

Data File : BN007788.D
Acq On : 21 Sep 2019 06:40
Operator : HP/JU
Sample : K4974-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D1-20190916

Quant Time: Sep 23 01:55:30 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

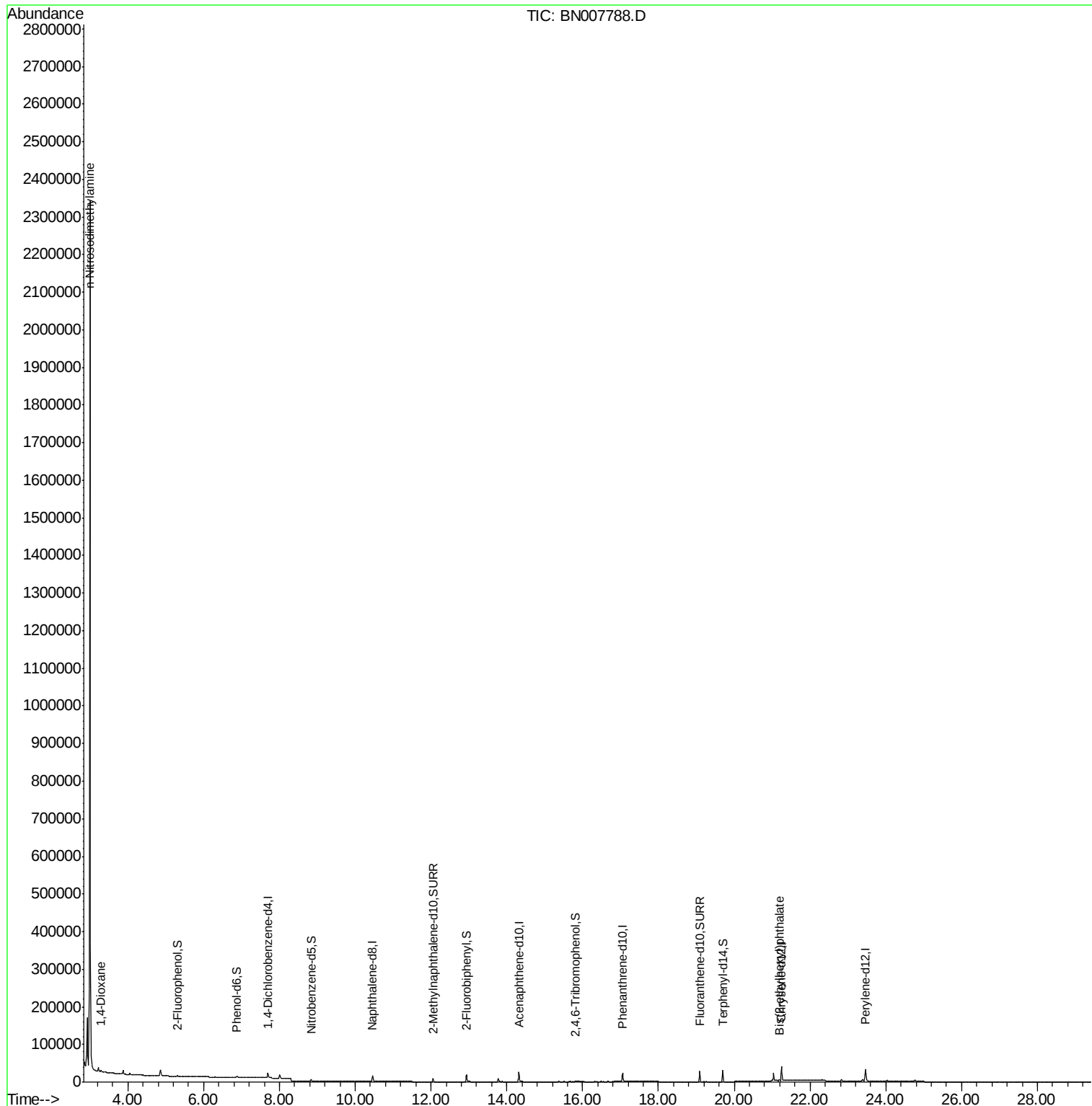
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6466	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	24053	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	14644	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	31766	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36083	0.40	ng	-0.02
34) Perylene-d12	23.46	264	41526	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2082	0.09	ng	0.00
5) Phenol-d6	6.87	99	1651	0.05	ng	0.00
8) Nitrobenzene-d5	8.83	82	5555	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	13002	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1218	0.15	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	18797	0.31	ng	0.00
25) Fluoranthene-d10	19.09	212	34669	0.32	ng	-0.01
29) Terphenyl-d14	19.70	244	30498	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.30	88	3247	0.451	ng	# 79
3) n-Nitrosodimethylamine	3.00	42	178800	54.166	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.19	149	3553	0.052	ng	94

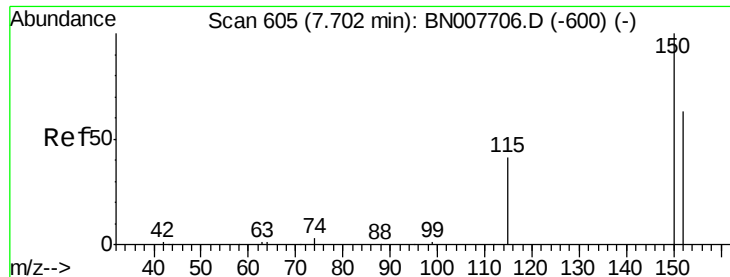
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

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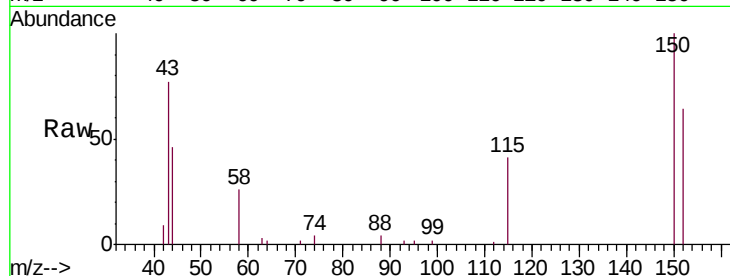
Tgt Ion:152 Resp: 6466

