

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091919\
 Data File : BN007751.D
 Acq On : 19 Sep 2019 21:10
 Operator : HP/JU
 Sample : K4858-14 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20190910DL

Quant Time: Sep 20 01:50:04 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

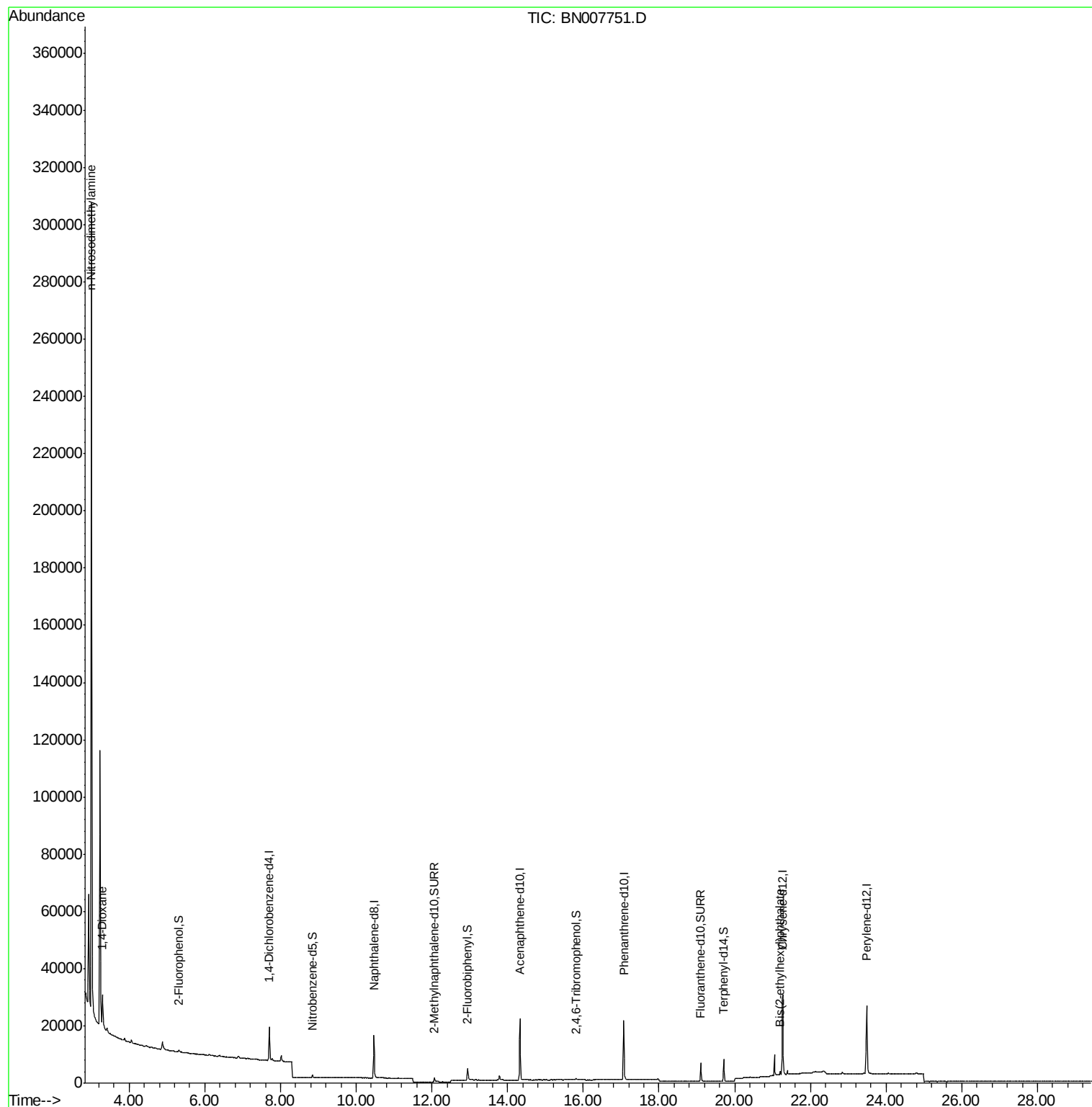
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	5625	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	20905	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	12579	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	28792	0.40	ng	0.00
27) Chrysene-d12	21.27	240	31198	0.40	ng	0.00
34) Perylene-d12	23.49	264	32325	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	566	0.03	ng	0.00
5) Phenol-d6	6.88	99	498	0.01	ng	0.00
8) Nitrobenzene-d5	8.85	82	1084	0.06	ng	0.01
11) 2-Methylnaphthalene-d10	12.06	152	2513	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	353	0.05	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	4325	0.08	ng	0.00
25) Fluoranthene-d10	19.10	212	7585	0.08	ng	0.00
29) Terphenyl-d14	19.71	244	7816	0.10	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	8983	1.433	ng	# 89
3) n-Nitrosodimethylamine	3.01	42	23260	8.100	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.20	149	1300	0.022	ng	96

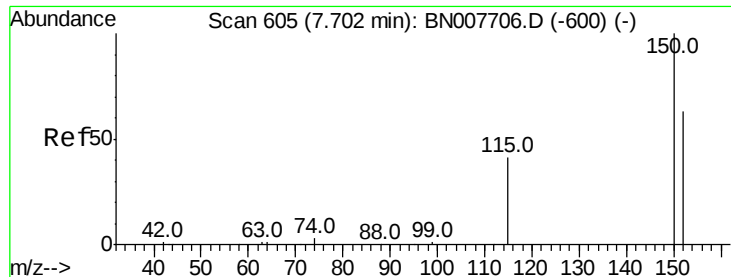
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

BNA_N

ClientSampleId :

