

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092019\
 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 02:51:13 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

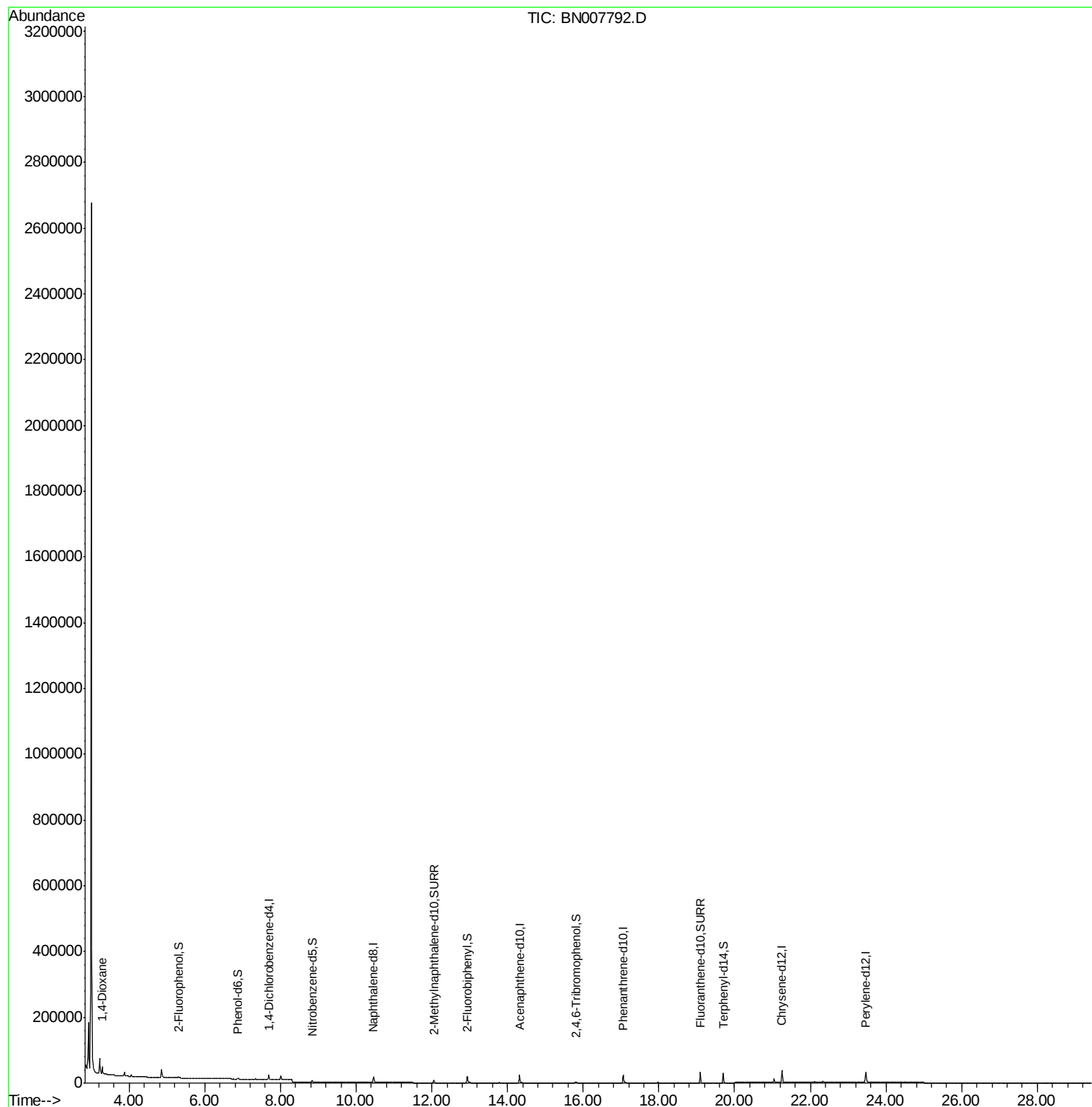
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6980	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26120	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15123	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	34202	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	36754	0.40	ng	-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	Qvalue # 92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
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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: BN007792.D

Acq: 21 Sep 2019 09:03

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BNA_N

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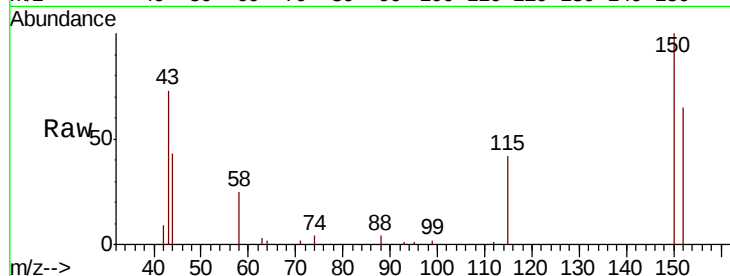
Tot Ion:152 Resp: 6980

