

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091819\
 Data File : BN007734.D
 Acq On : 19 Sep 2019 10:20
 Operator : HP/JU
 Sample : K4896-13 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912DL

Quant Time: Sep 19 15:10:36 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

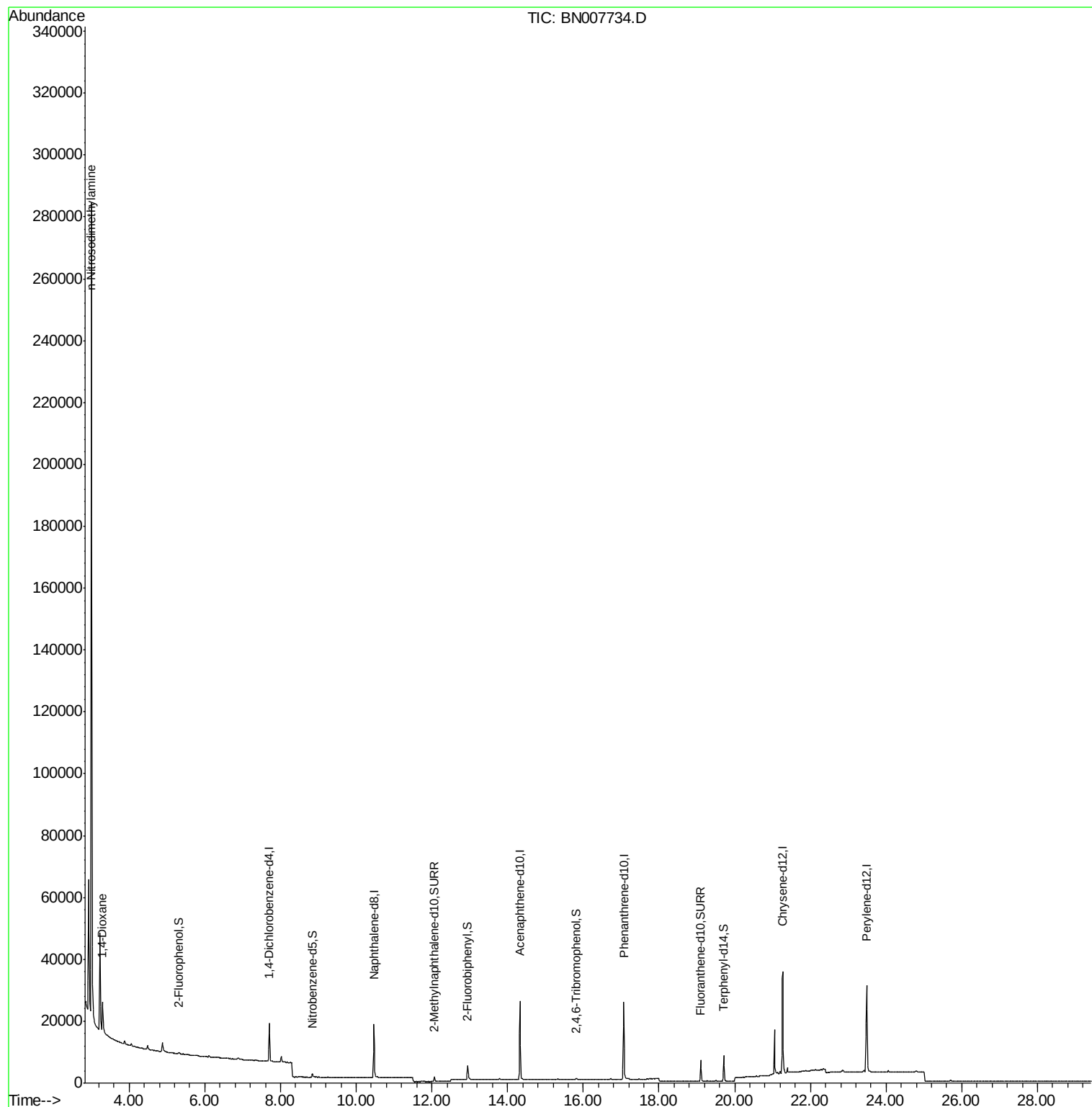
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5968	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	23272	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	14472	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	33363	0.40	ng	0.00
27) Chrysene-d12	21.27	240	35509	0.40	ng	0.00
34) Perylene-d12	23.48	264	38225	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	458	0.02	ng	0.00
5) Phenol-d6	6.88	99	351	0.01	ng	0.00
8) Nitrobenzene-d5	8.85	82	1270	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	2543	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	386	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	5223	0.09	ng	0.00
25) Fluoranthene-d10	19.10	212	8152	0.07	ng	0.00
29) Terphenyl-d14	19.71	244	8409	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	7964	1.197	ng	# 87
3) n-Nitrosodimethylamine	3.01	42	22641	7.431	ng	# 76

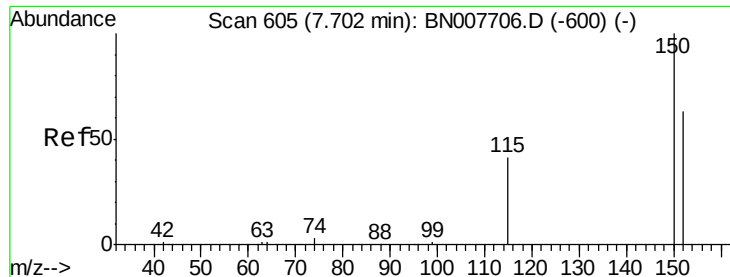
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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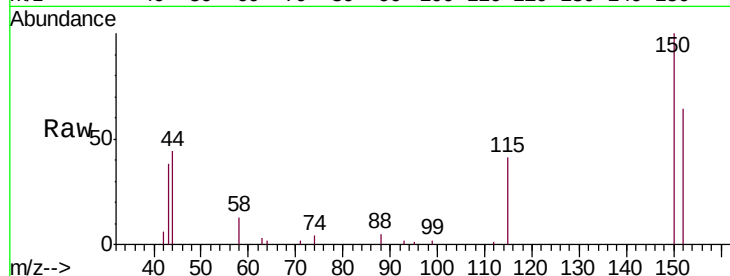
Tgt Ion:152 Resp: 5968

