

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005132.D
 Acq On : 10 Apr 2019 17:42
 Operator : JU/SJ
 Sample : K2345-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 11 08:33:32 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

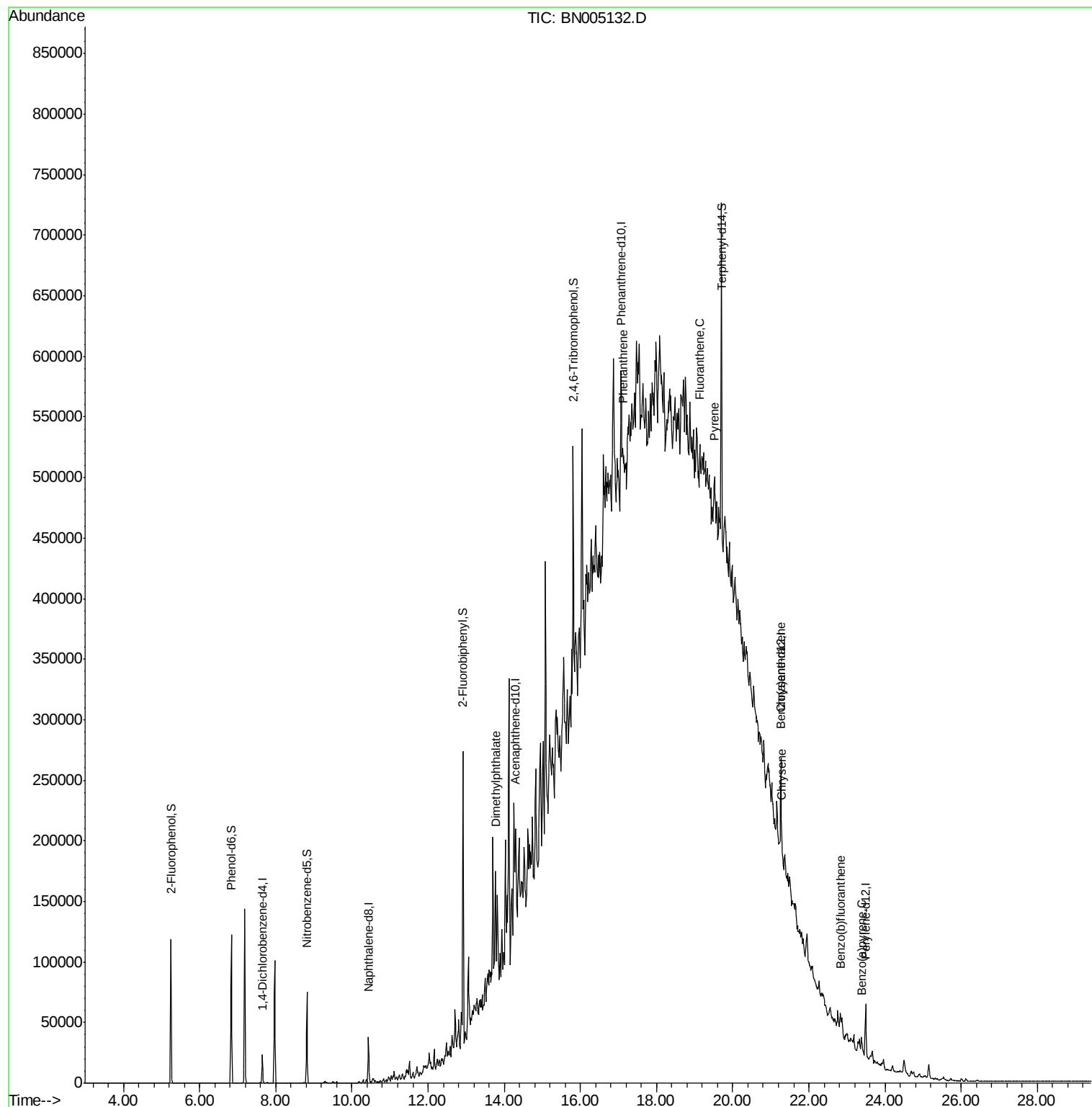
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7730	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	31249	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	18435	20.00	ng	-0.02
64) Phenanthrene-d10	17.07	188	34750	20.00	ng	0.00
76) Chrysene-d12	21.26	240	32244	20.00	ng	-0.01
87) Perylene-d12	23.49	264	33806	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	57873	129.44	ng	-0.02
7) Phenol-d6	6.83	99	76767	129.45	ng	-0.02
23) Nitrobenzene-d5	8.82	82	44669	86.47	ng	-0.03
42) 2,4,6-Tribromophenol	15.81	330	44217	148.72	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	121877	87.61	ng	-0.02
79) Terphenyl-d14	19.70	244	146587	87.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.76	163	15457	10.206	ng	# 95
71) Phenanthrene	17.11	178	6737	3.450	ng	# 49
75) Fluoranthene	19.14	202	8119	3.645	ng	# 65
78) Pyrene	19.50	202	8653	4.019	ng	# 64
81) Benzo(a)anthracene	21.25	228	4843	2.411	ng	# 75
83) Chrysene	21.30	228	4988	2.600	ng	# 77
88) Benzo(b)fluoranthene	22.82	252	6963	3.346	ng	# 74
90) Benzo(a)pyrene	23.39	252	4377	2.299	ng	# 79

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

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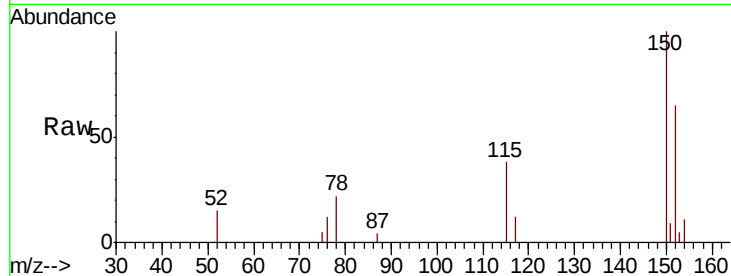


#1

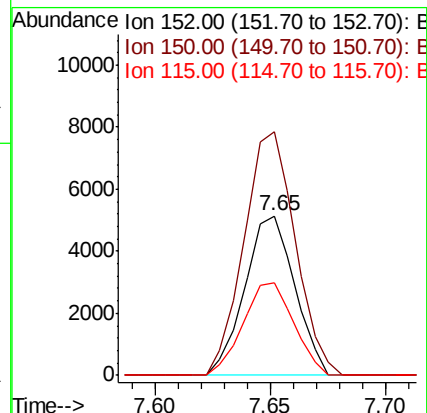
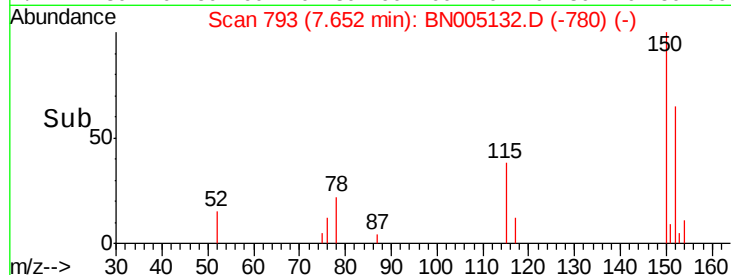
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Instrument :
BNA_N
ClientSampled :
TP-3

