

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009796.D
 Acq On : 21 Feb 2020 01:35
 Operator : CG/JU
 Sample : L1564-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200217

Quant Time: Feb 21 03:24:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

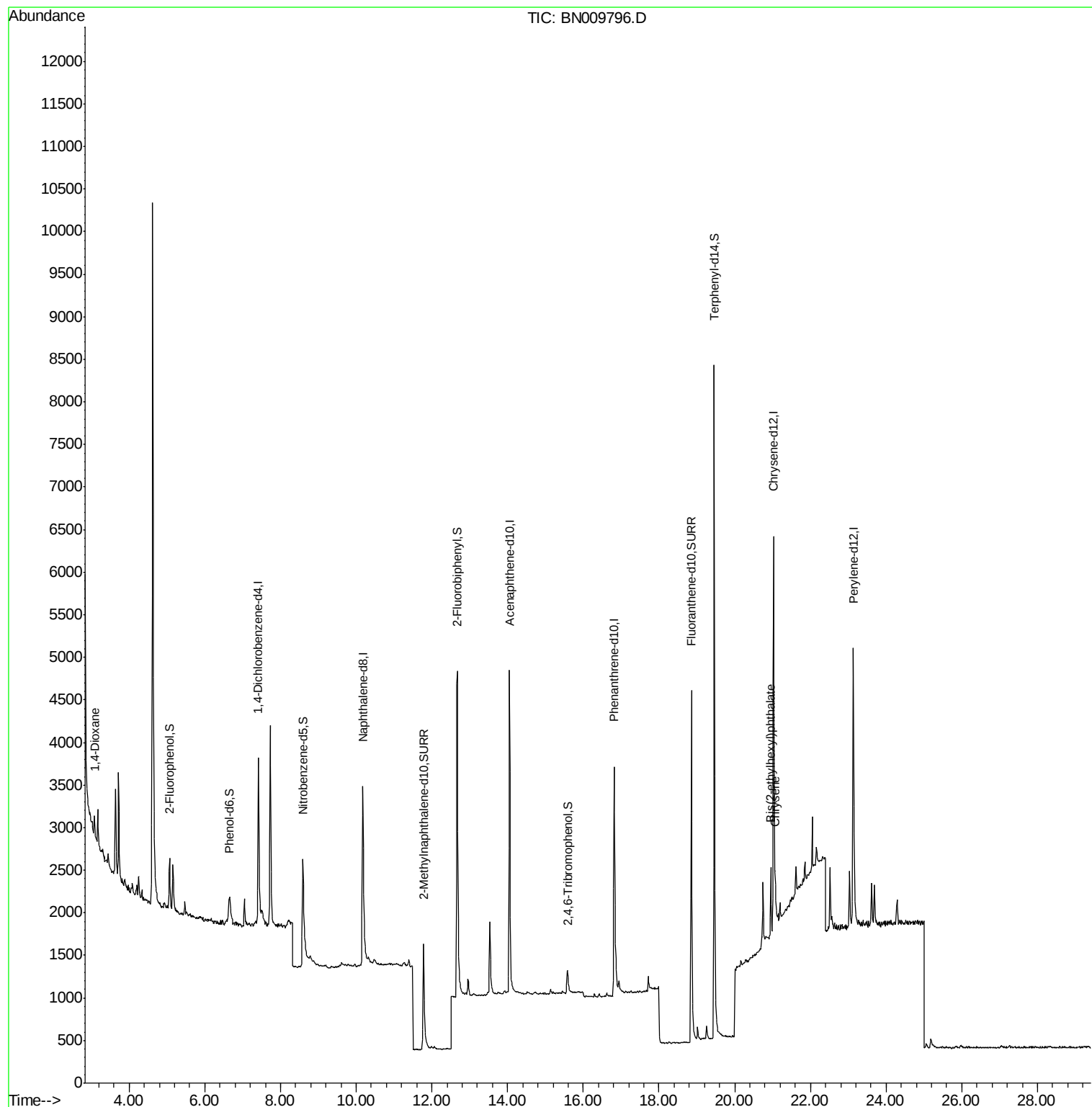
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1331	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	4417	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	2628	0.40	ng	-0.01
19) Phenanthrene-d10	16.82	188	5471	0.40	ng	0.00
27) Chrysene-d12	21.03	240	5515	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5493	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	564	0.19	ng	-0.02
5) Phenol-d6	6.64	99	372	0.10	ng	0.00
8) Nitrobenzene-d5	8.59	82	1778	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	2681	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	328	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	5061	0.51	ng	-0.01
25) Fluoranthene-d10	18.85	212	6429	0.34	ng	0.00
29) Terphenyl-d14	19.46	244	9188	0.70	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.09	88	107	0.078	ng	# 30
31) Chrysene	21.07	228	569	0.027	ng	# 75
32) Bis(2-ethylhexyl)phthalate	20.95	149	756	0.085	ng	93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.41 min Scan# 569

