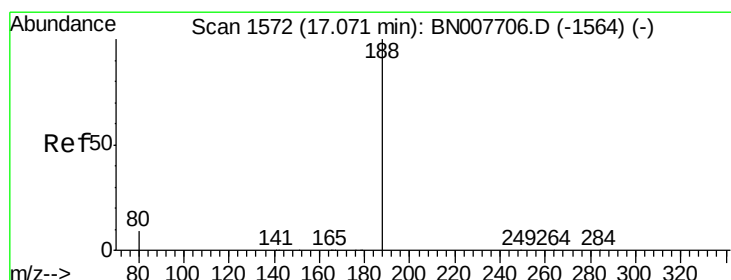
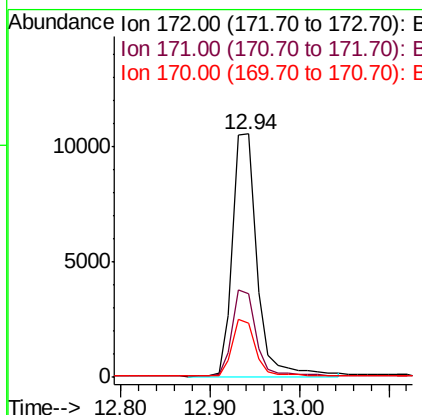
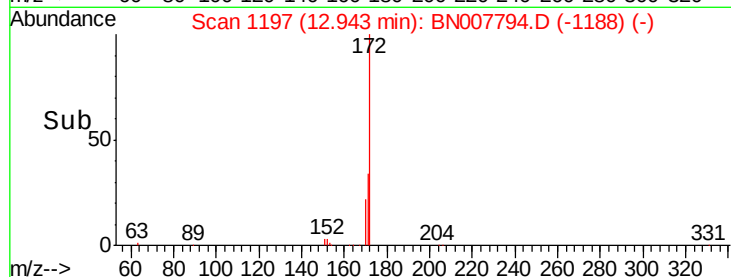
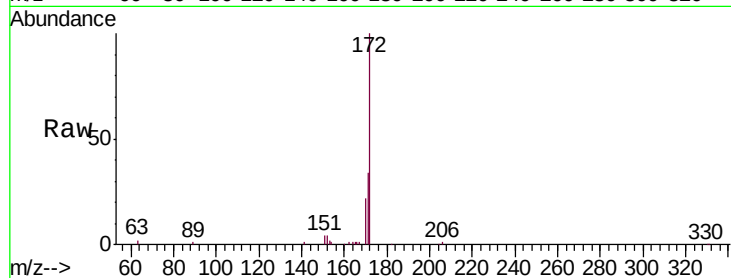




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007794.D
Acq: 21 Sep 2019 10:14

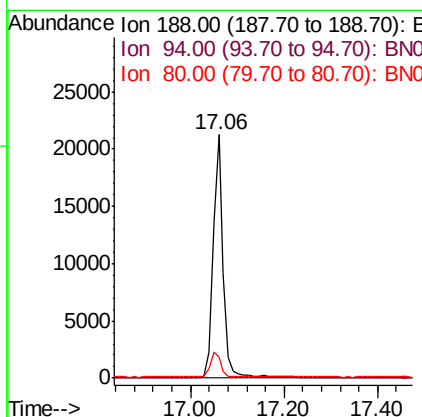
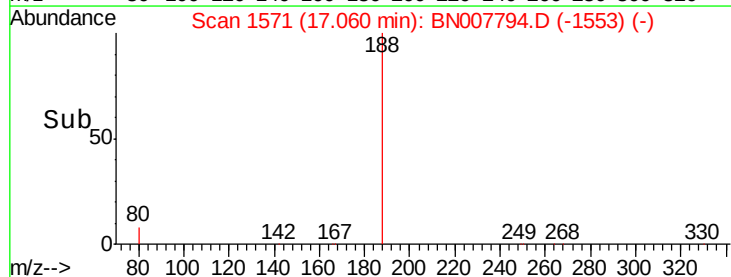
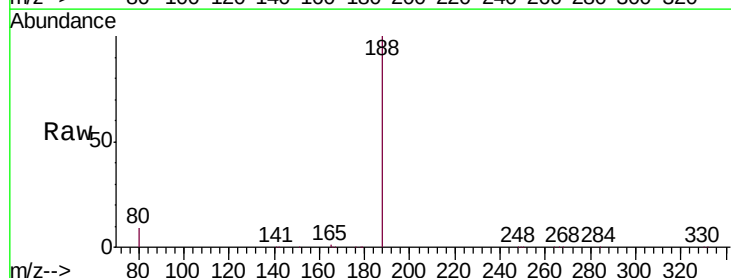
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RE109D3-20190917