Ion Ratio Lower Upper

152 100

150 155.5 125.6 188.4

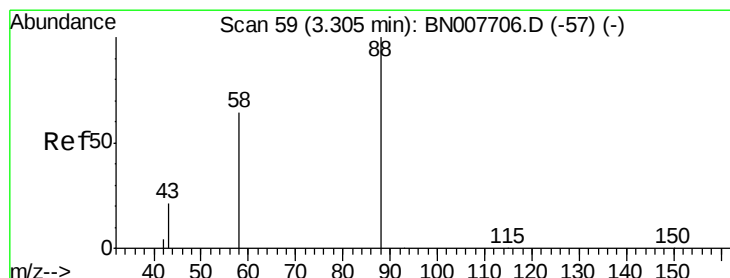
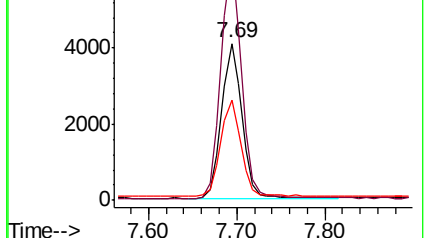
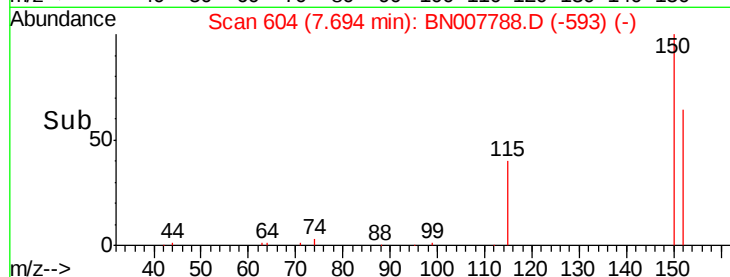
115 64.3 53.3 79.9



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: 0.451 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

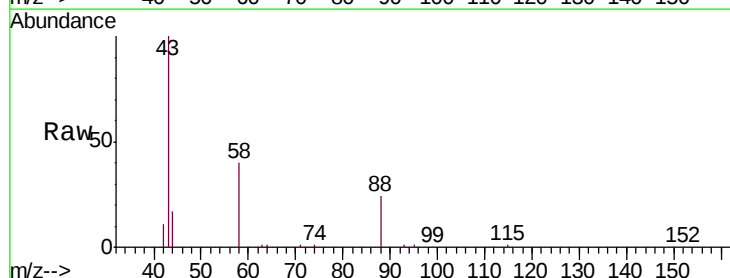
Tgt Ion: 88 Resp: 3247

Ion Ratio Lower Upper

88 100

58 59.7 44.6 66.8

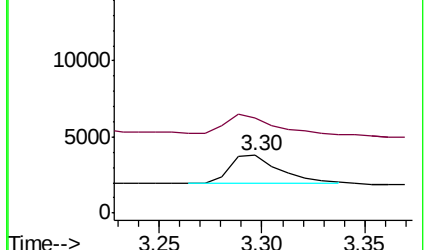
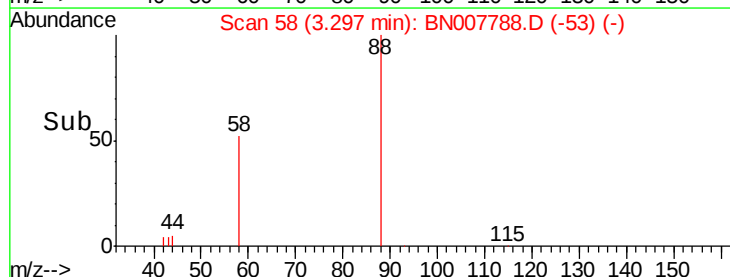
43 49.4 14.4 21.6#

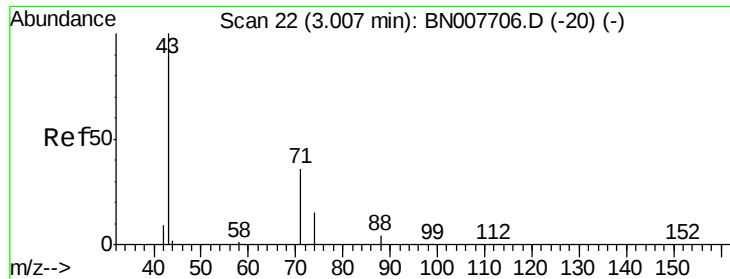


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 54.166 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

RE134D1-20190916

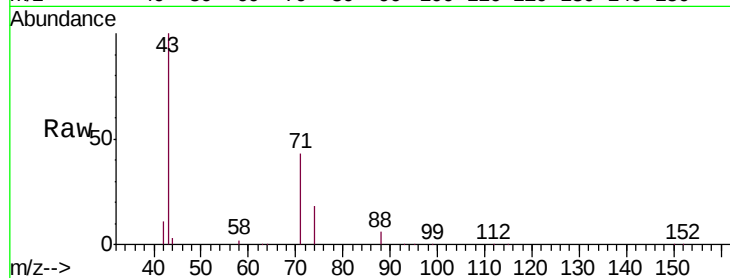
Tgt Ion: 42 Resp: 178800

Ion Ratio Lower Upper

42 100

74 150.3 87.9 131.9#

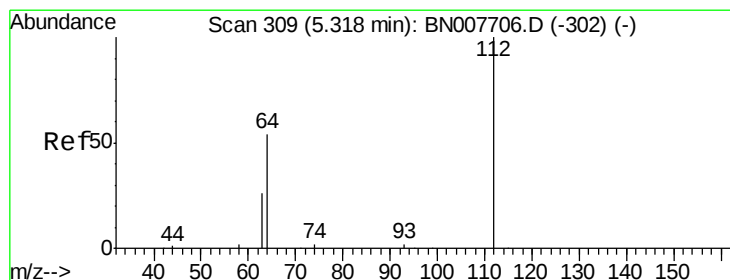
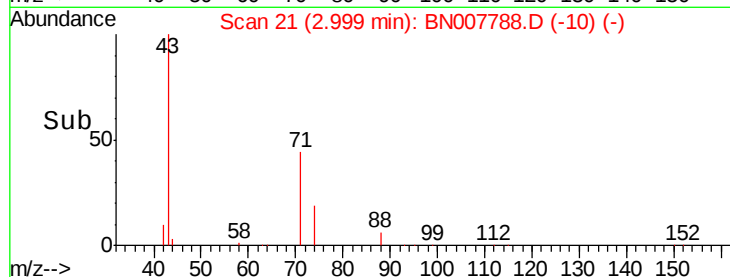
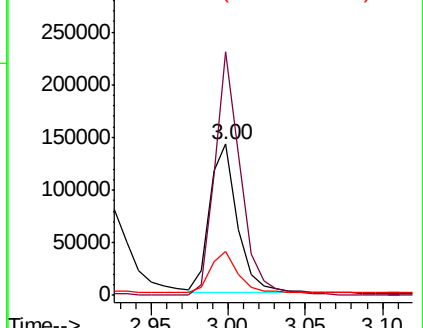
44 26.8 29.4 44.0#



