

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091819\
 Data File : BN007738.D
 Acq On : 19 Sep 2019 13:25
 Operator : HP/JU
 Sample : K4858-02DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20190909DL

Quant Time: Sep 19 15:31:30 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

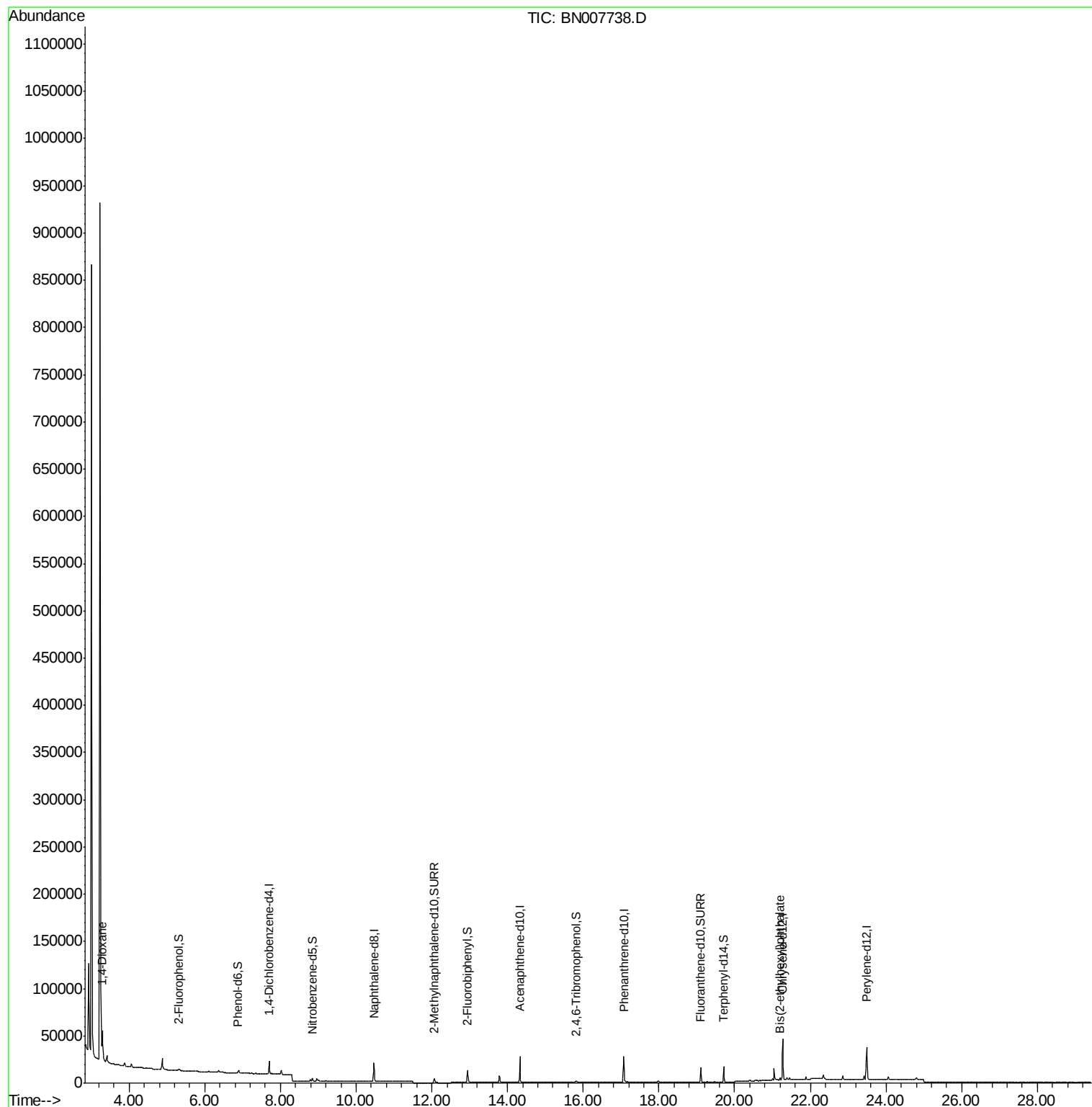
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6671	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	25922	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	15339	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	35870	0.40	ng	0.00
27) Chrysene-d12	21.27	240	40721	0.40	ng	0.00
34) Perylene-d12	23.49	264	45422	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1273	0.06	ng	0.00
5) Phenol-d6	6.87	99	994	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	3129	0.14	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	6873	0.16	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	933	0.11	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	11437	0.18	ng	0.00
25) Fluoranthene-d10	19.10	212	19119	0.16	ng	0.00
29) Terphenyl-d14	19.71	244	17167	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	22798	3.066	ng	Qvalue # 91
32) Bis(2-ethylhexyl)phthalate	21.20	149	3452	0.045	ng	99

(#) = 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: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleId :

