

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 01:56:43 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

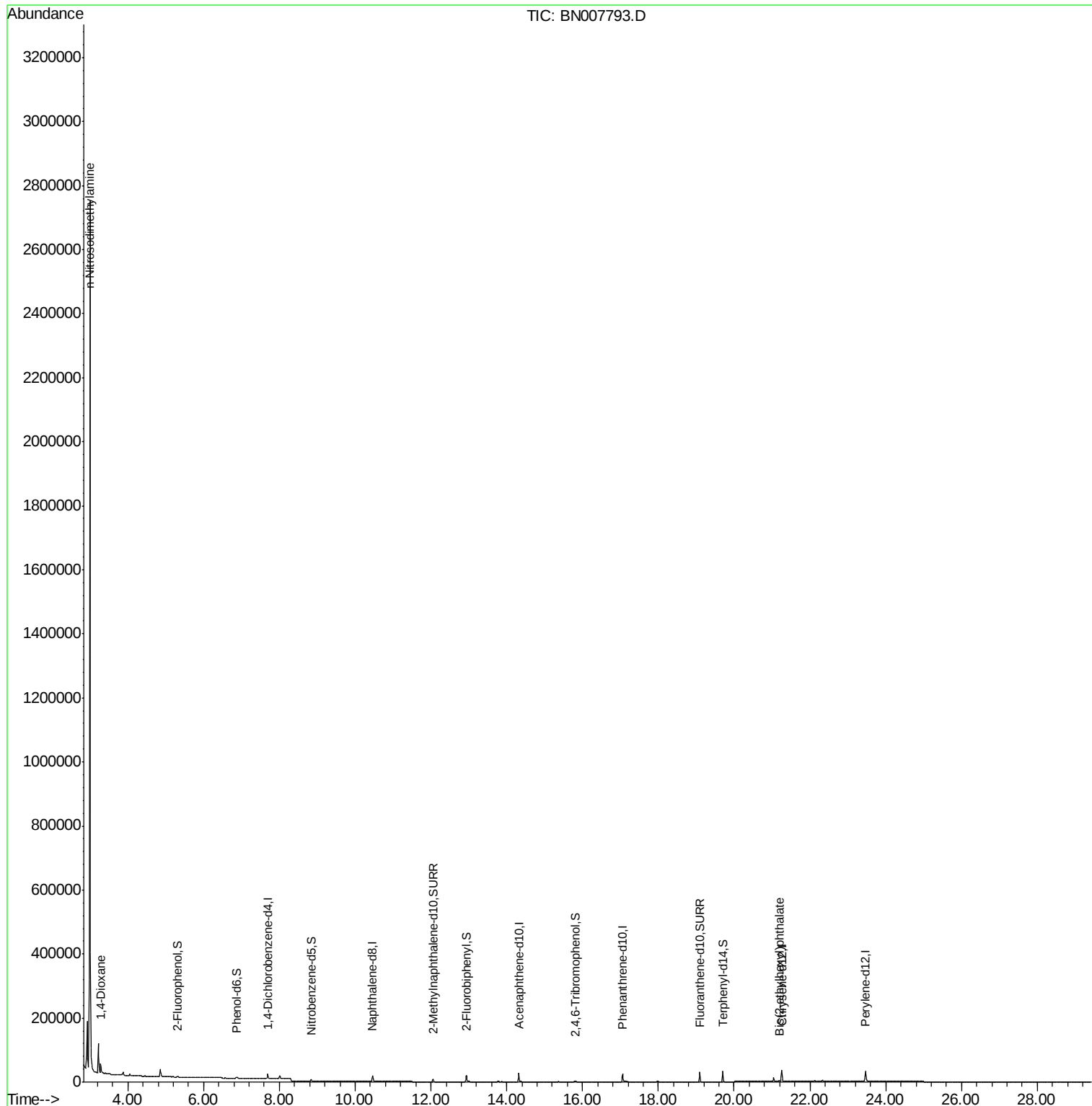
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	23847	3.048	ng	# 91
3) n-Nitrosodimethylamine	3.00	42	213343	59.539	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	2283	0.032	ng	97

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

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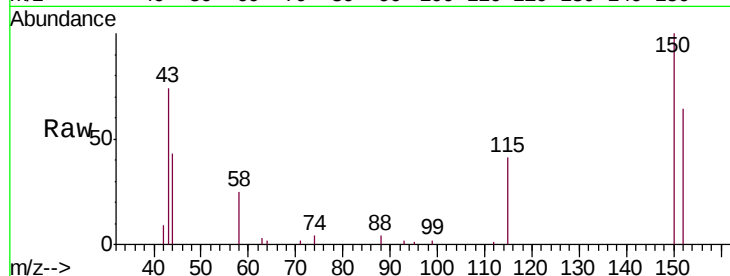


#1

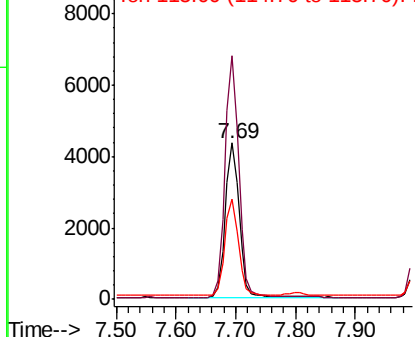
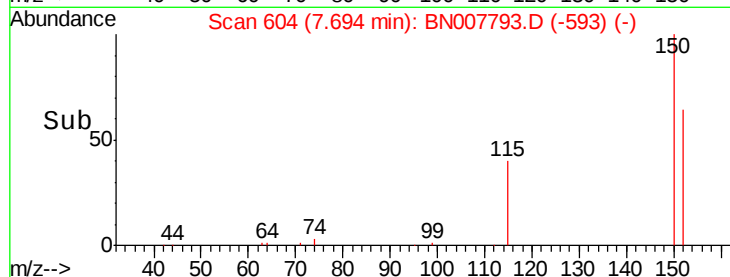
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007793.D
Acq: 21 Sep 2019 09:39

