

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082619\
 Data File : BN007421.D
 Acq On : 26 Aug 2019 22:00
 Operator : HP/JU
 Sample : K4515-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-1-082319

Quant Time: Aug 27 05:47:20 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	3332	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14019	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	8645	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	17267	0.40	ng	0.00
27) Chrysene-d12	21.03	240	16331	0.40	ng	0.00
34) Perylene-d12	23.13	264	18323	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	1912	0.15	ng	0.00
5) Phenol-d6	6.60	99	1400	0.07	ng	0.00
8) Nitrobenzene-d5	8.53	82	4776	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	9953	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2205	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	13194	0.38	ng	0.00
25) Fluoranthene-d10	18.84	212	25263	0.45	ng	0.00
29) Terphenyl-d14	19.47	244	23404	0.55	ng	0.00

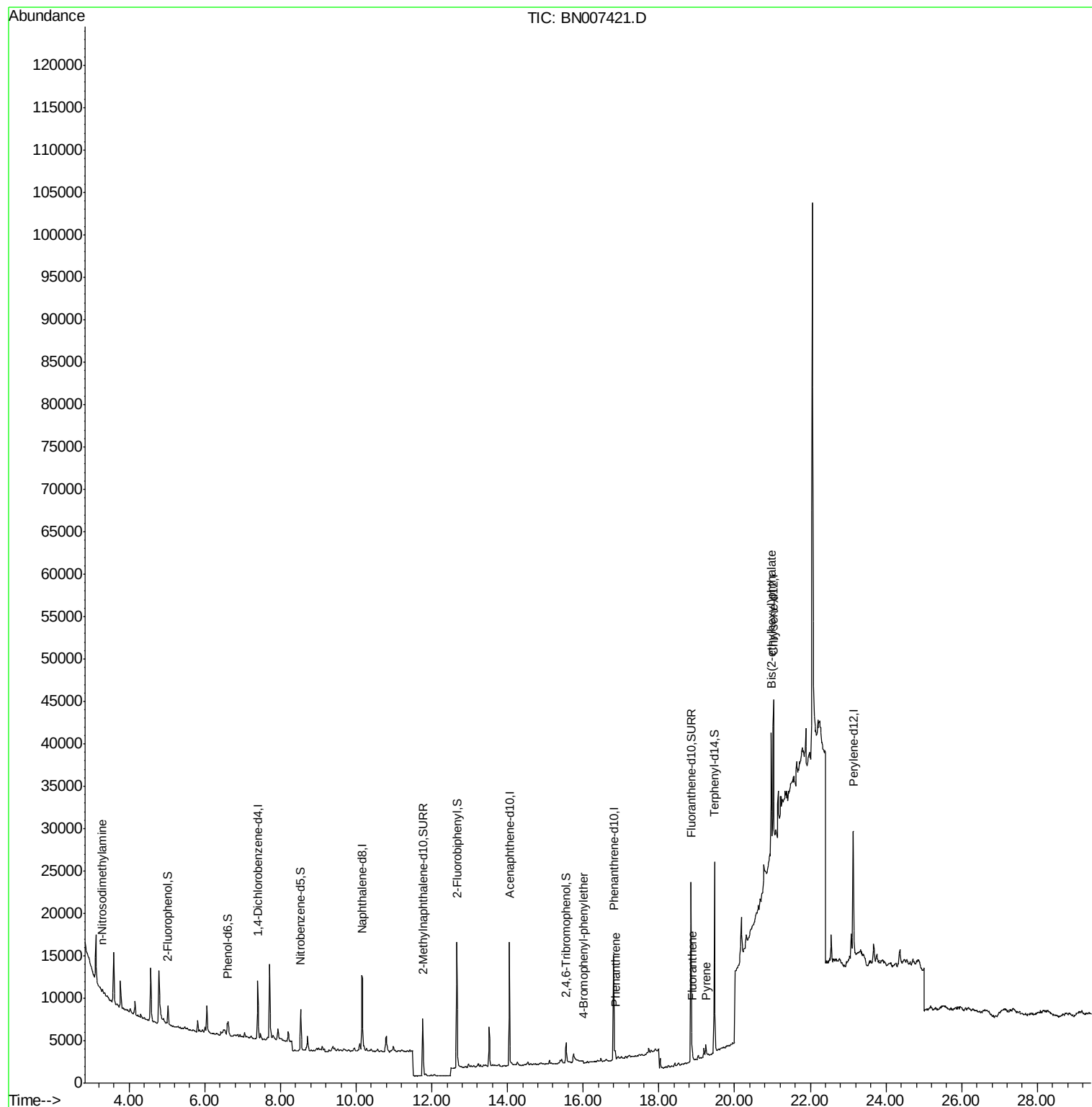
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.30	42	122	0.047	ng	# 1
20) 4-Bromophenyl-phenylether	16.01	248	249	0.037	ng	# 1
23) Phenanthrene	16.85	178	1238	0.024	ng	# 89
26) Fluoranthene	18.88	202	1767	0.026	ng	95
28) Pyrene	19.24	202	1701	0.026	ng	# 91
32) Bis(2-ethylhexyl)phthalate	20.97	149	11877	0.267	ng	# 96

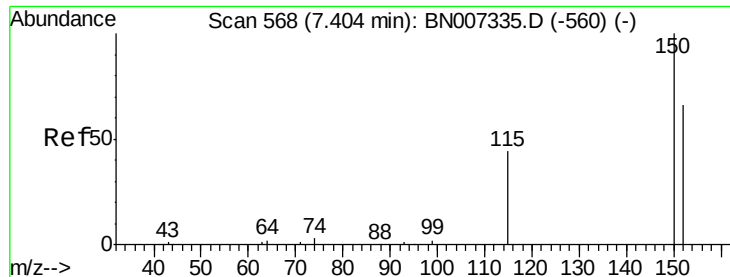
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.00 min

Lab File: BN007421.D

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BNA_N

ClientSampleId :