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: 0.094 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

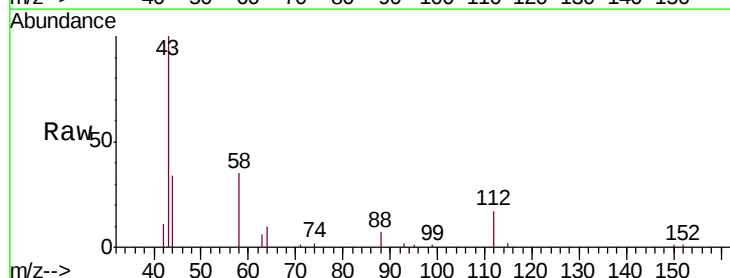
Tgt Ion: 112 Resp: 2082

Ion Ratio Lower Upper

112 100

64 59.6 46.6 70.0

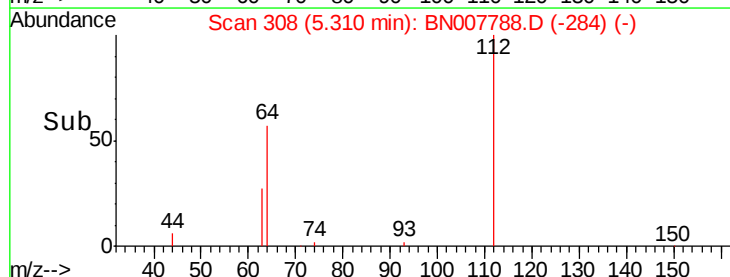
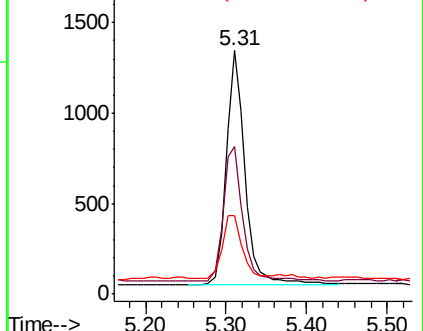
63 29.7 23.1 34.7

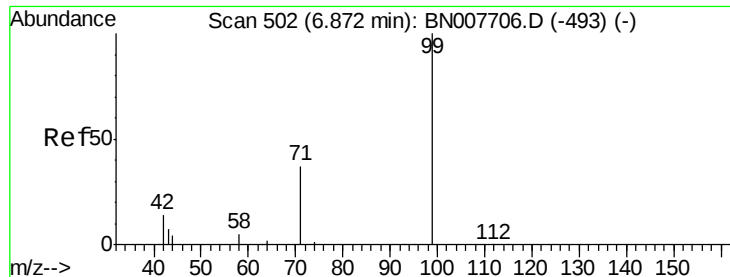


Abundance Ion 112.00 (111.70 to 112.70): BN007706.D (-302) (-)

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: 0.054 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

RE134D1-20190916

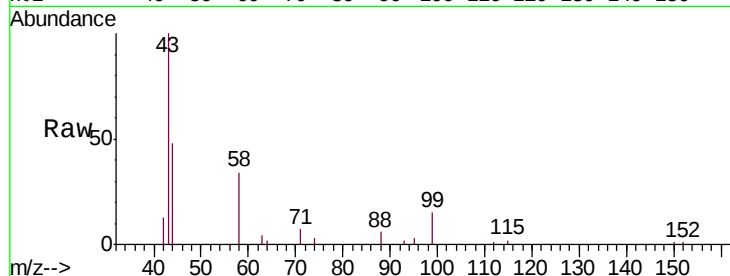
Tgt Ion: 99 Resp: 1651

Ion Ratio Lower Upper

99 100

42 25.0 12.8 19.2#

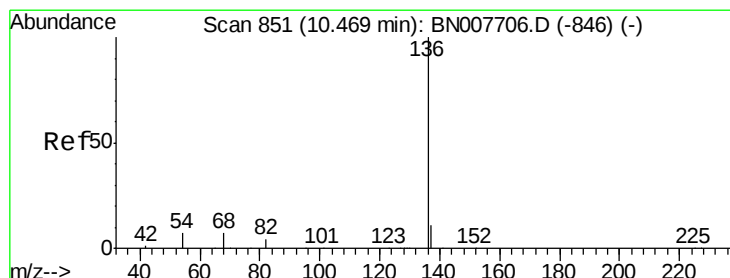
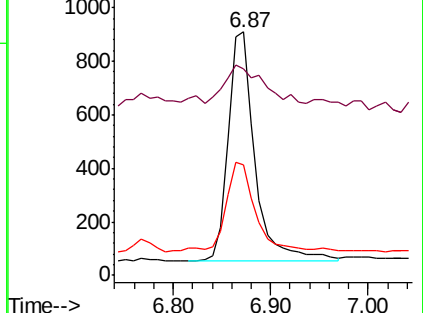
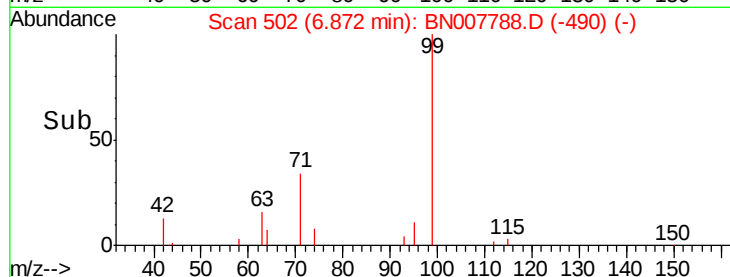
71 41.2 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BN007788.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN007788.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN007788.D (-490) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Tgt Ion: 136 Resp: 24053

