

Data File : BN007796.D
Acq On : 21 Sep 2019 11:26
Operator : HP/JU
Sample : K4975-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20190918

Quant Time: Sep 23 01:57:28 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	6764	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	25225	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14550	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	32611	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	35066	0.40	ng	-0.02
34) Perylene-d12	23.47	264	37212	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	2511	0.11	ng	0.00
5) Phenol-d6	6.86	99	1882	0.06	ng	0.00
8) Nitrobenzene-d5	8.83	82	6085	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	14016	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	1390	0.18	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	19913	0.33	ng	0.00
25) Fluoranthene-d10	19.10	212	36700	0.33	ng	-0.01
29) Terphenyl-d14	19.70	244	31411	0.36	ng	-0.01

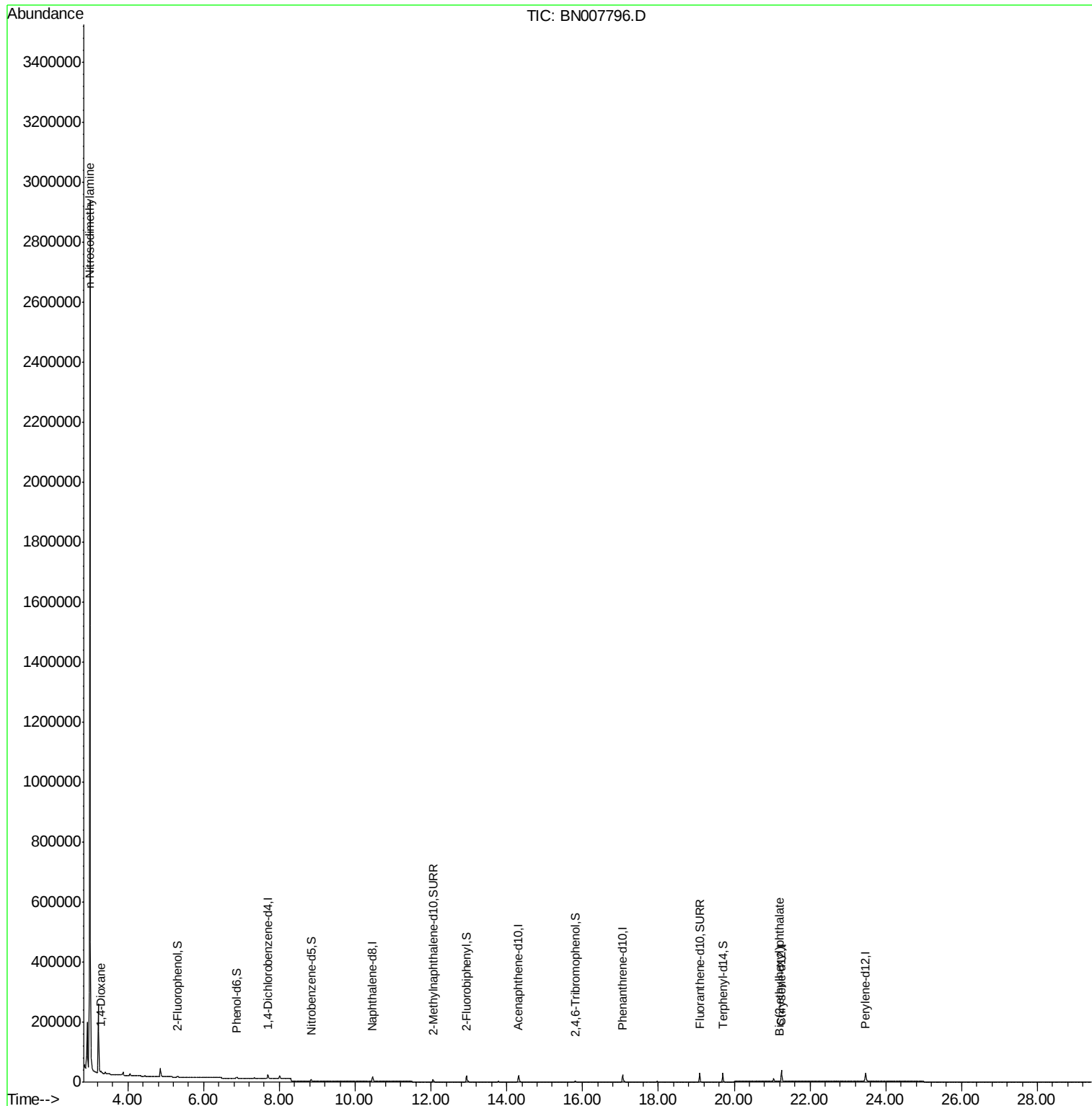
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	4322	0.573	ng	# 78
3) n-Nitrosodimethylamine	3.00	42	224847	65.115	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.19	149	1573	0.024	ng	94

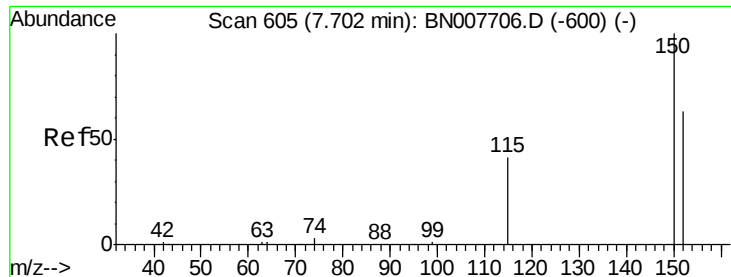
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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BNA_N

ClientSampleId :