Delta R.T. -0.01 min

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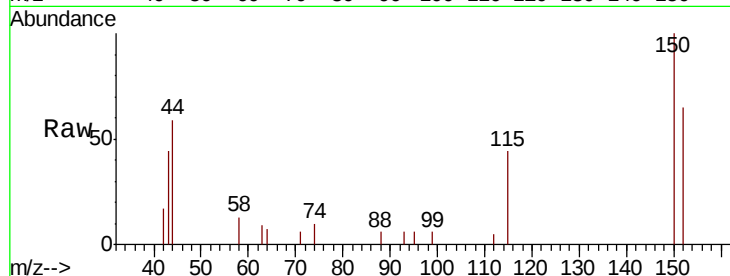
Tot Ion:152 Resp: 1331

Ion Ratio Lower Upper

152 100

150 152.8 120.6 181.0

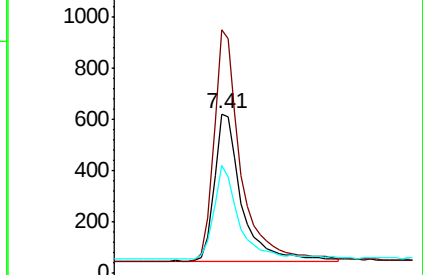
115 67.8 51.2 76.8



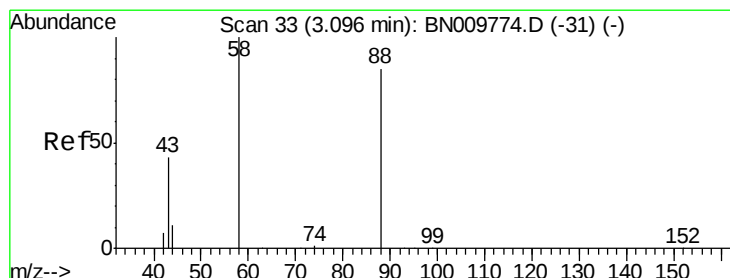
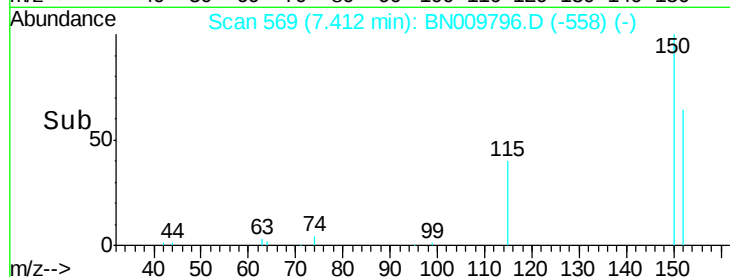
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 0.078 ng

RT: 3.09 min Scan# 32

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

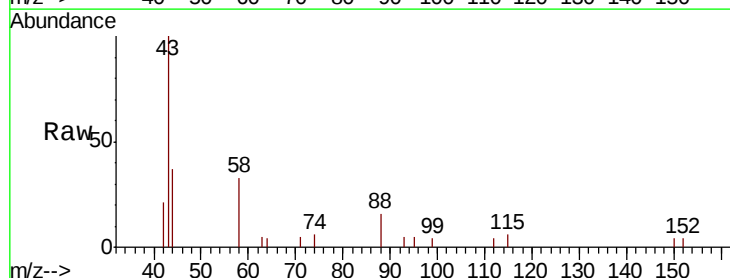
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