RE125D2-20190910DL

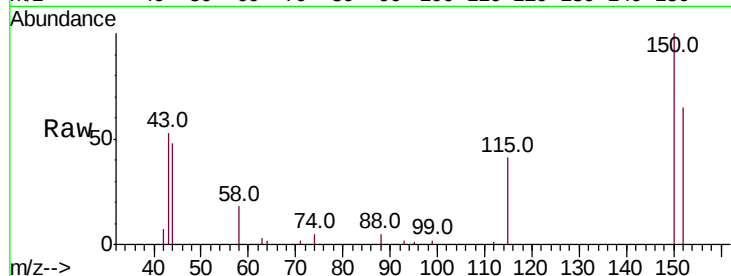
Tot Ion:152 Resp: 5625

Ion Ratio Lower Upper

152 100

150 154.5 125.6 188.4

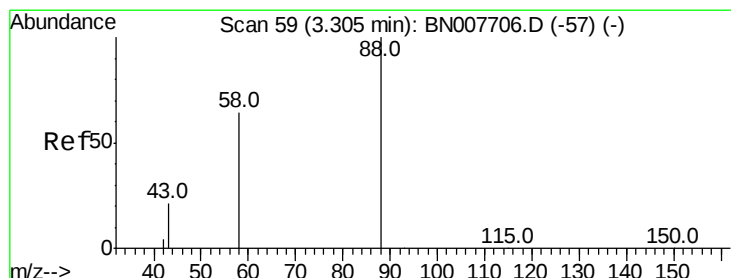
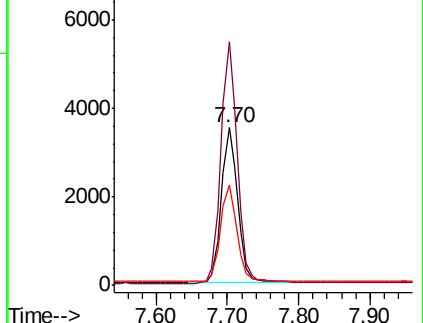
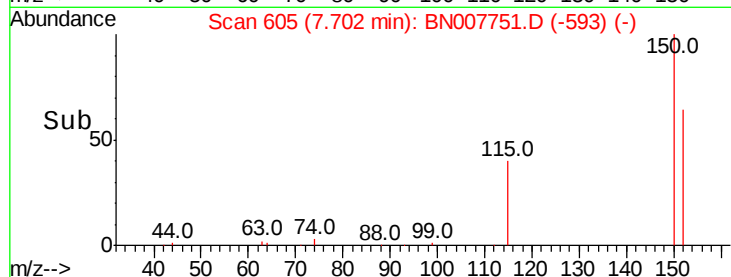
115 63.9 53.3 79.9



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: 1.433 ng

RT: 3.30 min Scan# 58

Delta R.T. -0.01 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

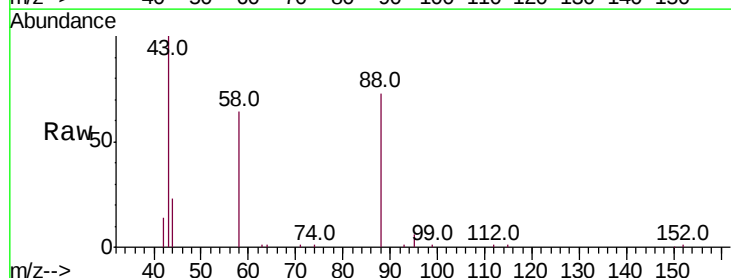
Tgt Ion: 88 Resp: 8983

Ion Ratio Lower Upper

88 100

58 61.9 44.6 66.8

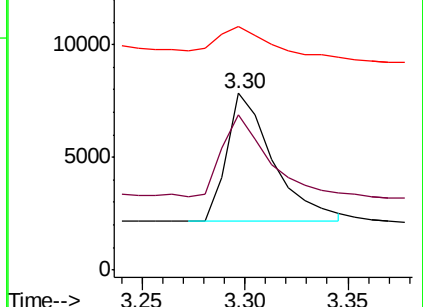
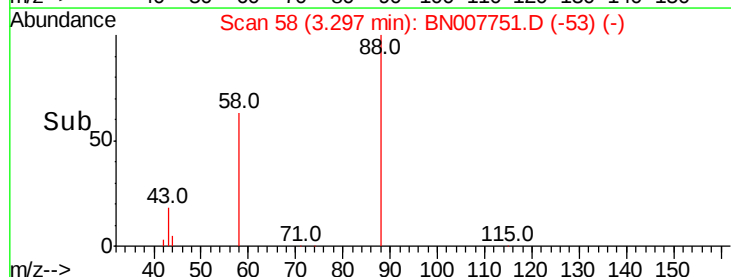
43 26.8 14.4 21.6#

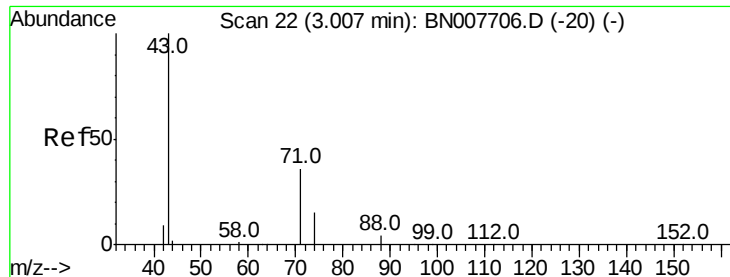


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 8.100 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

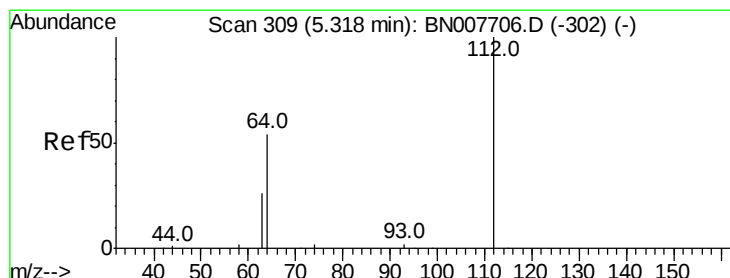
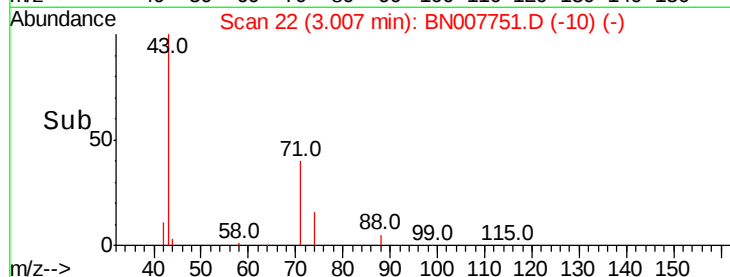
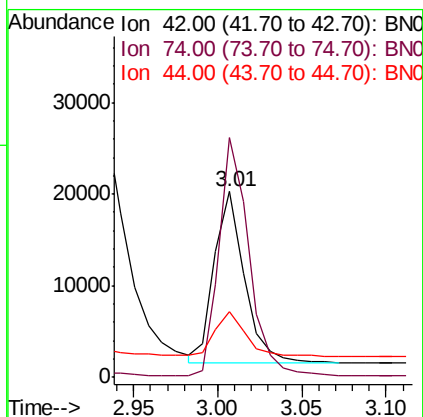
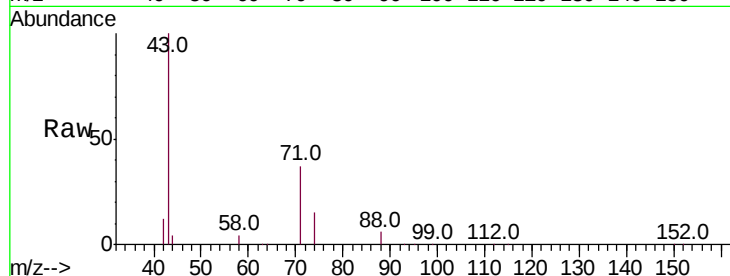
Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Instrument :
BNA_N
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RE125D2-20190910DL

