

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007875.D
 Acq On : 26 Sep 2019 05:06
 Operator : JU
 Sample : K4975-05DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20190917DL

Quant Time: Sep 26 07:47:14 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	7.69	152	9426	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	37228	0.40	ng	-0.01
13) Acenaphthene-d10	14.32	164	21903	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	44105	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	46692	0.40	ng	-0.02
34) Perylene-d12	23.47	264	51670	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	2082	0.06	ng	0.00
5) Phenol-d6	6.87	99	1594	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	5600	0.17	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	10731	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1539	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	14821	0.16	ng	0.00
25) Fluoranthene-d10	19.09	212	26826	0.18	ng	-0.01
29) Terphenyl-d14	19.70	244	23159	0.20	ng	-0.01

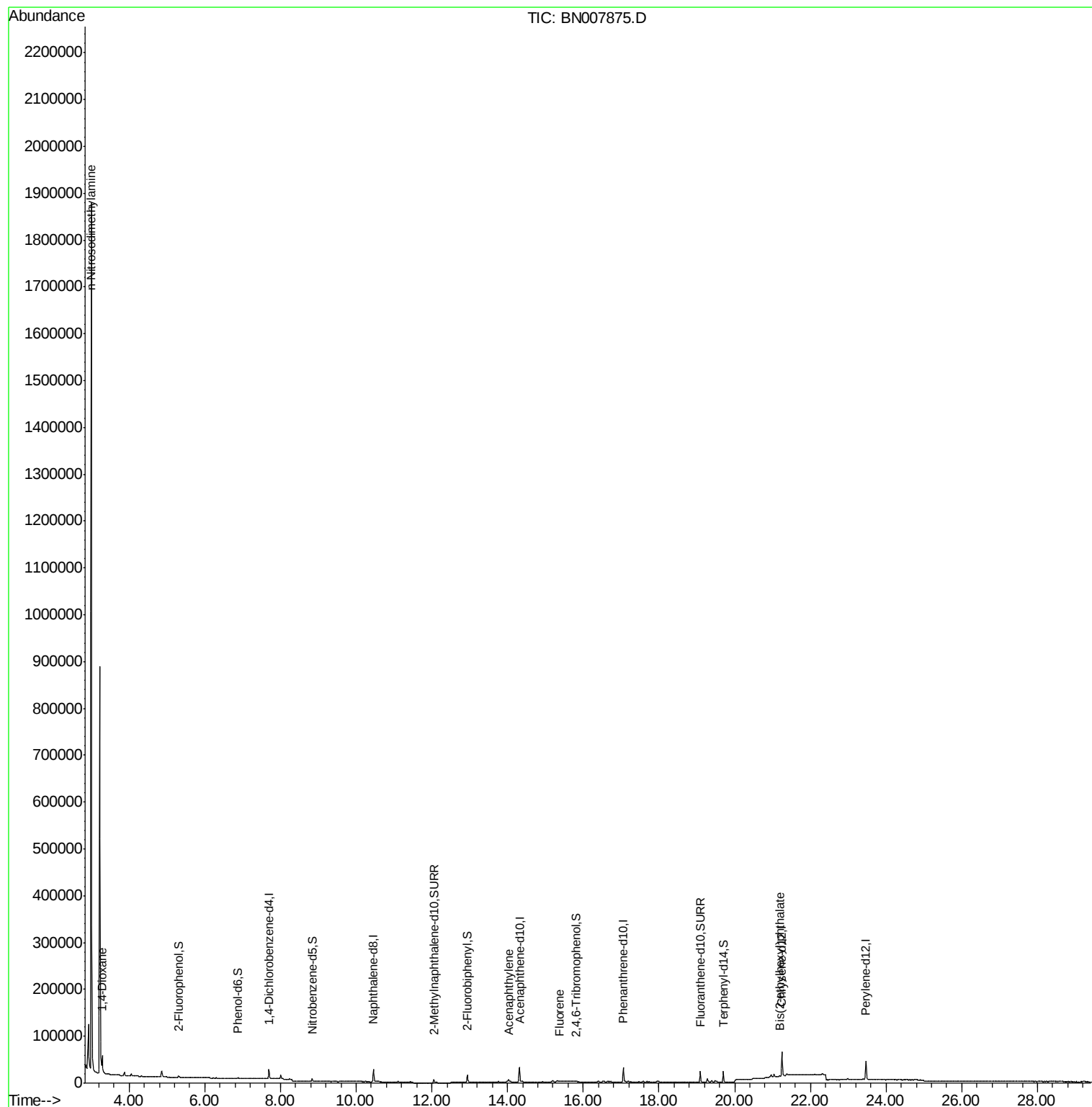
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	27121	2.581	ng	92
3) n-Nitrosodimethylamine	3.00	42	139537	28.997	ng	# 67
16) Acenaphthylene	14.03	152	16489	0.142	ng	98
18) Fluorene	15.38	166	2801	0.029	ng	# 12
32) Bis(2-ethylhexyl)phthalate	21.19	149	2485	0.028	ng	# 88

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

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Quant Time: Sep 26 07:47:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 604

Delta R.T. -0.01 min

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Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