58 134.6 97.8 146.8

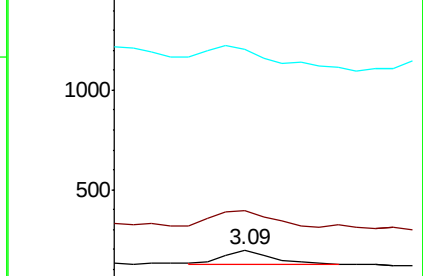
43 200.9 45.1 67.7#



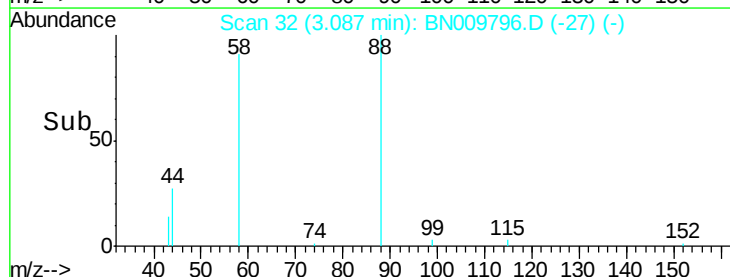
Abundance Ion 88.00 (87.70 to 88.70): BNC

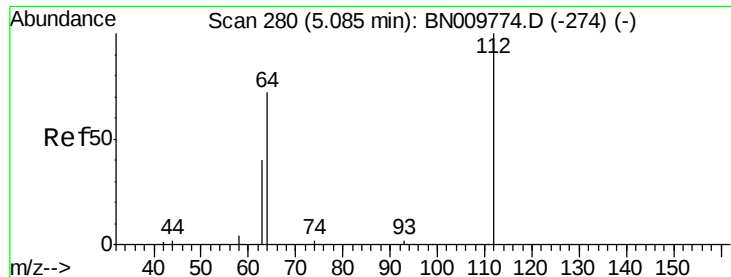
Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



Time-->





#4

2-Fluorophenol

Concen: 0.191 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200217

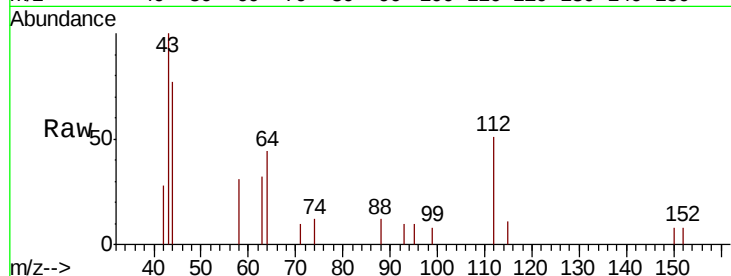
Tot Ion:112 Resp: 564

Ion Ratio Lower Upper

112 100

64 78.0 65.8 98.6

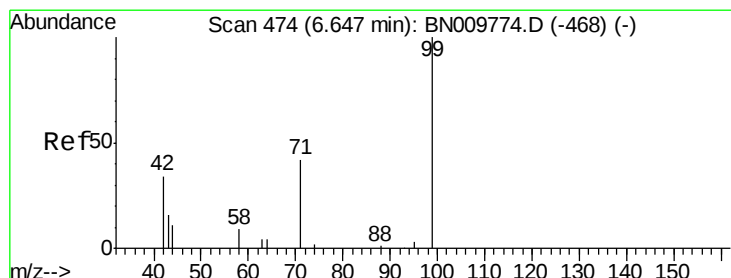
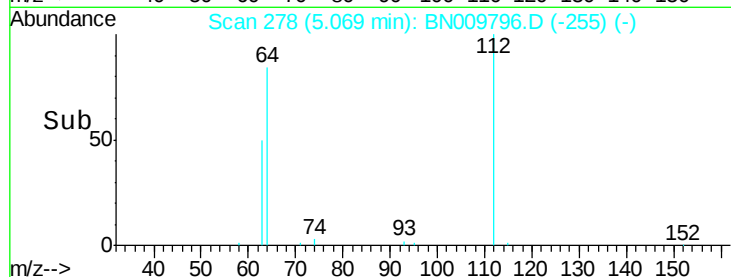
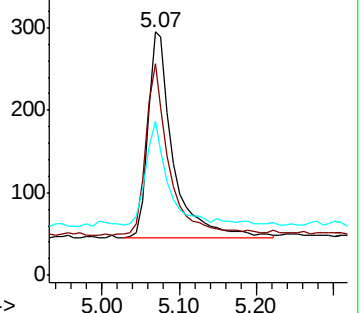
63 43.4 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.103 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