RE103D1-20190909DL

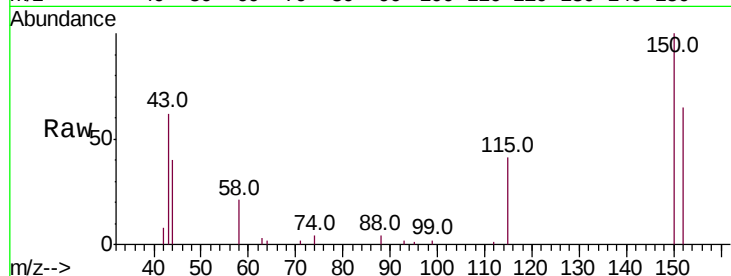
Tot Ion:152 Resp: 6671

Ion Ratio Lower Upper

152 100

150 154.0 125.6 188.4

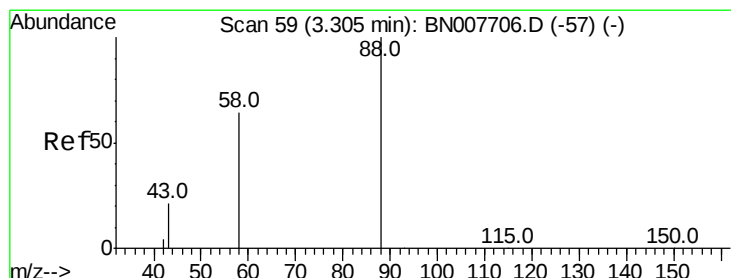
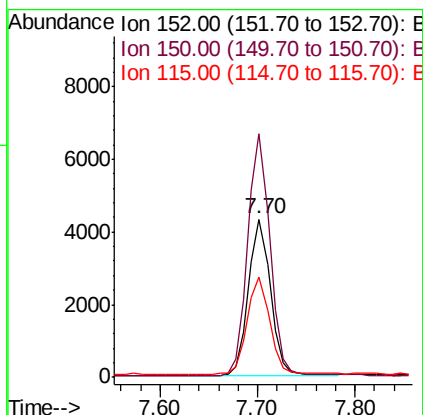
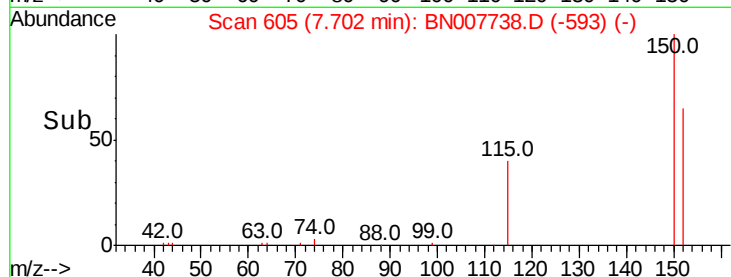
115 63.2 53.3 79.9



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: 3.066 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

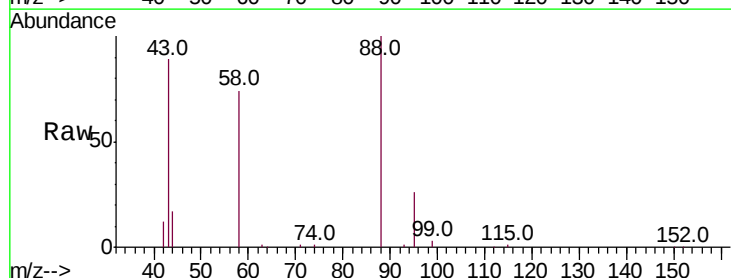
Tgt Ion: 88 Resp: 22798

Ion Ratio Lower Upper

88 100

58 61.7 44.6 66.8

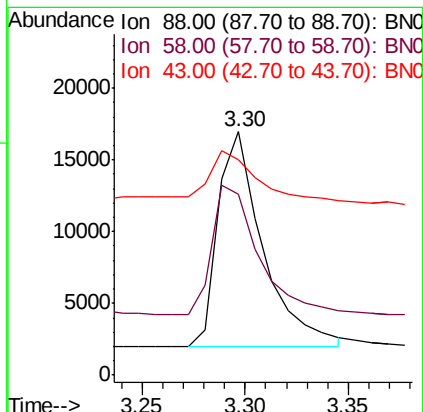
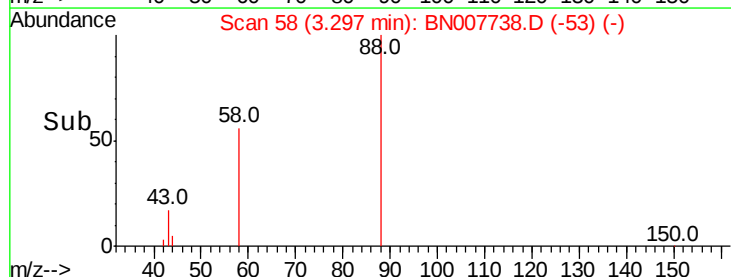
43 23.4 14.4 21.6#



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





#4

2-Fluorophenol

Concen: 0.055 ng

RT: 5.32 min Scan# 309

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleId :

