

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007717.D
 Acq On : 18 Sep 2019 22:05
 Operator : HP/JU
 Sample : K4883-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 07:26:03 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

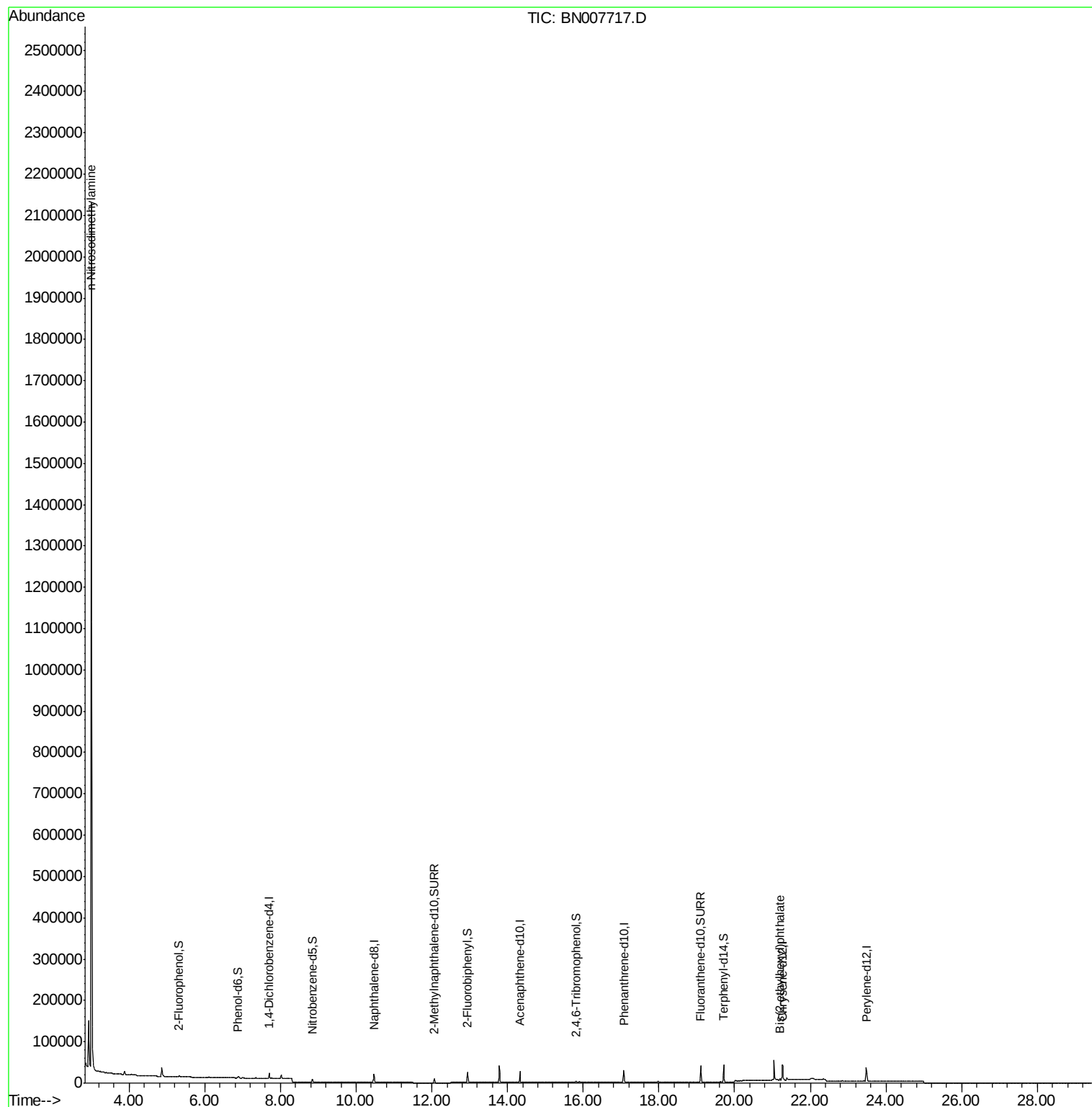
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6148	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25107	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	16238	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	36796	0.40	ng	0.00
27) Chrysene-d12	21.27	240	40194	0.40	ng	0.00
34) Perylene-d12	23.48	264	44340	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2942	0.14	ng	0.00
5) Phenol-d6	6.87	99	2546	0.09	ng	0.00
8) Nitrobenzene-d5	8.83	82	7304	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	14842	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2407	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	23070	0.34	ng	0.00
25) Fluoranthene-d10	19.10	212	45757	0.37	ng	0.00
29) Terphenyl-d14	19.71	244	40030	0.41	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.01	42	156016	49.709	ng	Qvalue # 67
32) Bis(2-ethylhexyl)phthalate	21.20	149	4601	0.060	ng	91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