RE139D2-20190918

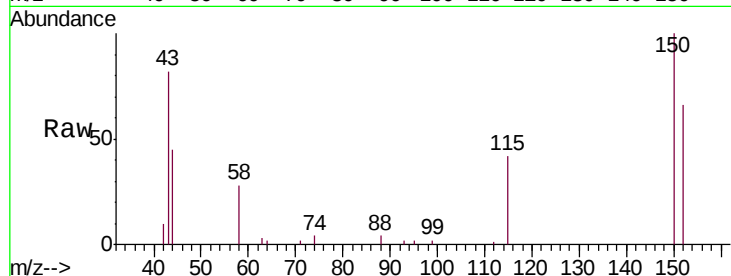
Tgt Ion: 152 Resp: 6764

Ion Ratio Lower Upper

152 100

150 152.3 125.6 188.4

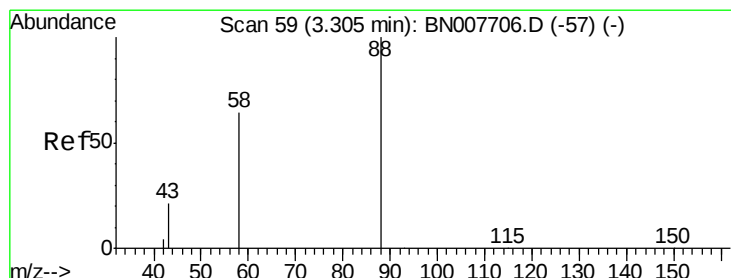
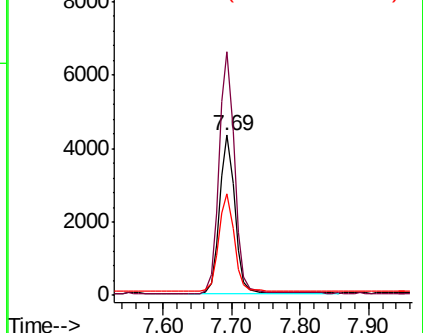
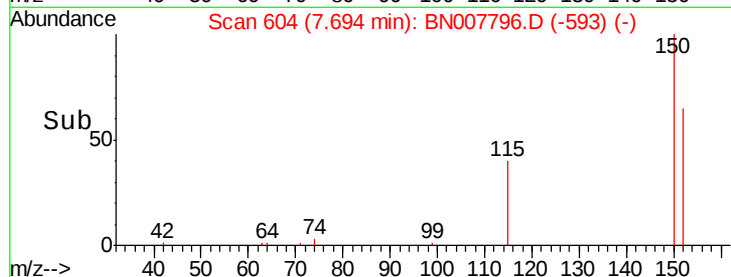
115 63.6 53.3 79.9



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: 0.573 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

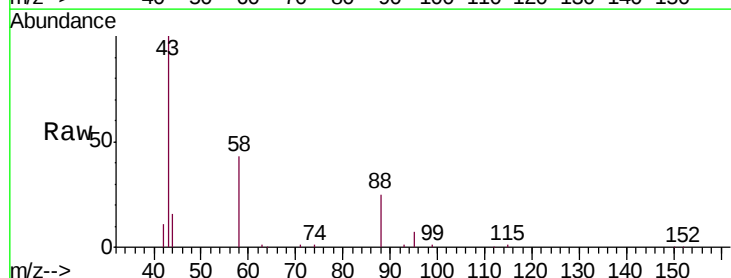
Tgt Ion: 88 Resp: 4322

Ion Ratio Lower Upper

88 100

58 61.6 44.6 66.8

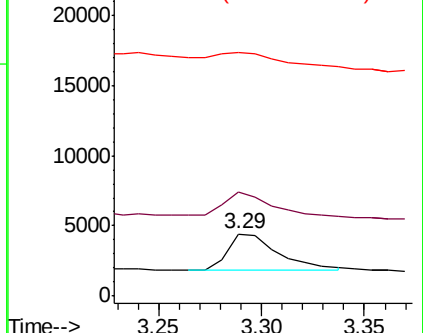
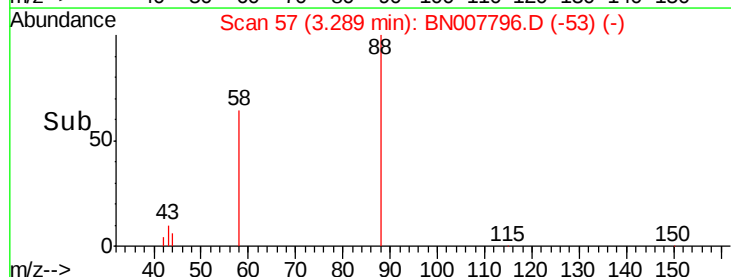
43 45.9 14.4 21.6#

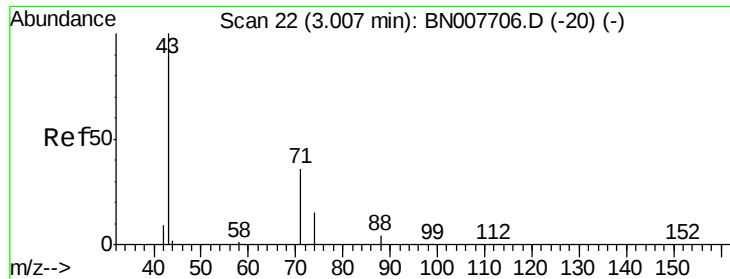


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 65.115 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