Tot Ion:152 Resp: 7730
Ion Ratio Lower Upper
152 100
150 152.9 126.9 190.3
115 58.0 47.8 71.6



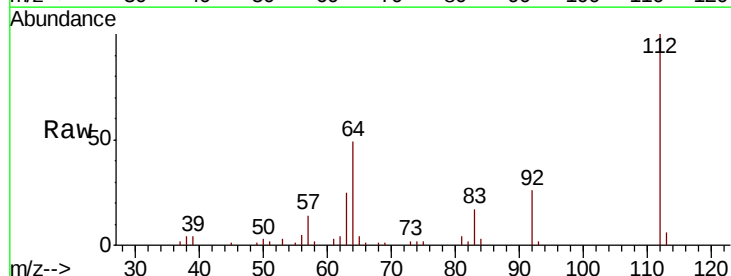
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



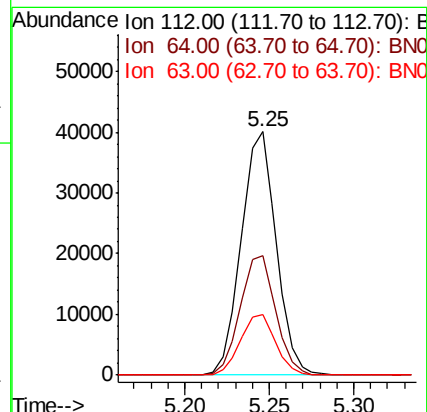
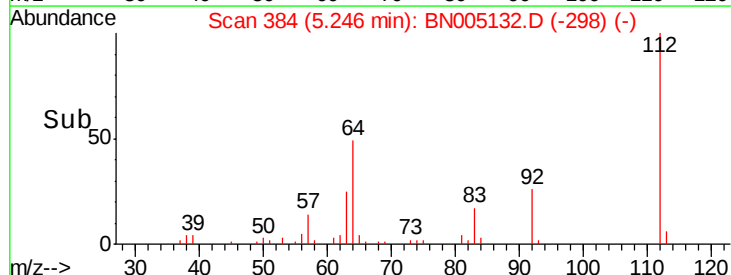
#5

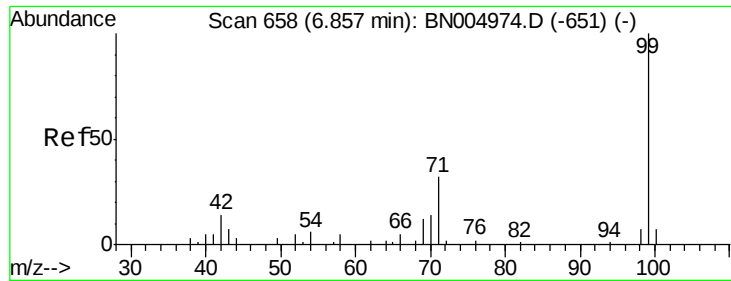
2-Fluorophenol
Concen: 129.439 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Tgt Ion:112 Resp: 57873
Ion Ratio Lower Upper
112 100
64 49.2 41.9 62.9
63 24.8 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: 129.452 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

Instrument :

BNA_N

ClientSampleId :

TP-3

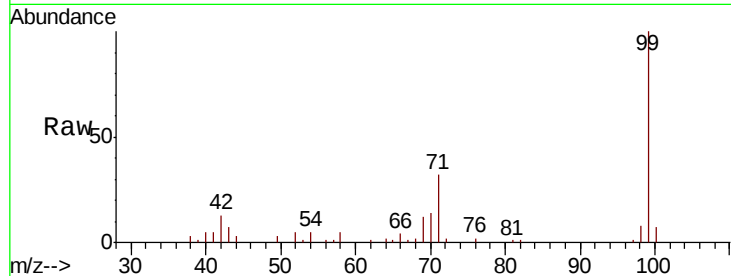
Tot Ion: 99 Resp: 76767

Ion Ratio Lower Upper

99 100

42 12.9 11.4 17.0

71 31.6 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) (-)

6.83

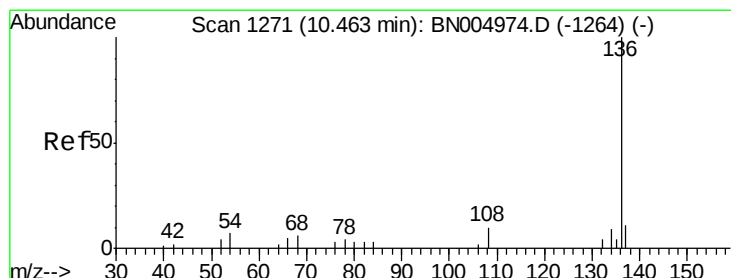
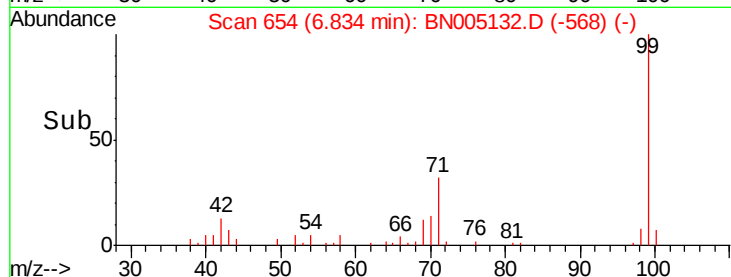
40000

20000

0

6.75 6.80 6.85 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

Tgt Ion: 136 Resp: 31249

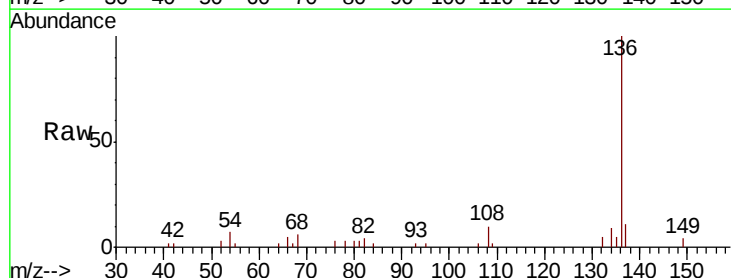
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.7 5.3 7.9

68 5.8 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) (-)