EB-1-082319

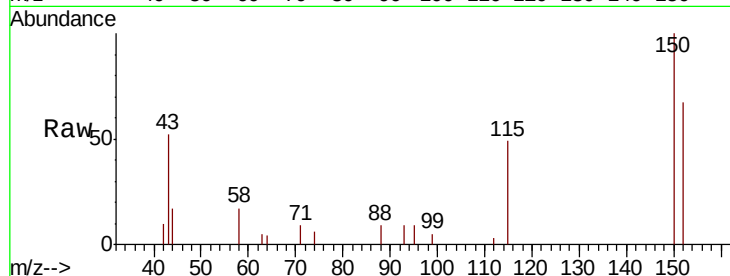
Tgt Ion:152 Resp: 3332

Ion Ratio Lower Upper

152 100

150 149.3 109.1 163.7

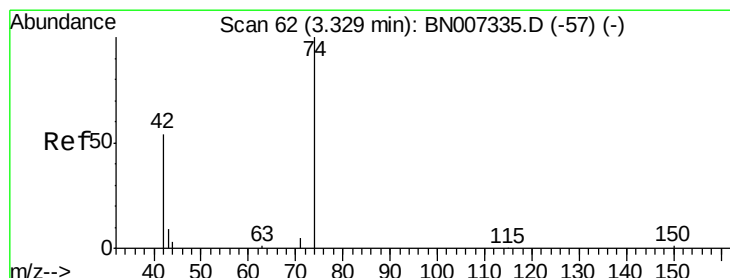
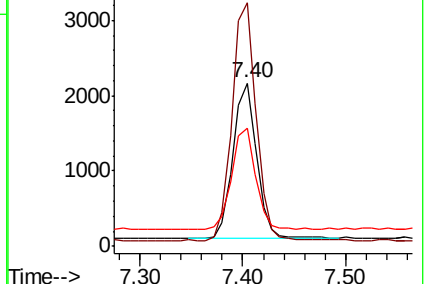
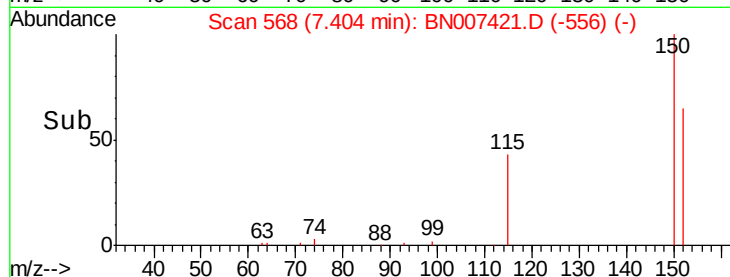
115 72.5 59.6 89.4



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: 0.047 ng

RT: 3.30 min Scan# 59

Delta R.T. -0.02 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

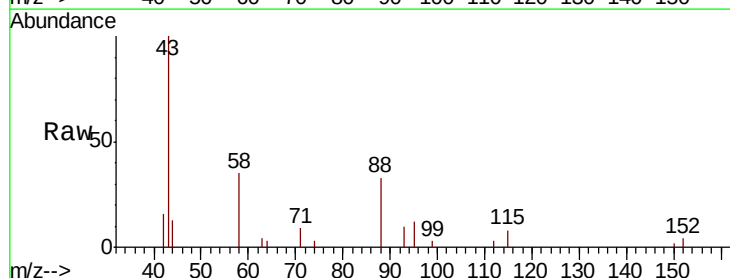
Tgt Ion: 42 Resp: 122

Ion Ratio Lower Upper

42 100

74 11.5 144.7 217.1#

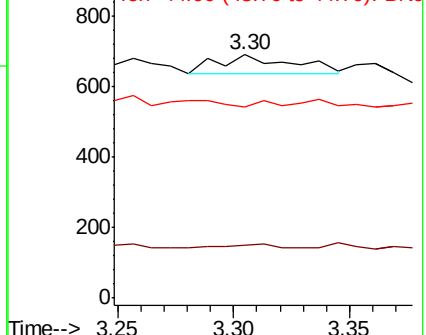
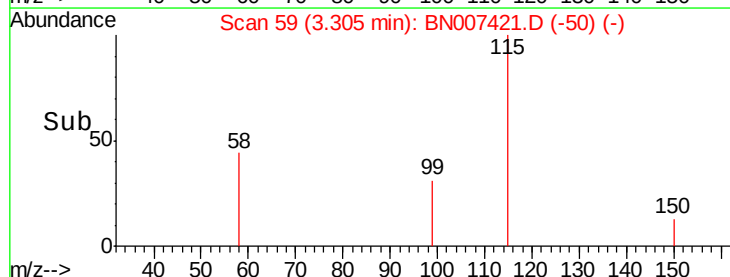
44 7.4 3.2 4.8#

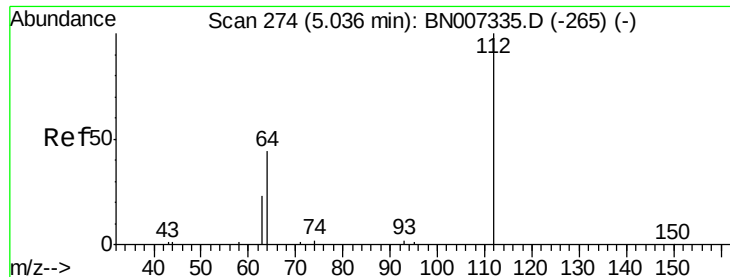


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.04 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

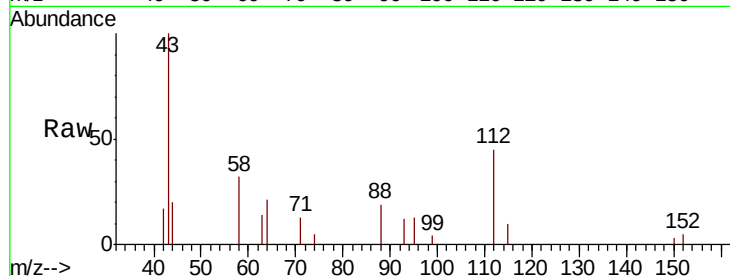
Tgt Ion: 112 Resp: 1912

Ion Ratio Lower Upper

112 100

64 51.3 42.3 63.5

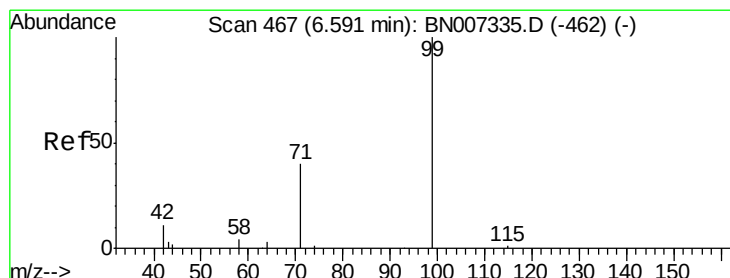
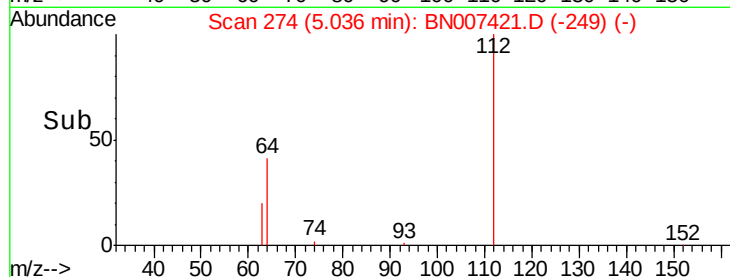
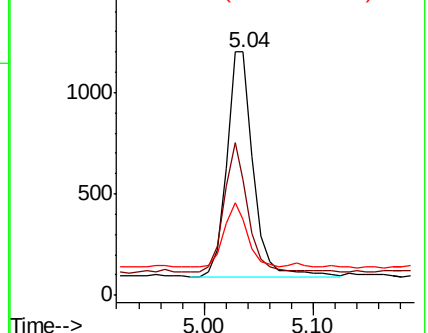
63 24.9 23.6 35.4



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: 0.070 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