RE139D2-20190918

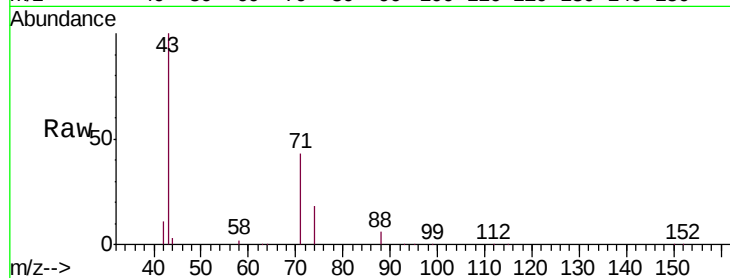
Tgt Ion: 42 Resp: 224847

Ion Ratio Lower Upper

42 100

74 151.5 87.9 131.9#

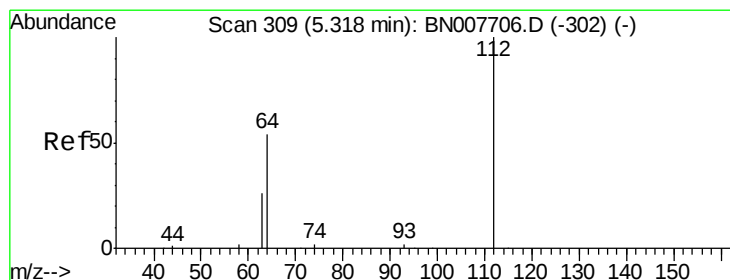
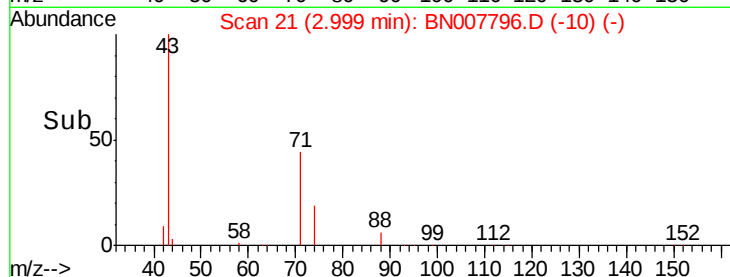
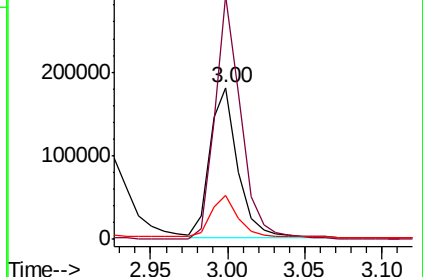
44 27.0 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BN007706.D (-20) (-)

Ion 74.00 (73.70 to 74.70): BN007706.D (-20) (-)

Ion 44.00 (43.70 to 44.70): BN007706.D (-20) (-)



#4

2-Fluorophenol

Concen: 0.108 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

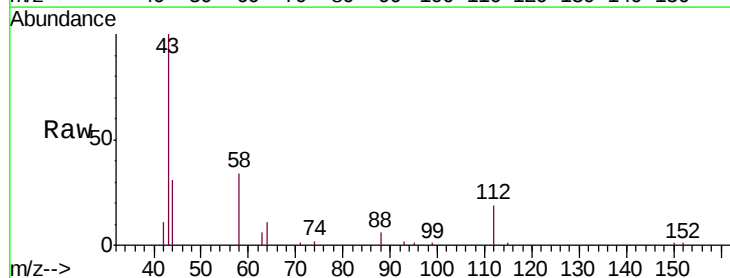
Tgt Ion: 112 Resp: 2511

Ion Ratio Lower Upper

112 100

64 58.8 46.6 70.0

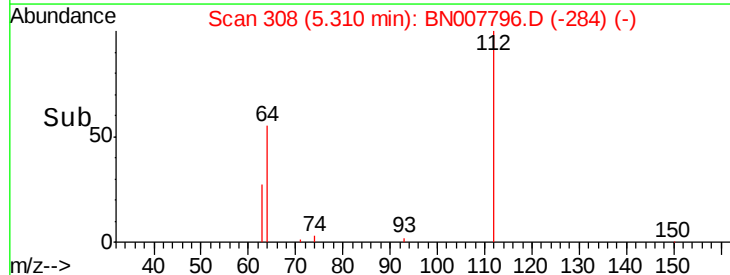
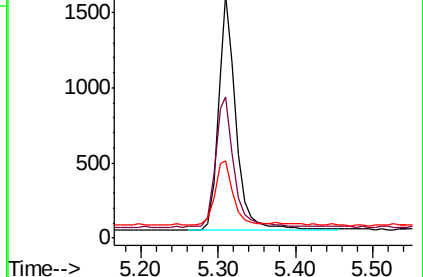
63 29.9 23.1 34.7

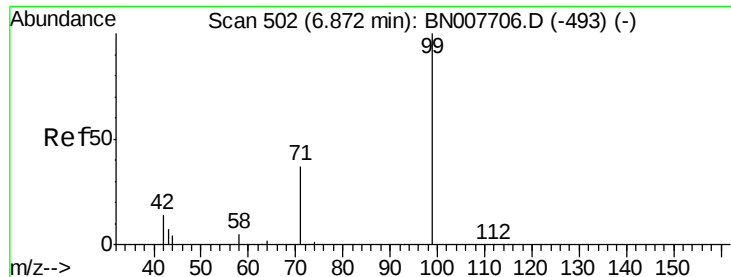


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

Ion 64.00 (63.70 to 64.70): BN007706.D (-302) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-302) (-)





#5

Phenol-d6

Concen: 0.059 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

RE139D2-20190918

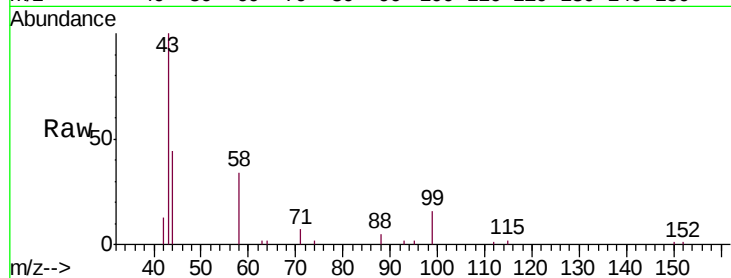
Tgt Ion: 99 Resp: 1882

Ion Ratio Lower Upper

99 100

42 27.4 12.8 19.2#

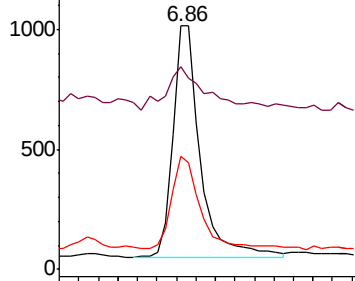
71 40.2 27.6 41.4



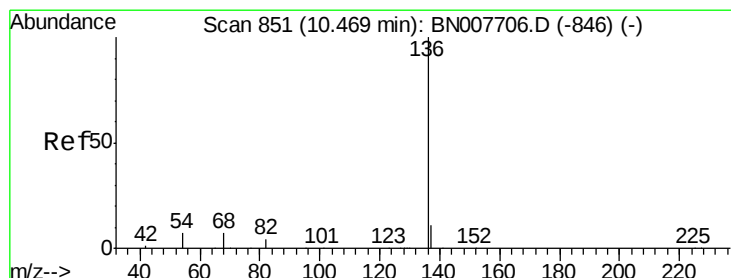
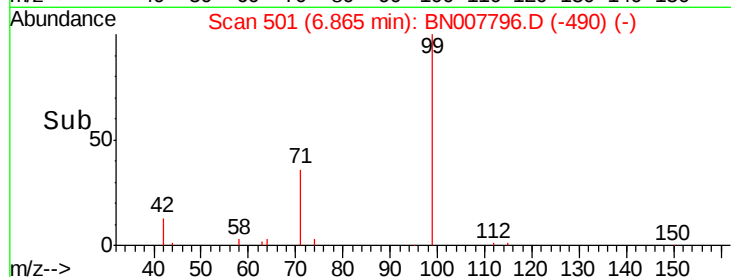
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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

