

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 08:15:07 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

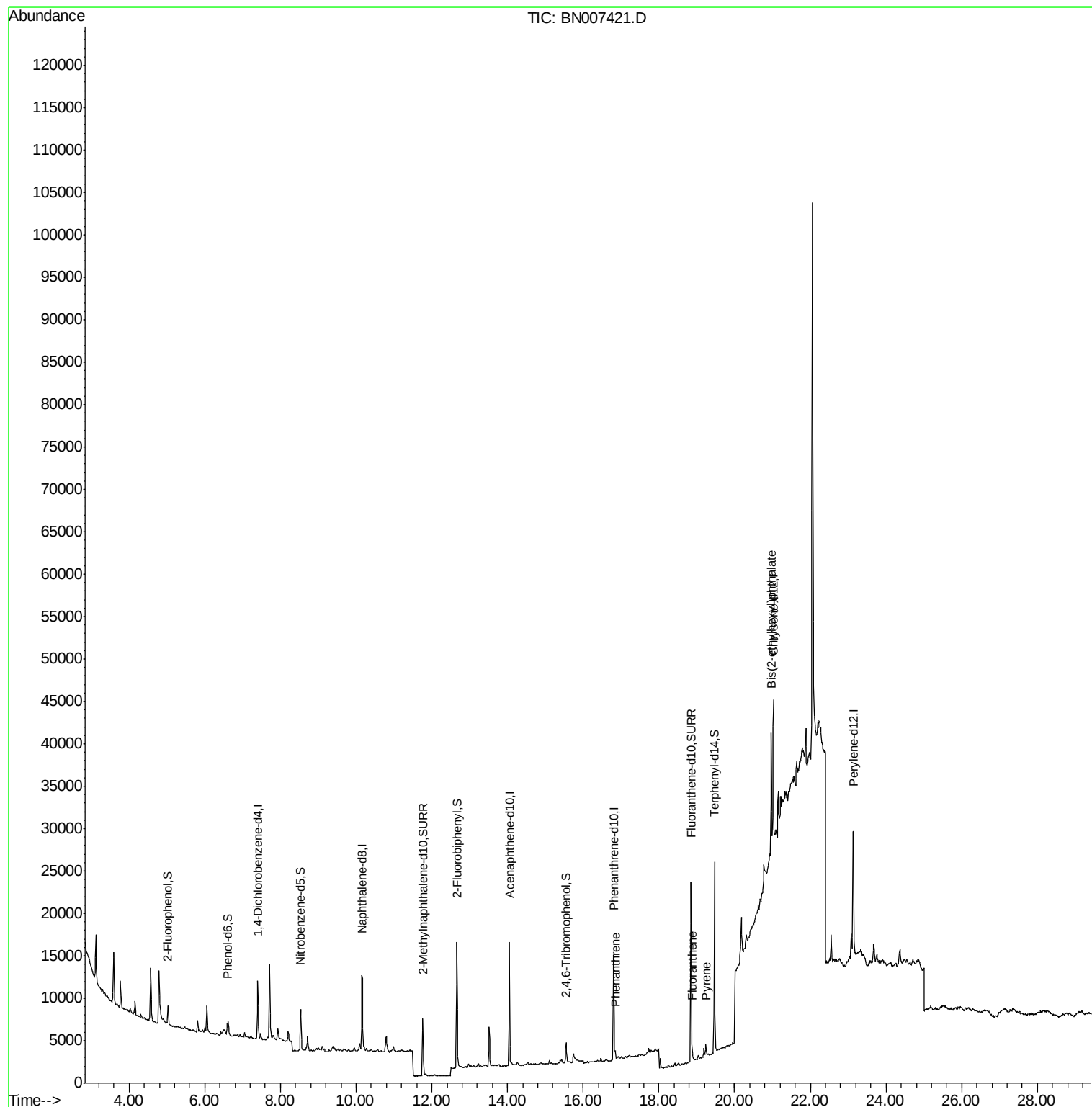
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3332	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14019	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	8645	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	17267	0.40	ng	0.00
27) Chrysene-d12	21.03	240	16331	0.40	ng	0.00
34) Perylene-d12	23.13	264	18323	0.40	ng	0.00
System Monitoring Compounds						
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						
23) Phenanthrene	16.85	178	1238	0.024	ng	Qvalue # 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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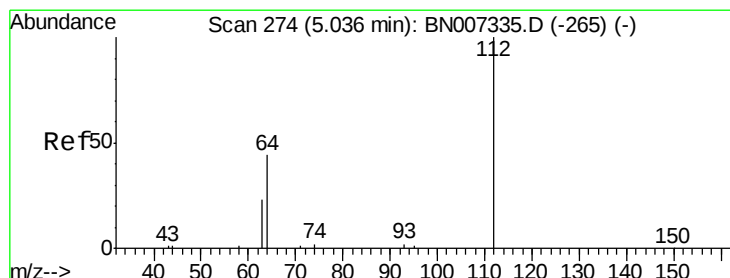
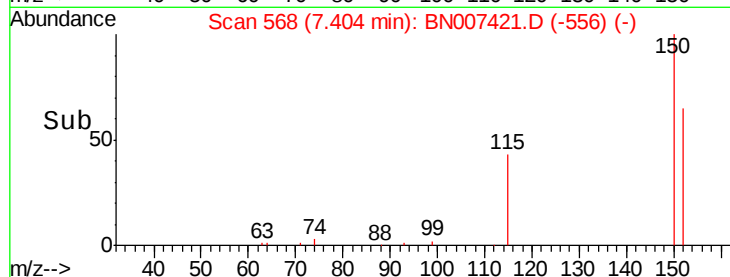
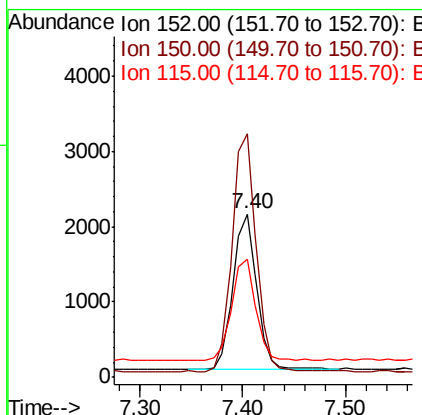
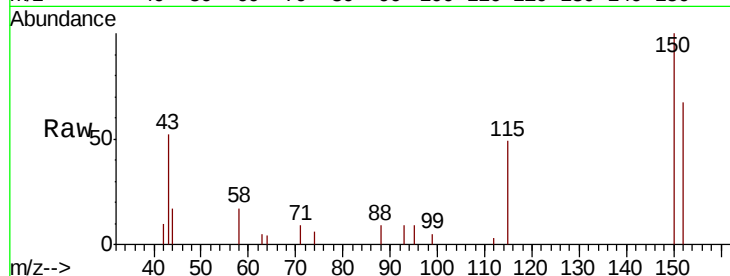


