

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005127.D
 Acq On : 10 Apr 2019 14:43
 Operator : JU/SJ
 Sample : K2343-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-7-S

Quant Time: Apr 11 08:14:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

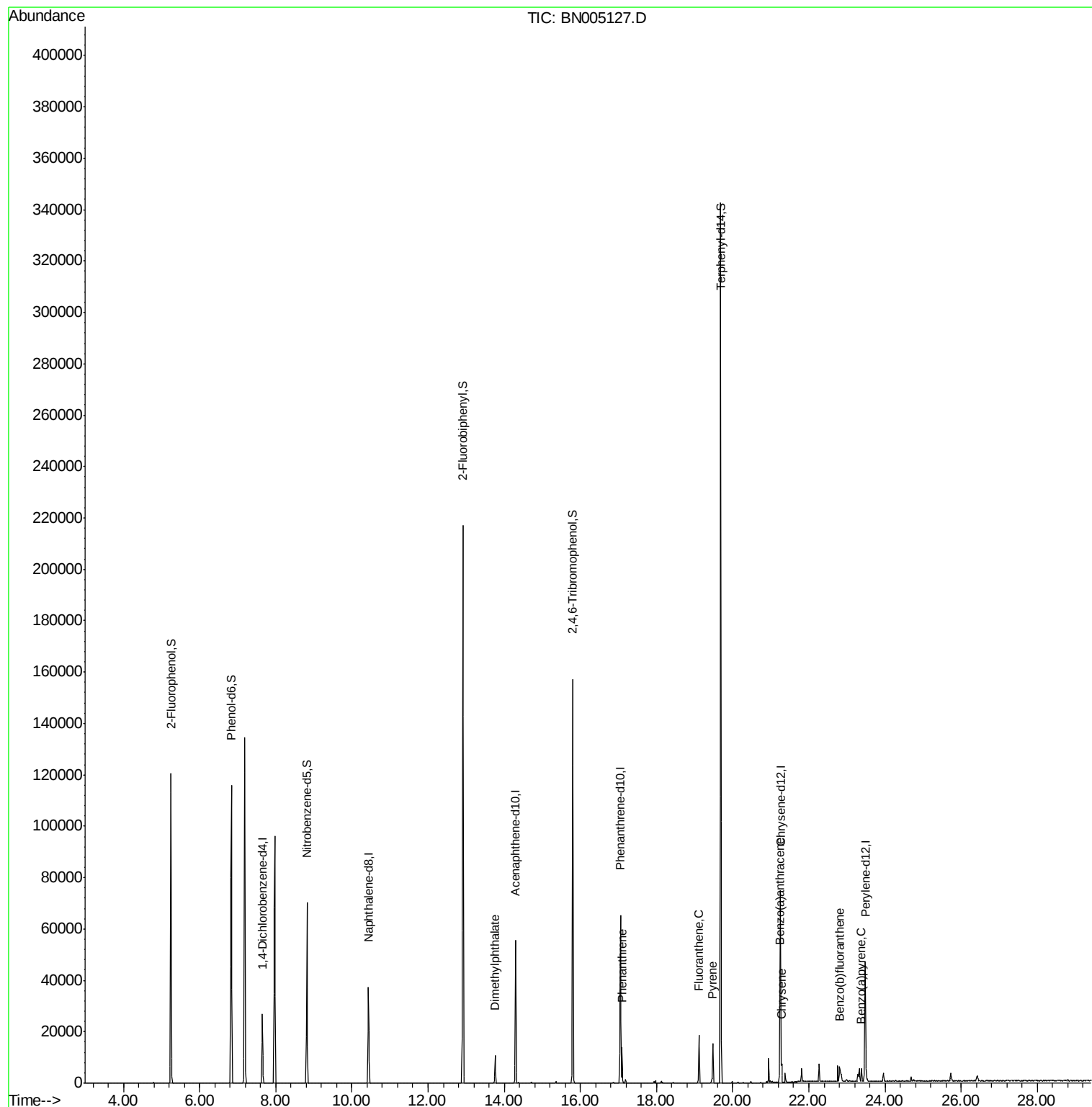
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	8469	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	34723	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	19725	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	42278	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	38299	20.00	ng	-0.02
87) Perylene-d12	23.48	264	37140	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	57171	116.71	ng	-0.02
7) Phenol-d6	6.83	99	74803	115.13	ng	-0.02
23) Nitrobenzene-d5	8.82	82	41225	71.82	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	36196	113.78	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	116007	77.93	ng	-0.02
79) Terphenyl-d14	19.69	244	164123	82.50	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.76	163	9201	5.678	ng	Qvalue # 95
71) Phenanthrene	17.09	178	9681	4.075	ng	98
75) Fluoranthene	19.12	202	13220	4.878	ng	98
78) Pyrene	19.48	202	11348	4.437	ng	100
81) Benzo(a)anthracene	21.23	228	6301	2.641	ng	99
83) Chrysene	21.29	228	5221	2.291	ng	97
88) Benzo(b)fluoranthene	22.81	252	7065	3.090	ng	97
90) Benzo(a)pyrene	23.38	252	5100	2.438	ng	97

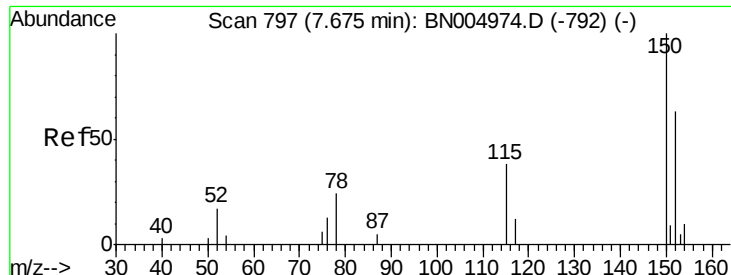
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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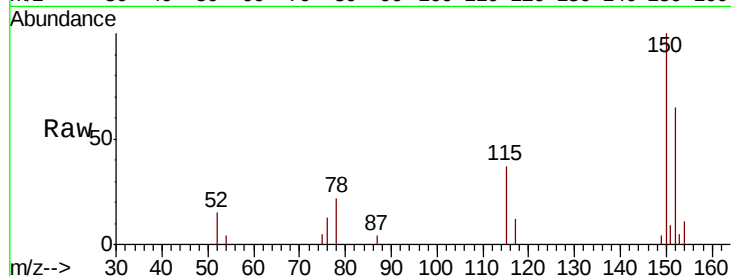


#1

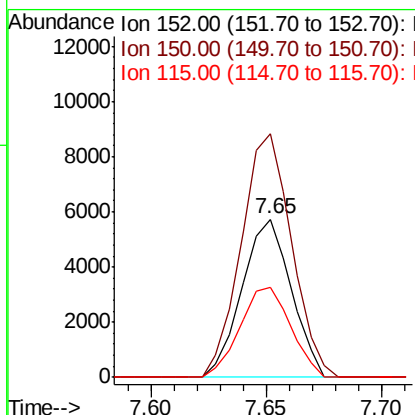
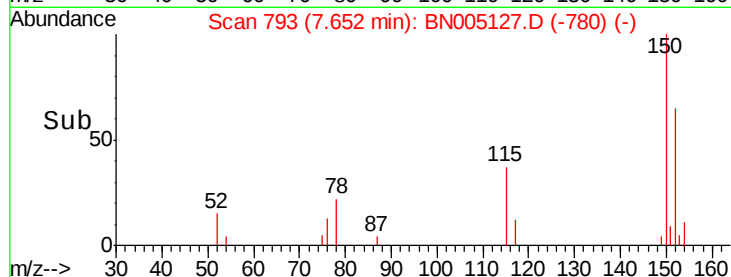
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Instrument :
BNA_N
ClientSampleId :
TP-7-S

