

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082619\
 Data File : BN007422.D
 Acq On : 26 Aug 2019 22:36
 Operator : HP/JU
 Sample : K4515-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-2-082319

Quant Time: Aug 27 07:18:25 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

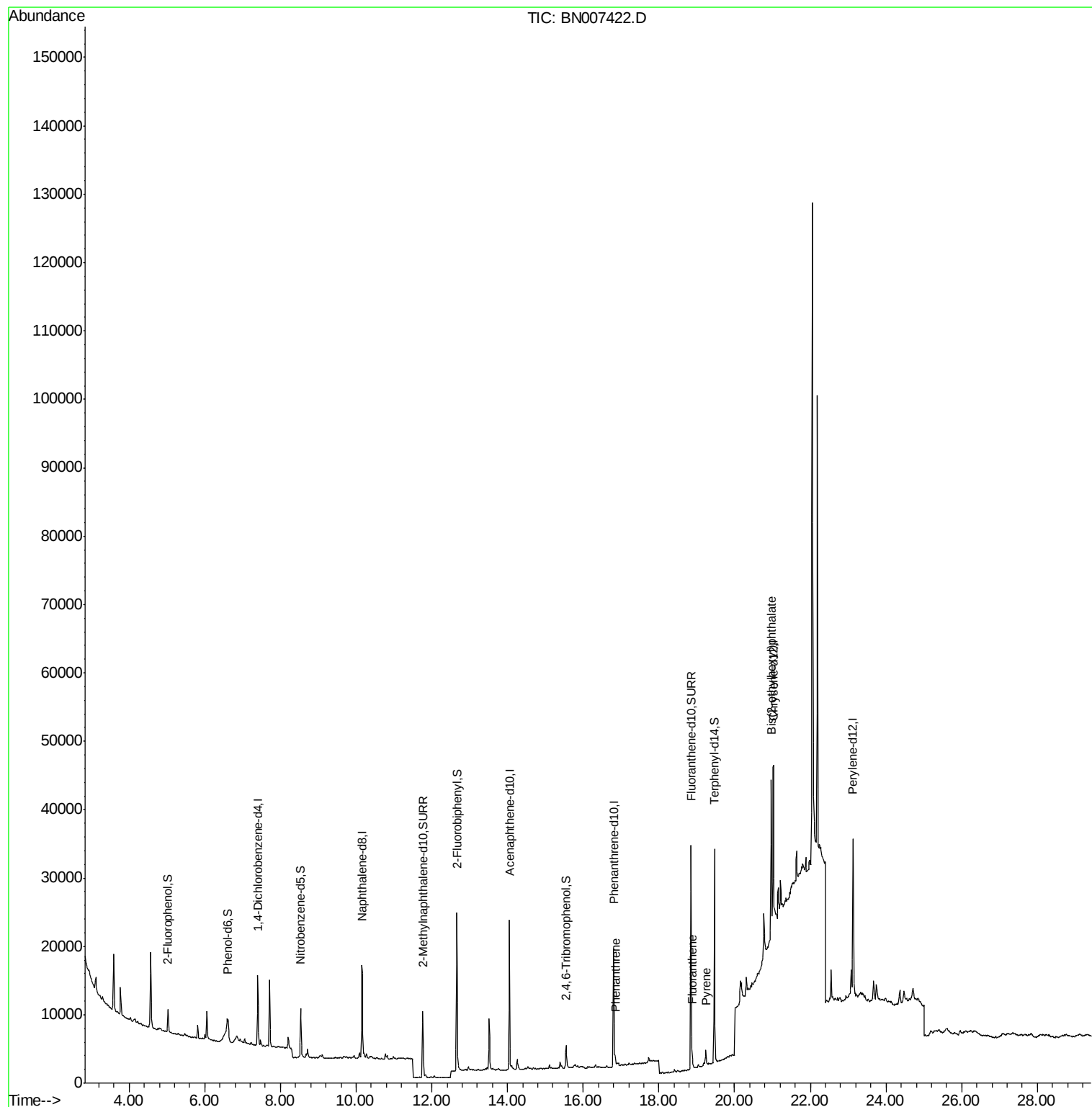
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5035	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	20766	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	12739	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	25387	0.40	ng	0.00
27) Chrysene-d12	21.03	240	26233	0.40	ng	0.00
34) Perylene-d12	23.13	264	27511	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	2810	0.14	ng	0.00
5) Phenol-d6	6.60	99	2129	0.07	ng	0.00
8) Nitrobenzene-d5	8.53	82	6799	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	14483	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	3216	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	21070	0.41	ng	0.00
25) Fluoranthene-d10	18.84	212	38041	0.47	ng	0.00
29) Terphenyl-d14	19.47	244	31672	0.46	ng	0.00
Target Compounds						
23) Phenanthrene	16.85	178	1550	0.020	ng	# 89
26) Fluoranthene	18.88	202	2611	0.027	ng	# 93
28) Pyrene	19.24	202	2385	0.023	ng	# 83
32) Bis(2-ethylhexyl)phthalate	20.97	149	21404	0.302	ng	# 99

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

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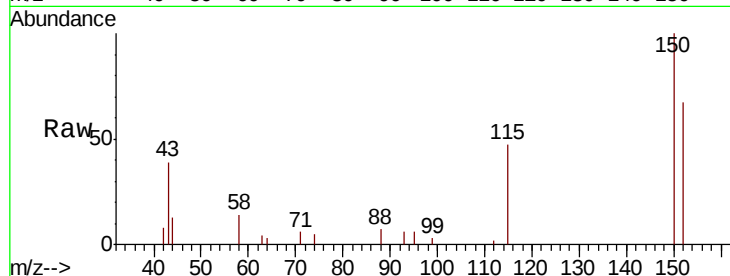