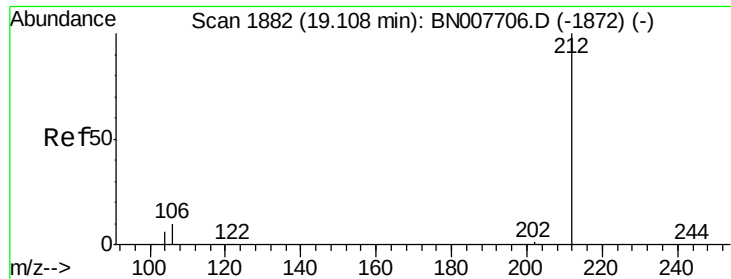
Tgt Ion:172 Resp: 20093
Ion Ratio Lower Upper
172 100
171 34.2 28.8 43.2
170 22.0 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007794.D
Acq: 21 Sep 2019 10:14

Tgt Ion:188 Resp: 32260
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.4 11.2

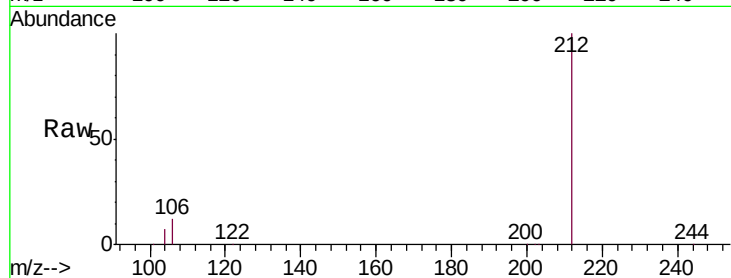




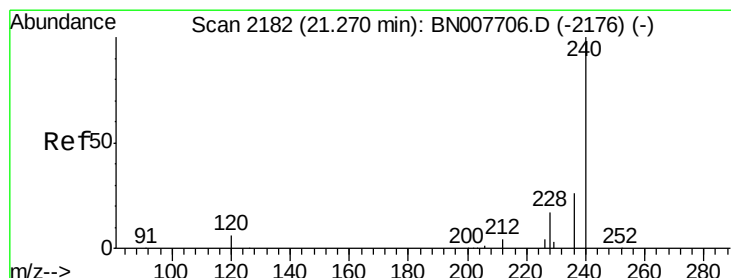
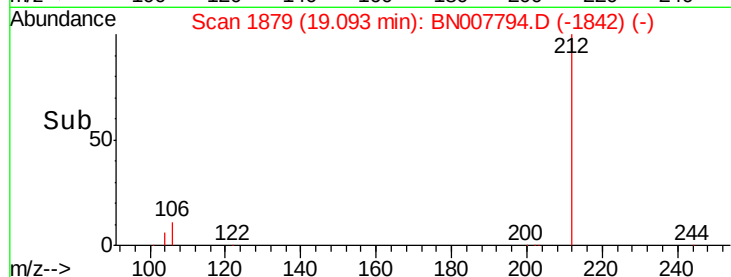
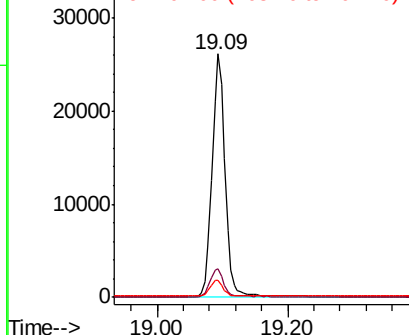
#25
 Fluoranthene-d10
 Concen: 0.329 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007794.D
 Acq: 21 Sep 2019 10:14

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20190917

Tgt Ion:212 Resp: 35789
 Ion Ratio Lower Upper
 212 100
 106 11.7 9.4 14.0
 104 6.6 5.3 7.9