Instrument :
BNA_N
ClientSampleId :
RE109D2-20190917

Tgt Ion: 152 Resp: 7019
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 64.4 53.3 79.9



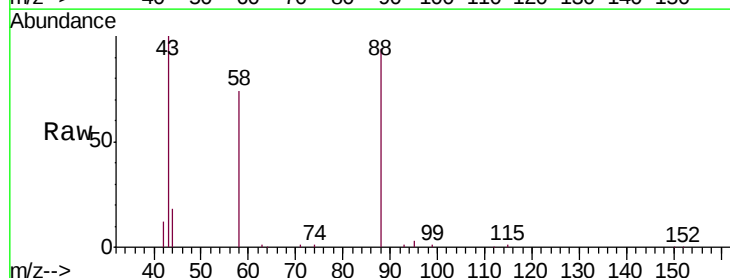
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



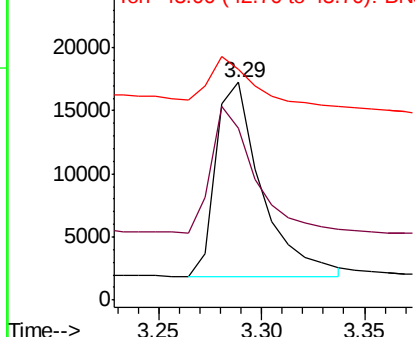
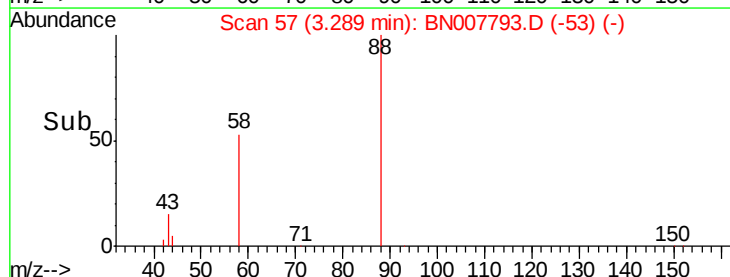
#2

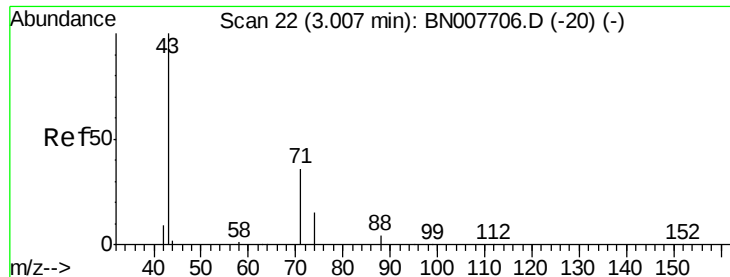
1,4-Dioxane
Concen: 3.048 ng
RT: 3.29 min Scan# 57
Delta R.T. -0.02 min
Lab File: BN007793.D
Acq: 21 Sep 2019 09:39

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





#3

n-Nitrosodimethylamine

Concen: 59.539 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

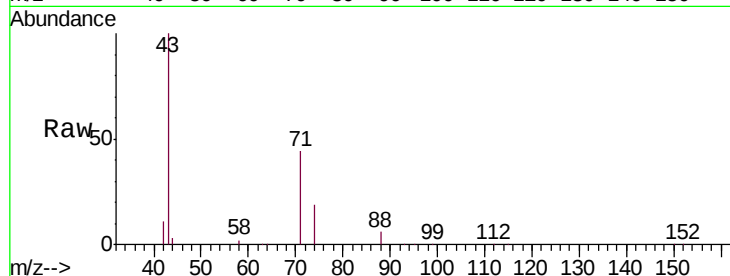
Tgt Ion: 42 Resp: 213343

Ion Ratio Lower Upper

42 100

74 150.3 87.9 131.9#

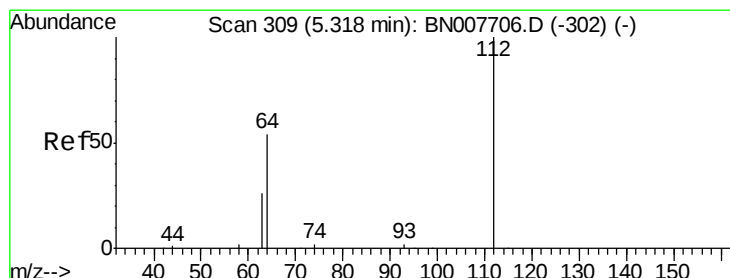
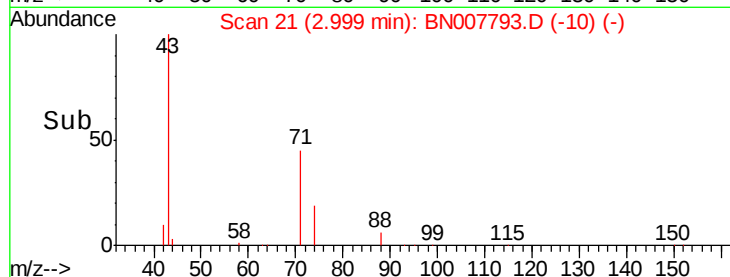
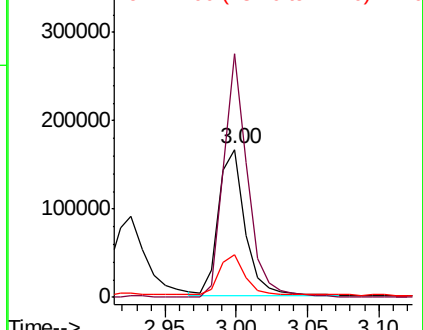
44 26.6 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#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