RE103D1-20190909DL

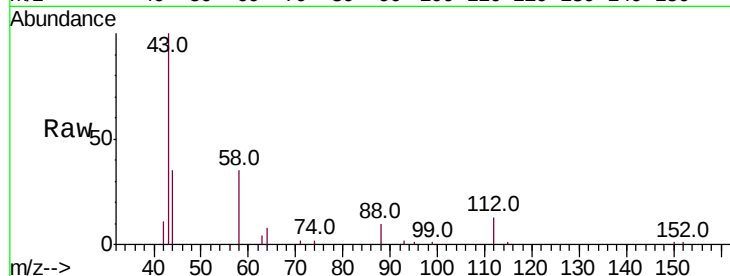
Tot Ion:112 Resp: 1273

Ion Ratio Lower Upper

112 100

64 58.5 46.6 70.0

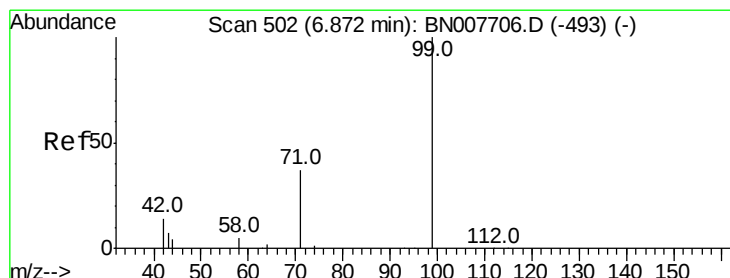
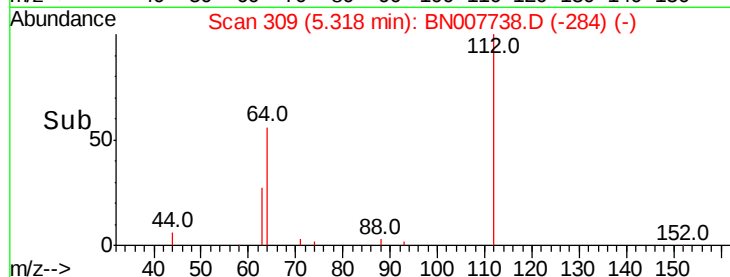
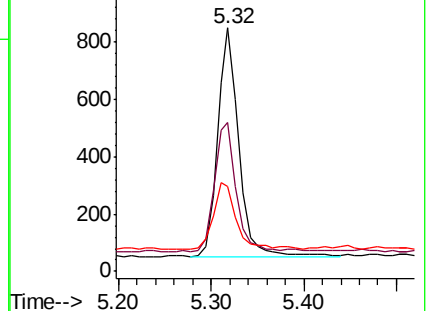
63 30.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.029 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

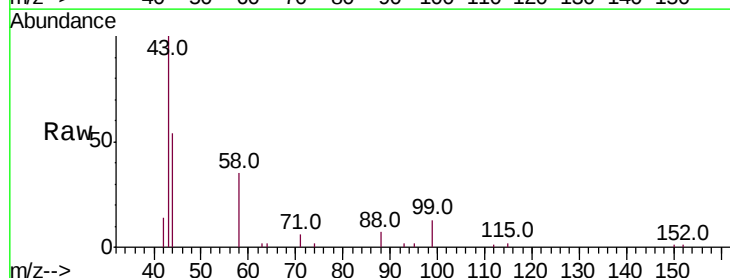
Tgt Ion: 99 Resp: 994

Ion Ratio Lower Upper

99 100

42 9.6 12.8 19.2#

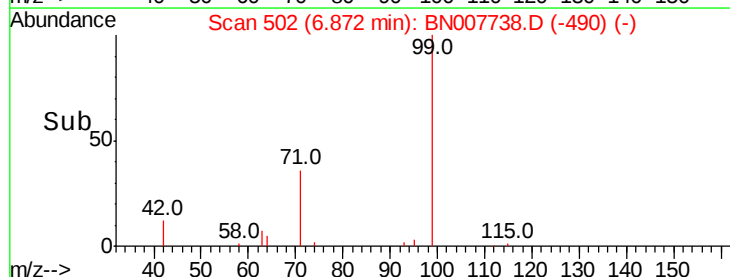
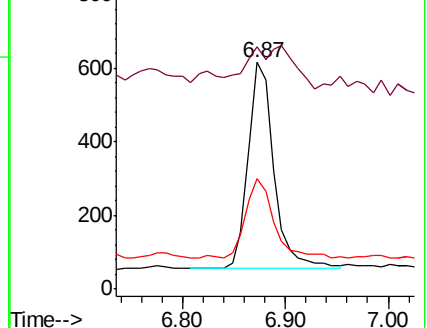
71 41.9 27.6 41.4#

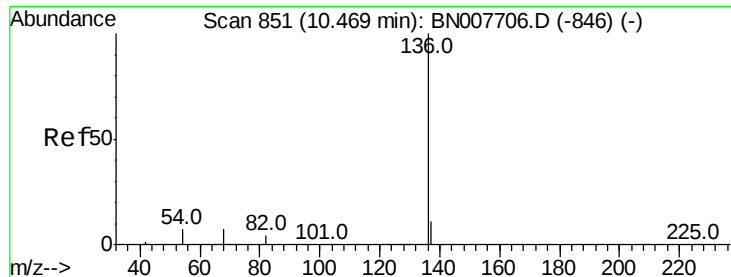


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleId :

RE103D1-20190909DL

Tot Ion:136 Resp: 25922

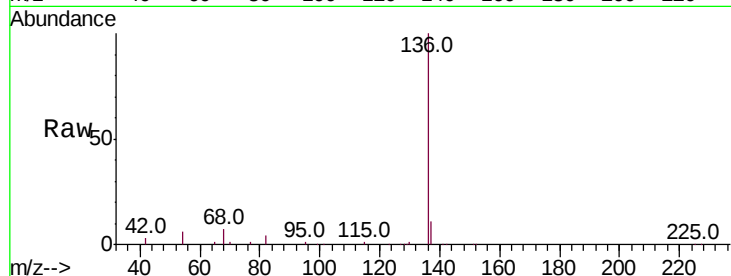
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 6.2 5.8 8.8

68 6.7 6.5 9.7

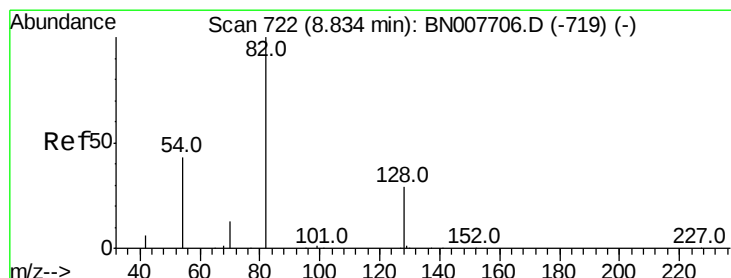
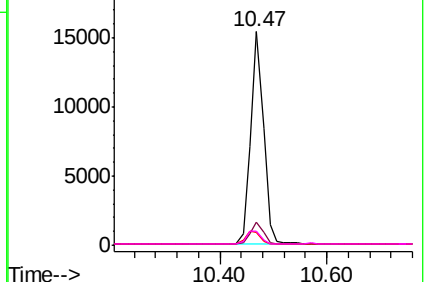
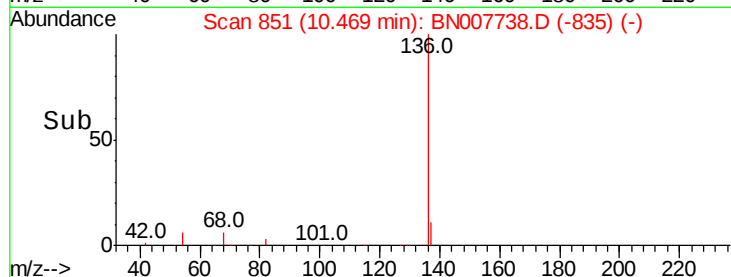