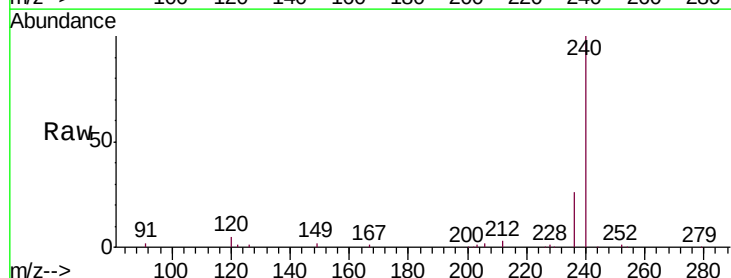


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

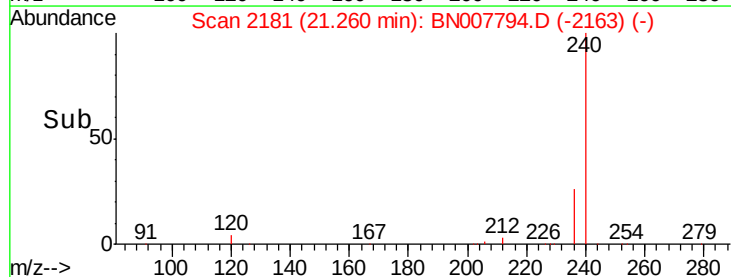
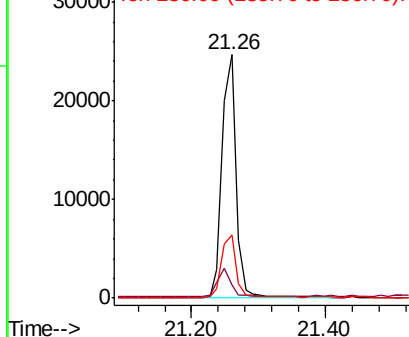


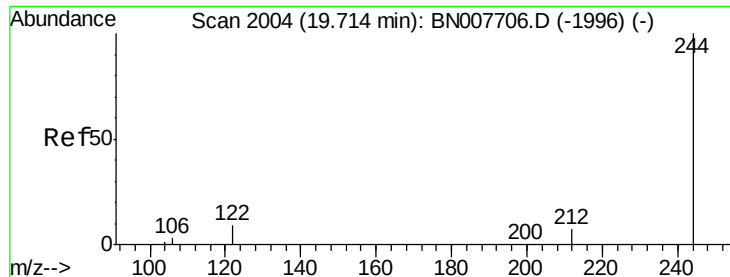
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN007794.D
 Acq: 21 Sep 2019 10:14

Tgt Ion:240 Resp: 35520
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.4 8.2#
 236 25.9 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: 0.346 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

Instrument :

BNA_N

ClientSampleId :

RE109D3-20190917

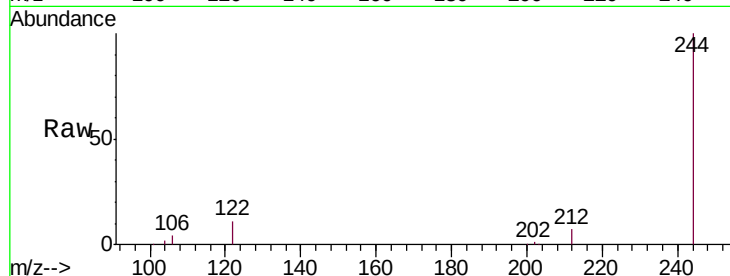
Tgt Ion:244 Resp: 30228

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

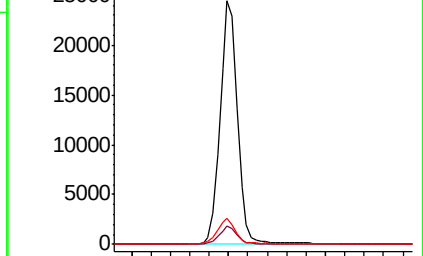
122 10.7 7.4 11.2



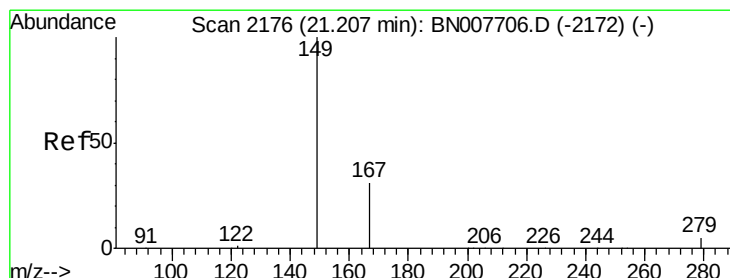
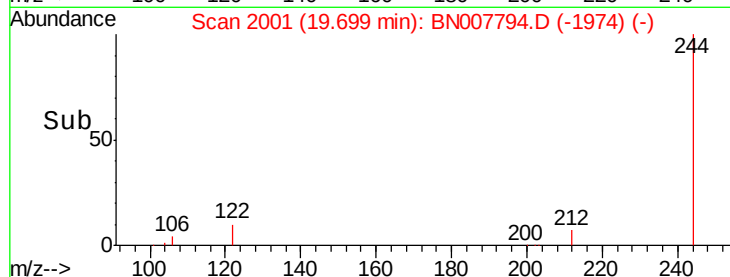
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