Ion Ratio Lower Upper

152 100

150 155.7 125.6 188.4

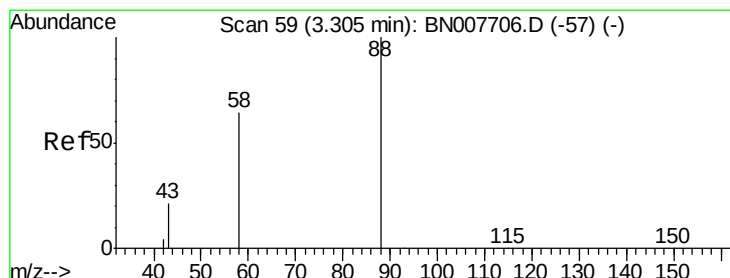
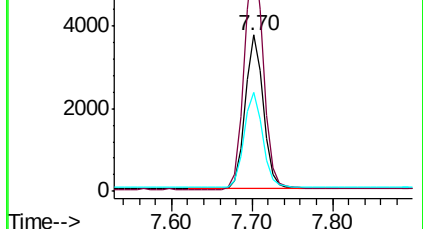
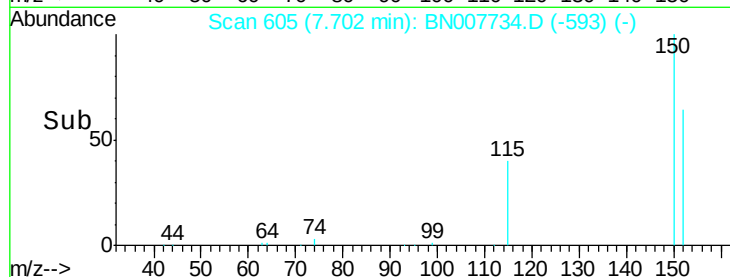
115 63.6 53.3 79.9



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: 1.197 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

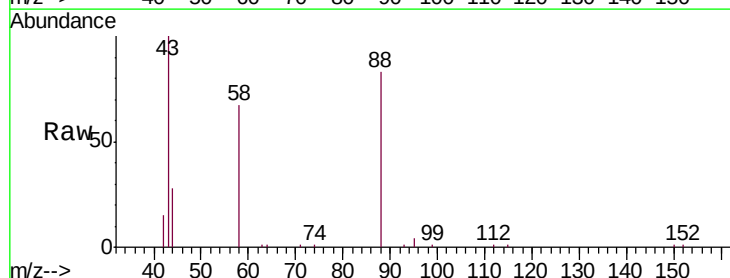
Tgt Ion: 88 Resp: 7964

Ion Ratio Lower Upper

88 100

58 64.7 44.6 66.8

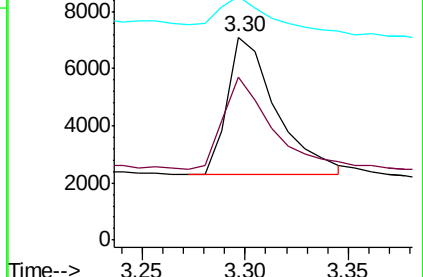
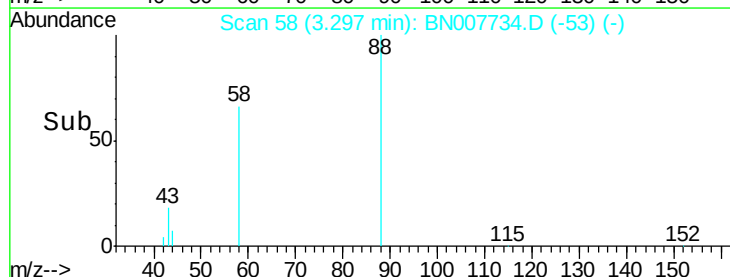
43 24.3 14.4 21.6#

