

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007754.D
 Acq On : 19 Sep 2019 22:57
 Operator : HP/JU
 Sample : K4858-16 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20190910DL

Quant Time: Sep 20 01:50:31 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

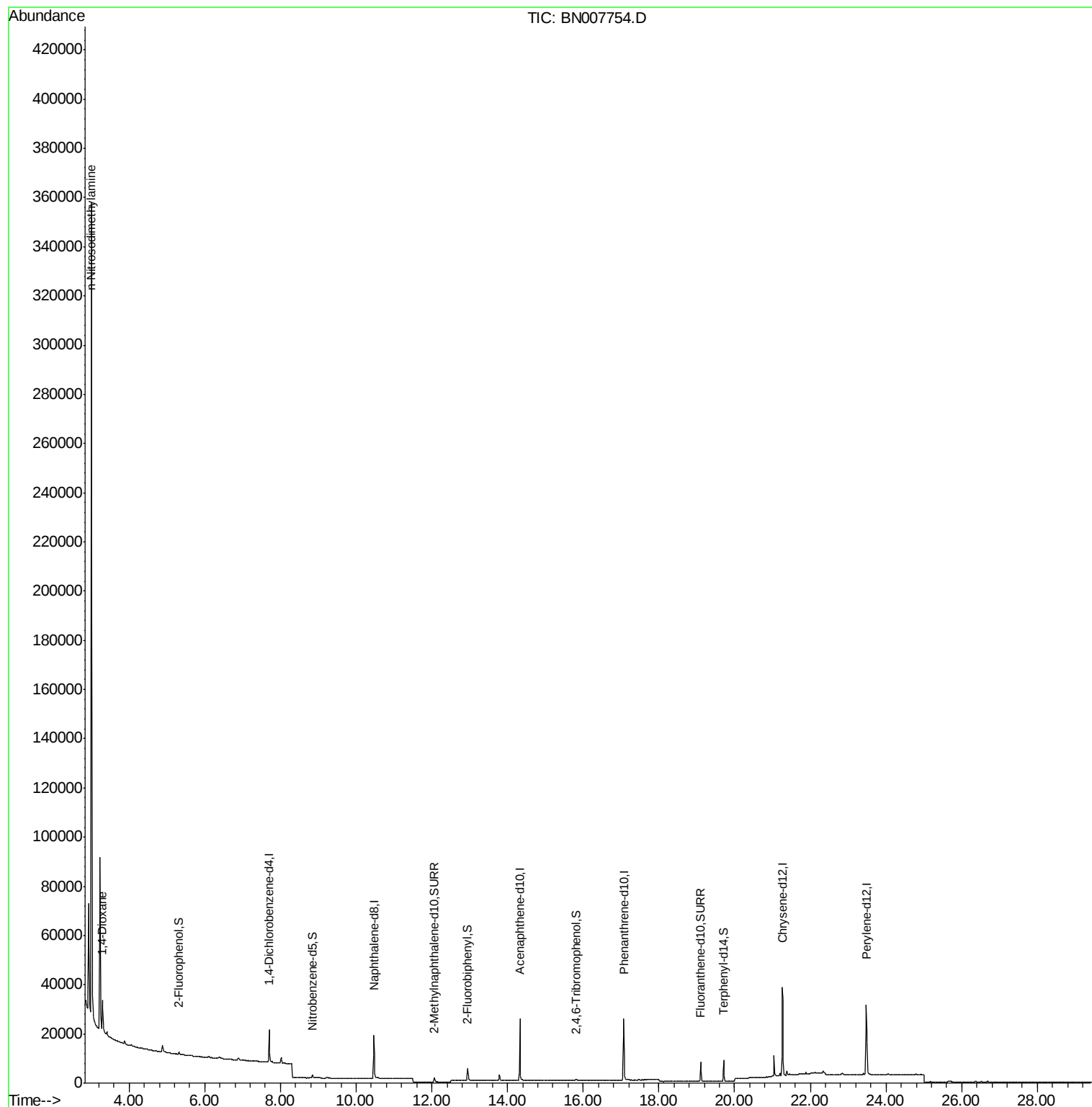
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	6351	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	24182	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14758	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	34202	0.40	ng	0.00
27) Chrysene-d12	21.26	240	37385	0.40	ng	-0.01
34) Perylene-d12	23.48	264	39107	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	676	0.03	ng	0.00
5) Phenol-d6	6.88	99	617	0.02	ng	0.00
8) Nitrobenzene-d5	8.85	82	1339	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	3028	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	403	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	5079	0.08	ng	0.00
25) Fluoranthene-d10	19.10	212	9196	0.08	ng	0.00
29) Terphenyl-d14	19.71	244	9203	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	10345	1.461	ng	# 90
3) n-Nitrosodimethylamine	3.01	42	26596	8.203	ng	# 74

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

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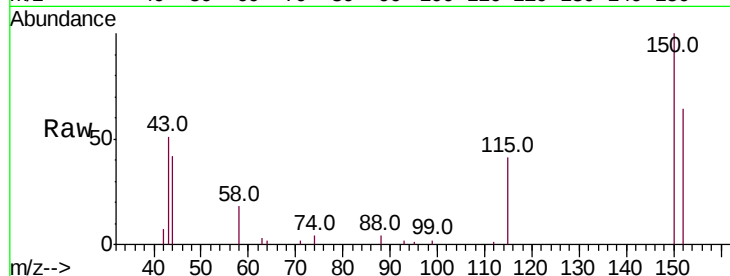


