

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
 Data File : BN007878.D
 Acq On : 26 Sep 2019 06:53
 Operator : JU
 Sample : K4974-08DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20190916DL

Quant Time: Sep 26 07:47:32 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

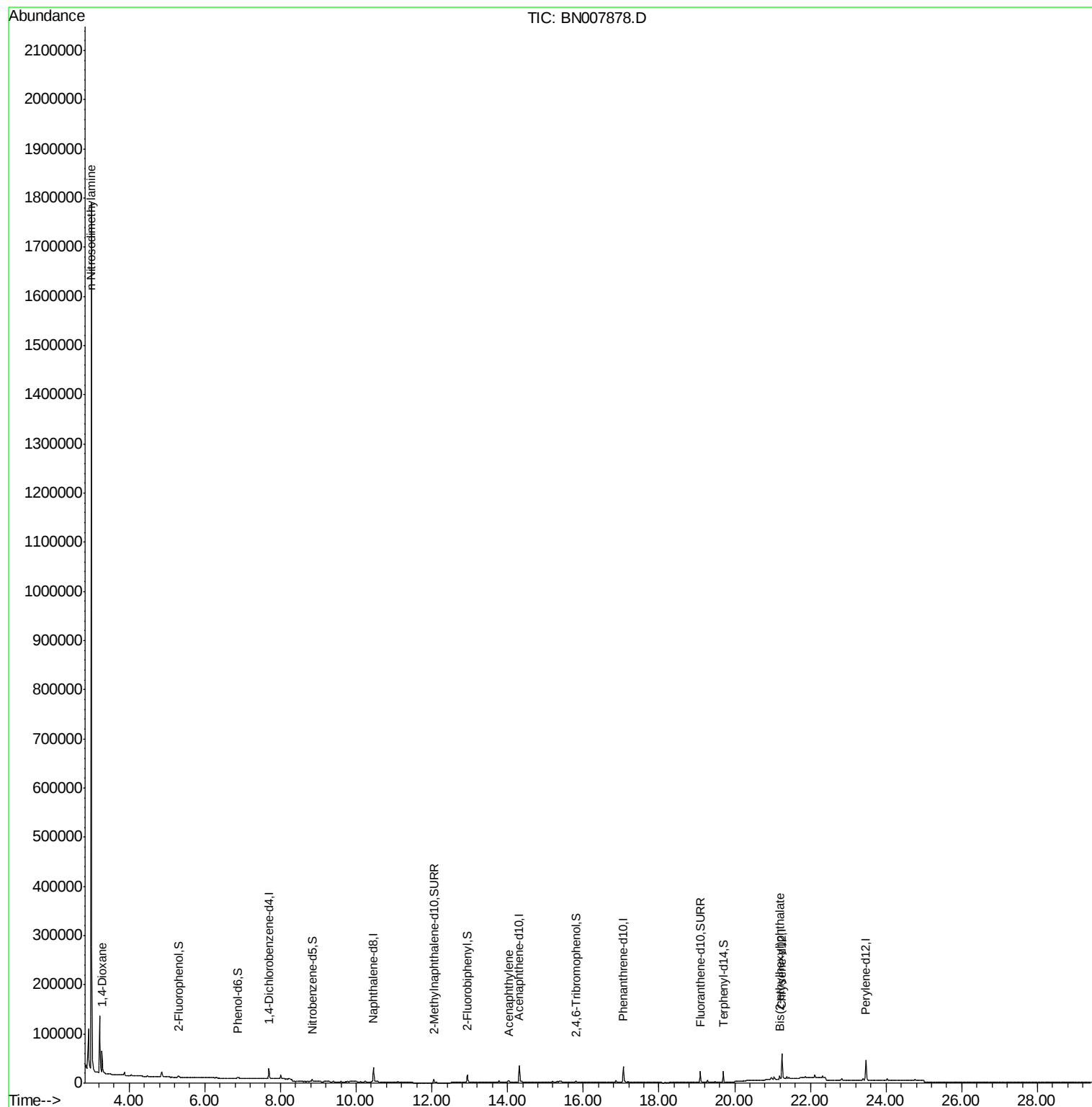
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	9865	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	38941	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	22648	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	45289	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	48346	0.40	ng	-0.02
34) Perylene-d12	23.47	264	53452	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	2107	0.06	ng	0.00
5) Phenol-d6	6.87	99	1637	0.03	ng	0.00
8) Nitrobenzene-d5	8.83	82	5340	0.16	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	10731	0.16	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	918	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	14566	0.16	ng	0.00
25) Fluoranthene-d10	19.10	212	25504	0.17	ng	-0.01
29) Terphenyl-d14	19.70	244	22058	0.19	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	34343	3.123	ng	93
3) n-Nitrosodimethylamine	3.00	42	129824	25.778	ng	# 66
16) Acenaphthylene	14.03	152	9883	0.082	ng	95
32) Bis(2-ethylhexyl)phthalate	21.19	149	5156	0.056	ng	97

