

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
 Data File : BN007426.D
 Acq On : 27 Aug 2019 00:59
 Operator : HP/JU
 Sample : PB122534BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122534BL

Quant Time: Aug 27 05:48:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3016	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	12238	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	7415	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	15970	0.40	ng	0.00
27) Chrysene-d12	21.02	240	16987	0.40	ng	0.00
34) Perylene-d12	23.13	264	17757	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	4030	0.38	ng	0.00
5) Phenol-d6	6.60	99	5084	0.38	ng	0.00
8) Nitrobenzene-d5	8.53	82	3876	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	8354	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1497	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	10292	0.34	ng	0.00
25) Fluoranthene-d10	18.84	212	22589	0.44	ng	0.00
29) Terphenyl-d14	19.47	244	17769	0.40	ng	0.00

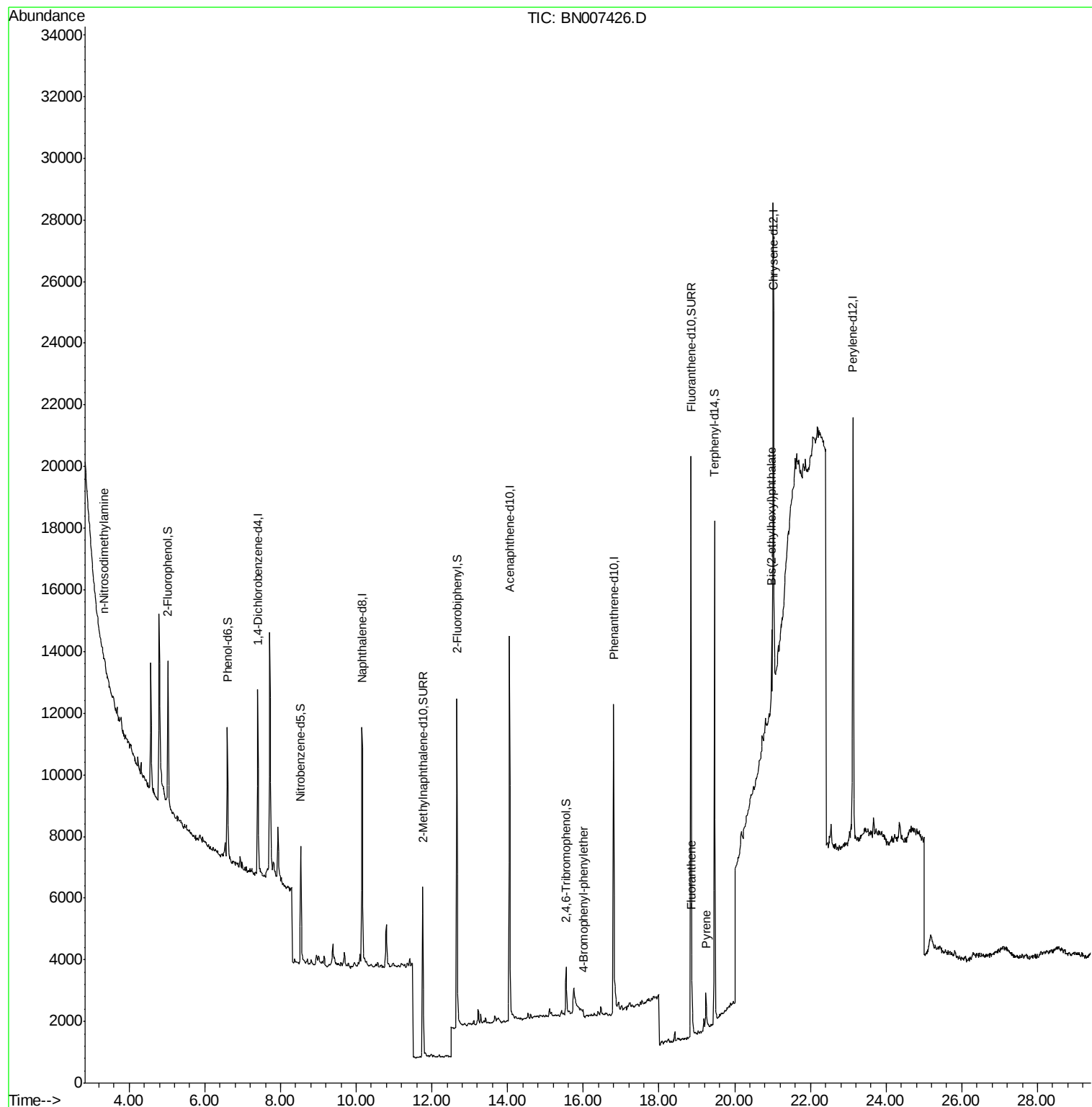
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.33	42	94	0.040	ng	# 1
20) 4-Bromophenyl-phenylether	16.01	248	152	0.024	ng	# 1
26) Fluoranthene	18.87	202	1584	0.026	ng	95
28) Pyrene	19.24	202	1494	0.022	ng	# 88
32) Bis(2-ethylhexyl)phthalate	20.97	149	2894	0.048	ng	# 95

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

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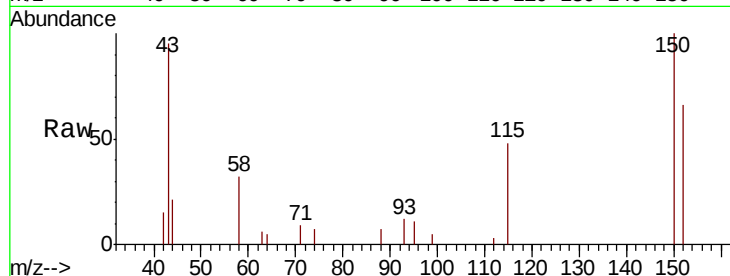


#1

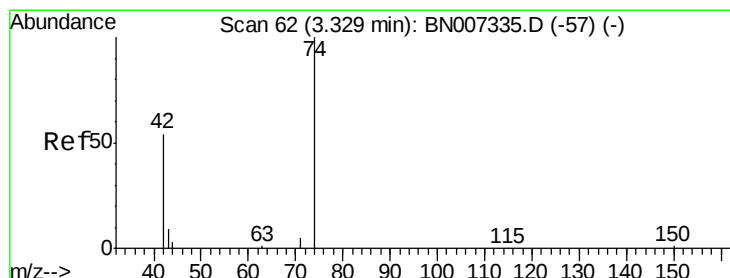
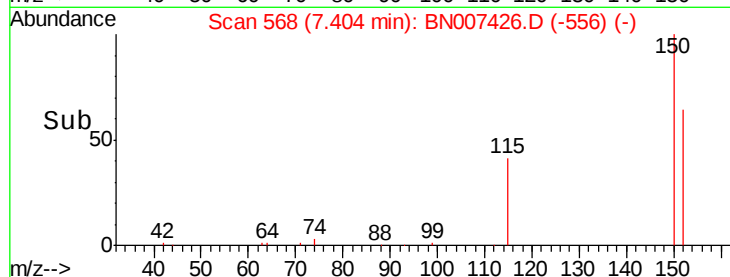
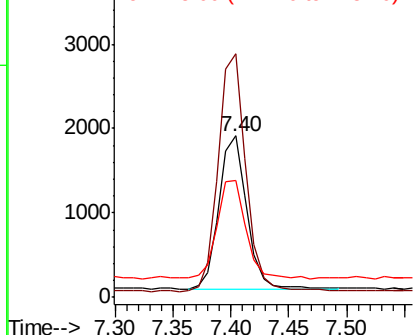
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007426.D
Acq: 27 Aug 2019 00:59