#1

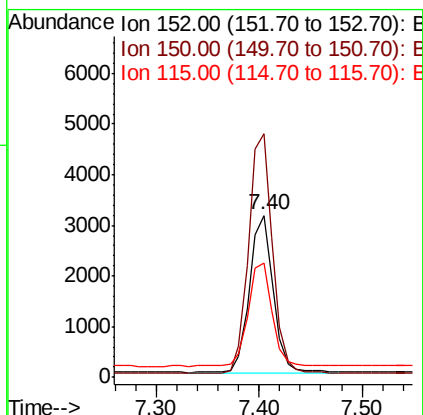
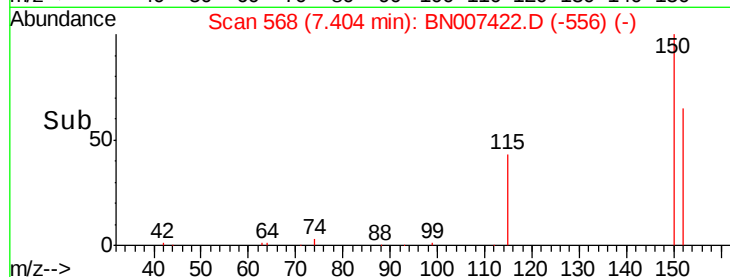
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007422.D
Acq: 26 Aug 2019 22:36

Instrument :
BNA_N
ClientSampleId :
EB-2-082319

Tot Ion:152 Resp: 5035
Ion Ratio Lower Upper
152 100
150 150.2 109.1 163.7
115 70.2 59.6 89.4



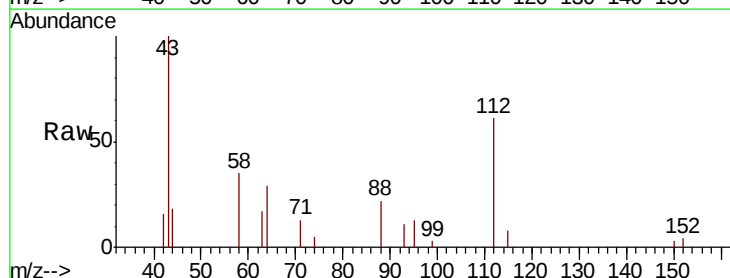
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



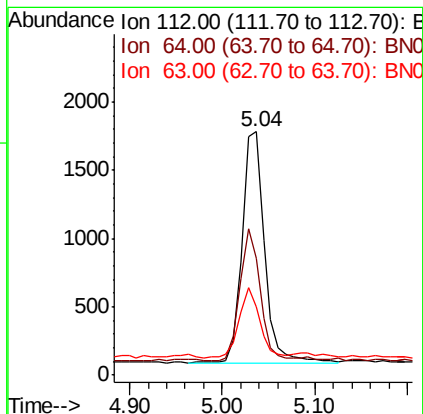
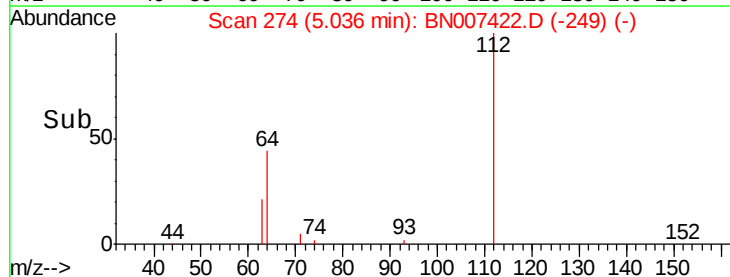
#4

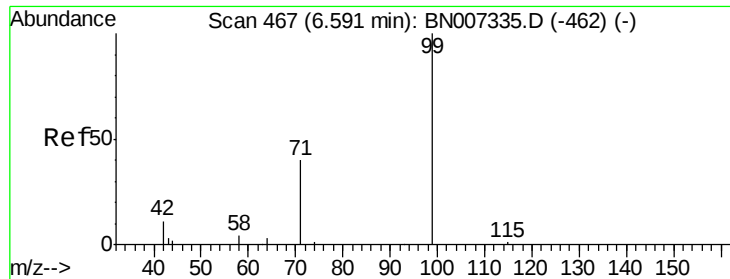
2-Fluorophenol
Concen: 0.143 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007422.D
Acq: 26 Aug 2019 22:36

Tgt Ion:112 Resp: 2810
Ion Ratio Lower Upper
112 100
64 51.6 42.3 63.5
63 27.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.071 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

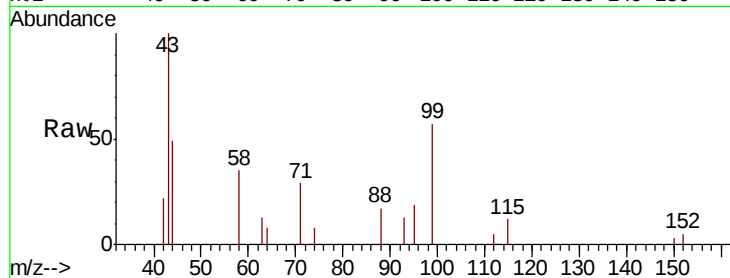
Tot Ion: 99 Resp: 2129

Ion Ratio Lower Upper

99 100

42 37.6 11.2 16.8#

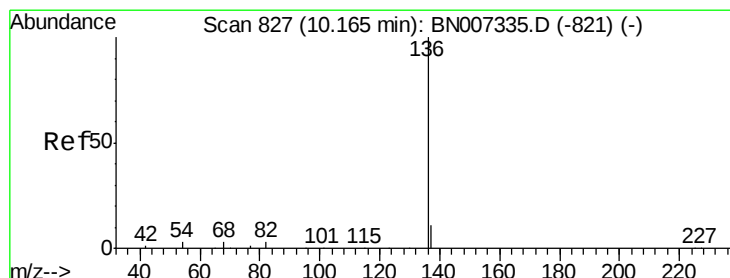
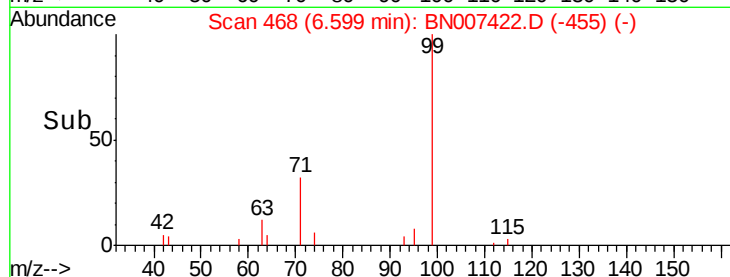
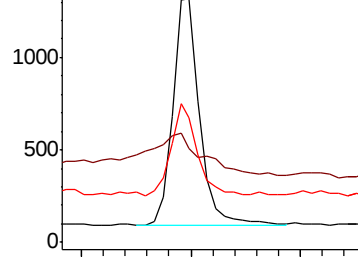
71 38.7 31.8 47.8