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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Tgt Ion: 136 Resp: 25225

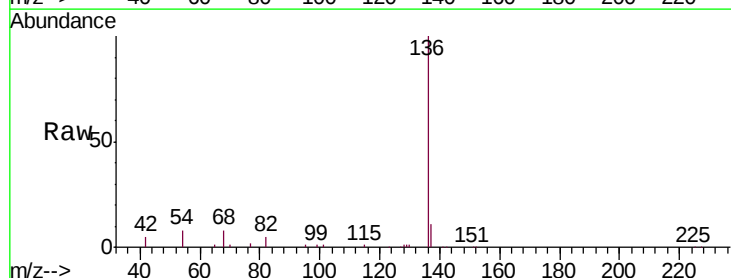
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.1 5.8 8.8

68 8.4 6.5 9.7

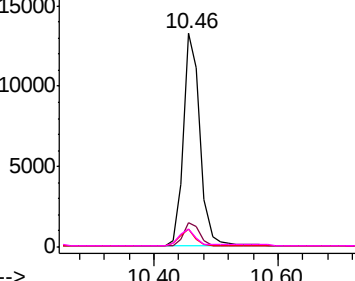


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

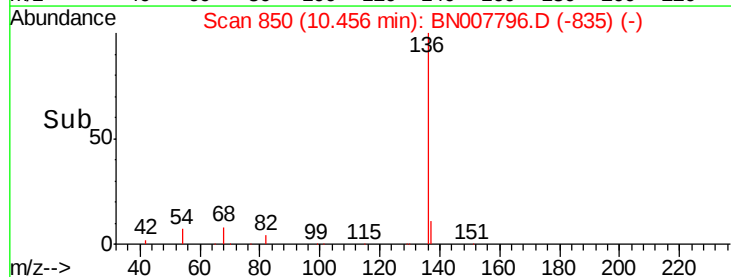
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

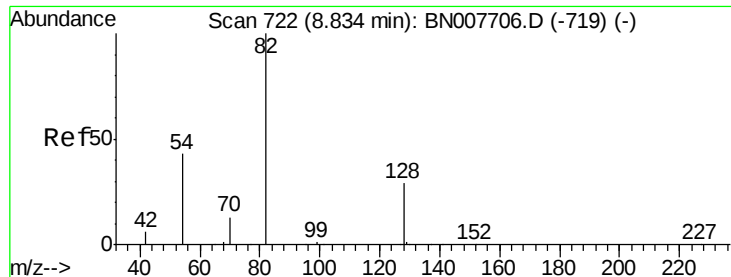
Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

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



Time-->





#8

Nitrobenzene-d5

Concen: 0.276 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

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RE139D2-20190918

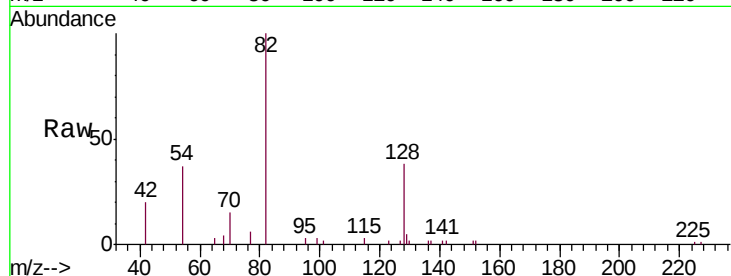
Tgt Ion: 82 Resp: 6085

Ion Ratio Lower Upper

82 100

128 38.4 24.5 36.7#

54 37.5 35.2 52.8

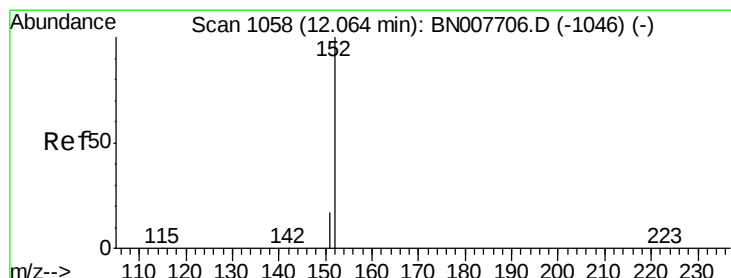
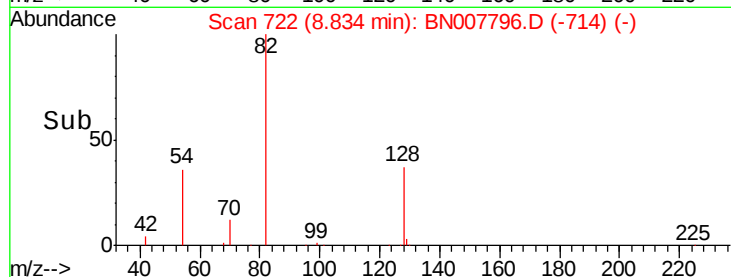


Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

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

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

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007796.D

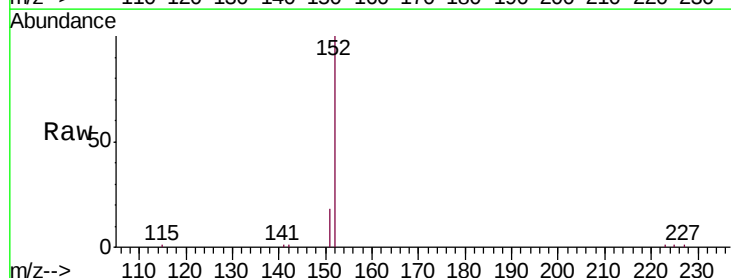
Acq: 21 Sep 2019 11:26

Tgt Ion: 152 Resp: 14016

Ion Ratio Lower Upper

152 100

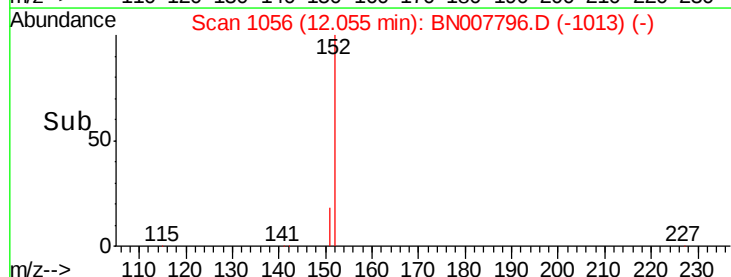
151 18.9 15.4 23.2

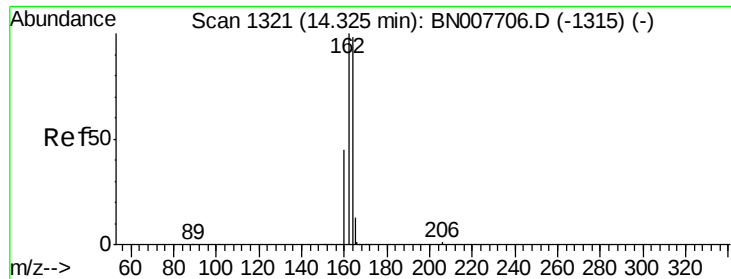


Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

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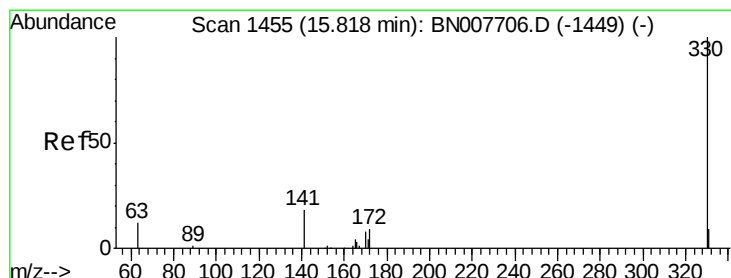
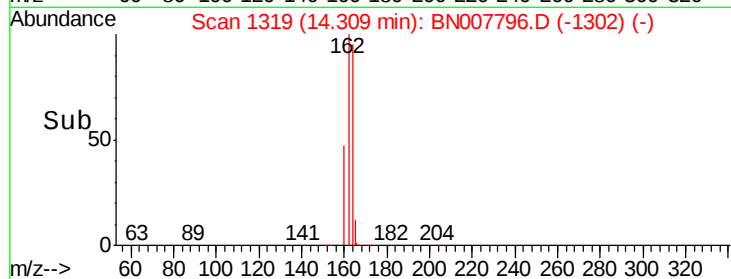
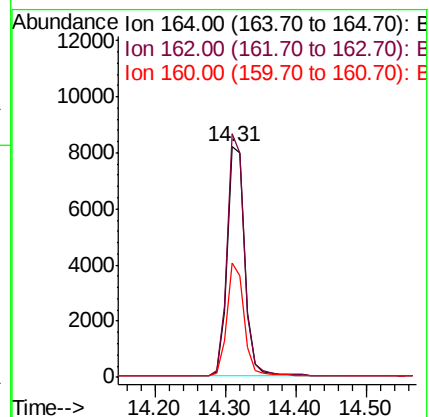
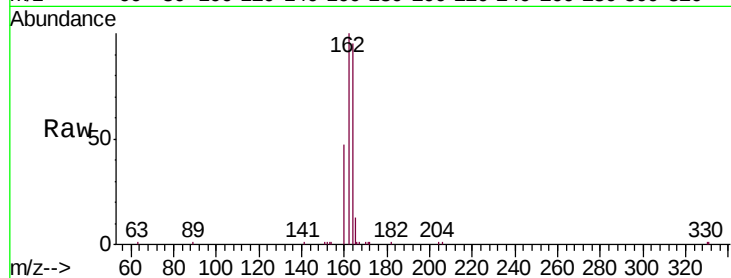
Tgt Ion:164 Resp: 14550

Ion Ratio Lower Upper

164 100

162 105.6 81.7 122.5

160 49.8 37.0 55.4



#14

2,4,6-Tribromophenol

Concen: 0.175 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

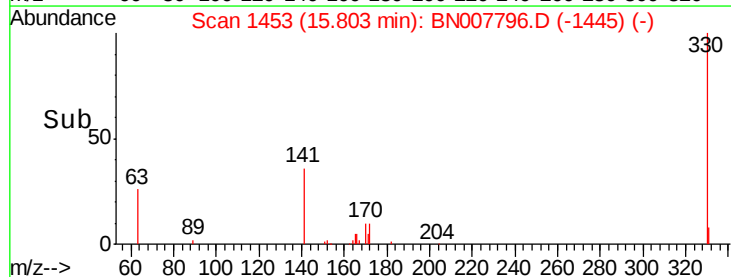
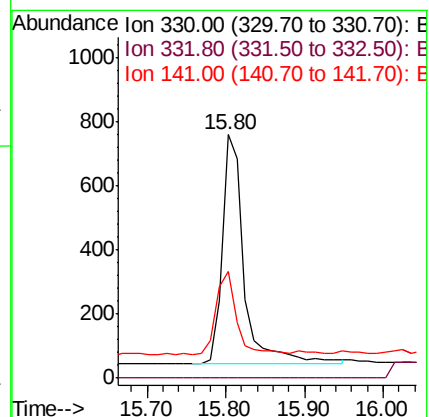
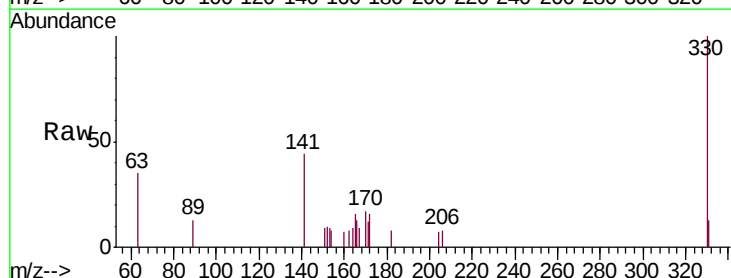
Tgt Ion:330 Resp: 1390