Instrument :
BNA_N
ClientSampleId :
PB122534BL

Tgt Ion:152 Resp: 3016
Ion Ratio Lower Upper
152 100
150 151.0 109.1 163.7
115 72.6 59.6 89.4



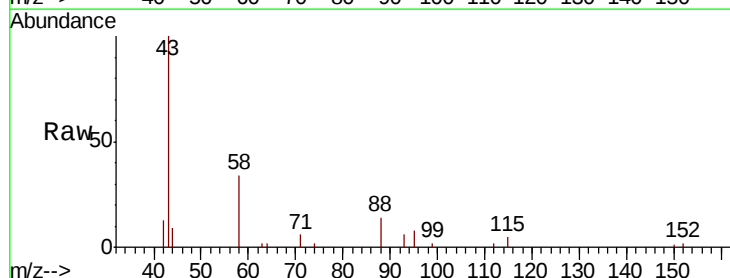
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



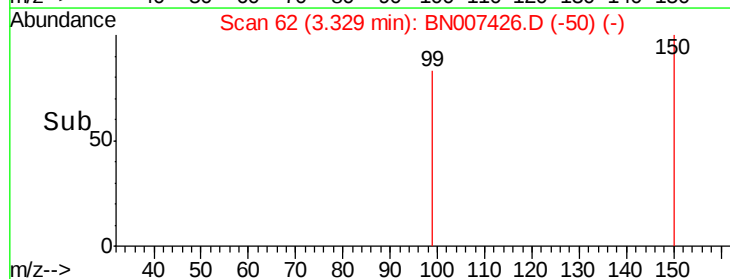
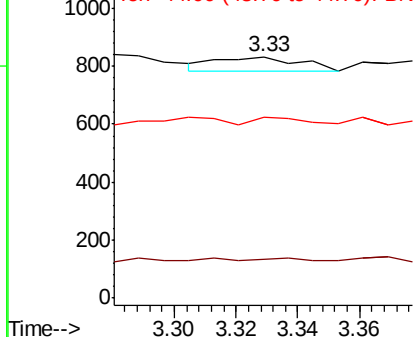
#3

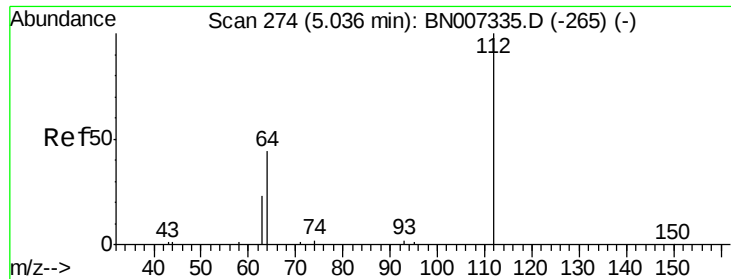
n-Nitrosodimethylamine
Concen: 0.040 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.00 min
Lab File: BN007426.D
Acq: 27 Aug 2019 00:59

Tgt Ion: 42 Resp: 94
Ion Ratio Lower Upper
42 100
74 0.0 144.7 217.1#
44 36.2 3.2 4.8#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.384 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

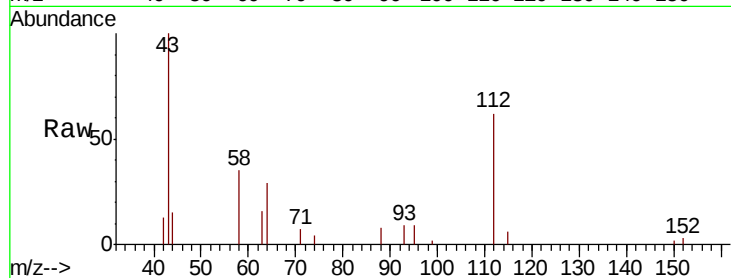
Tgt Ion: 112 Resp: 4030

Ion Ratio Lower Upper

112 100

64 52.0 42.3 63.5

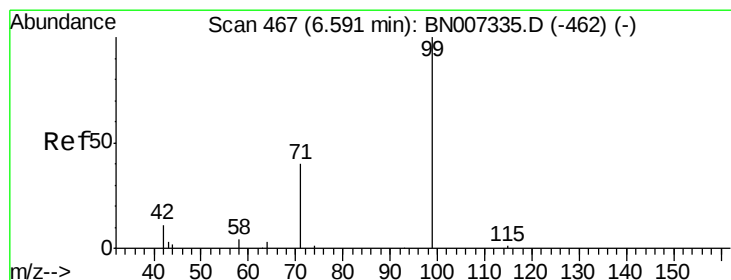
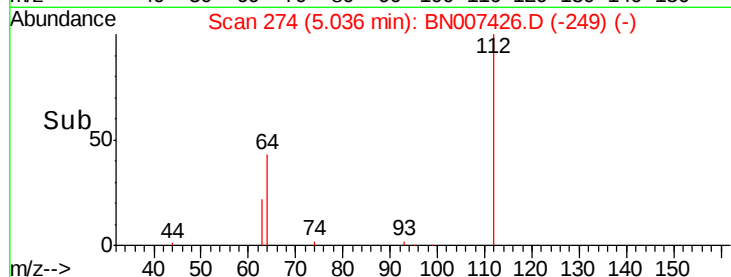
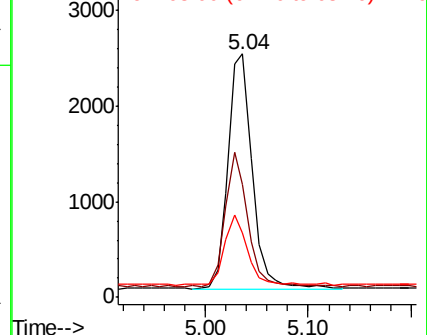
63 28.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.380 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