#1

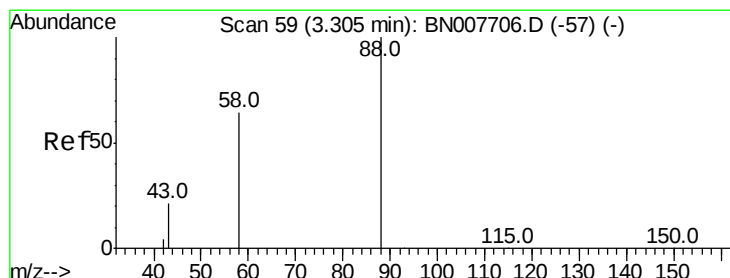
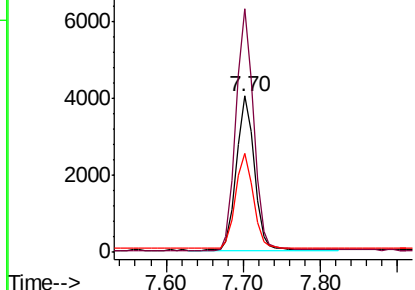
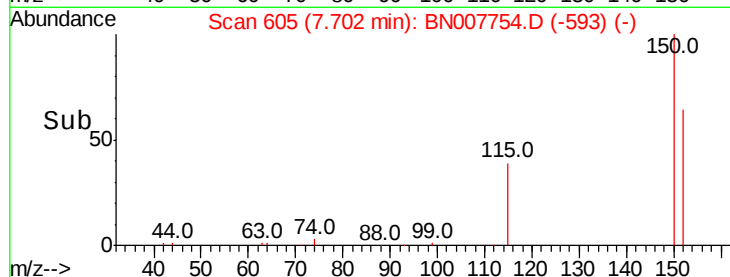
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 605
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
ClientSampleId :
RE131D1-20190910DL

Tot Ion:152 Resp: 6351
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 63.3 53.3 79.9



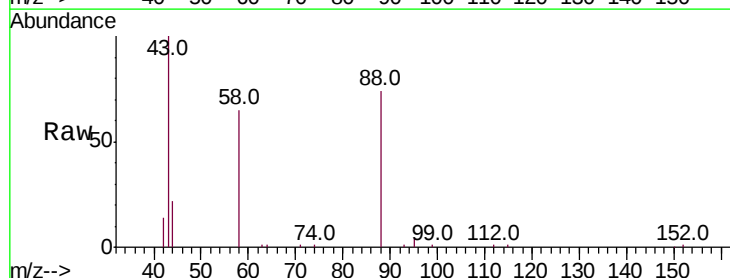
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



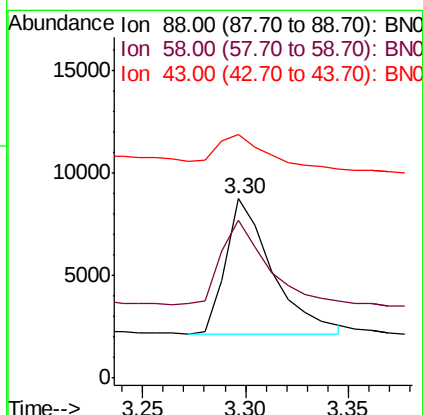
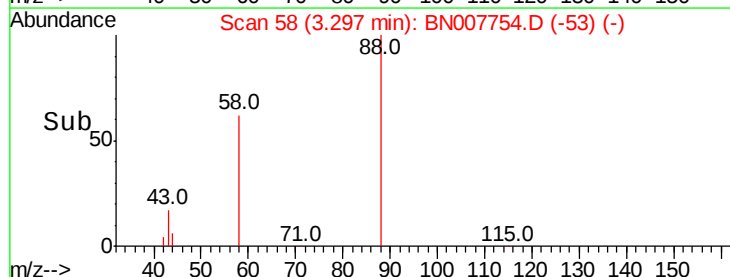
#2

1,4-Dioxane
Concen: 1.461 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion: 88 Resp: 10345
Ion Ratio Lower Upper
88 100
58 59.8 44.6 66.8
43 28.4 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: 8.203 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

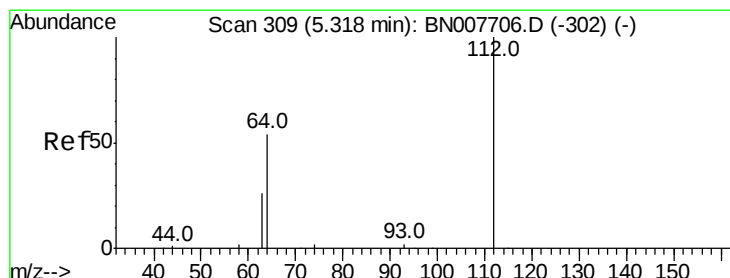
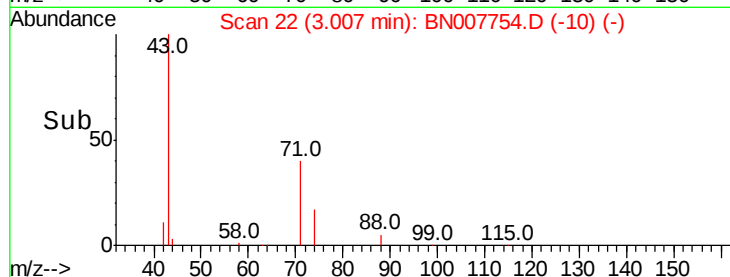
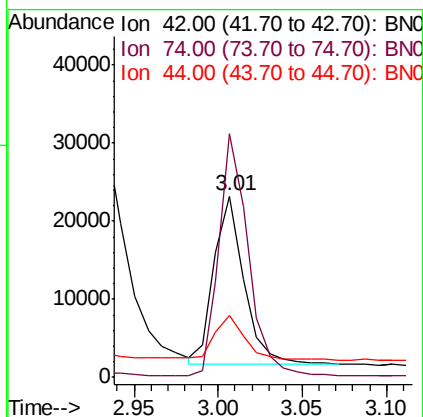
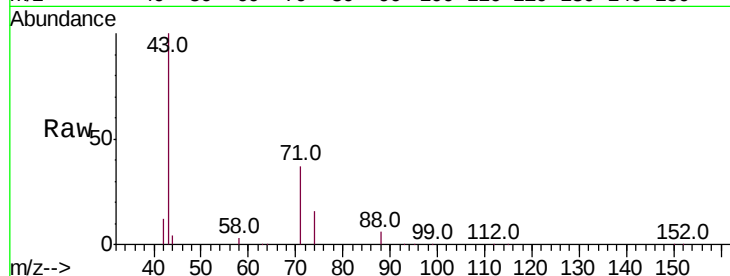
Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :
BNA_N
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RE131D1-20190910DL