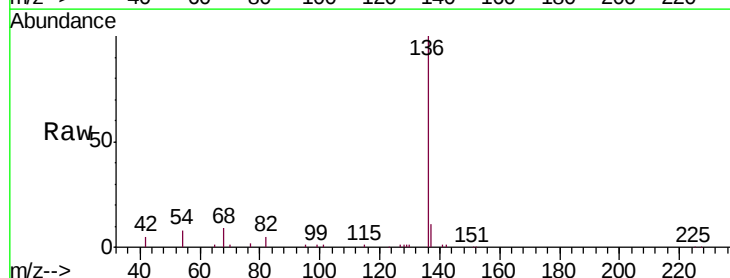
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.3 5.8 8.8

68 8.9 6.5 9.7

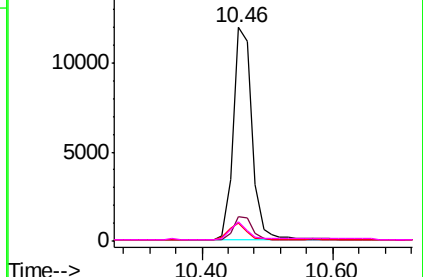
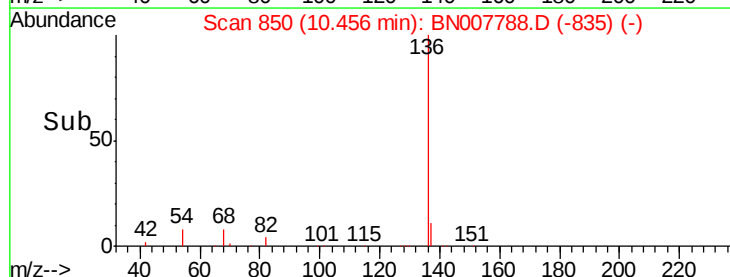


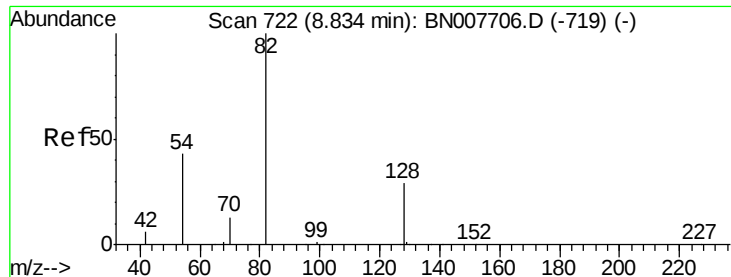
Abundance Ion 136.00 (135.70 to 136.70): BN007788.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN007788.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN007788.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007788.D (-835) (-)





#8

Nitrobenzene-d5

Concen: 0.264 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

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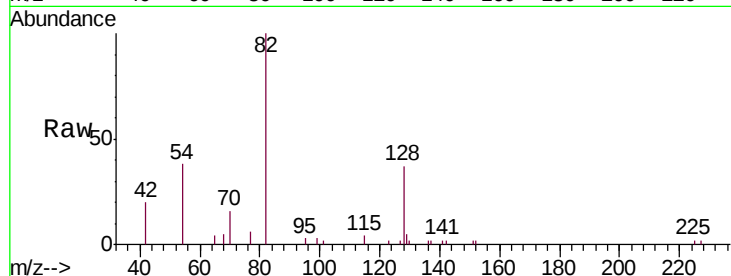
Tgt Ion: 82 Resp: 5555

Ion Ratio Lower Upper

82 100

128 36.9 24.5 36.7#

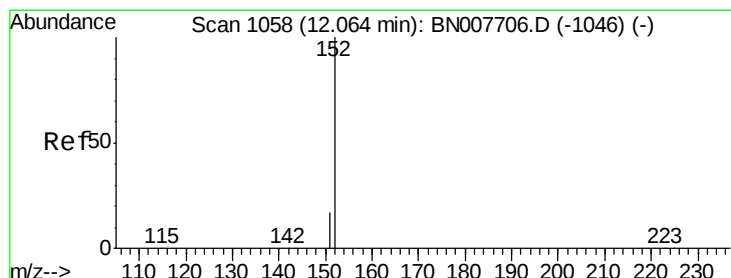
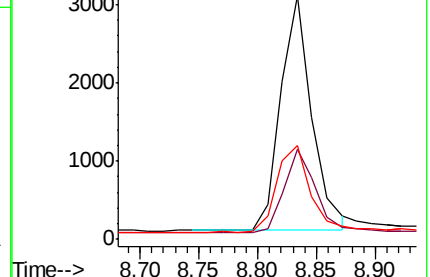
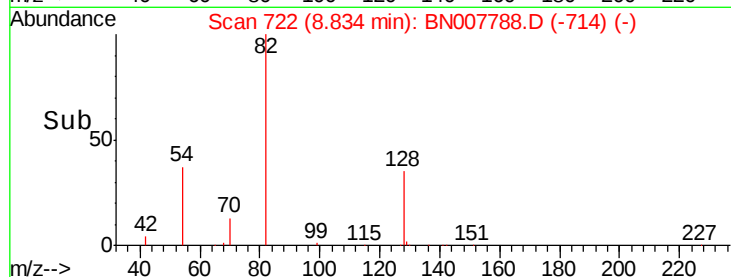
54 38.5 35.2 52.8



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) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007788.D