Tot Ion:152 Resp: 8469
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 56.9 47.8 71.6



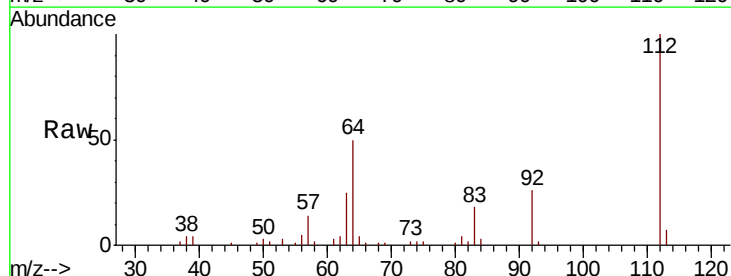
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



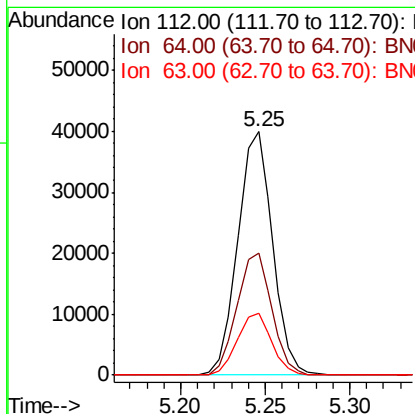
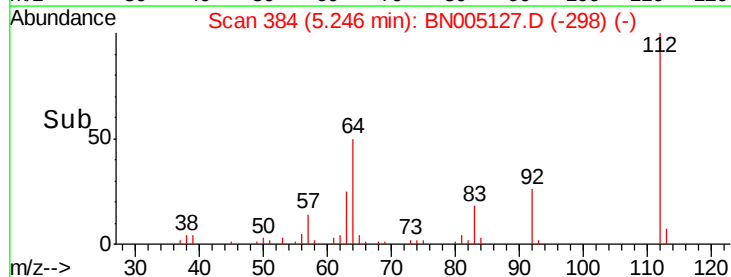
#5

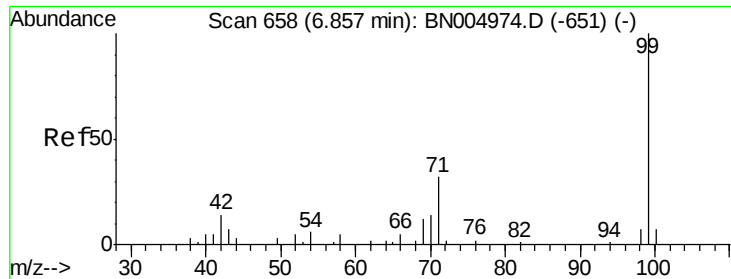
2-Fluorophenol
Concen: 116.711 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Tgt Ion:112 Resp: 57171
Ion Ratio Lower Upper
112 100
64 50.3 41.9 62.9
63 25.3 21.4 32.0



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





#7

Phenol-d6

Concen: 115.133 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Instrument :

BNA_N

ClientSampleId :

TP-7-S

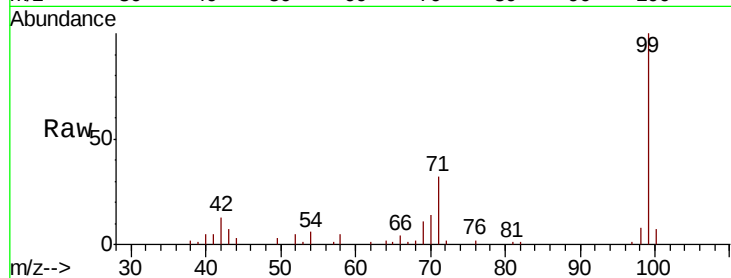
Tot Ion: 99 Resp: 74803

Ion Ratio Lower Upper

99 100

42 13.1 11.4 17.0

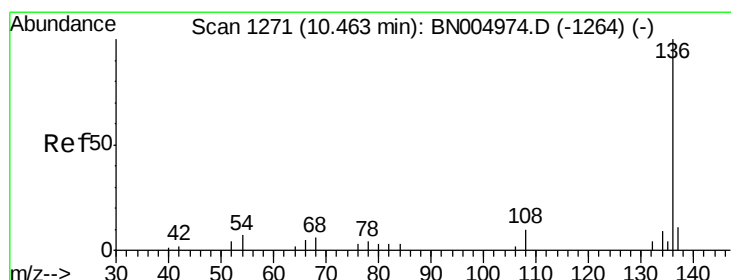
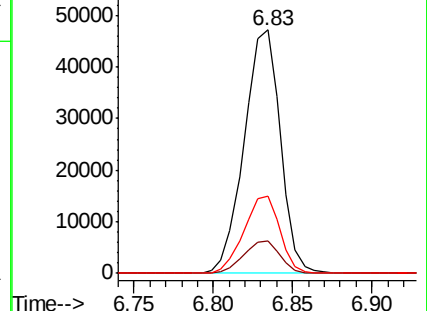
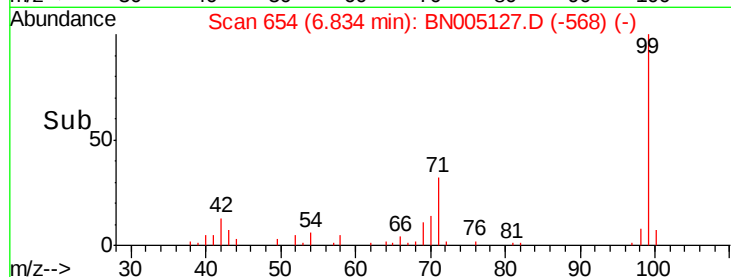
71 31.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Tgt Ion: 136 Resp: 34723

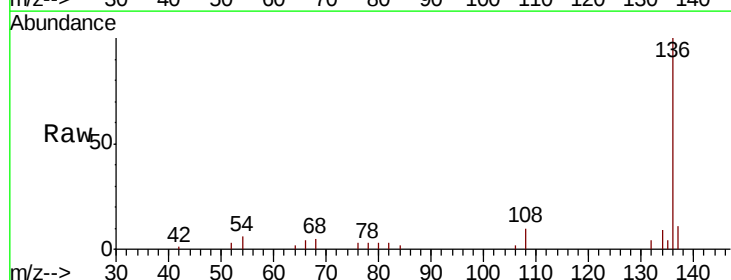
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 5.3 7.9