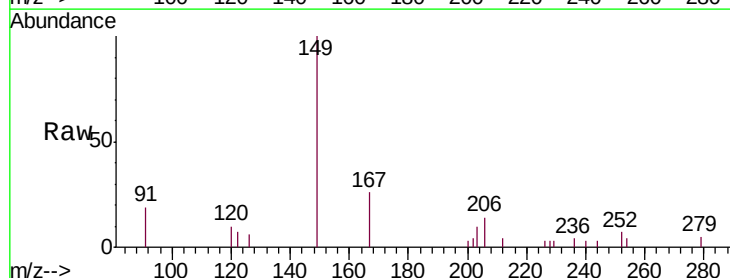
Tgt Ion:149 Resp: 1890

Ion Ratio Lower Upper

149 100

167 28.1 23.7 35.5

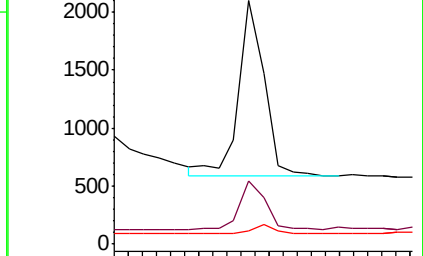
279 4.7 4.2 6.2



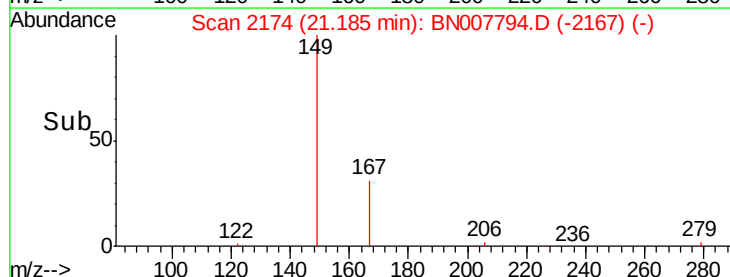
Abundance Ion 149.00 (148.70 to 149.70): E

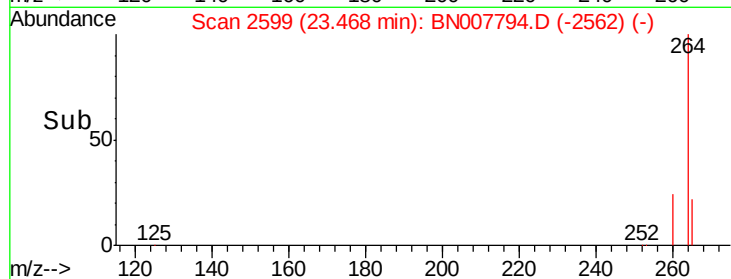
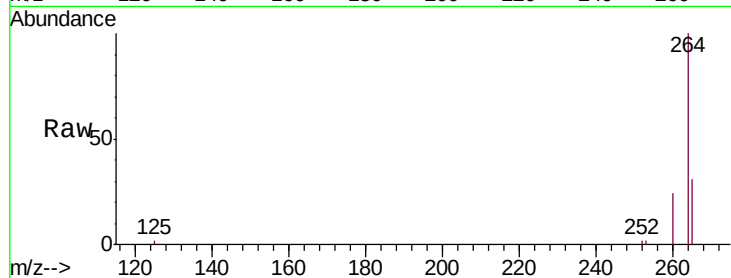
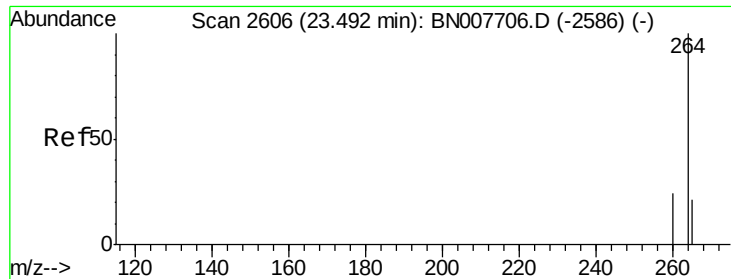
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.47 min Scan# 2599

Delta R.T. -0.02 min

Lab File: BN007794.D

Acq: 21 Sep 2019 10:14

Instrument :

BNA_N

ClientSampleId :

RE109D3-20190917

Tgt Ion:264 Resp: 40686

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 30.6 26.9 40.3