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Tgt Ion: 136 Resp: 20766

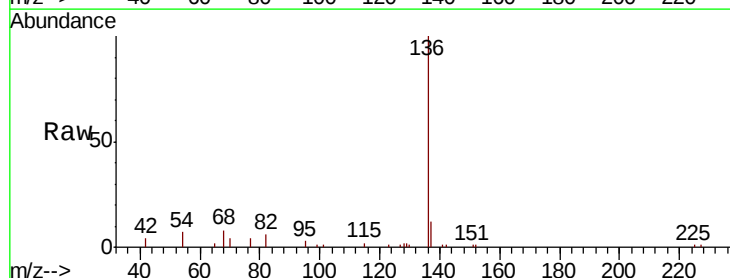
Ion Ratio Lower Upper

136 100

137 11.7 12.9 19.3#

54 6.5 8.6 12.8#

68 8.4 17.0 25.4#

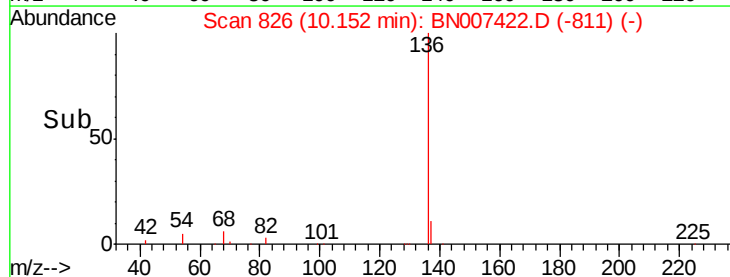
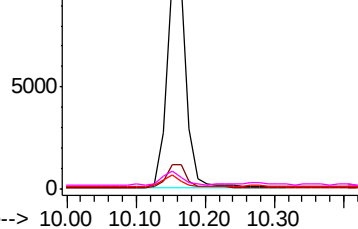


Abundance Ion 136.00 (135.70 to 136.70): BN007335.D (-821) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.376 ng

RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

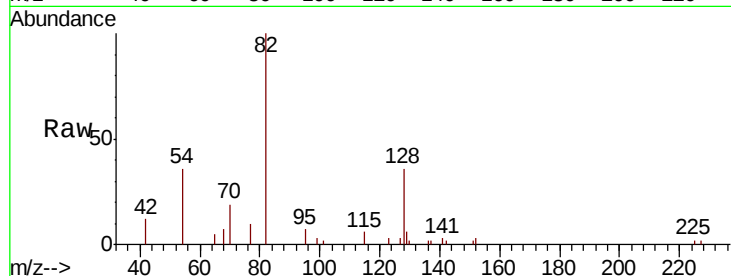
Tot Ion: 82 Resp: 6799

Ion Ratio Lower Upper

82 100

128 35.9 19.7 29.5#

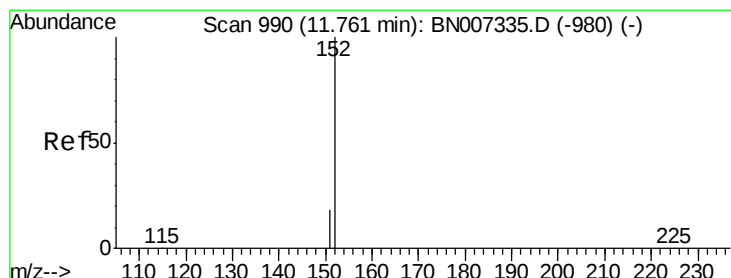
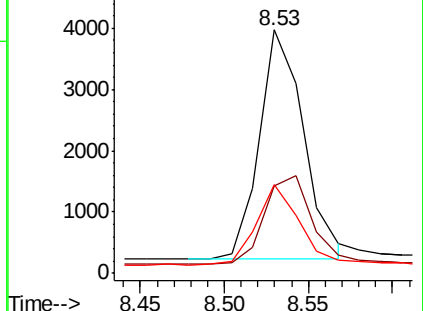
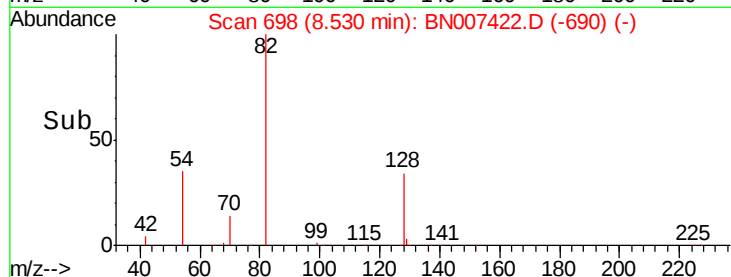
54 36.3 25.8 38.6



Abundance Ion 82.00 (81.70 to 82.70): BN007422.D (-690) (-)

Ion 128.00 (127.70 to 128.70): BN007422.D (-690) (-)

Ion 54.00 (53.70 to 54.70): BN007422.D (-690) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 11.76 min Scan# 990

Delta R.T. -0.00 min

Lab File: BN007422.D

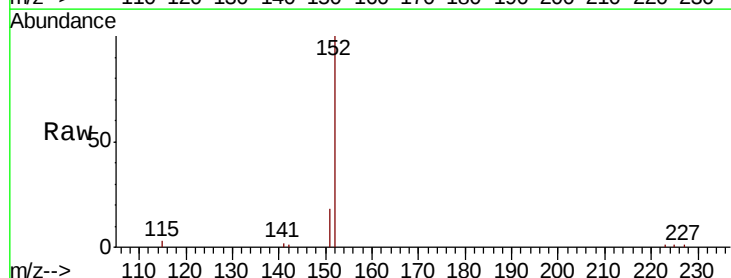
Acq: 26 Aug 2019 22:36

Tgt Ion: 152 Resp: 14483

Ion Ratio Lower Upper

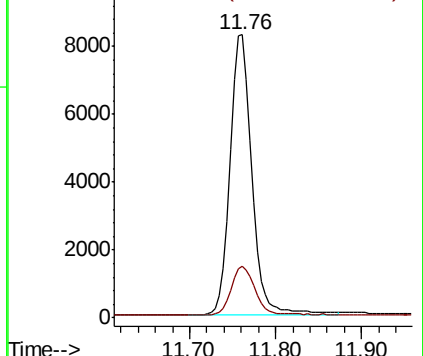
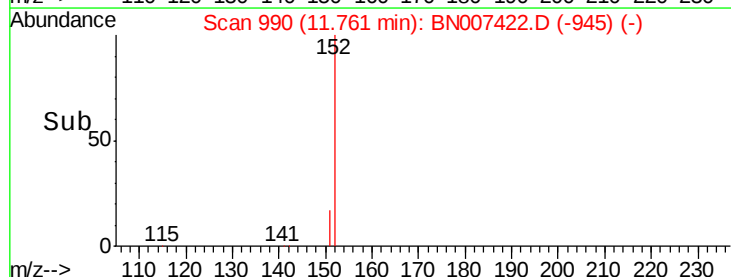
152 100