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007421.D
Acq: 26 Aug 2019 22:00

Instrument :
BNA_N
ClientSampleId :
EB-1-082319

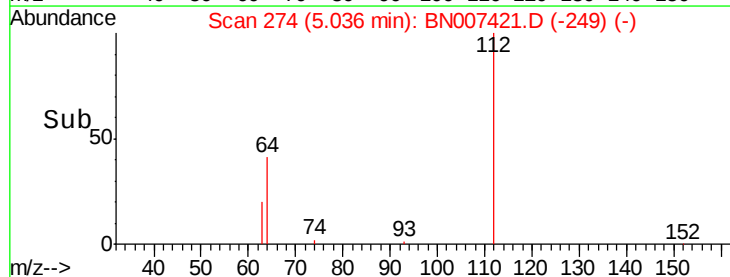
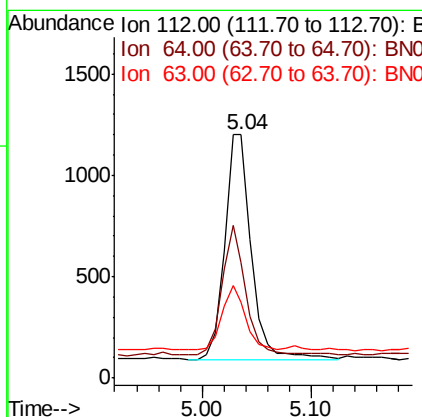
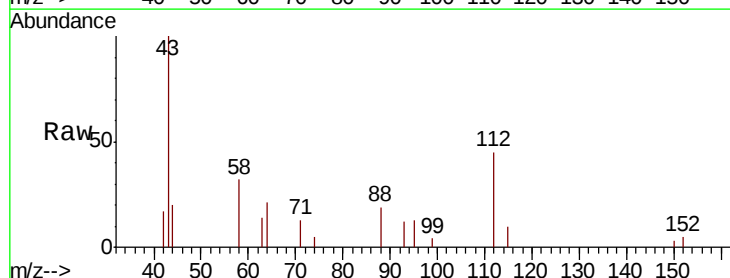
Tot Ion:152 Resp: 3332
Ion Ratio Lower Upper
152 100
150 149.3 109.1 163.7
115 72.5 59.6 89.4

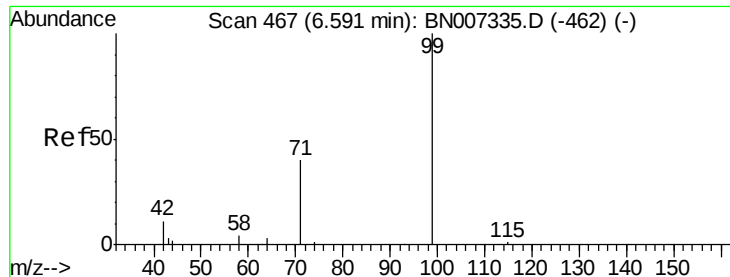


#4

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

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





#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

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

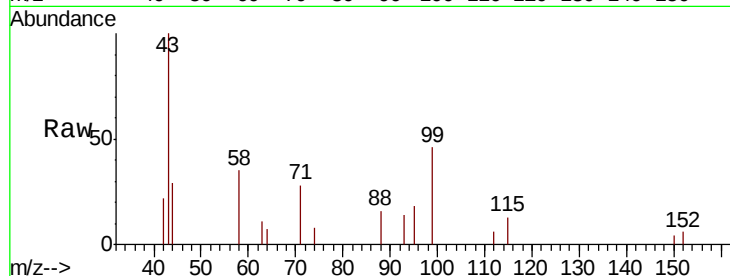
Tot Ion: 99 Resp: 1400

Ion Ratio Lower Upper

99 100

42 18.1 11.2 16.8#

71 35.1 31.8 47.8

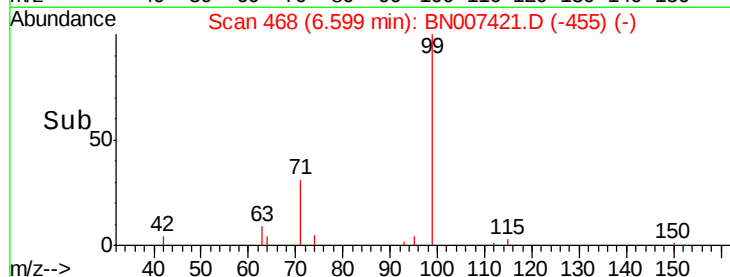


Abundance Ion 99.00 (98.70 to 99.70): BN007335.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007335.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007335.D (-462) (-)

Time-->



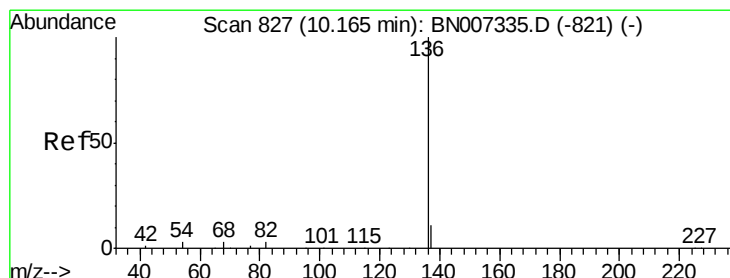
Abundance

Ion 99.00 (98.70 to 99.70): BN007421.D (-455) (-)

Ion 42.00 (41.70 to 42.70): BN007421.D (-455) (-)