10.43

30000

25000

20000

15000

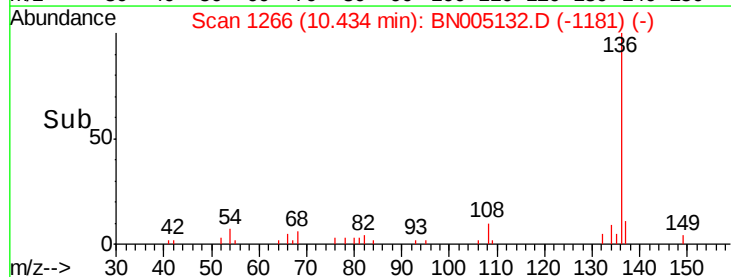
10000

5000

0

10.40 10.45 10.50

Time-->

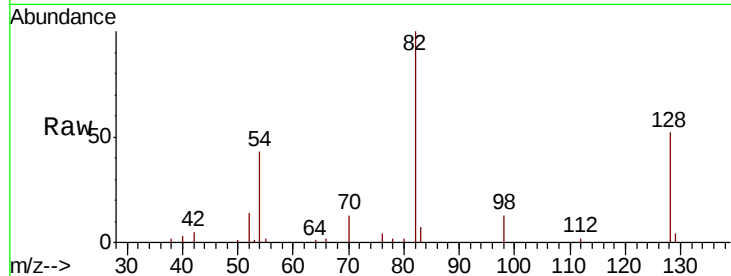




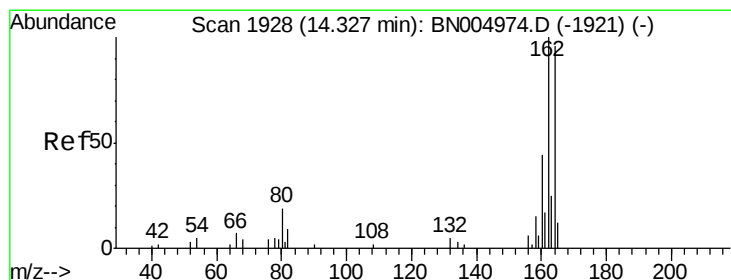
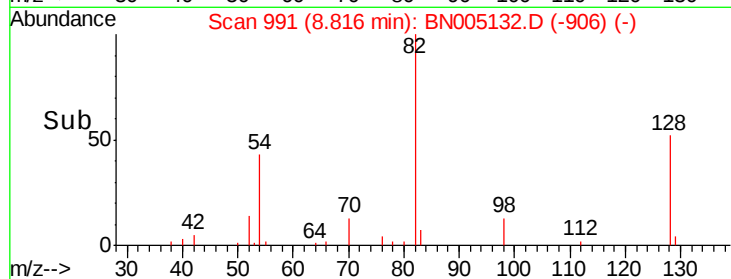
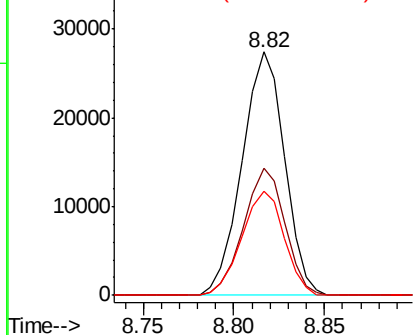
#23
Nitrobenzene-d5
Concen: 86.470 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Instrument :
BNA_N
ClientSampled :
TP-3

Tot Ion: 82 Resp: 44669
Ion Ratio Lower Upper
82 100
128 52.0 40.6 60.8
54 42.7 35.2 52.8

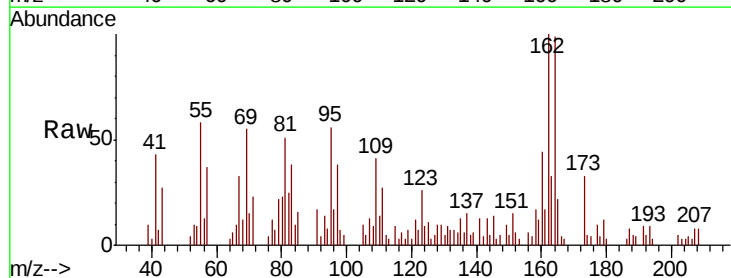


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

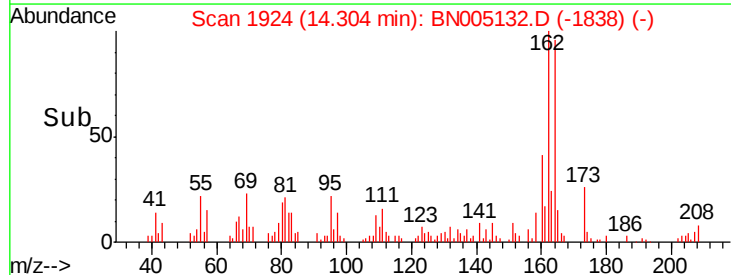
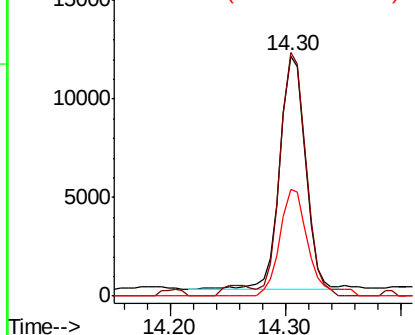


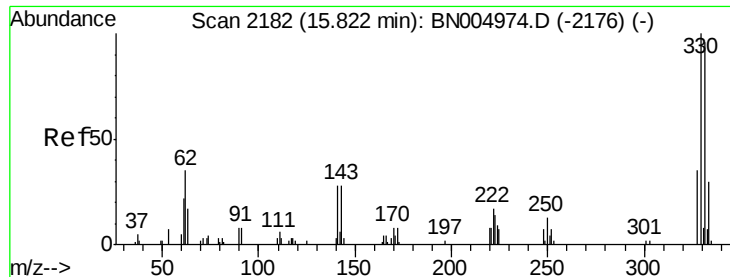
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Tgt Ion:164 Resp: 18435
Ion Ratio Lower Upper
164 100
162 101.5 83.4 125.0
160 44.4 36.6 55.0



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





#42

2,4,6-Tribromophenol

Concen: 148.717 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

Instrument :

BNA_N

ClientSampleId :