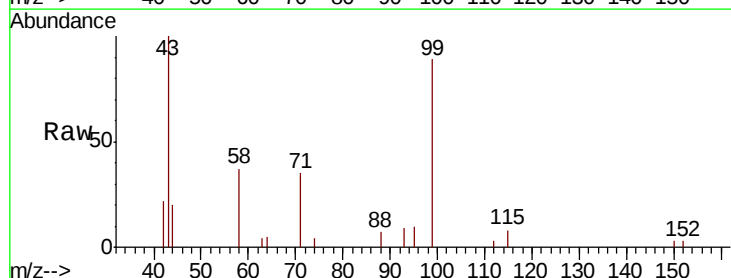
Tgt Ion: 99 Resp: 5084

Ion Ratio Lower Upper

99 100

42 13.1 11.2 16.8

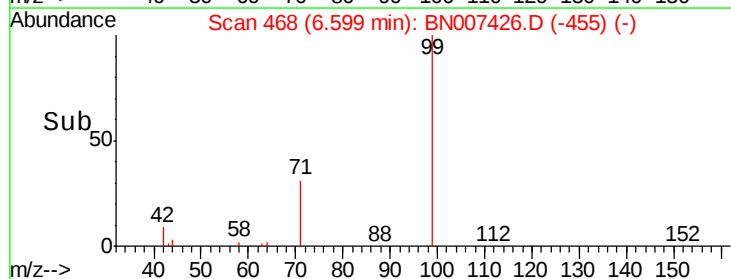
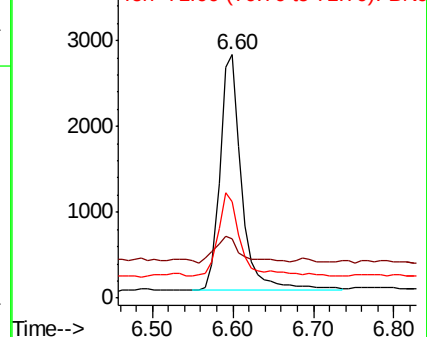
71 33.0 31.8 47.8

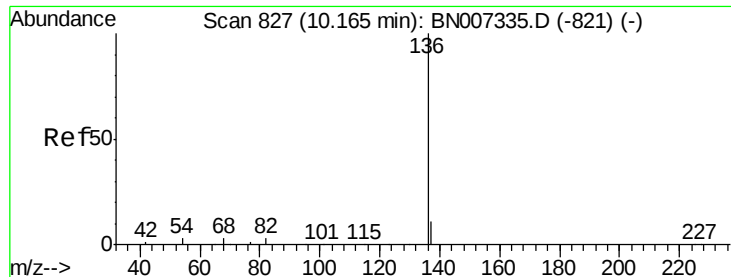


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

Tgt Ion:136 Resp: 12238

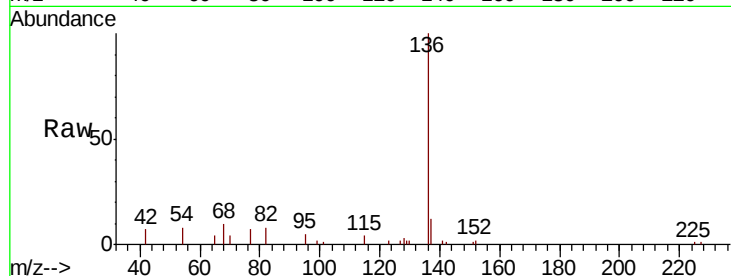
Ion Ratio Lower Upper

136 100

137 12.3 12.9 19.3#

54 7.5 8.6 12.8#

68 10.3 17.0 25.4#

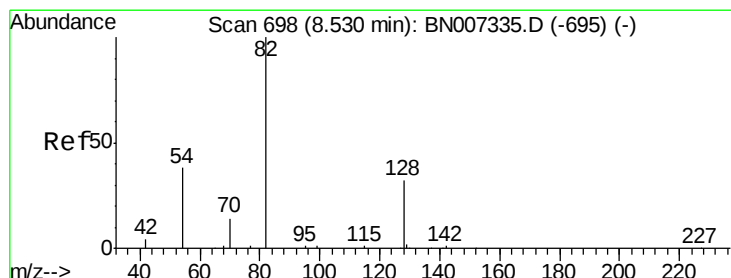
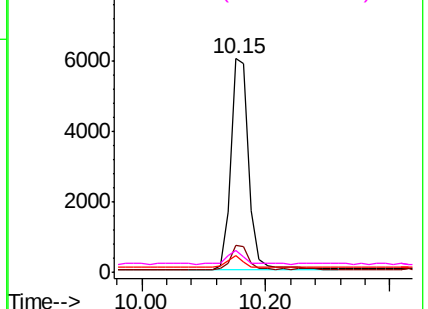
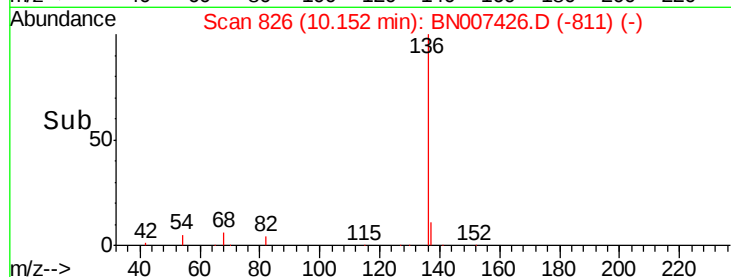


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

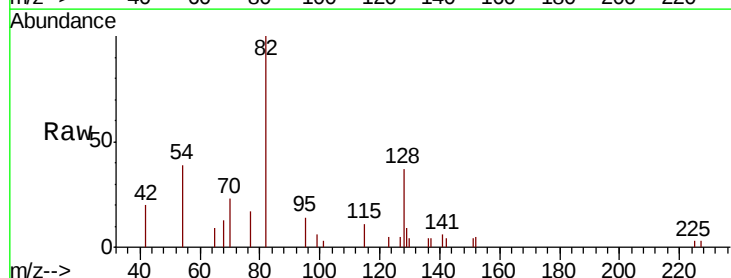
Tgt Ion: 82 Resp: 3876

Ion Ratio Lower Upper

82 100

128 37.4 19.7 29.5#

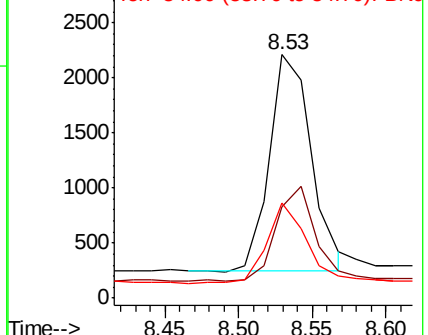
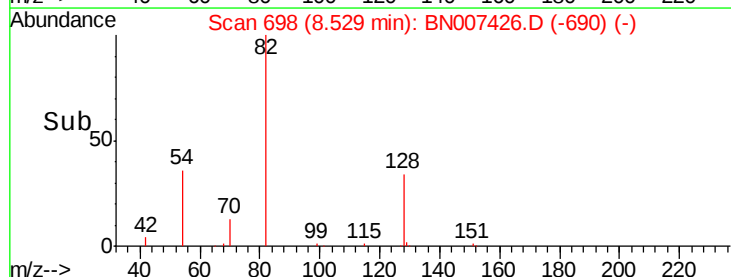
54 38.9 25.8 38.6#