Ion 71.00 (70.70 to 71.70): BN007421.D (-455) (-)

Time-->



#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

Tgt Ion: 136 Resp: 14019

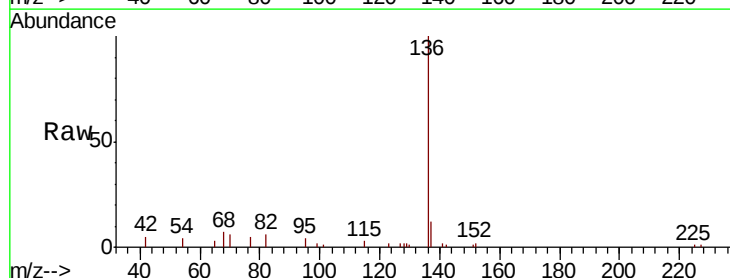
Ion Ratio Lower Upper

136 100

137 11.6 12.9 19.3#

54 4.5 8.6 12.8#

68 6.7 17.0 25.4#



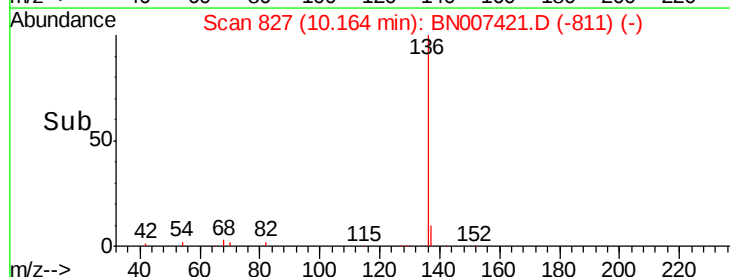
Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

Ion 137.00 (136.70 to 137.70): BN007335.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BN007335.D (-821) (-)

Ion 68.00 (67.70 to 68.70): BN007335.D (-821) (-)

Time-->



Abundance

Ion 136.00 (135.70 to 136.70): BN007421.D (-811) (-)

Ion 137.00 (136.70 to 137.70): BN007421.D (-811) (-)

Ion 54.00 (53.70 to 54.70): BN007421.D (-811) (-)

Ion 68.00 (67.70 to 68.70): BN007421.D (-811) (-)

Time-->



#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

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

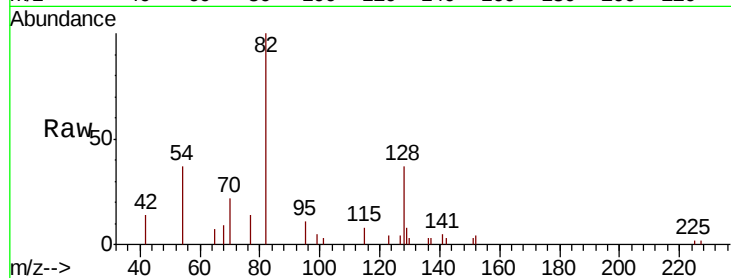
Tot Ion: 82 Resp: 4776

Ion Ratio Lower Upper

82 100

128 37.1 19.7 29.5#

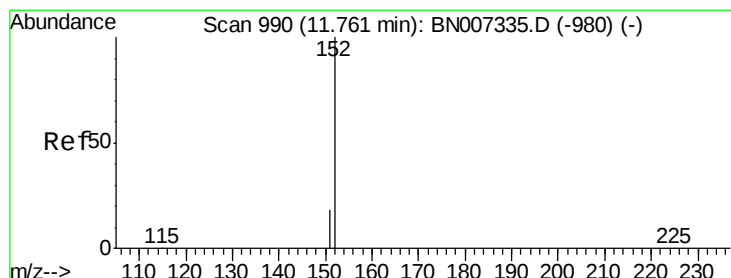
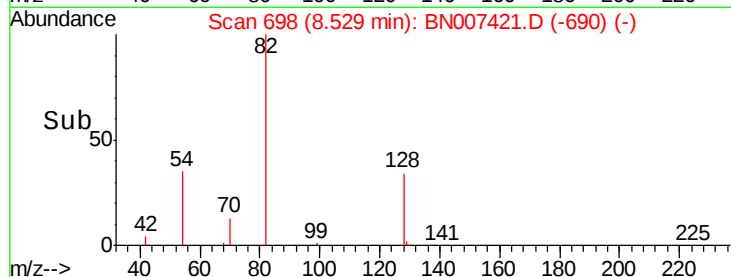
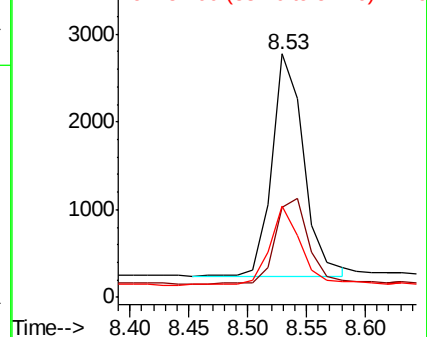
54 37.2 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007421.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007421.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007421.D (-690) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007421.D

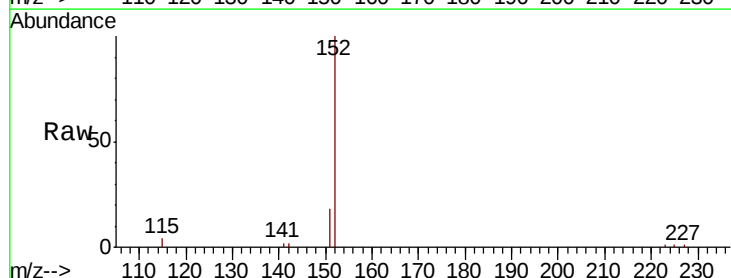
Acq: 26 Aug 2019 22:00

Tgt Ion: 152 Resp: 9953

Ion Ratio Lower Upper

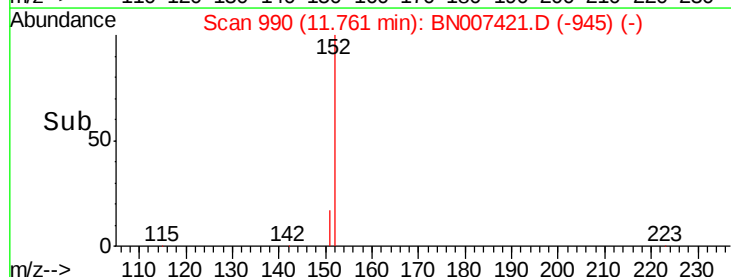
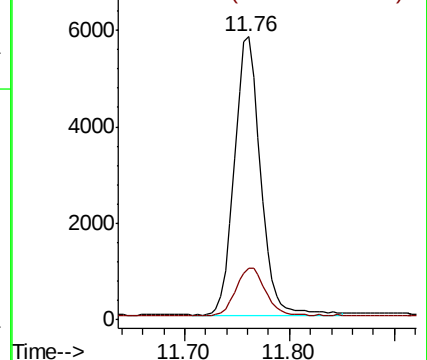
152 100