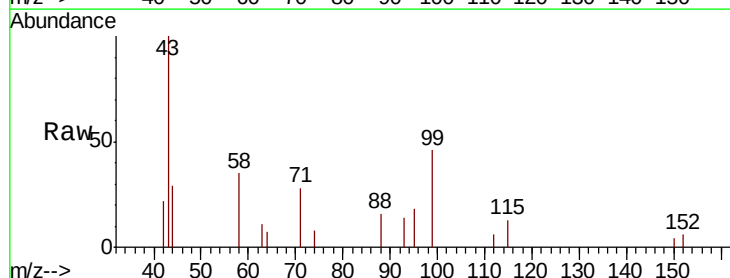
Tgt Ion: 99 Resp: 1400

Ion Ratio Lower Upper

99 100

42 18.1 11.2 16.8#

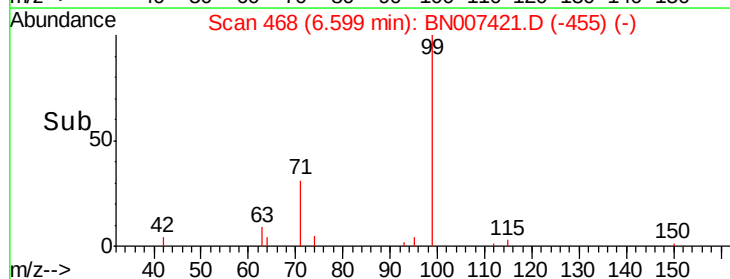
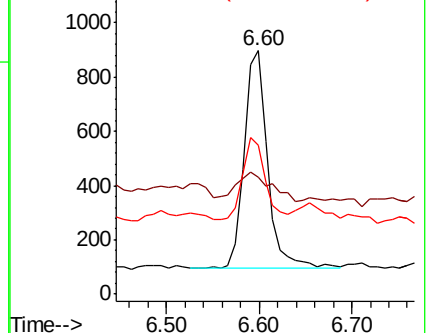
71 35.1 31.8 47.8

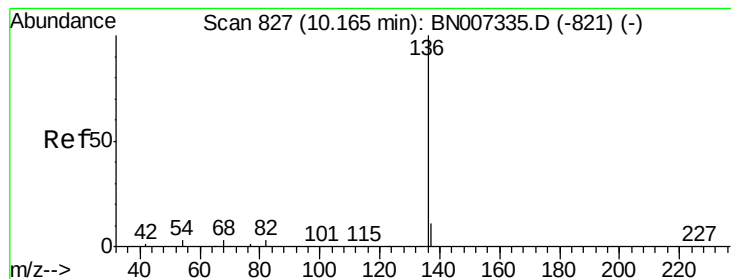


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

Tgt Ion:136 Resp: 14019

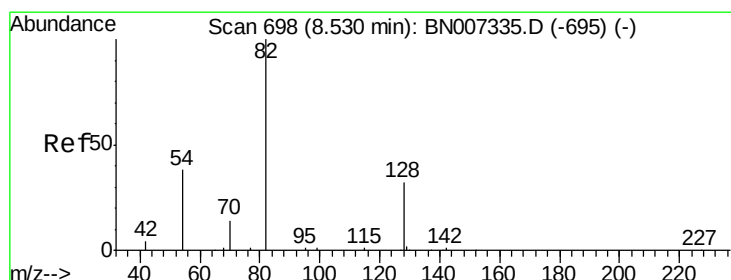
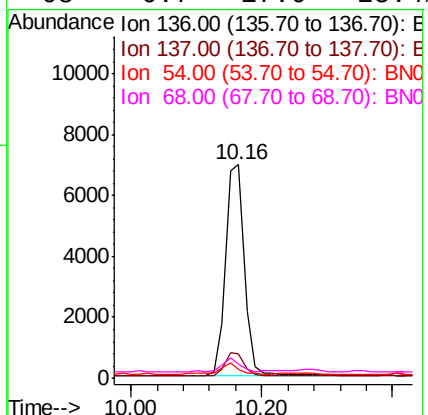
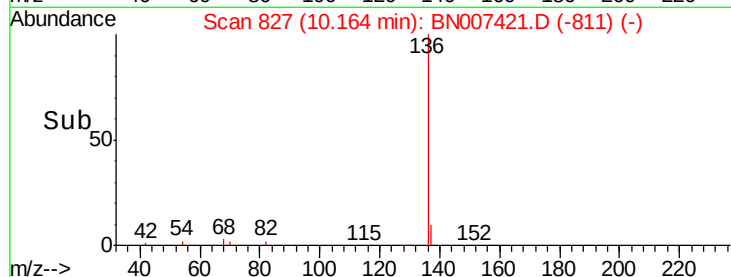
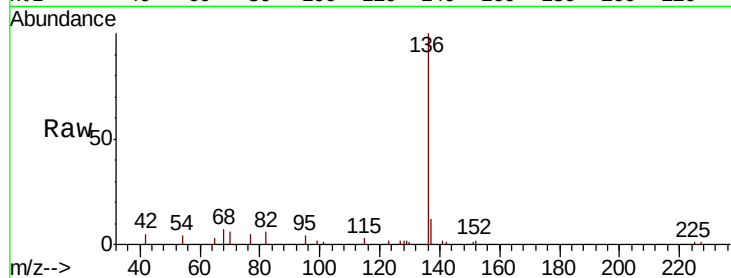
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.5 8.6 12.8#

68 6.7 17.0 25.4#



#8

Nitrobenzene-d5

Concen: 0.391 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

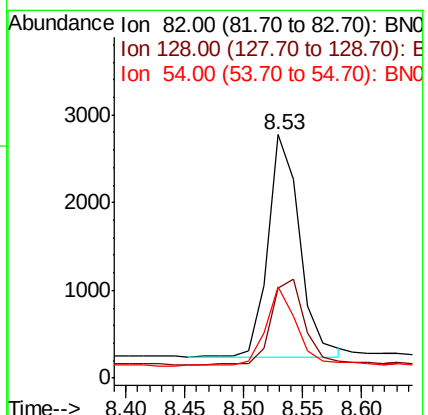
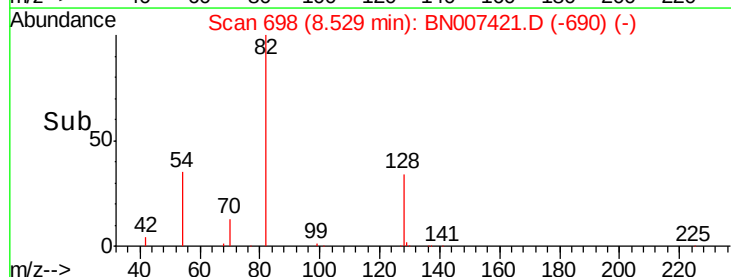
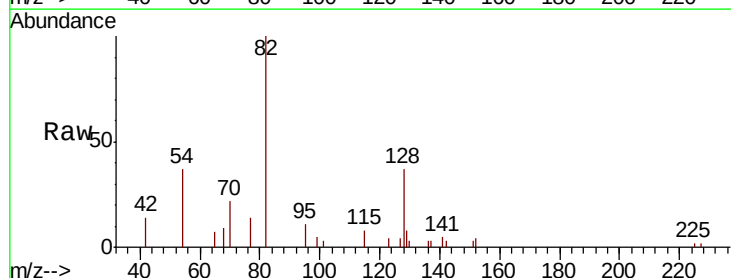
Tgt Ion: 82 Resp: 4776