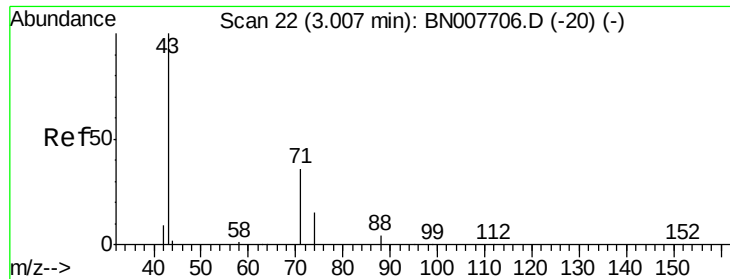


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

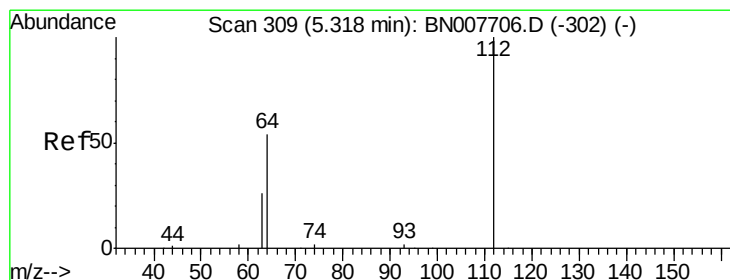
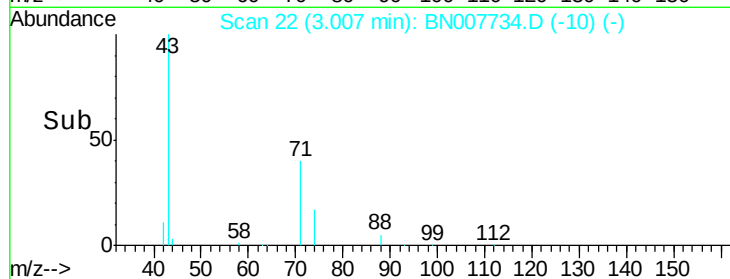
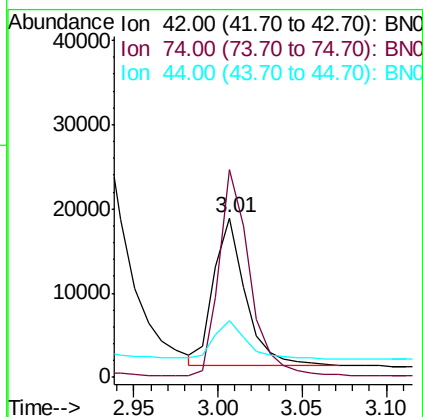
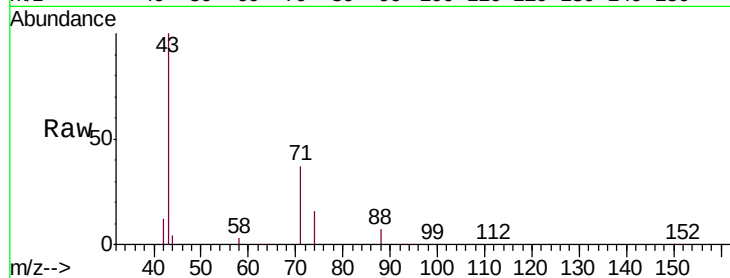




#3
n-Nitrosodimethylamine
Concen: 7.431 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

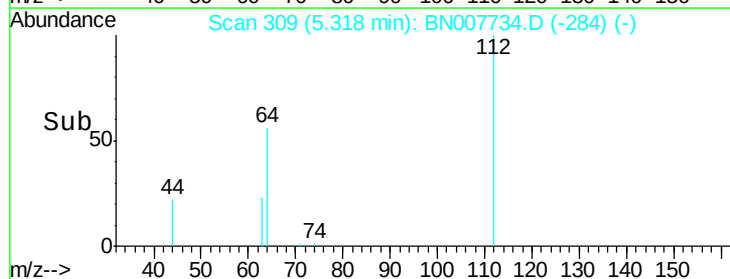
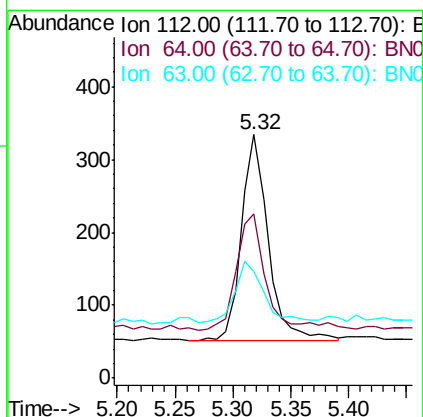
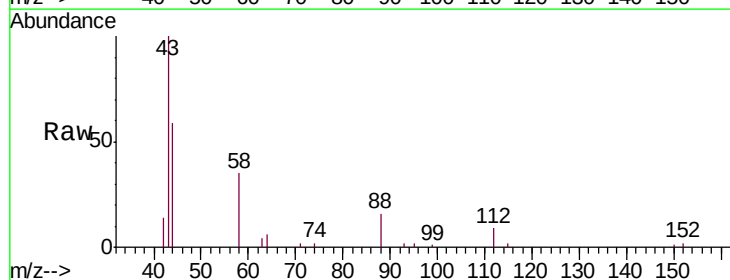
Instrument :
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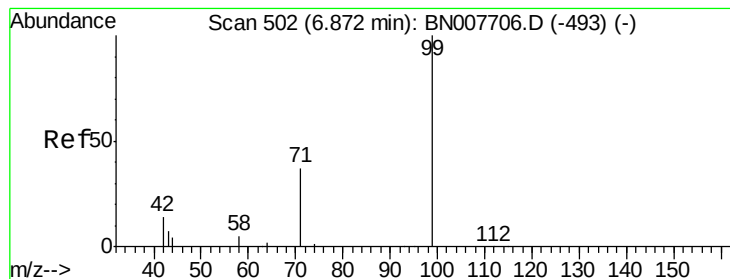
Tgt Ion: 42 Resp: 22641
Ion Ratio Lower Upper
42 100
74 137.3 87.9 131.9#
44 25.4 29.4 44.0#



#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN007734.D
Acq: 19 Sep 2019 10:20

Tgt Ion: 112 Resp: 458
Ion Ratio Lower Upper
112 100
64 59.4 46.6 70.0
63 30.6 23.1 34.7