Tot Ion: 42 Resp: 26596

Ion	Ratio	Lower	Upper
42	100		
74	141.4	87.9	131.9#
44	27.0	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.031 ng

RT: 5.32 min Scan# 309

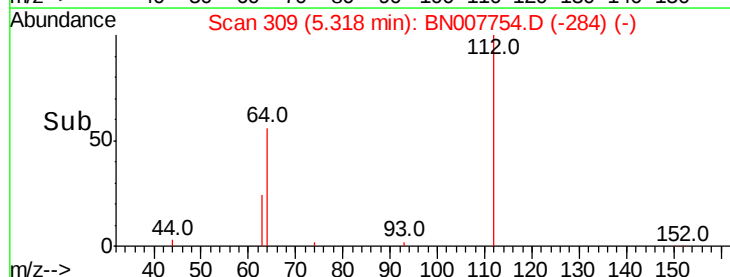
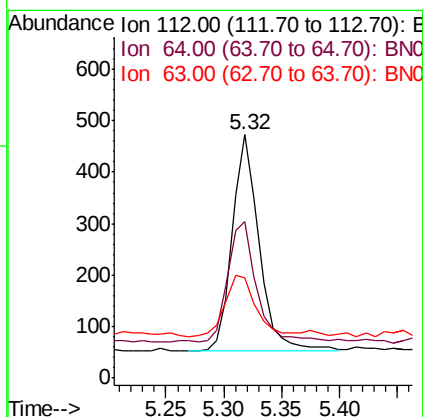
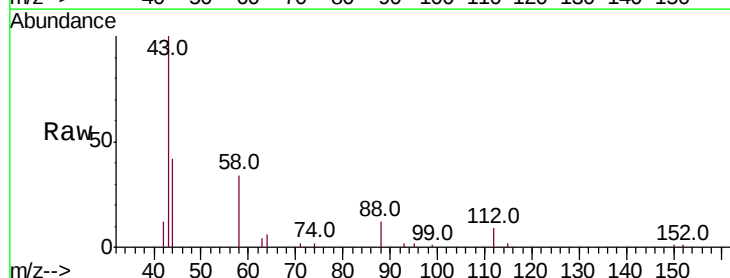
Delta R.T. -0.00 min

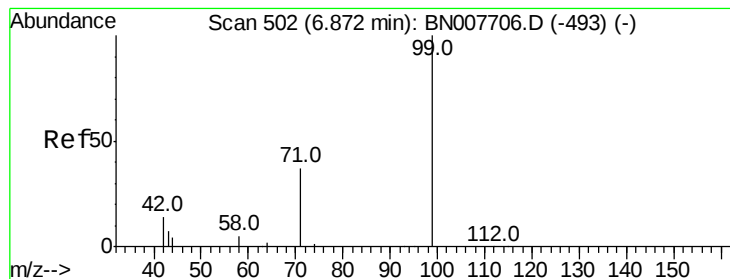
Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Tgt Ion: 112 Resp: 676

Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.6	70.0
63	32.8	23.1	34.7





#5

Phenol-d6

Concen: 0.017 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

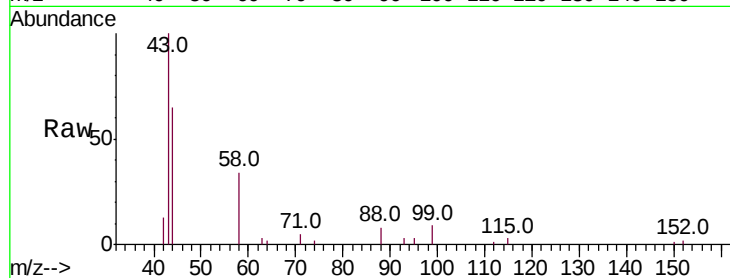
Tot Ion: 99 Resp: 617

Ion Ratio Lower Upper

99 100

42 36.8 12.8 19.2#

71 40.2 27.6 41.4



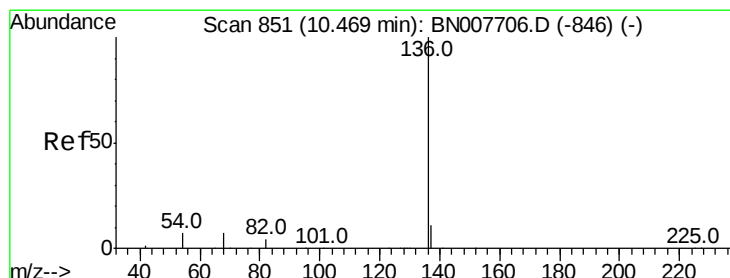
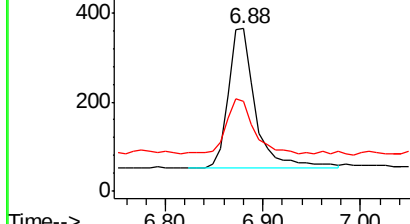
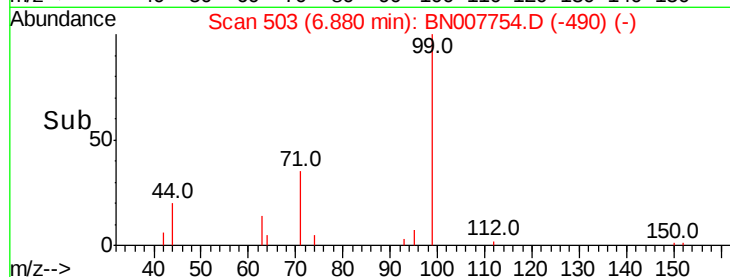
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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

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

6.88

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. -0.00 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Tgt Ion: 136 Resp: 24182

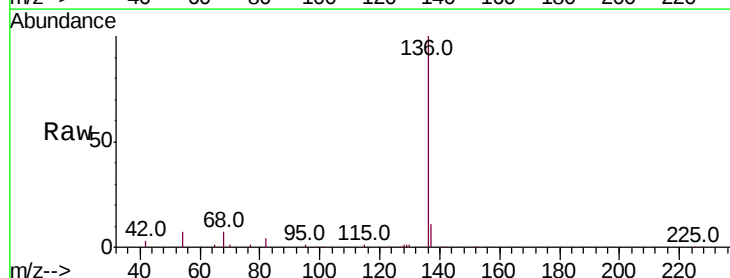
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.6 5.8 8.8

68 6.9 6.5 9.7



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

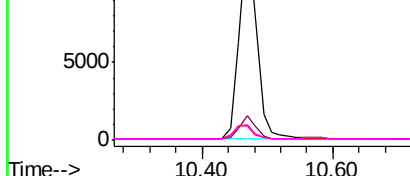
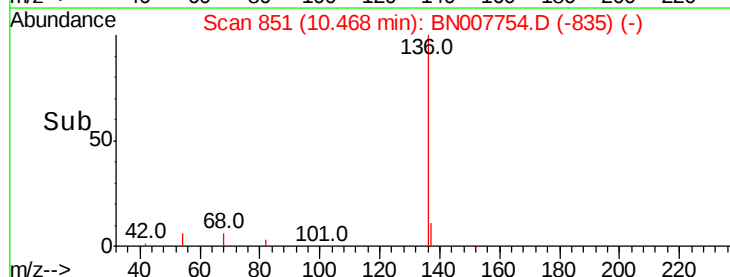
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

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

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

10.47

Time-->

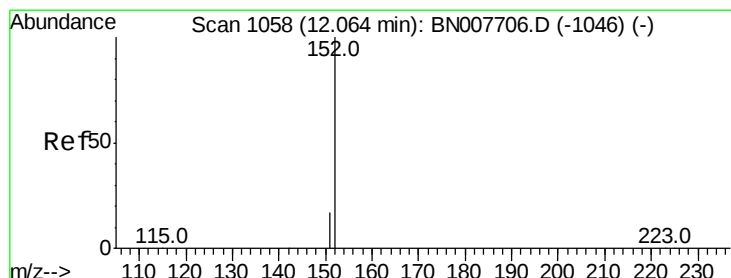
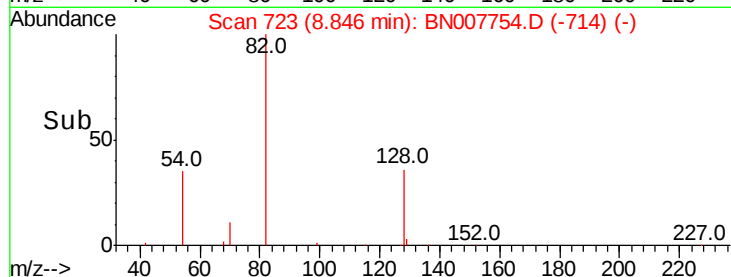
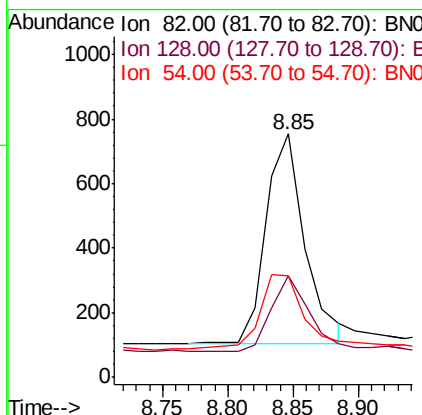
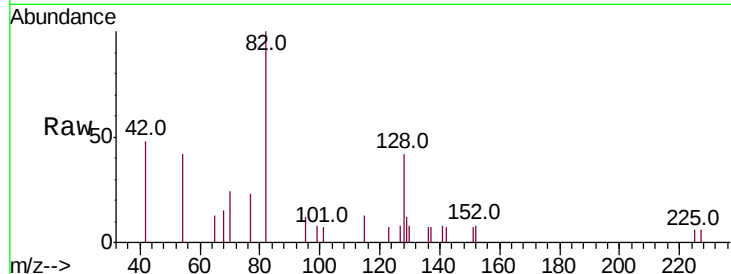