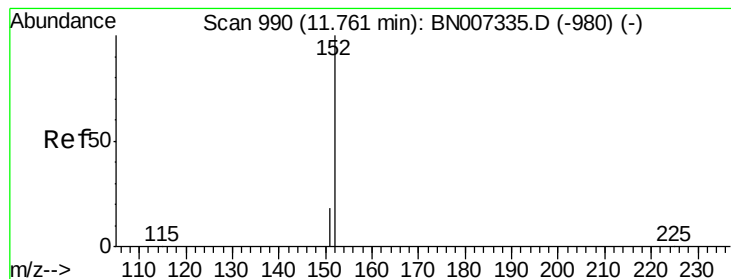
Ion Ratio Lower Upper

82 100

128 37.1 19.7 29.5#

54 37.2 25.8 38.6





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

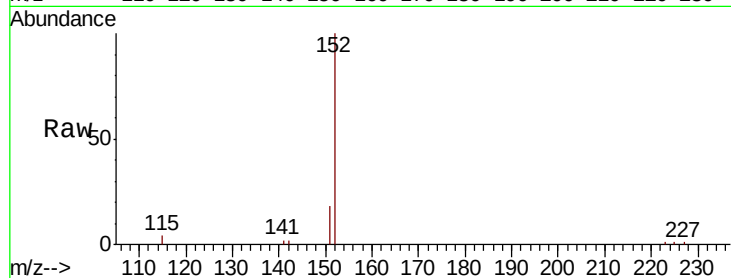
EB-1-082319

Tgt Ion:152 Resp: 9953

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

4000

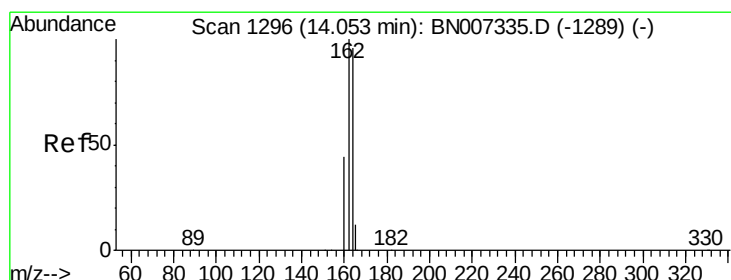
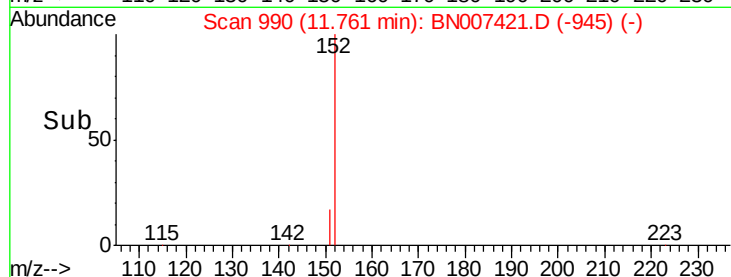
2000

0

11.76

11.70 11.80

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

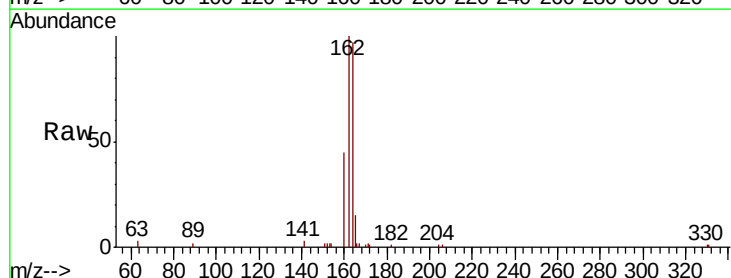
Tgt Ion:164 Resp: 8645

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 46.5 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

8000

6000

4000

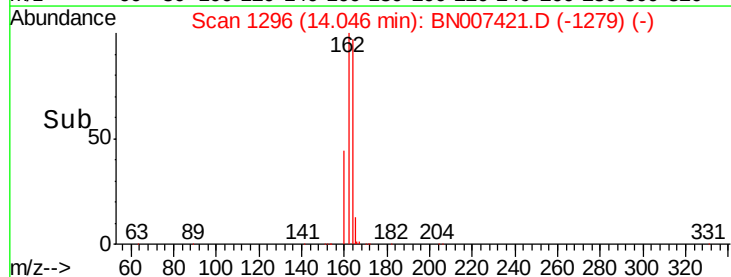
2000

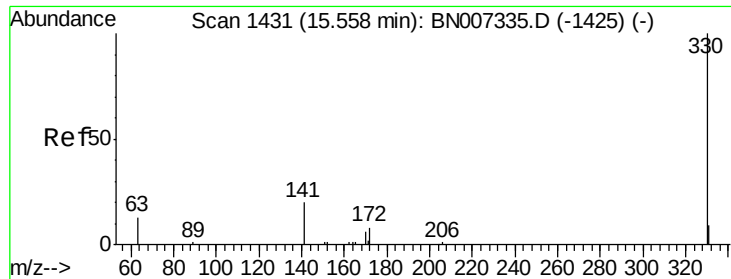
0

14.05

14.00 14.10 14.20

Time-->

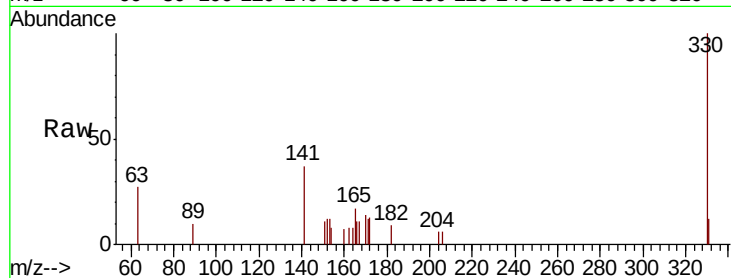




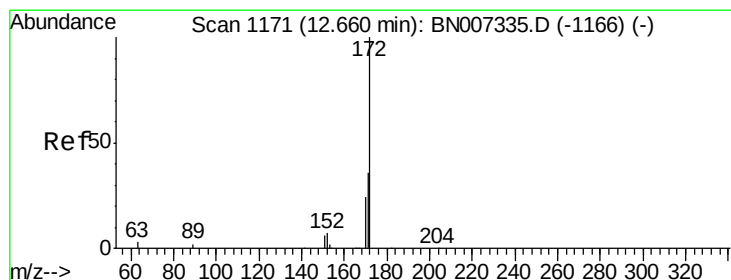
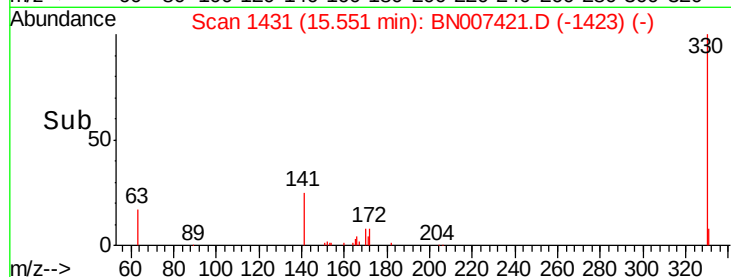
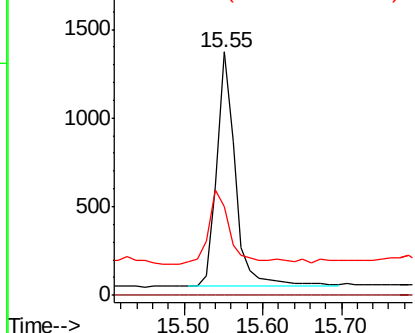
#14
 2,4,6-Tribromophenol
 Concen: 0.488 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007421.D
 Acq: 26 Aug 2019 22:00