Ion Ratio Lower Upper

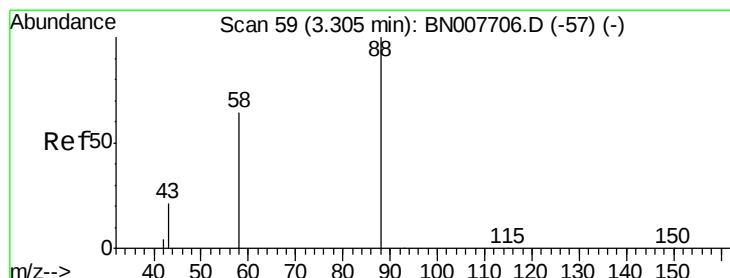
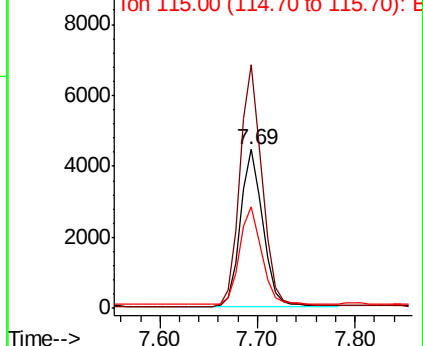
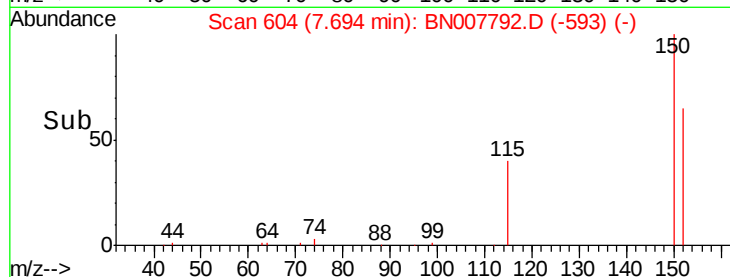
152 100

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

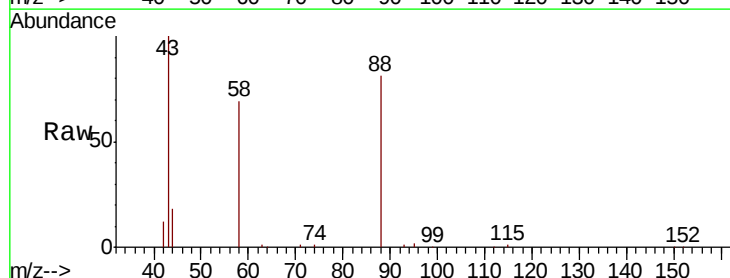
Tgt Ion: 88 Resp: 19316

Ion Ratio Lower Upper

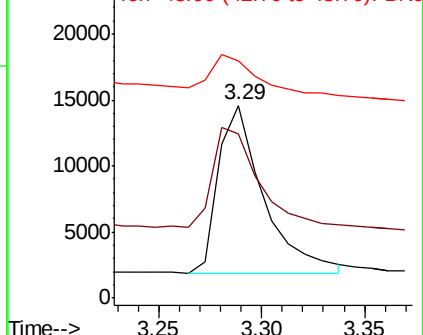
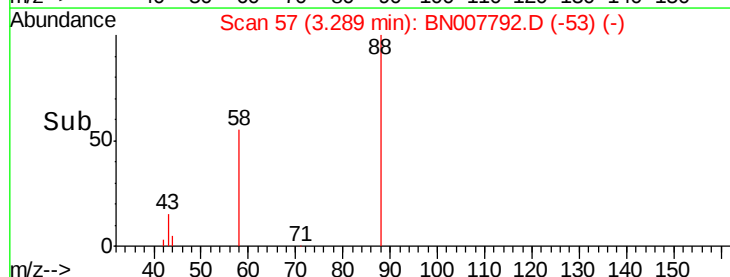
88 100

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





#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

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

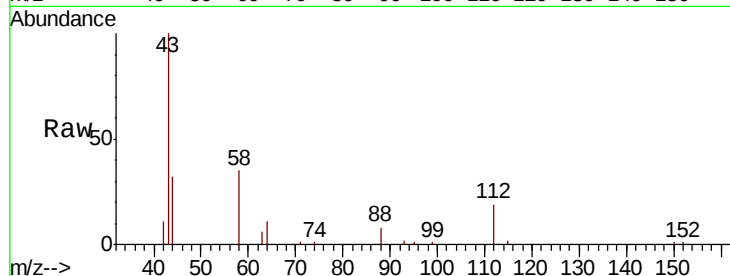
Tot Ion: 112 Resp: 2355

Ion Ratio Lower Upper

112 100

64 59.1 46.6 70.0

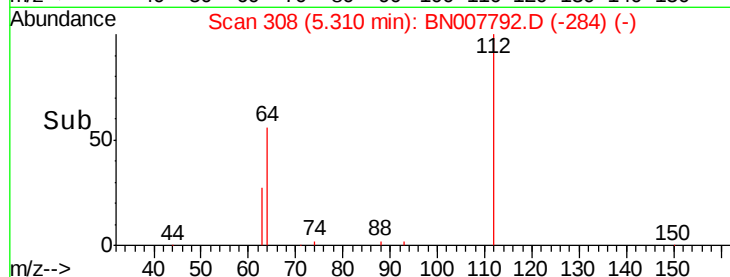
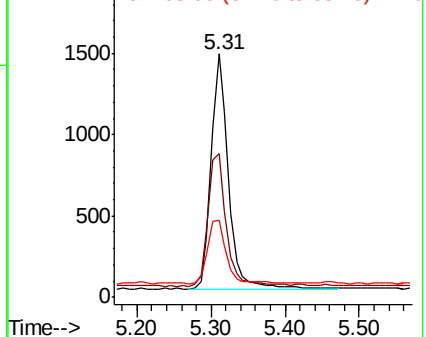
63 27.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#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