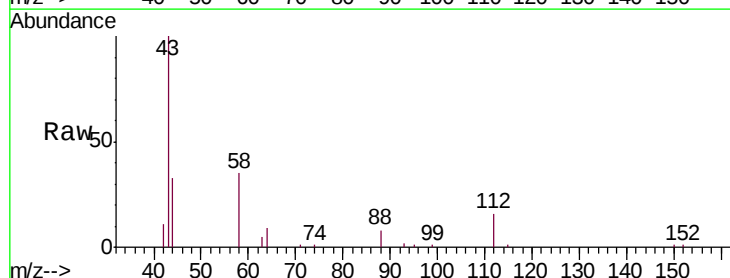
Tgt Ion: 112 Resp: 1968

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

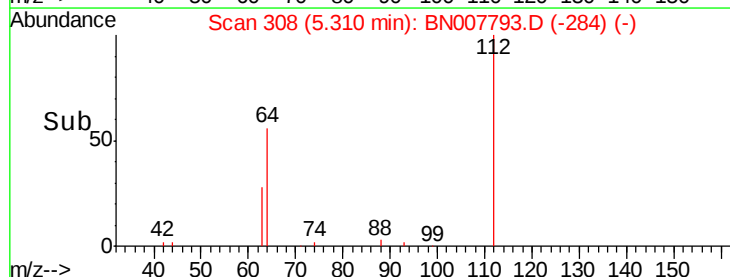
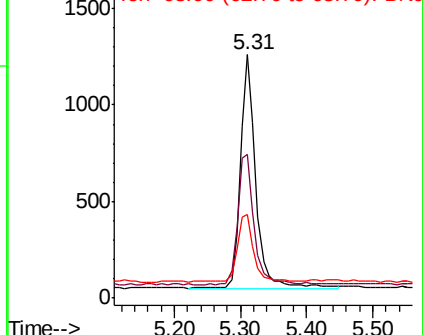
63 30.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#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

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

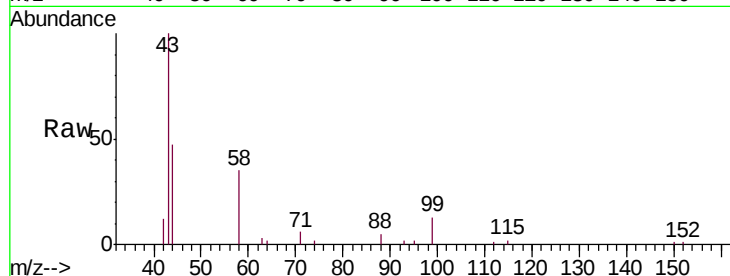
Tgt Ion: 99 Resp: 1512

Ion Ratio Lower Upper

99 100

42 28.0 12.8 19.2#

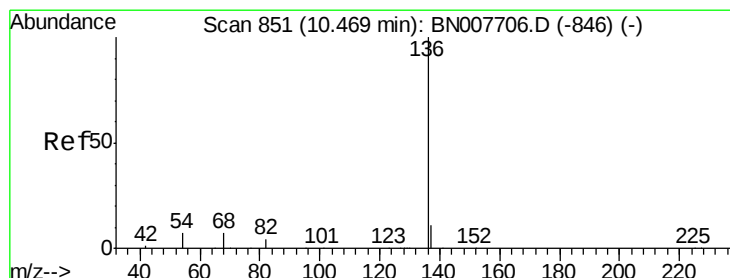
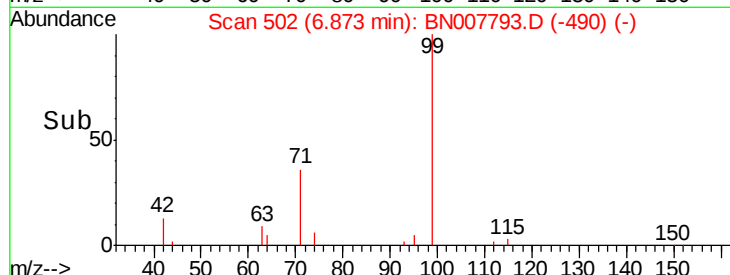
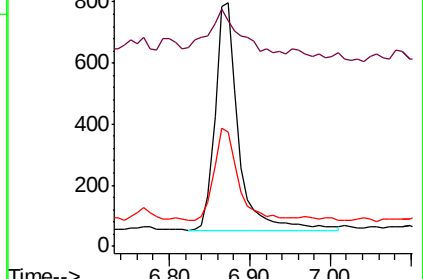
71 40.7 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): 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: BN007793.D

Acq: 21 Sep 2019 09:39

Tgt Ion: 136 Resp: 26125

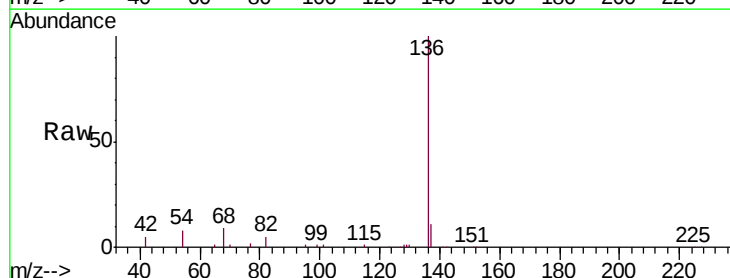
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.3 5.8 8.8