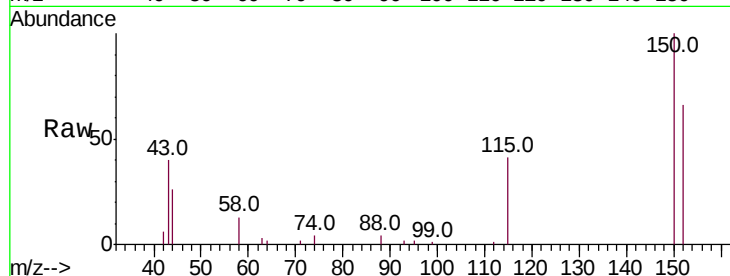
Tot Ion:152 Resp: 9426

Ion Ratio Lower Upper

152 100

150 152.3 125.6 188.4

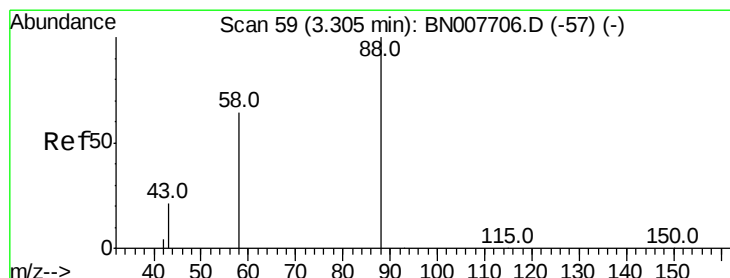
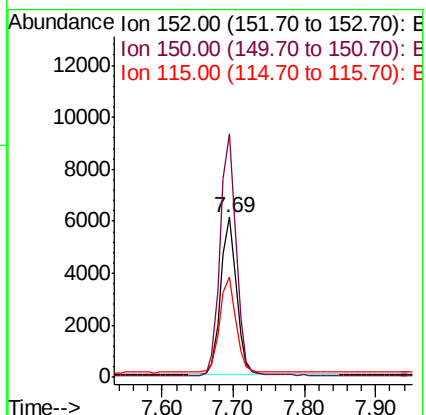
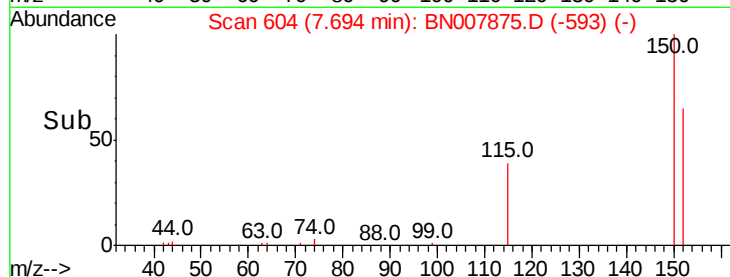
115 62.9 53.3 79.9



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: 2.581 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

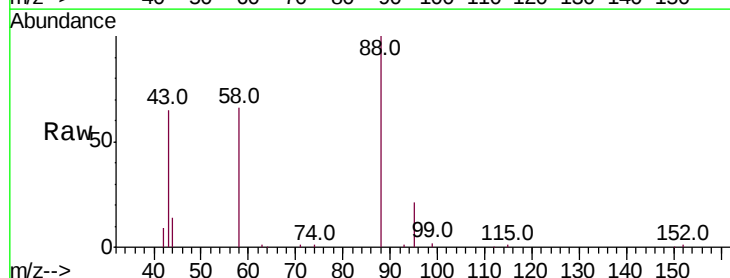
Tgt Ion: 88 Resp: 27121

Ion Ratio Lower Upper

88 100

58 61.4 44.6 66.8

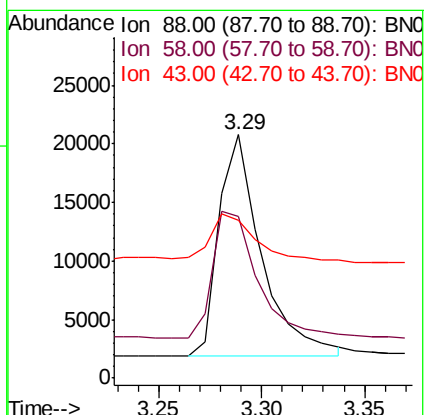
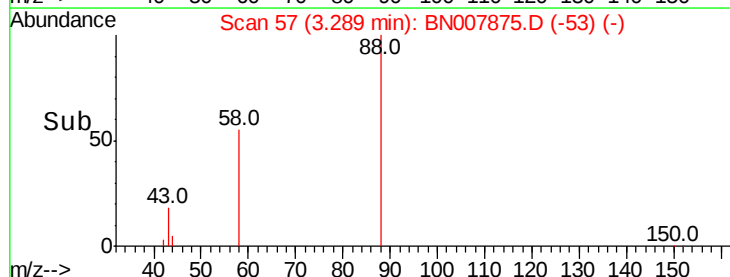
43 21.0 14.4 21.6



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: 28.997 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

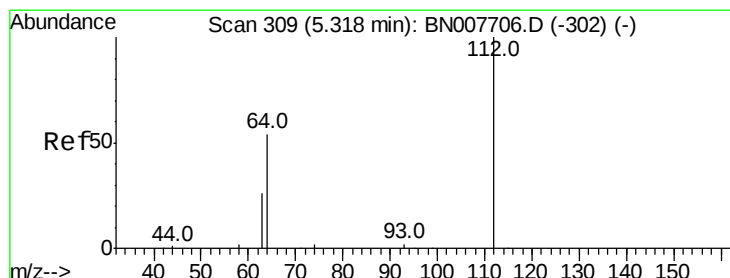
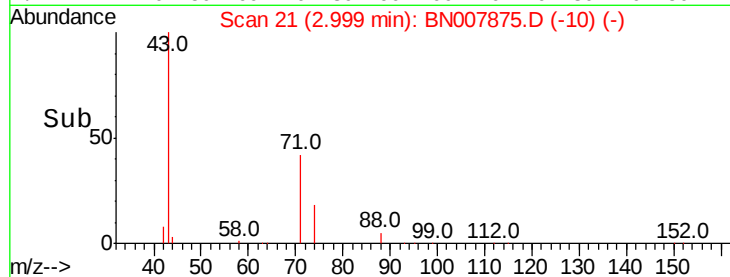
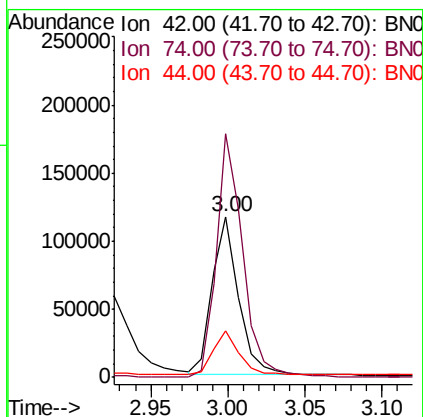
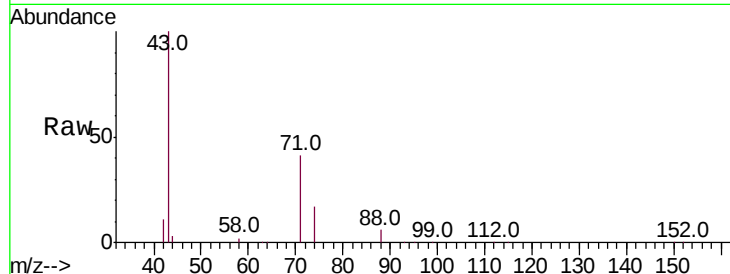
Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :
BNA_N
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RE120D2-20190917DL

Tot Ion: 42 Resp: 139537

Ion	Ratio	Lower	Upper
42	100		
74	151.2	87.9	131.9#
44	27.0	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.064 ng