Tot Ion: 42 Resp: 23260

Ion	Ratio	Lower	Upper
42	100		
74	138.8	87.9	131.9#
44	26.4	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.029 ng

RT: 5.32 min Scan# 309

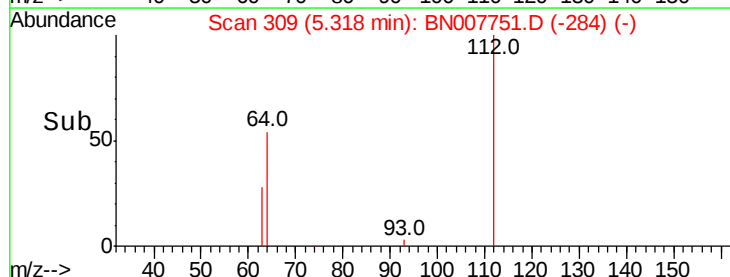
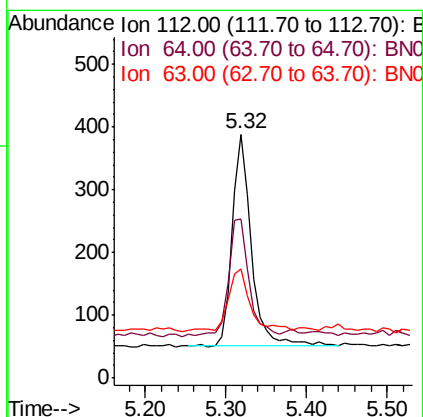
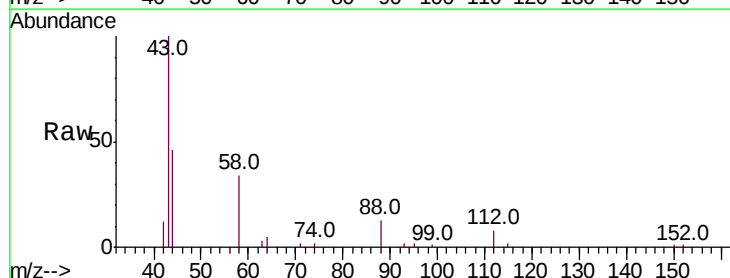
Delta R.T. 0.00 min

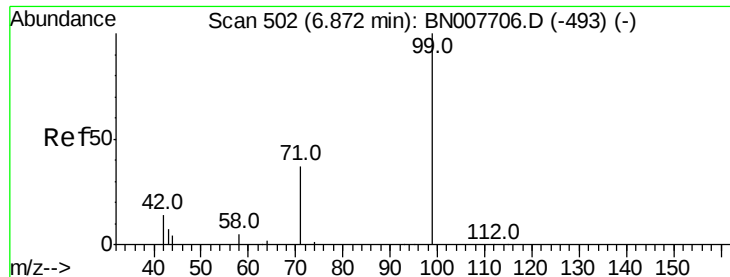
Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Tgt Ion: 112 Resp: 566

Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.6	70.0
63	34.1	23.1	34.7





#5

Phenol-d6

Concen: 0.015 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Instrument :

BNA_N

ClientSampleId :

RE125D2-20190910DL

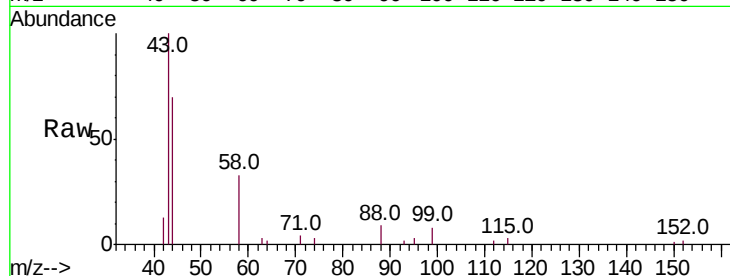
Tot Ion: 99 Resp: 498

Ion Ratio Lower Upper

99 100

42 31.9 12.8 19.2#

71 42.0 27.6 41.4#

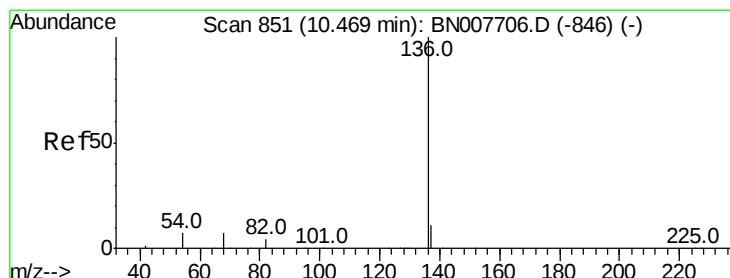
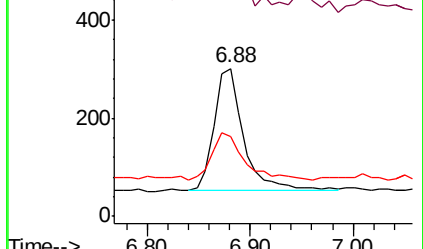
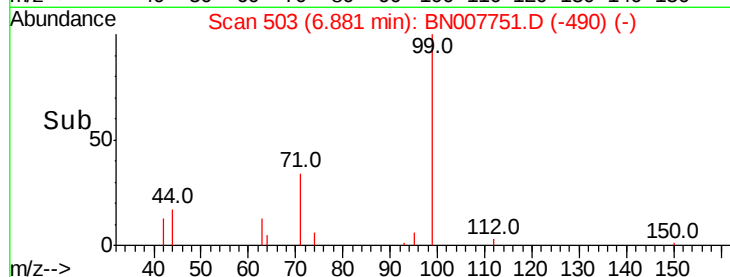


Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 851

Delta R.T. 0.00 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Tgt Ion: 136 Resp: 20905

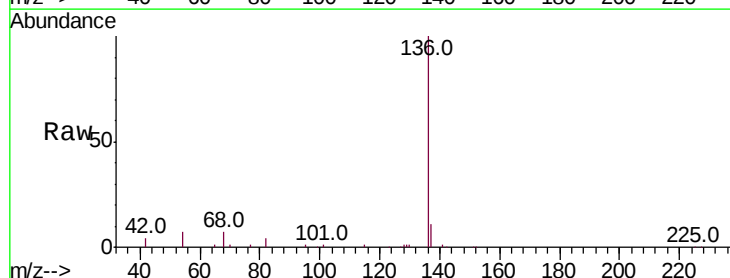
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.6 5.8 8.8

68 7.3 6.5 9.7



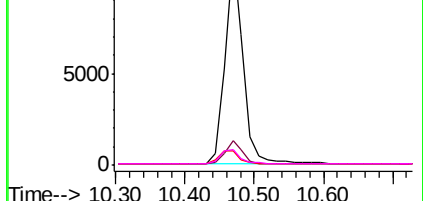
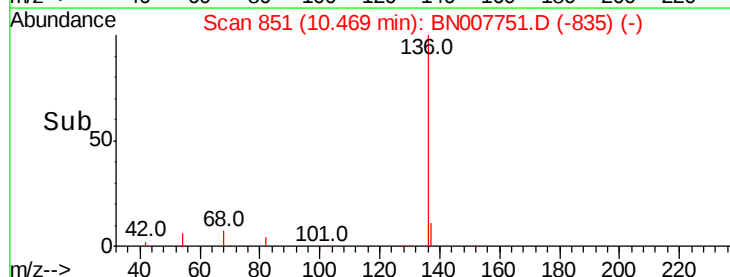
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

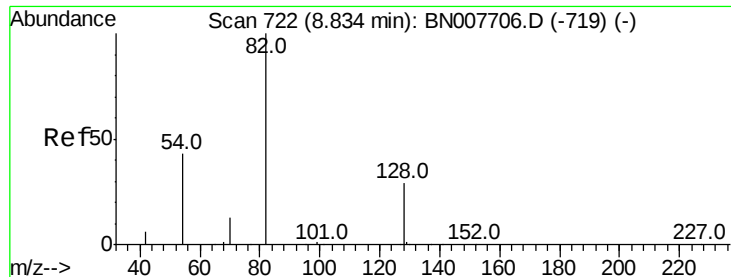
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

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

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

Time-->





#8

Nitrobenzene-d5

Concen: 0.059 ng

RT: 8.85 min Scan# 723

Delta R.T. 0.01 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Instrument :

BNA_N

ClientSampleId :

RE125D2-20190910DL

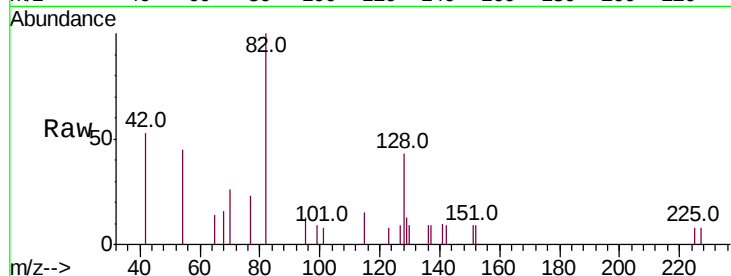
Tot Ion: 82 Resp: 1084

Ion Ratio Lower Upper

82 100

128 43.3 24.5 36.7#

54 45.4 35.2 52.8



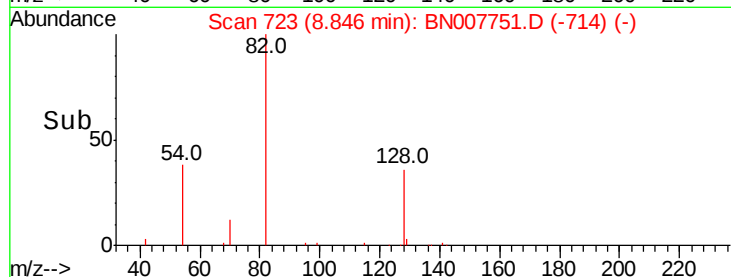
Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

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

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

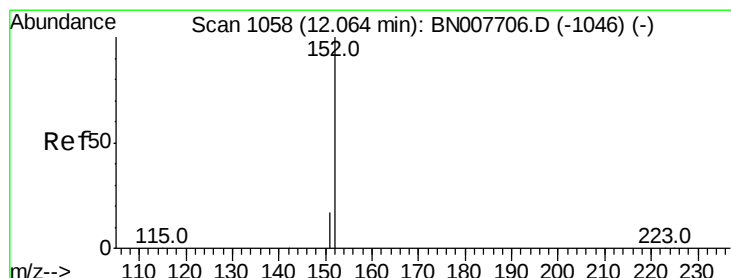
Time-->

8.75 8.80 8.85 8.90



Time-->

8.75 8.80 8.85 8.90



#11

2-Methylnaphthalene-d10

Concen: 0.071 ng

RT: 12.06 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BN007751.D

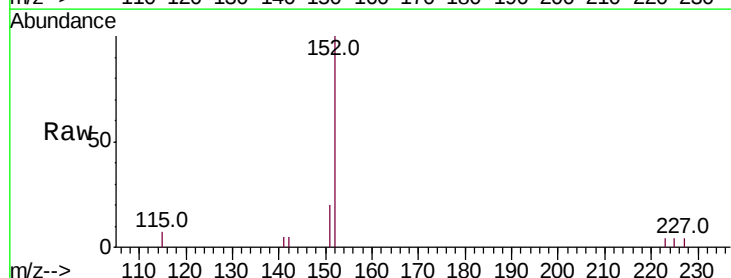
Acq: 19 Sep 2019 21:10

Tgt Ion: 152 Resp: 2513

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2

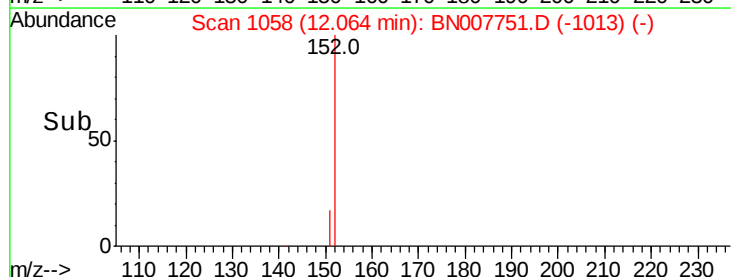


Abundance Ion 152.00 (151.70 to 152.70): BN007706.D (-1046) (-)