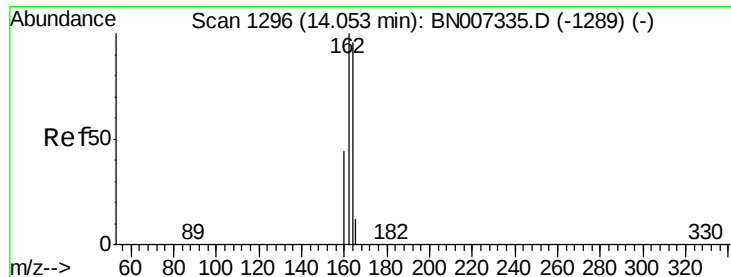
151 19.6 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007421.D (-945) (-)

Ion 151.00 (150.70 to 151.70): BN007421.D (-945) (-)





#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

Instrument :

BNA_N

ClientSampleId :

EB-1-082319

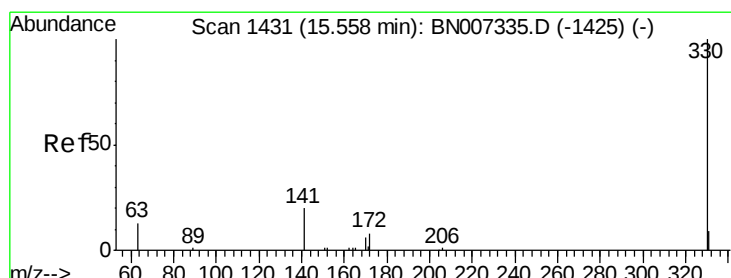
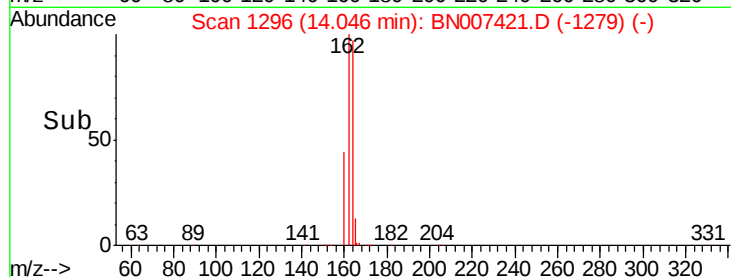
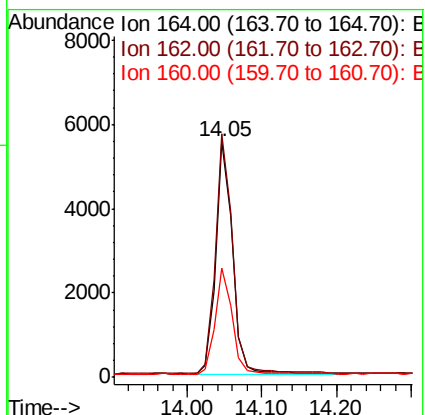
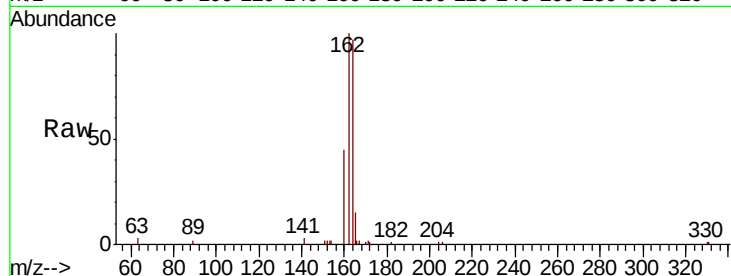
Tot Ion:164 Resp: 8645

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 46.5 38.2 57.4



#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

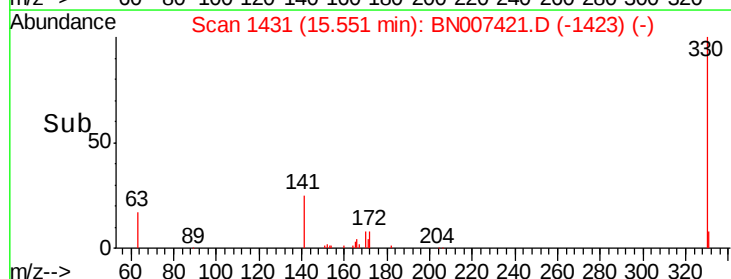
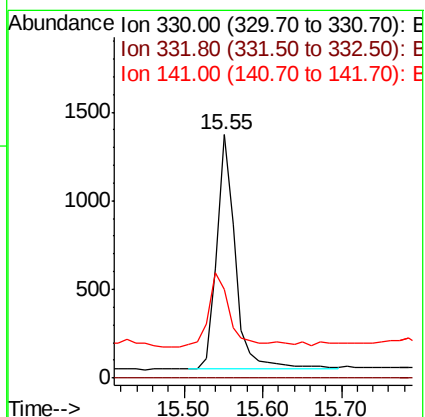
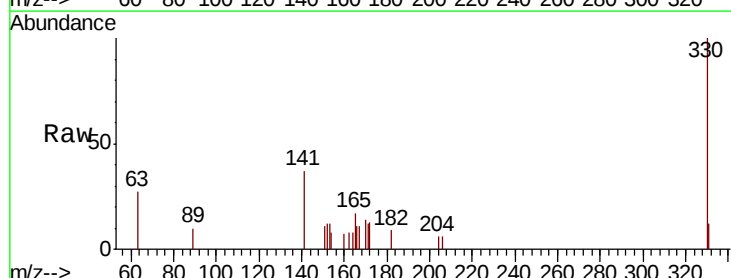
Tgt Ion:330 Resp: 2205