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.138 ng

RT: 8.83 min Scan# 722

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

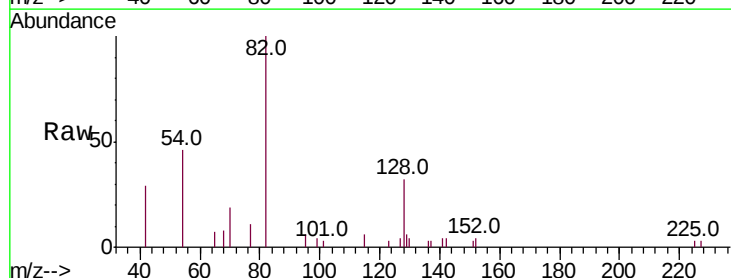
Tgt Ion: 82 Resp: 3129

Ion Ratio Lower Upper

82 100

128 32.1 24.5 36.7

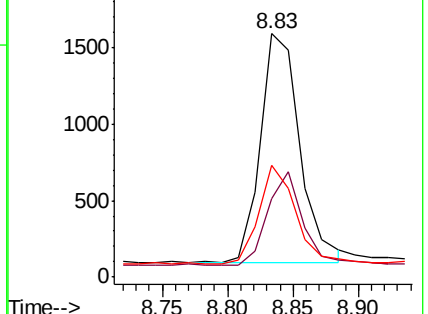
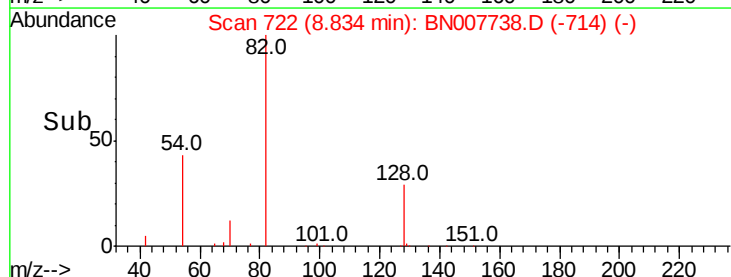
54 45.8 35.2 52.8

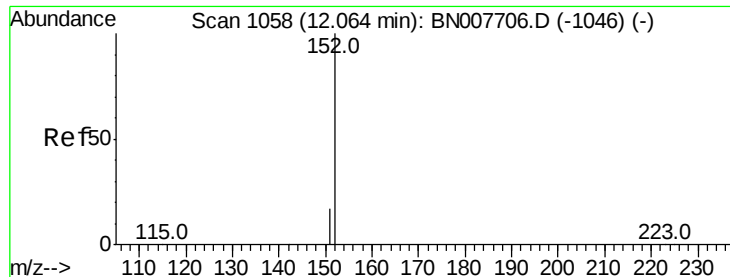


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

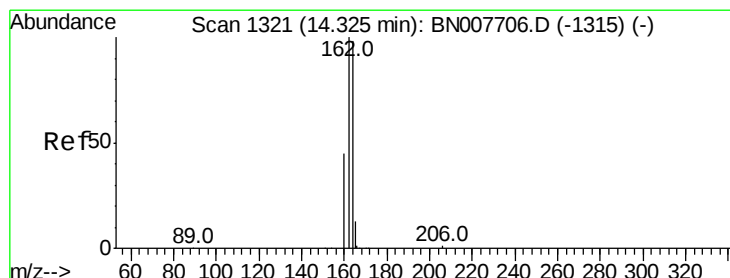
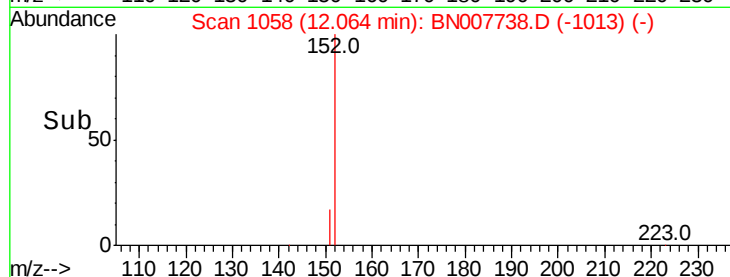
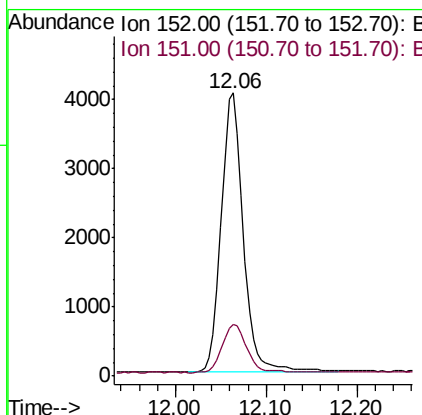
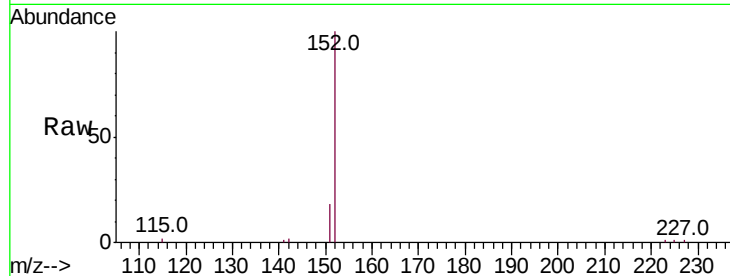