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

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BNA_N

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RE134D3-20190916DL

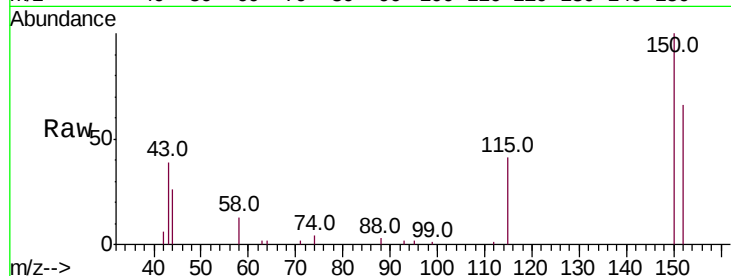
Tot Ion:152 Resp: 9865

Ion Ratio Lower Upper

152 100

150 152.2 125.6 188.4

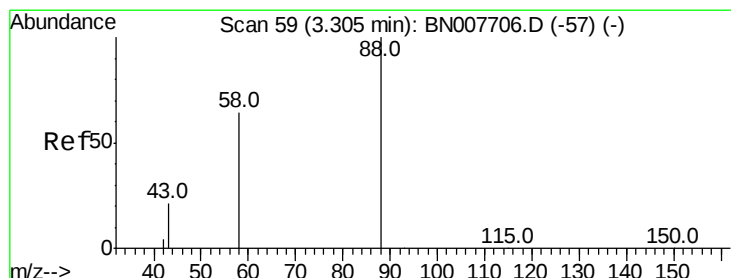
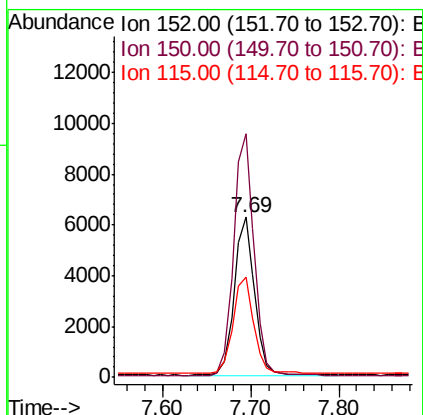
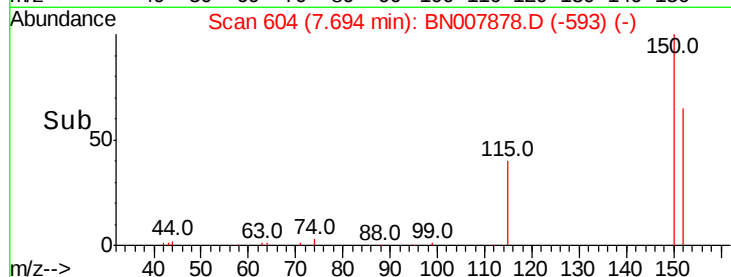
115 62.7 53.3 79.9



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: 3.123 ng

RT: 3.29 min Scan# 57

Delta R.T. -0.02 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

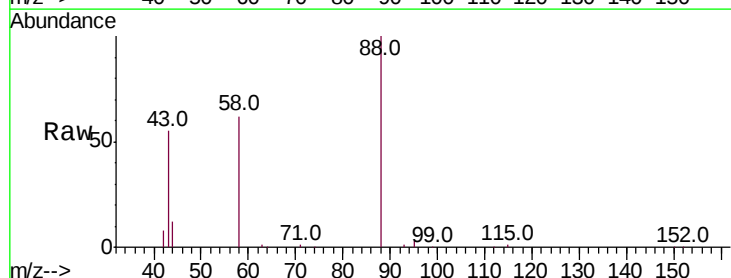
Tgt Ion: 88 Resp: 34343

Ion Ratio Lower Upper

88 100

58 60.7 44.6 66.8

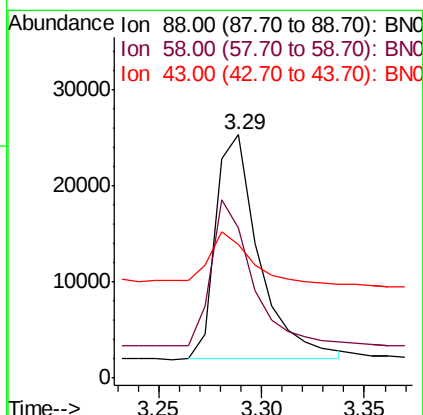
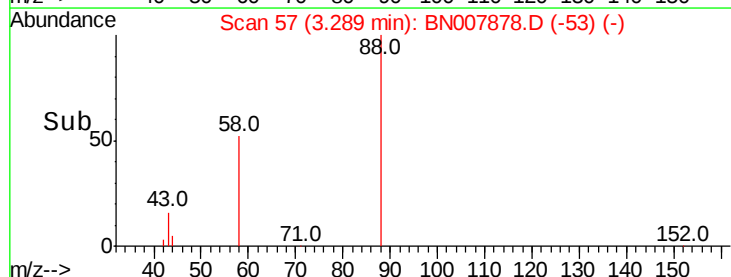
43 21.4 14.4 21.6



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: 25.778 ng

RT: 3.00 min Scan# 21

Delta R.T. -0.01 min

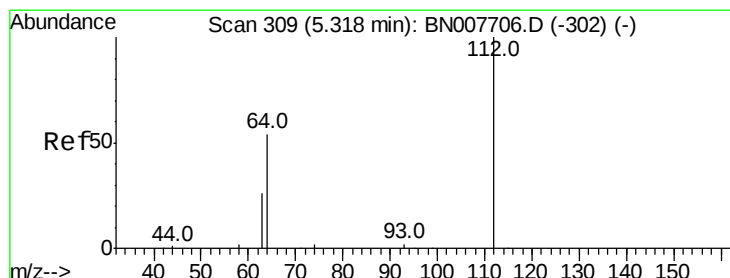
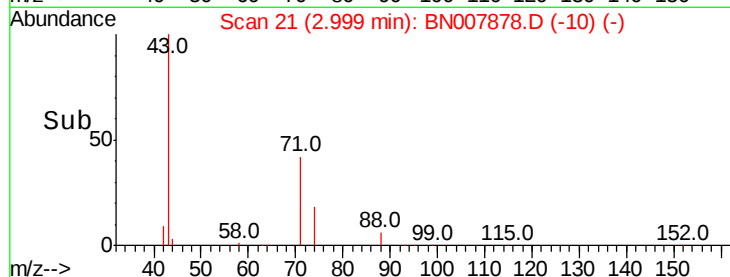
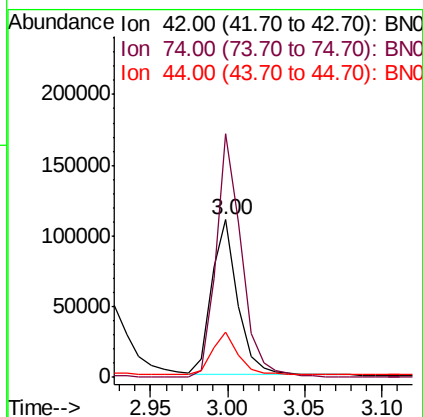
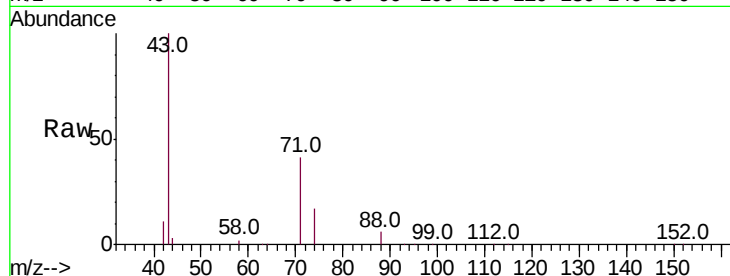
Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :
BNA_N
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Tot Ion: 42 Resp: 129824