68 9.0 6.5 9.7

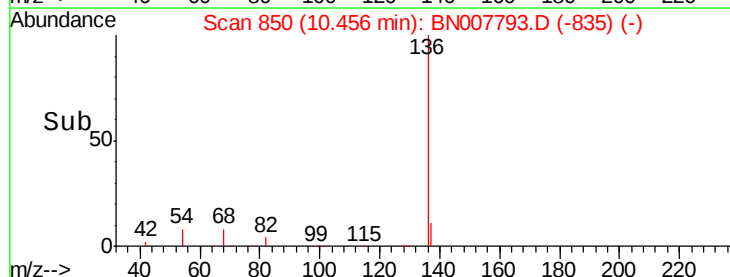
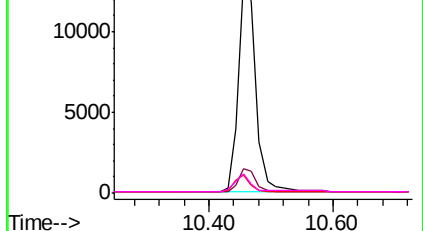


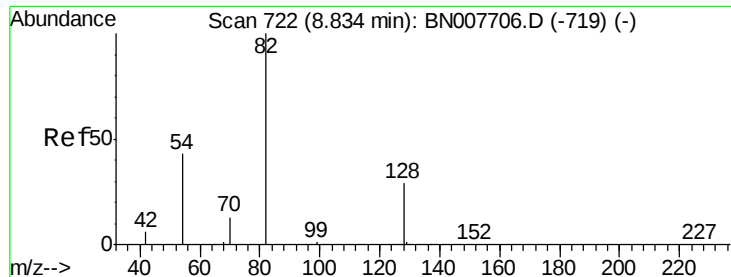
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.245 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

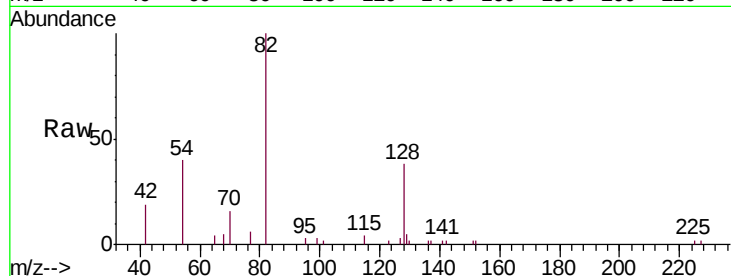
Tgt Ion: 82 Resp: 5607

Ion Ratio Lower Upper

82 100

128 37.8 24.5 36.7#

54 40.2 35.2 52.8

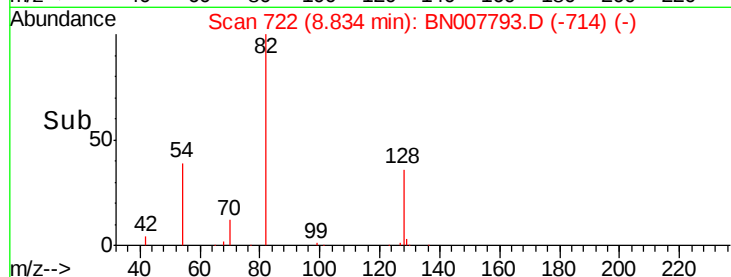


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

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

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

Time-->

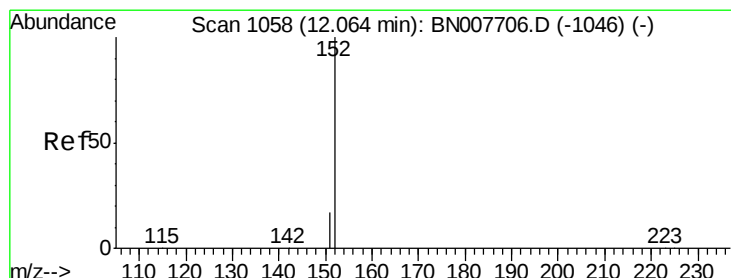


Abundance Ion 82.00 (81.70 to 82.70): BN007793.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN007793.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN007793.D (-714) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007793.D

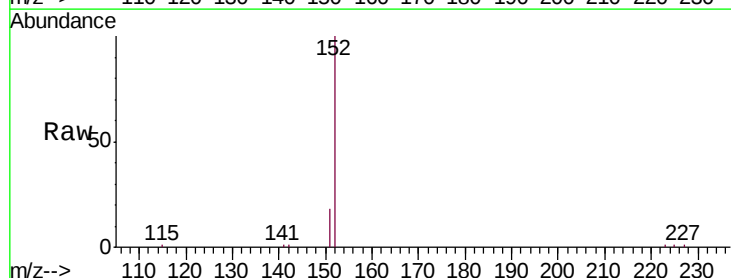
Acq: 21 Sep 2019 09:39

Tgt Ion: 152 Resp: 13865

Ion Ratio Lower Upper

152 100

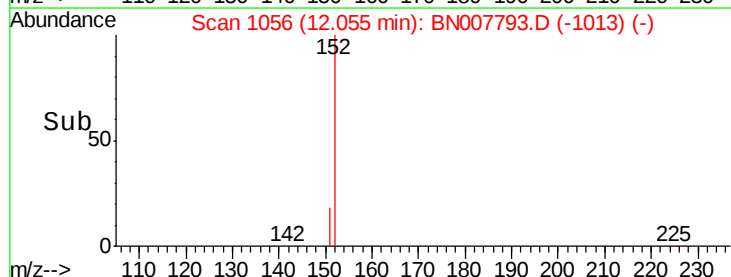
151 18.8 15.4 23.2



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): BN007793.D (-1013) (-)

Ion 151.00 (150.70 to 151.70): BN007793.D (-1013) (-)