#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 12.06 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN007738.D
Acq: 19 Sep 2019 13:25

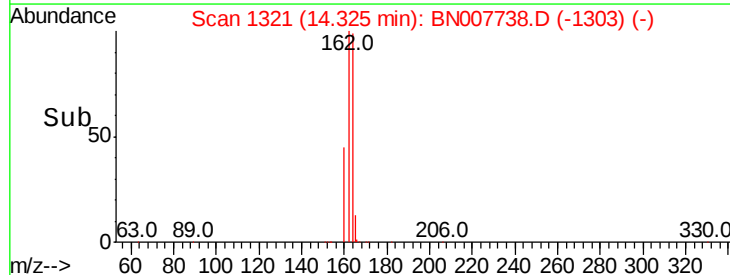
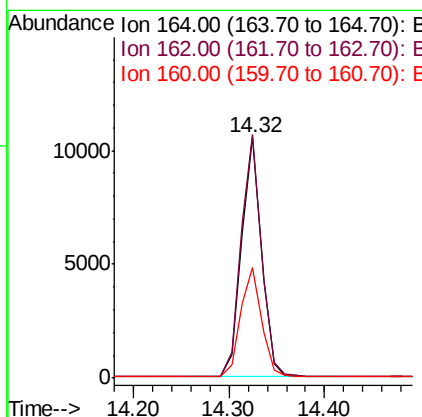
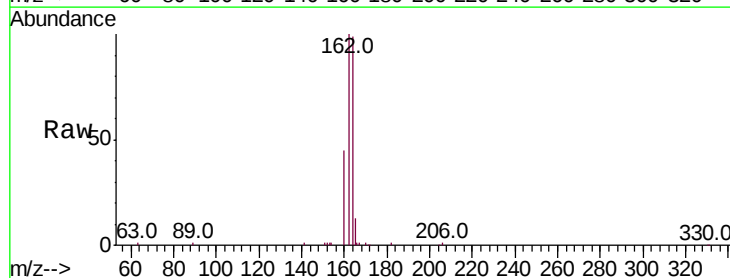
Instrument :
BNA_N
ClientSampleId :
RE103D1-20190909DL

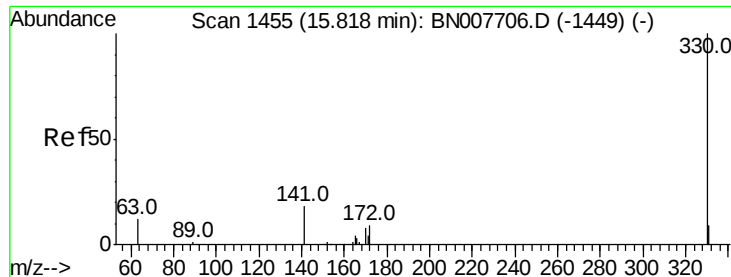
Tot Ion:152 Resp: 6873
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BN007738.D
Acq: 19 Sep 2019 13:25

Tgt Ion:164 Resp: 15339
Ion Ratio Lower Upper
164 100
162 101.2 81.7 122.5
160 46.0 37.0 55.4

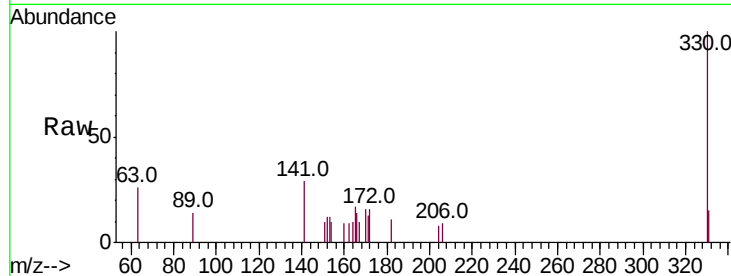




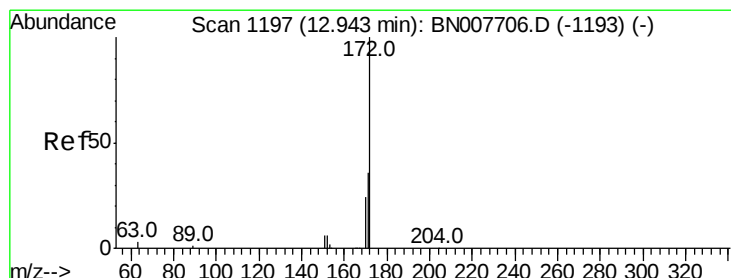
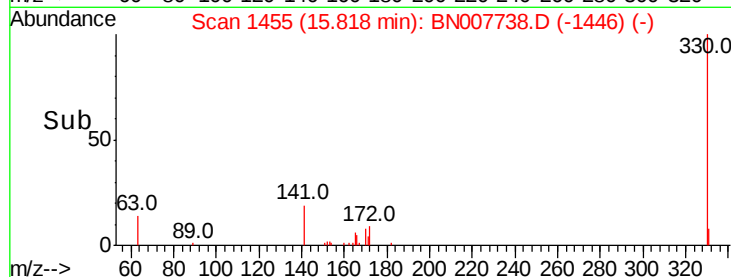
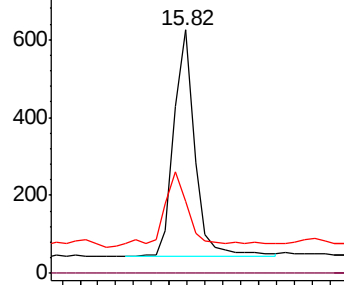
#14
 2,4,6-Tribromophenol
 Concen: 0.112 ng
 RT: 15.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BN007738.D
 Acq: 19 Sep 2019 13:25