RT: 5.31 min Scan# 308

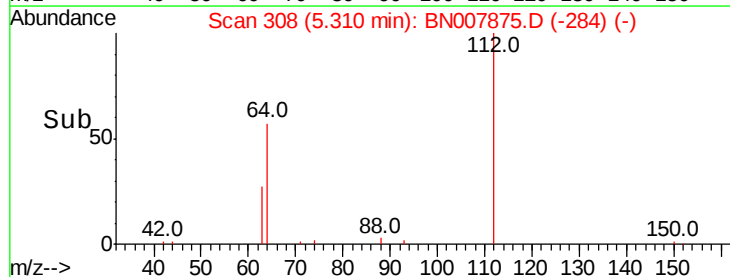
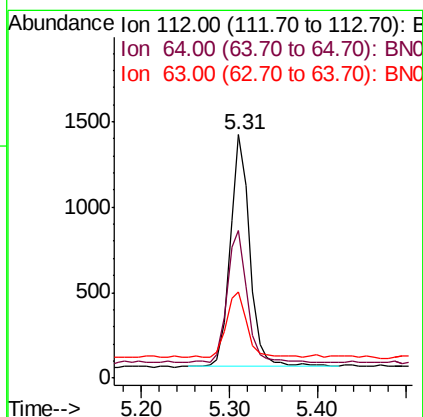
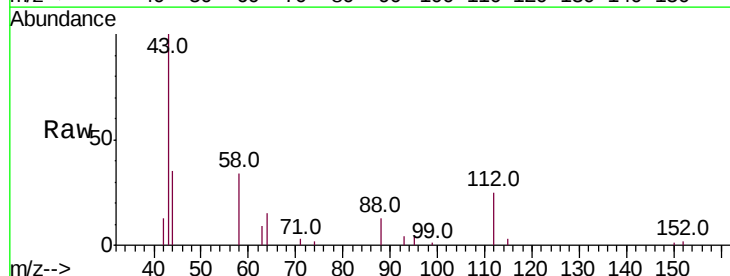
Delta R.T. -0.01 min

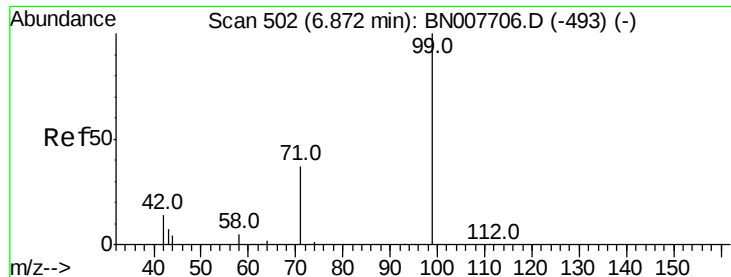
Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Tgt Ion: 112 Resp: 2082

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	70.0
63	29.1	23.1	34.7





#5

Phenol-d6

Concen: 0.034 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

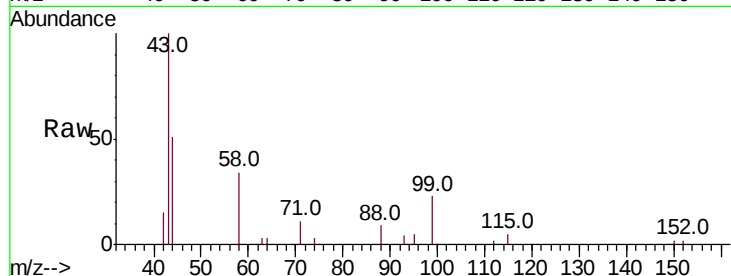
Tot Ion: 99 Resp: 1594

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

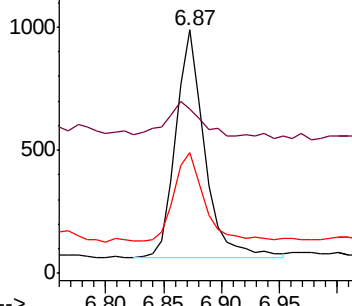
71 41.6 27.6 41.4#



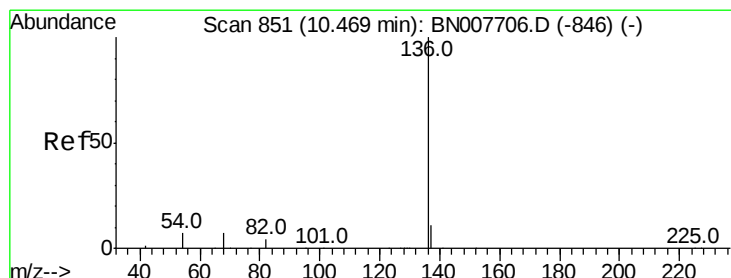
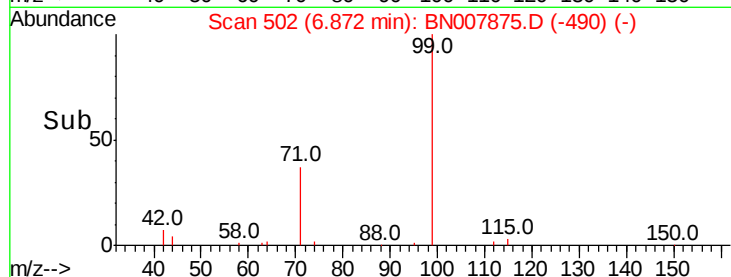
Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Tgt Ion: 136 Resp: 37228

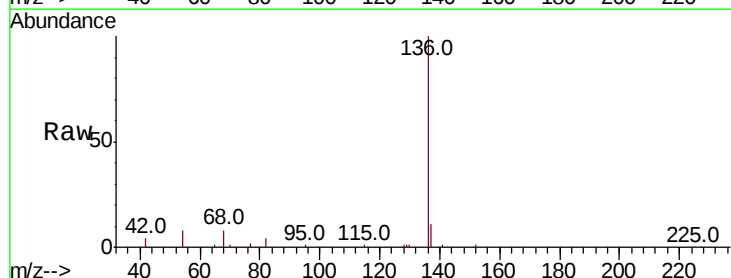
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 7.5 5.8 8.8

68 8.1 6.5 9.7

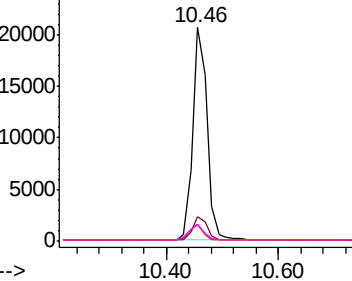


Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

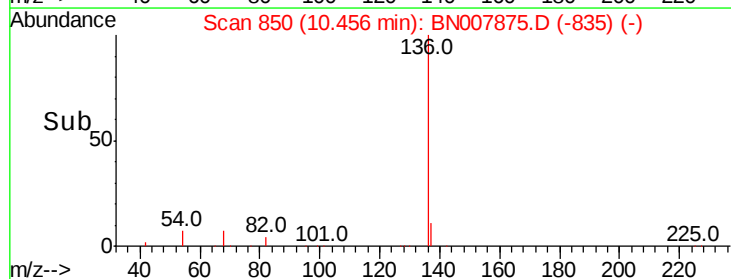
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