Time-->



#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

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

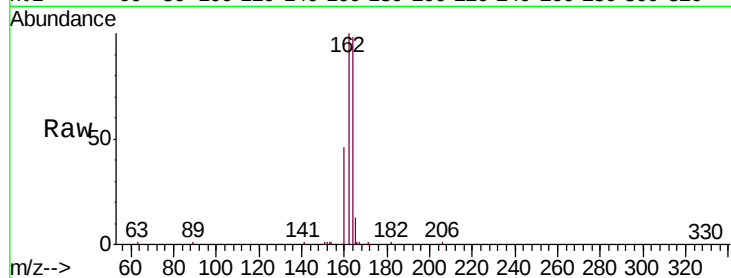
Tgt Ion:164 Resp: 15554

Ion Ratio Lower Upper

164 100

162 101.9 81.7 122.5

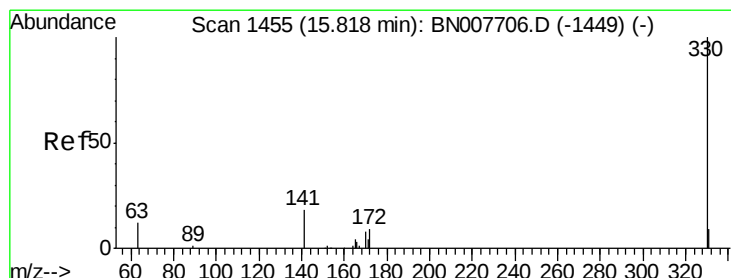
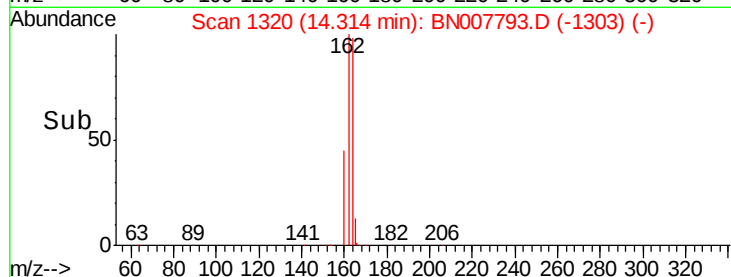
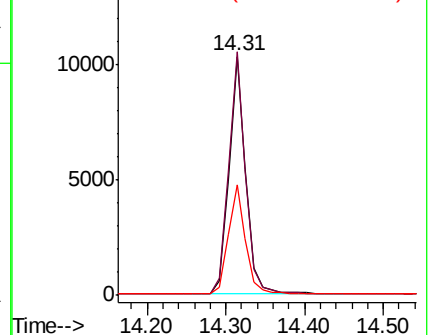
160 46.4 37.0 55.4



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: 0.141 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007793.D

Acq: 21 Sep 2019 09:39

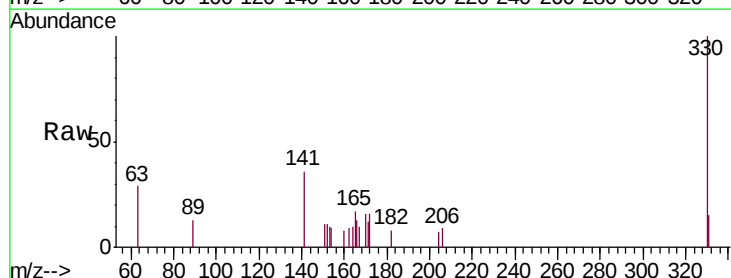
Tgt Ion:330 Resp: 1198

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

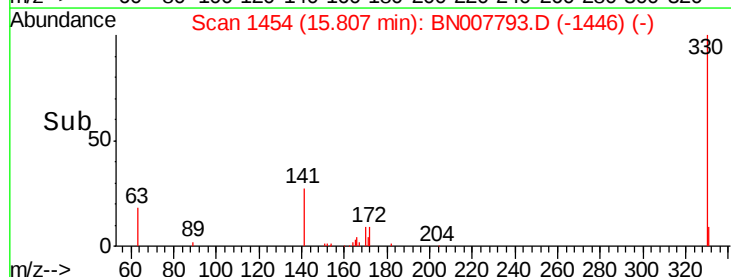
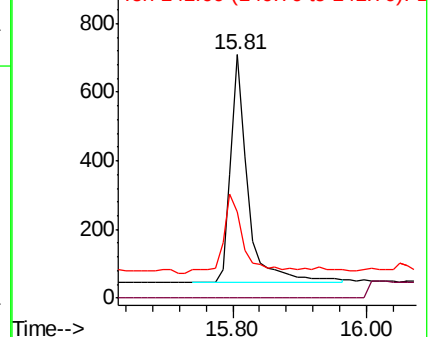
141 41.5 28.7 43.1