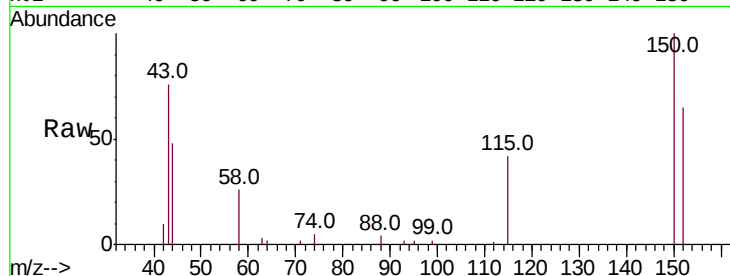
Tot Ion:152 Resp: 6148

Ion Ratio Lower Upper

152 100

150 153.1 125.6 188.4

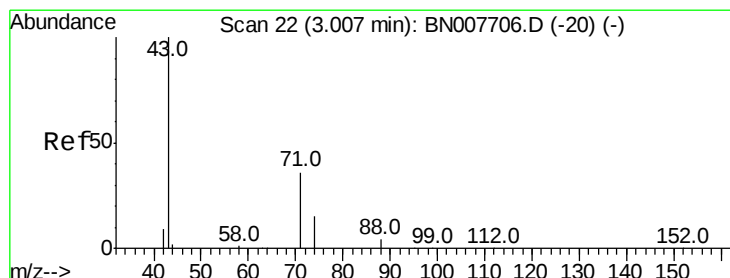
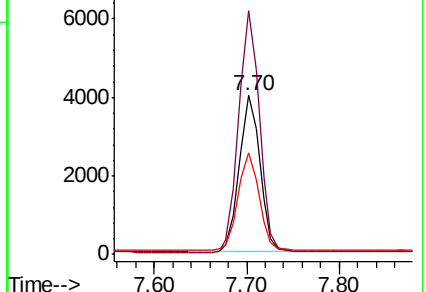
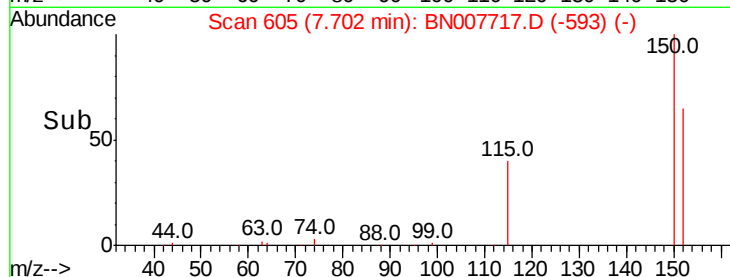
115 64.0 53.3 79.9



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



#3

n-Nitrosodimethylamine

Concen: 49.709 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

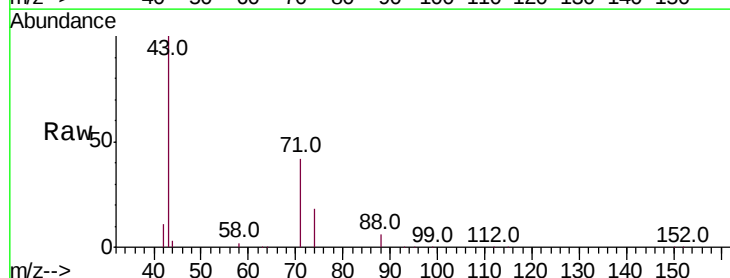
Tgt Ion: 42 Resp: 156016

Ion Ratio Lower Upper

42 100

74 151.2 87.9 131.9#

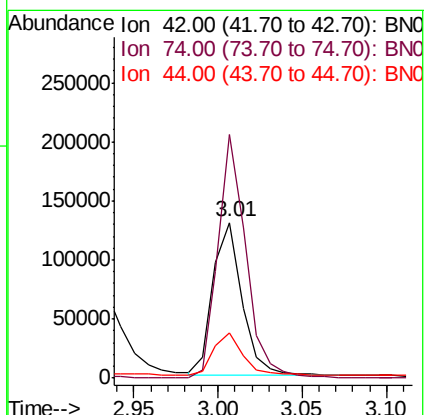
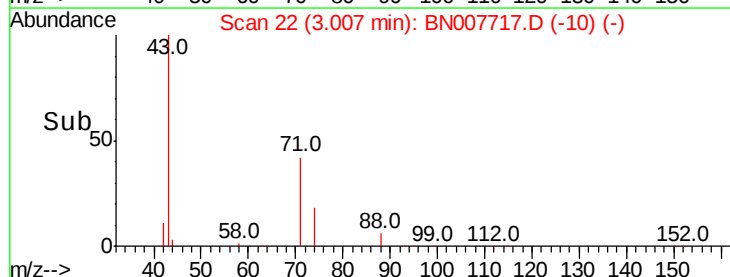
44 27.1 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.139 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

ClientSampled :