68 5.4 4.6 6.8

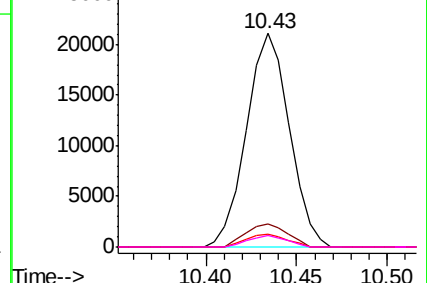
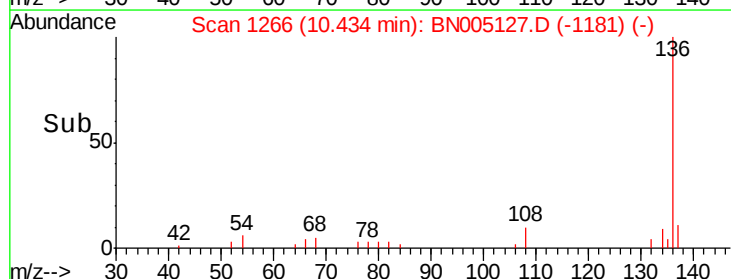


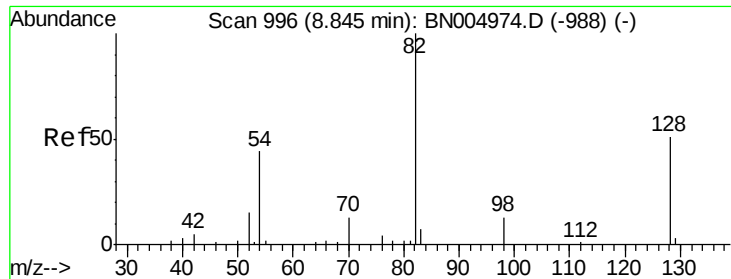
Abundance Ion 136.00 (135.70 to 136.70): BN004974.D (-1264) (-)

Ion 137.00 (136.70 to 137.70): BN004974.D (-1264) (-)

Ion 54.00 (53.70 to 54.70): BN004974.D (-1264) (-)

Ion 68.00 (67.70 to 68.70): BN004974.D (-1264) (-)

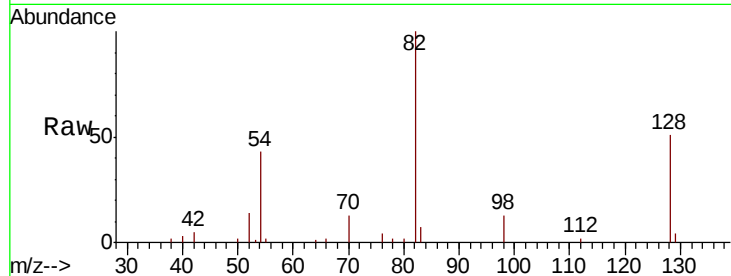




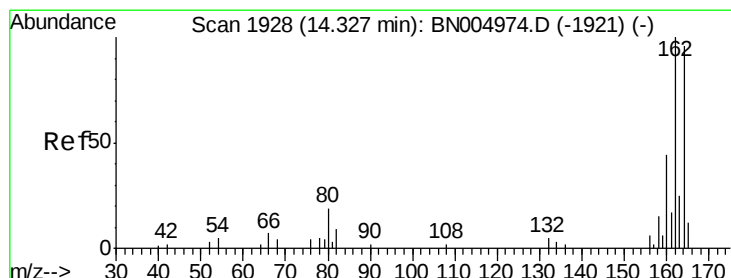
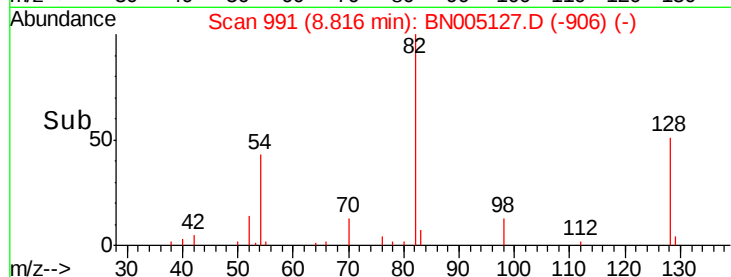
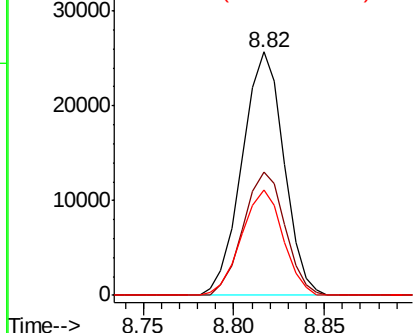
#23
Nitrobenzene-d5
Concen: 71.819 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Instrument :
BNA_N
ClientSampleId :
TP-7-S

Tot Ion: 82 Resp: 41225
Ion Ratio Lower Upper
82 100
128 50.8 40.6 60.8
54 43.4 35.2 52.8

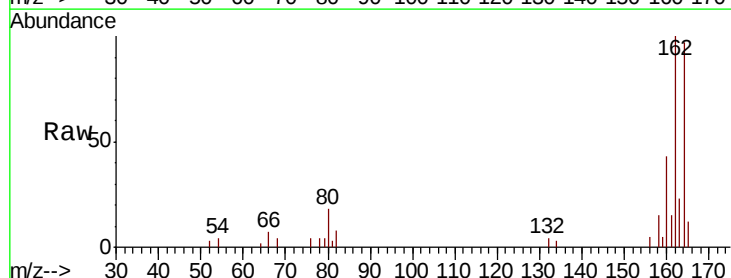


Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC

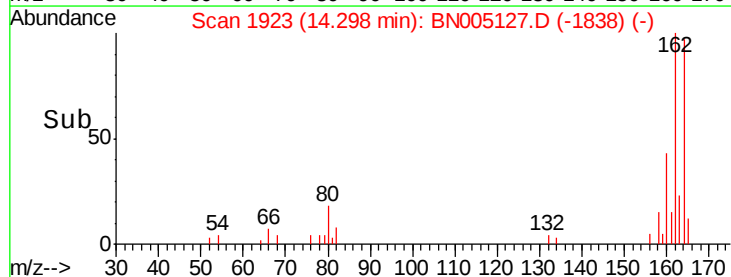
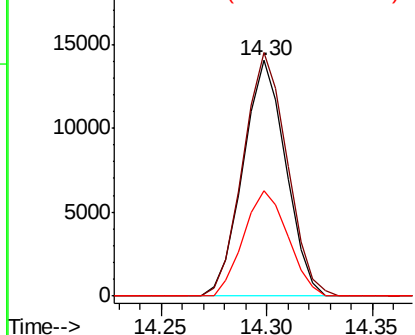


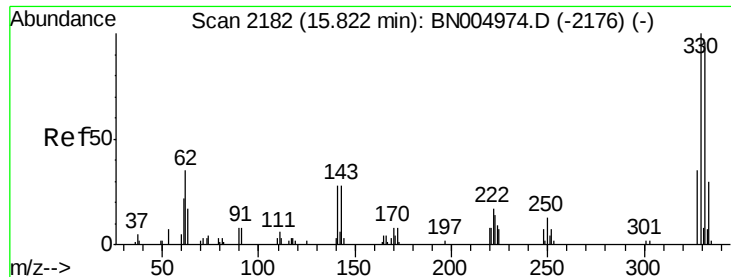
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Tgt Ion: 164 Resp: 19725
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 44.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BNC
Ion 162.00 (161.70 to 162.70): BNC
Ion 160.00 (159.70 to 160.70): BNC