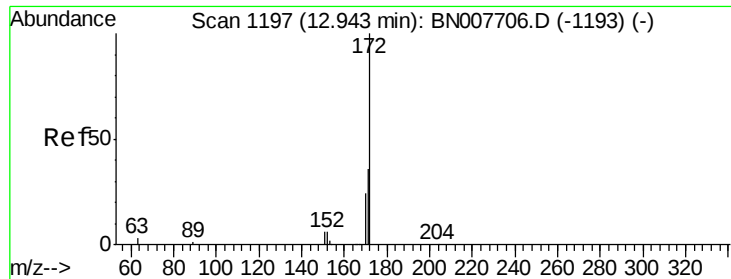
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.5 28.7 43.1

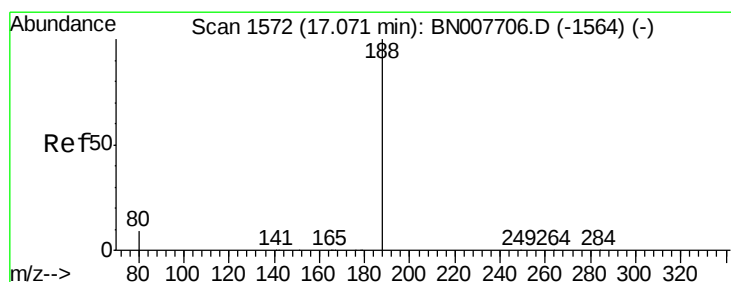
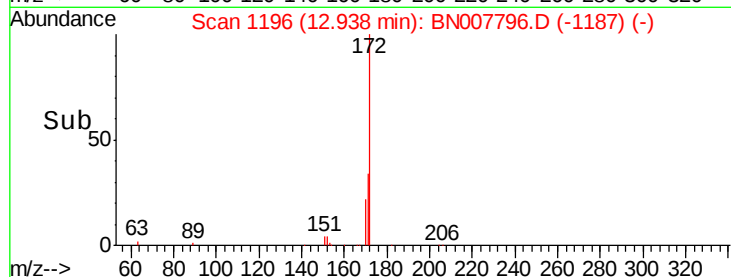
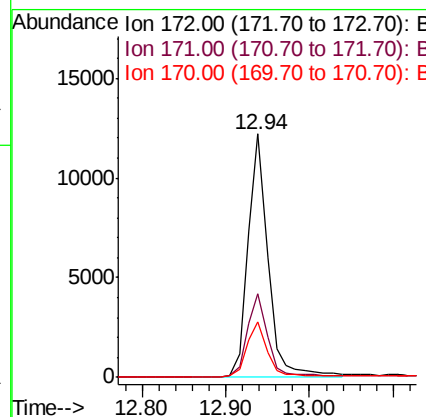
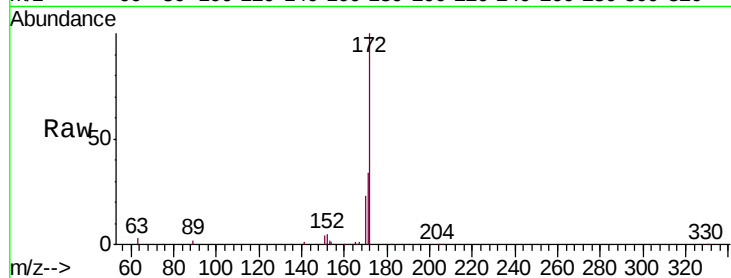




#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007796.D
Acq: 21 Sep 2019 11:26

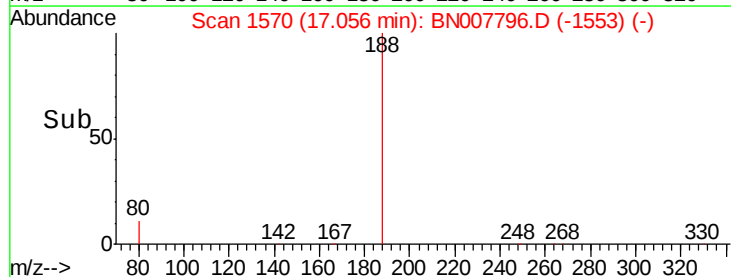
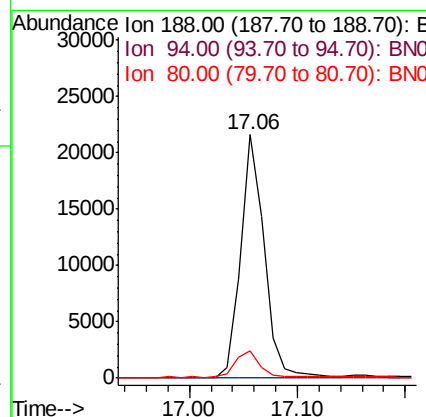
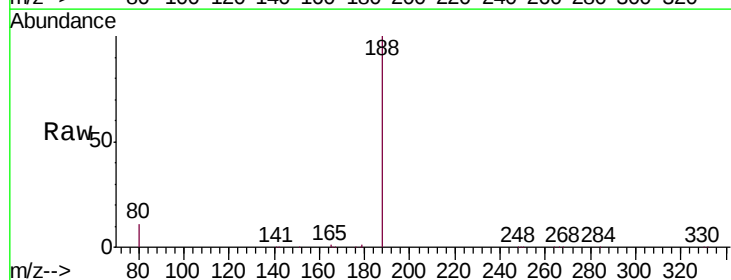
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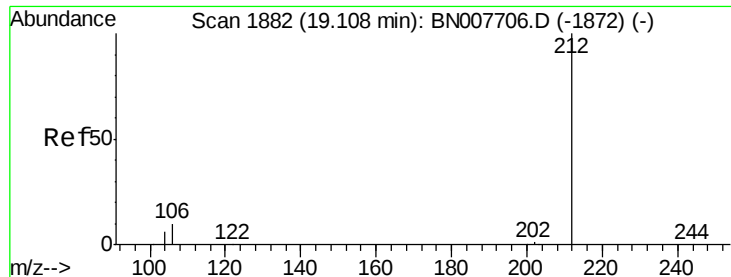
Tgt Ion:172 Resp: 19913
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 22.5 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN007796.D
Acq: 21 Sep 2019 11:26