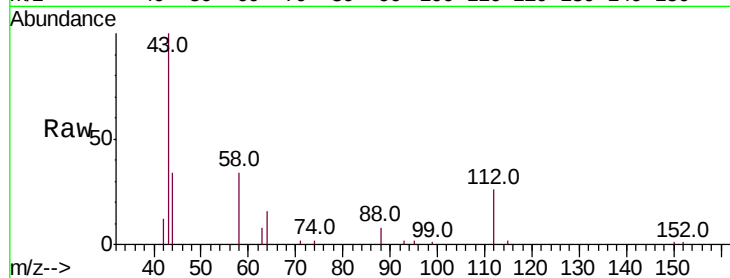
Tot Ion:112 Resp: 2942

Ion Ratio Lower Upper

112 100

64 59.2 46.6 70.0

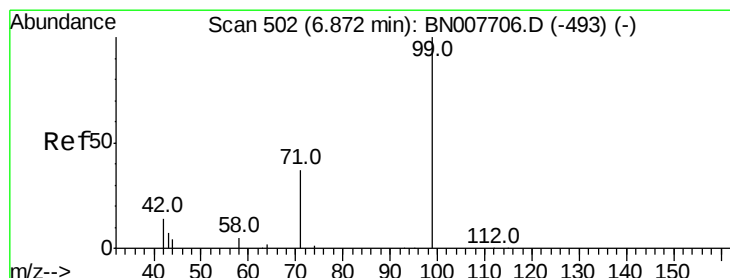
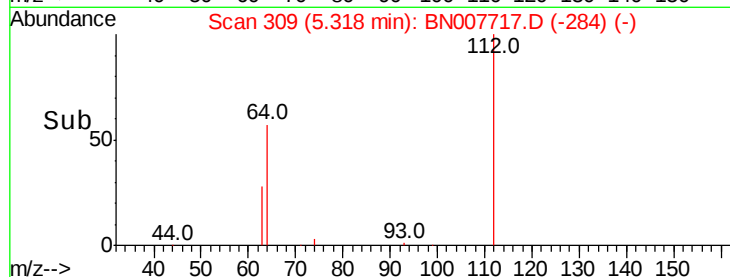
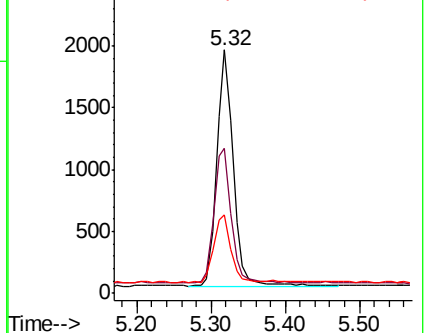
63 29.8 23.1 34.7



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: 0.092 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

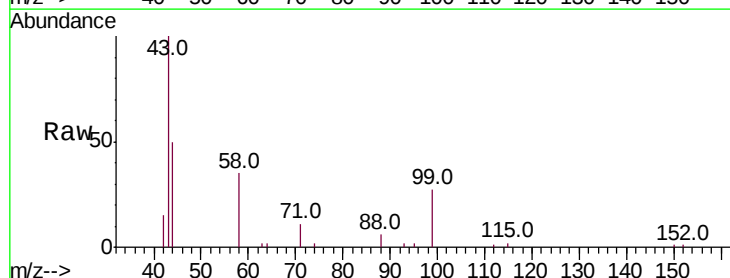
Tgt Ion: 99 Resp: 2546

Ion Ratio Lower Upper

99 100

42 21.5 12.8 19.2#

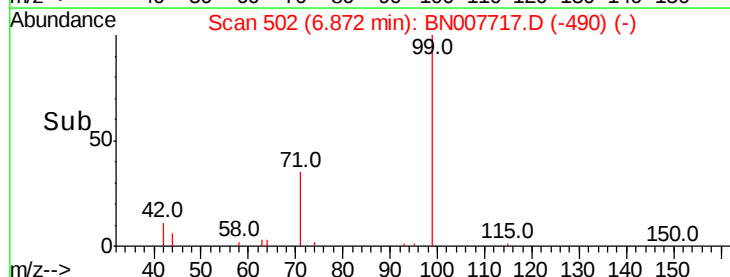
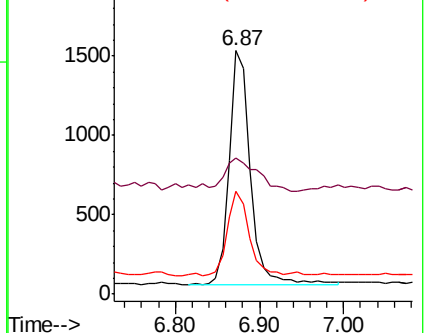
71 37.2 27.6 41.4

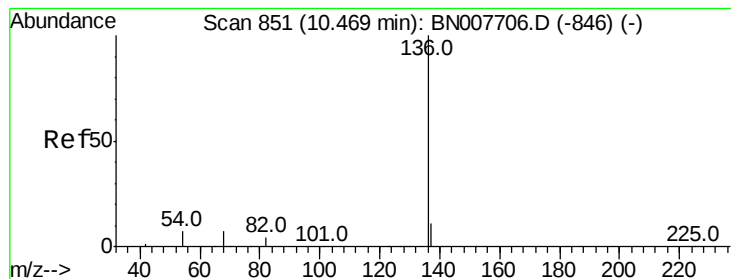


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 25107

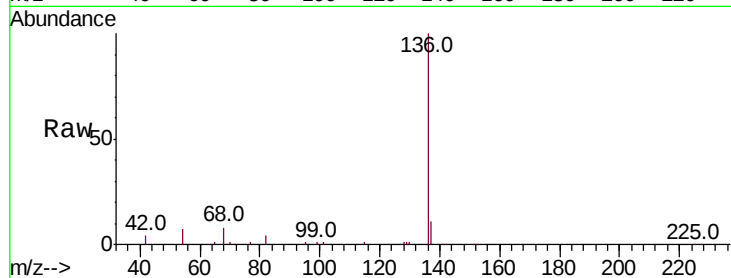
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.0 5.8 8.8

68 7.5 6.5 9.7

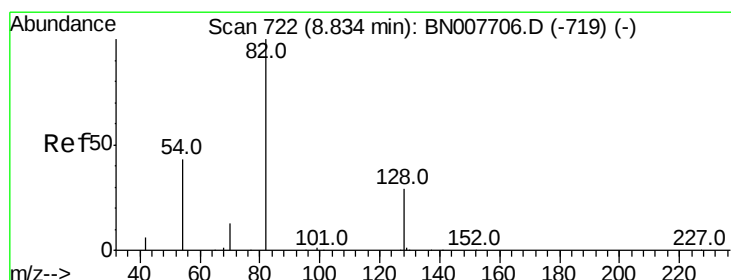
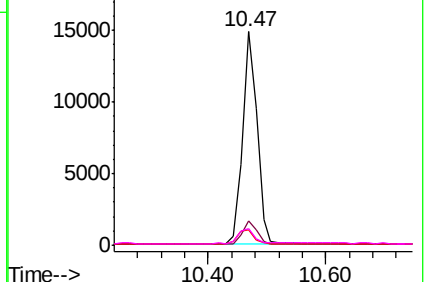
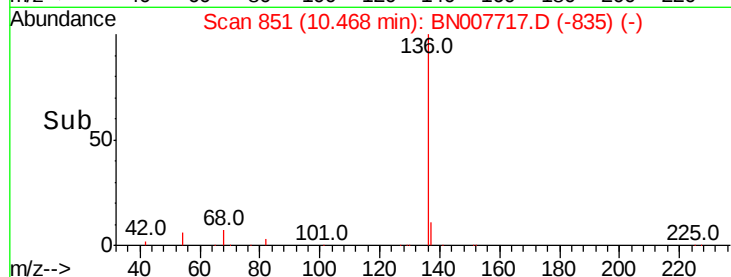