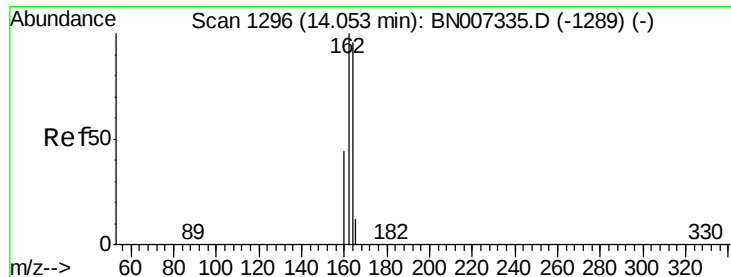
151 19.1 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): BN007422.D (-945) (-)

Ion 151.00 (150.70 to 151.70): BN007422.D (-945) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

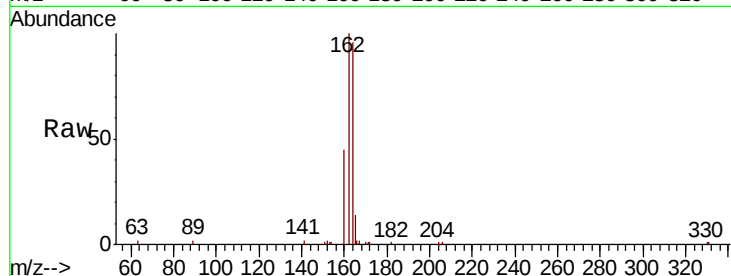
Tot Ion:164 Resp: 12739

Ion Ratio Lower Upper

164 100

162 103.9 83.5 125.3

160 46.9 38.2 57.4

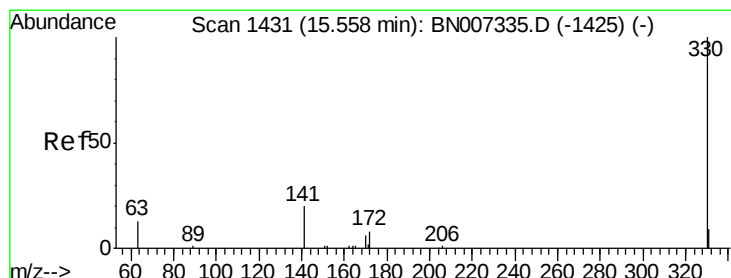
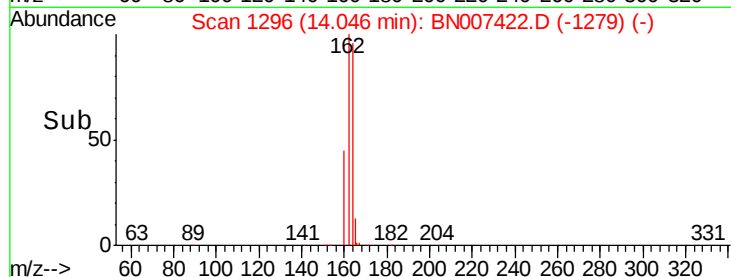
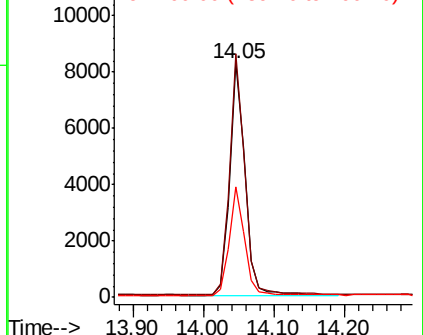


Abundance

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



#14

2,4,6-Tribromophenol

Concen: 0.483 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

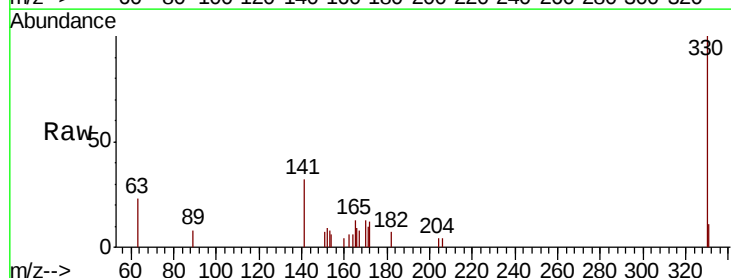
Tgt Ion:330 Resp: 3216

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 34.0 26.9 40.3

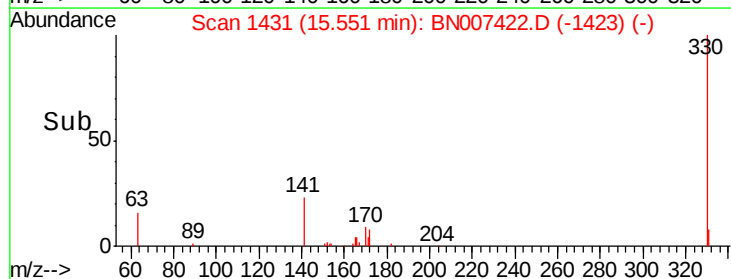
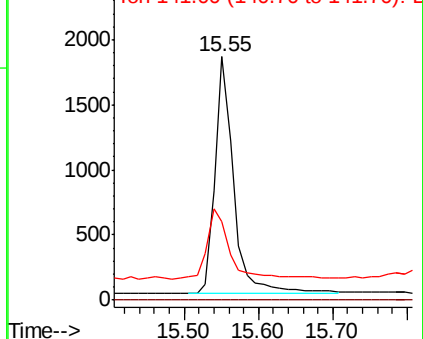


Abundance

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: 0.410 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