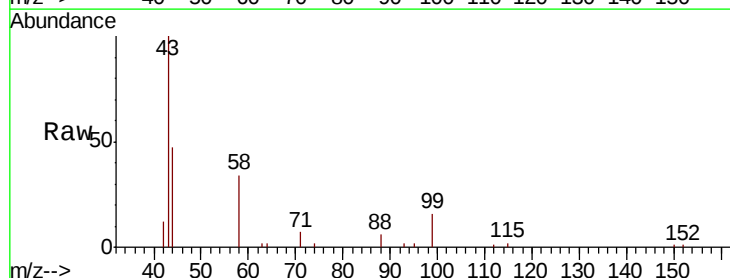
Tgt Ion: 99 Resp: 1813

Ion Ratio Lower Upper

99 100

42 24.2 12.8 19.2#

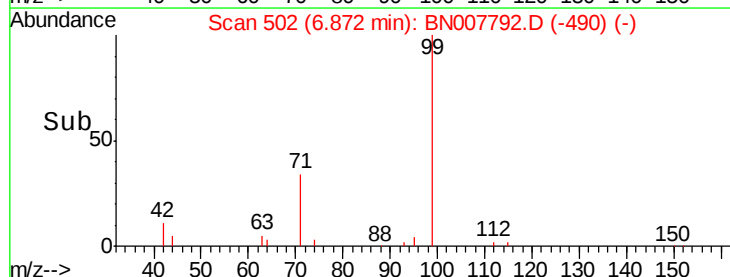
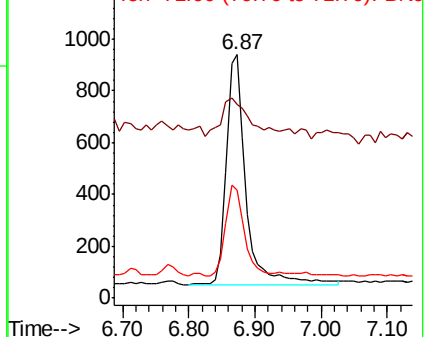
71 37.9 27.6 41.4

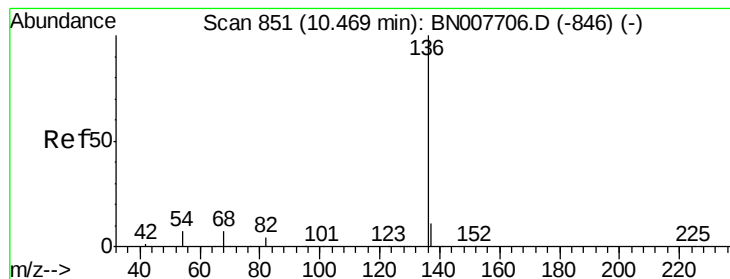


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#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

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

Tot Ion:136 Resp: 26120

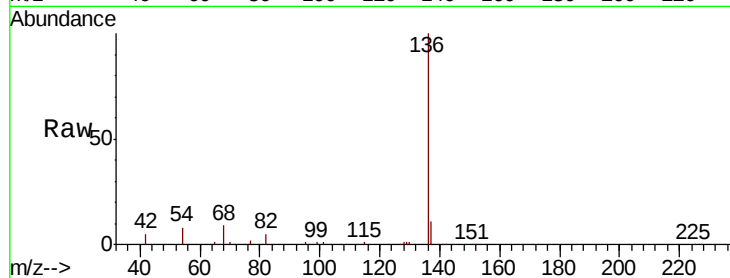
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.3 5.8 8.8

68 8.6 6.5 9.7

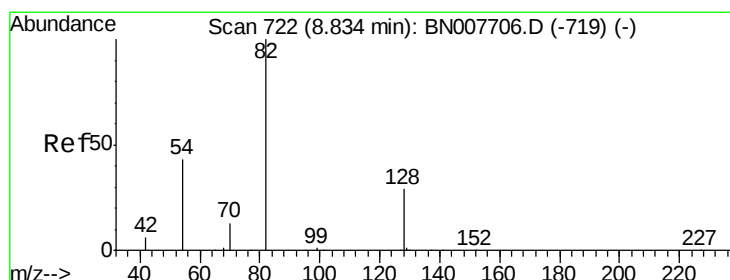
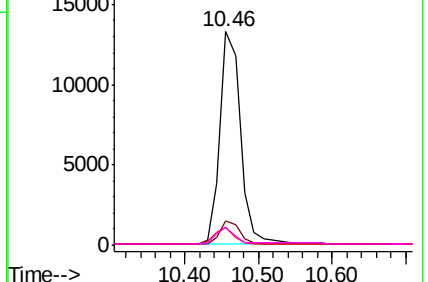
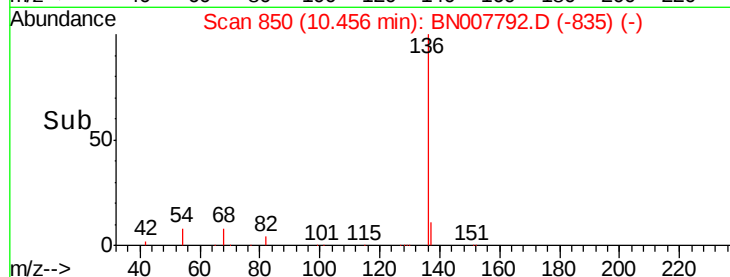