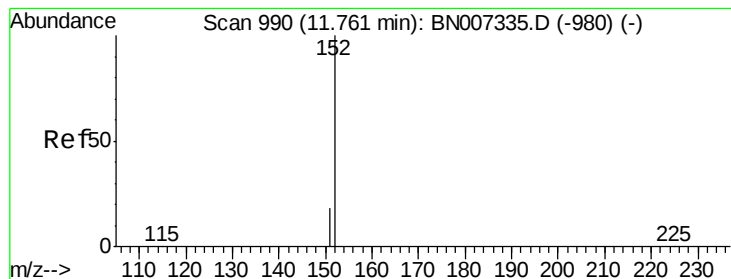


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.411 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

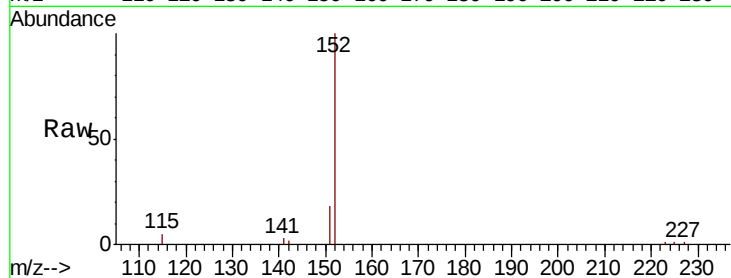
PB122534BL

Tgt Ion:152 Resp: 8354

Ion Ratio Lower Upper

152 100

151 18.7 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

5000

4000

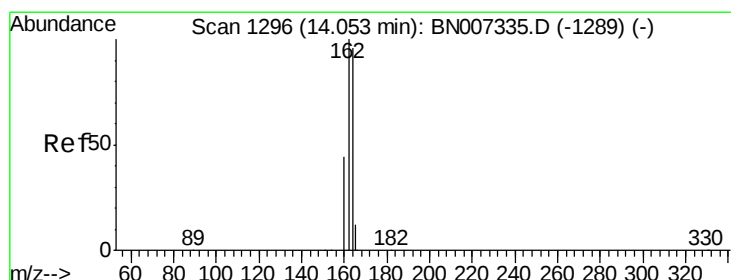
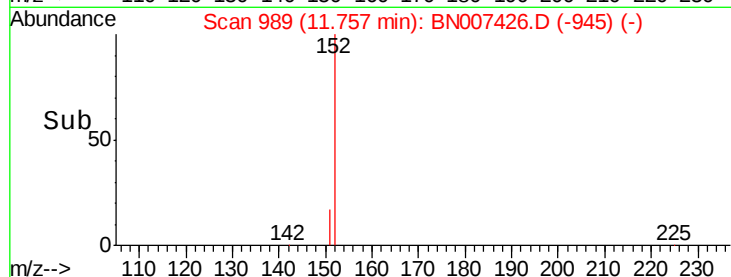
3000

2000

1000

0

Time--> 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

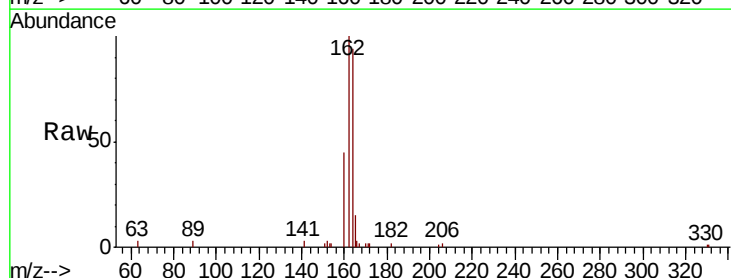
Tgt Ion:164 Resp: 7415

Ion Ratio Lower Upper

164 100

162 105.9 83.5 125.3

160 47.6 38.2 57.4



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

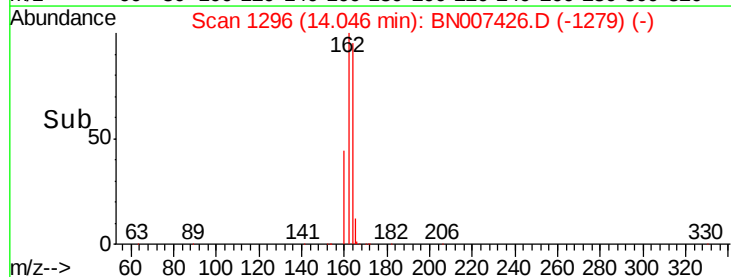
6000

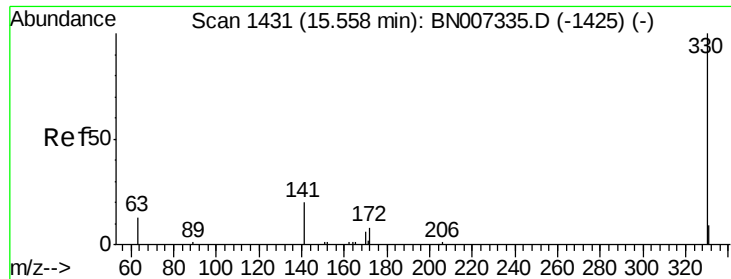
4000

2000

0

Time--> 14.00 14.10 14.20

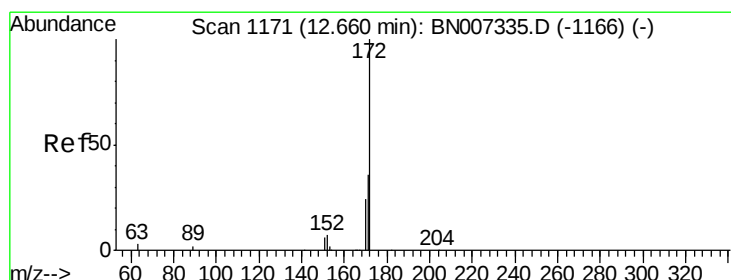
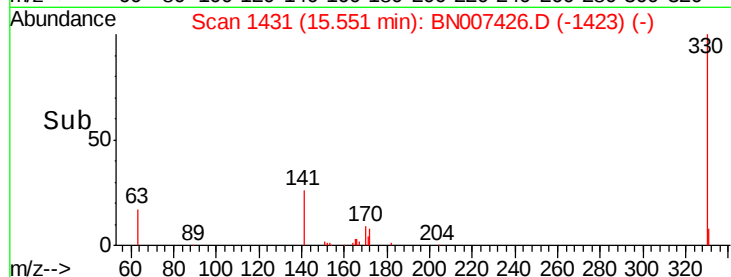
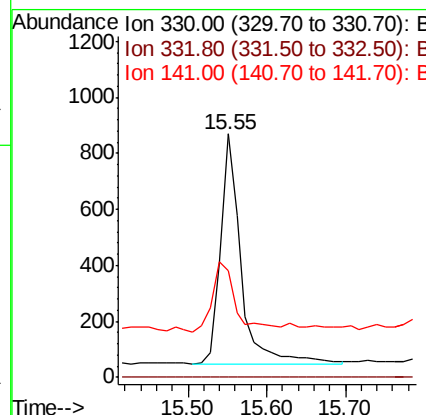
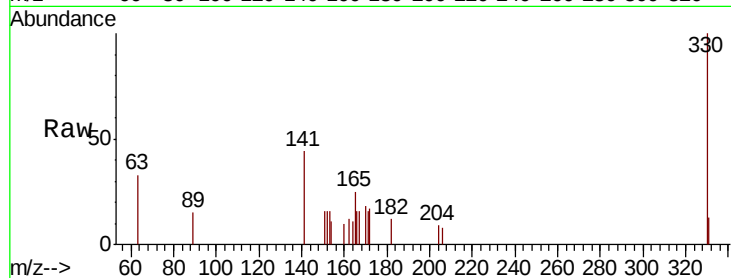