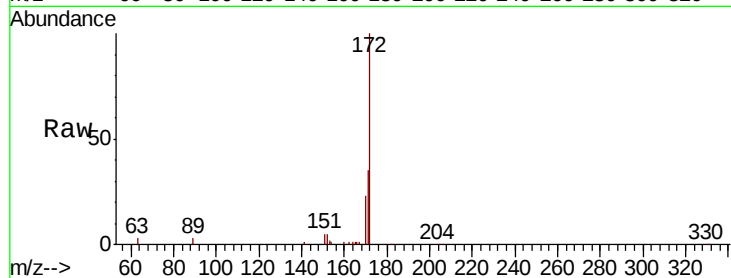
Tot Ion:172 Resp: 21070

Ion Ratio Lower Upper

172 100

171 34.9 30.3 45.5

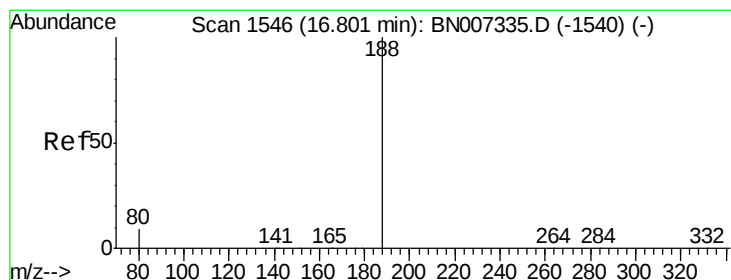
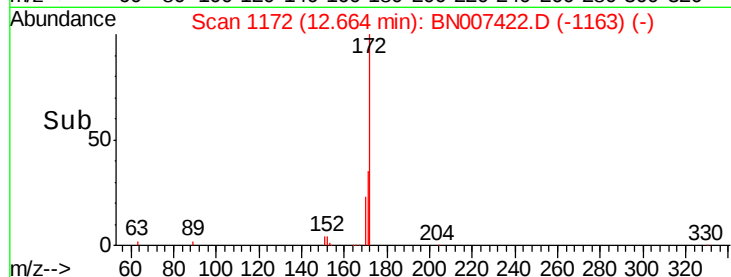
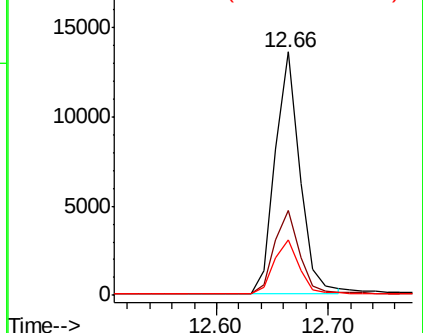
170 23.0 20.7 31.1



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: BN007422.D

Acq: 26 Aug 2019 22:36

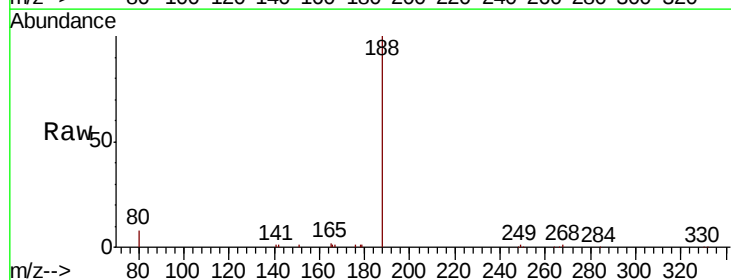
Tgt Ion:188 Resp: 25387

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

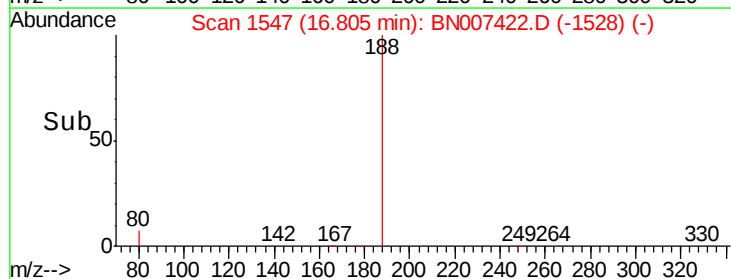
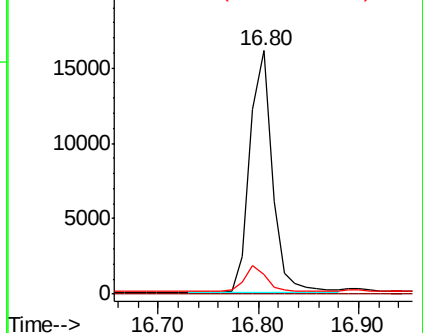
80 8.1 11.8 17.8#

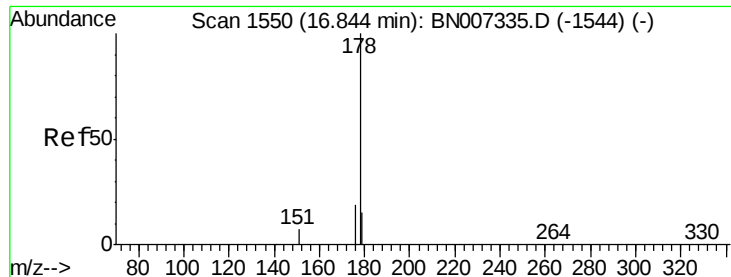


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.020 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