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#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

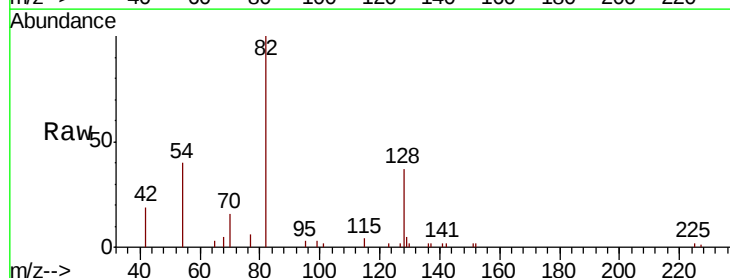
Tgt Ion: 82 Resp: 5802

Ion Ratio Lower Upper

82 100

128 36.8 24.5 36.7#

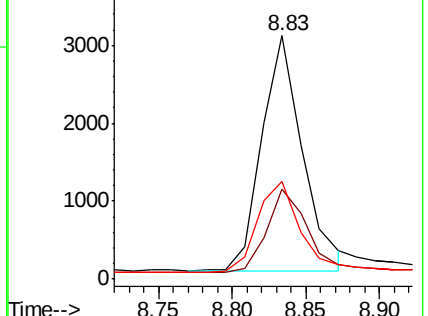
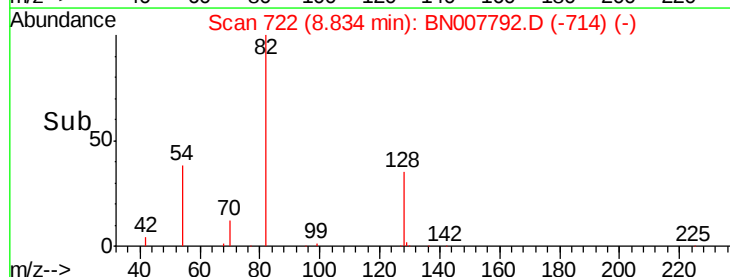
54 39.9 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

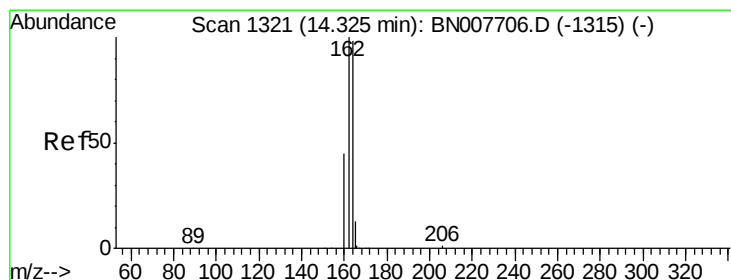
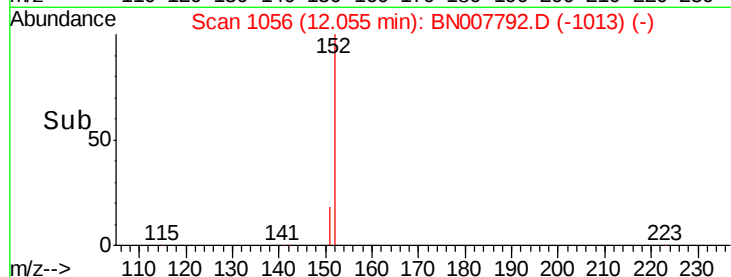
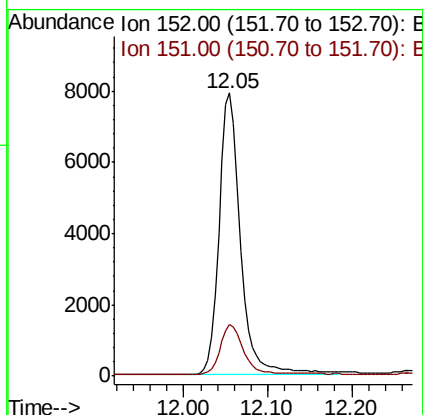
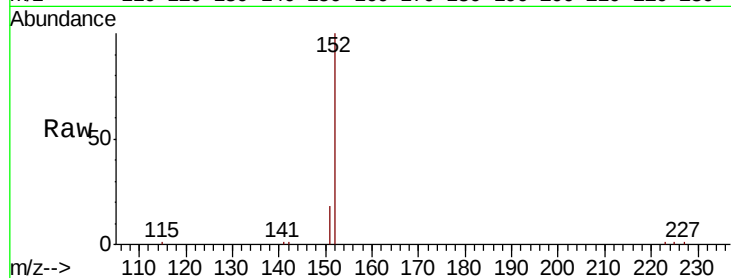