Ion	Ratio	Lower	Upper
42	100		
74	151.6	87.9	131.9#
44	27.0	29.4	44.0#



#4

2-Fluorophenol

Concen: 0.062 ng

RT: 5.31 min Scan# 308

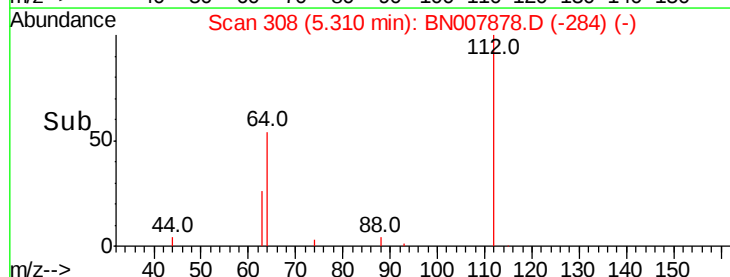
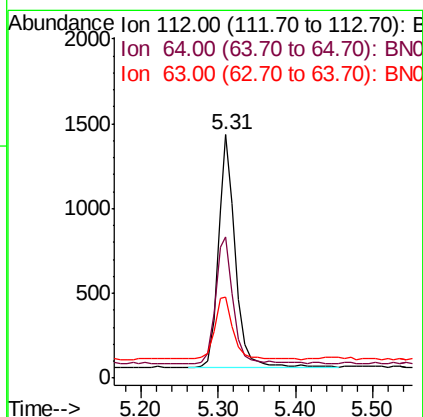
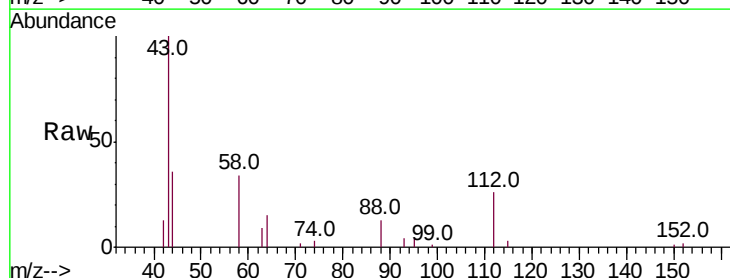
Delta R.T. -0.01 min

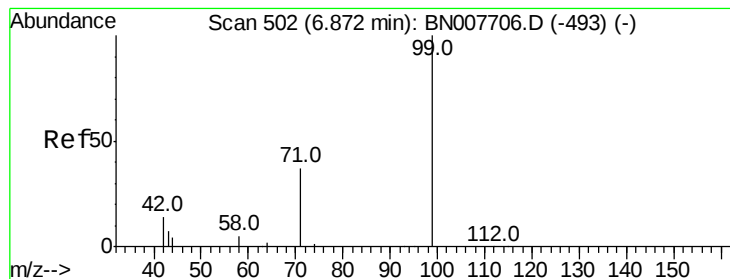
Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Tgt Ion: 112 Resp: 2107

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	70.0
63	29.9	23.1	34.7





#5

Phenol-d6

Concen: 0.033 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

RE134D3-20190916DL

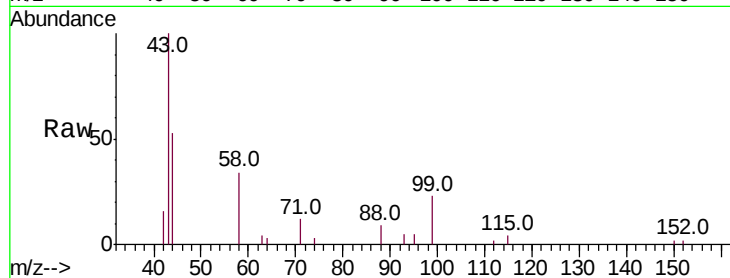
Tot Ion: 99 Resp: 1637

Ion Ratio Lower Upper

99 100

42 27.7 12.8 19.2#

71 42.6 27.6 41.4#

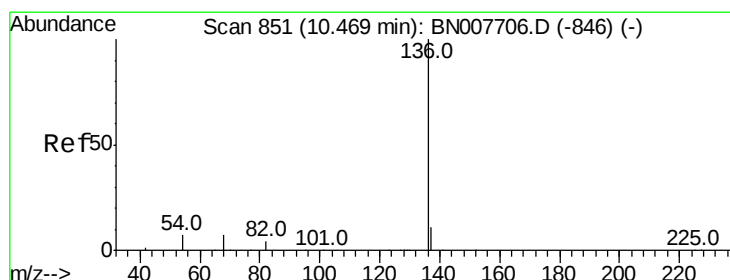
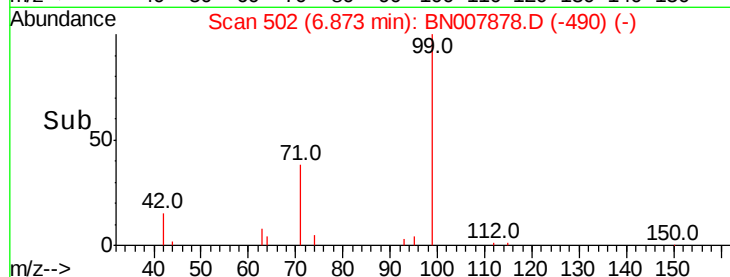


Abundance Ion 99.00 (98.70 to 99.70): BN007706.D (-493) (-)

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: BN007878.D

Acq: 26 Sep 2019 06:53

Tgt Ion: 136 Resp: 38941

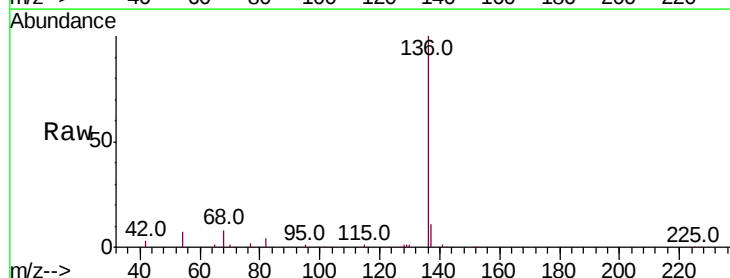
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.2 5.8 8.8