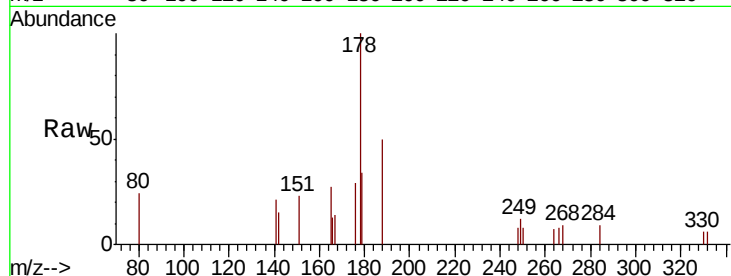
Tot Ion:178 Resp: 1550

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

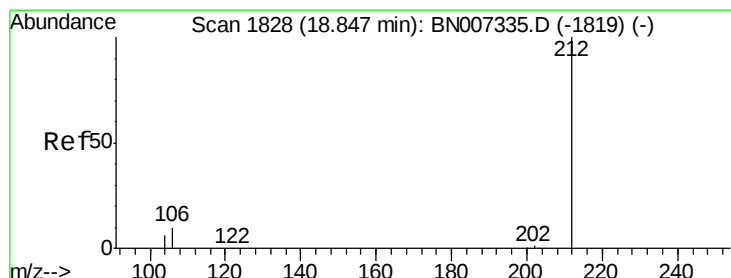
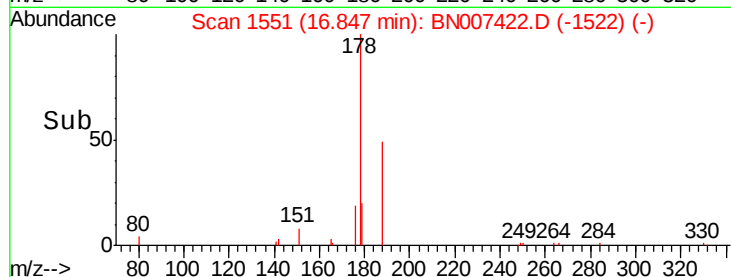
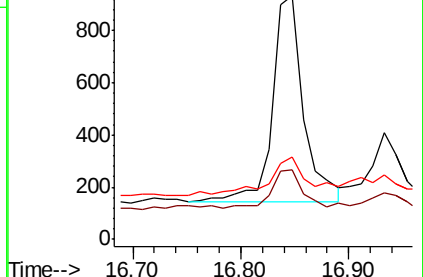
179 26.3 12.6 19.0#



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: 0.465 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

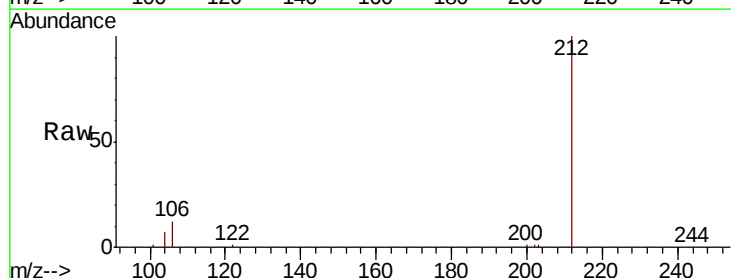
Tgt Ion:212 Resp: 38041

Ion Ratio Lower Upper

212 100

106 11.6 9.0 13.4

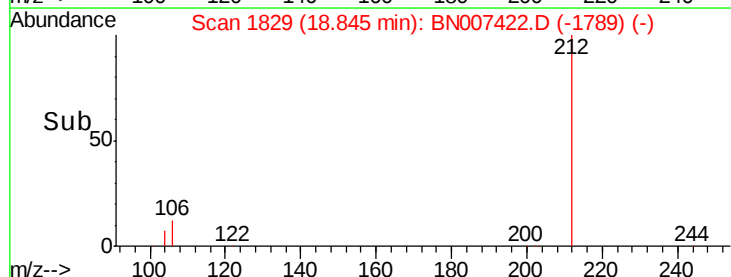
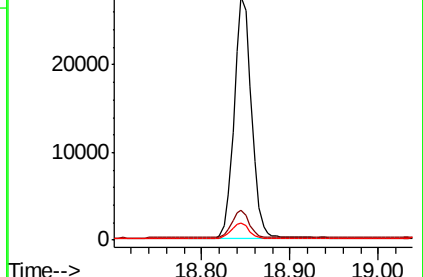
104 6.5 5.4 8.2

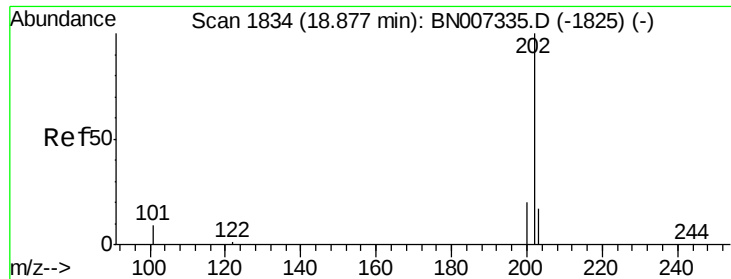


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

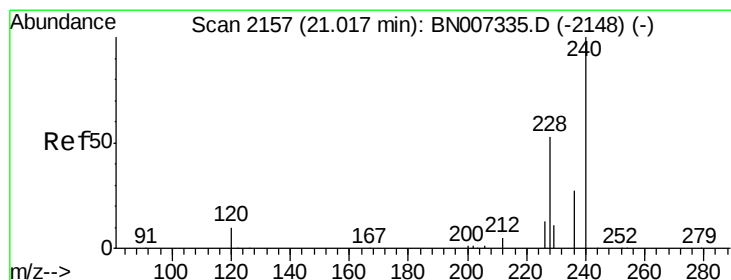
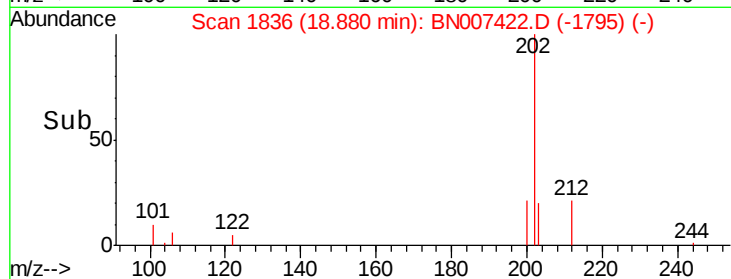
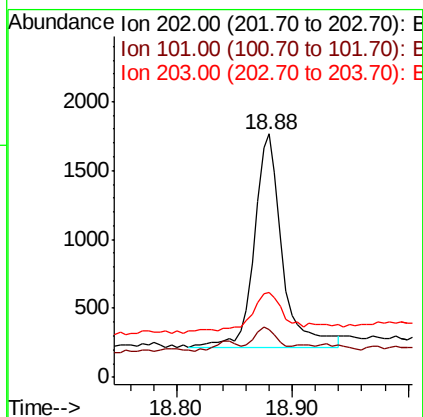
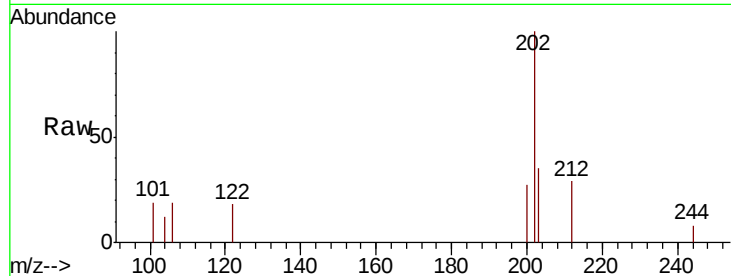