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

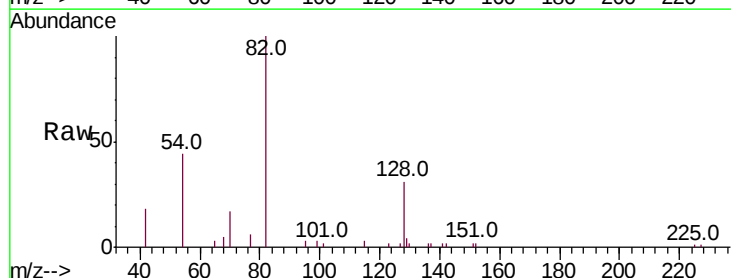
Tgt Ion: 82 Resp: 7304

Ion Ratio Lower Upper

82 100

128 31.3 24.5 36.7

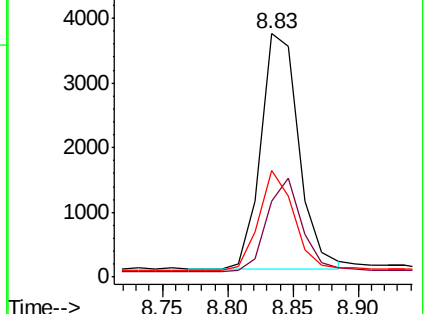
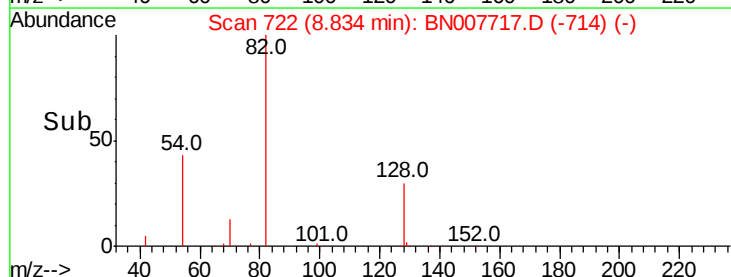
54 44.0 35.2 52.8

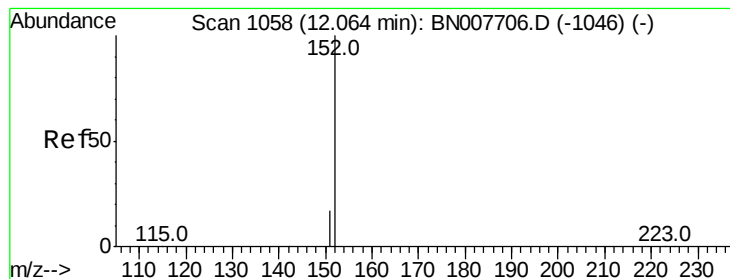


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

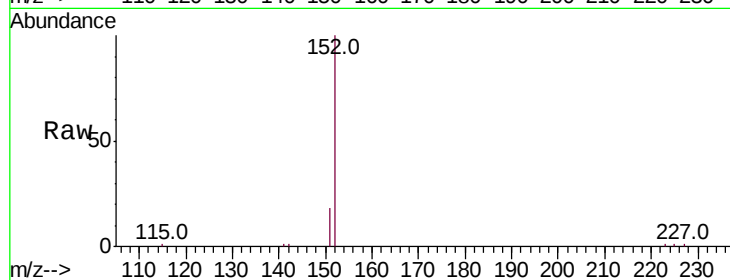
ClientSampled :

Tot Ion:152 Resp: 14842

Ion Ratio Lower Upper

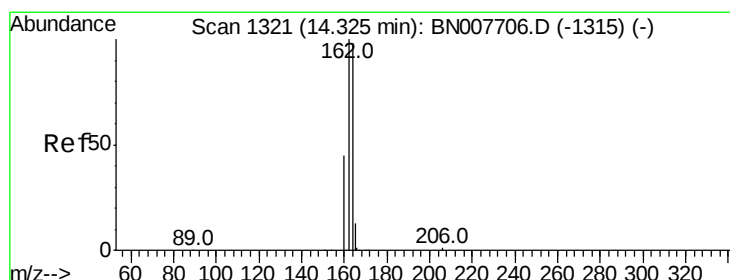
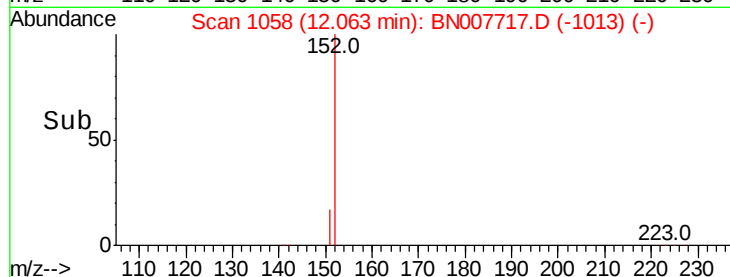
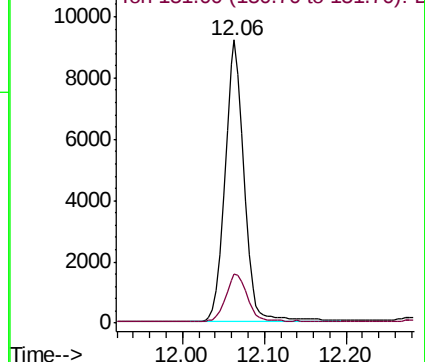
152 100