#42

2,4,6-Tribromophenol

Concen: 113.778 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Instrument :

BNA_N

ClientSampleId :

TP-7-S

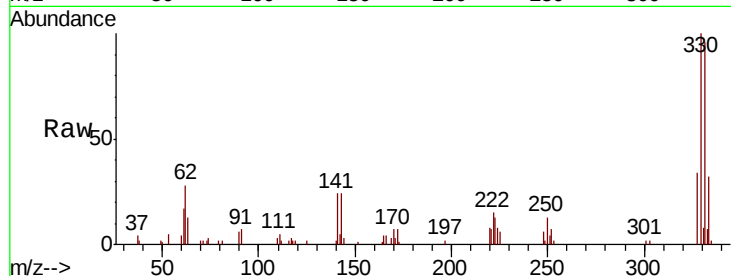
Tot Ion:330 Resp: 36196

Ion Ratio Lower Upper

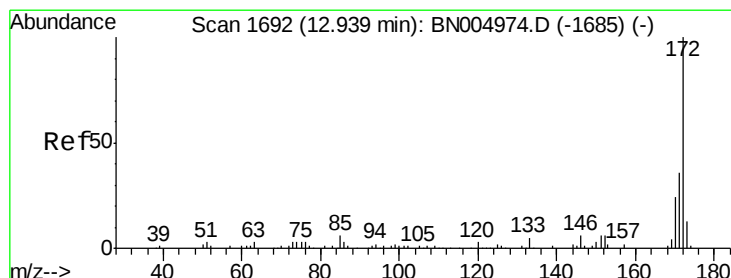
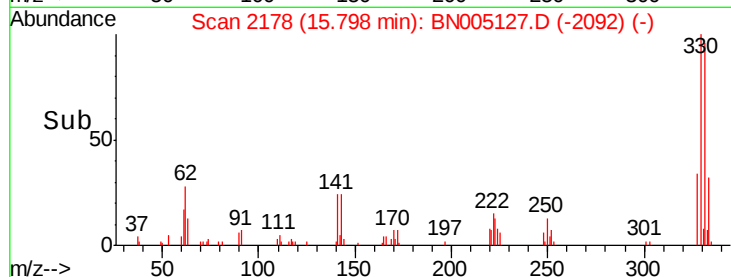
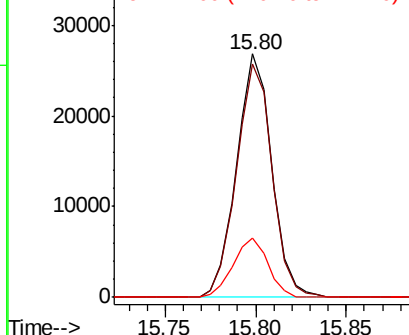
330 100

332 97.2 77.4 116.0

141 24.1 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 77.934 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

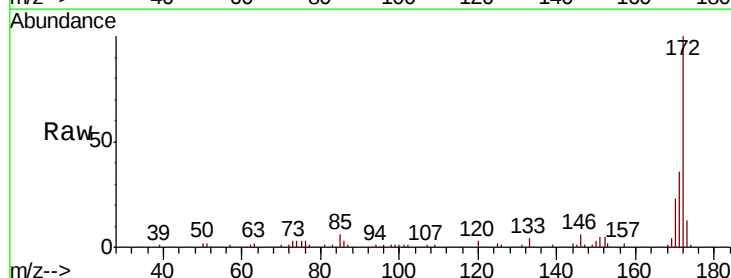
Tgt Ion:172 Resp: 116007

Ion Ratio Lower Upper

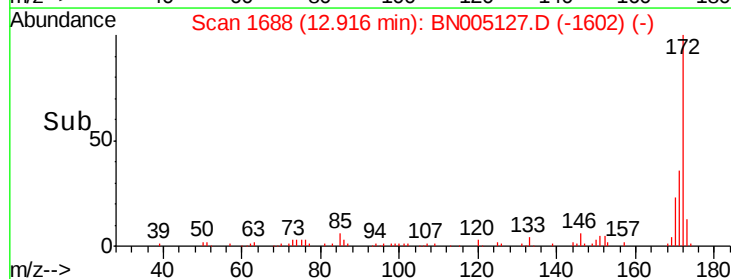
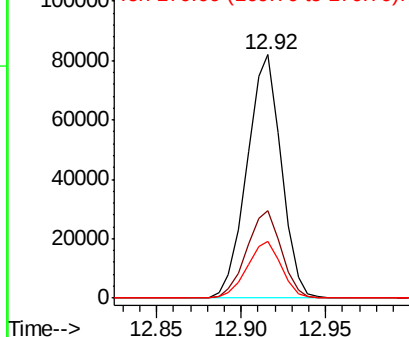
172 100

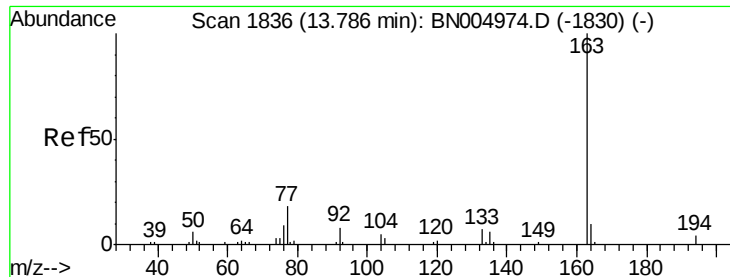
171 35.8 28.6 42.8

170 23.3 18.9 28.3



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





#50

Dimethylphthalate

Concen: 5.678 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

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ClientSampleId :

TP-7-S

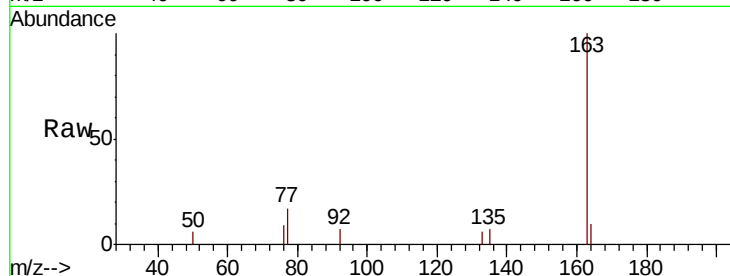
Tot Ion:163 Resp: 9201

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

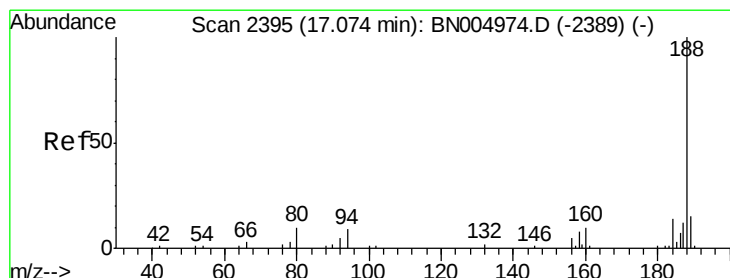
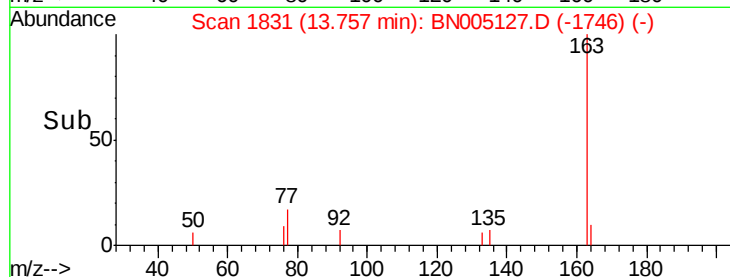
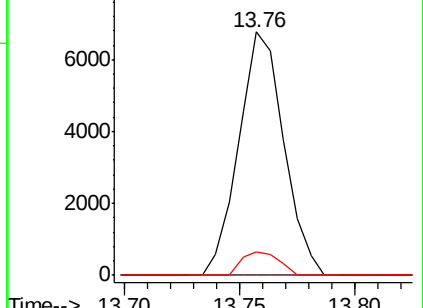
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