#14
 2,4,6-Tribromophenol
 Concen: 0.386 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007426.D
 Acq: 27 Aug 2019 00:59

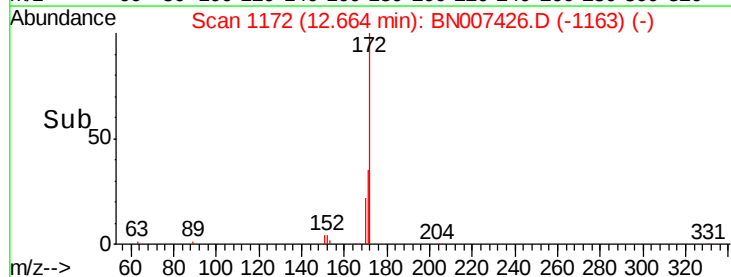
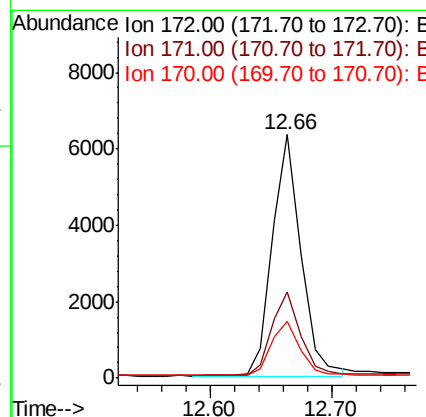
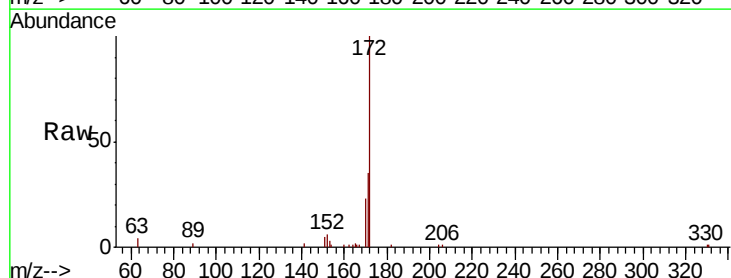
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 PB122534BL

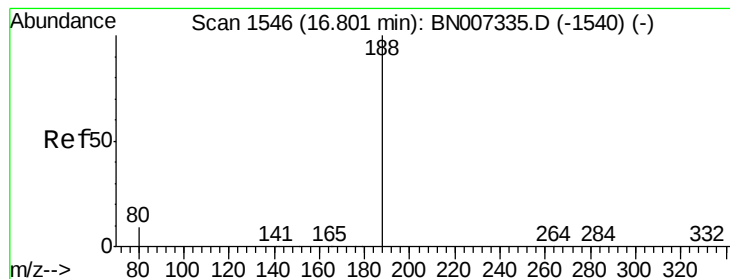
Tgt Ion: 330 Resp: 1497
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.1 26.9 40.3



#15
 2-Fluorobiphenyl
 Concen: 0.344 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN007426.D
 Acq: 27 Aug 2019 00:59

Tgt Ion: 172 Resp: 10292
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.3 45.5
 170 23.1 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

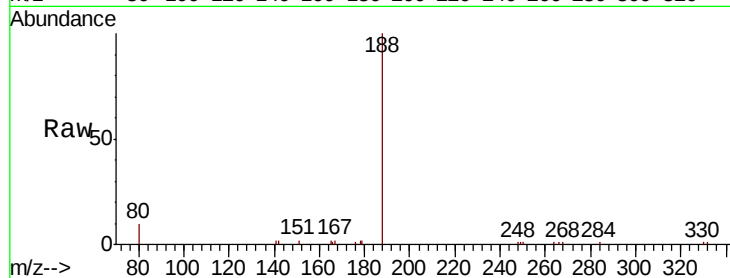
Tgt Ion:188 Resp: 15970

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

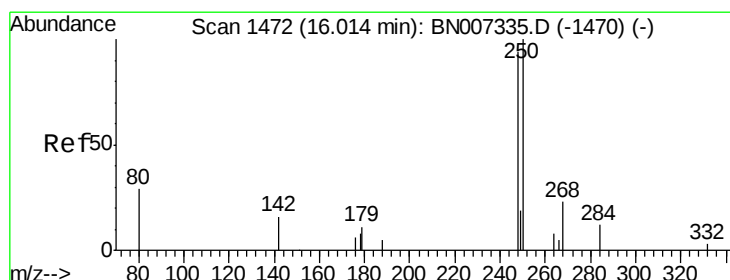
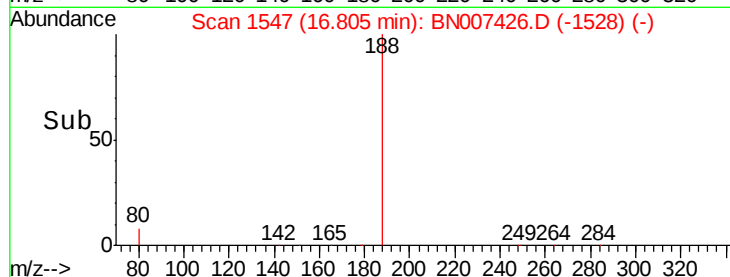
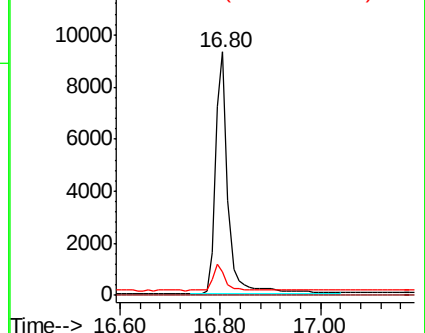
80 9.6 11.8 17.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.024 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