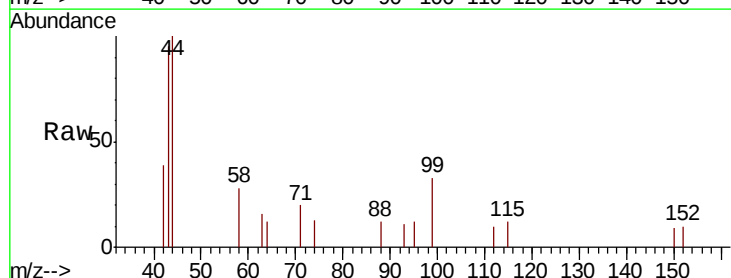
Tgt Ion: 99 Resp: 372

Ion Ratio Lower Upper

99 100

42 32.5 30.8 46.2

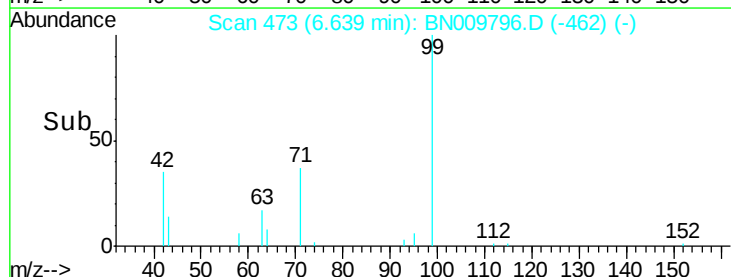
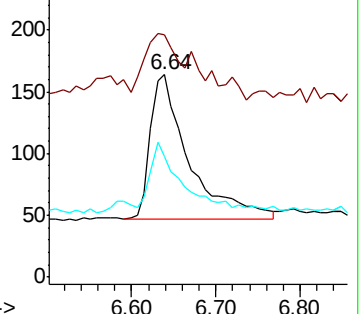
71 40.9 34.9 52.3