#5

Phenol-d6

Concen: 0.008 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912DL

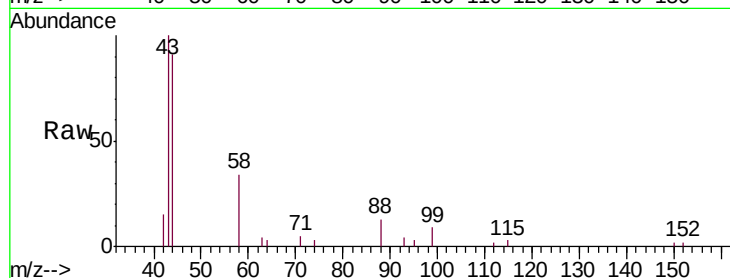
Tgt Ion: 99 Resp: 351

Ion Ratio Lower Upper

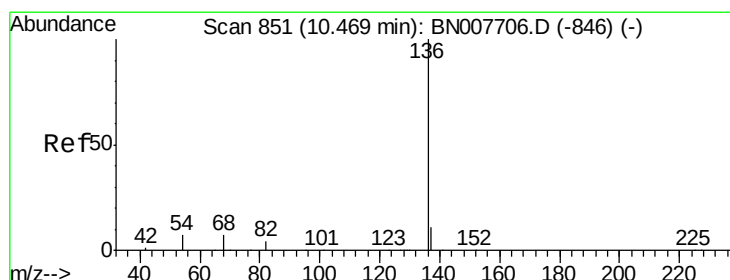
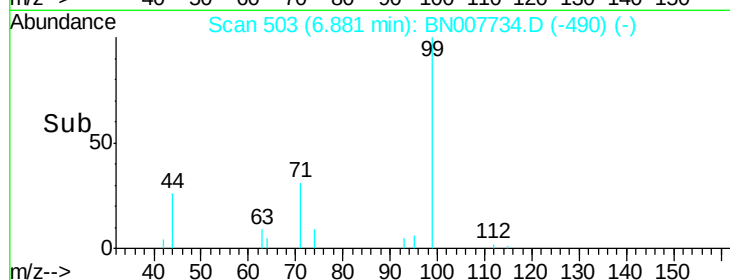
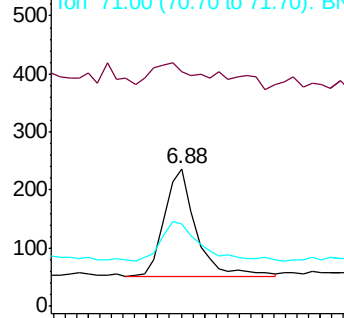
99 100

42 24.2 12.8 19.2#

71 47.0 27.6 41.4#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Tgt Ion: 136 Resp: 23272

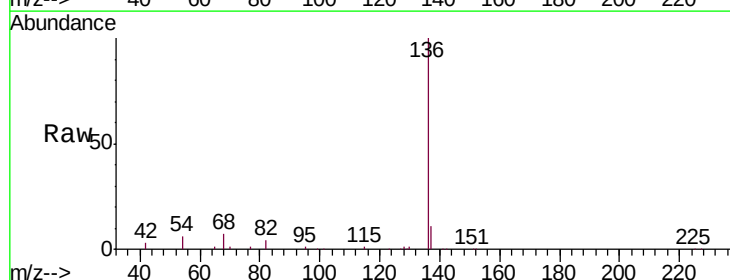
Ion Ratio Lower Upper

136 100

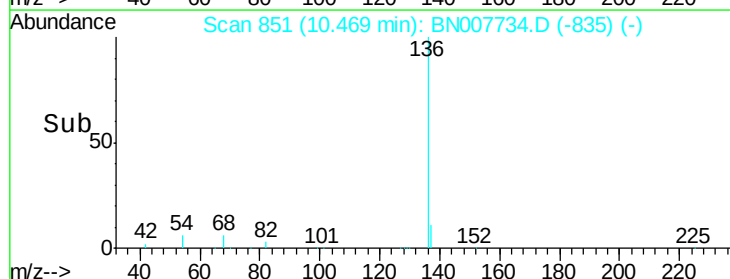
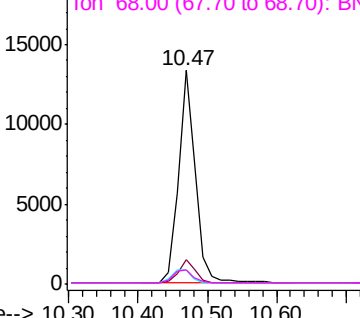
137 11.2 9.2 13.8

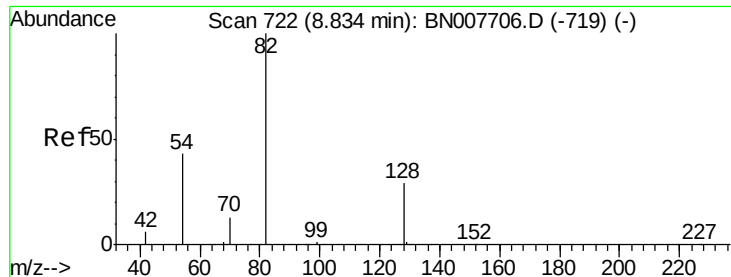
54 6.4 5.8 8.8

68 6.8 6.5 9.7



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

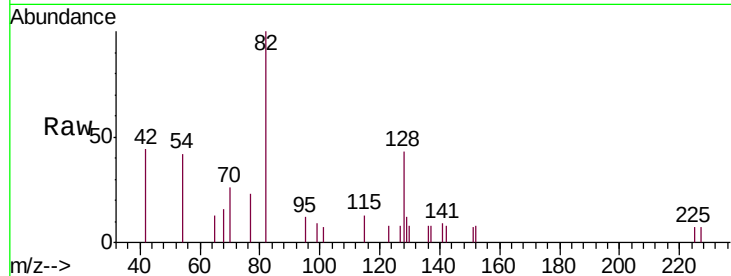




#8
 Nitrobenzene-d5
 Concen: 0.062 ng
 RT: 8.85 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20190912DL

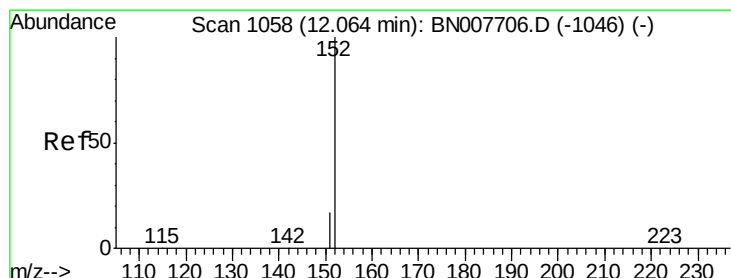
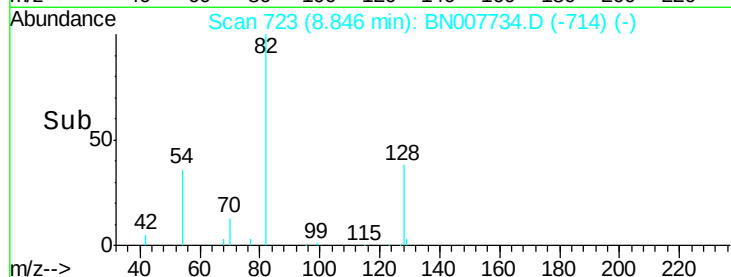
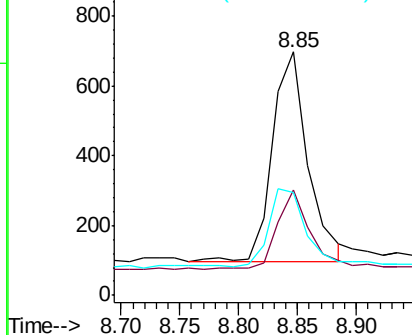
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	24.5	36.7#
54	42.1	35.2	52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