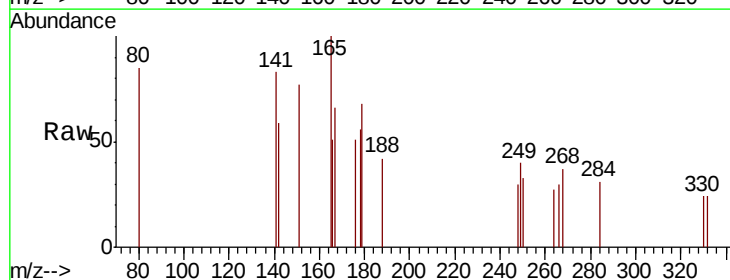
Tgt Ion:248 Resp: 152

Ion Ratio Lower Upper

248 100

250 109.4 85.0 127.6

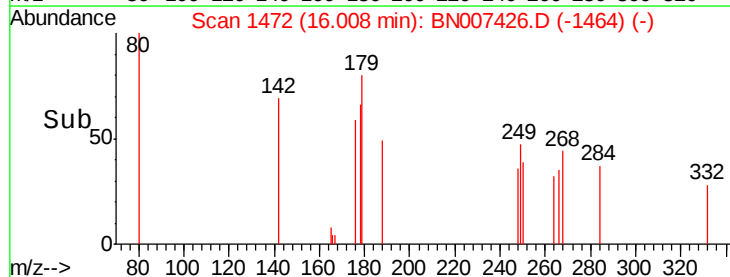
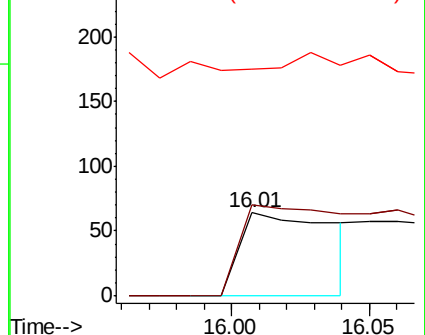
141 273.4 51.7 77.5#

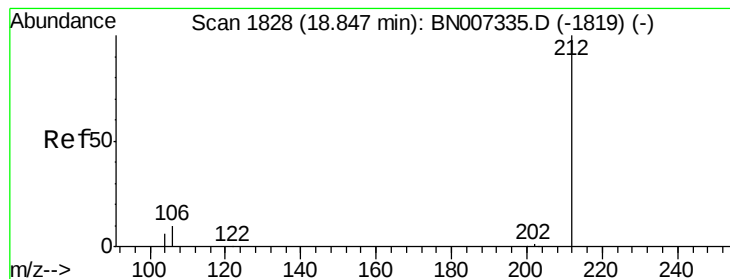


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#25

Fluoranthene-d10

Concen: 0.439 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

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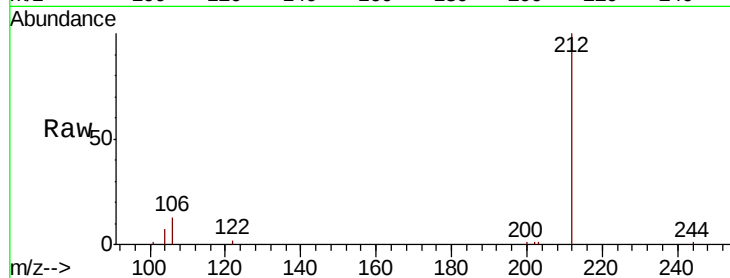
Tgt Ion:212 Resp: 22589

Ion Ratio Lower Upper

212 100

106 11.7 9.0 13.4

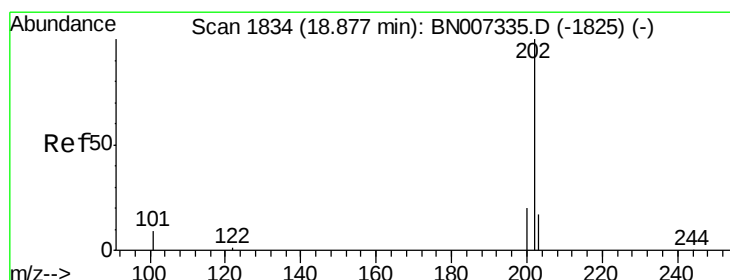
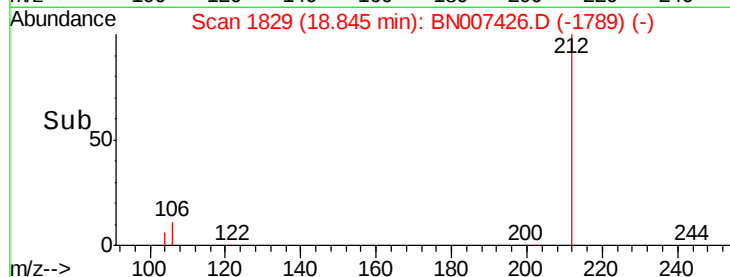
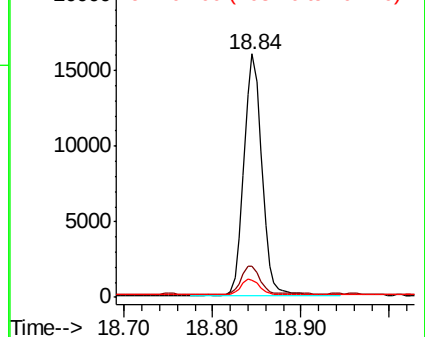
104 6.8 5.4 8.2



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



#26

Fluoranthene

Concen: 0.026 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

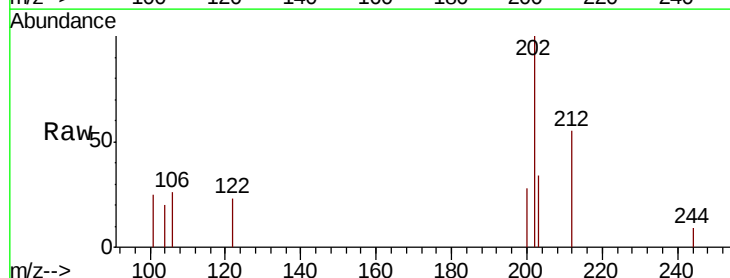
Tgt Ion:202 Resp: 1584

Ion Ratio Lower Upper

202 100

101 8.3 7.7 11.5

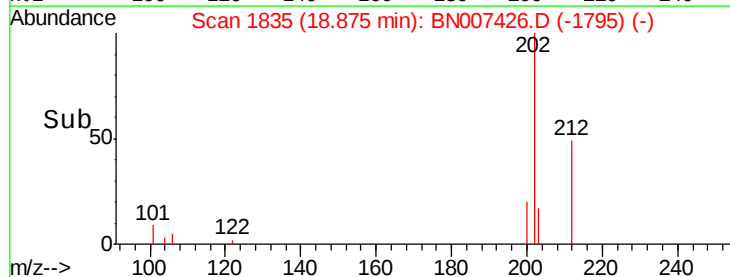
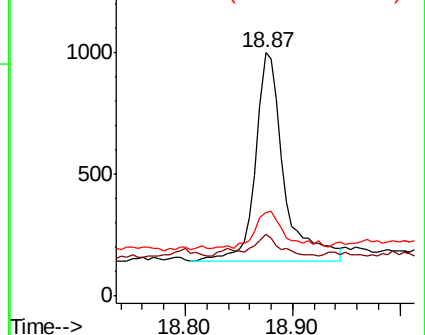
203 19.4 13.7 20.5