68 7.6 6.5 9.7



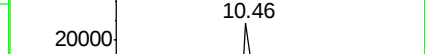
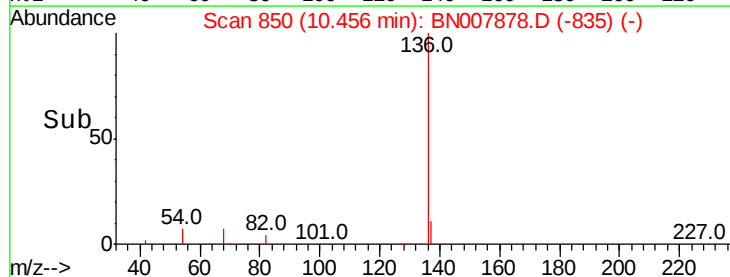
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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: 0.157 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

RE134D3-20190916DL

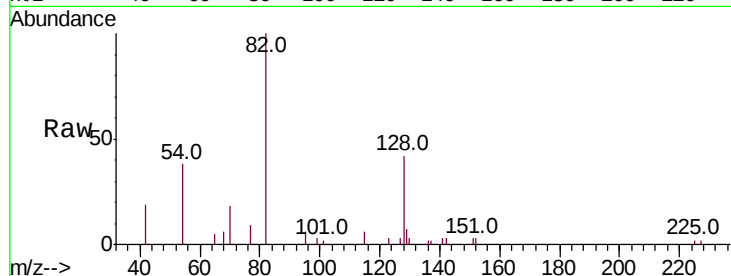
Tot Ion: 82 Resp: 5340

Ion Ratio Lower Upper

82 100

128 42.0 24.5 36.7#

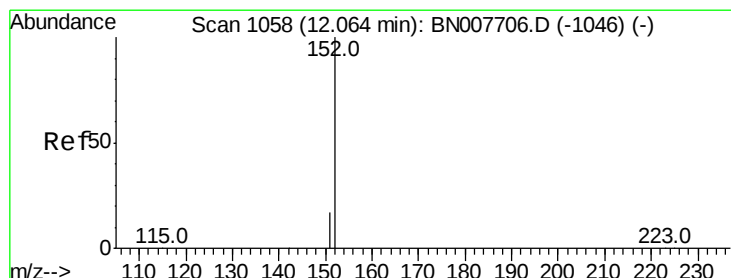
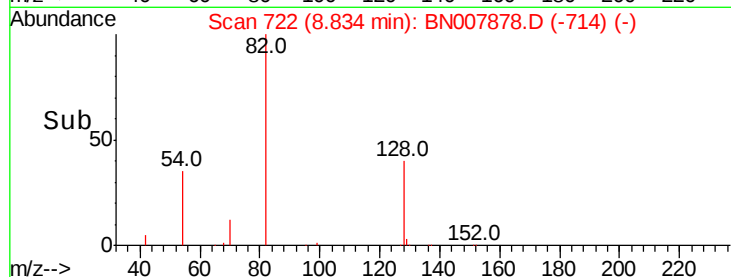
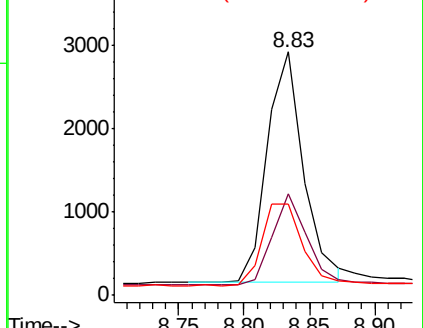
54 37.7 35.2 52.8



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: 0.164 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN007878.D

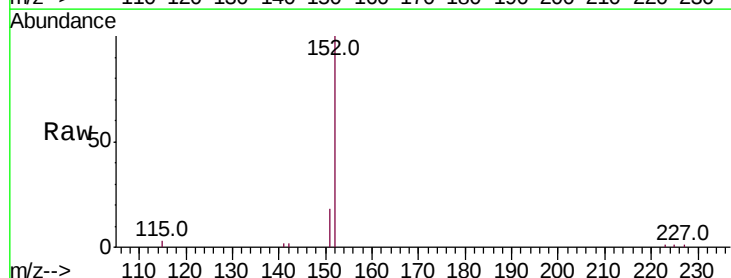
Acq: 26 Sep 2019 06:53

Tgt Ion: 152 Resp: 10731

Ion Ratio Lower Upper

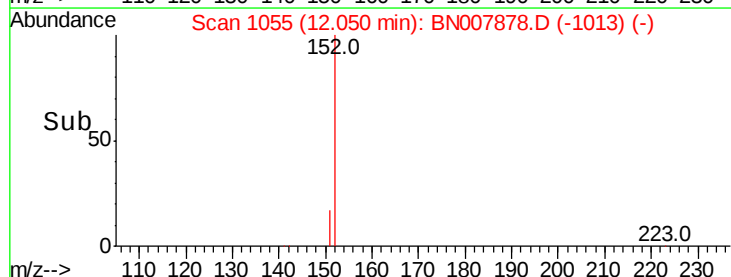
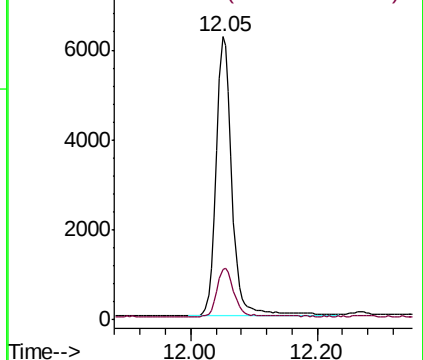
152 100

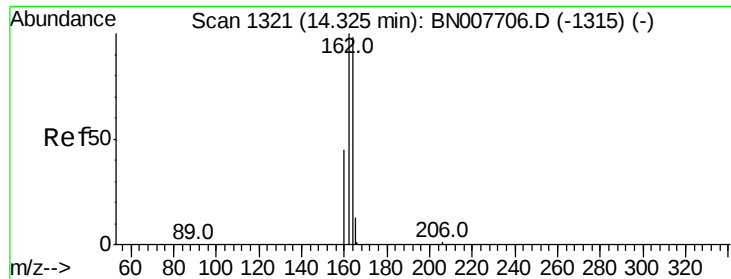
151 18.4 15.4 23.2



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: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