TP-3

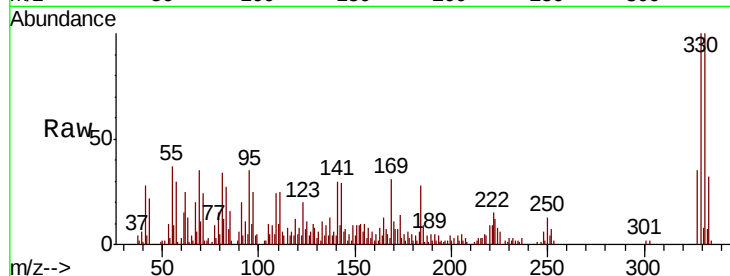
Tot Ion:330 Resp: 44217

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

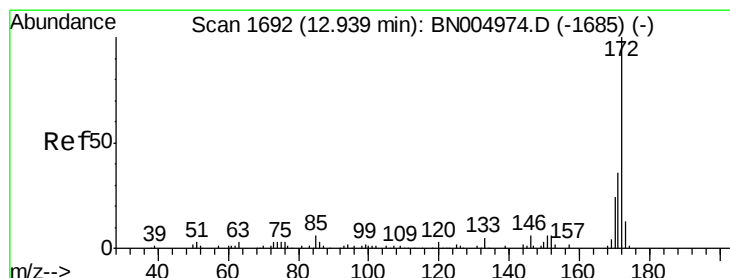
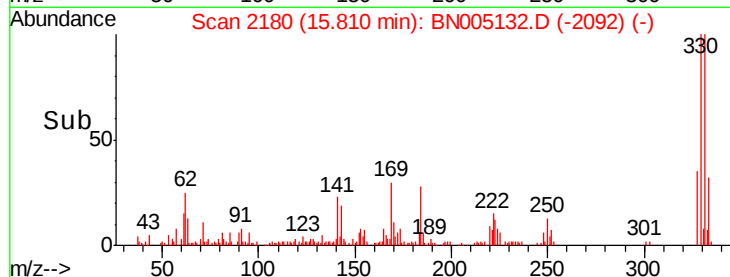
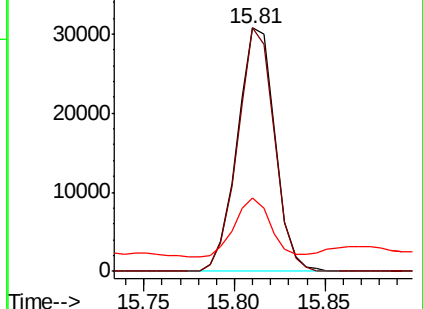
141 22.6 22.1 33.1



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: 87.606 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

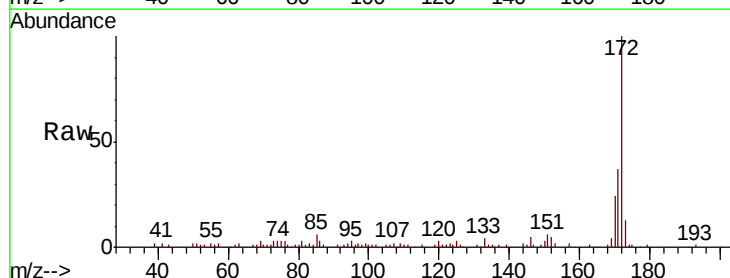
Tgt Ion:172 Resp: 121877

Ion Ratio Lower Upper

172 100

171 36.5 28.6 42.8

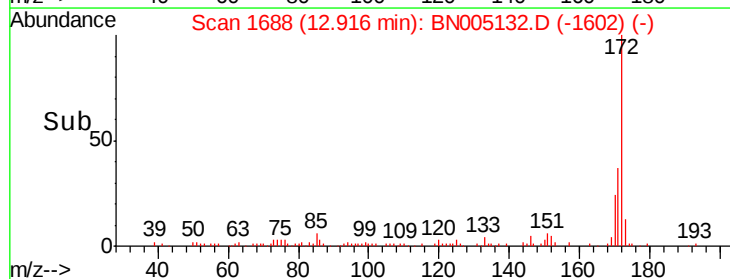
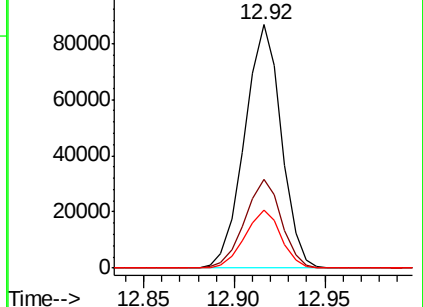
170 23.6 18.9 28.3

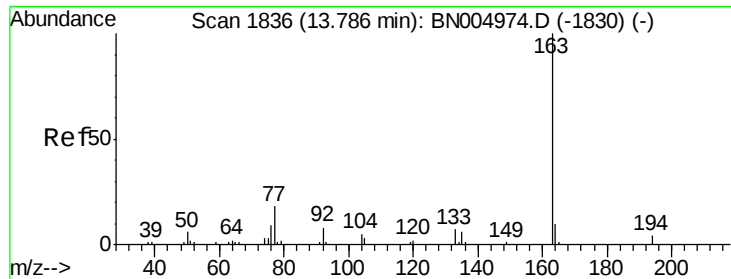


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

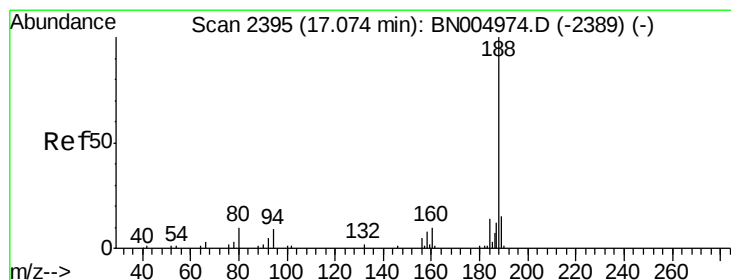
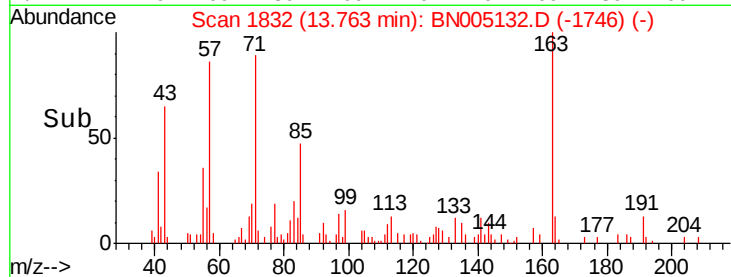
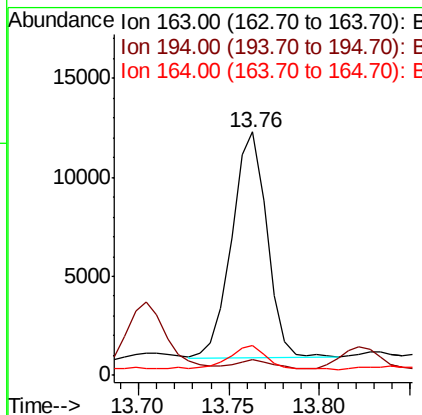
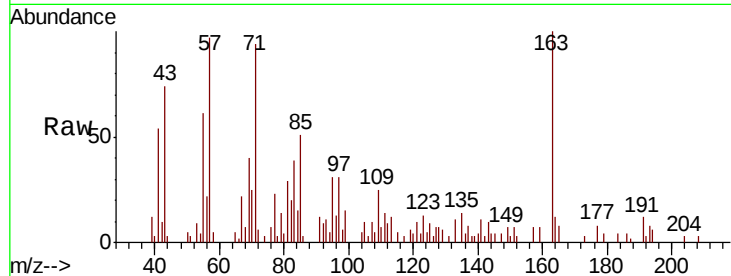




#50
 Dimethylphthalate
 Concen: 10.206 ng
 RT: 13.76 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BN005132.D
 Acq: 10 Apr 2019 17:42