#8
 Nitrobenzene-d5
 Concen: 0.063 ng
 RT: 8.85 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BN007754.D
 Acq: 19 Sep 2019 22:57

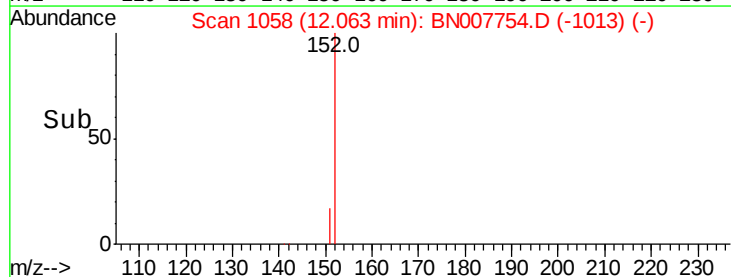
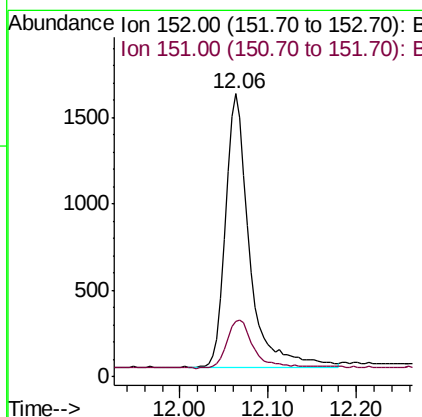
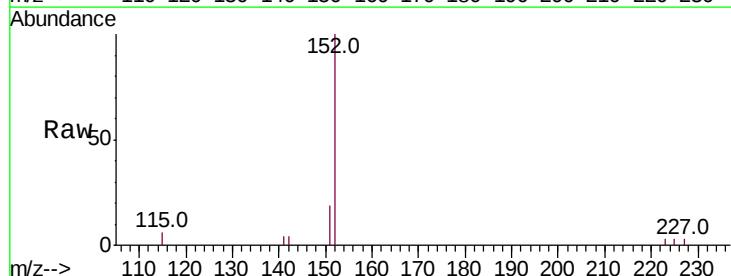
Instrument :
 BNA_N
 ClientSampleId :
 RE131D1-20190910DL

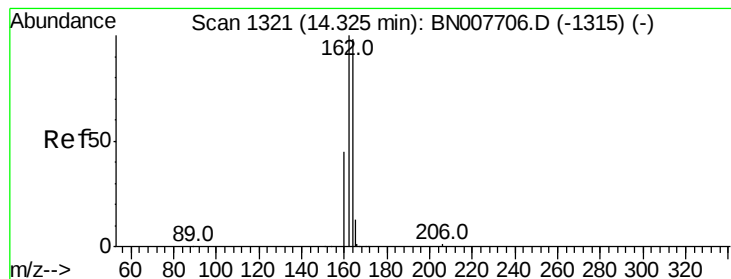
Tot Ion	82	Resp	1339
Ion Ratio	Lower	Upper	
82	100		
128	41.9	24.5	36.7#
54	41.6	35.2	52.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.074 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN007754.D
 Acq: 19 Sep 2019 22:57

Tgt Ion	152	Resp	3028
Ion Ratio	Lower	Upper	
152	100		
151	19.7	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: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

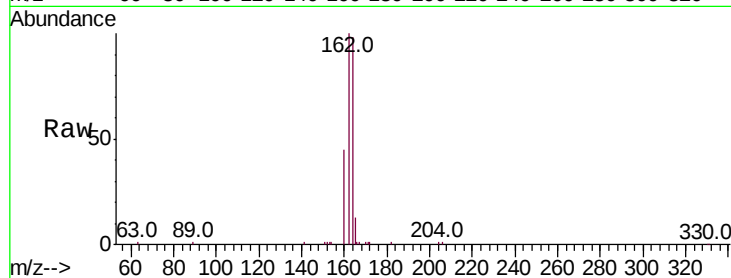
Tot Ion:164 Resp: 14758

Ion Ratio Lower Upper

164 100

162 102.2 81.7 122.5

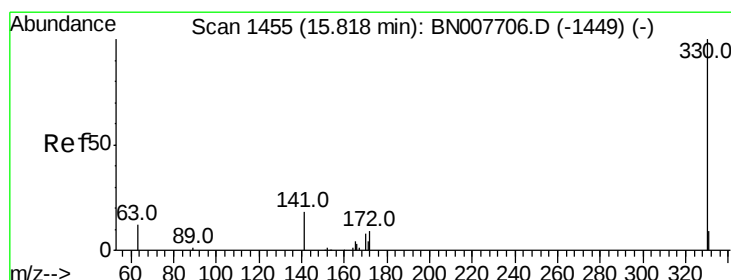
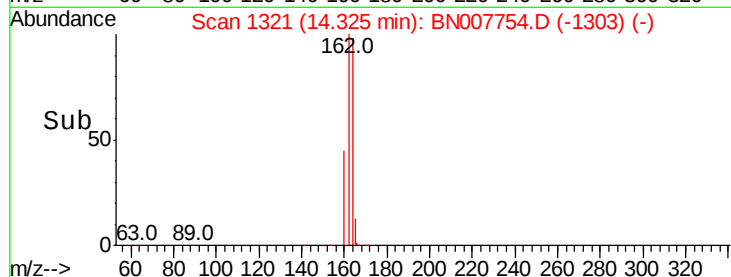
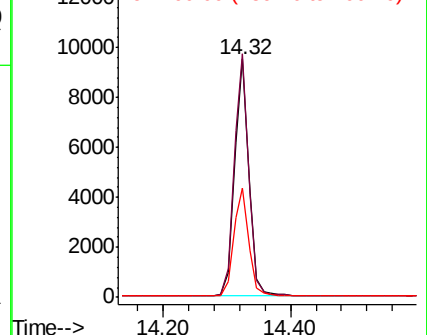
160 46.0 37.0 55.4