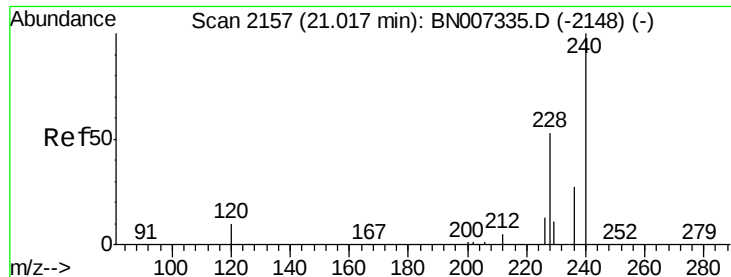


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

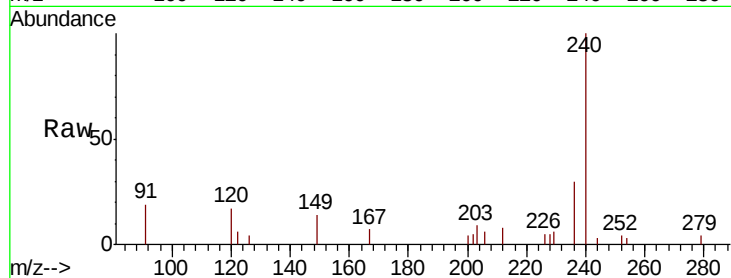
Tgt Ion:240 Resp: 16987

Ion Ratio Lower Upper

240 100

120 16.9 9.6 14.4#

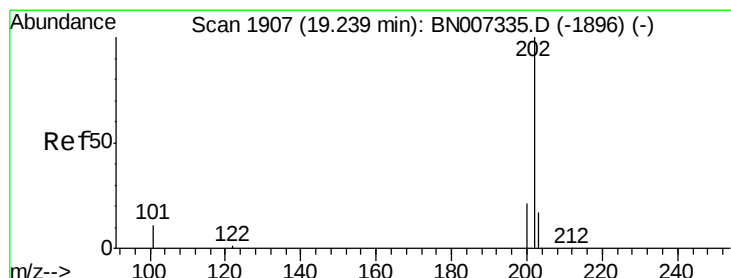
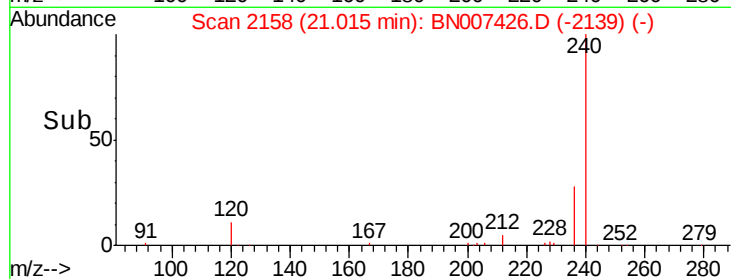
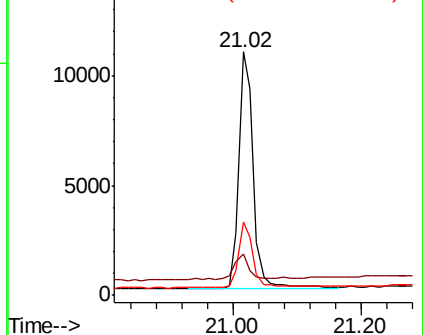
236 30.1 22.2 33.2



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



#28

Pyrene

Concen: 0.022 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

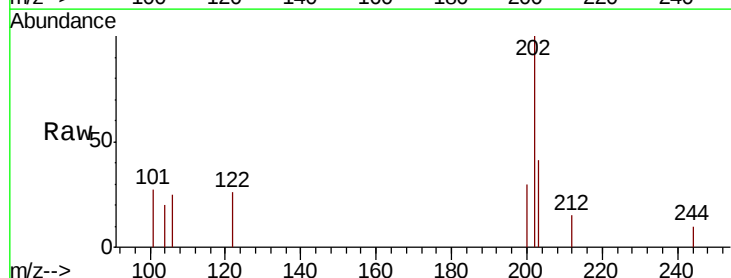
Tgt Ion:202 Resp: 1494

Ion Ratio Lower Upper

202 100

200 18.8 16.6 25.0

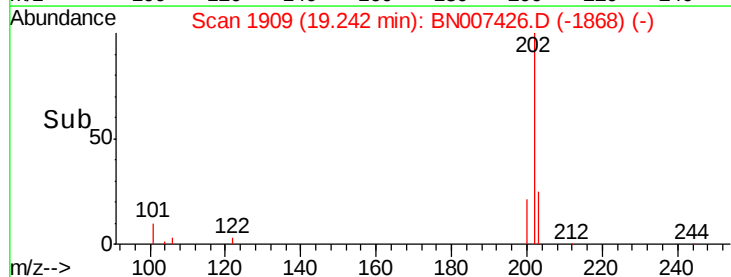
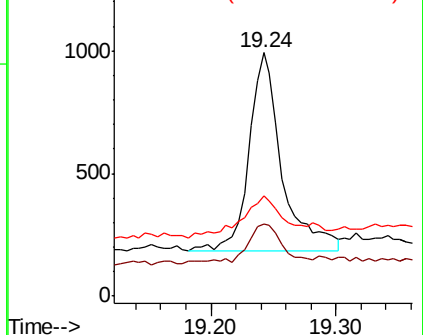
203 27.0 14.2 21.4#