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.9 26.9 40.3

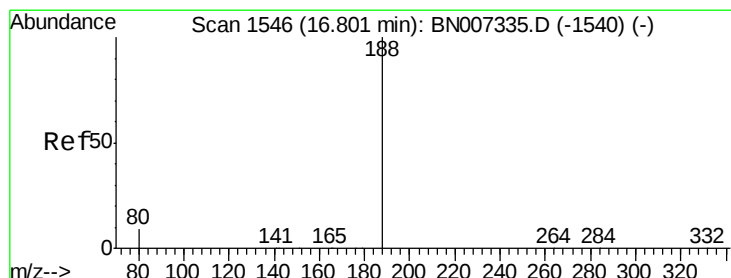
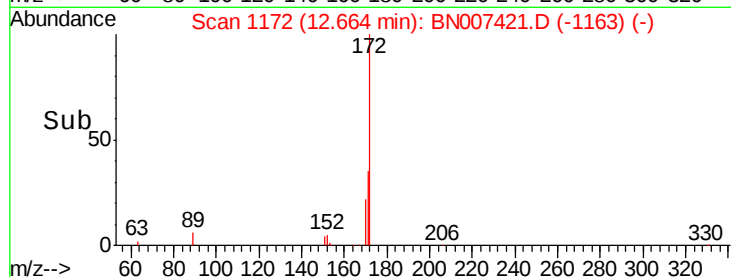
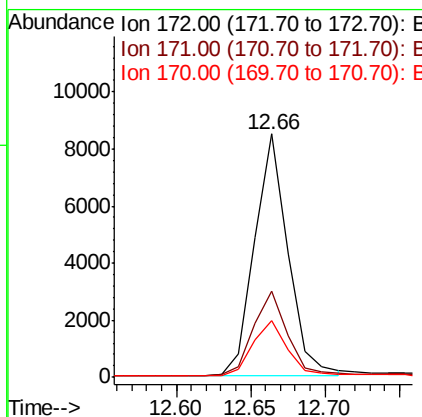
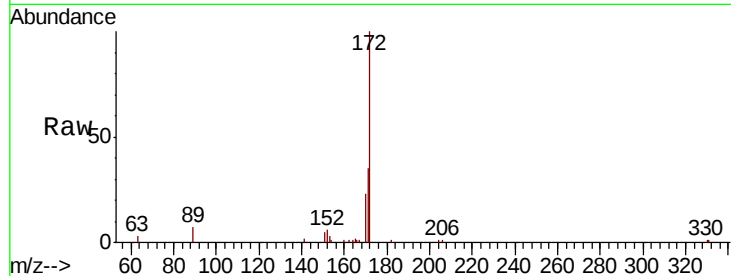




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.66 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN007421.D
Acq: 26 Aug 2019 22:00

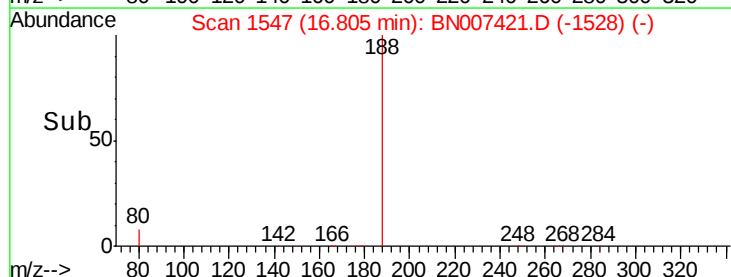
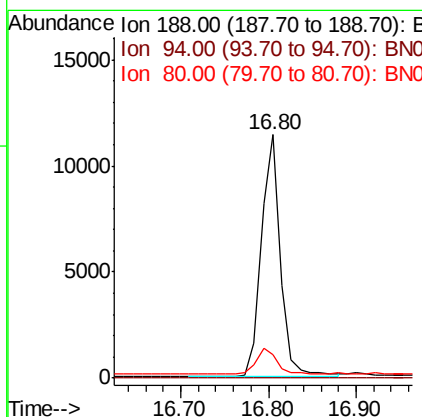
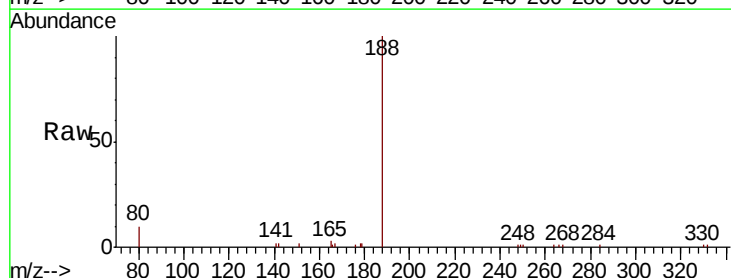
Instrument :
BNA_N
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EB-1-082319

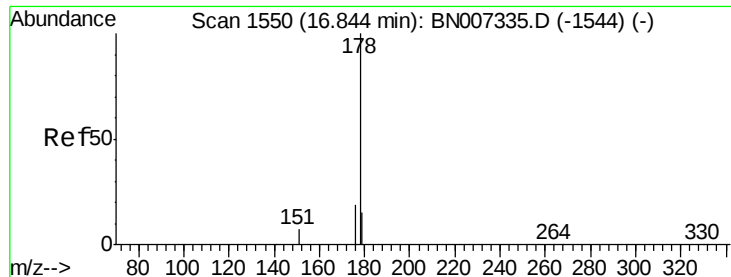
Tot Ion:172 Resp: 13194
Ion Ratio Lower Upper
172 100
171 35.4 30.3 45.5
170 23.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BN007421.D
Acq: 26 Aug 2019 22:00