Ion 151.00 (150.70 to 151.70): BN007706.D (-1046) (-)

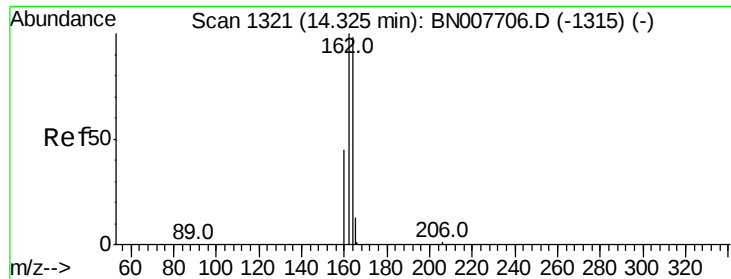
Time-->

12.00 12.10 12.20



Time-->

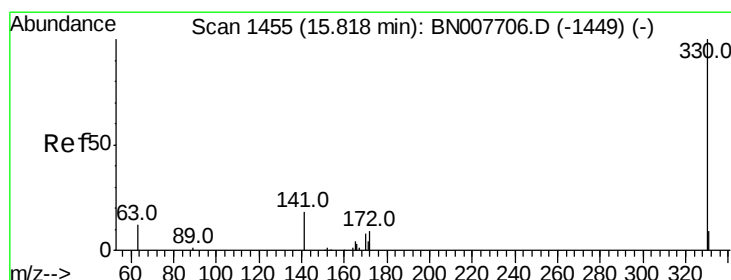
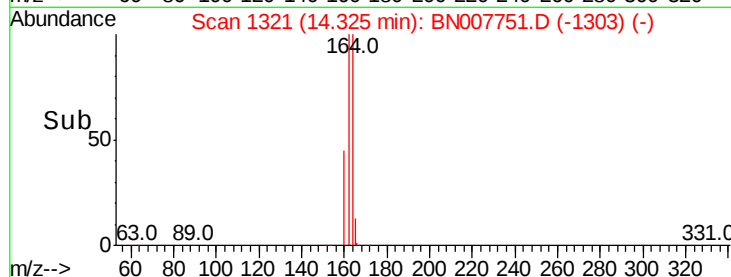
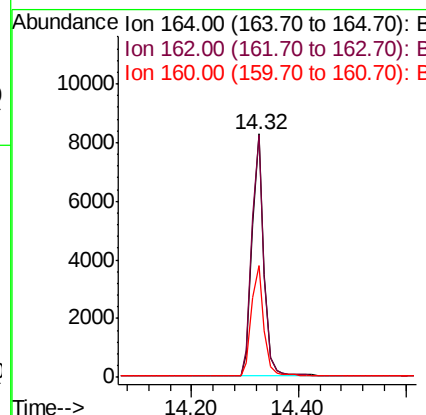
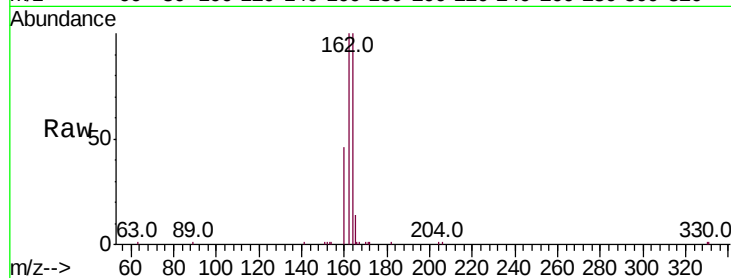
12.00 12.10 12.20



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BN007751.D
Acq: 19 Sep 2019 21:10

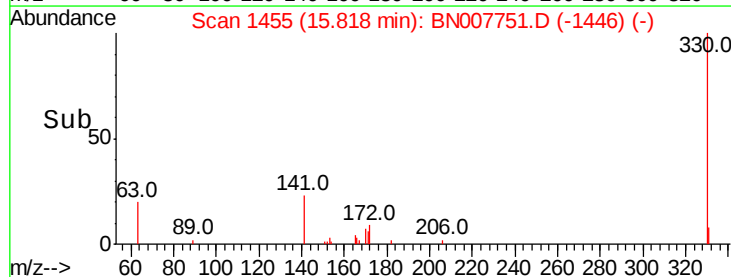
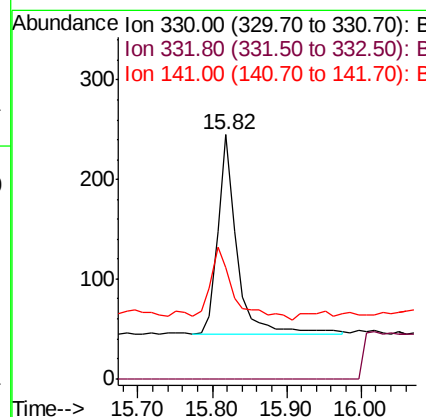
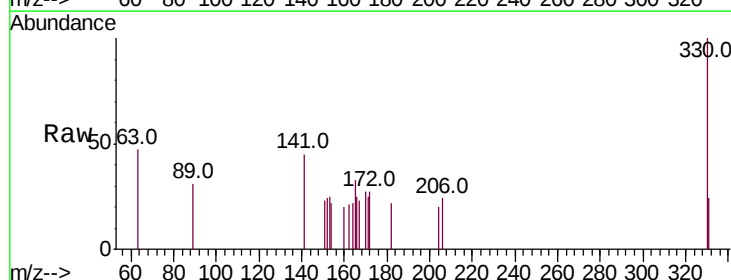
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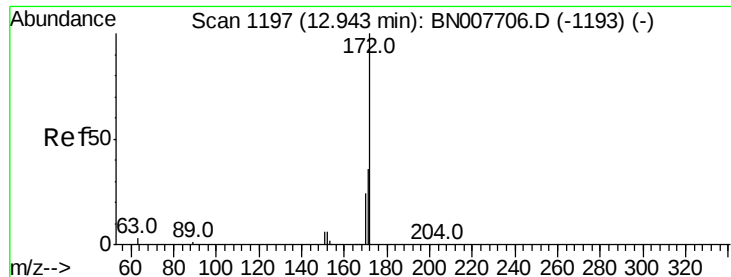
Tot Ion:164 Resp: 12579
Ion Ratio Lower Upper
164 100
162 99.8 81.7 122.5
160 45.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.052 ng
RT: 15.82 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BN007751.D
Acq: 19 Sep 2019 21:10