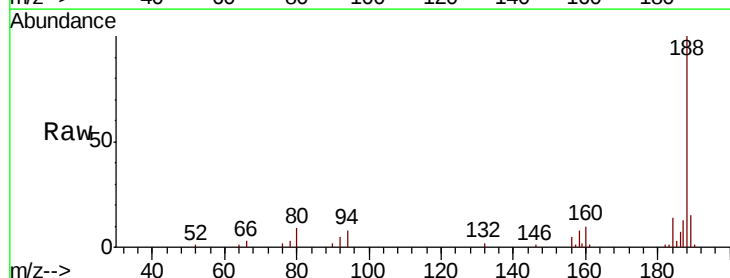
Tgt Ion:188 Resp: 42278

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

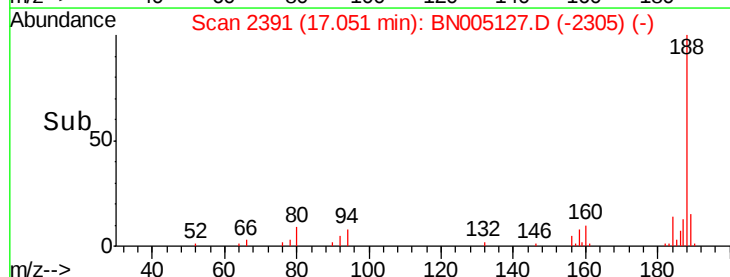
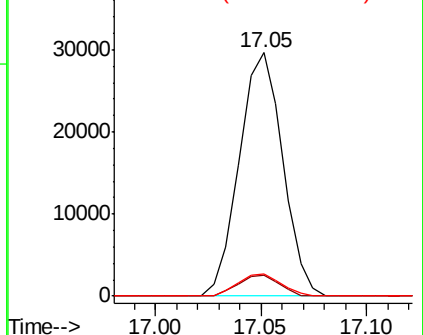
80 9.1 7.8 11.6

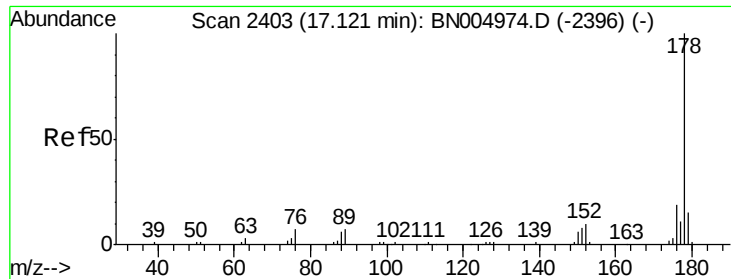


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

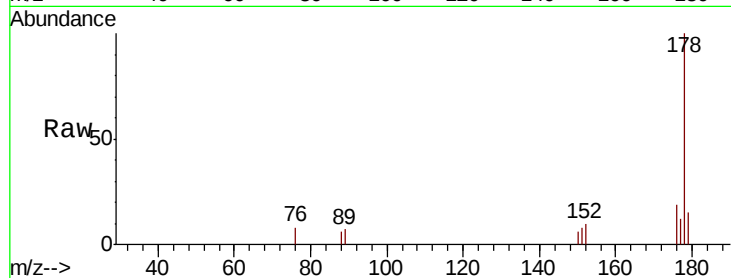




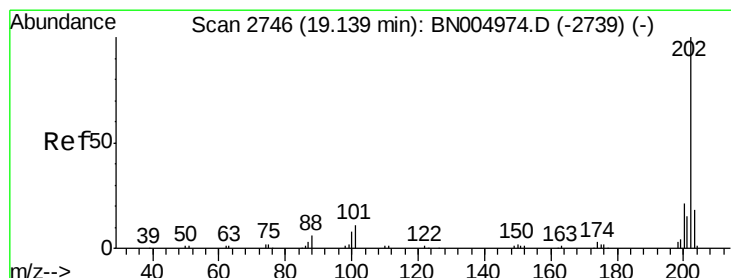
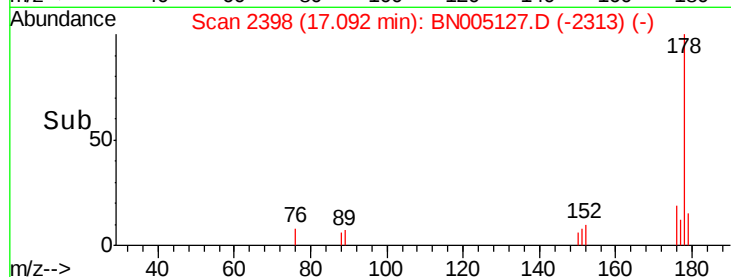
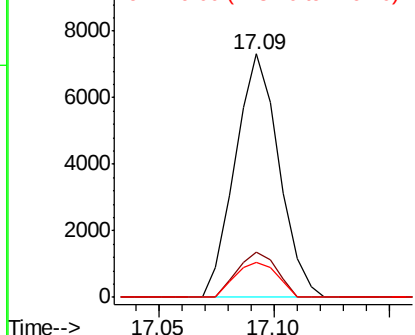
#71
Phenanthrene
Concen: 4.075 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.03 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:178 Resp: 9681
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 14.6 12.3 18.5

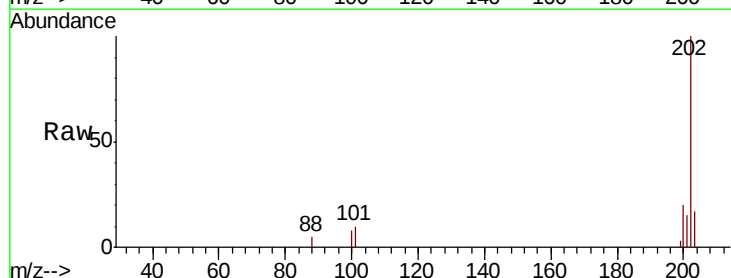


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

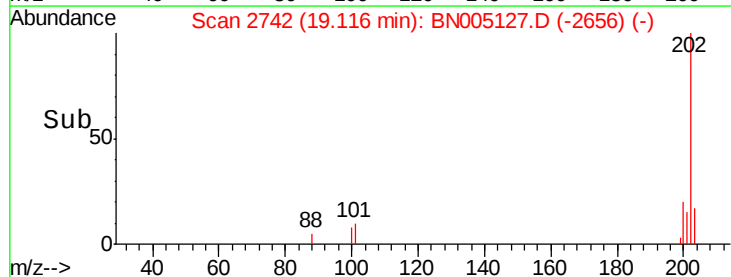
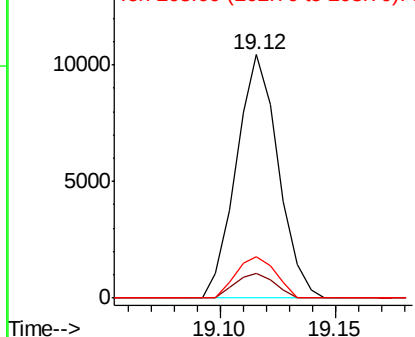