#11
 2-Methylnaphthalene-d10
 Concen: 0.318 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007792.D
 Acq: 21 Sep 2019 09:03

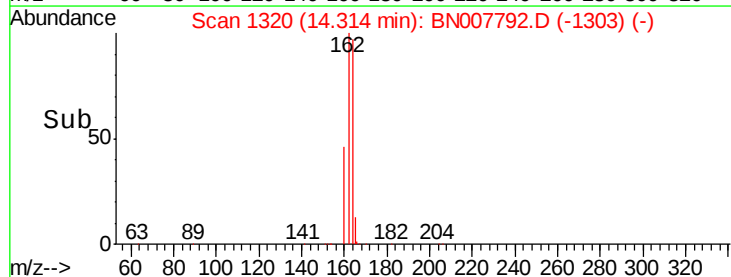
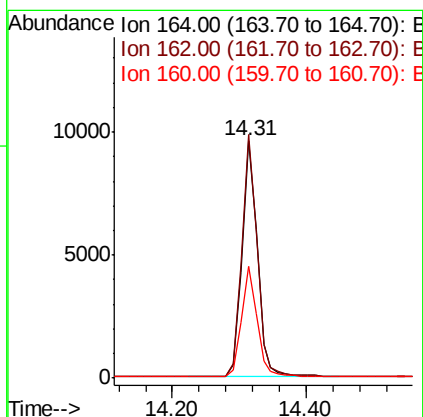
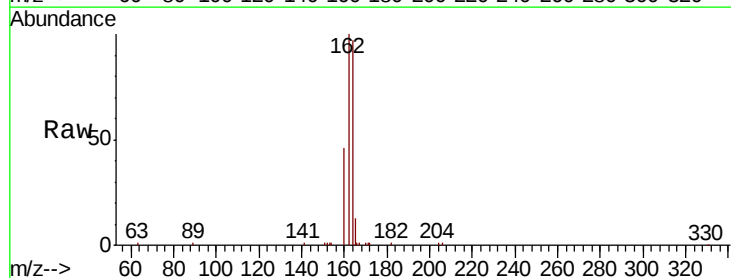
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20190917

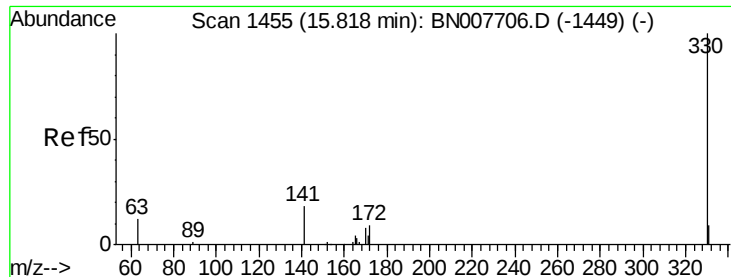
Tot Ion:152 Resp: 13984
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.4 23.2



#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

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

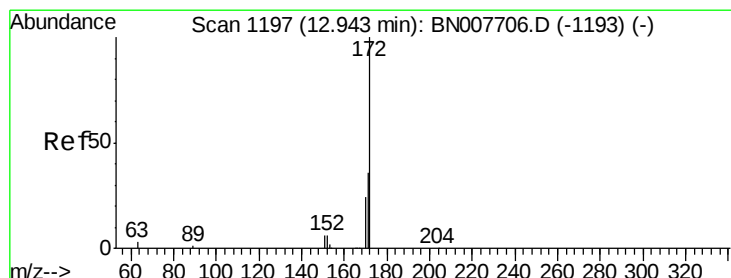
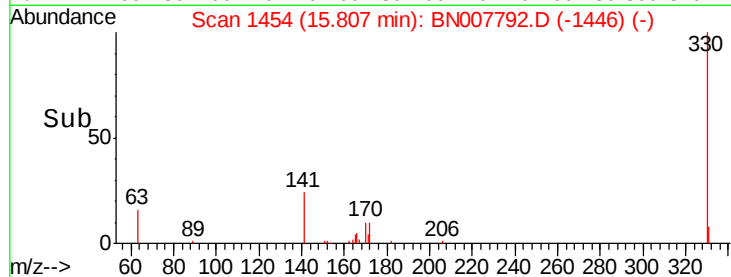
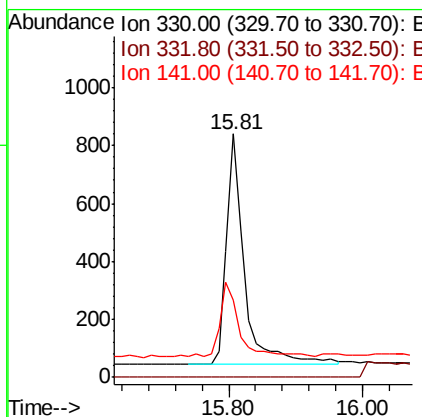
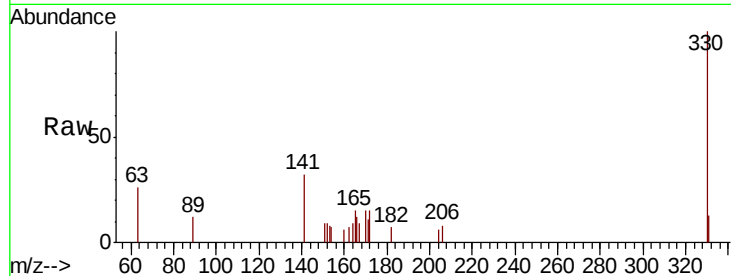