Tgt Ion:330 Resp: 353
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.2 28.7 43.1#

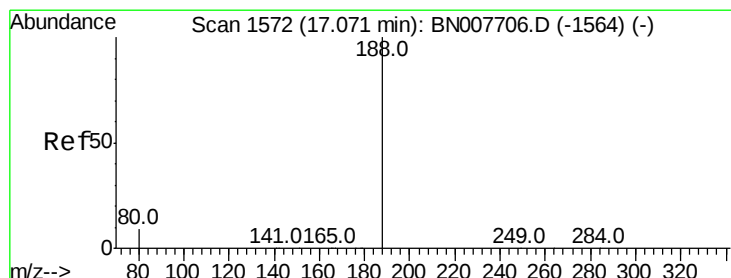
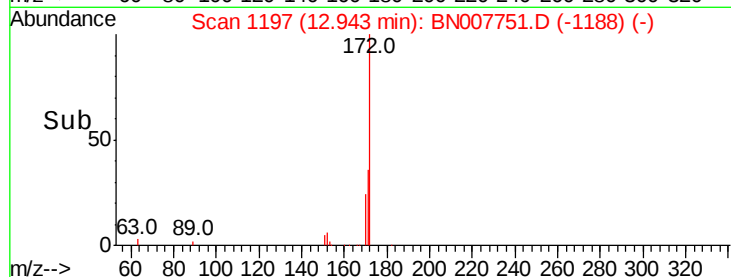
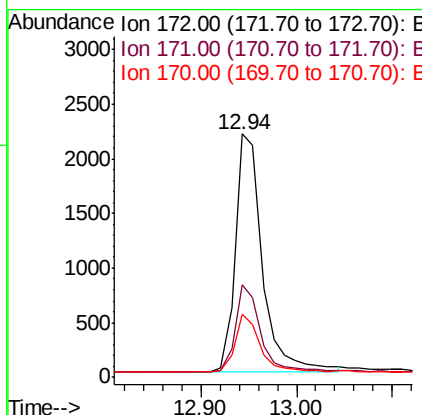
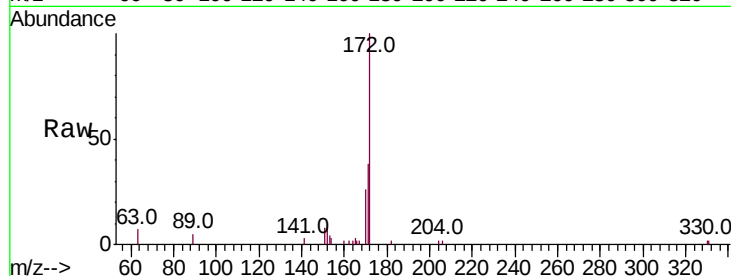




#15
2-Fluorobiphenyl
Concen: 0.083 ng
RT: 12.94 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BN007751.D
Acq: 19 Sep 2019 21:10

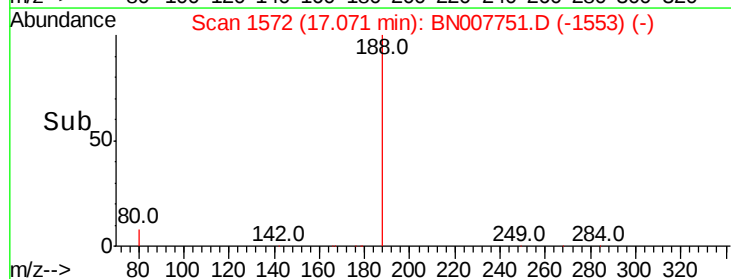
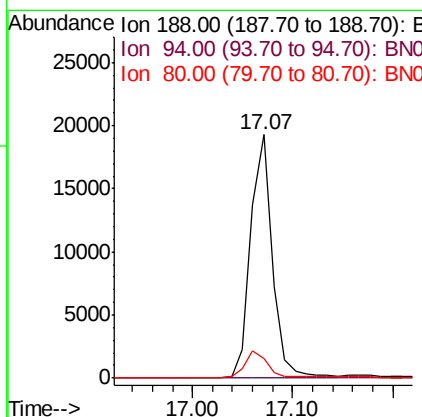
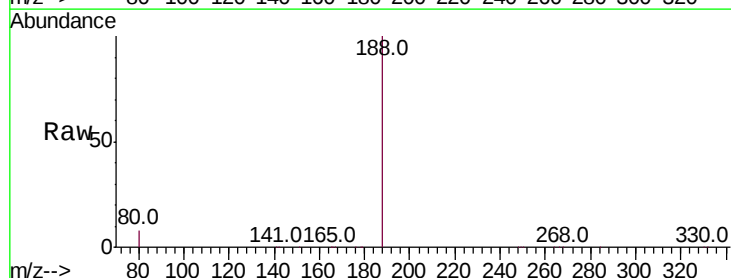
Instrument :
BNA_N
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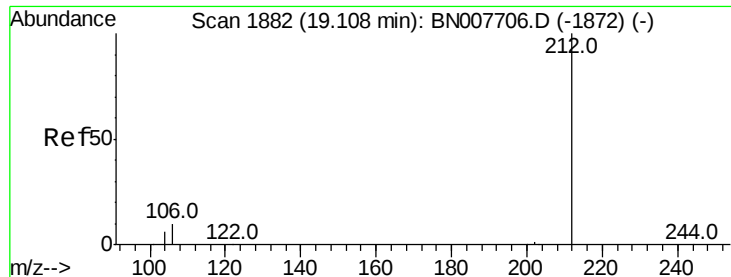
Tot Ion:172 Resp: 4325
Ion Ratio Lower Upper
172 100
171 37.9 28.8 43.2
170 25.8 19.5 29.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BN007751.D
Acq: 19 Sep 2019 21:10