RE134D3-20190916DL

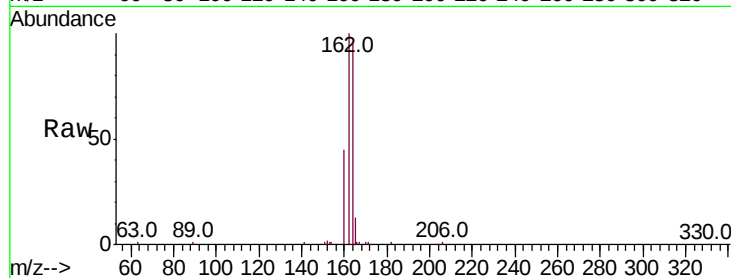
Tot Ion:164 Resp: 22648

Ion Ratio Lower Upper

164 100

162 104.9 81.7 122.5

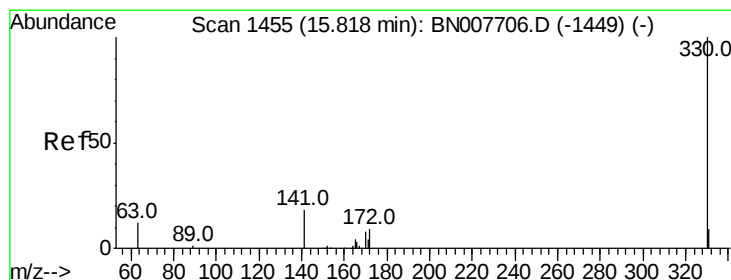
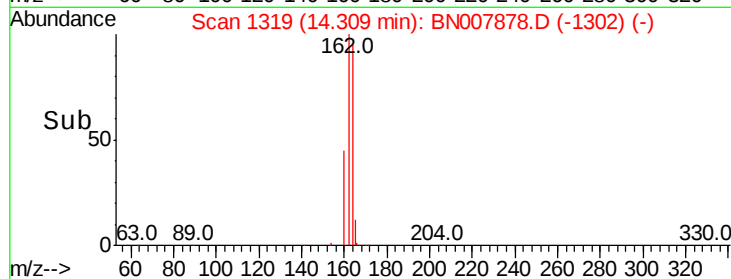
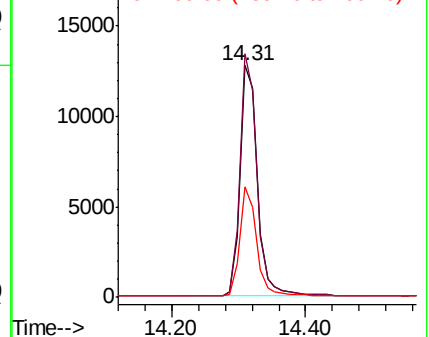
160 47.7 37.0 55.4



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: 0.074 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

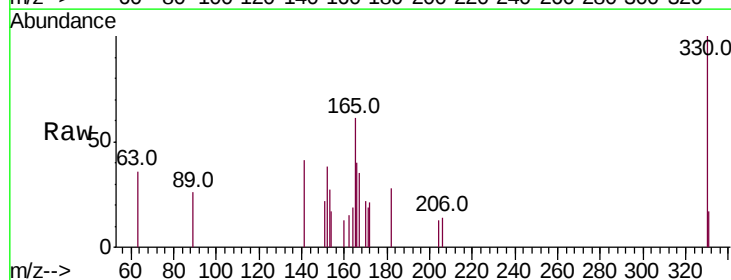
Tgt Ion:330 Resp: 918

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

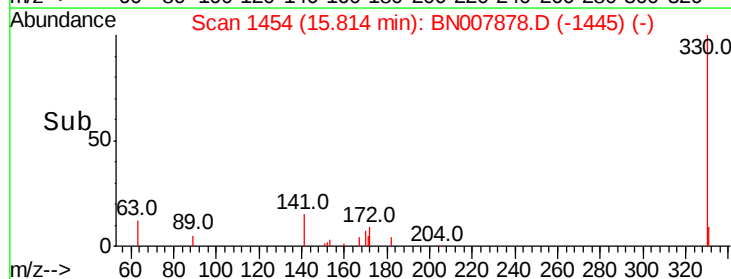
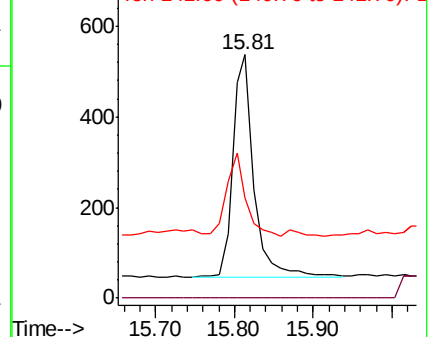
141 34.4 28.7 43.1



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

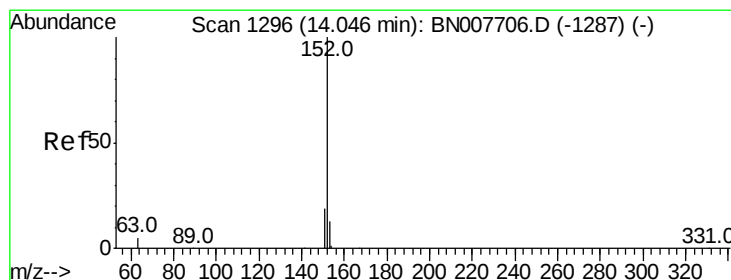
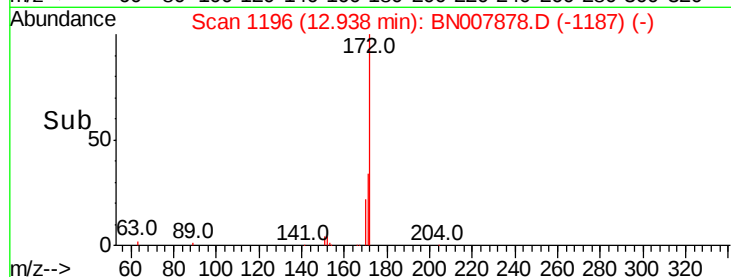
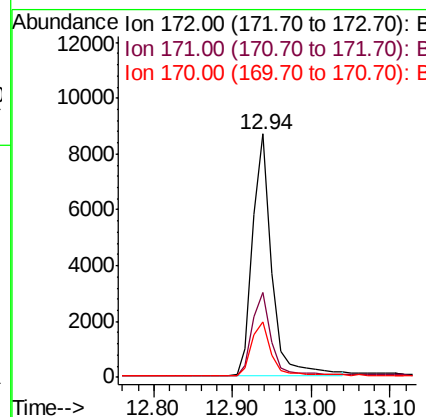
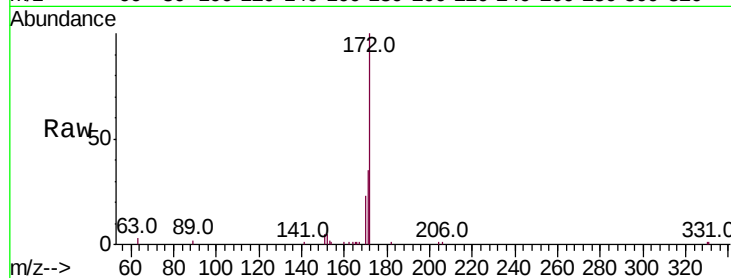