151 18.8 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

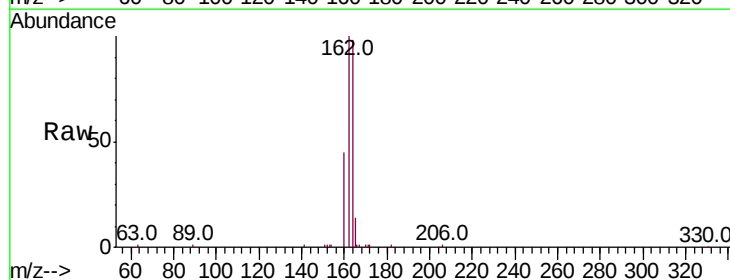
Tgt Ion:164 Resp: 16238

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

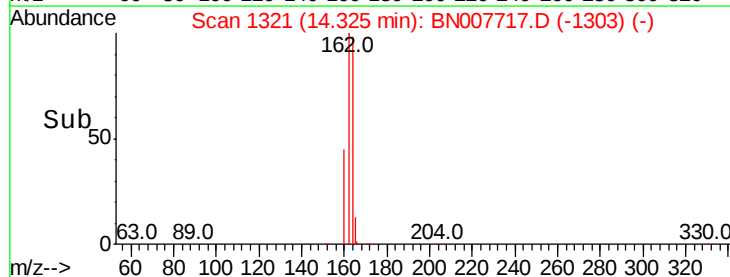
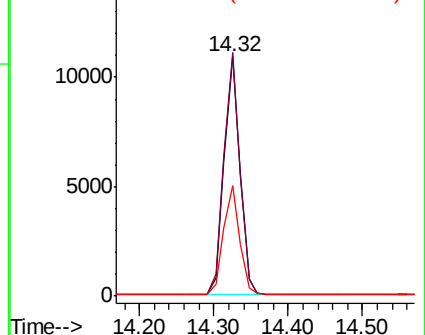
160 45.9 37.0 55.4

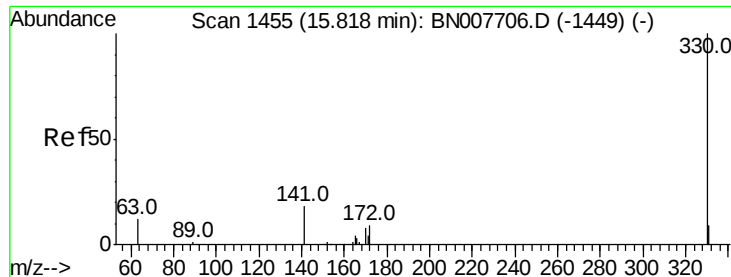


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

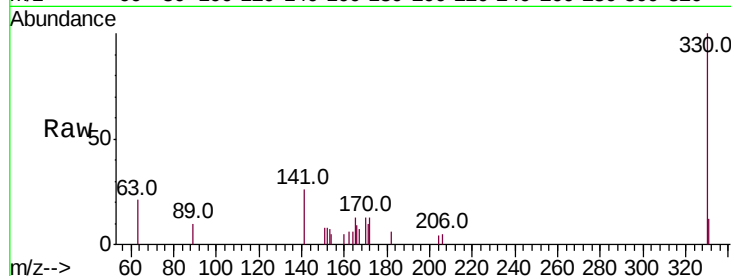




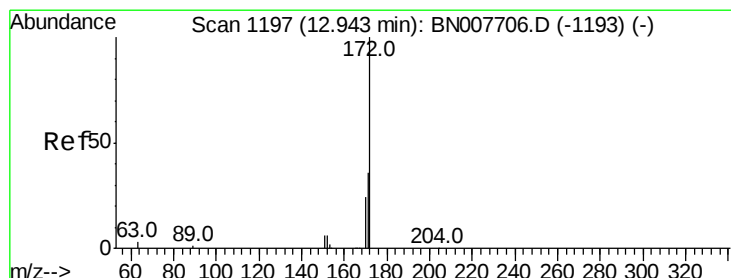
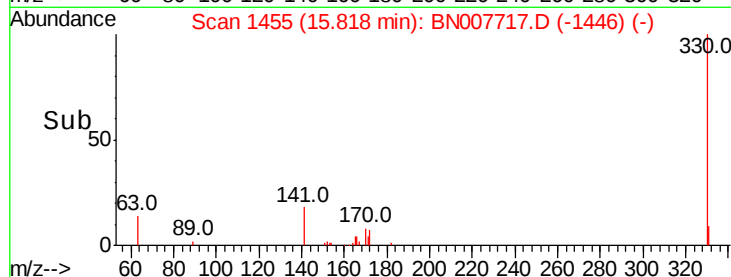
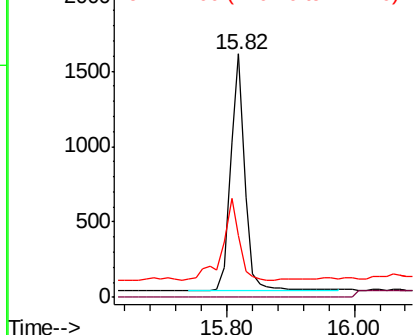
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007717.D
 Acq: 18 Sep 2019 22:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 2407
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.3 28.7 43.1