Instrument :
 BNA_N
 ClientSampleId :
 EB-1-082319

Tgt Ion: 330 Resp: 2205
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.9 26.9 40.3

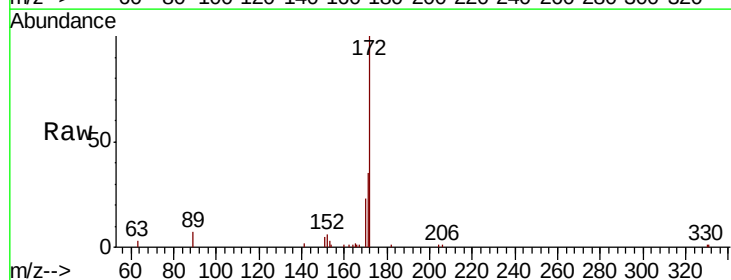


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

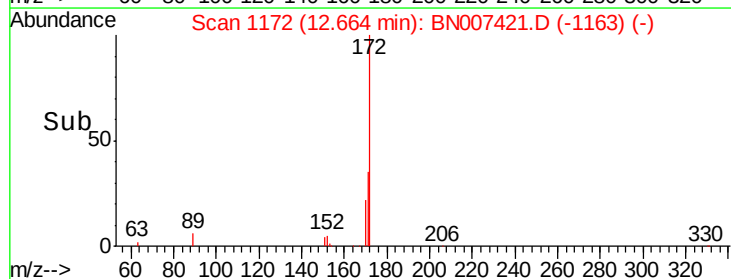
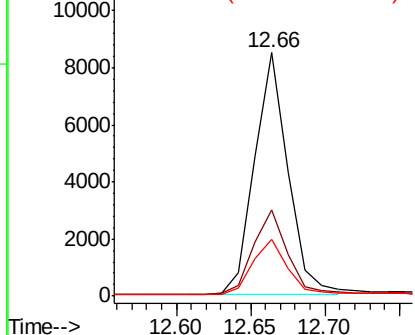


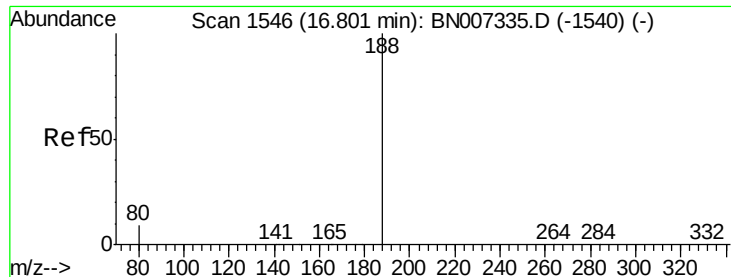
#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN007421.D
 Acq: 26 Aug 2019 22:00

Tgt Ion: 172 Resp: 13194
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.3 45.5
 170 23.1 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

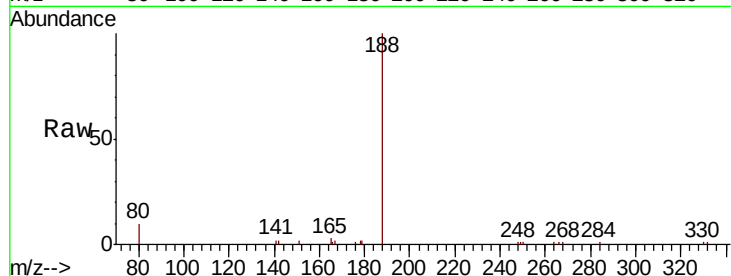
Tgt Ion:188 Resp: 17267

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

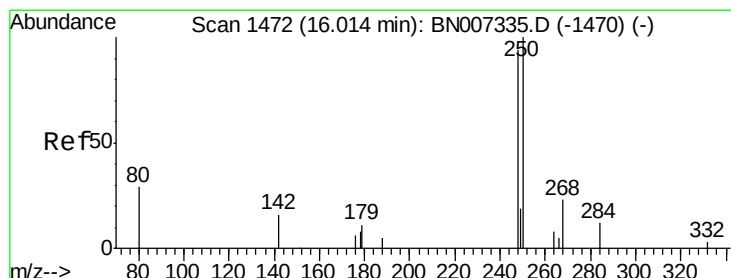
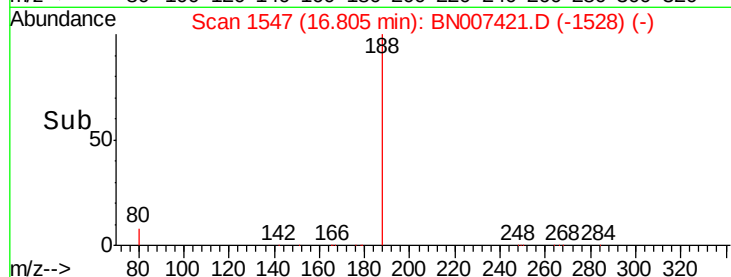
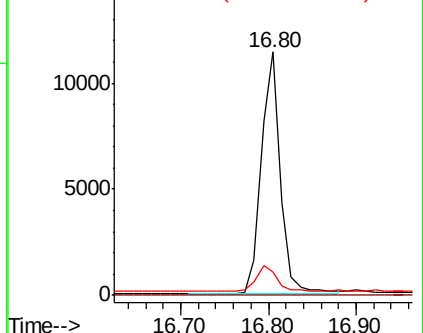
80 9.6 11.8 17.8#



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: 0.037 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

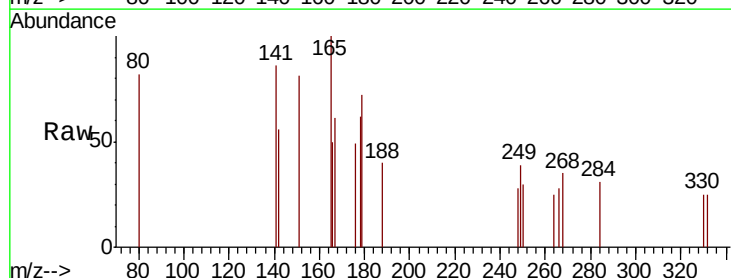
Tgt Ion:248 Resp: 249

Ion Ratio Lower Upper

248 100

250 107.7 85.0 127.6

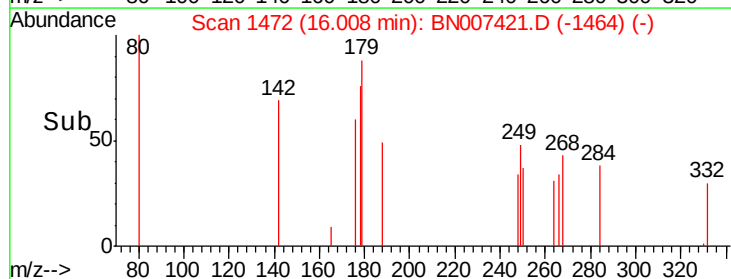
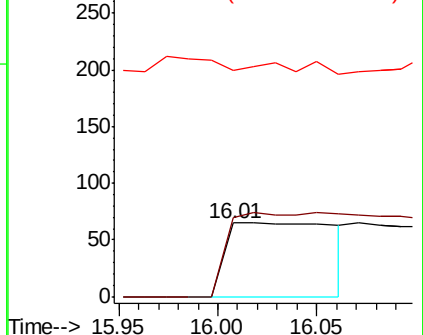
141 306.2 51.7 77.5#