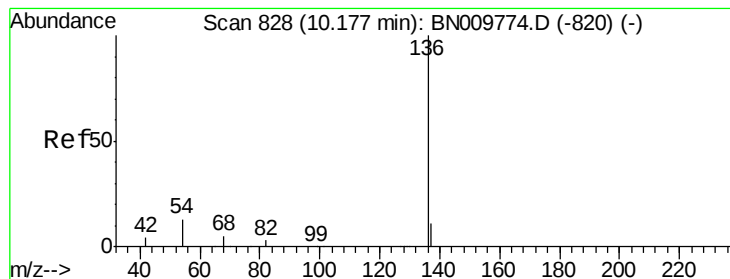


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200217

Tot Ion:136 Resp: 4417

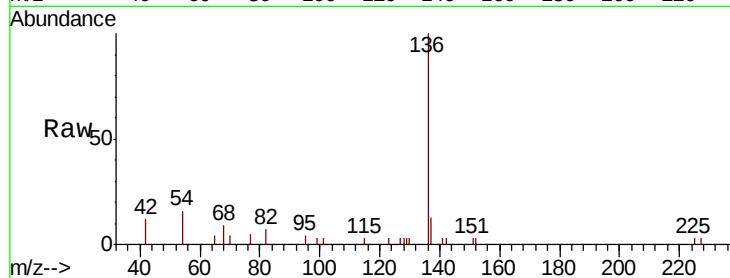
Ion Ratio Lower Upper

136 100

137 13.5 11.3 16.9

54 16.3 13.4 20.2

68 8.7 7.0 10.4

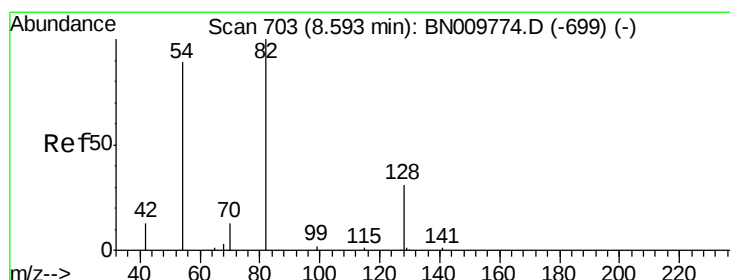
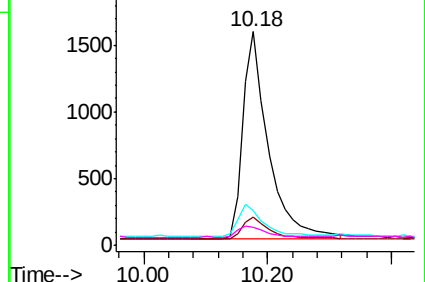
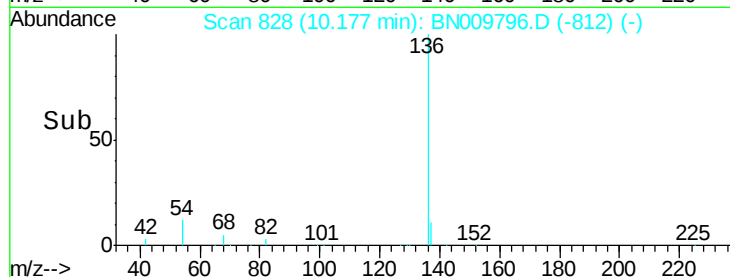


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.484 ng

RT: 8.59 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

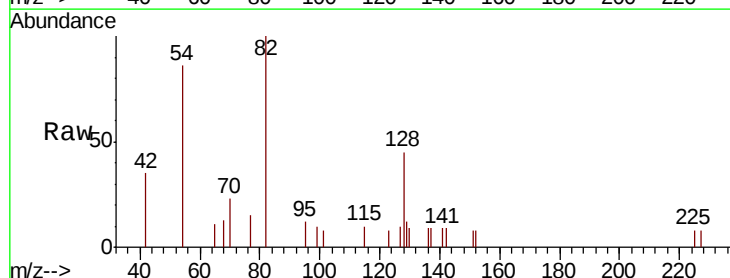
Tgt Ion: 82 Resp: 1778

Ion Ratio Lower Upper

82 100

128 44.9 32.5 48.7

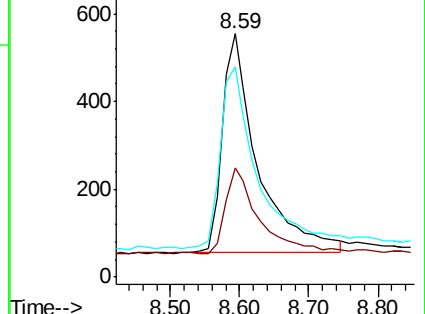
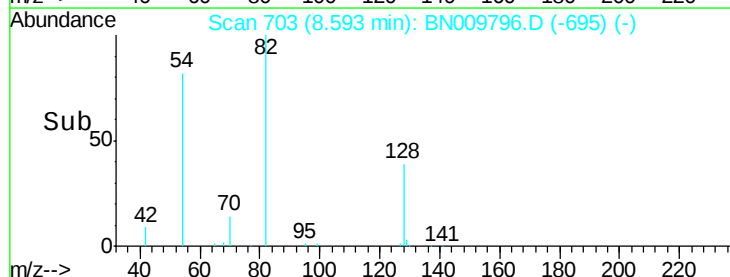
54 86.1 73.5 110.3