#14
 2,4,6-Tribromophenol
 Concen: 0.179 ng
 RT: 15.81 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BN007792.D
 Acq: 21 Sep 2019 09:03

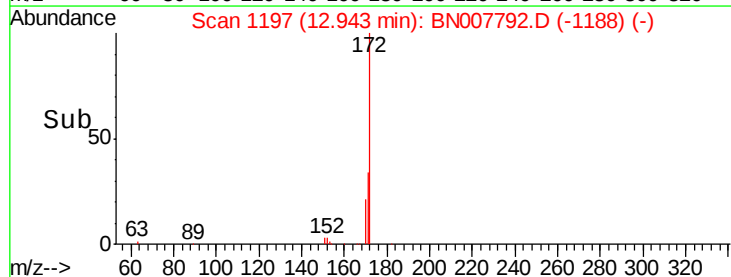
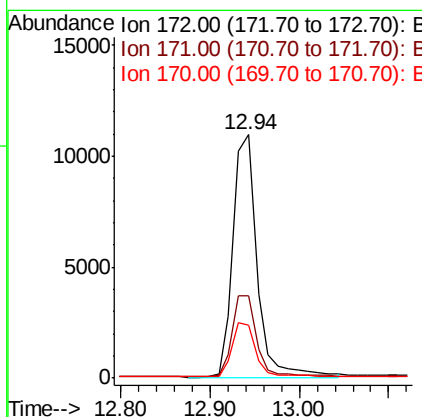
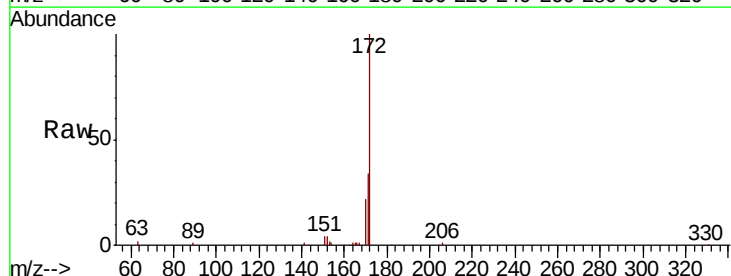
Instrument :
 BNA_N
 ClientSampleId :
 RE109D1-20190917

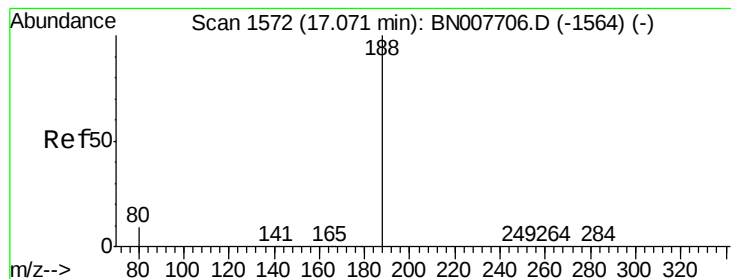
Tot Ion:330 Resp: 1478
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.2 28.7 43.1



#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

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

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

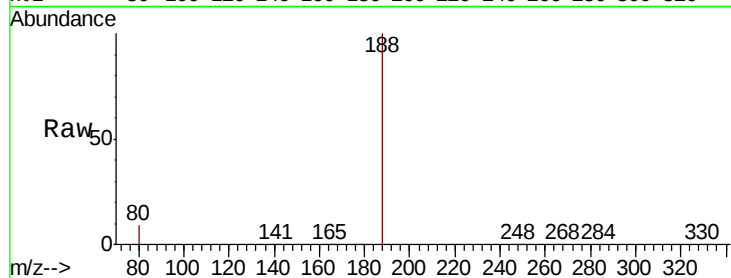
Tot Ion:188 Resp: 34202

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

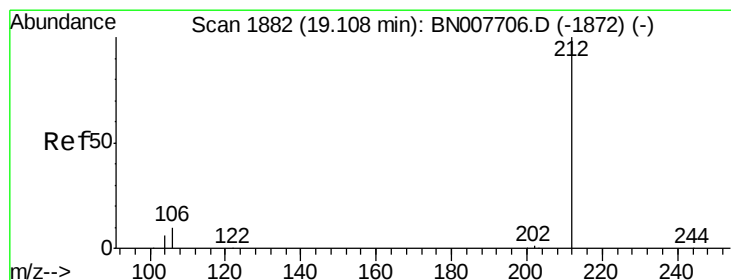
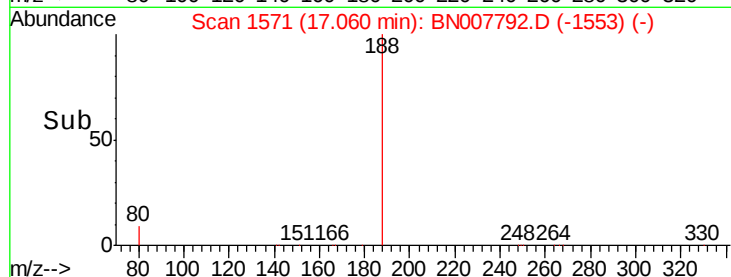
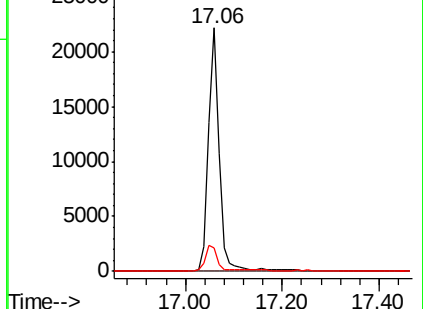
80 9.4 7.4 11.2