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

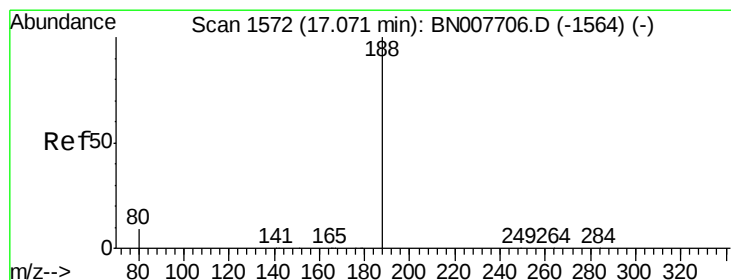
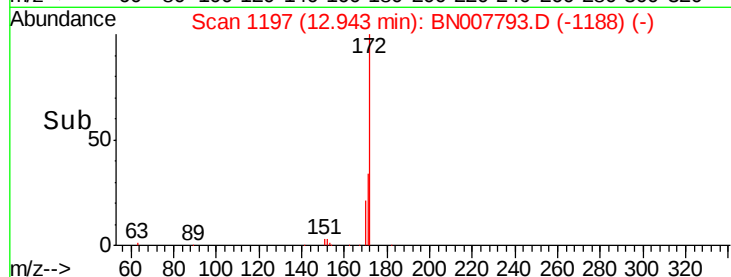
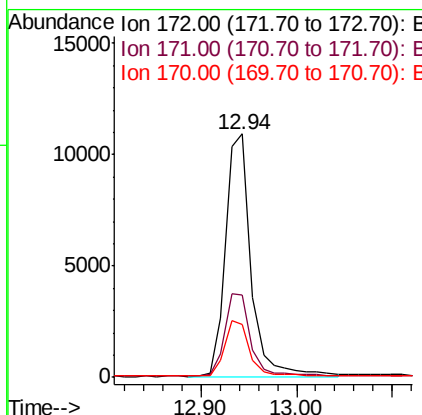
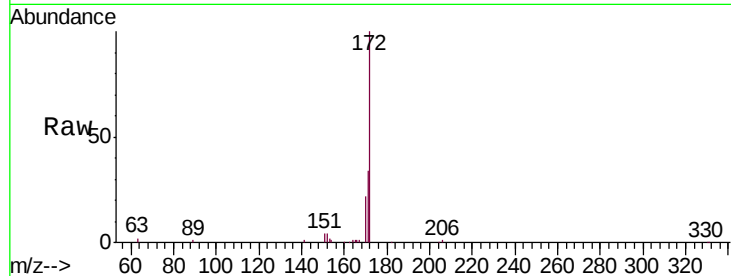




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007793.D
Acq: 21 Sep 2019 09:39

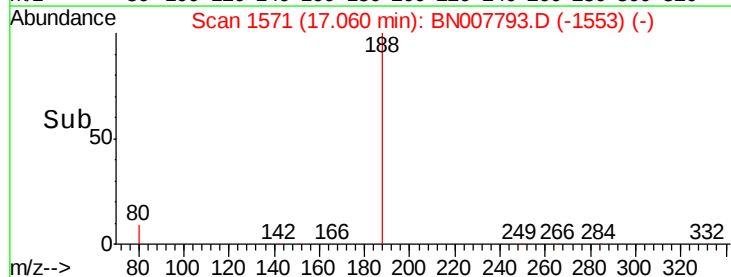
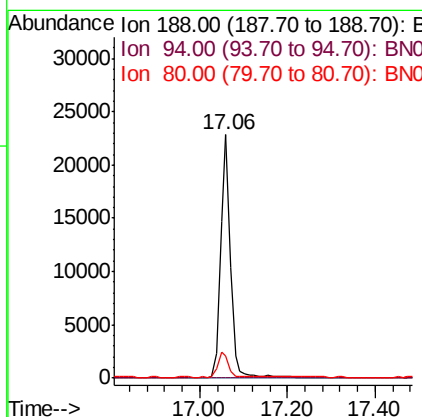
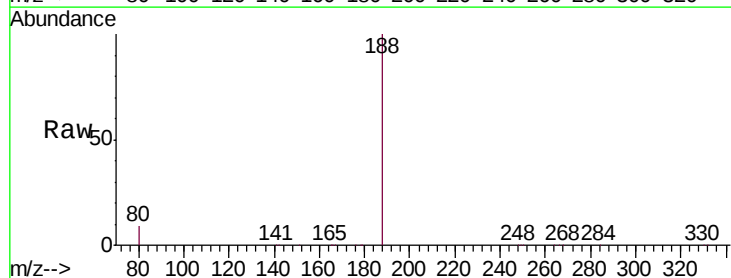
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RE109D2-20190917

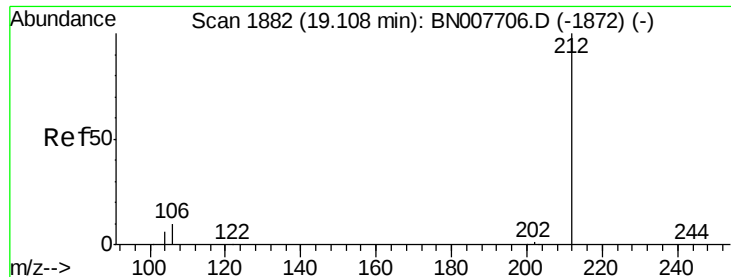
Tgt Ion:172 Resp: 20190
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 21.7 19.5 29.3



#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

Tgt Ion:188 Resp: 34913
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.4 11.2