#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 12.94 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BN007878.D
Acq: 26 Sep 2019 06:53

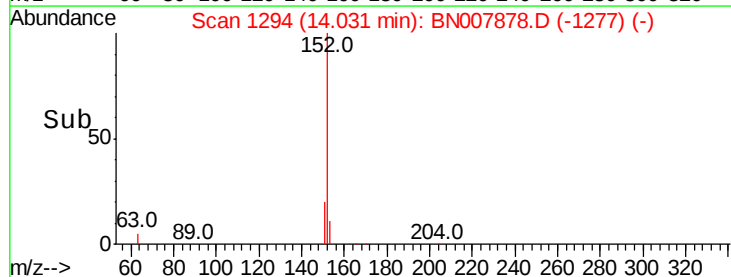
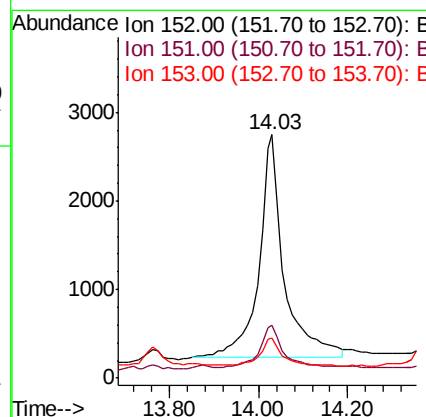
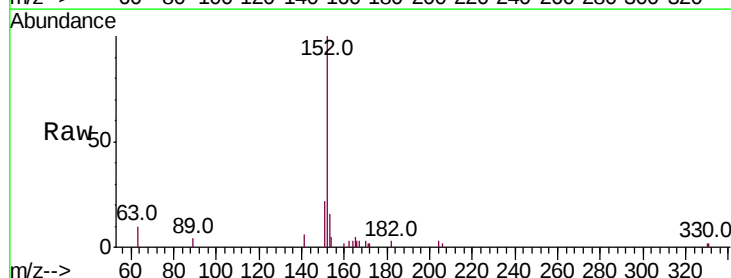
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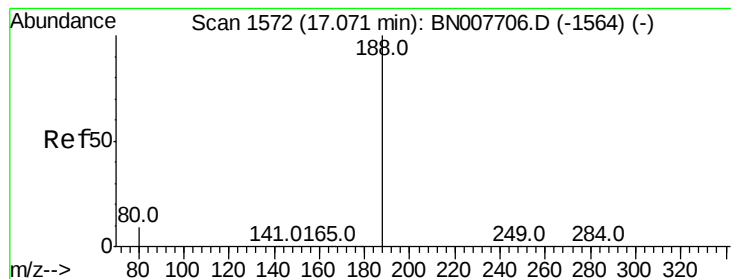
Tot Ion:172 Resp: 14566
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 22.6 19.5 29.3



#16
Acenaphthylene
Concen: 0.082 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007878.D
Acq: 26 Sep 2019 06:53

Tgt Ion:152 Resp: 9883
Ion Ratio Lower Upper
152 100
151 17.6 15.5 23.3
153 10.9 10.4 15.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

RE134D3-20190916DL

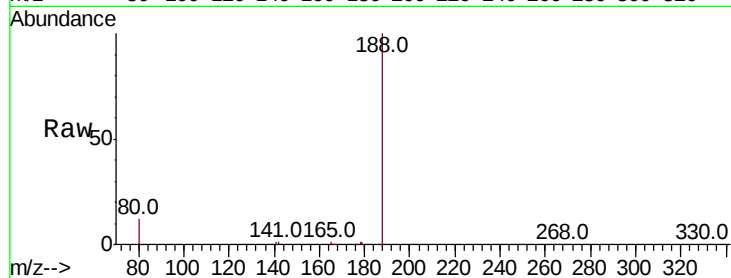
Tot Ion:188 Resp: 45289

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

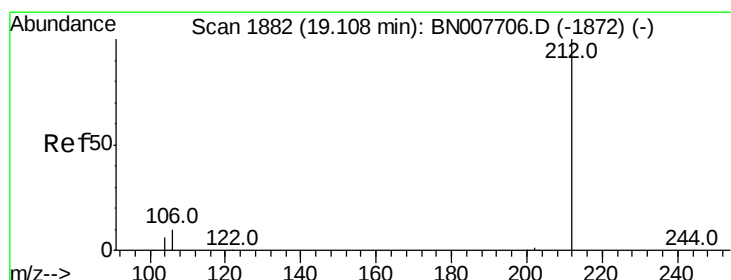
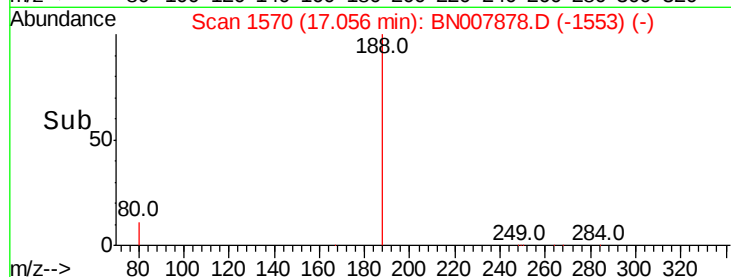
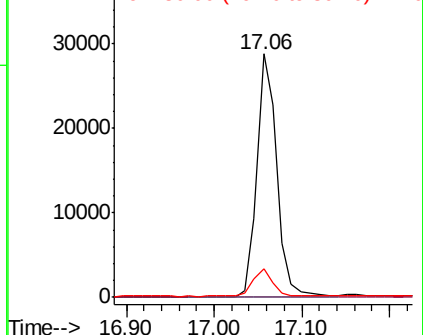
80 11.9 7.4 11.2#