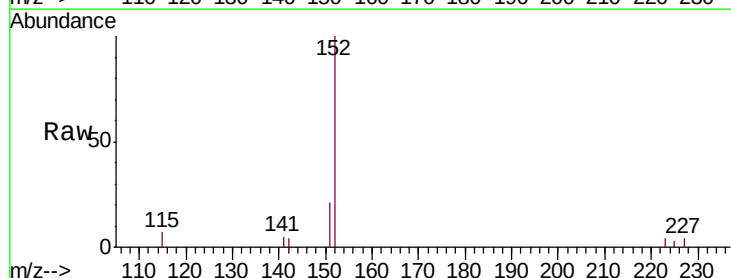
Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



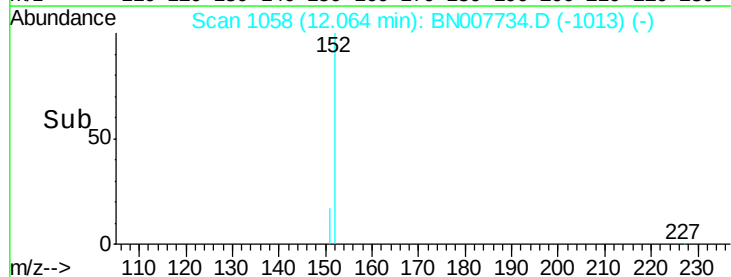
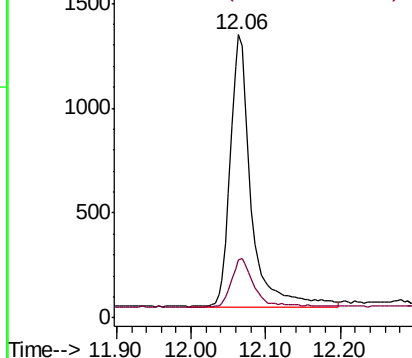
#11
 2-Methylnaphthalene-d10
 Concen: 0.065 ng
 RT: 12.06 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

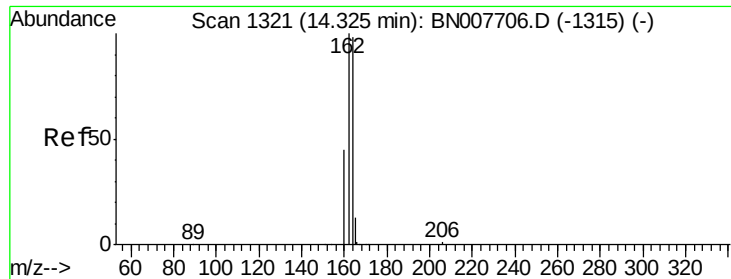
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2



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: 14.32 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

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ClientSampleId :

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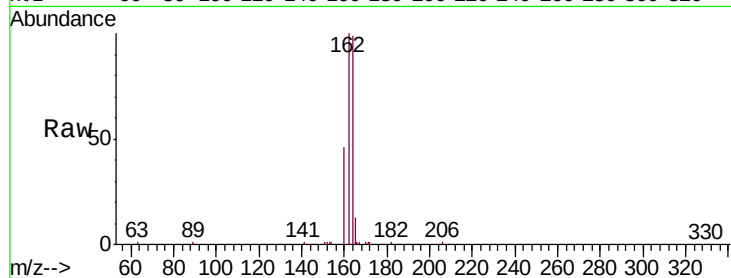
Tgt Ion:164 Resp: 14472

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

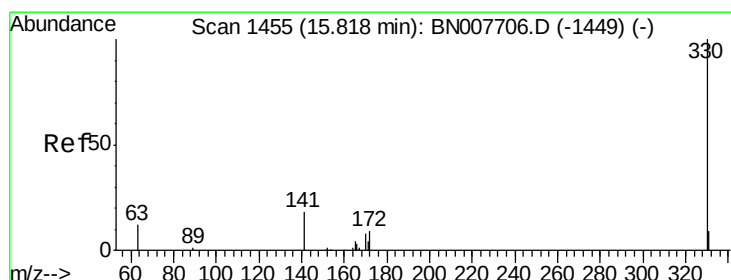
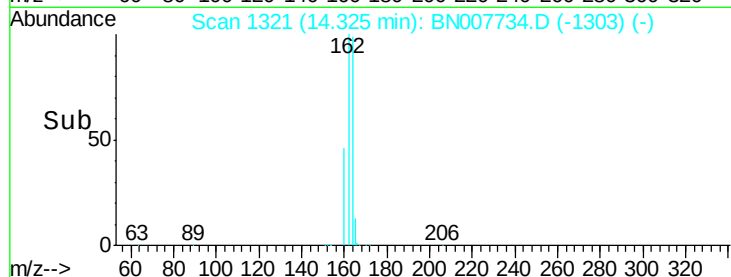
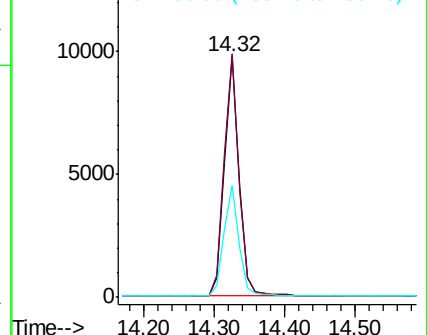
160 46.4 37.0 55.4