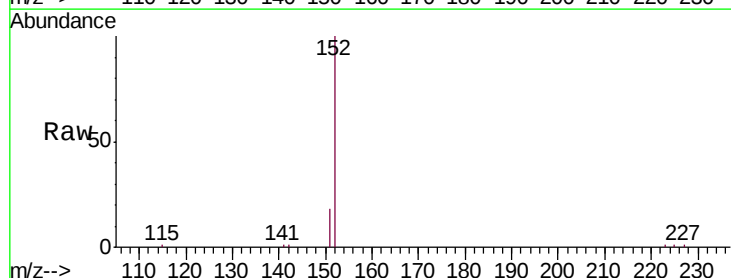
Acq: 21 Sep 2019 06:40

Tgt Ion: 152 Resp: 13002

Ion Ratio Lower Upper

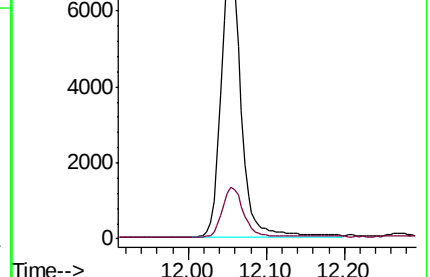
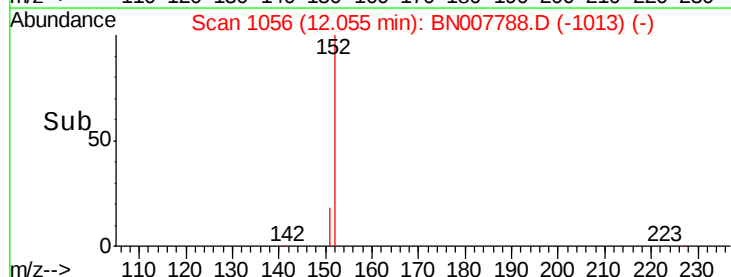
152 100

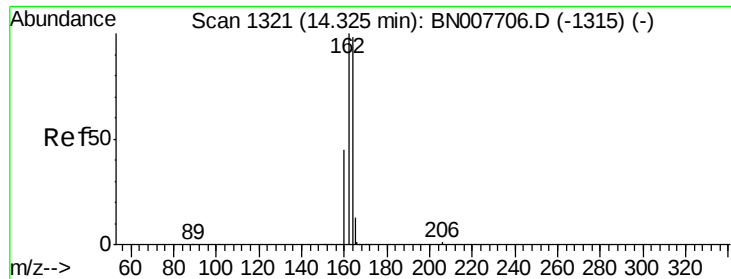
151 19.1 15.4 23.2



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: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

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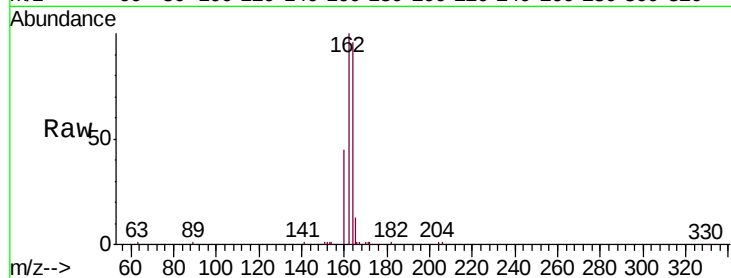
Tgt Ion:164 Resp: 14644

Ion Ratio Lower Upper

164 100

162 103.7 81.7 122.5

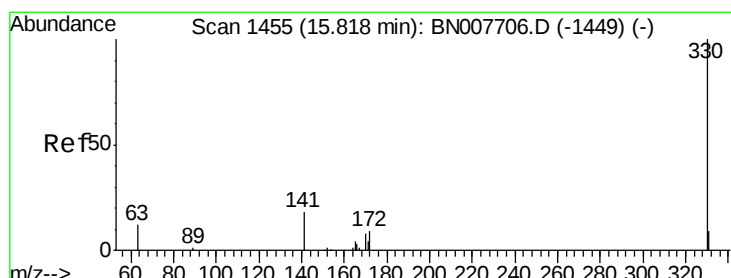
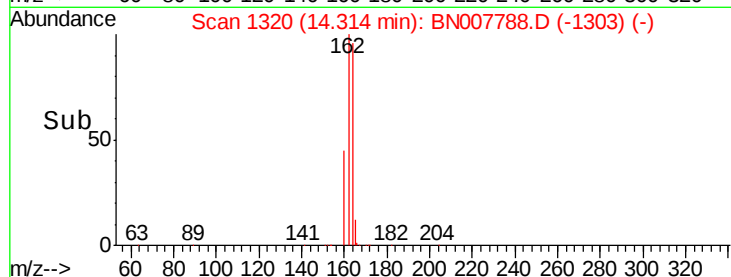
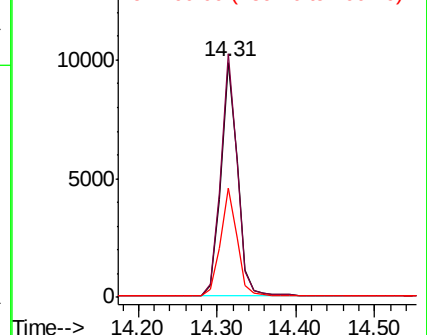
160 46.8 37.0 55.4



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: 0.153 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

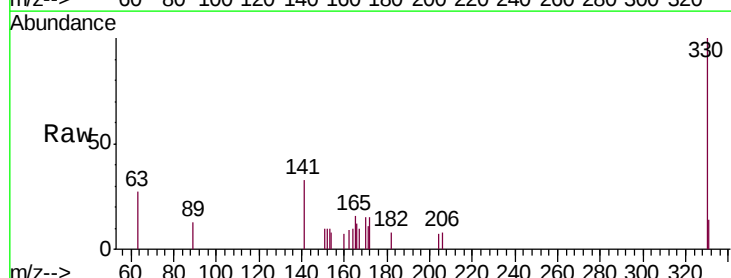
Tgt Ion:330 Resp: 1218

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

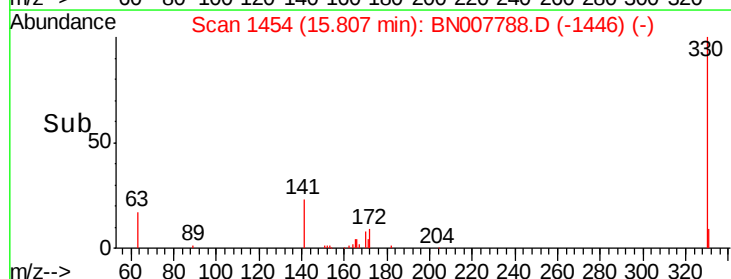
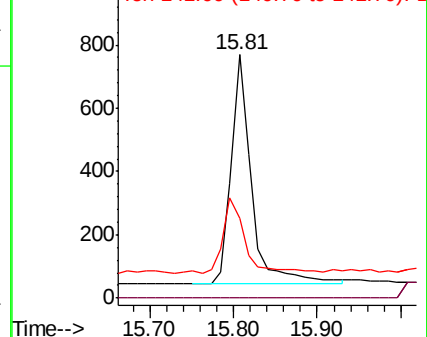
141 36.9 28.7 43.1