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: 0.050 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

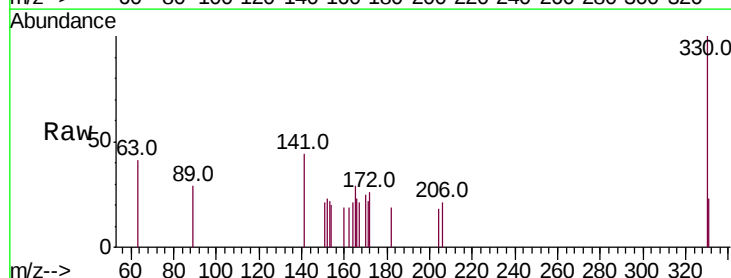
Tgt Ion:330 Resp: 403

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

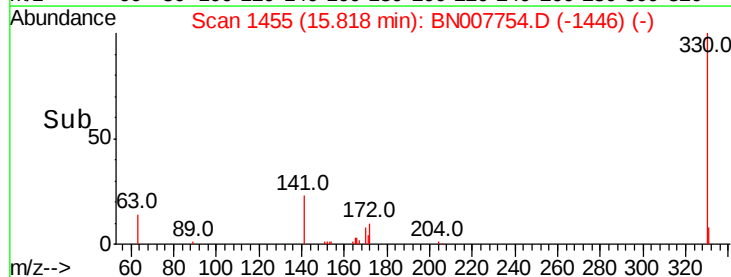
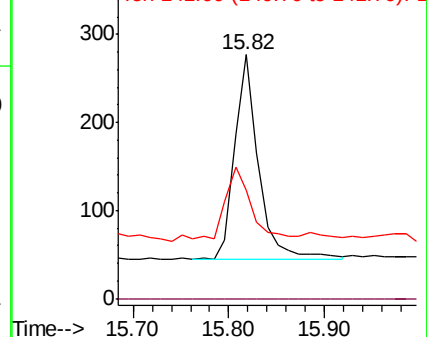
141 41.7 28.7 43.1



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

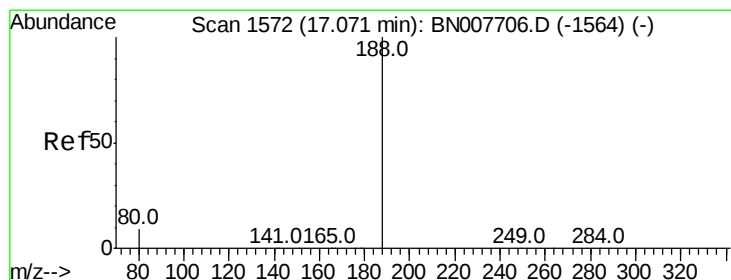
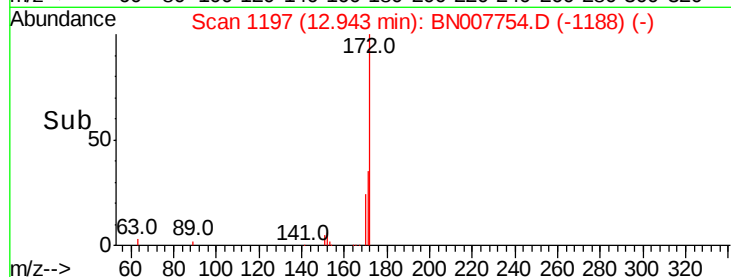
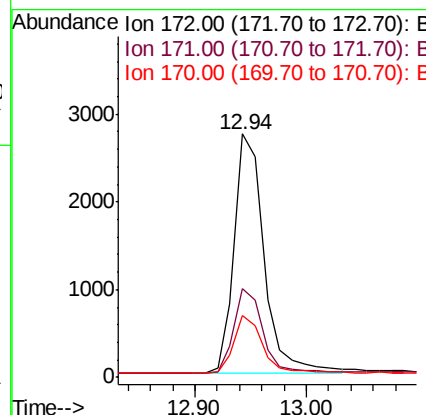
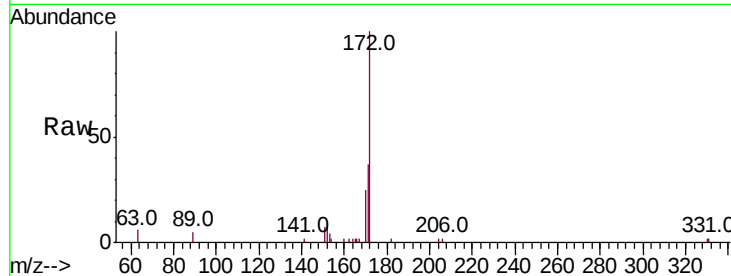




#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.94 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