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#





#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

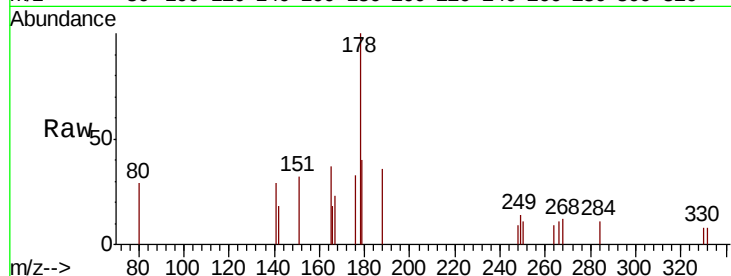
Tot Ion:178 Resp: 1238

Ion Ratio Lower Upper

178 100

176 17.0 15.3 22.9

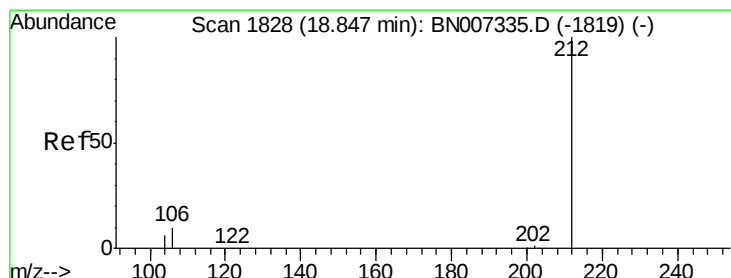
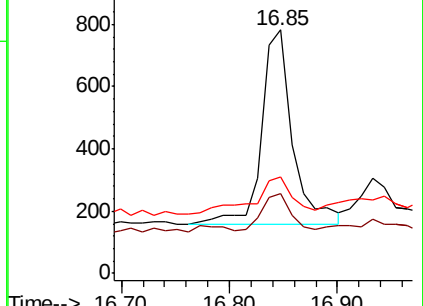
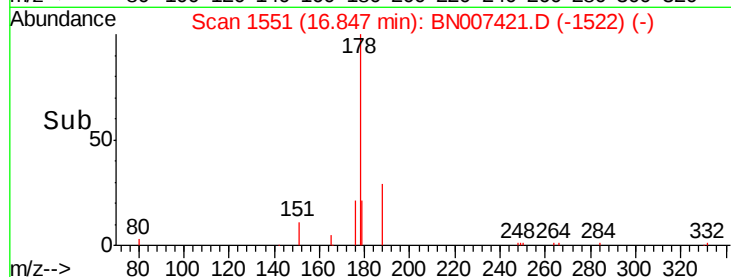
179 23.4 12.6 19.0#



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

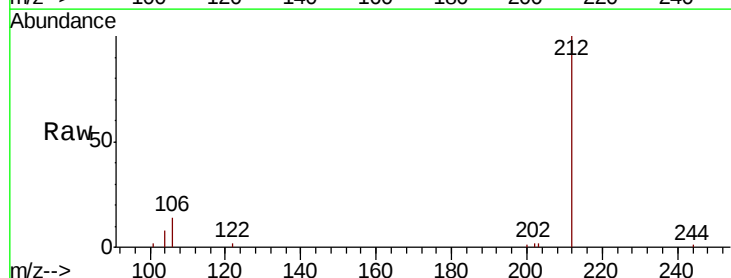
Tgt Ion:212 Resp: 25263

Ion Ratio Lower Upper

212 100

106 11.7 9.0 13.4

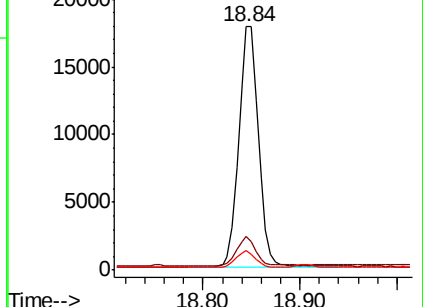
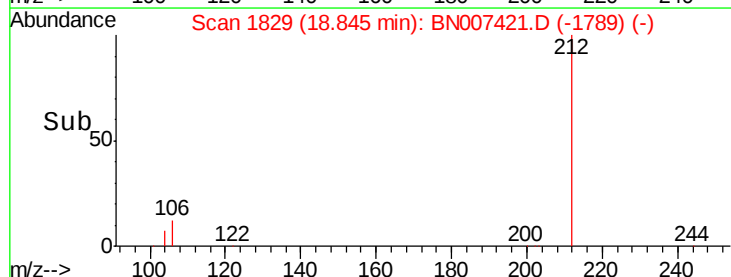
104 6.5 5.4 8.2