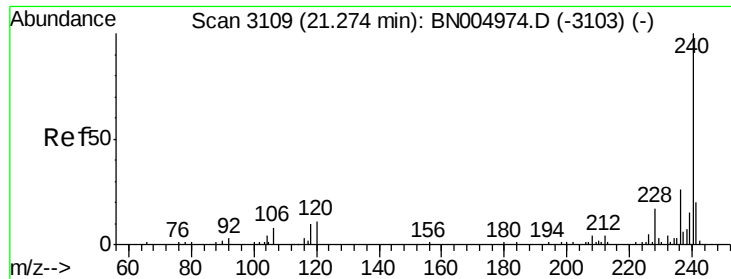
#75
Fluoranthene
Concen: 4.878 ng
RT: 19.12 min Scan# 2742
Delta R.T. -0.02 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Tgt Ion:202 Resp: 13220
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.0 0.0 37.5



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Instrument :

BNA_N

ClientSampleId :

TP-7-S

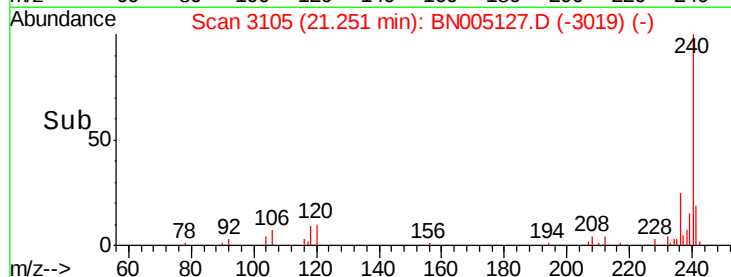
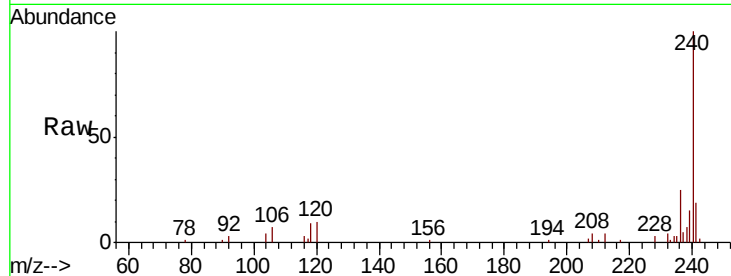
Tot Ion:240 Resp: 38299

Ion Ratio Lower Upper

240 100

120 9.8 8.5 12.7

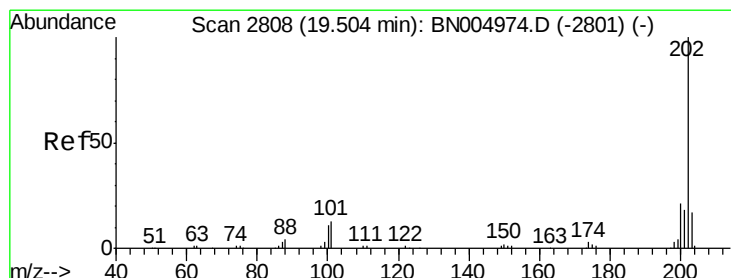
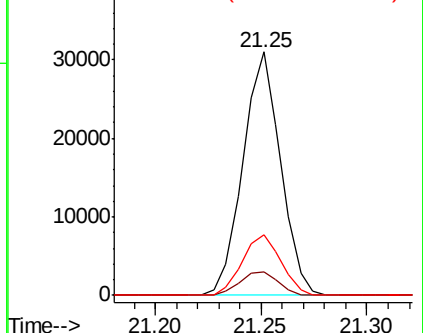
236 25.0 21.2 31.8



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



#78

Pyrene

Concen: 4.437 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

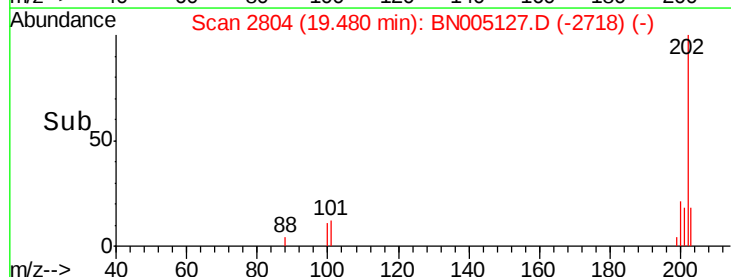
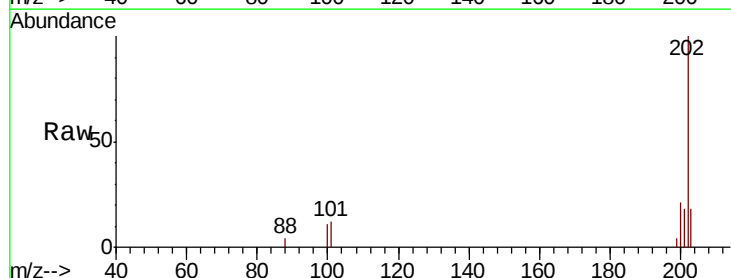
Tgt Ion:202 Resp: 11348

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

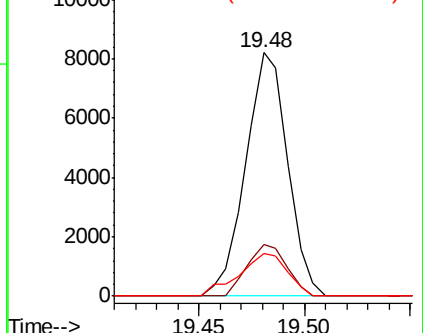
203 17.7 14.0 21.0

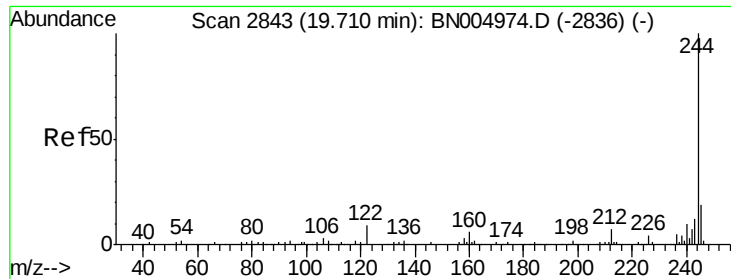


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.503 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Instrument :

BNA_N

ClientSampleId :