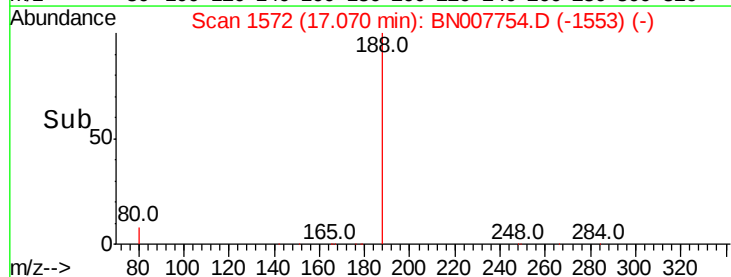
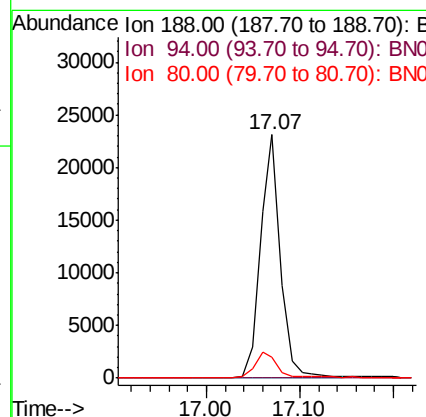
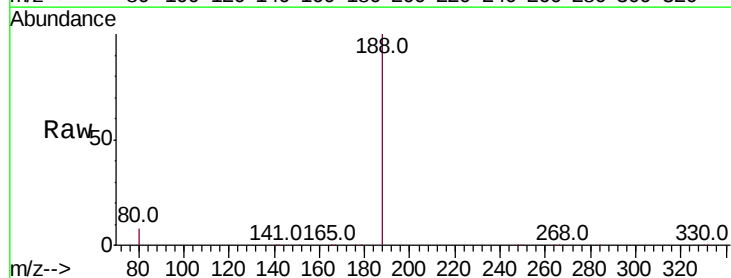
Instrument :
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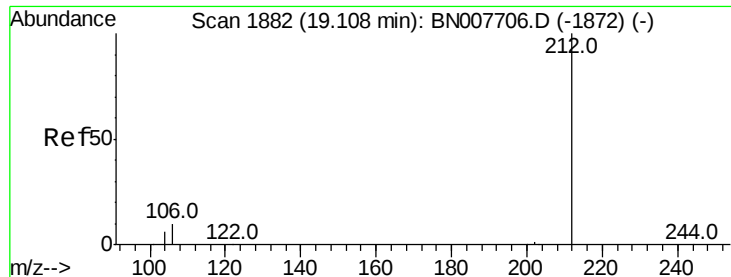
Tot Ion:172 Resp: 5079
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 25.2 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN007754.D
Acq: 19 Sep 2019 22:57

Tgt Ion:188 Resp: 34202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.080 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

Instrument :

BNA_N

ClientSampleId :

RE131D1-20190910DL

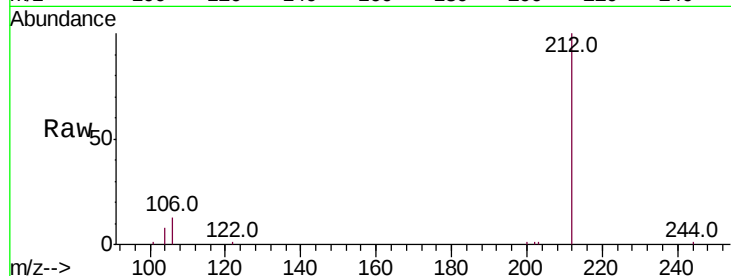
Tot Ion:212 Resp: 9196

Ion Ratio Lower Upper

212 100

106 12.4 9.4 14.0

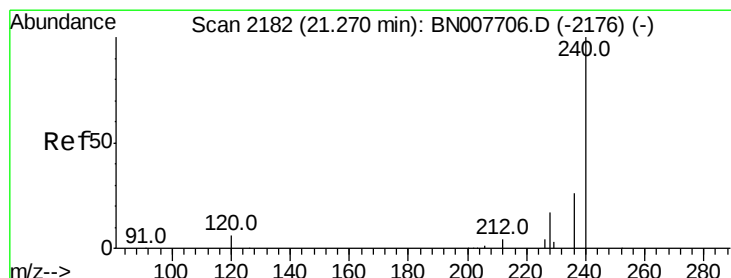
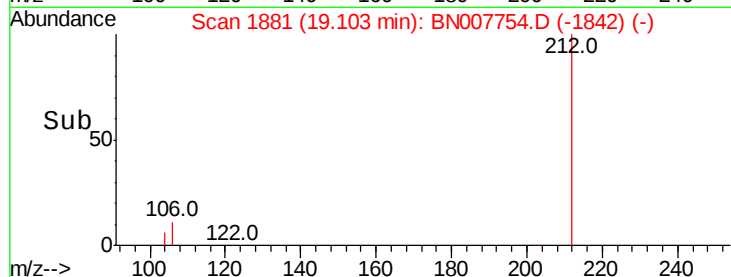
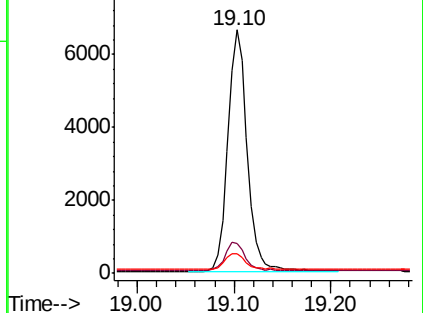
104 6.8 5.3 7.9



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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