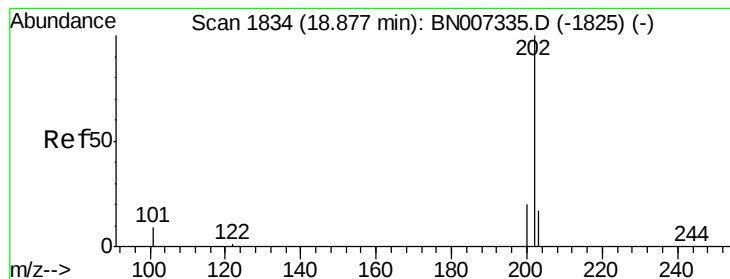


Abundance Ion 212.00 (211.70 to 212.70): E

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

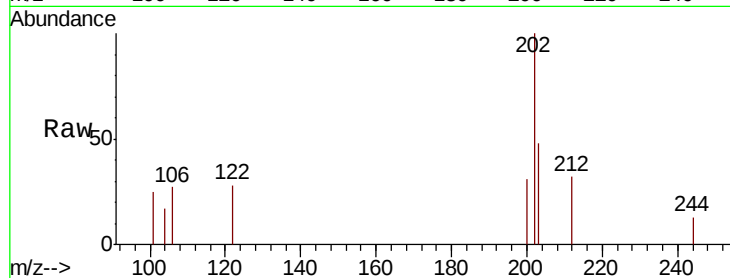
Tot Ion:202 Resp: 1767

Ion Ratio Lower Upper

202 100

101 8.0 7.7 11.5

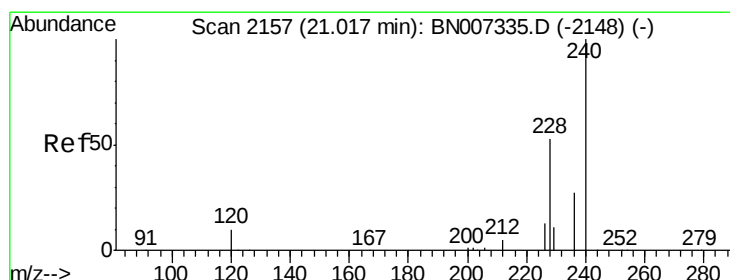
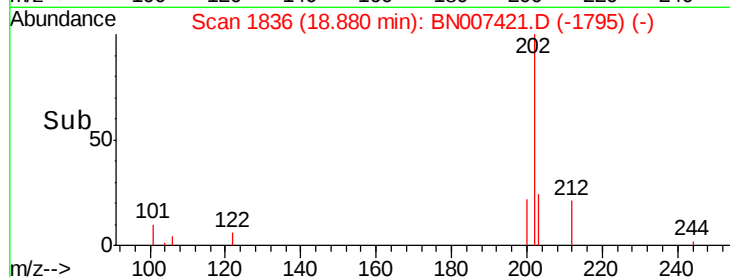
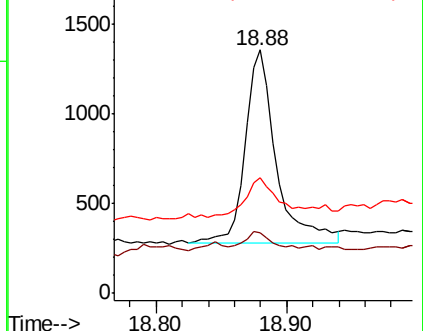
203 19.4 13.7 20.5



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: 21.03 min Scan# 2159

Delta R.T. 0.01 min

Lab File: BN007421.D

Acq: 26 Aug 2019 22:00

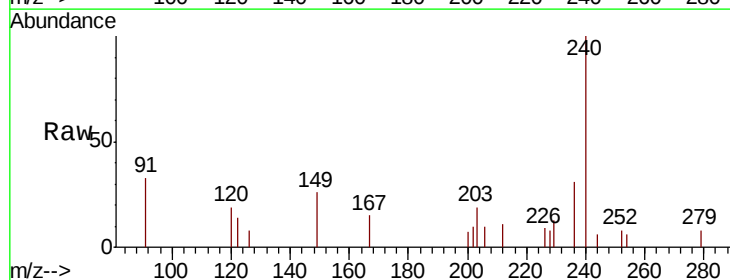
Tgt Ion:240 Resp: 16331

Ion Ratio Lower Upper

240 100

120 18.9 9.6 14.4#

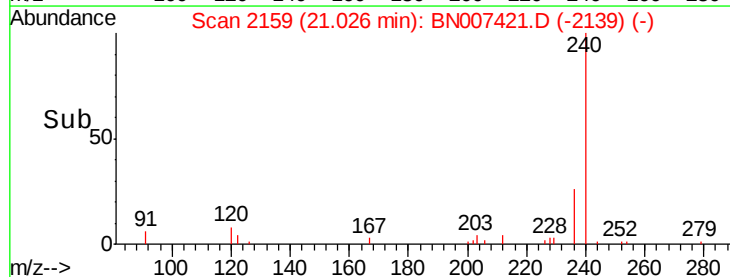
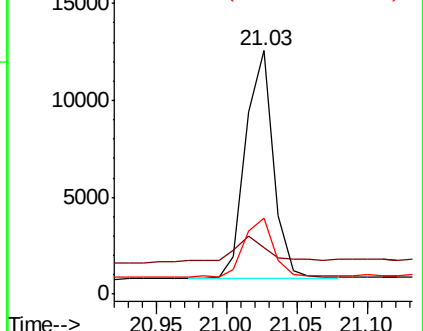
236 31.4 22.2 33.2

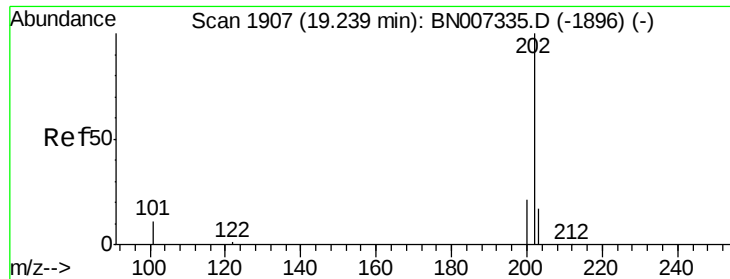


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

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

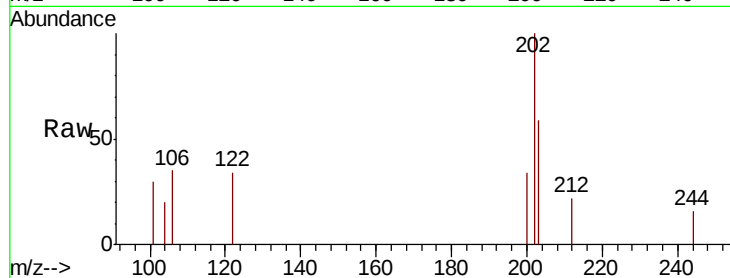
Tot Ion:202 Resp: 1701

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

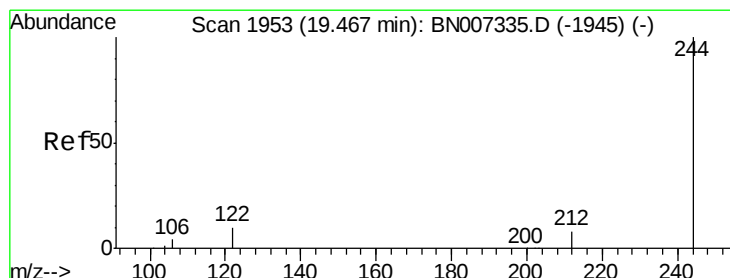
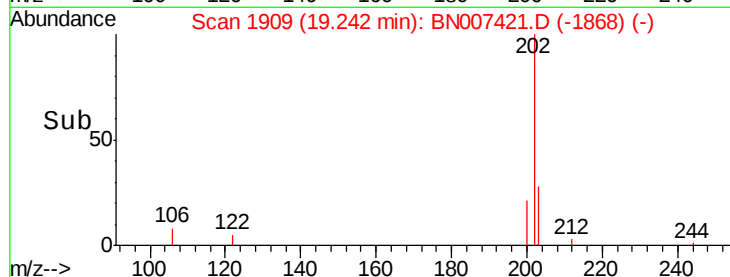
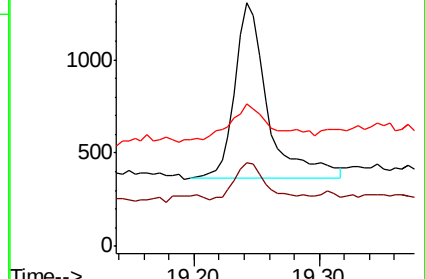
203 25.7 14.2 21.4#