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20190909DL

Tot Ion:330 Resp: 933
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 40.2 28.7 43.1

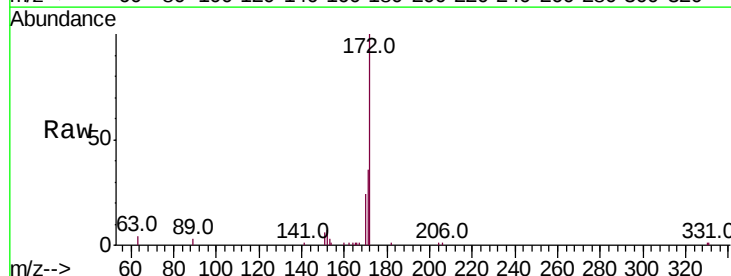


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

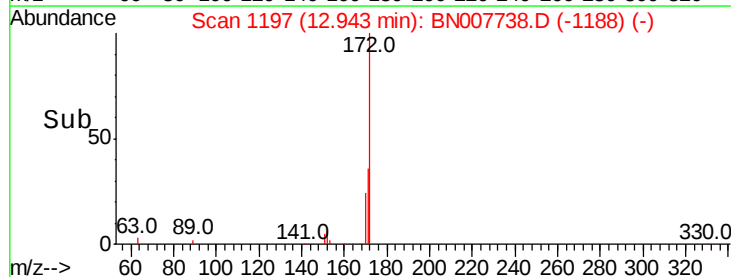
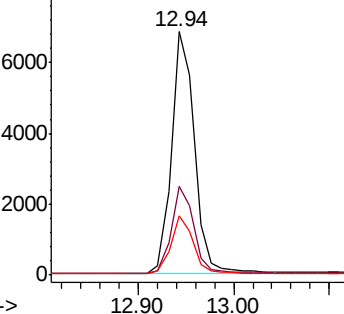


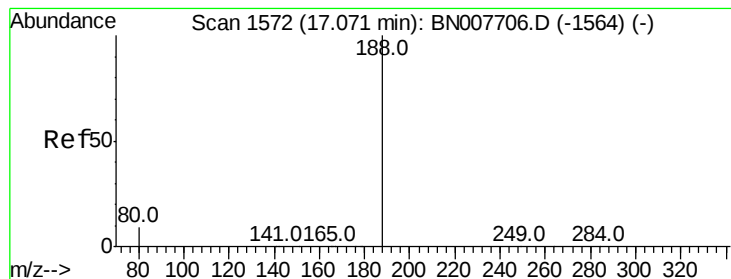
#15
 2-Fluorobiphenyl
 Concen: 0.181 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007738.D
 Acq: 19 Sep 2019 13:25

Tgt Ion:172 Resp: 11437
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 24.4 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: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleId :

RE103D1-20190909DL

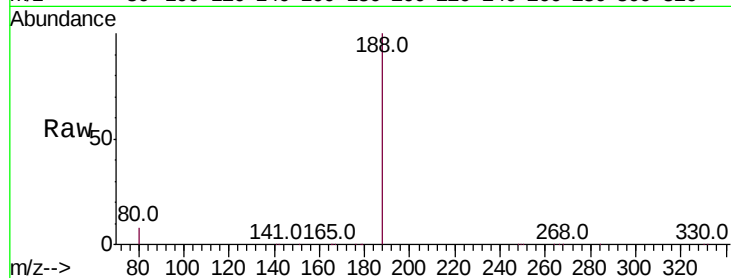
Tot Ion:188 Resp: 35870

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

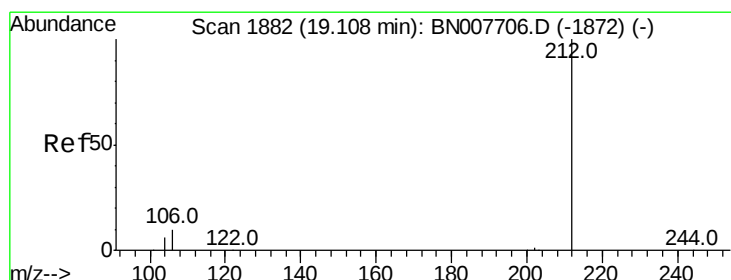
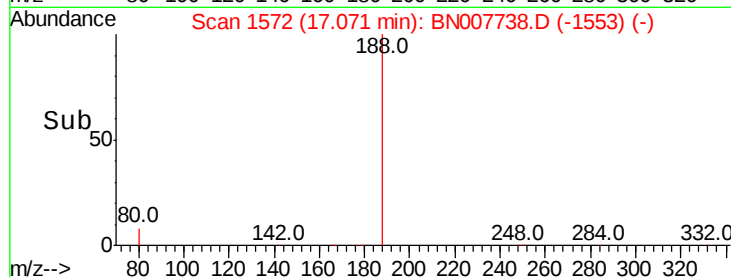
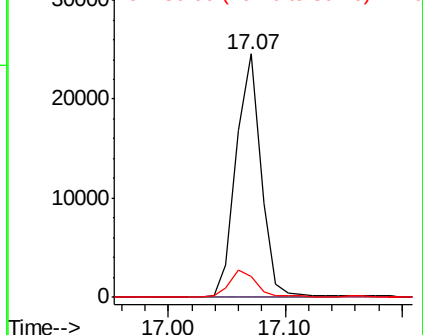
80 8.5 7.4 11.2



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: 0.158 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