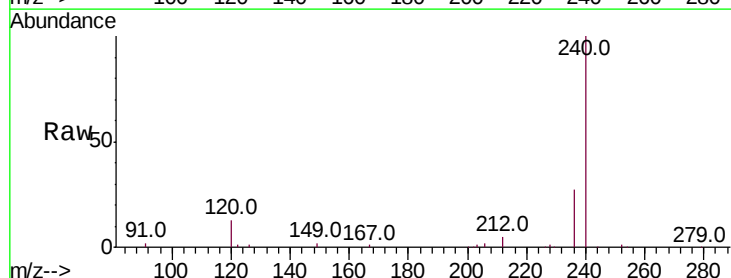
Tgt Ion:240 Resp: 37385

Ion Ratio Lower Upper

240 100

120 12.5 5.4 8.2#

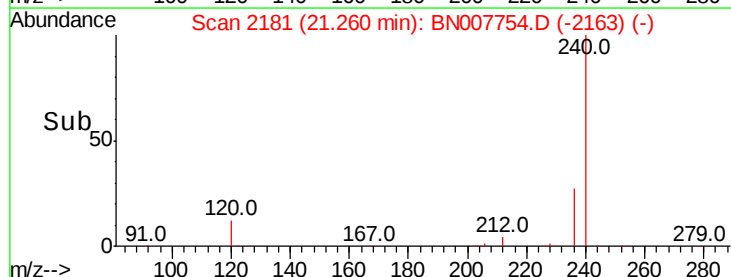
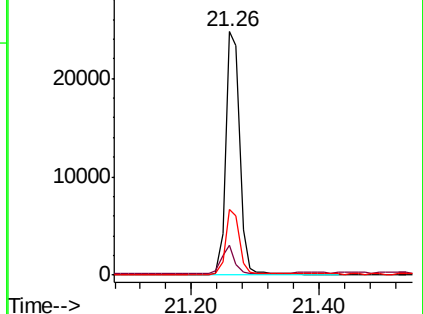
236 27.0 21.0 31.4

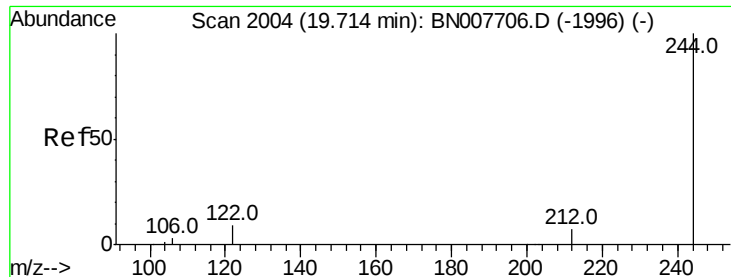


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.100 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

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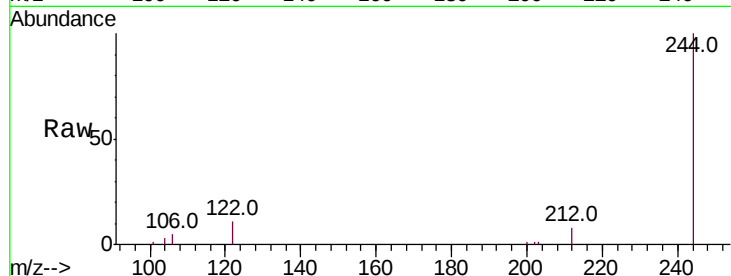
Tot Ion:244 Resp: 9203

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

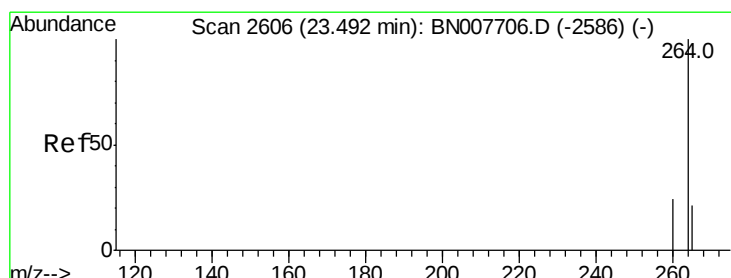
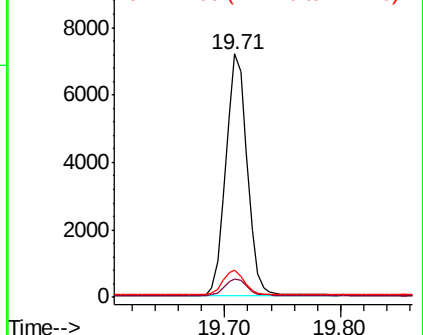
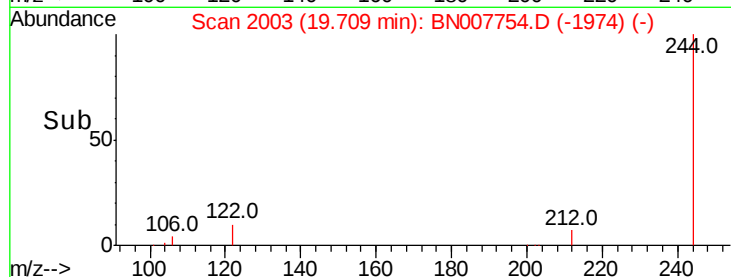
122 11.0 7.4 11.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.48 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BN007754.D

Acq: 19 Sep 2019 22:57

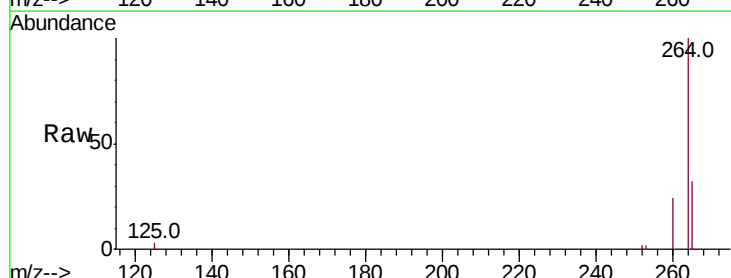
Tgt Ion:264 Resp: 39107

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 31.8 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