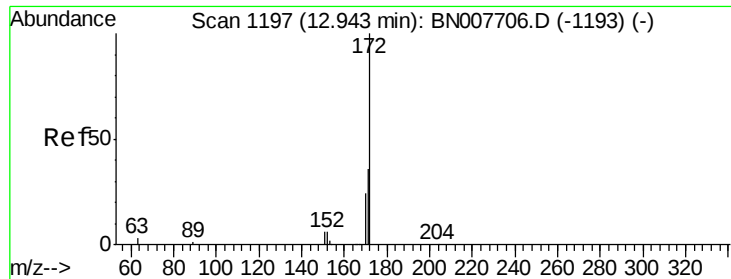


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

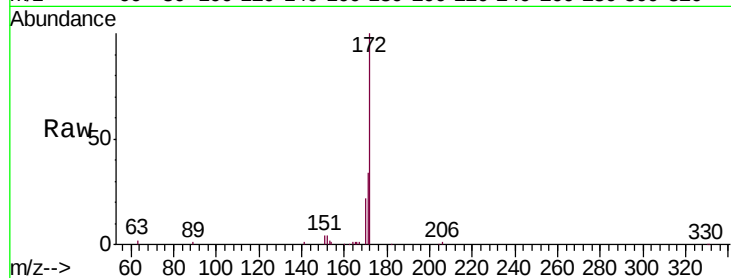




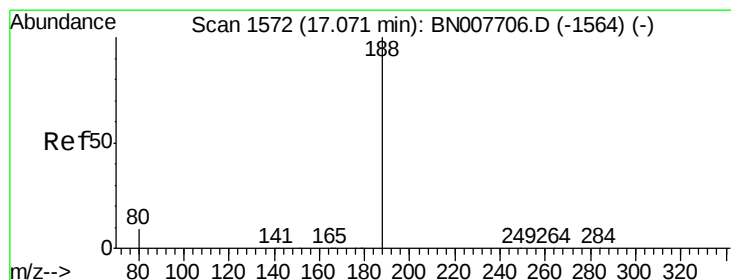
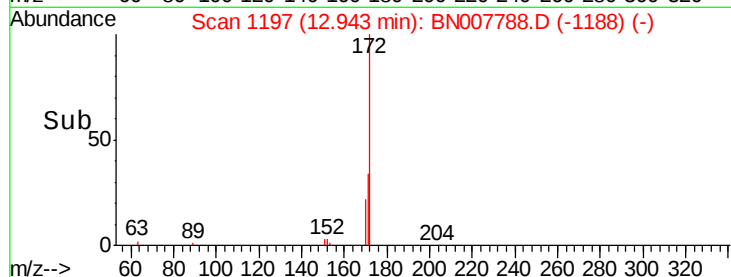
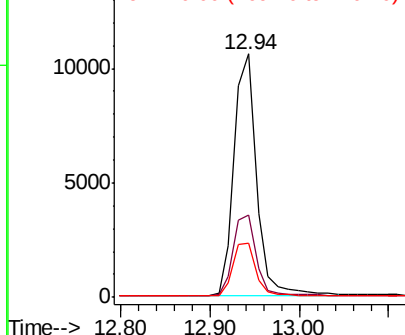
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007788.D
Acq: 21 Sep 2019 06:40

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Tgt Ion:172 Resp: 18797
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 22.1 19.5 29.3

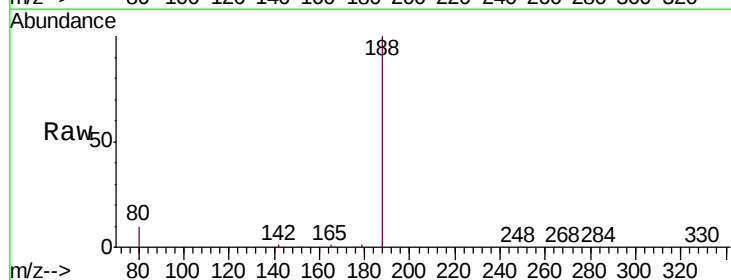


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

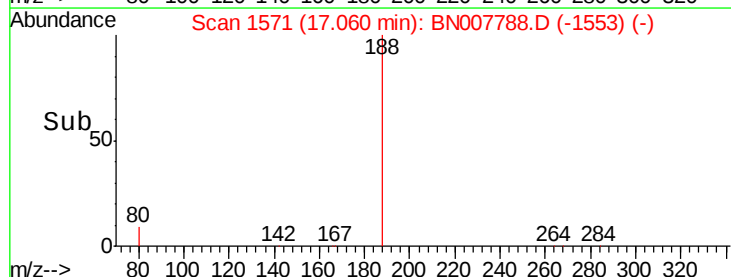
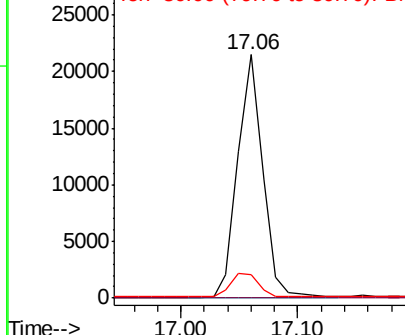


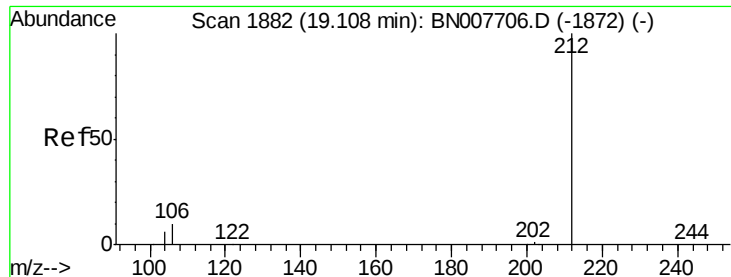
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007788.D
Acq: 21 Sep 2019 06:40