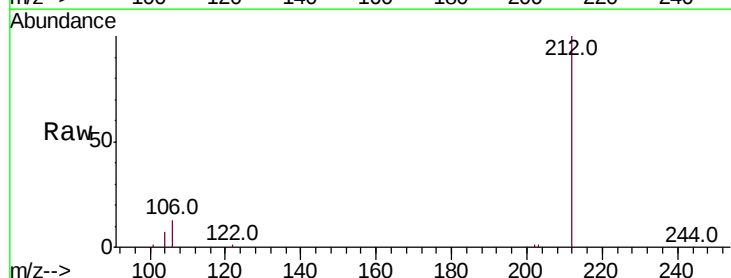
Tgt Ion:212 Resp: 19119

Ion Ratio Lower Upper

212 100

106 11.9 9.4 14.0

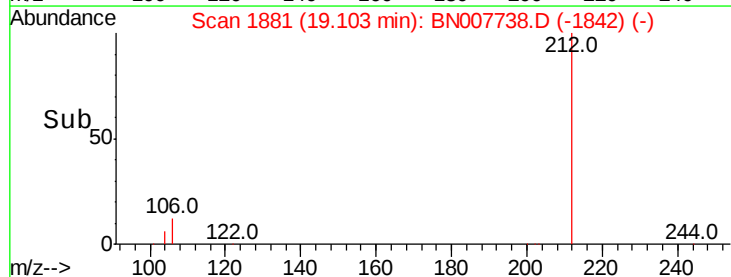
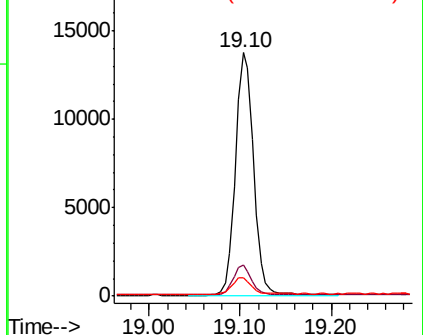
104 6.7 5.3 7.9

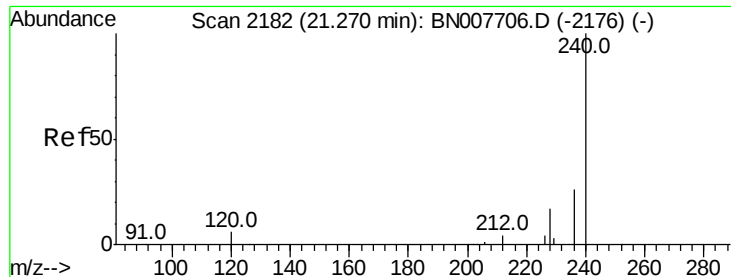


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleID :

RE103D1-20190909DL

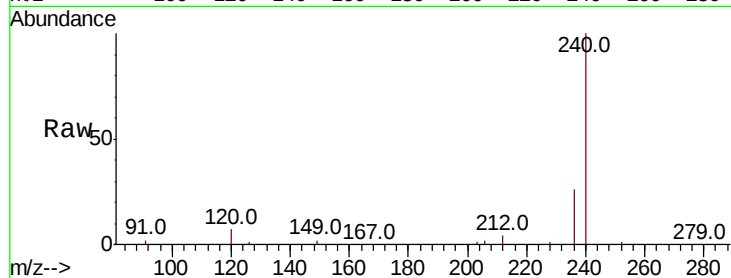
Tot Ion:240 Resp: 40721

Ion Ratio Lower Upper

240 100

120 6.6 5.4 8.2

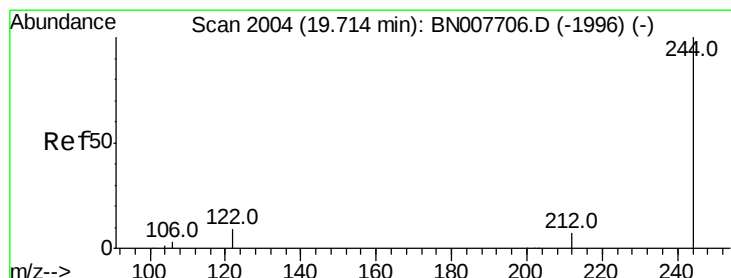
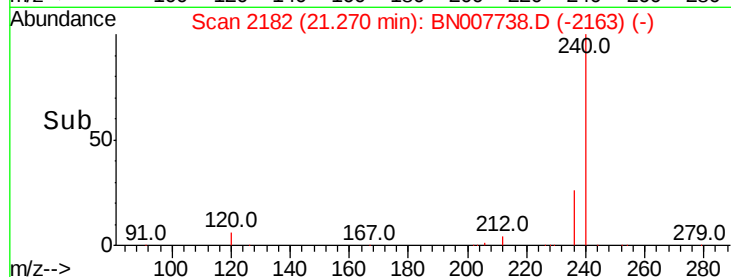
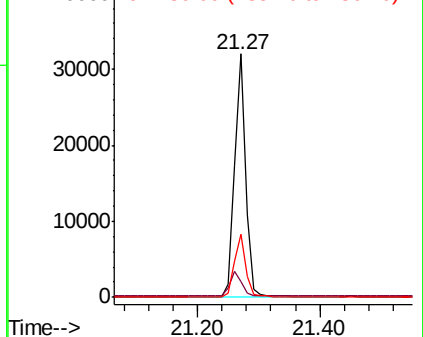
236 25.9 21.0 31.4



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: 0.172 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