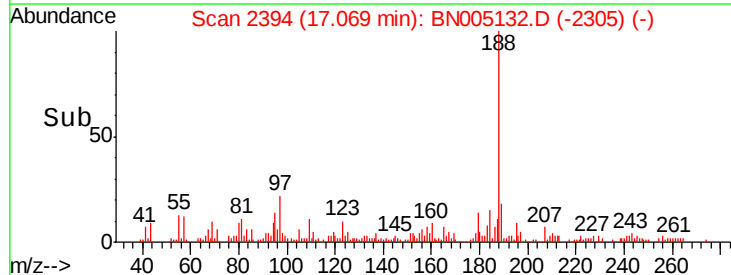
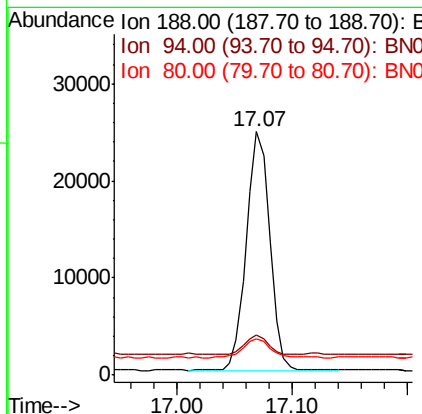
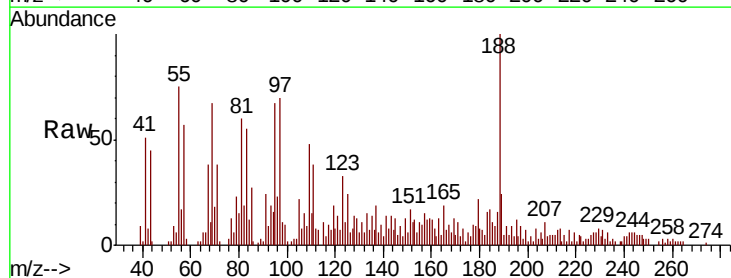
Instrument :
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 ClientSampleId :
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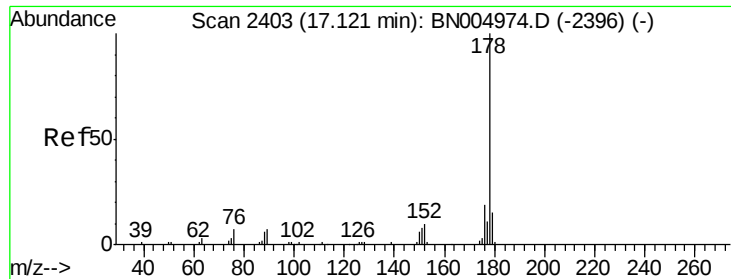
Tot Ion:163 Resp: 15457
 Ion Ratio Lower Upper
 163 100
 194 6.4 3.4 5.0#
 164 12.1 8.3 12.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BN005132.D
 Acq: 10 Apr 2019 17:42

Tgt Ion:188 Resp: 34750
 Ion Ratio Lower Upper
 188 100
 94 16.3 7.2 10.8#
 80 15.0 7.8 11.6#





#71

Phenanthrene

Concen: 3.450 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

Instrument :

BNA_N

ClientSampled :

TP-3

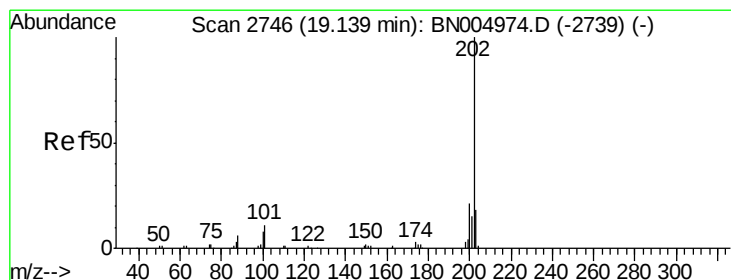
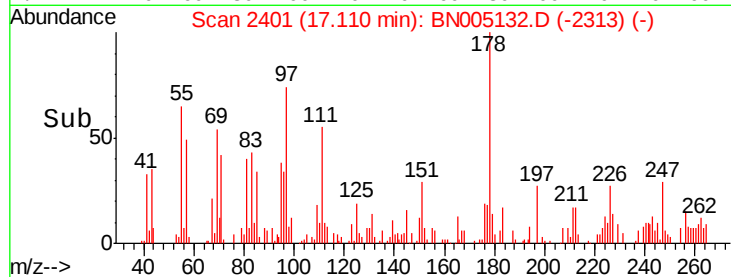
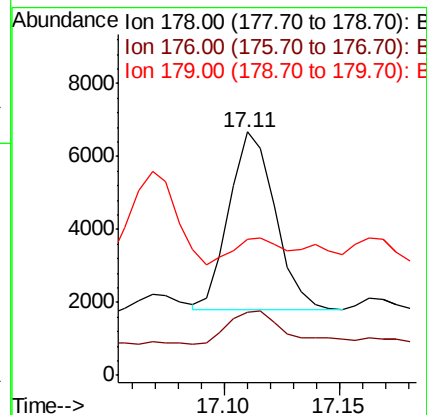
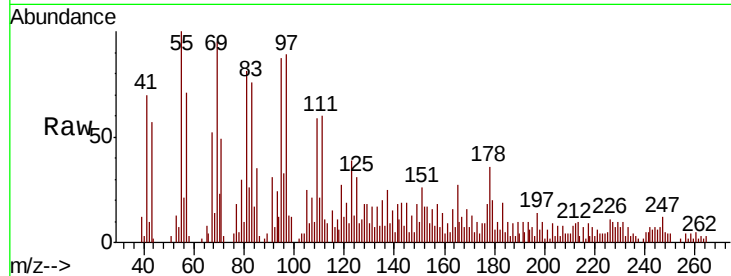
Tot Ion:178 Resp: 6737

Ion Ratio Lower Upper

178 100

176 26.1 15.4 23.2#

179 55.9 12.3 18.5#



#75

Fluoranthene

Concen: 3.645 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

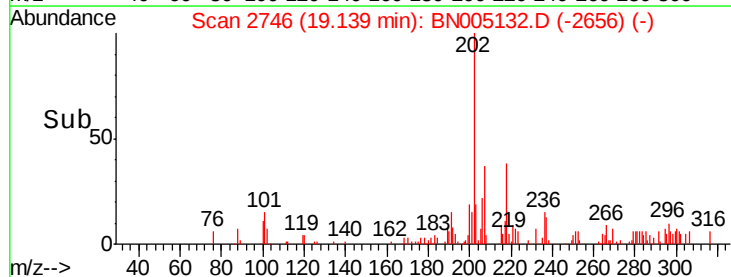
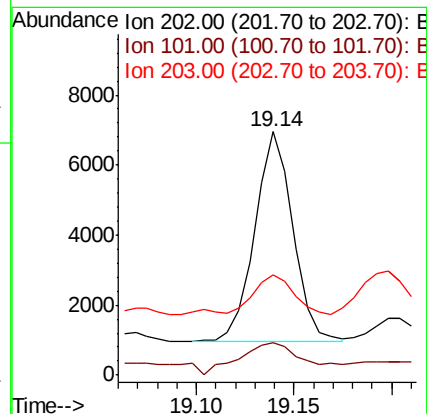
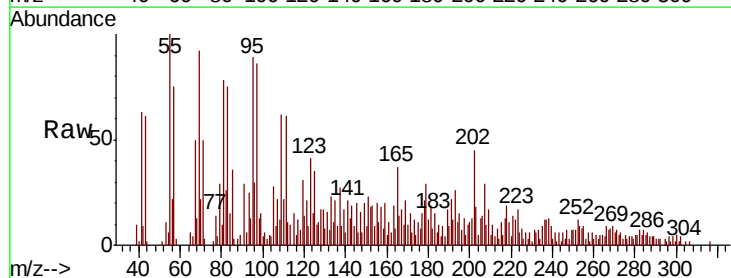
Tgt Ion:202 Resp: 8119