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

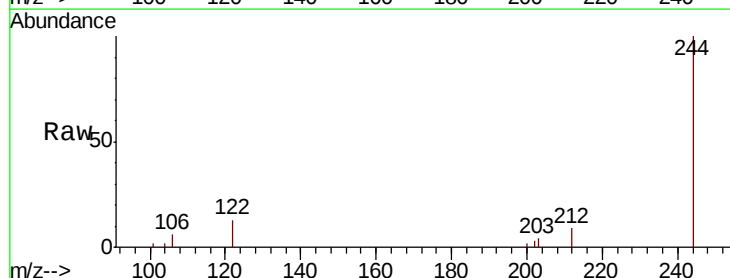
Tgt Ion:244 Resp: 23404

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

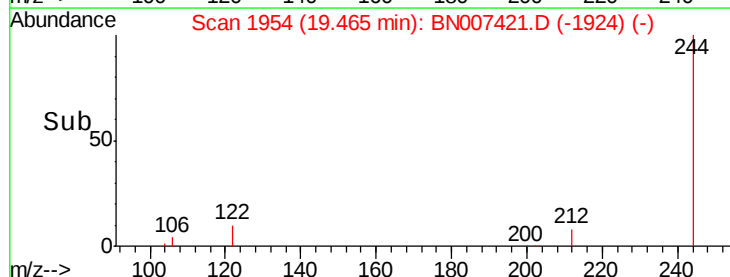
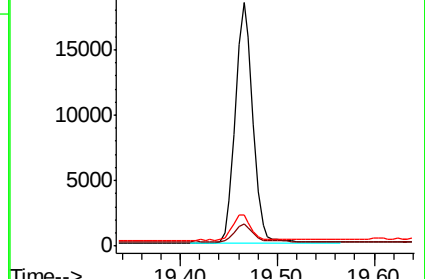
122 12.7 9.6 14.4

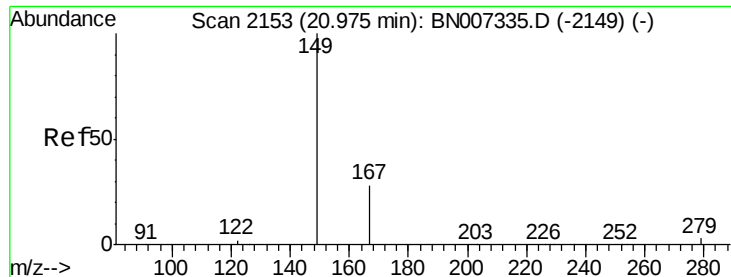


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

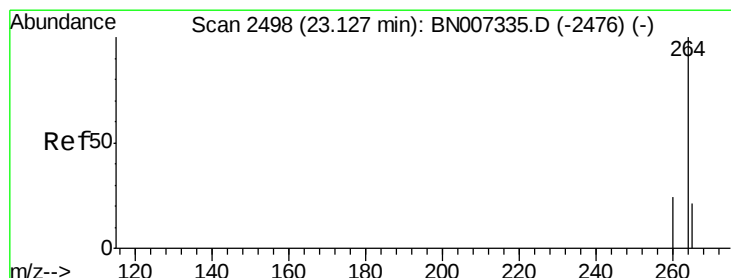
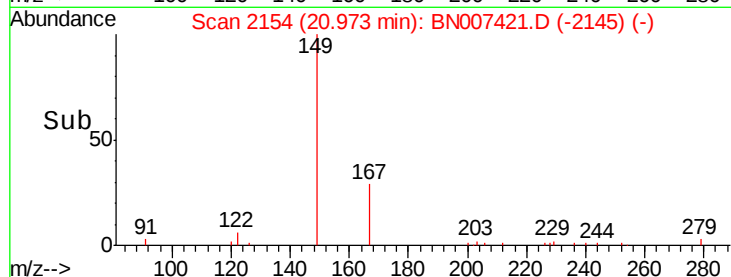
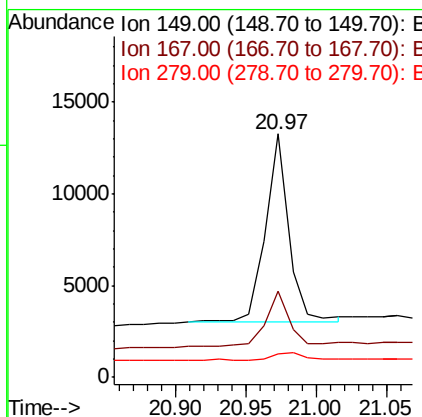
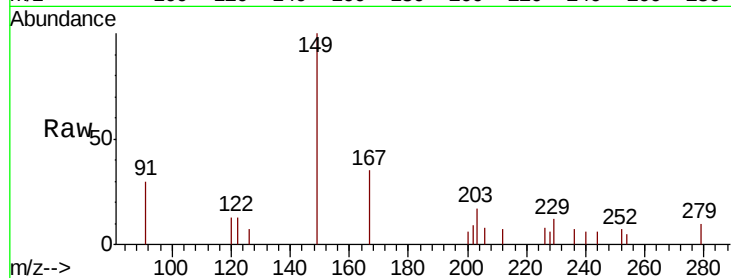




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.267 ng
 RT: 20.97 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BN007421.D
 Acq: 26 Aug 2019 22:00

Instrument :
 BNA_N
 ClientSampleId :
 EB-1-082319

Tot Ion:149 Resp: 11877
 Ion Ratio Lower Upper
 149 100
 167 30.6 22.8 34.2
 279 5.9 3.5 5.3#



#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#