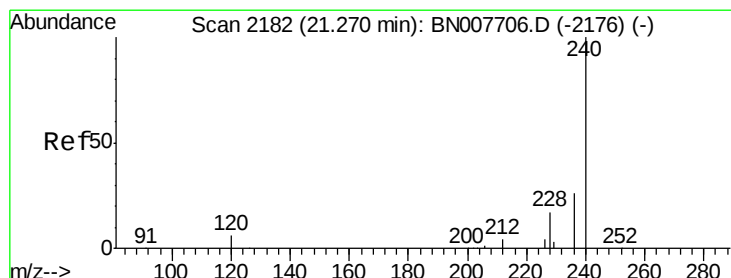
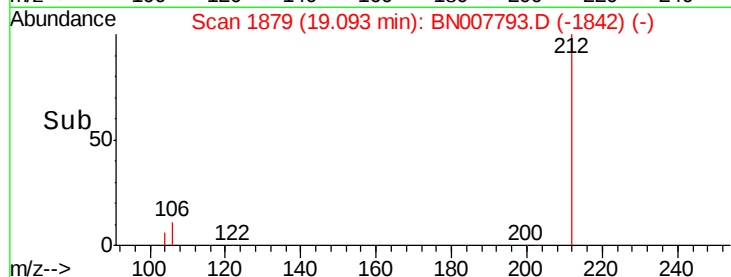
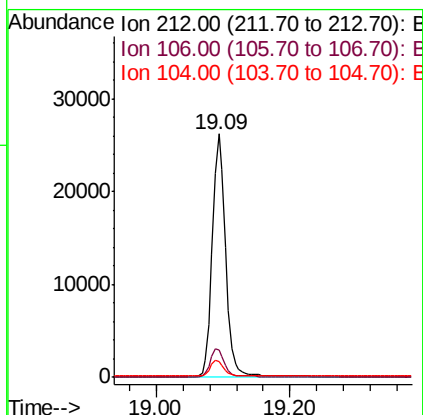
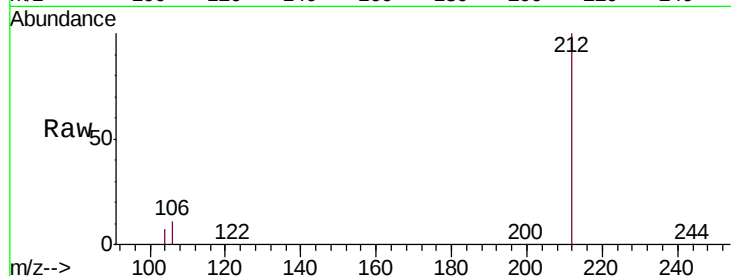




#25
 Fluoranthene-d10
 Concen: 0.308 ng
 RT: 19.09 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BN007793.D
 Acq: 21 Sep 2019 09:39

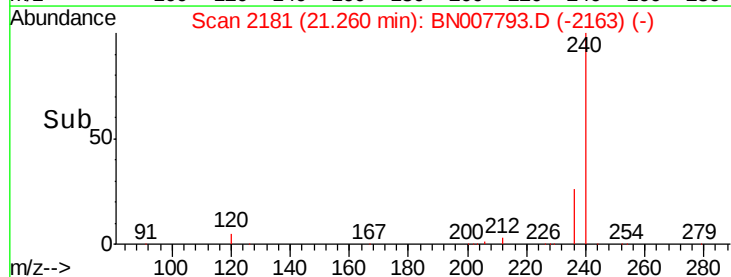
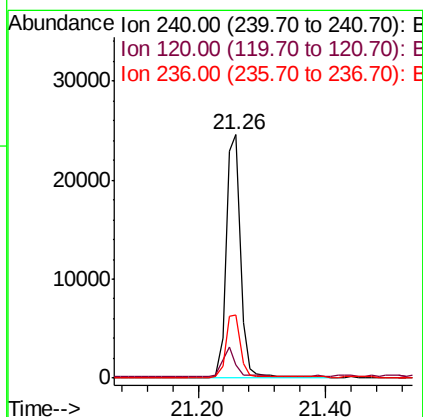
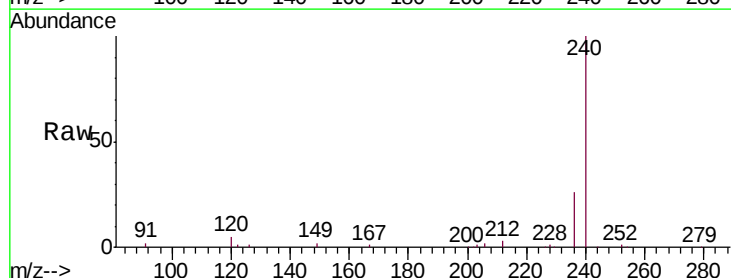
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20190917

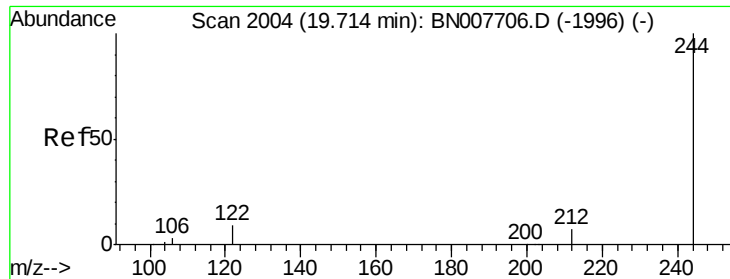
Tgt Ion: 212 Resp: 36272
 Ion Ratio Lower Upper
 212 100
 106 12.0 9.4 14.0
 104 6.5 5.3 7.9



#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

Tgt Ion: 240 Resp: 37945
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.4 8.2#
 236 25.8 21.0 31.4