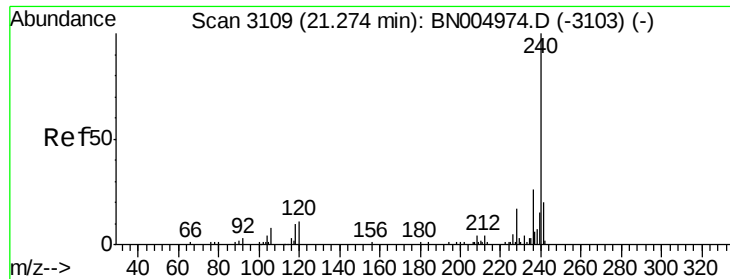
Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.1

203 40.9 0.0 37.5#

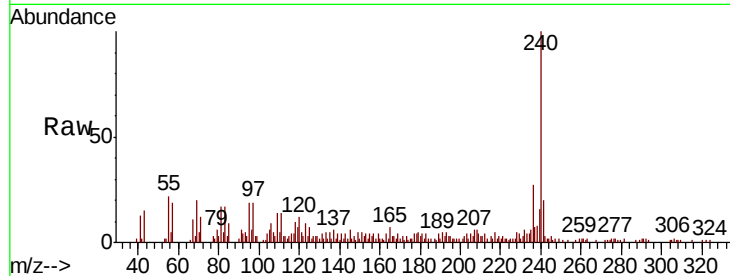




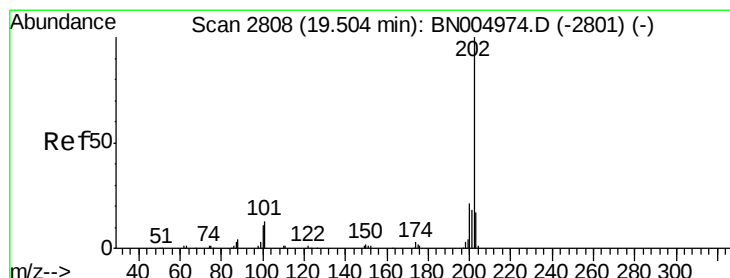
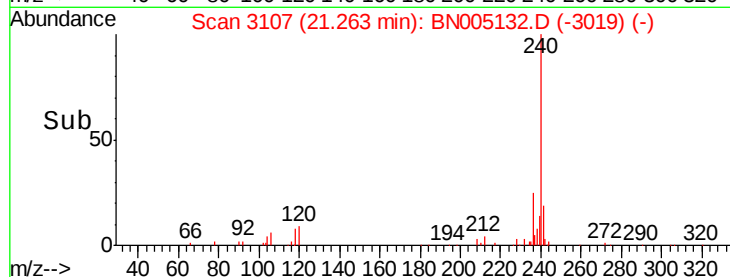
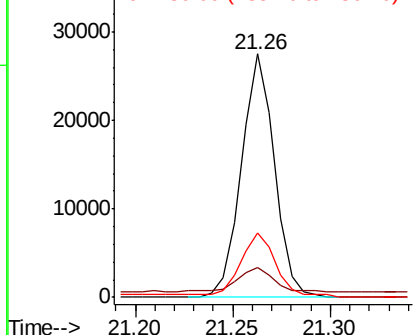
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Instrument :
BNA_N
ClientSampleId :
TP-3

Tot Ion:240 Resp: 32244
Ion Ratio Lower Upper
240 100
120 12.1 8.5 12.7
236 26.7 21.2 31.8

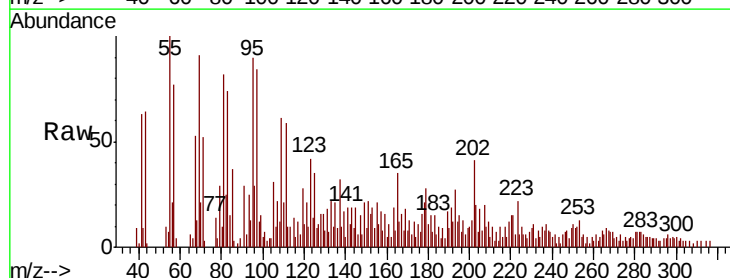


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

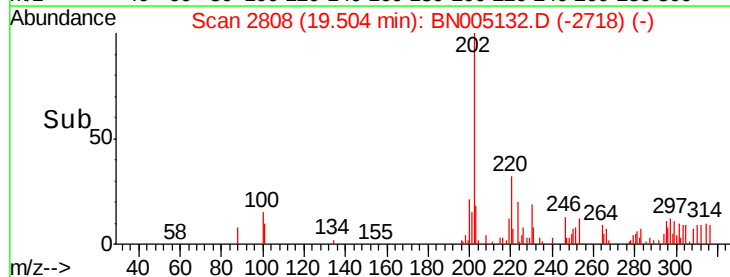
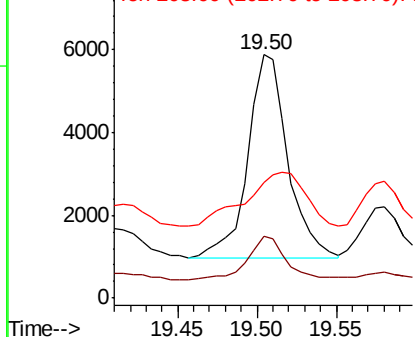


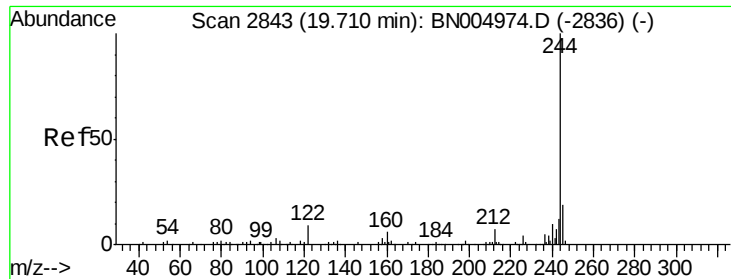
#78
Pyrene
Concen: 4.019 ng
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Tgt Ion:202 Resp: 8653
Ion Ratio Lower Upper
202 100
200 25.2 17.0 25.4
203 47.7 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: 87.525 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

Instrument :

BNA_N

ClientSampleId :