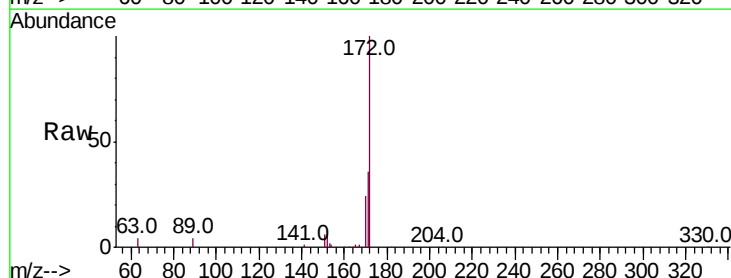


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

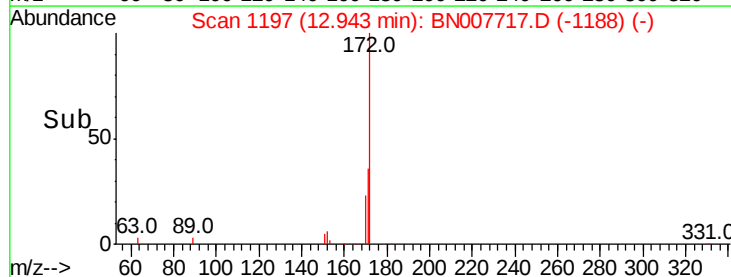
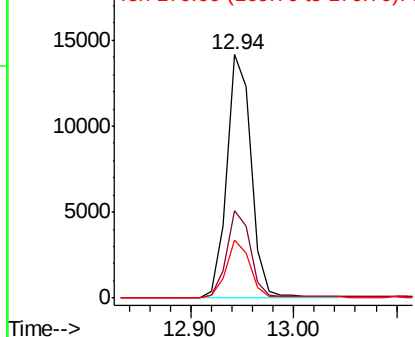


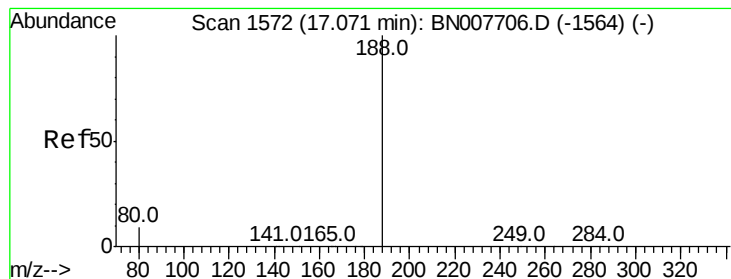
#15
 2-Fluorobiphenyl
 Concen: 0.345 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007717.D
 Acq: 18 Sep 2019 22:05

Tgt Ion:172 Resp: 23070
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.8 43.2
 170 23.7 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: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

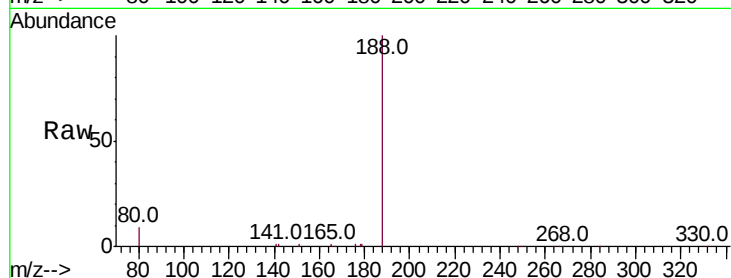
Tot Ion:188 Resp: 36796

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

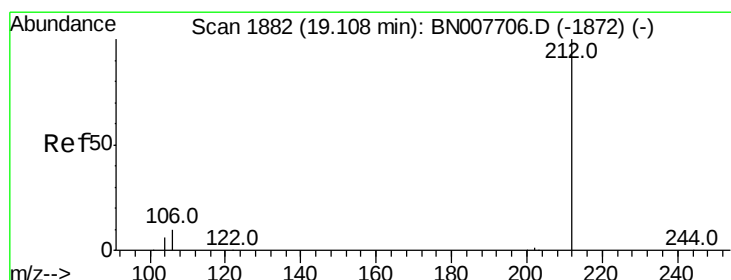
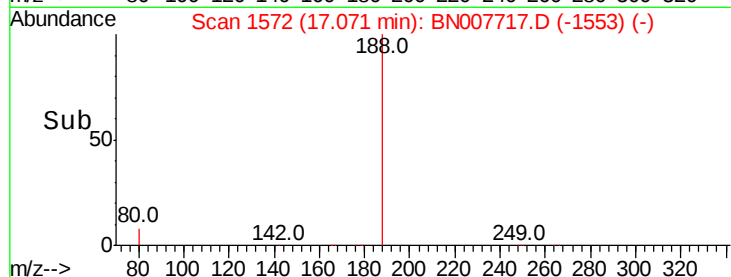
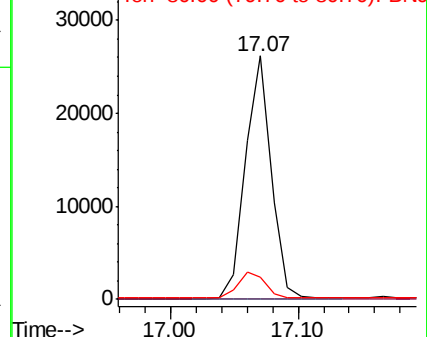
80 8.9 7.4 11.2