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: 0.172 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

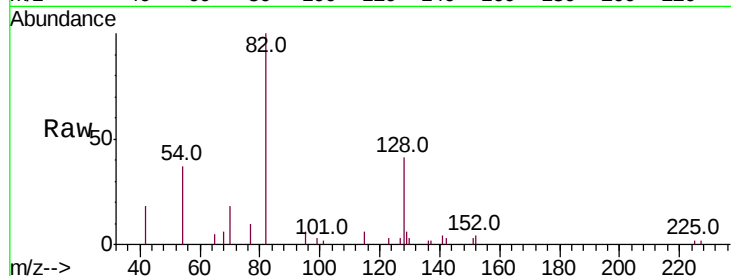
Tot Ion: 82 Resp: 5600

Ion Ratio Lower Upper

82 100

128 41.1 24.5 36.7#

54 37.5 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) (-)

8.83

3000

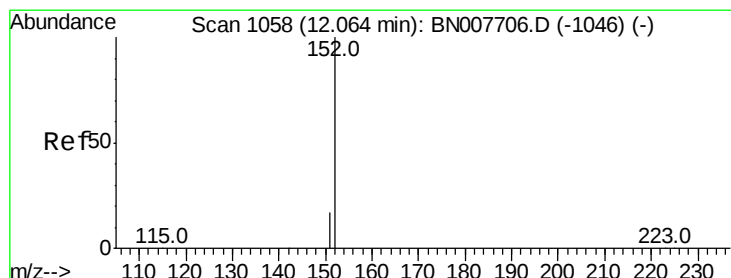
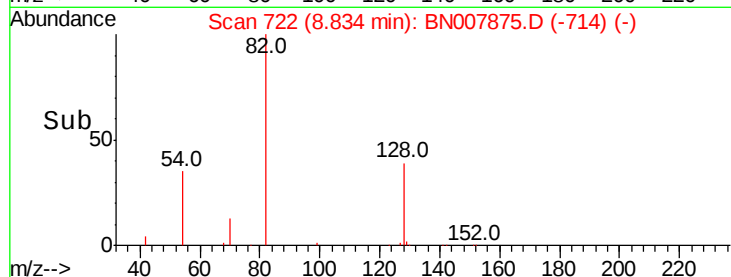
2000

1000

0

8.75 8.80 8.85 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.171 ng

RT: 12.05 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BN007875.D

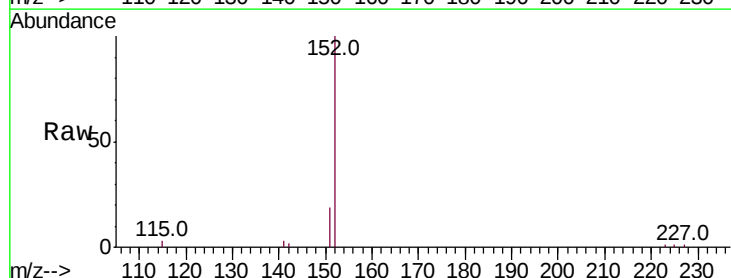
Acq: 26 Sep 2019 05:06

Tgt Ion: 152 Resp: 10731

Ion Ratio Lower Upper

152 100

151 19.0 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) (-)

12.05

6000

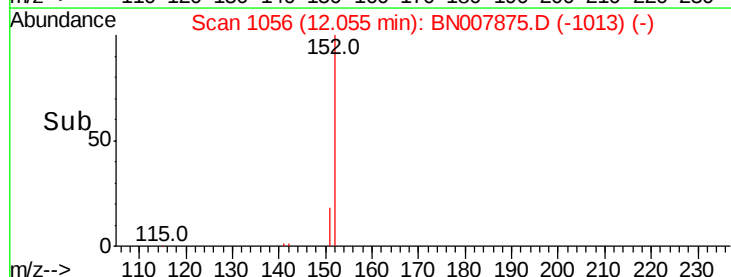
4000

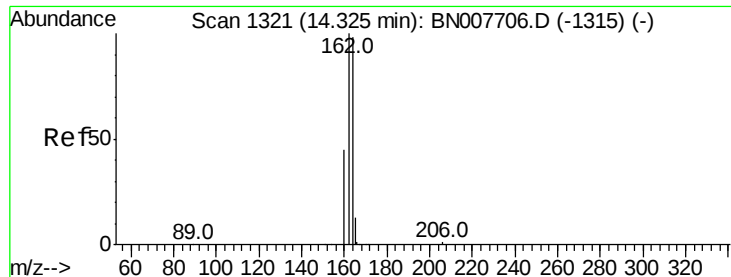
2000

0

12.00 12.10 12.20

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

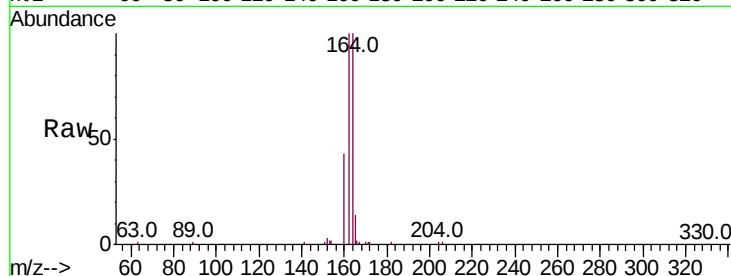
Tot Ion:164 Resp: 21903

Ion Ratio Lower Upper

164 100

162 99.5 81.7 122.5

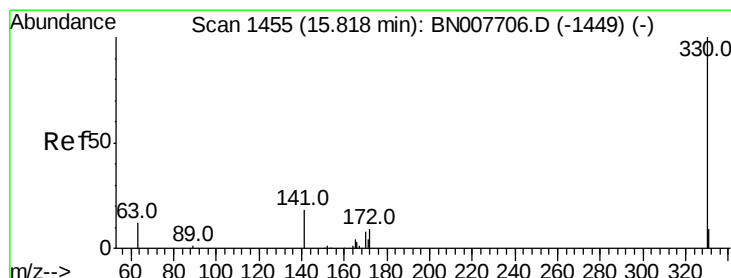
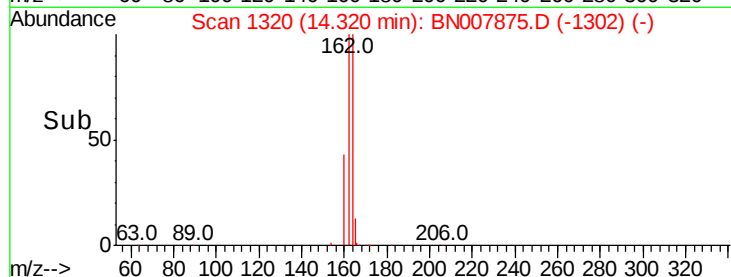
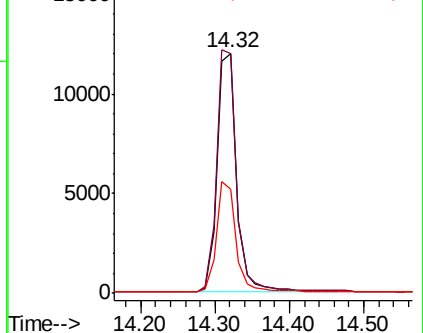
160 43.5 37.0 55.4