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: 0.167 ng

RT: 19.10 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

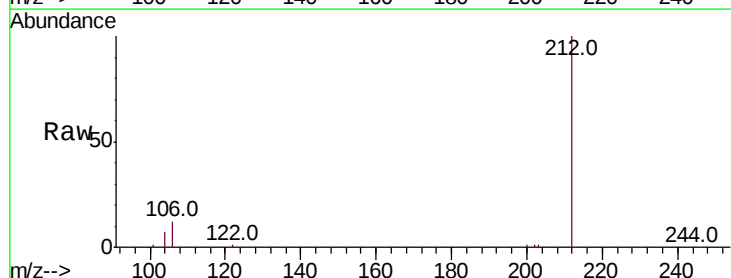
Tgt Ion:212 Resp: 25504

Ion Ratio Lower Upper

212 100

106 11.4 9.4 14.0

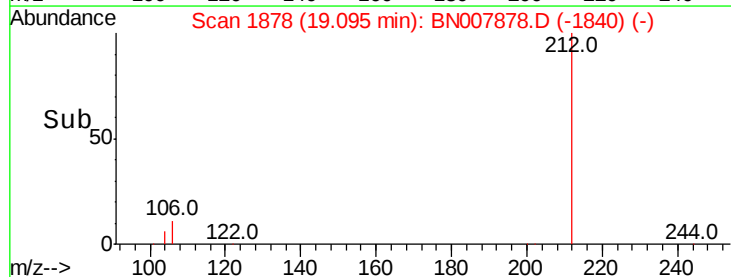
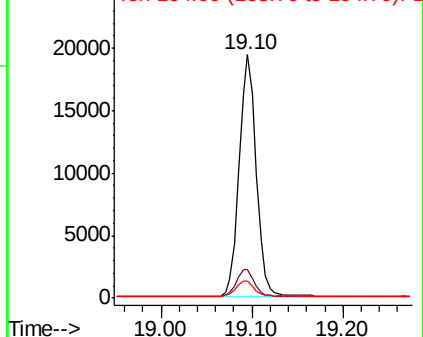
104 6.6 5.3 7.9

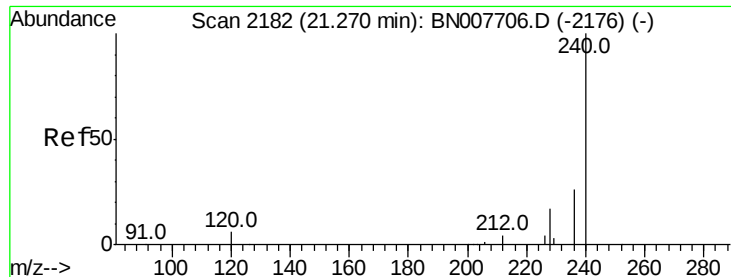


Abundance Ion 212.00 (211.70 to 212.70): E

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: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

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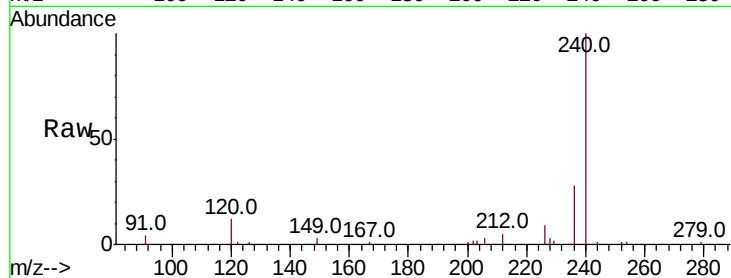
Tot Ion:240 Resp: 48346

Ion Ratio Lower Upper

240 100

120 11.9 5.4 8.2#

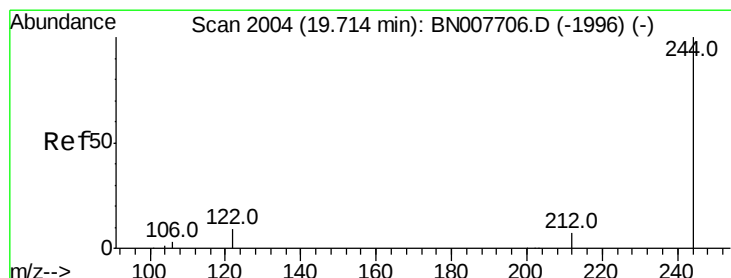
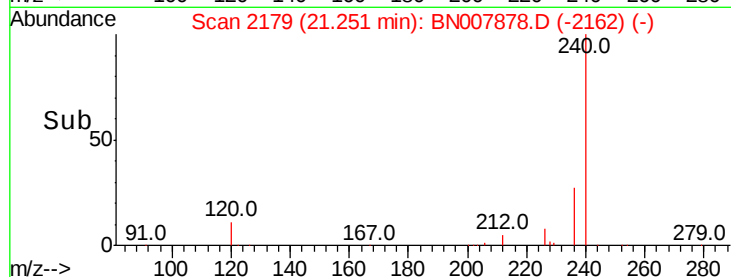
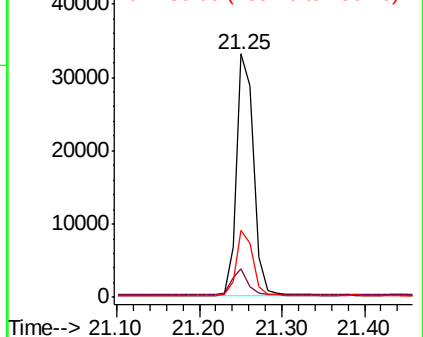
236 27.6 21.0 31.4