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: 0.049 ng

RT: 15.82 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

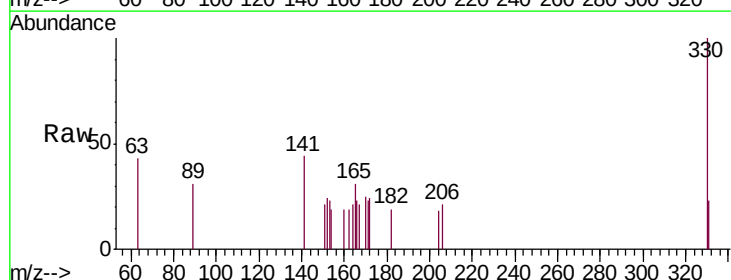
Tgt Ion:330 Resp: 386

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

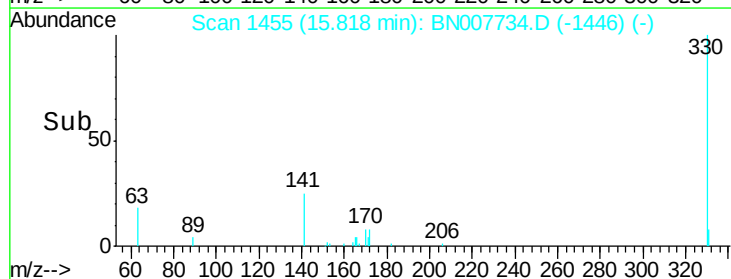
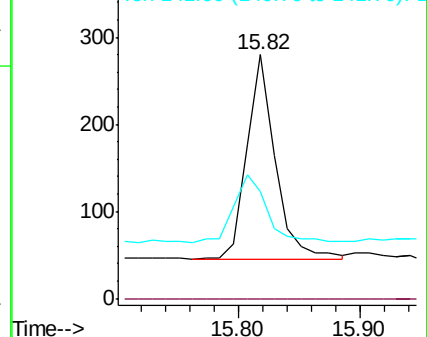
141 39.1 28.7 43.1

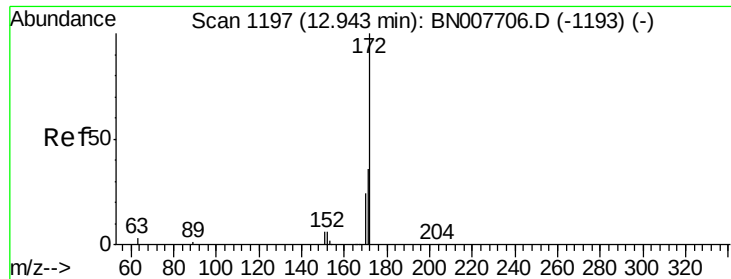


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

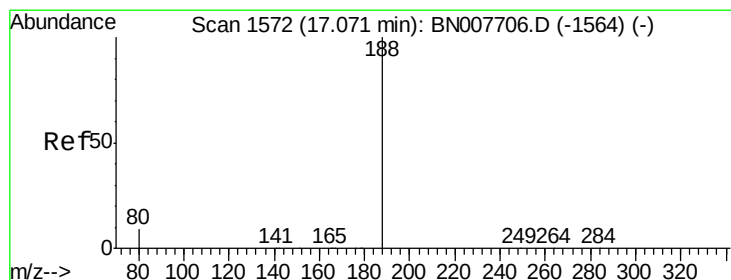
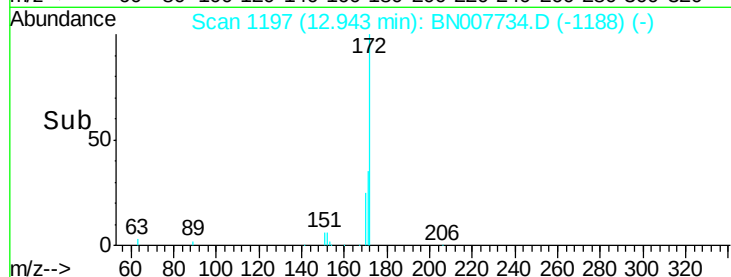
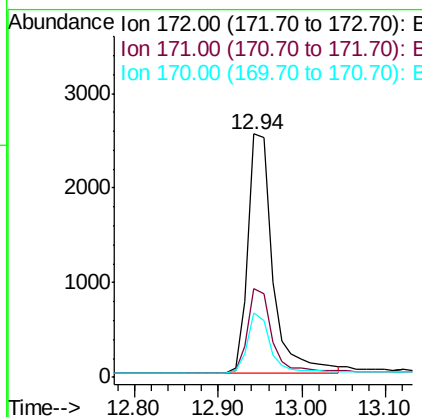
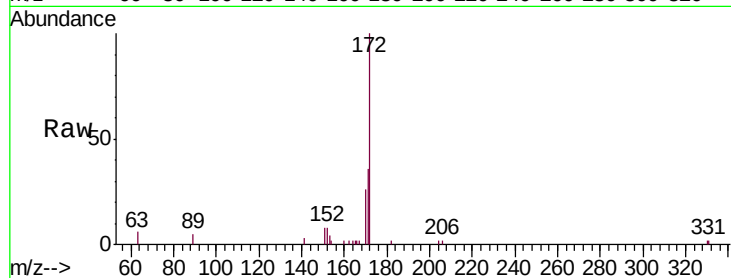




#15
 2-Fluorobiphenyl
 Concen: 0.088 ng
 RT: 12.94 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