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: 0.129 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

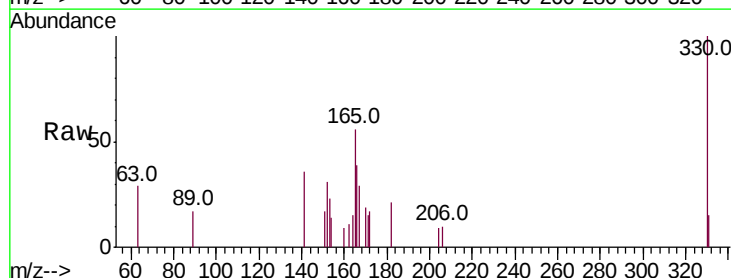
Tgt Ion:330 Resp: 1539

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

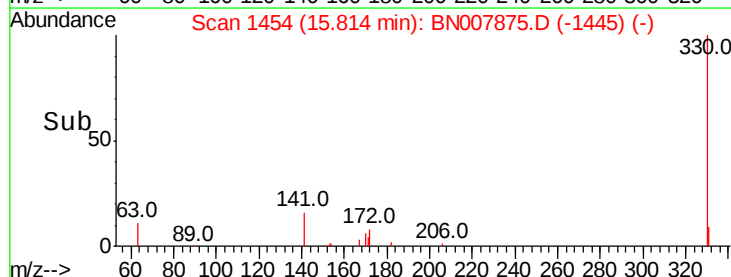
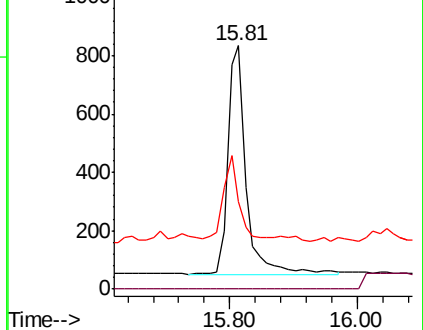
141 29.7 28.7 43.1



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

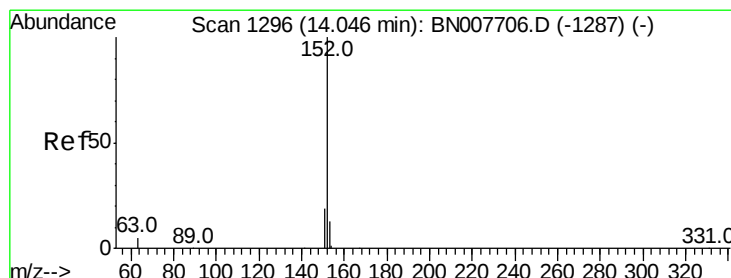
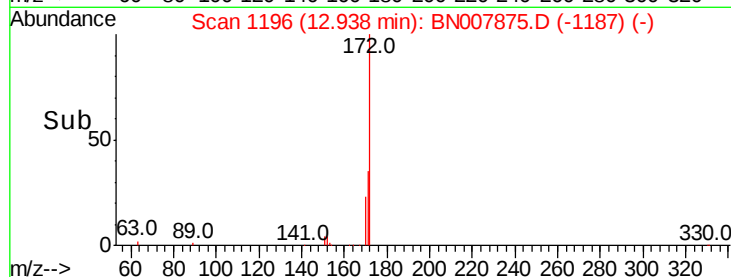
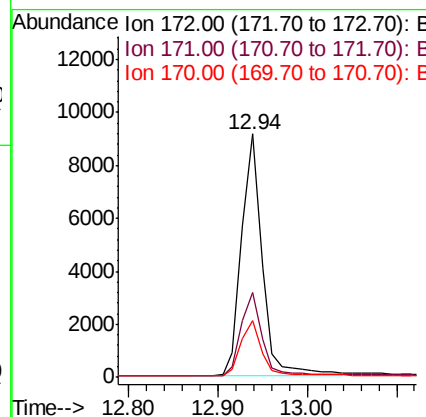
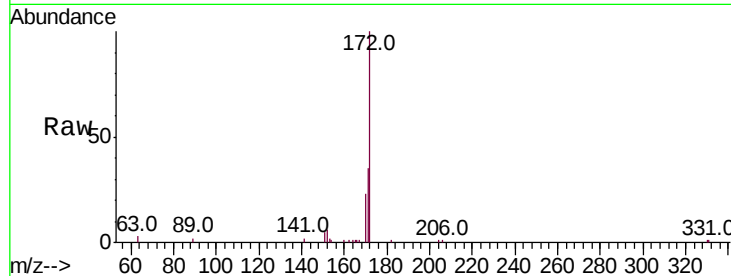




#15
2-Fluorobiphenyl
Concen: 0.164 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007875.D
Acq: 26 Sep 2019 05:06