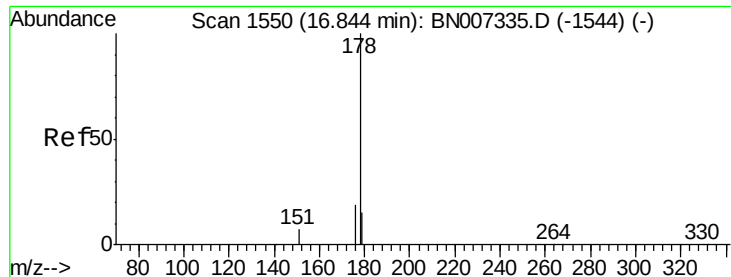


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#23

Phenanthrene

Concen: 0.024 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

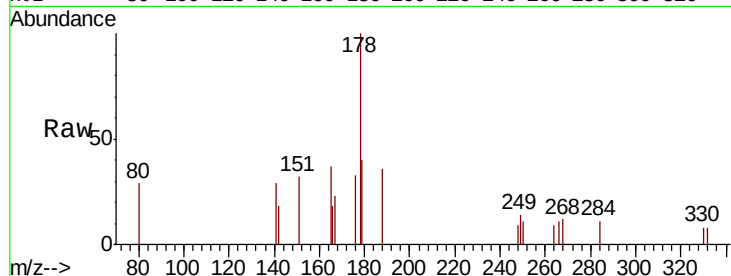
Tgt Ion:178 Resp: 1238

Ion Ratio Lower Upper

178 100

176 17.0 15.3 22.9

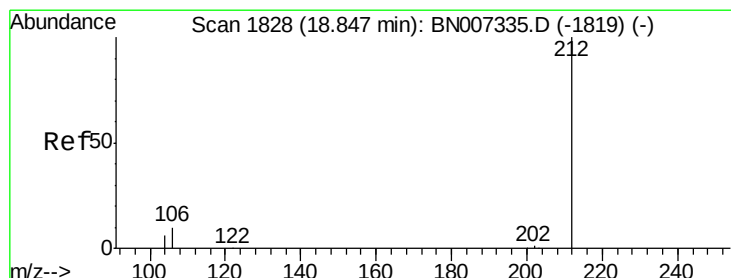
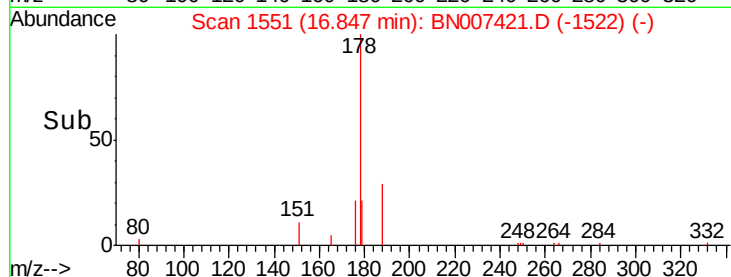
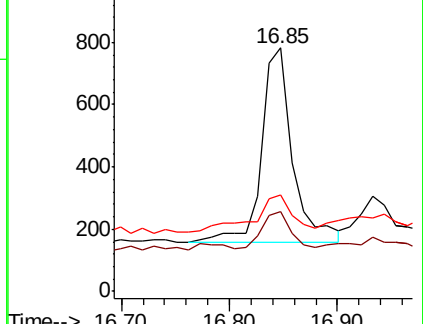
179 23.4 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

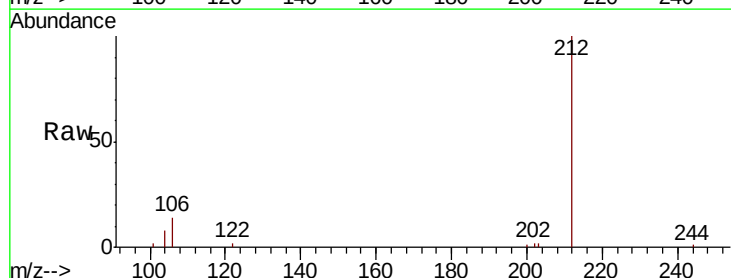
Tgt Ion:212 Resp: 25263

Ion Ratio Lower Upper

212 100

106 11.7 9.0 13.4

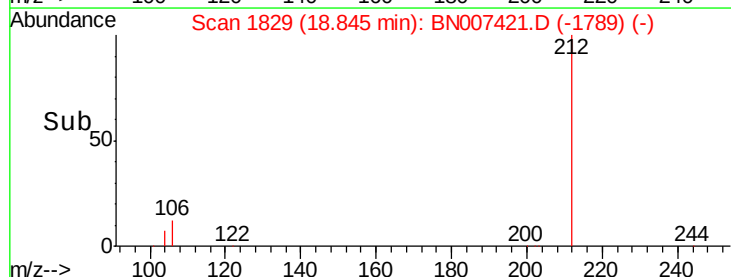
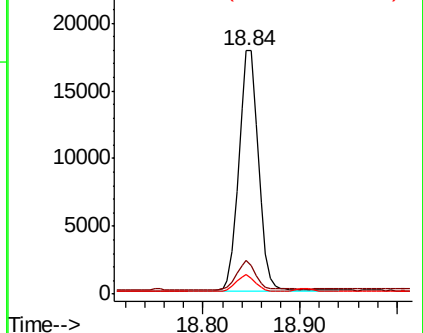
104 6.5 5.4 8.2