TP-3

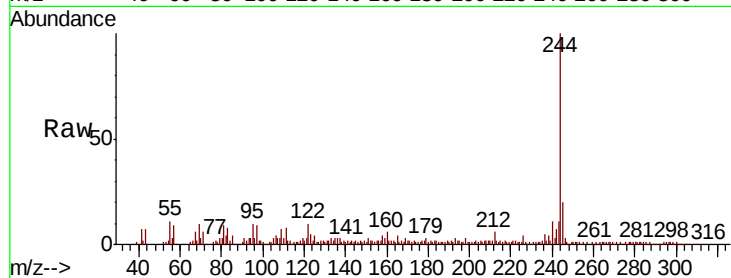
Tot Ion:244 Resp: 146587

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

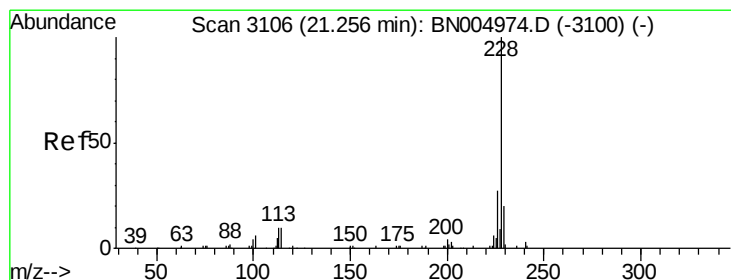
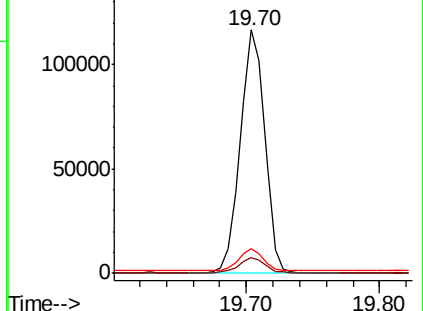
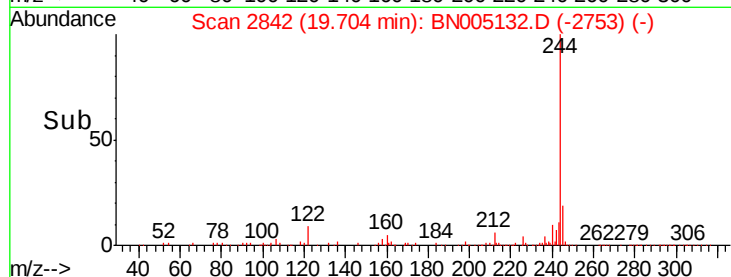
122 10.0 7.4 11.2



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: 2.411 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005132.D

Acq: 10 Apr 2019 17:42

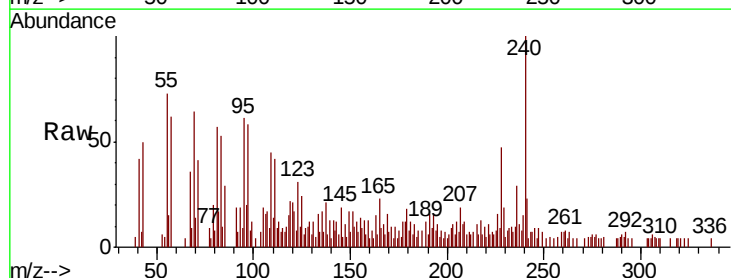
Tgt Ion:228 Resp: 4843

Ion Ratio Lower Upper

228 100

226 33.0 21.8 32.6#

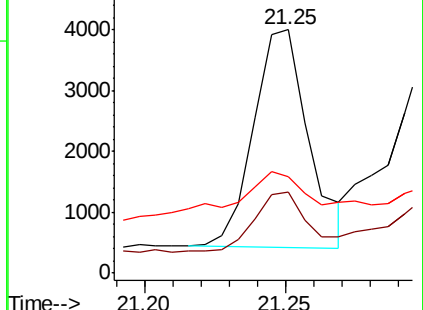
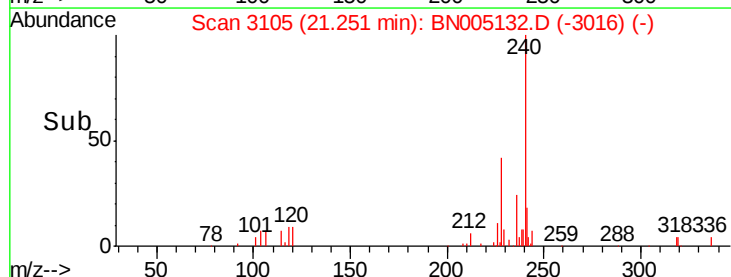
229 39.8 15.9 23.9#

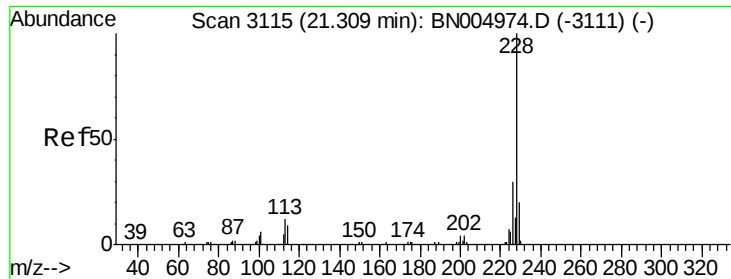


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

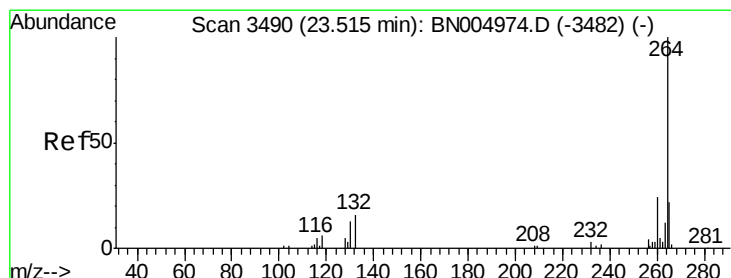
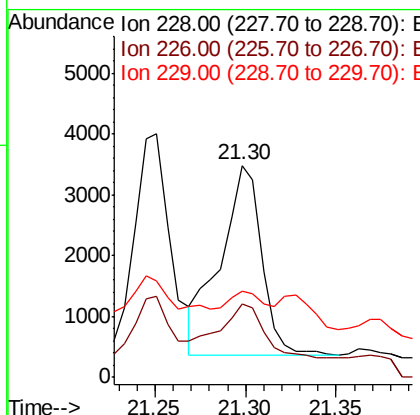
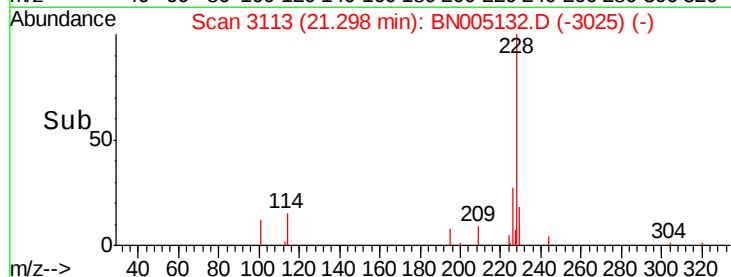
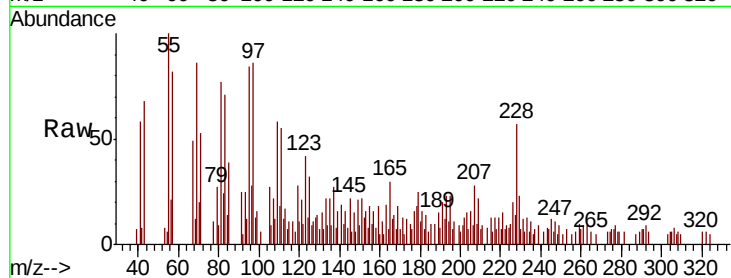