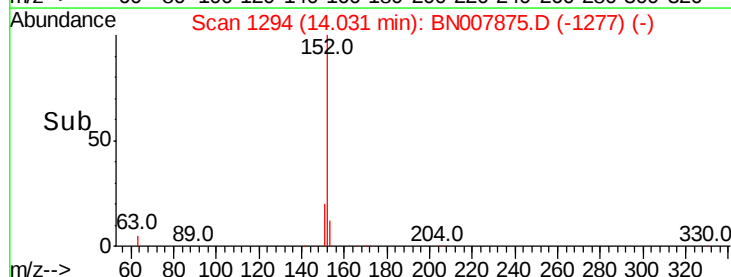
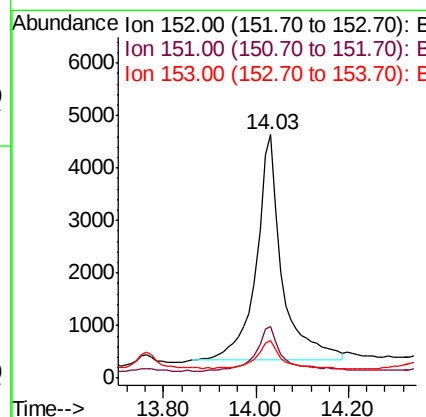
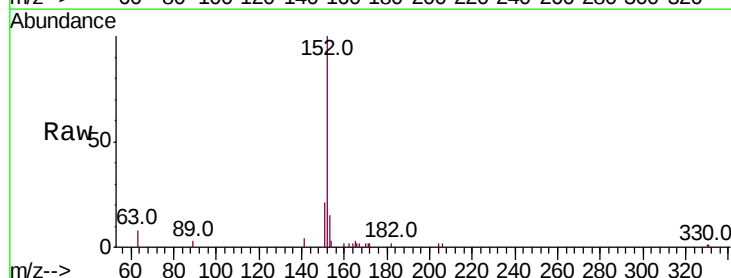
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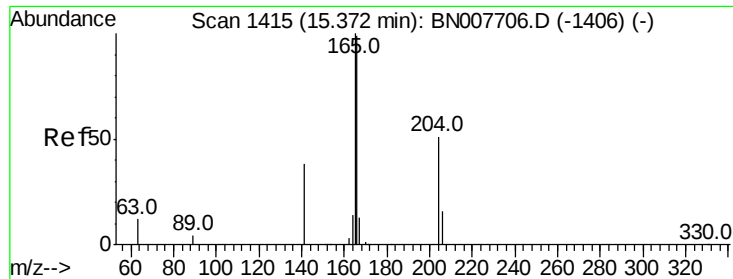
Tot Ion:172 Resp: 14821
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.1 19.5 29.3



#16
Acenaphthylene
Concen: 0.142 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007875.D
Acq: 26 Sep 2019 05:06

Tgt Ion:152 Resp: 16489
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 11.6 10.4 15.6





#18

Fluorene

Concen: 0.029 ng

RT: 15.38 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

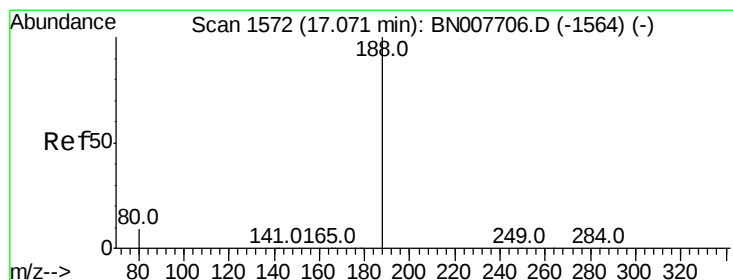
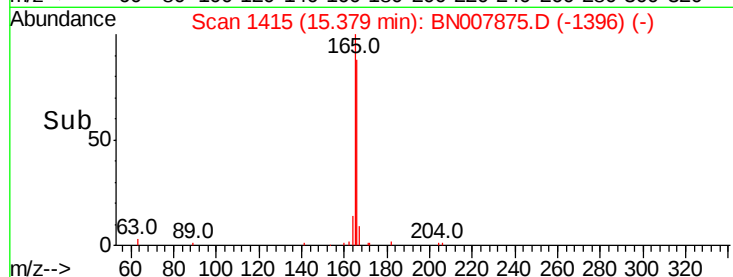
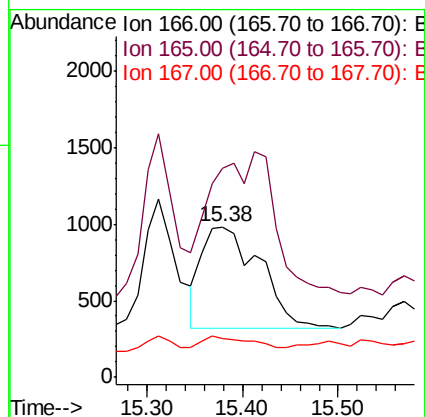
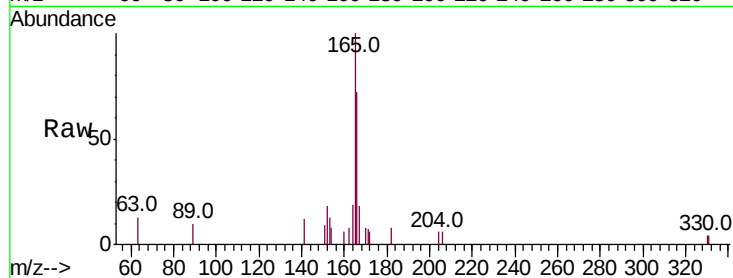
Tot Ion:166 Resp: 2801

Ion Ratio Lower Upper

166 100

165 0.0 78.0 117.0#

167 10.1 10.9 16.3#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

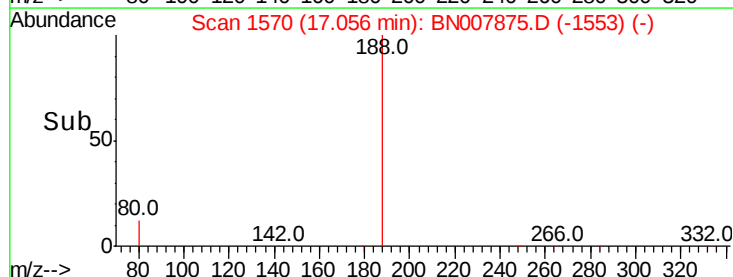
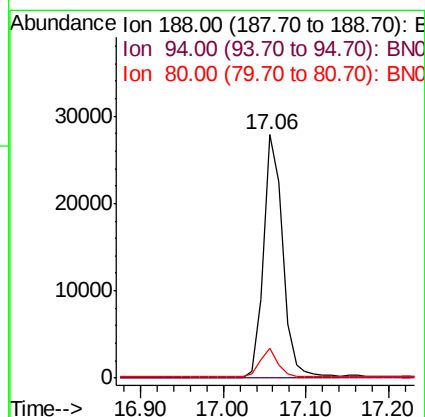
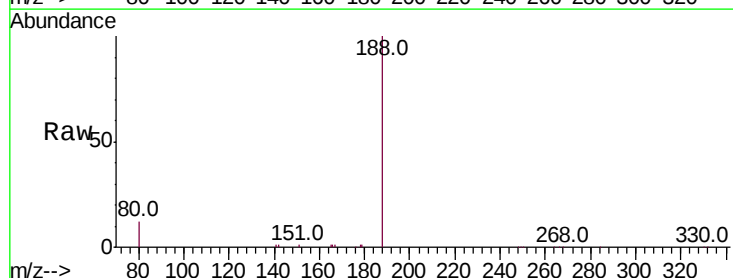
Tgt Ion:188 Resp: 44105