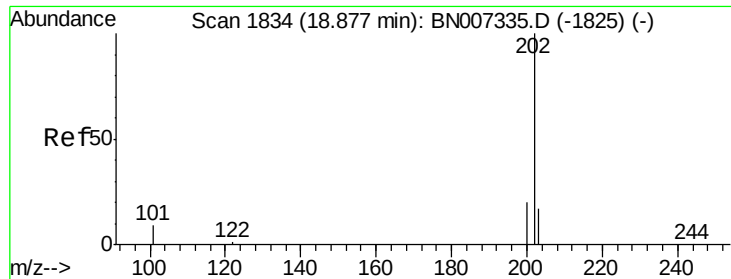


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

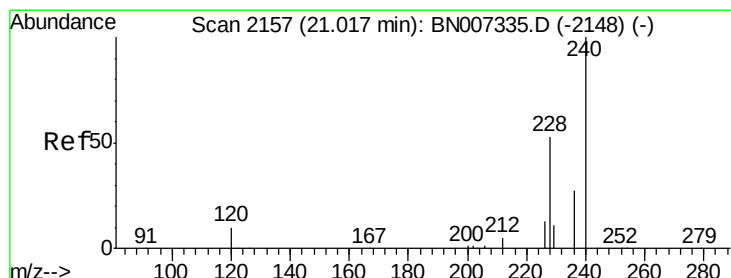
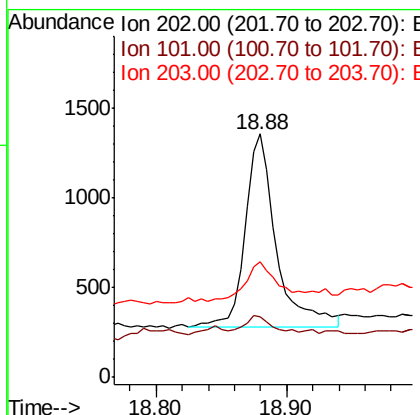
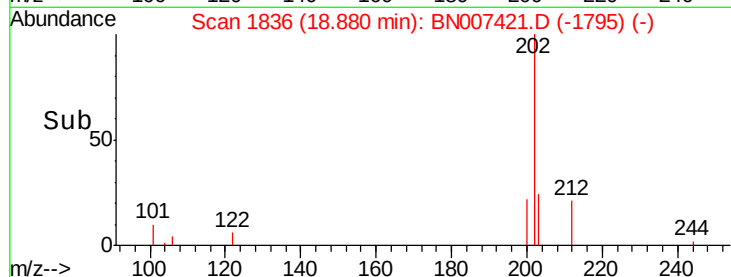
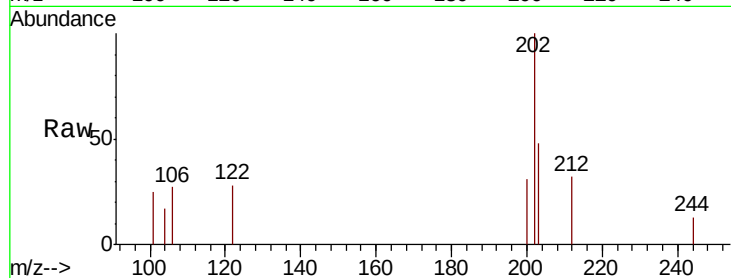




#26
 Fluoranthene
 Concen: 0.026 ng
 RT: 18.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BN007421.D
 Acq: 26 Aug 2019 22:00

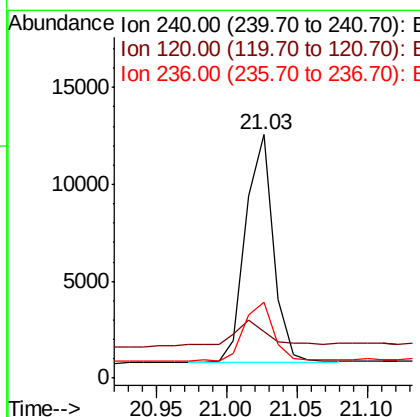
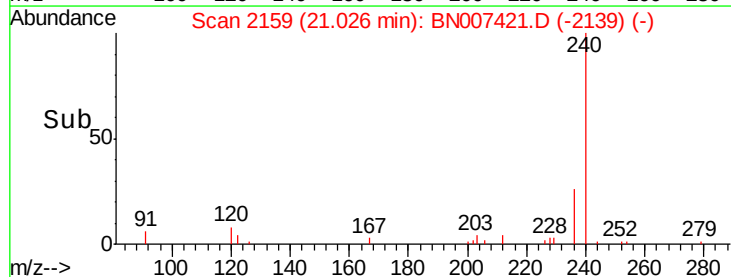
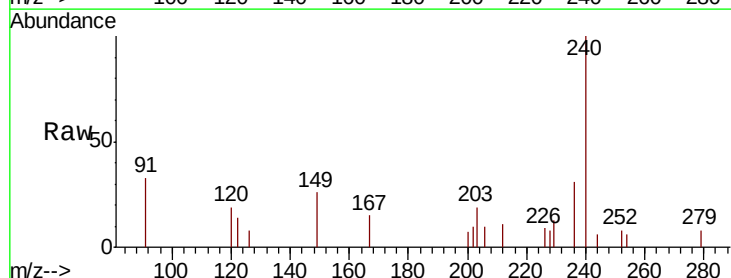
Instrument :
 BNA_N
 ClientSampleId :
 EB-1-082319

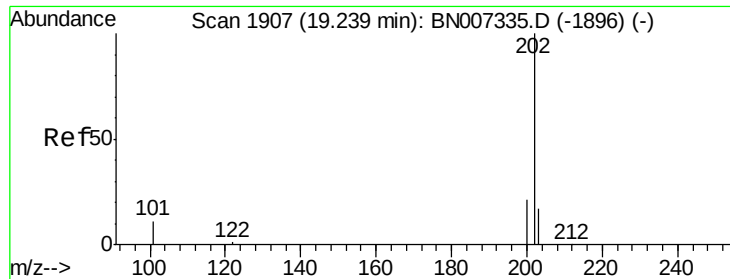
Tgt Ion:202 Resp: 1767
 Ion Ratio Lower Upper
 202 100
 101 8.0 7.7 11.5
 203 19.4 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2159
 Delta R.T. 0.01 min
 Lab File: BN007421.D
 Acq: 26 Aug 2019 22:00

Tgt Ion:240 Resp: 16331
 Ion Ratio Lower Upper
 240 100
 120 18.9 9.6 14.4#
 236 31.4 22.2 33.2





#28

Pyrene

Concen: 0.026 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

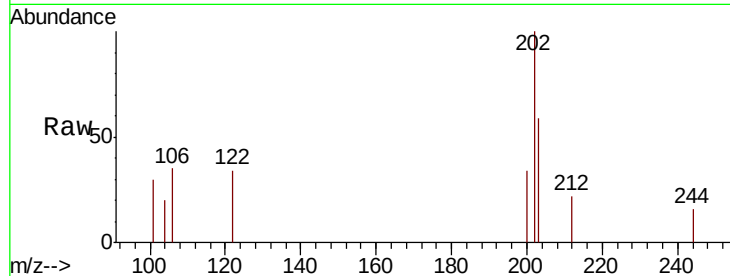
Tgt Ion:202 Resp: 1701

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

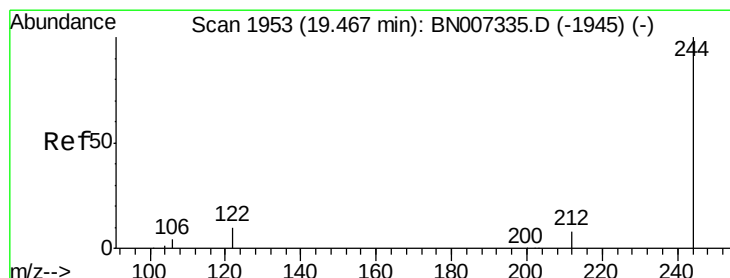
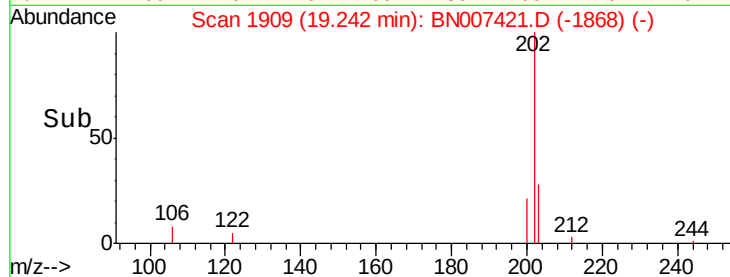
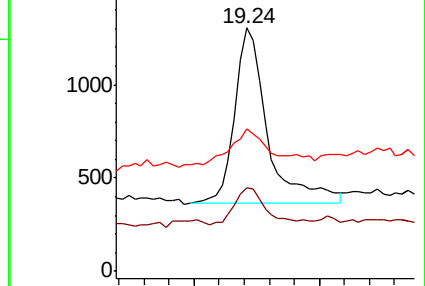
203 25.7 14.2 21.4#