TP-7-S

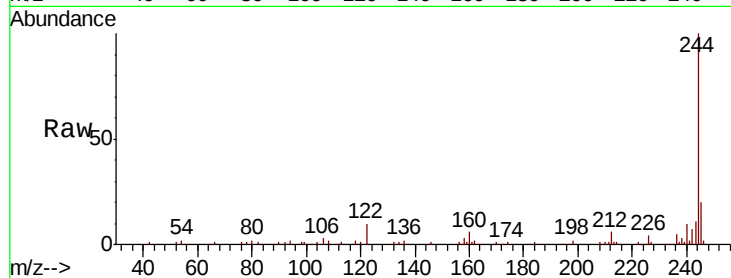
Tot Ion:244 Resp: 164123

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

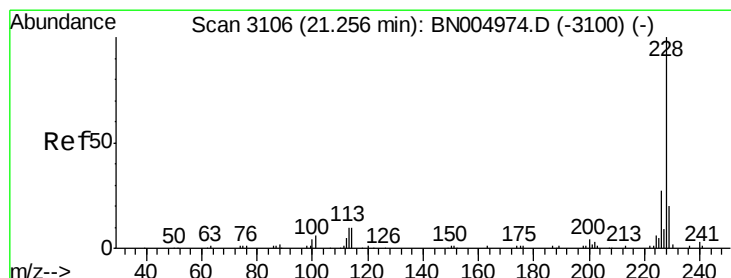
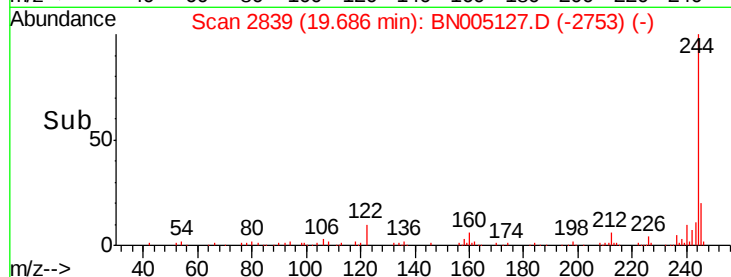
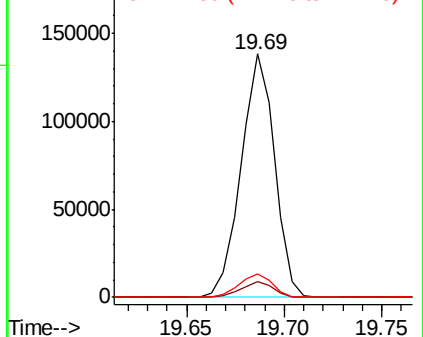
122 9.6 7.4 11.2



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



#81

Benzo(a)anthracene

Concen: 2.641 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

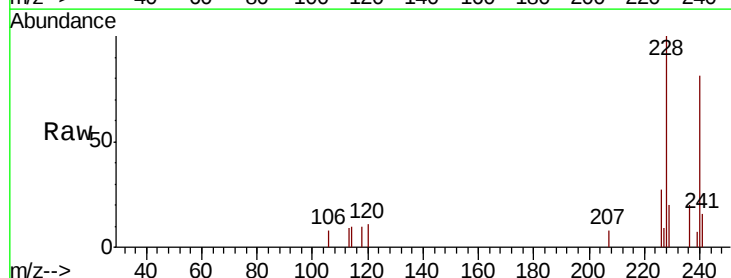
Tgt Ion:228 Resp: 6301

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

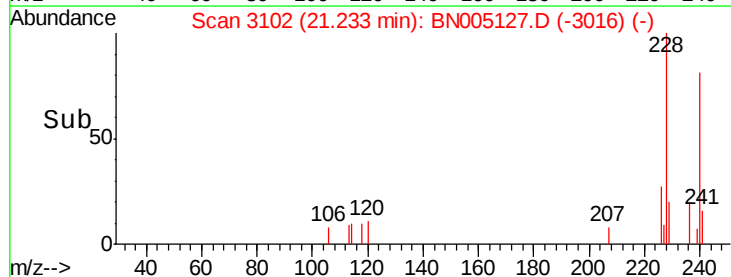
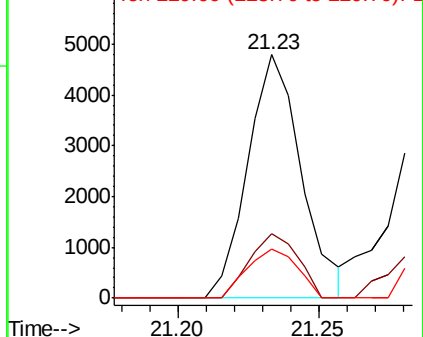
229 20.2 15.9 23.9

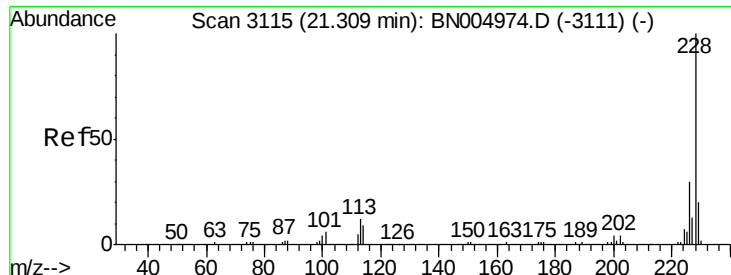


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

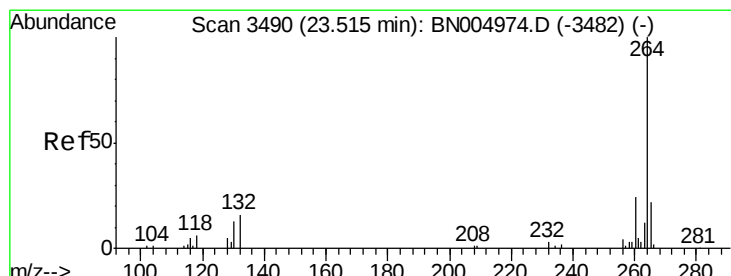
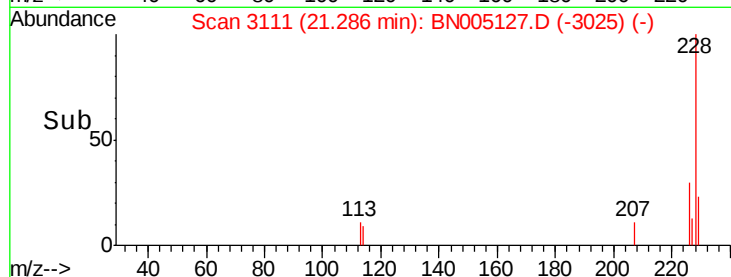
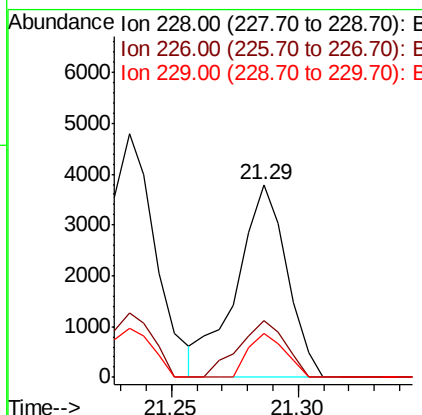
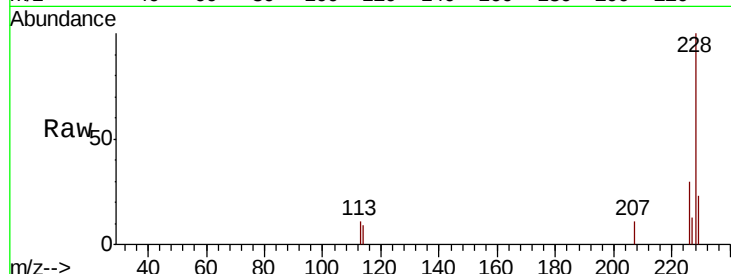