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: 0.369 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

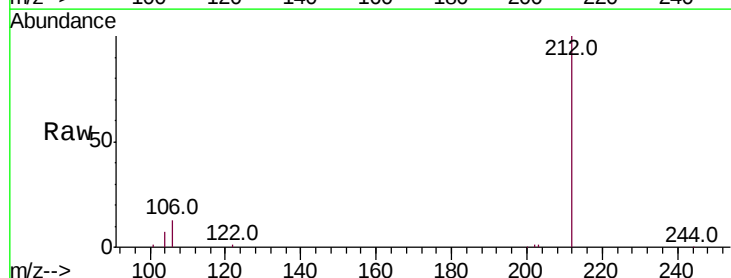
Tgt Ion:212 Resp: 45757

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

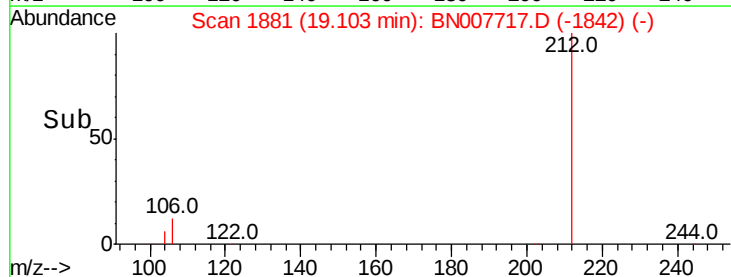
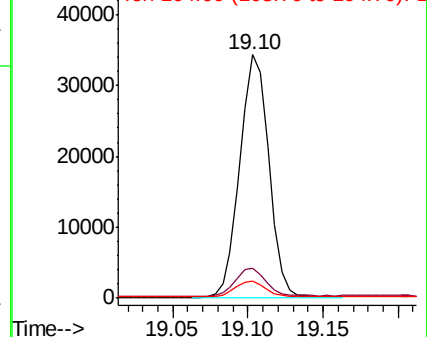
104 6.6 5.3 7.9

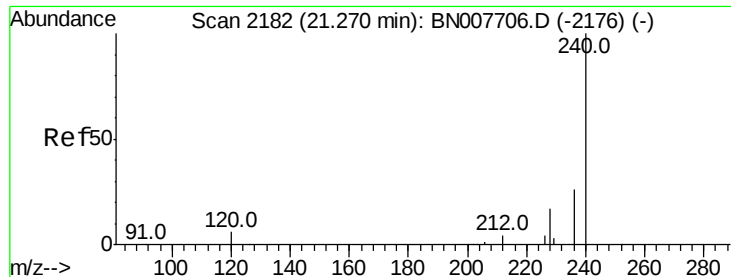


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

Instrument :

BNA_N

ClientSampleId :

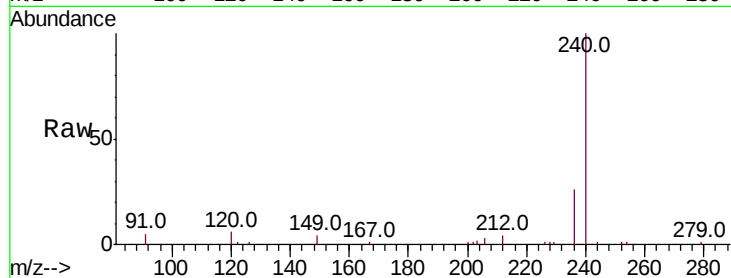
Tot Ion:240 Resp: 40194

Ion Ratio Lower Upper

240 100

120 5.7 5.4 8.2

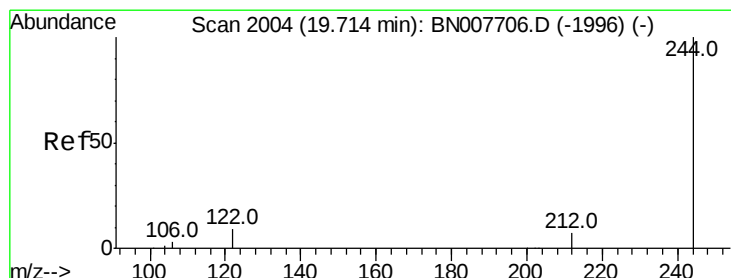
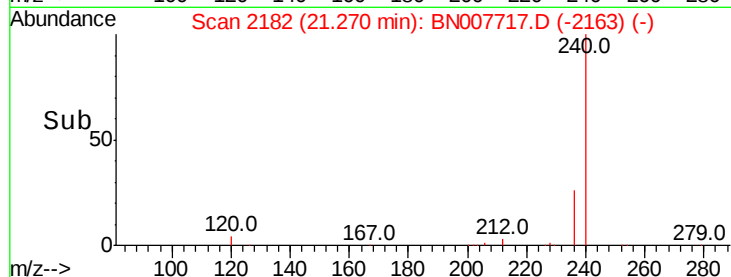
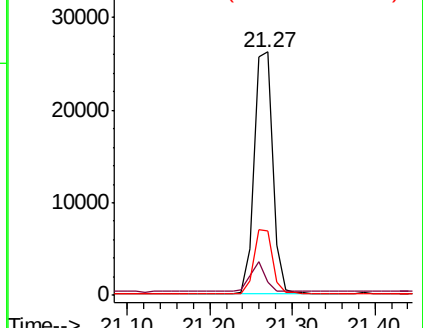
236 26.4 21.0 31.4



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: 0.405 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007717.D