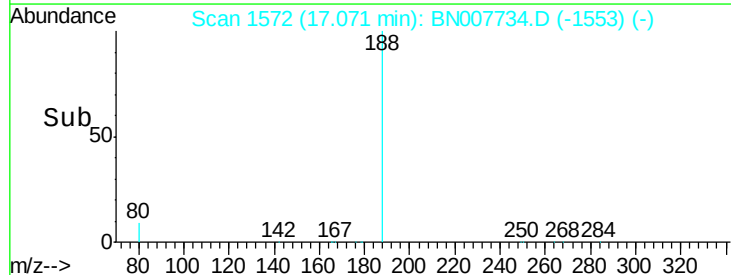
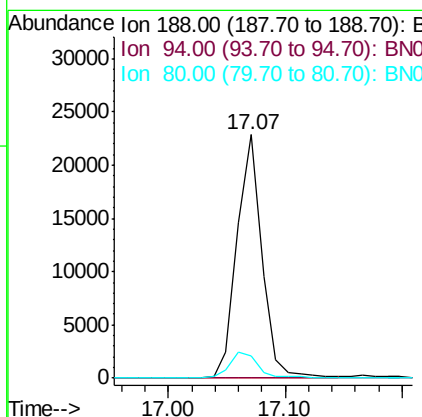
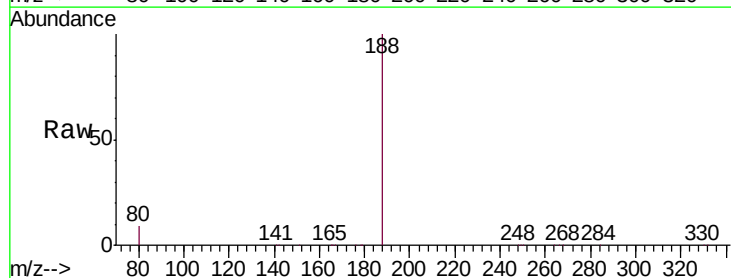
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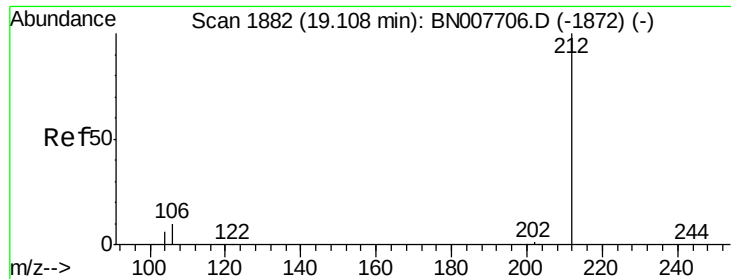
Tgt Ion:172 Resp: 5223
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.8 43.2
 170 26.4 19.5 29.3



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BN007734.D
 Acq: 19 Sep 2019 10:20

Tgt Ion:188 Resp: 33363
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.9 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.072 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912DL

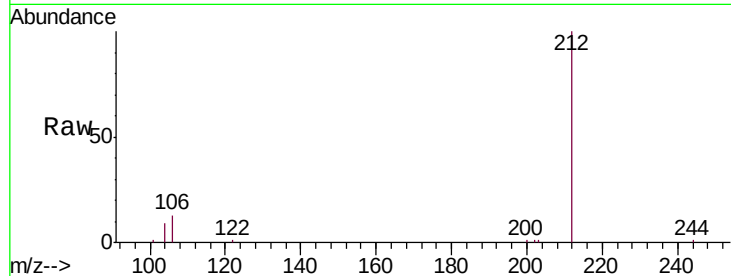
Tgt Ion:212 Resp: 8152

Ion Ratio Lower Upper

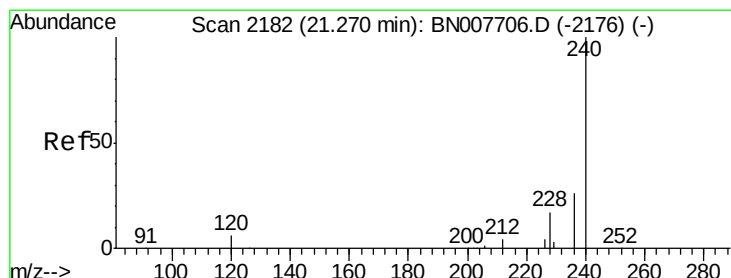
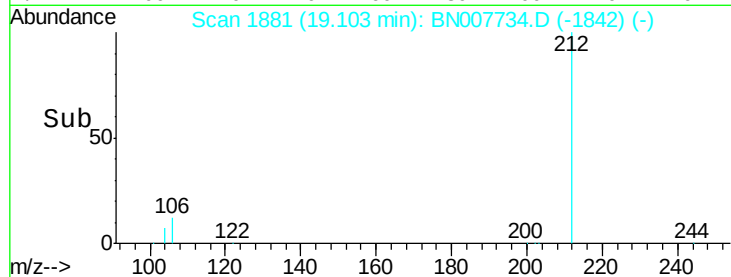
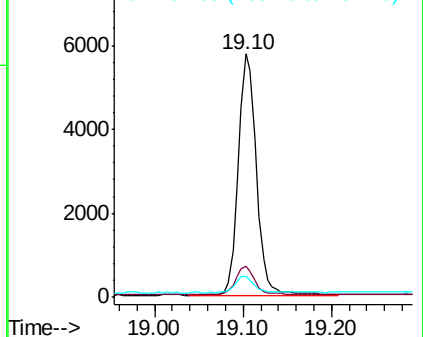
212 100