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: 0.325 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN007792.D

Acq: 21 Sep 2019 09:03

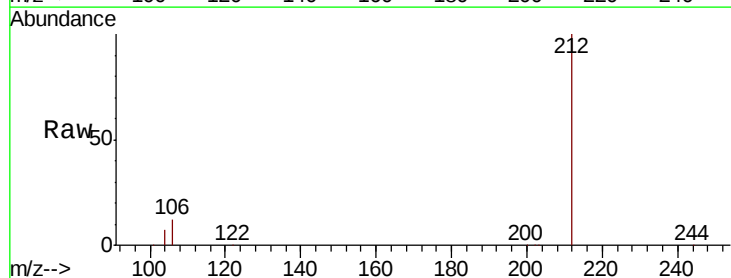
Tgt Ion:212 Resp: 37418

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

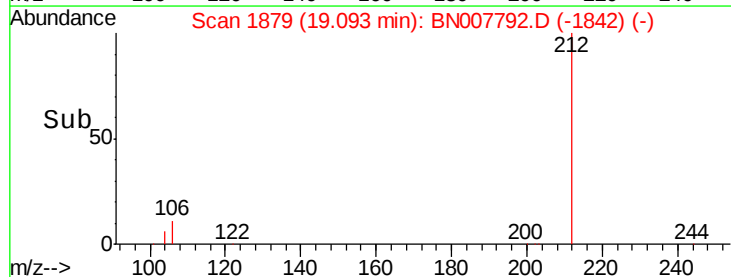
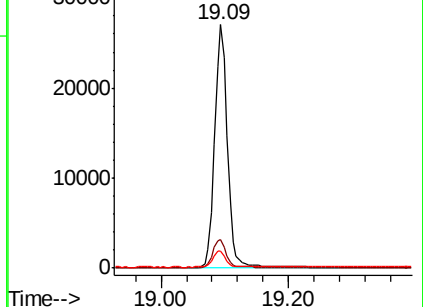
104 6.8 5.3 7.9

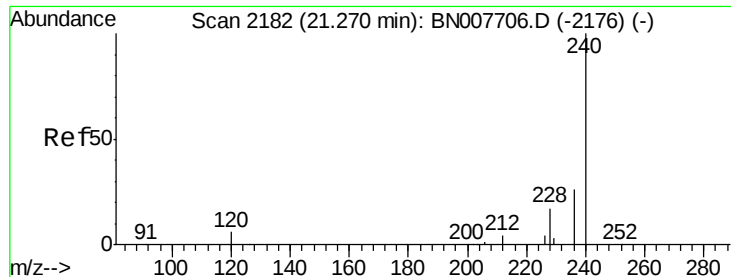


Abundance Ion 212.00 (211.70 to 212.70): E

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

Instrument :