Tgt Ion:188 Resp: 31766
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 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





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

RE134D1-20190916

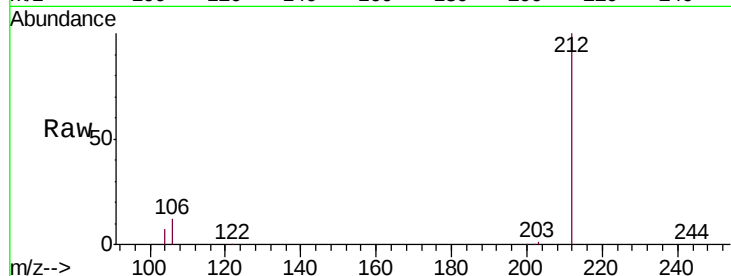
Tgt Ion:212 Resp: 34669

Ion Ratio Lower Upper

212 100

106 11.7 9.4 14.0

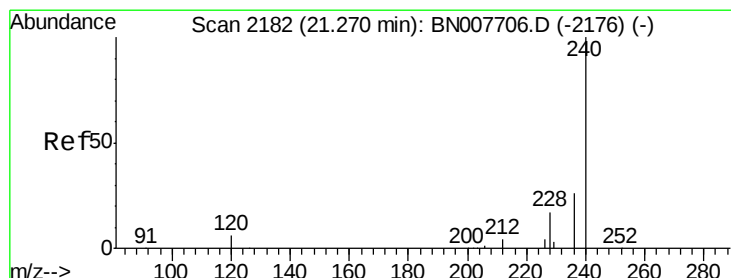
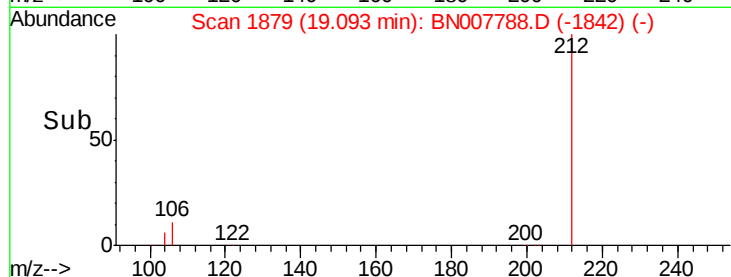
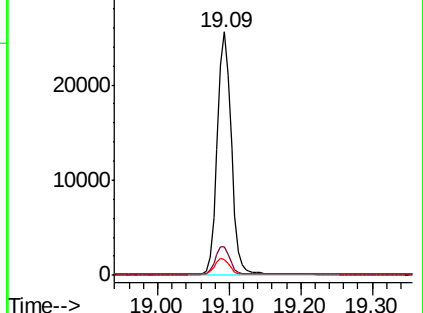
104 6.8 5.3 7.9



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: BN007788.D

Acq: 21 Sep 2019 06:40

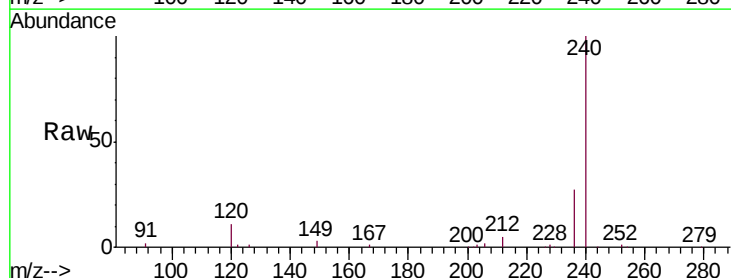
Tgt Ion:240 Resp: 36083

Ion Ratio Lower Upper

240 100

120 10.6 5.4 8.2#

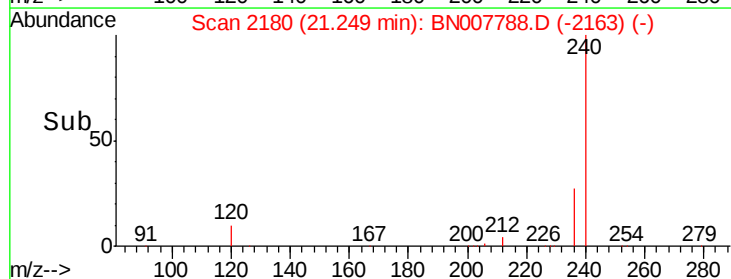
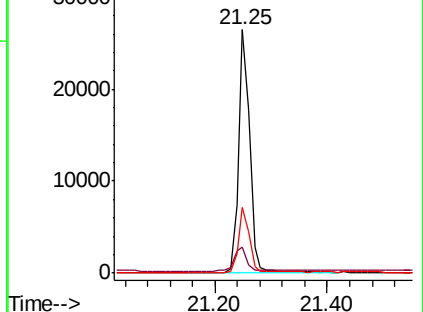
236 26.8 21.0 31.4

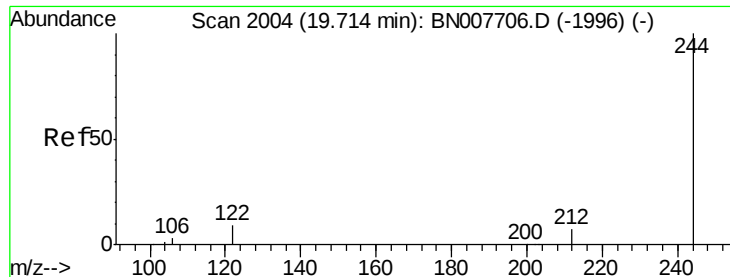


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.344 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