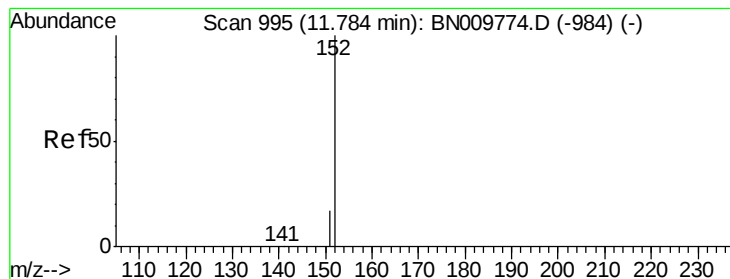


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 11.78 min Scan# 994

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

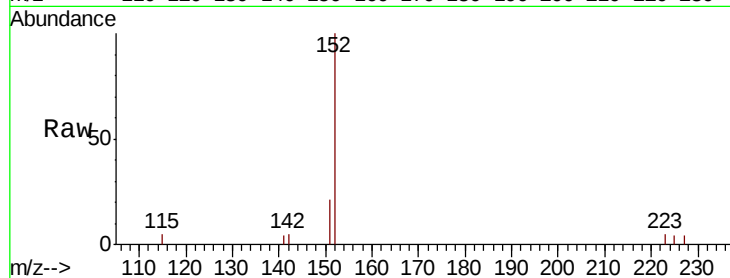
KY038PS038-200217

Tot Ion:152 Resp: 2681

Ion Ratio Lower Upper

152 100

151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.78

1200

1000

800

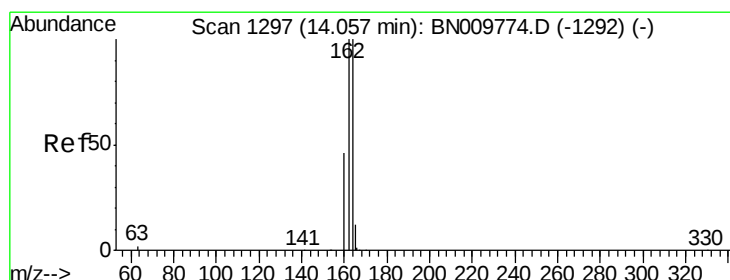
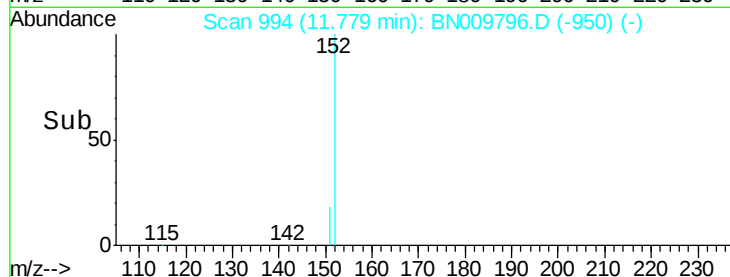
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