Tgt Ion:188 Resp: 32611
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.334 ng

RT: 19.10 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

RE139D2-20190918

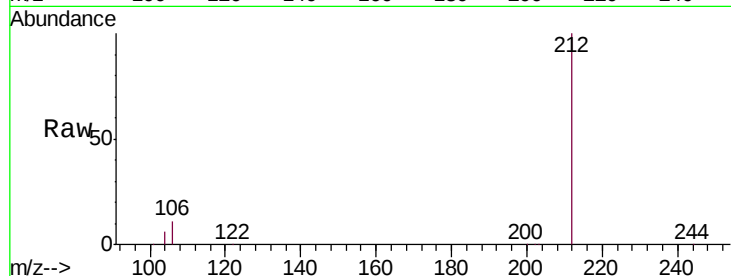
Tgt Ion:212 Resp: 36700

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

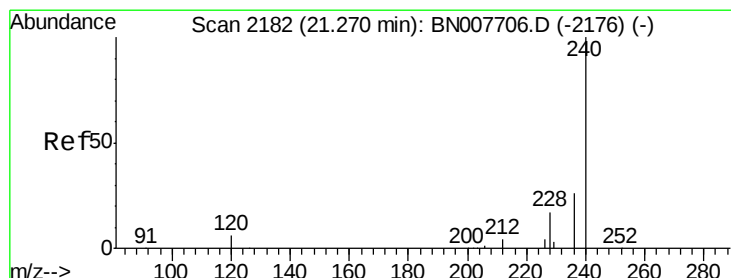
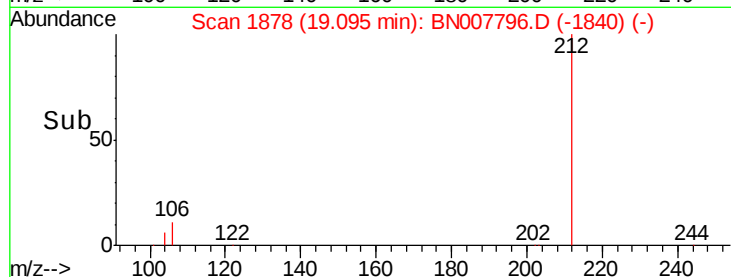
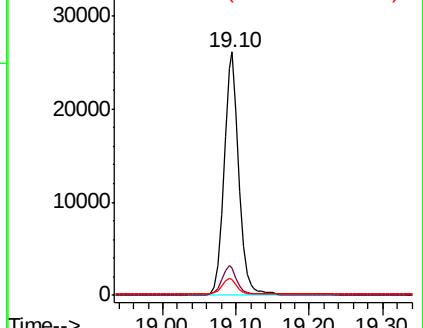
104 6.8 5.3 7.9



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# 2179

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

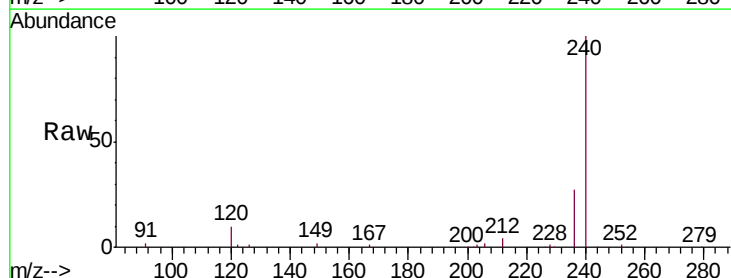
Tgt Ion:240 Resp: 35066

Ion Ratio Lower Upper

240 100

120 10.2 5.4 8.2#

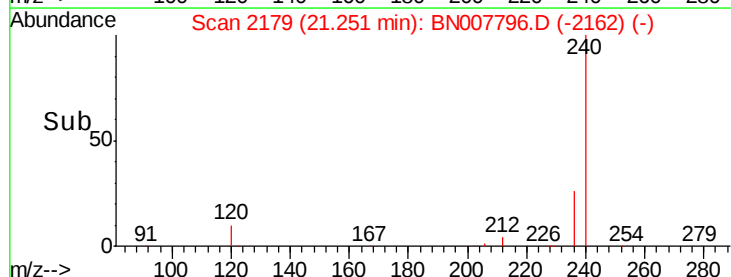
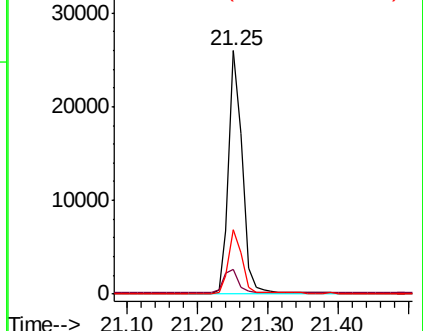
236 26.7 21.0 31.4