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RE109D1-20190917

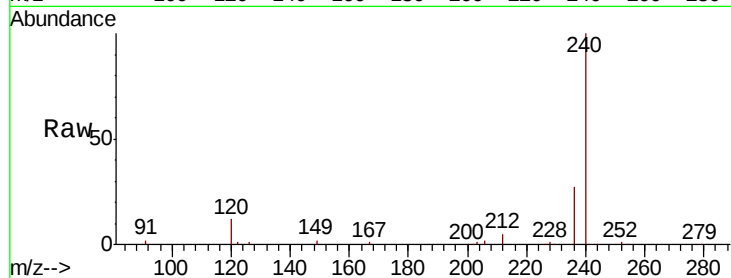
Tot Ion:240 Resp: 36754

Ion Ratio Lower Upper

240 100

120 11.8 5.4 8.2#

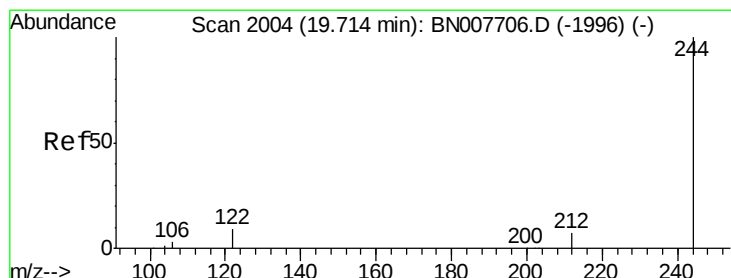
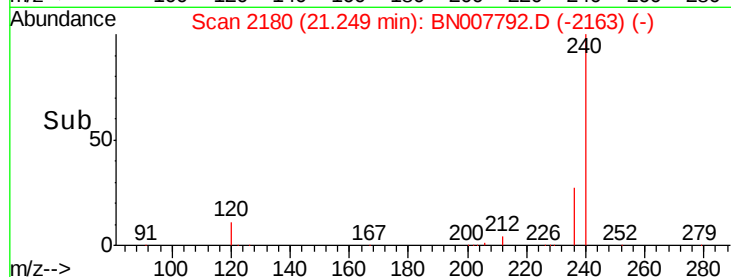
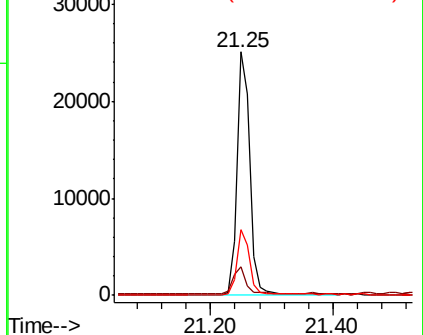
236 27.0 21.0 31.4



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

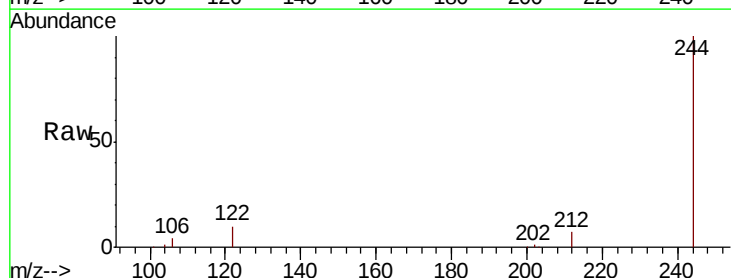
Tgt Ion:244 Resp: 31959

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

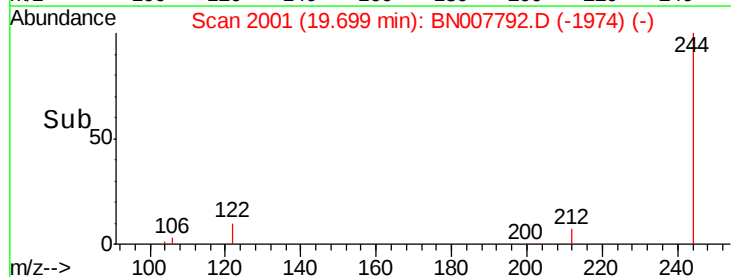
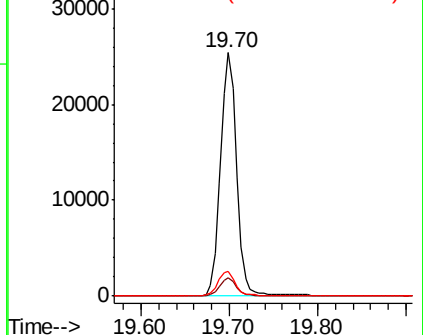
122 10.0 7.4 11.2

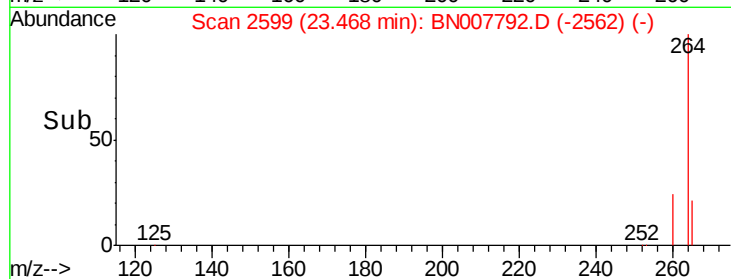
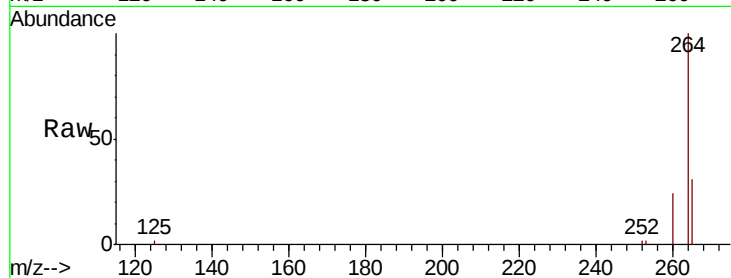
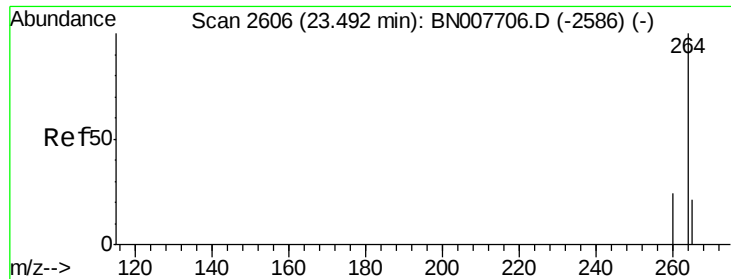


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-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

Instrument :

BNA_N

ClientSampleId :

RE109D1-20190917

Tot Ion: 264 Resp: 39826

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 30.6 26.9 40.3