RE134D1-20190916

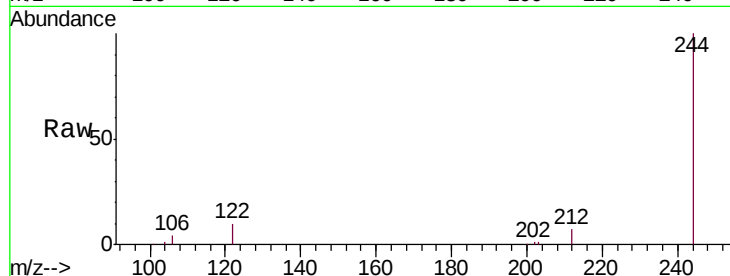
Tgt Ion:244 Resp: 30498

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

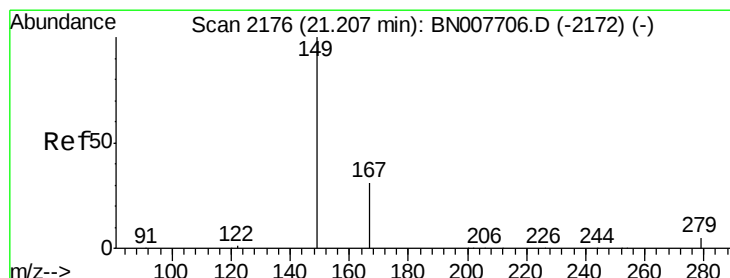
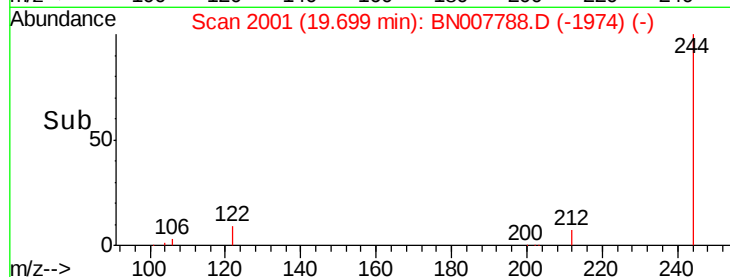
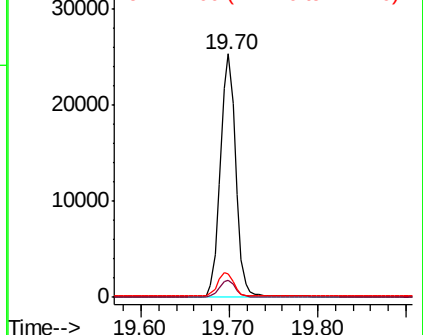
122 9.7 7.4 11.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

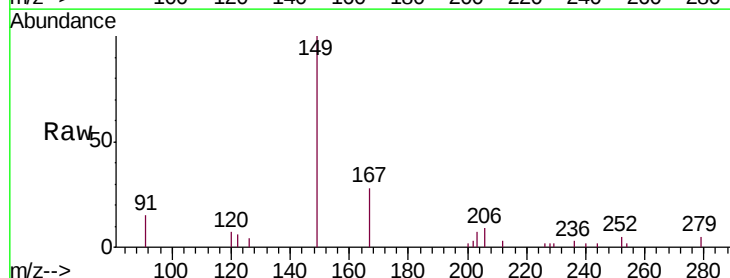
Tgt Ion:149 Resp: 3553

Ion Ratio Lower Upper

149 100

167 26.1 23.7 35.5

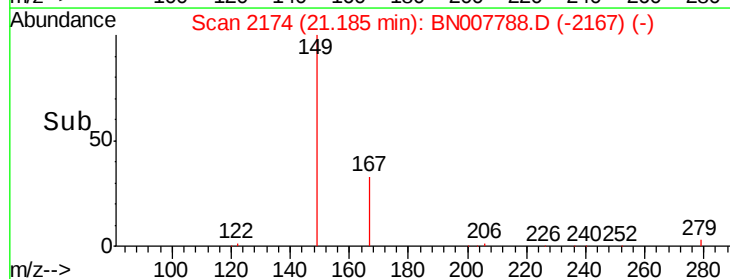
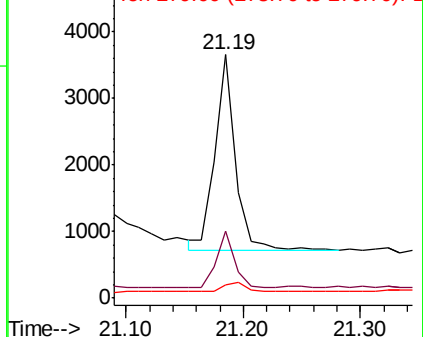
279 5.3 4.2 6.2

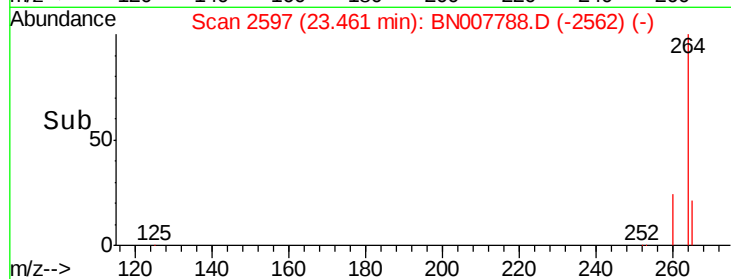
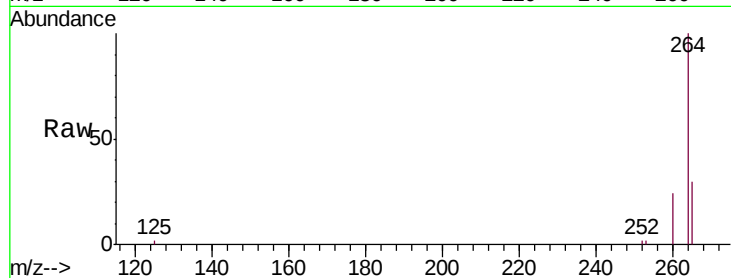
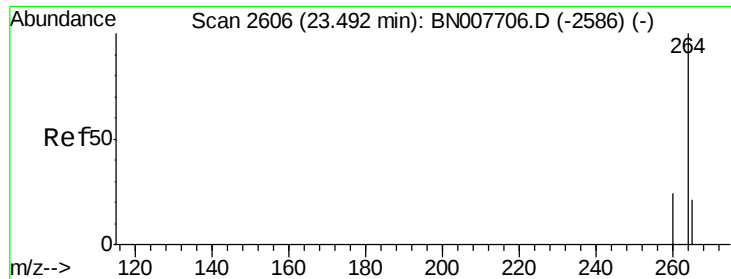


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.46 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BN007788.D

Acq: 21 Sep 2019 06:40

Instrument :

BNA_N

ClientSampleId :

RE134D1-20190916

Tgt Ion: 264 Resp: 41526

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 30.3 26.9 40.3