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: 0.186 ng

RT: 19.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

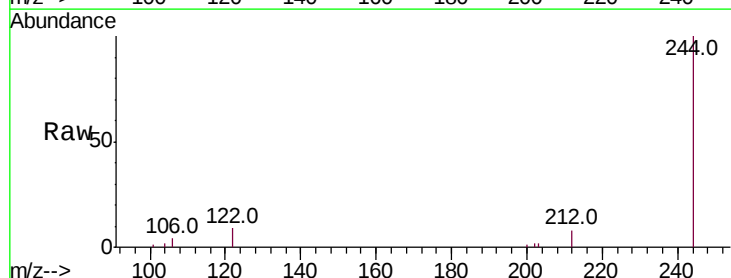
Tgt Ion:244 Resp: 22058

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

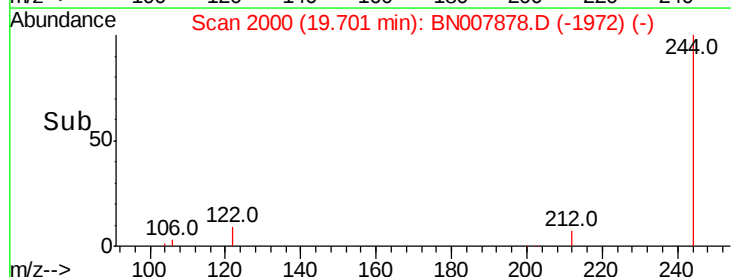
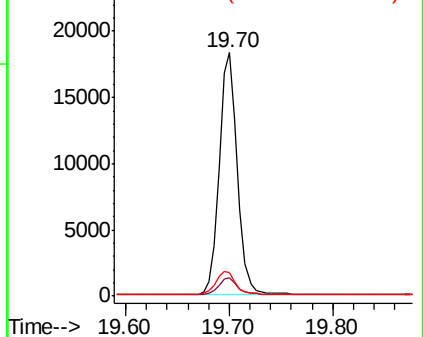
122 9.4 7.4 11.2

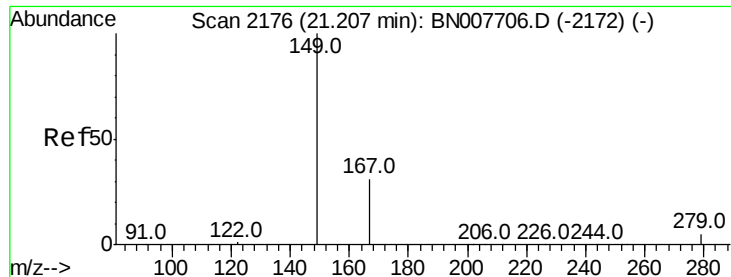


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.056 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

Instrument :

BNA_N

ClientSampleId :

RE134D3-20190916DL

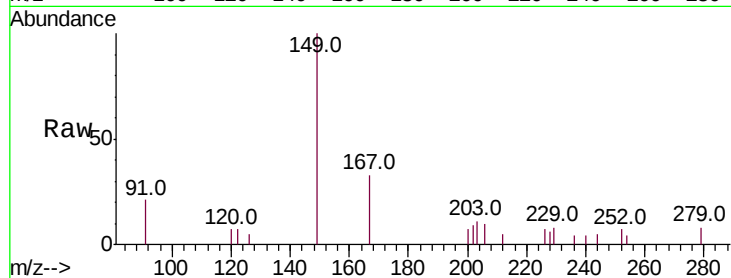
Tot Ion:149 Resp: 5156

Ion Ratio Lower Upper

149 100

167 31.4 23.7 35.5

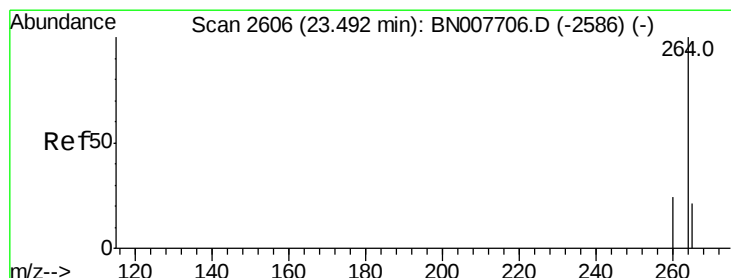
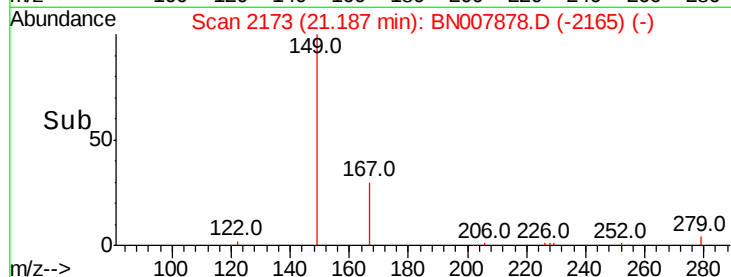
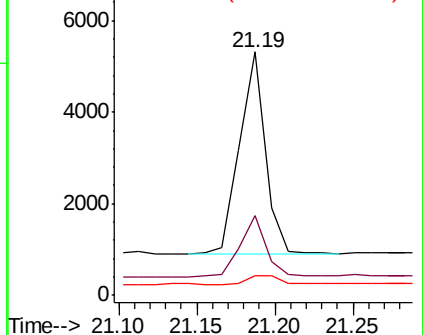
279 5.7 4.2 6.2



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: 23.47 min Scan# 2598

Delta R.T. -0.02 min

Lab File: BN007878.D

Acq: 26 Sep 2019 06:53

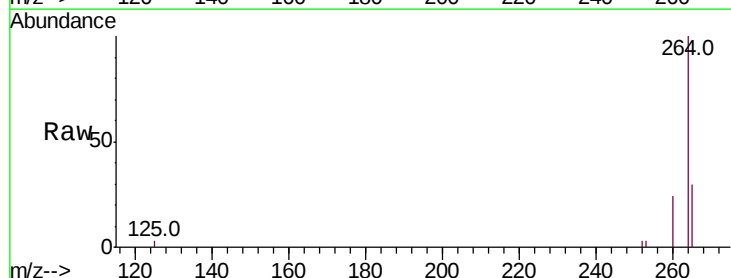
Tgt Ion:264 Resp: 53452

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 29.8 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