106 12.4 9.4 14.0

104 7.1 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: BN007734.D

Acq: 19 Sep 2019 10:20

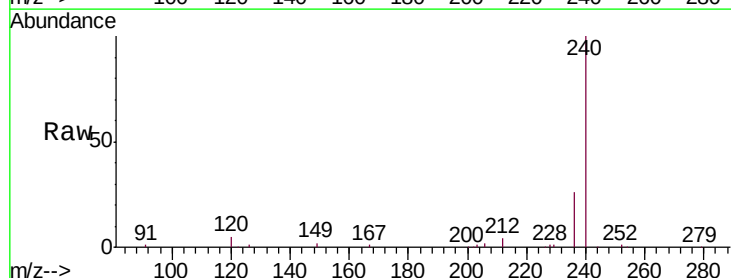
Tgt Ion:240 Resp: 35509

Ion Ratio Lower Upper

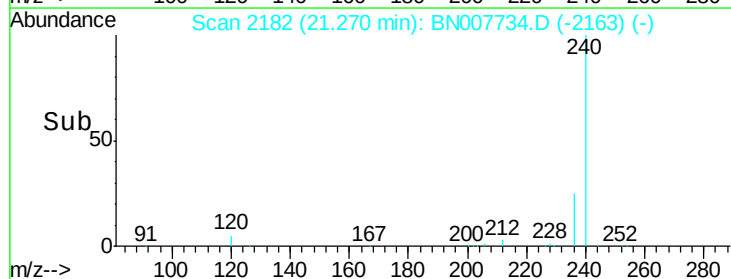
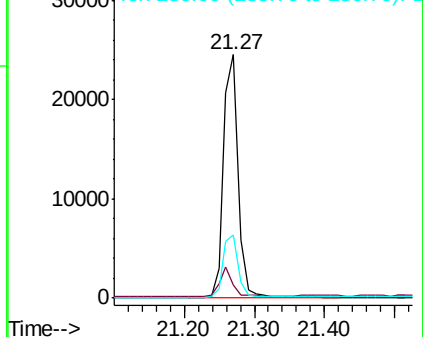
240 100

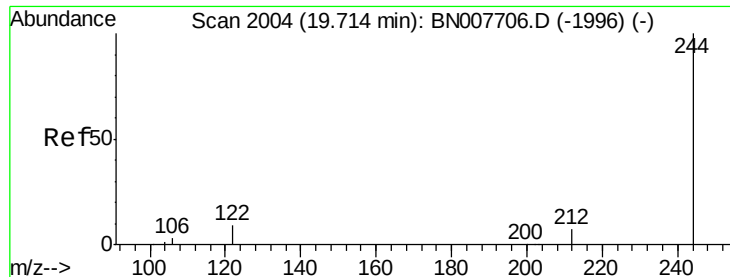
120 5.5 5.4 8.2

236 25.7 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: 0.096 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

Instrument :

BNA_N

ClientSampleId :

MW201D-20190912DL

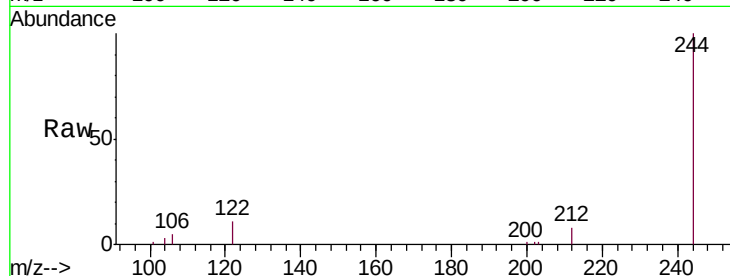
Tgt Ion:244 Resp: 8409

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

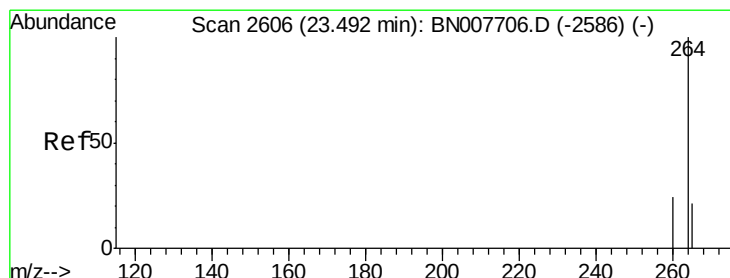
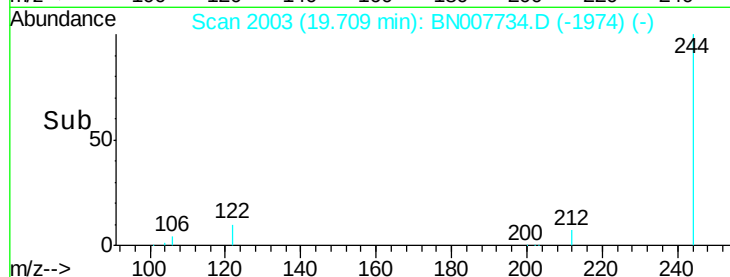
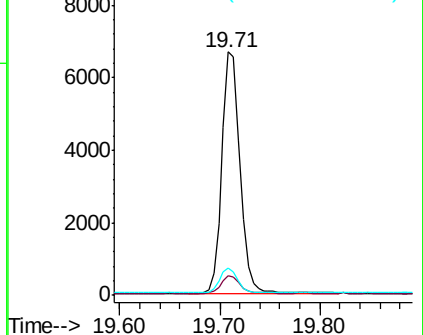
122 11.4 7.4 11.2#



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# 2604

Delta R.T. -0.01 min

Lab File: BN007734.D

Acq: 19 Sep 2019 10:20

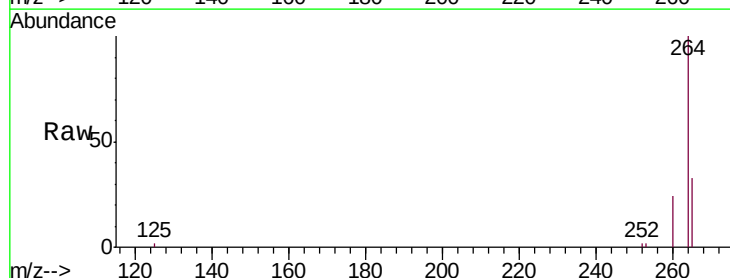
Tgt Ion:264 Resp: 38225

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 33.2 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