#83
Chrysene
Concen: 2.600 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

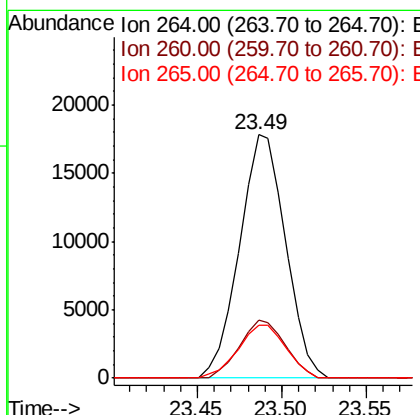
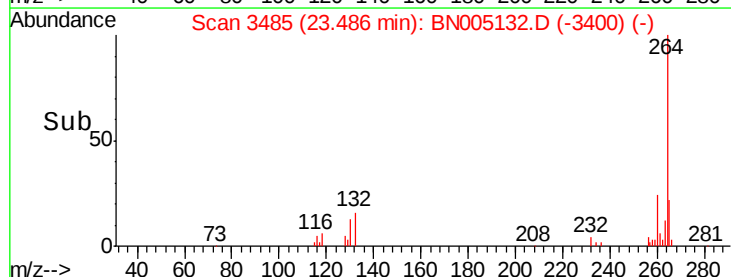
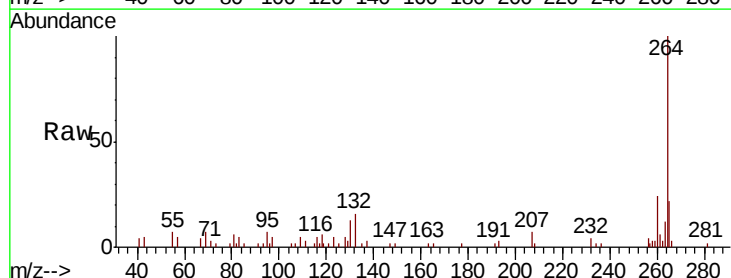
Instrument :
BNA_N
ClientSampleId :
TP-3

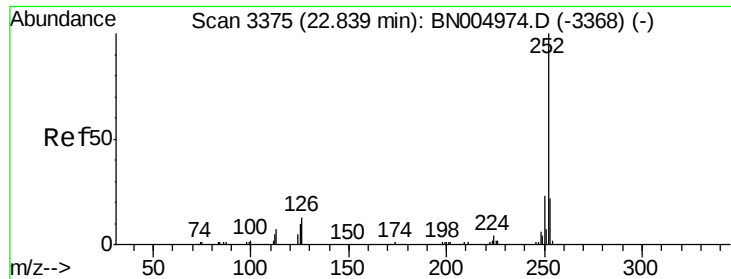
Tot Ion:228 Resp: 4988
Ion Ratio Lower Upper
228 100
226 34.5 24.2 36.2
229 40.5 15.8 23.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3485
Delta R.T. -0.03 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Tgt Ion:264 Resp: 33806
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 21.9 17.2 25.8

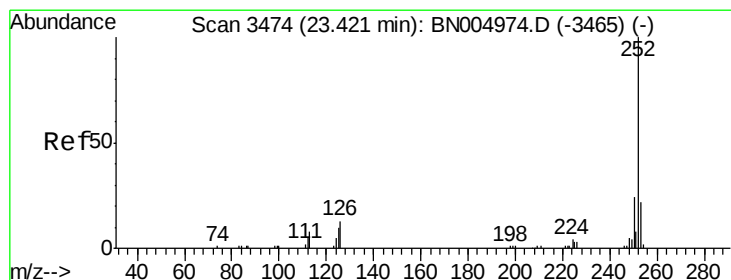
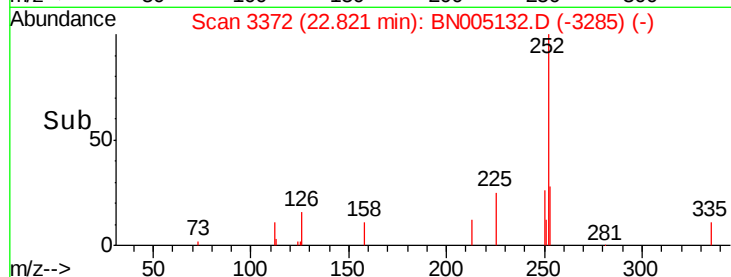
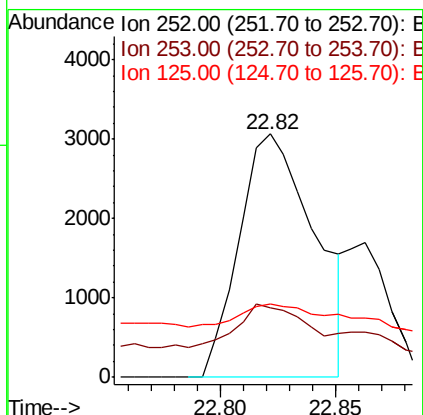
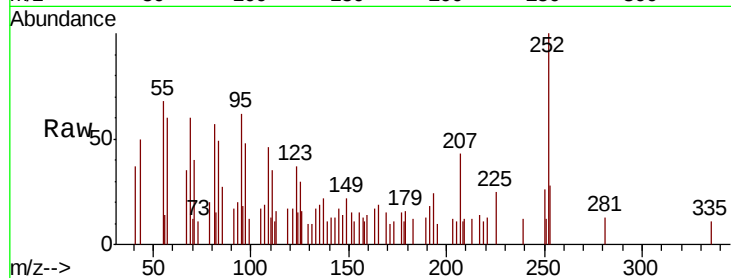




#88
Benzo(b)fluoranthene
Concen: 3.346 ng
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Instrument :
BNA_N
ClientSampleId :
TP-3

Tot Ion:252 Resp: 6963
Ion Ratio Lower Upper
252 100
253 28.4 17.6 26.4#
125 29.9 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 2.299 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.03 min
Lab File: BN005132.D
Acq: 10 Apr 2019 17:42

Tgt Ion:252 Resp: 4377
Ion Ratio Lower Upper
252 100
253 27.6 17.7 26.5#
125 26.3 8.2 12.4#