#26
 Fluoranthene
 Concen: 0.027 ng
 RT: 18.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BN007422.D
 Acq: 26 Aug 2019 22:36

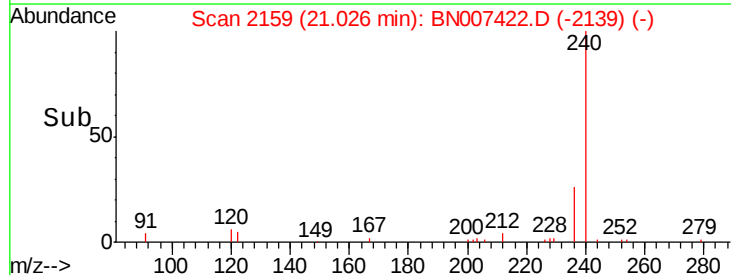
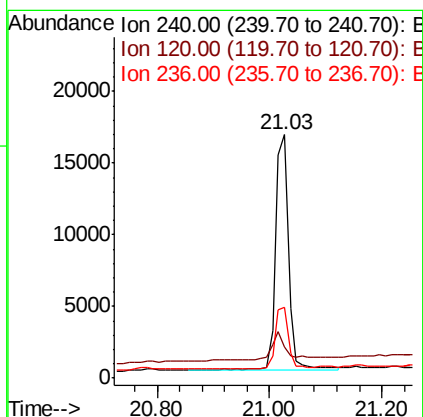
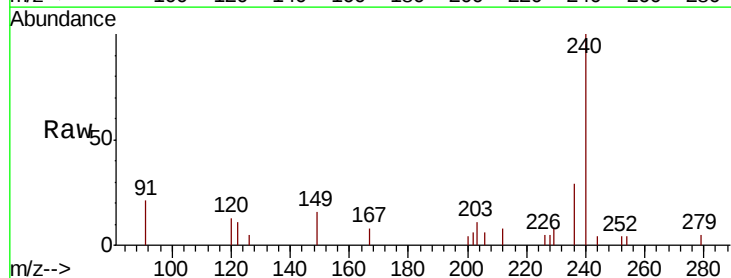
Instrument :
 BNA_N
 ClientSampleId :
 EB-2-082319

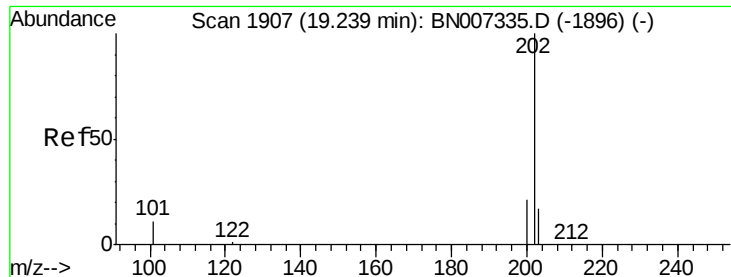
Tot Ion:202 Resp: 2611
 Ion Ratio Lower Upper
 202 100
 101 6.7 7.7 11.5#
 203 19.8 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.03 min Scan# 2159
 Delta R.T. 0.01 min
 Lab File: BN007422.D
 Acq: 26 Aug 2019 22:36

Tgt Ion:240 Resp: 26233
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.6 14.4
 236 29.0 22.2 33.2





#28

Pvrene

Concen: 0.023 ng

RT: 19.24 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

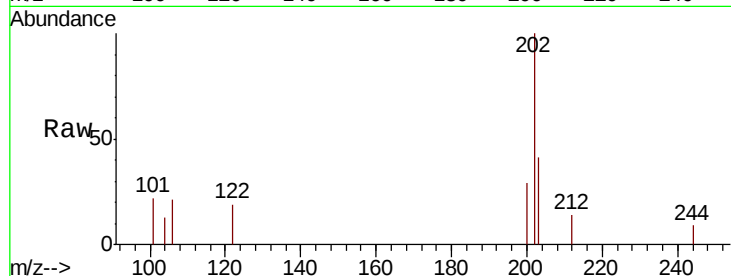
Tot Ion:202 Resp: 2385

Ion Ratio Lower Upper

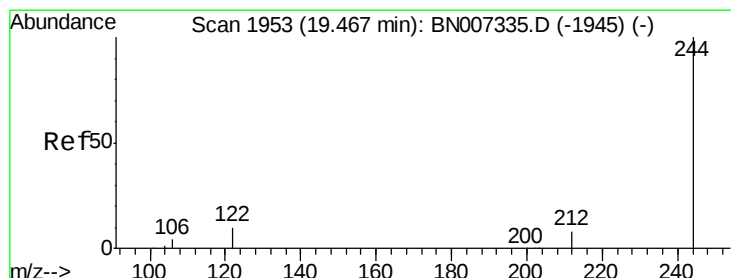
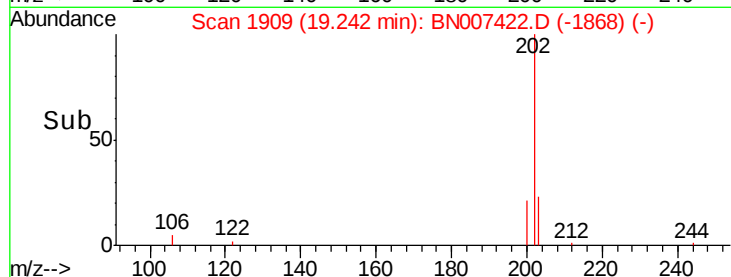
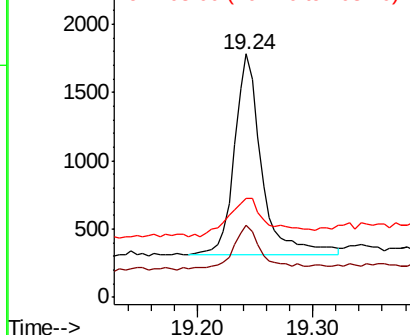
202 100

200 25.5 16.6 25.0#

203 28.7 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: 0.461 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