Tgt Ion:188 Resp: 28792
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.4 11.2





#25

Fluoranthene-d10

Concen: 0.078 ng

RT: 19.10 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Instrument :

BNA_N

ClientSampleId :

RE125D2-20190910DL

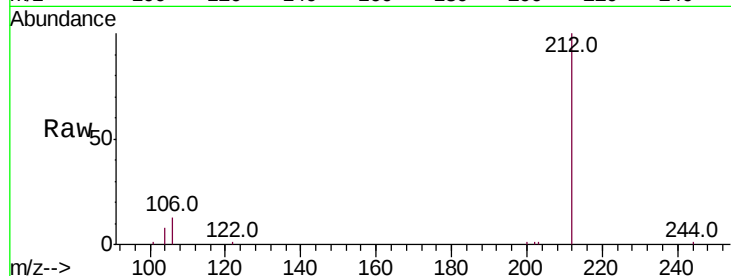
Tot Ion:212 Resp: 7585

Ion Ratio Lower Upper

212 100

106 12.0 9.4 14.0

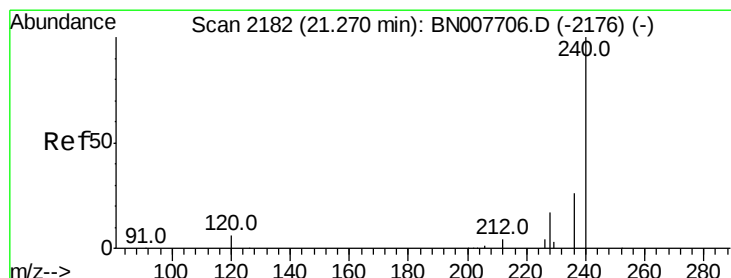
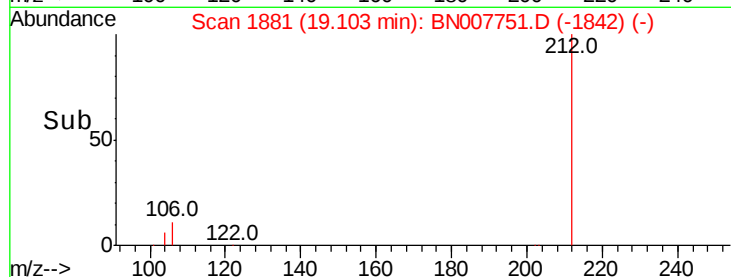
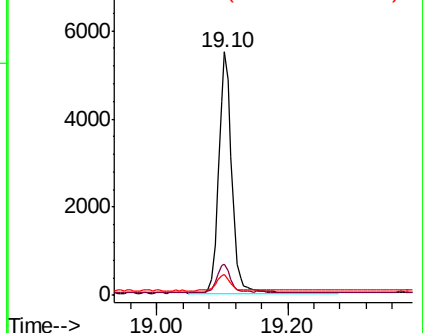
104 6.9 5.3 7.9



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: BN007751.D

Acq: 19 Sep 2019 21:10

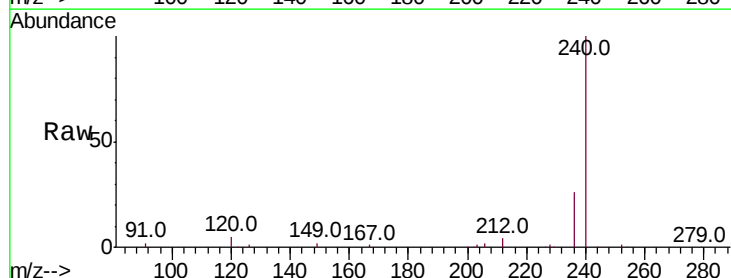
Tgt Ion:240 Resp: 31198

Ion Ratio Lower Upper

240 100

120 5.4 5.4 8.2#

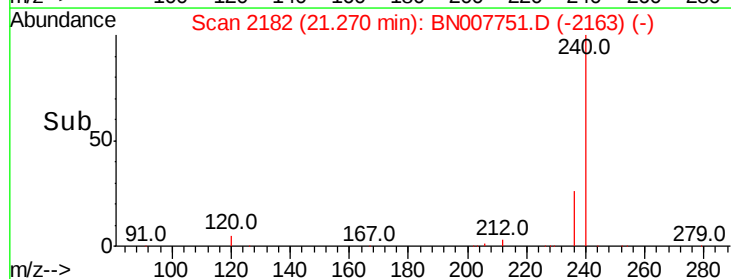
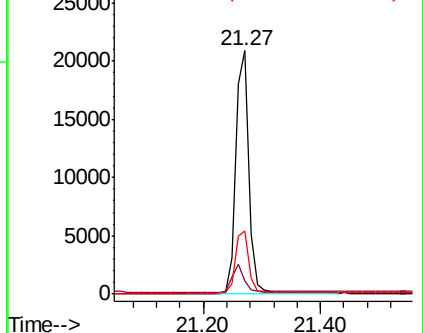
236 25.9 21.0 31.4

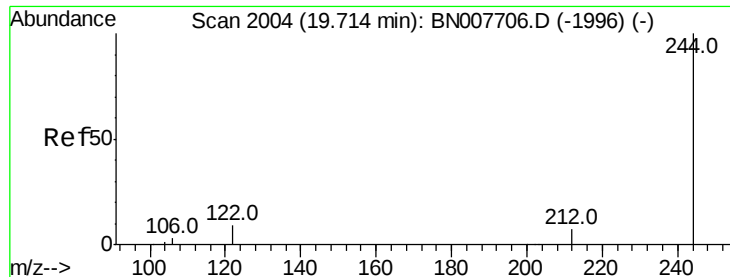


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.102 ng

RT: 19.71 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

Instrument :

BNA_N

ClientSampleId :