Acq: 18 Sep 2019 22:05

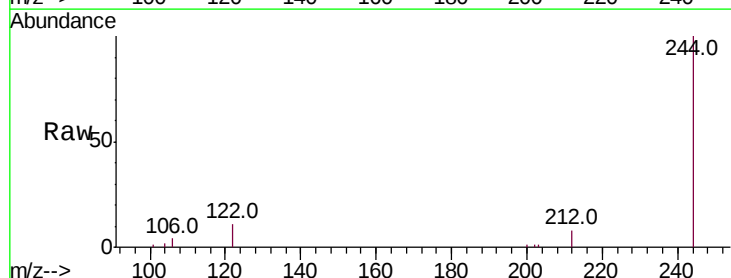
Tgt Ion:244 Resp: 40030

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

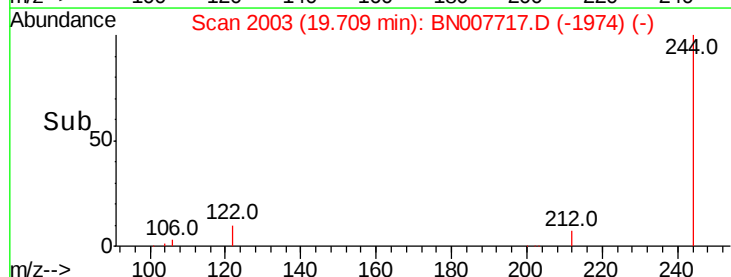
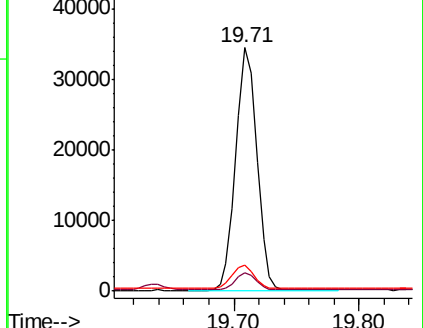
122 10.8 7.4 11.2

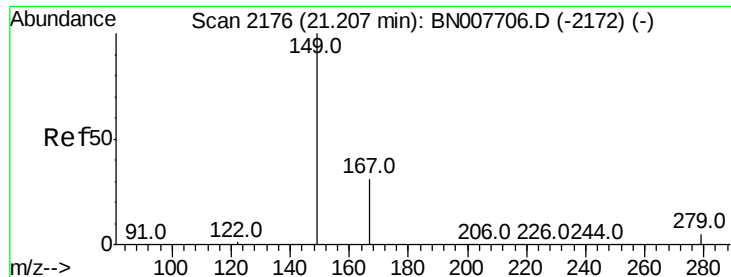


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

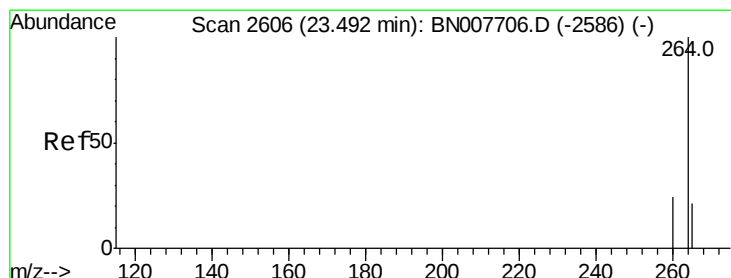
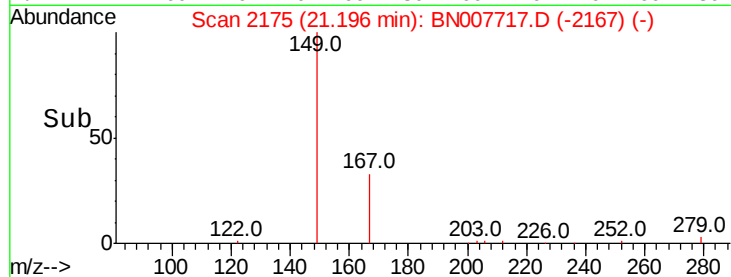
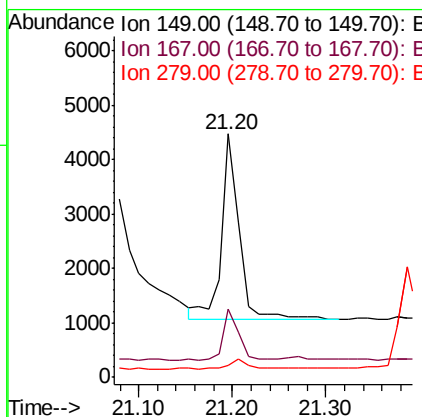
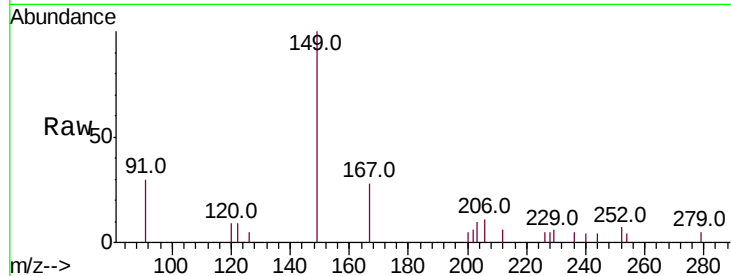




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.060 ng
 RT: 21.20 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BN007717.D
 Acq: 18 Sep 2019 22:05

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:149 Resp: 4601
 Ion Ratio Lower Upper
 149 100
 167 24.1 23.7 35.5
 279 4.9 4.2 6.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BN007717.D
 Acq: 18 Sep 2019 22:05

Tgt Ion:264 Resp: 44340
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 32.7 26.9 40.3