#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

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

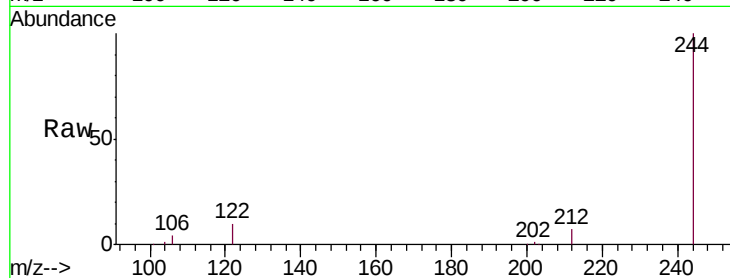
Tgt Ion:244 Resp: 33549

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

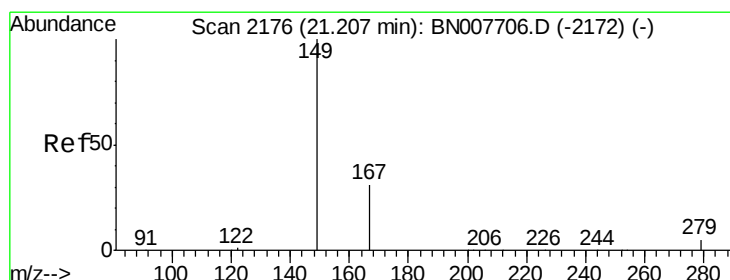
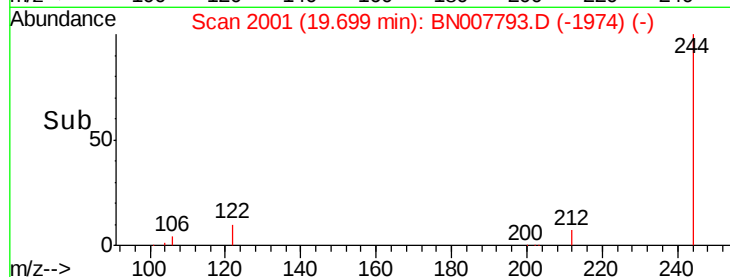
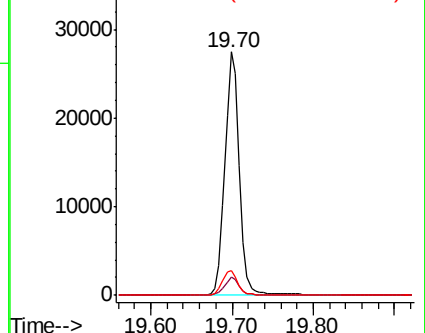
122 10.4 7.4 11.2



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

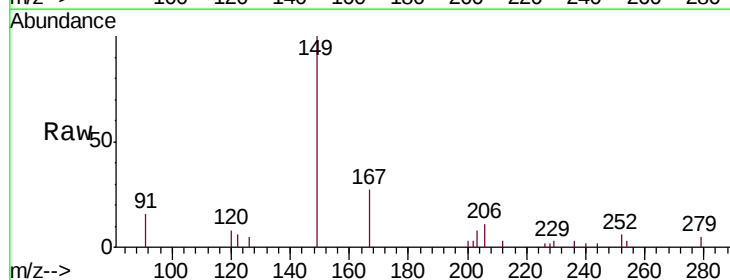
Tgt Ion:149 Resp: 2283

Ion Ratio Lower Upper

149 100

167 27.6 23.7 35.5

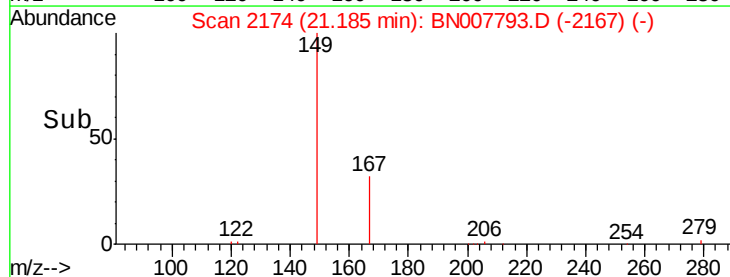
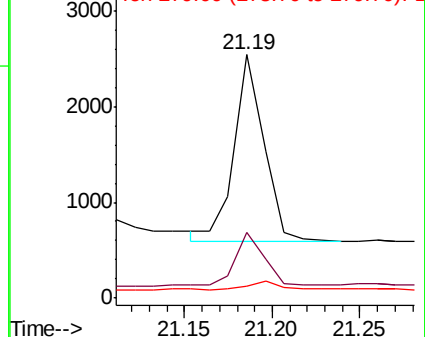
279 5.0 4.2 6.2

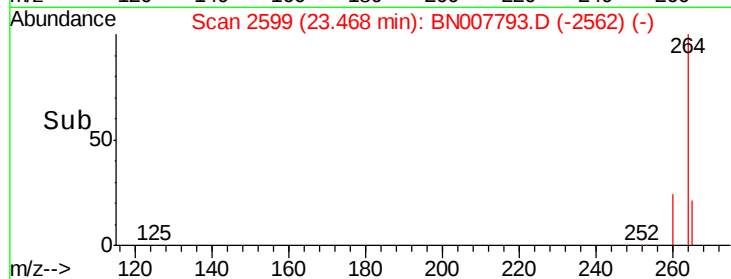
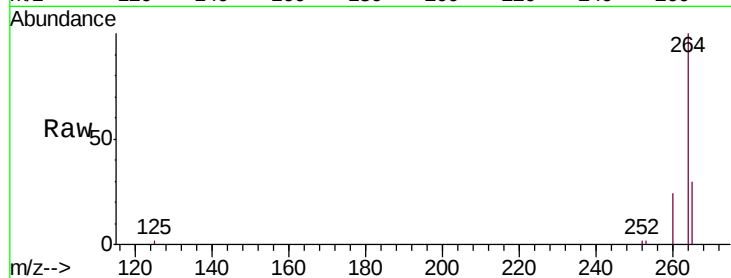
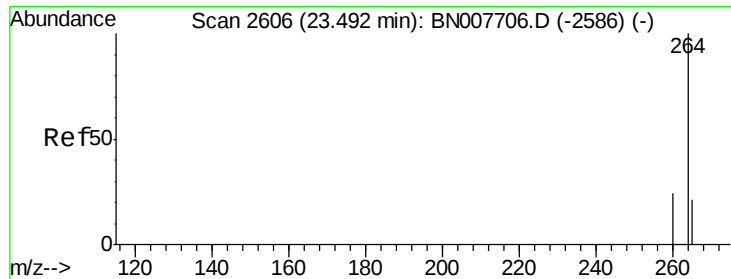


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_N

ClientSampleId :

RE109D2-20190917

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