#83
Chrysene
Concen: 2.291 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.02 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

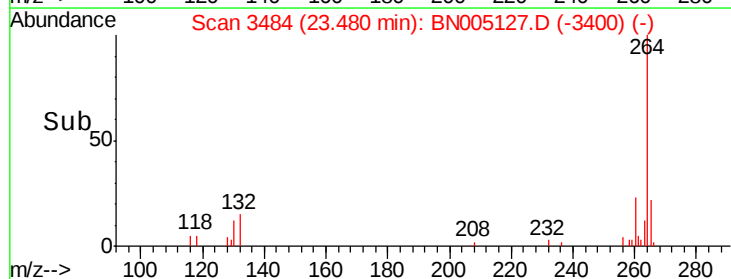
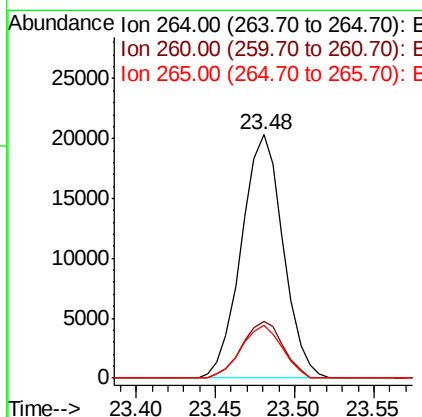
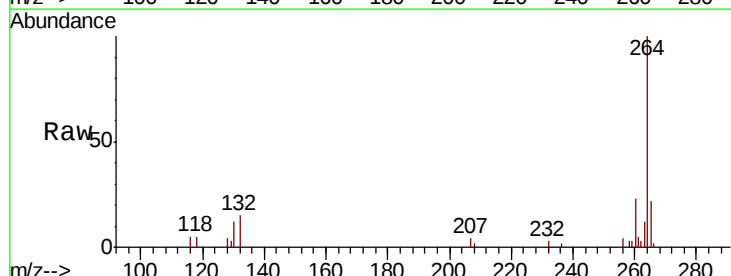
Instrument :
BNA_N
ClientSampleId :
TP-7-S

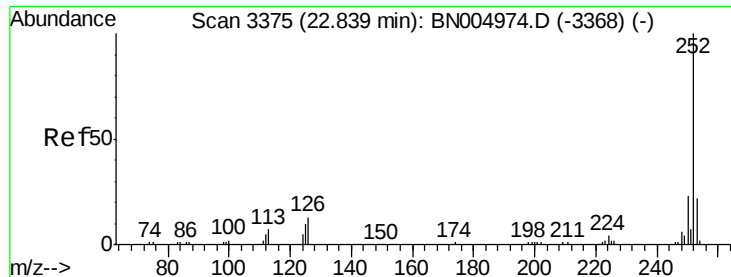
Tot Ion:228 Resp: 5221
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.2
229 23.0 15.8 23.8



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. -0.03 min
Lab File: BN005127.D
Acq: 10 Apr 2019 14:43

Tgt Ion:264 Resp: 37140
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 3.090 ng

RT: 22.81 min Scan# 3370

Delta R.T. -0.03 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

Instrument :

BNA_N

ClientSampleId :

TP-7-S

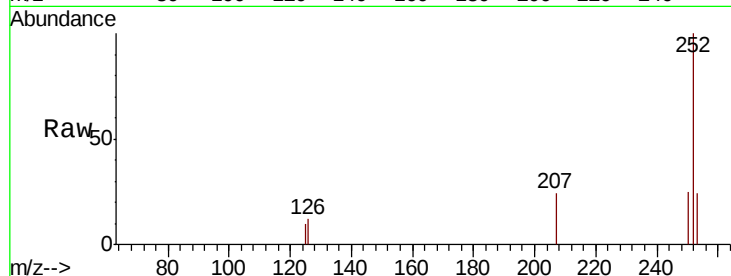
Tot Ion:252 Resp: 7065

Ion Ratio Lower Upper

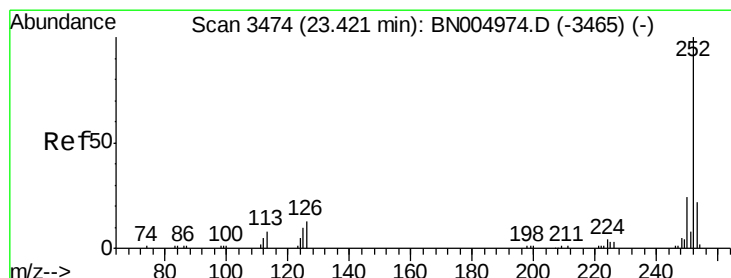
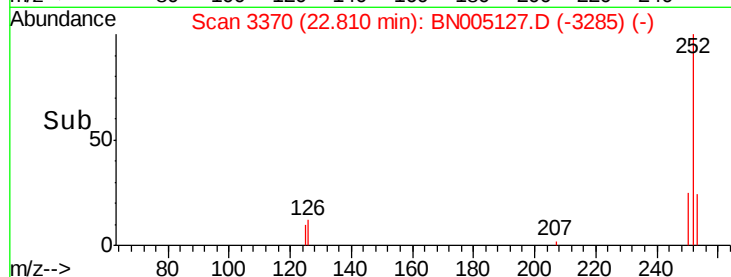
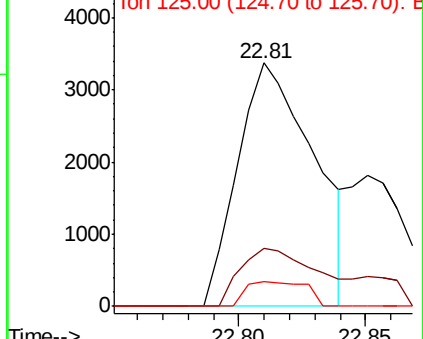
252 100

253 23.9 17.6 26.4

125 10.1 8.1 12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.438 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.04 min

Lab File: BN005127.D

Acq: 10 Apr 2019 14:43

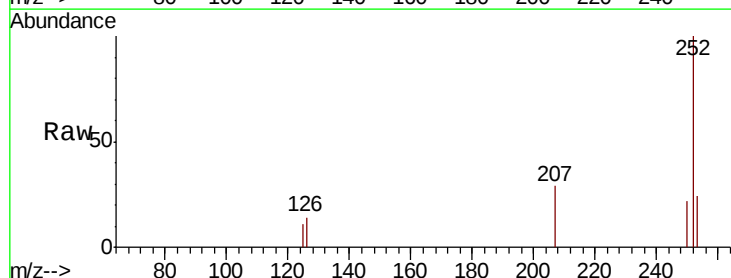
Tgt Ion:252 Resp: 5100

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 11.0 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