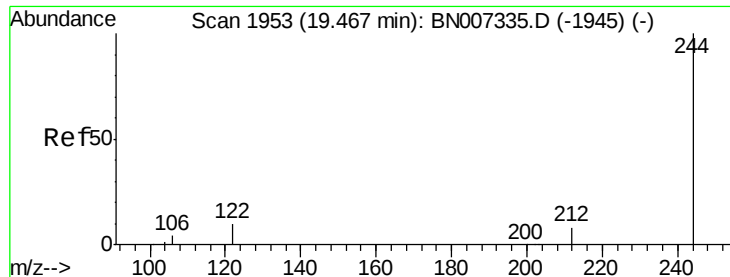


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

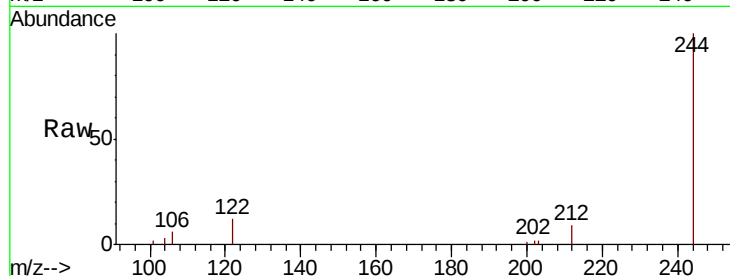
Tgt Ion:244 Resp: 17769

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

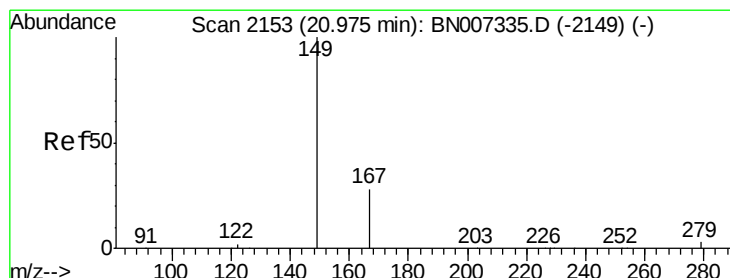
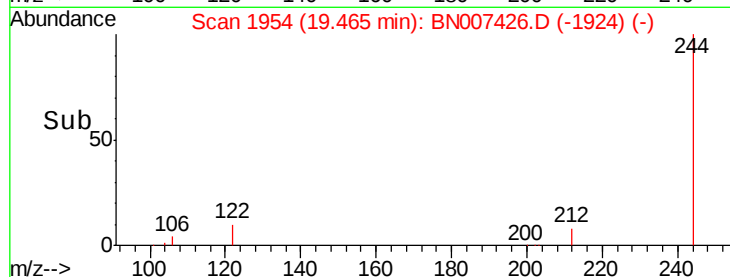
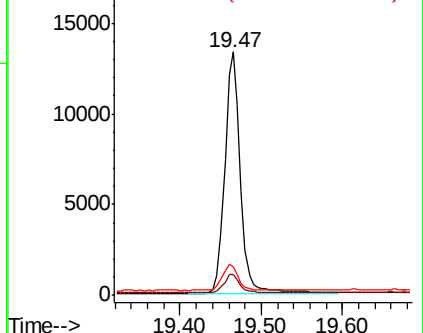
122 11.7 9.6 14.4



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: 0.048 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

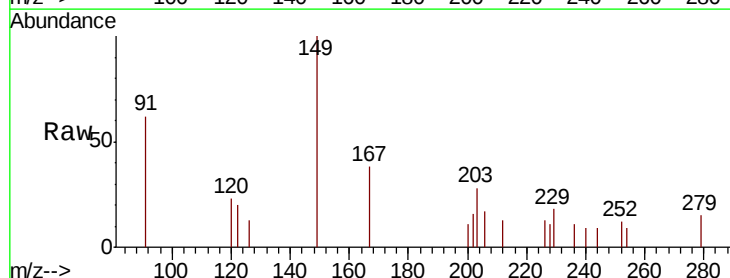
Tgt Ion:149 Resp: 2894

Ion Ratio Lower Upper

149 100

167 30.8 22.8 34.2

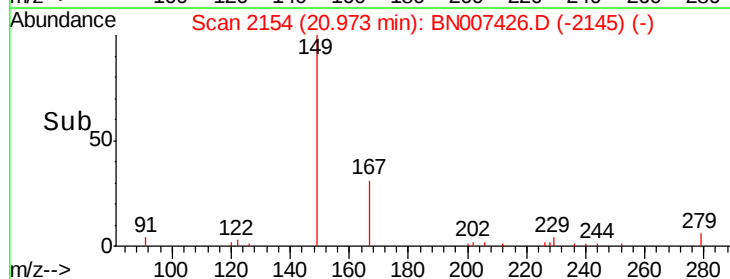
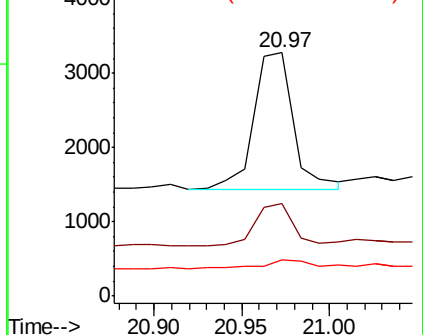
279 8.3 3.5 5.3#

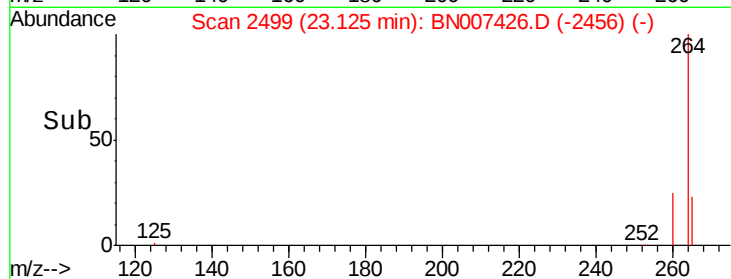
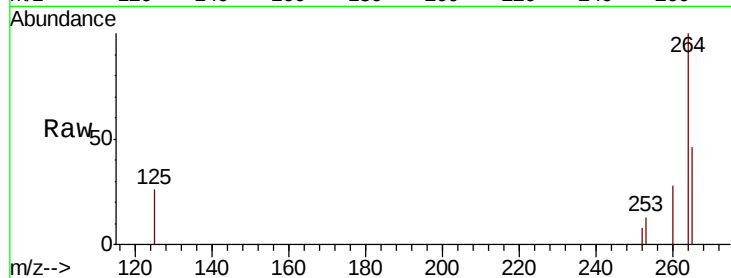
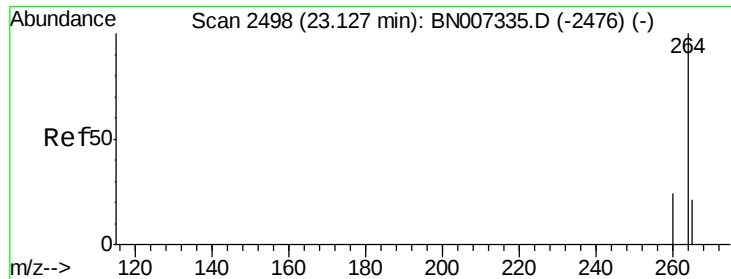


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.13 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BN007426.D

Acq: 27 Aug 2019 00:59

Instrument :

BNA_N

ClientSampleId :

PB122534BL

Tgt Ion:264 Resp: 17757

Ion Ratio Lower Upper

264 100

260 28.4 19.7 29.5

265 46.4 29.9 44.9#