RE125D2-20190910DL

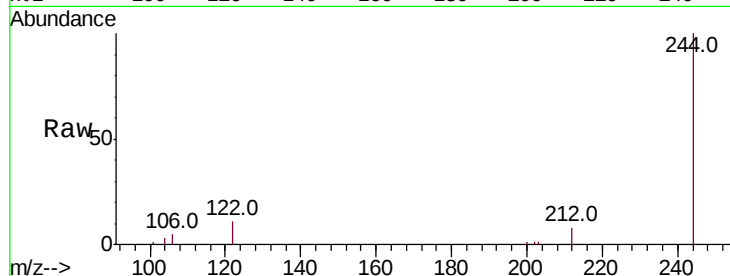
Tot Ion:244 Resp: 7816

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

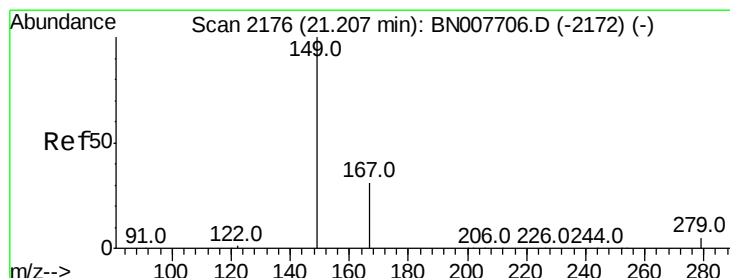
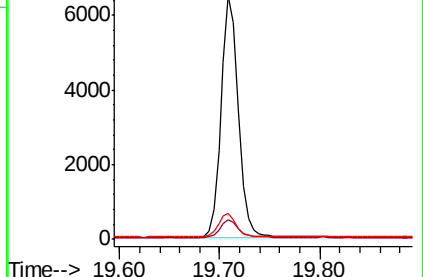
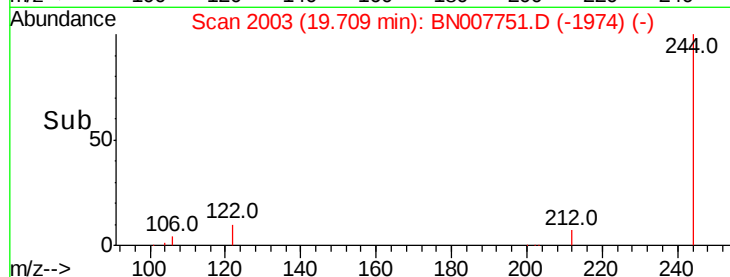
122 10.6 7.4 11.2



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: 0.022 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN007751.D

Acq: 19 Sep 2019 21:10

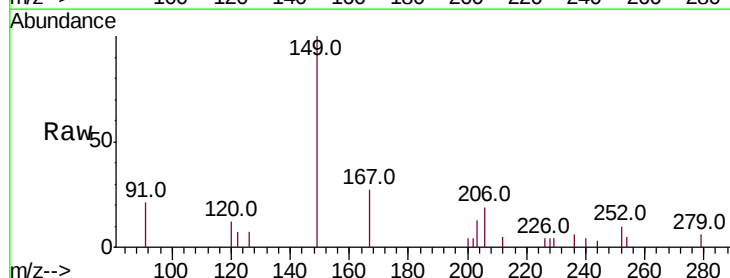
Tgt Ion:149 Resp: 1300

Ion Ratio Lower Upper

149 100

167 31.9 23.7 35.5

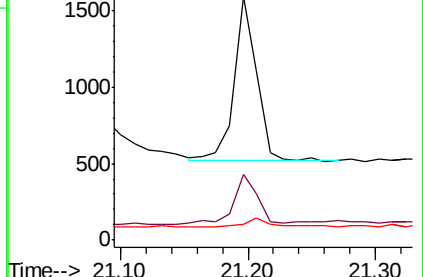
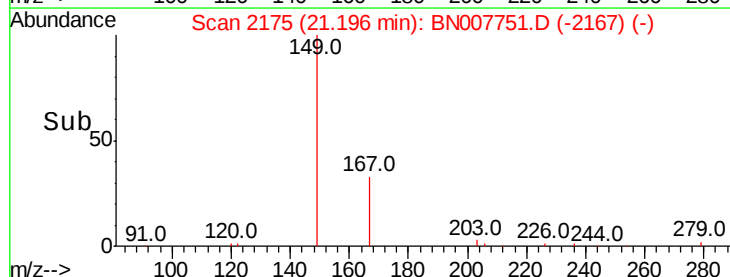
279 5.4 4.2 6.2

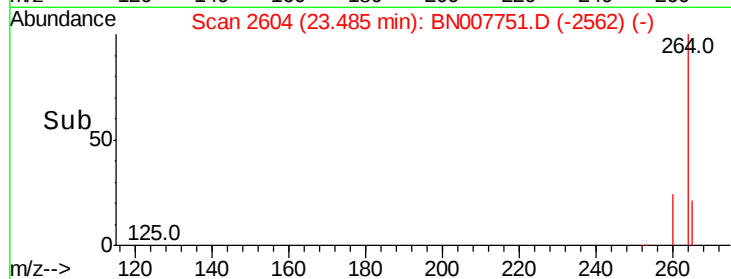
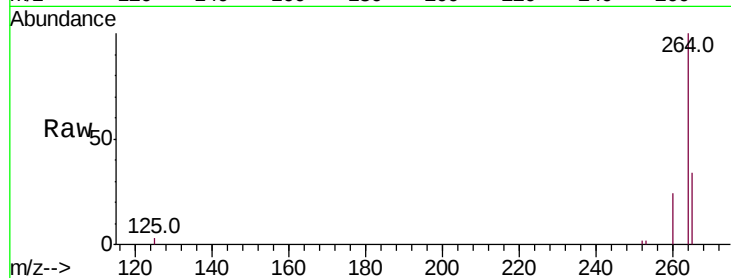
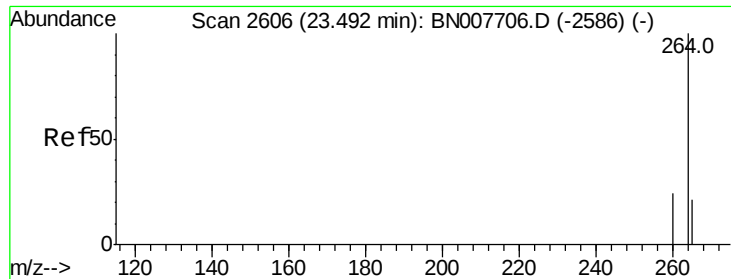


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BN007751.D
 Acq: 19 Sep 2019 21:10

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20190910DL

Tot Ion:	264	Resp:	32325
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.3	28.9
265	33.7	26.9	40.3