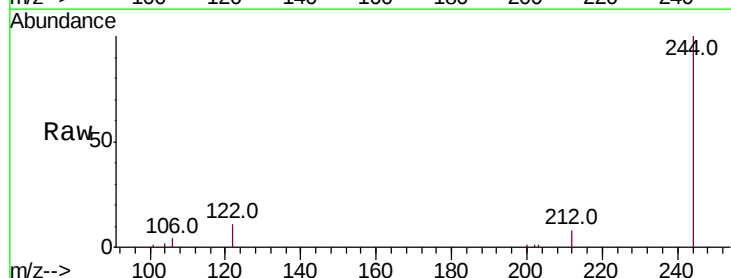
Tgt Ion:244 Resp: 17167

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

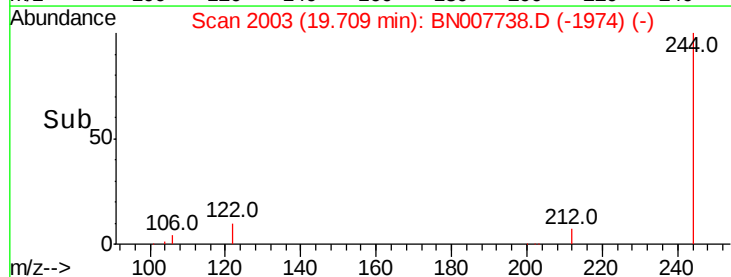
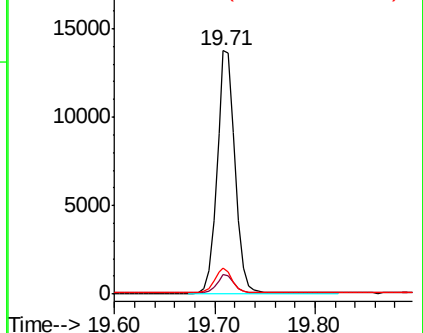
122 10.8 7.4 11.2

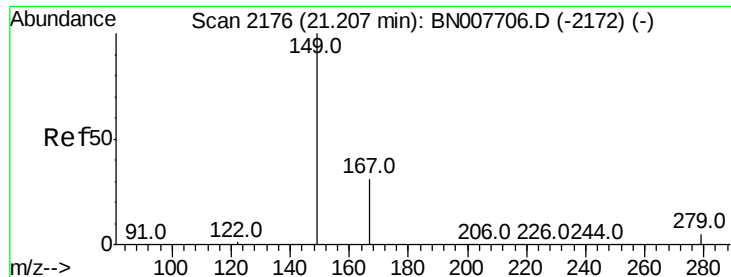


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

Instrument :

BNA_N

ClientSampleId :

RE103D1-20190909DL

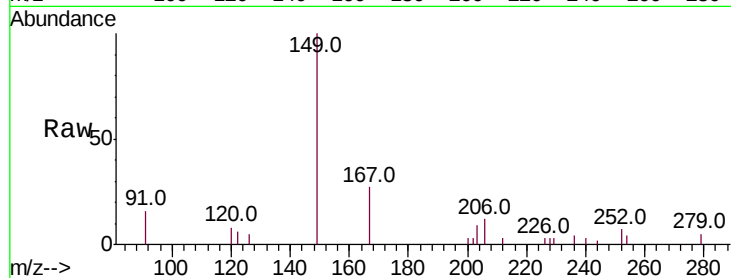
Tot Ion:149 Resp: 3452

Ion Ratio Lower Upper

149 100

167 29.1 23.7 35.5

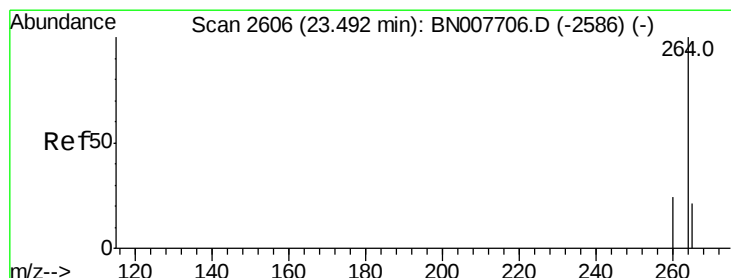
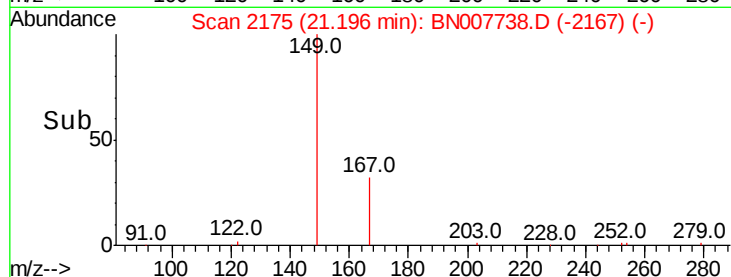
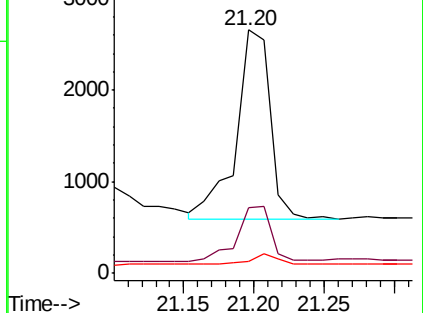
279 4.4 4.2 6.2



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: 23.49 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BN007738.D

Acq: 19 Sep 2019 13:25

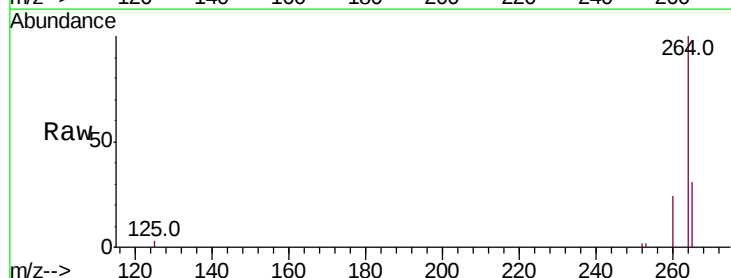
Tgt Ion:264 Resp: 45422

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 30.8 26.9 40.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