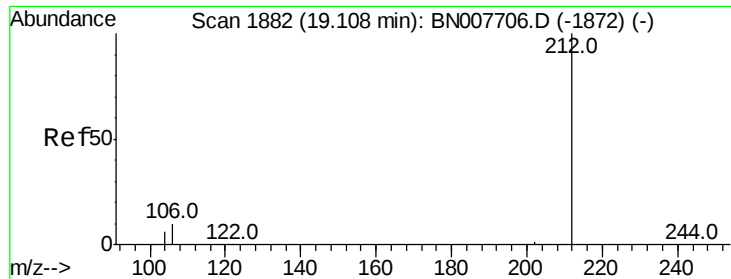
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 7.4 11.2#





#25

Fluoranthene-d10

Concen: 0.180 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

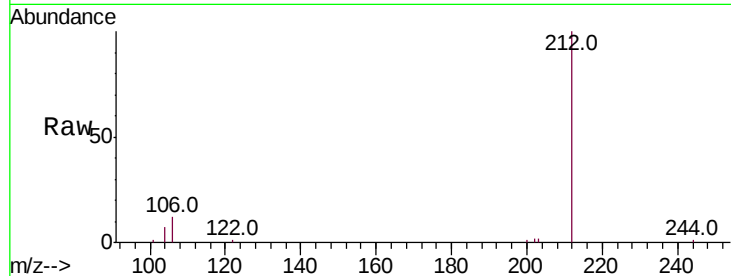
Tot Ion:212 Resp: 26826

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.0

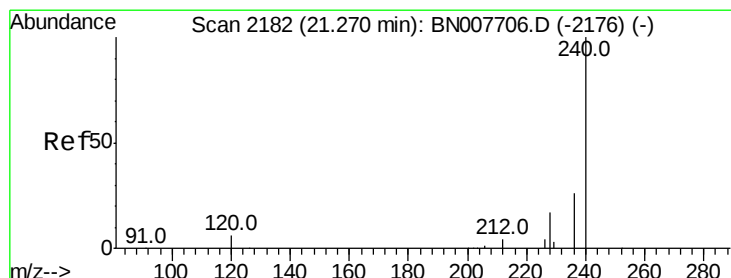
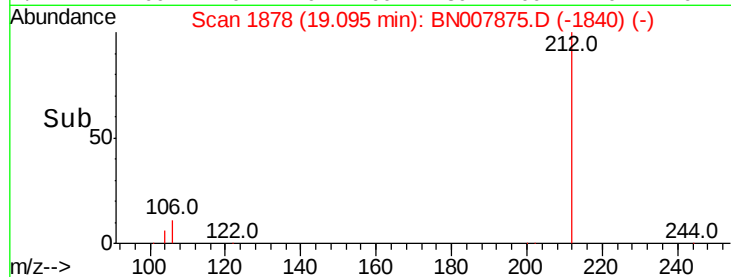
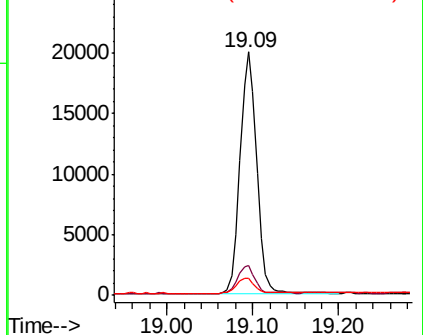
104 6.8 5.3 7.9



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: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

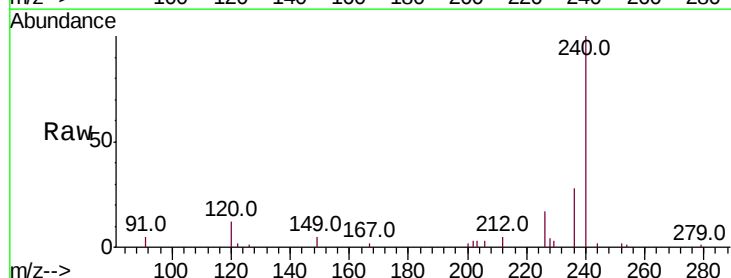
Tgt Ion:240 Resp: 46692

Ion Ratio Lower Upper

240 100

120 11.6 5.4 8.2#

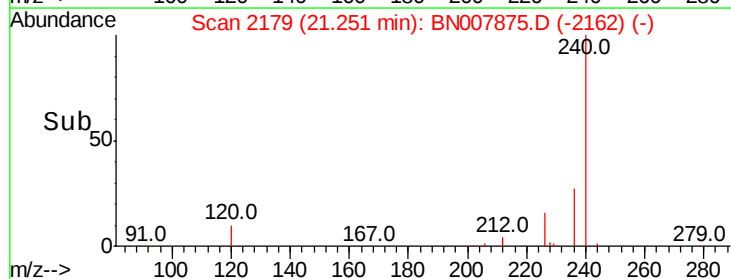
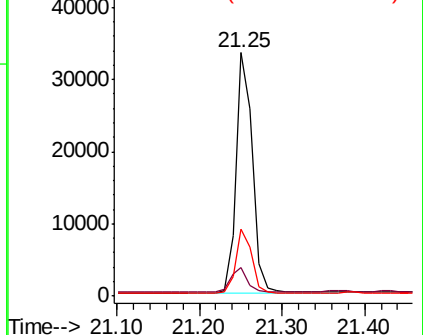
236 27.6 21.0 31.4

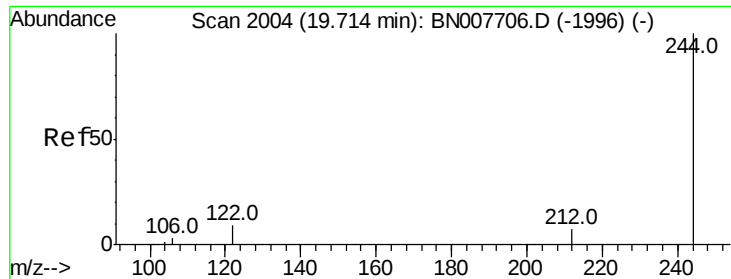


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.202 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