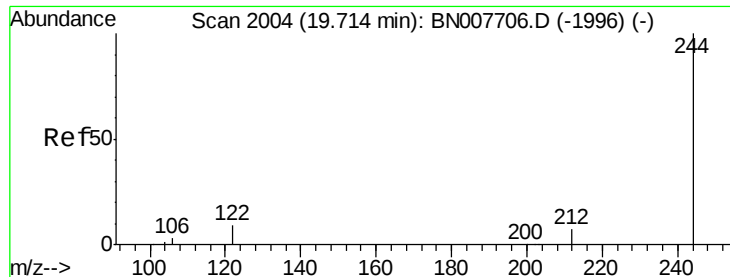


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

RE139D2-20190918

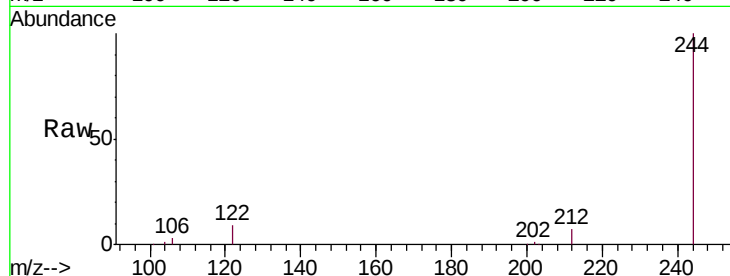
Tgt Ion:244 Resp: 31411

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

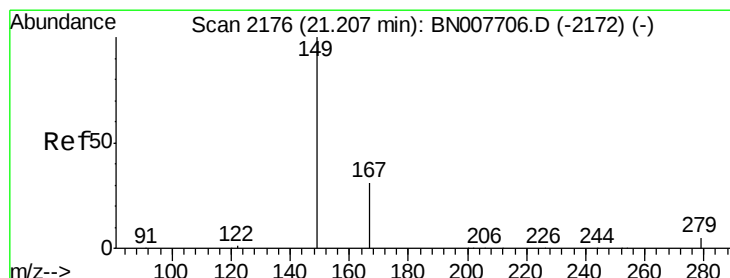
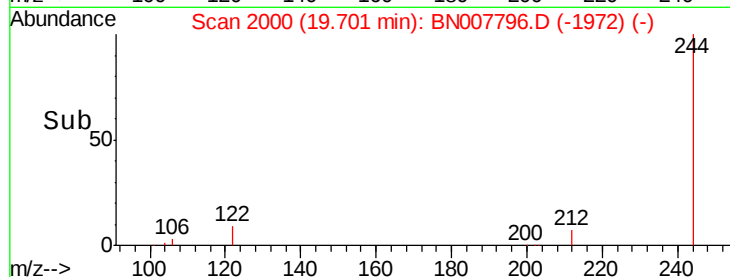
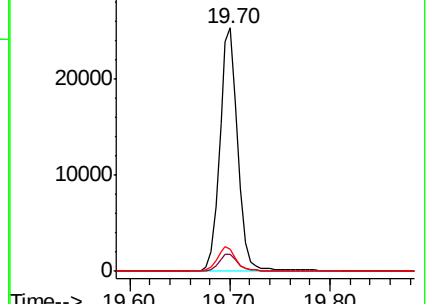
122 9.1 7.4 11.2



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: 0.024 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

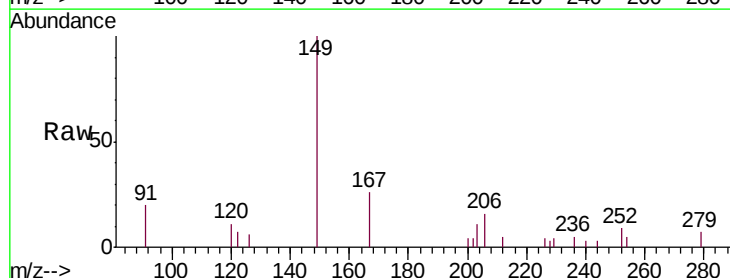
Tgt Ion:149 Resp: 1573

Ion Ratio Lower Upper

149 100

167 25.9 23.7 35.5

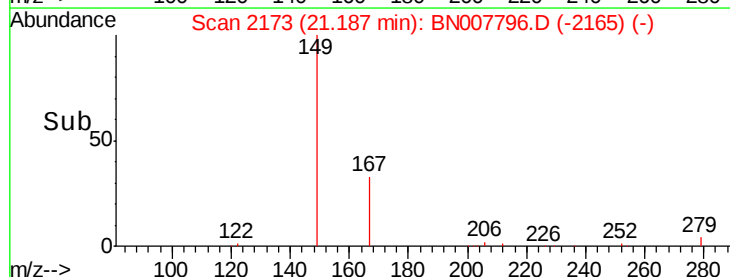
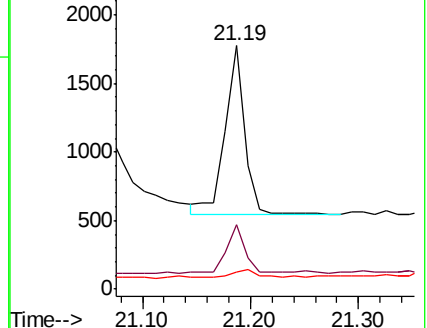
279 5.0 4.2 6.2

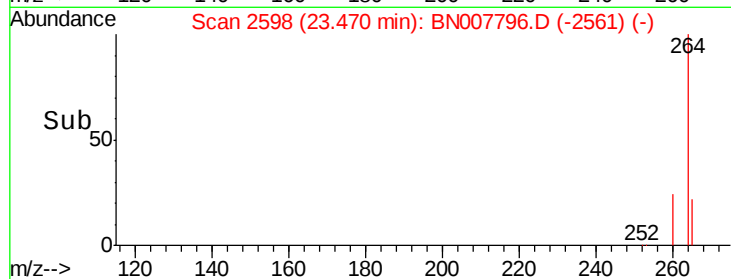
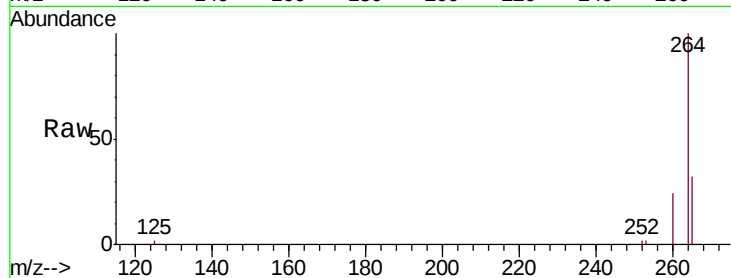
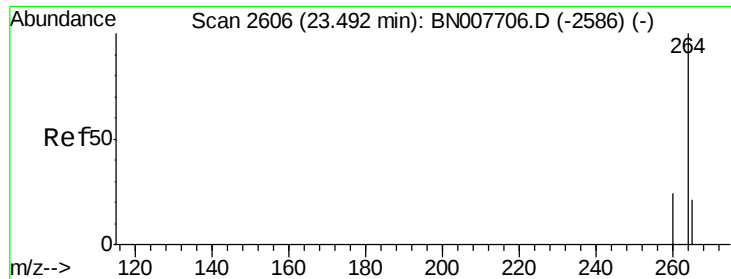


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2598

Delta R.T. -0.02 min

Lab File: BN007796.D

Acq: 21 Sep 2019 11:26

Instrument :

BNA_N

ClientSampleId :

RE139D2-20190918

Tgt Ion: 264 Resp: 37212

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 31.5 26.9 40.3