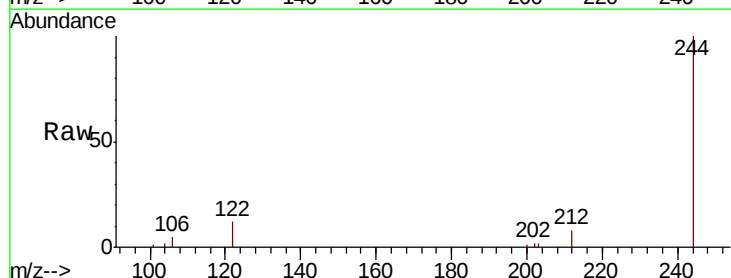
Tgt Ion:244 Resp: 31672

Ion Ratio Lower Upper

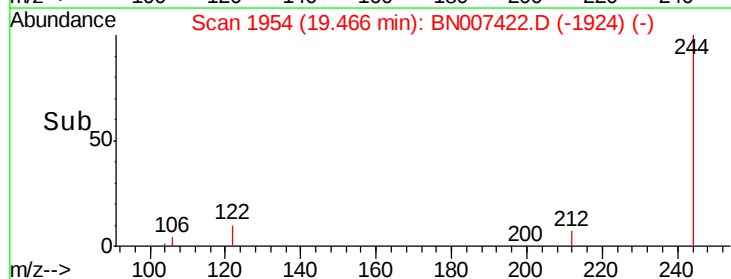
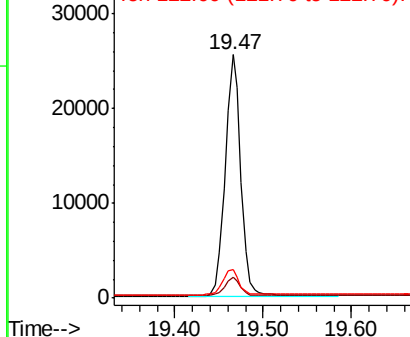
244 100

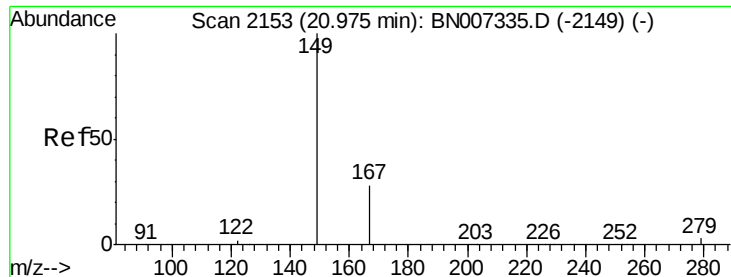
212 8.4 7.0 10.6

122 11.5 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: 0.302 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

Instrument :

BNA_N

ClientSampleId :

EB-2-082319

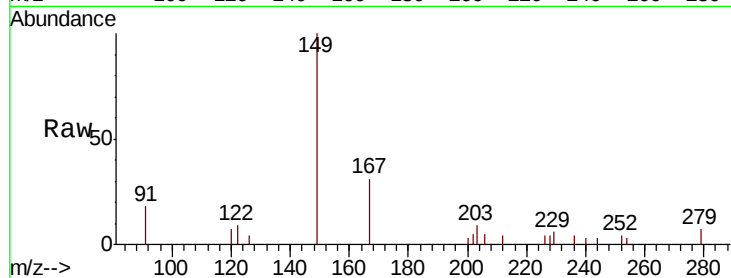
Tot Ion:149 Resp: 21404

Ion Ratio Lower Upper

149 100

167 28.1 22.8 34.2

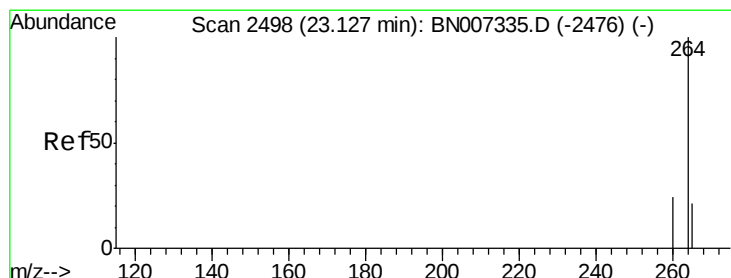
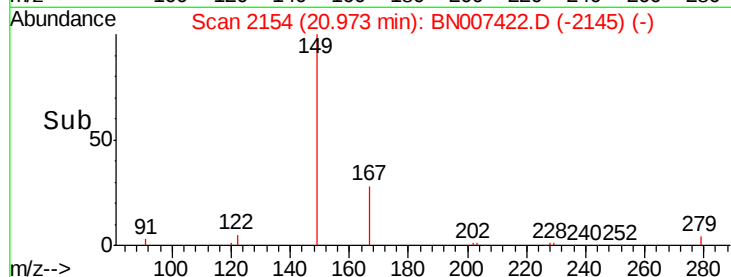
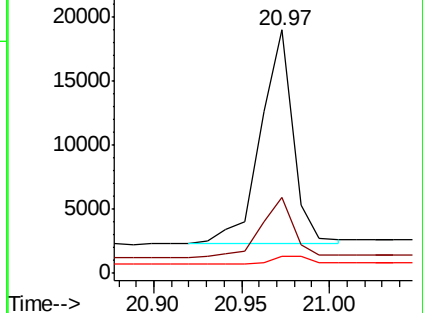
279 5.4 3.5 5.3#



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# 2500

Delta R.T. 0.00 min

Lab File: BN007422.D

Acq: 26 Aug 2019 22:36

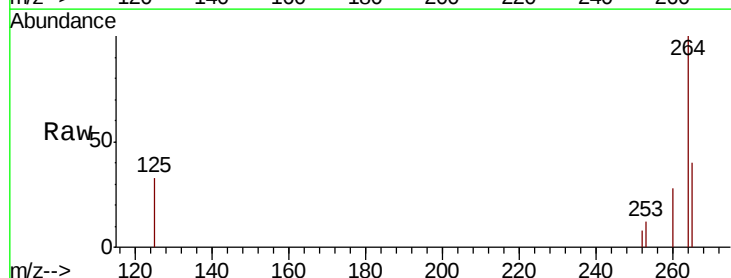
Tgt Ion:264 Resp: 27511

Ion Ratio Lower Upper

264 100

260 28.5 19.7 29.5

265 39.5 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