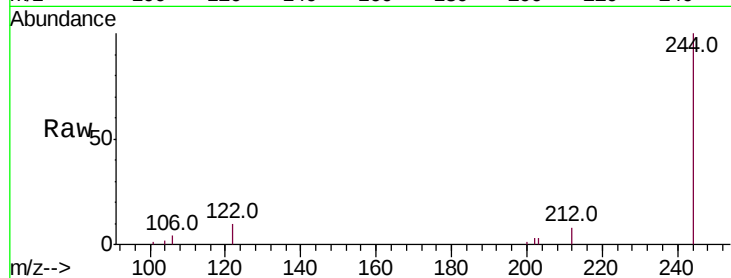
Tot Ion:244 Resp: 23159

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

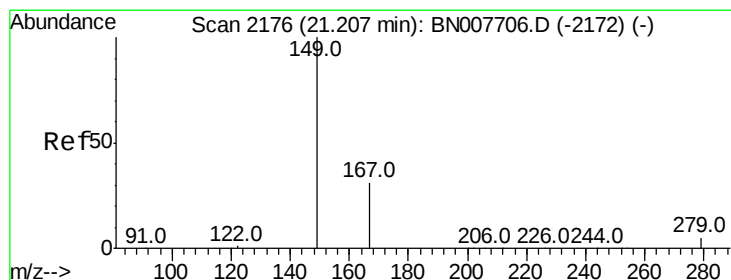
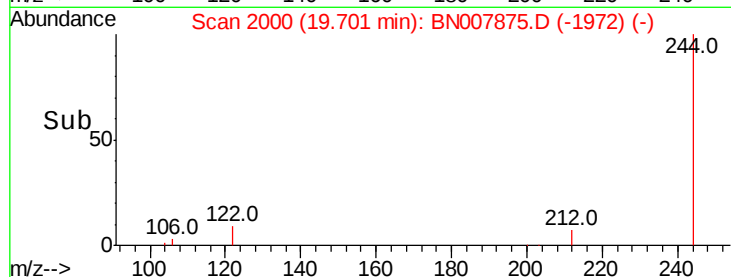
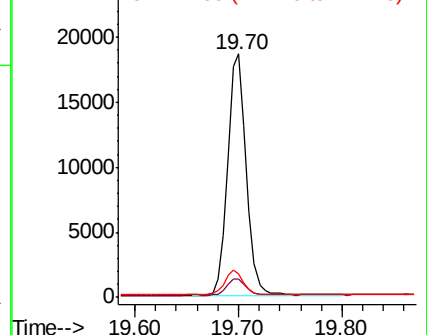
122 9.6 7.4 11.2



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: 0.028 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

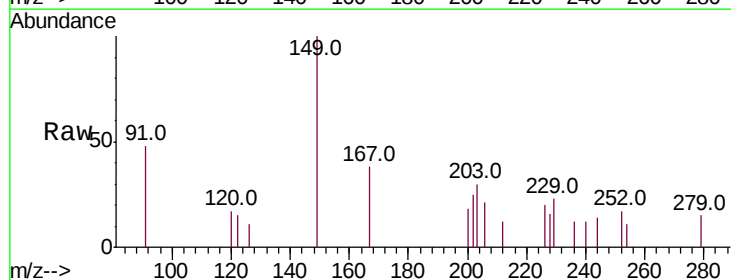
Tgt Ion:149 Resp: 2485

Ion Ratio Lower Upper

149 100

167 35.8 23.7 35.5#

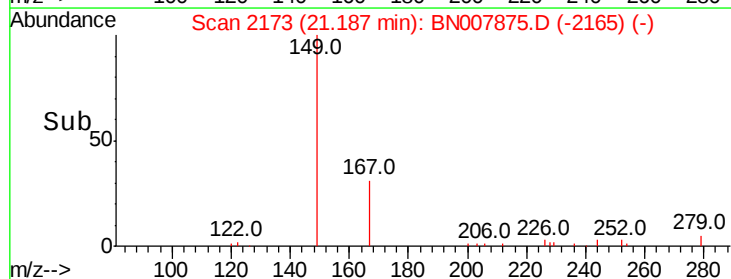
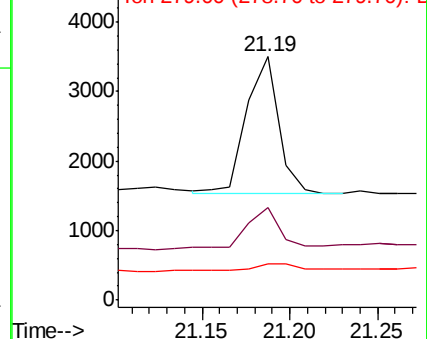
279 9.9 4.2 6.2#

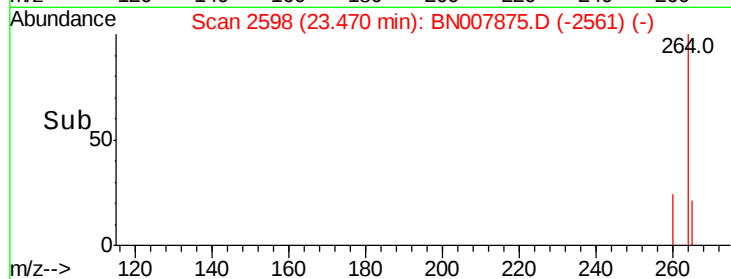
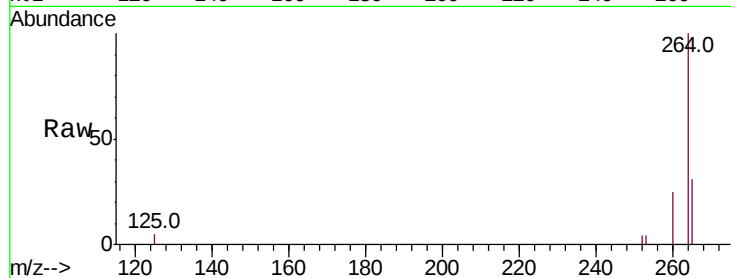
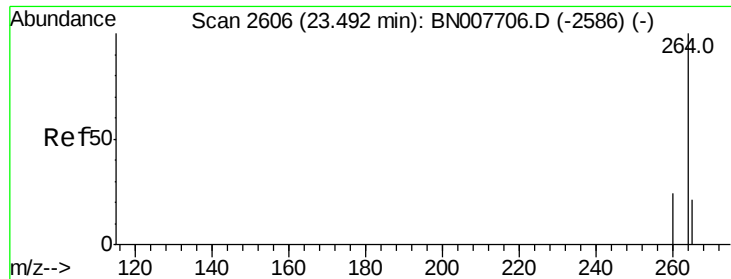


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.47 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN007875.D

Acq: 26 Sep 2019 05:06

Instrument :

BNA_N

ClientSampleId :

RE120D2-20190917DL

Tot Ion:264 Resp: 51670

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 31.1 26.9 40.3