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: 0.548 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

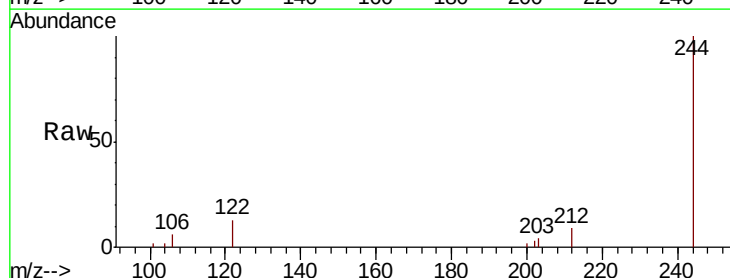
Tgt Ion:244 Resp: 23404

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

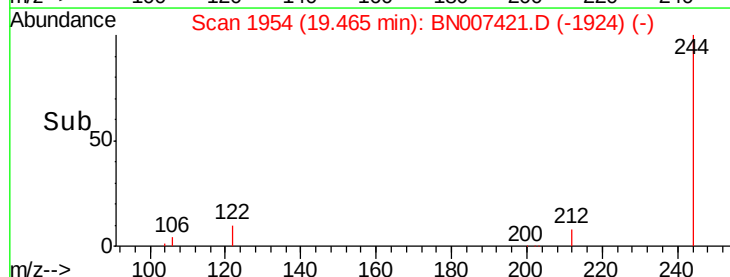
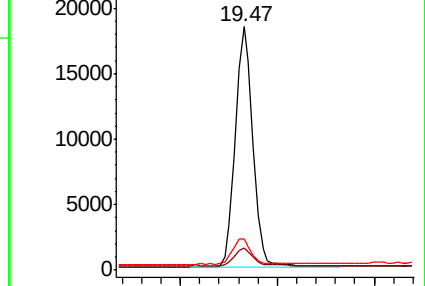
122 12.7 9.6 14.4

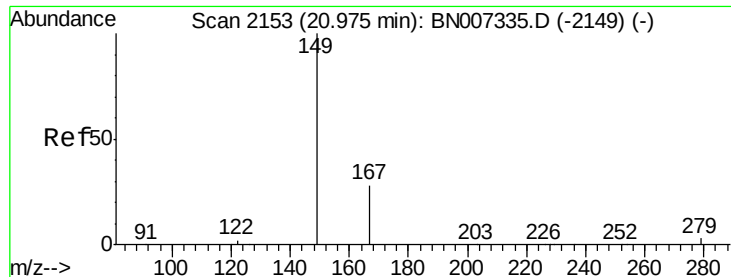


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.267 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

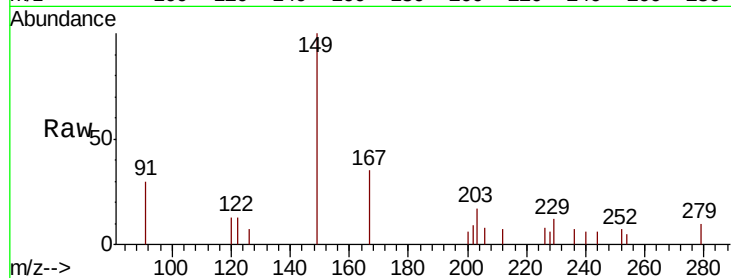
Tgt Ion:149 Resp: 11877

Ion Ratio Lower Upper

149 100

167 30.6 22.8 34.2

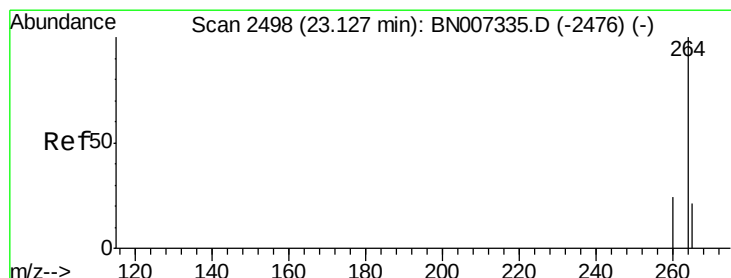
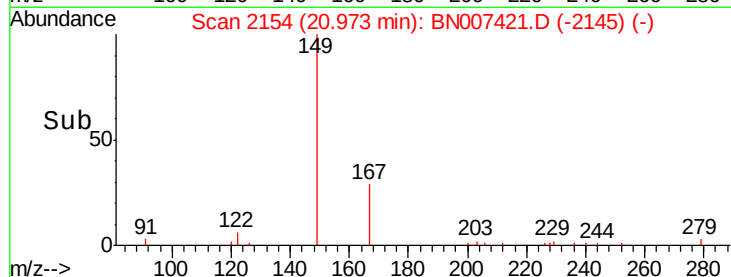
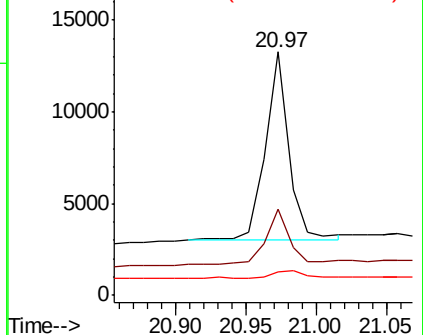
279 5.9 3.5 5.3#



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# 2501

Delta R.T. 0.00 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

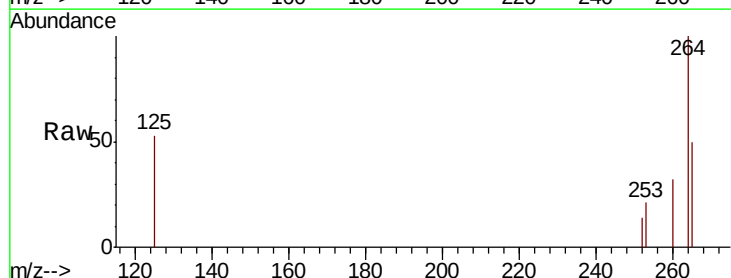
Tgt Ion:264 Resp: 18323

Ion Ratio Lower Upper

264 100

260 32.0 19.7 29.5#

265 49.6 29.9 44.9#



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