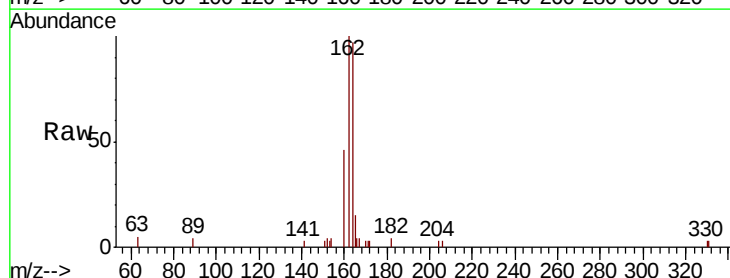
Tgt Ion:164 Resp: 2628

Ion Ratio Lower Upper

164 100

162 102.7 79.9 119.9

160 47.4 38.2 57.2



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

14.05

2000

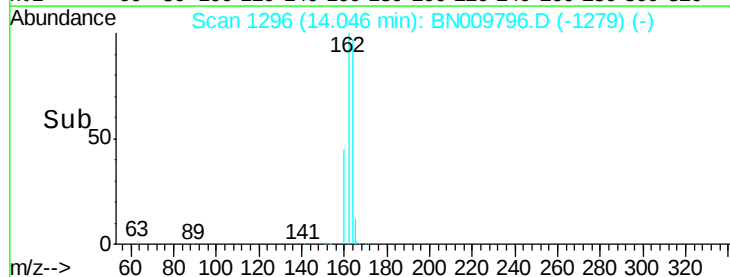
1500

1000

500

0

Time-->

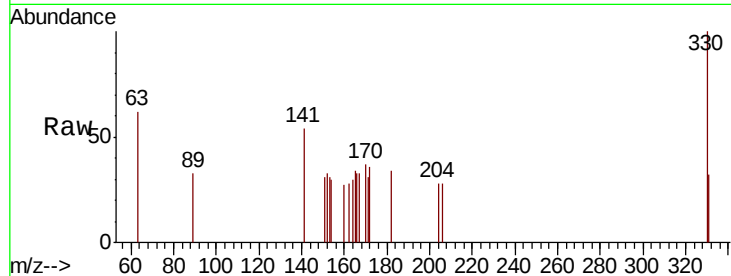




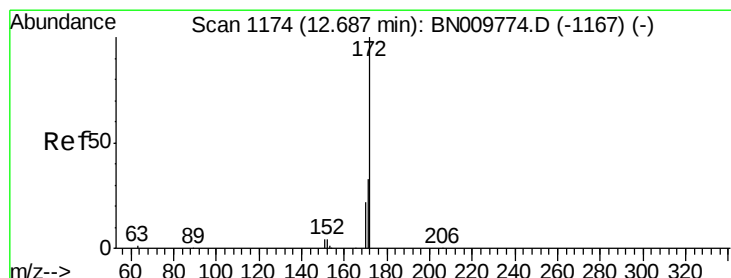
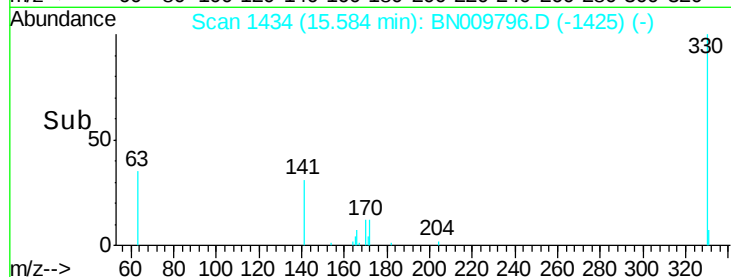
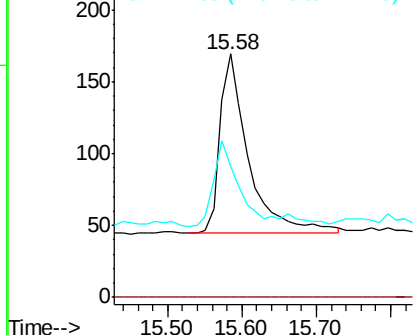
#14
 2,4,6-Tribromophenol
 Concen: 0.324 ng
 RT: 15.58 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BN009796.D
 Acq: 21 Feb 2020 01:35

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-200217

Tot Ion:330 Resp: 328
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 44.2 36.8 55.2

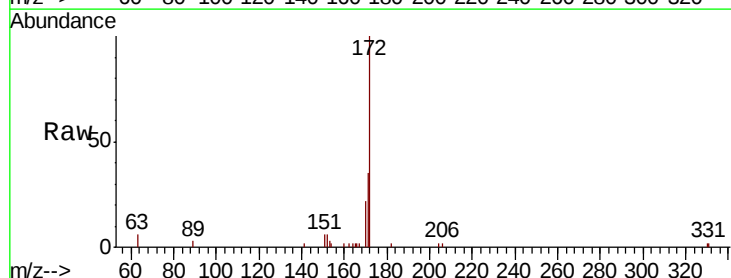


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

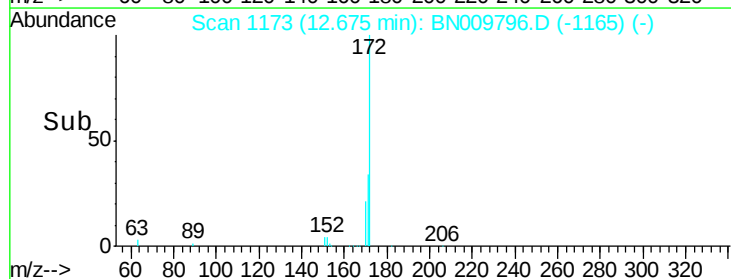
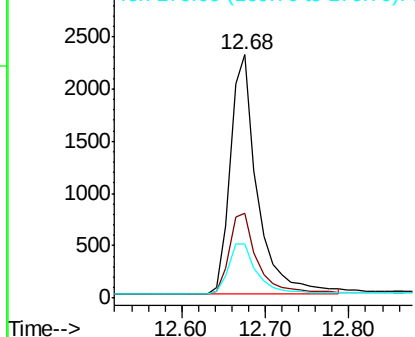


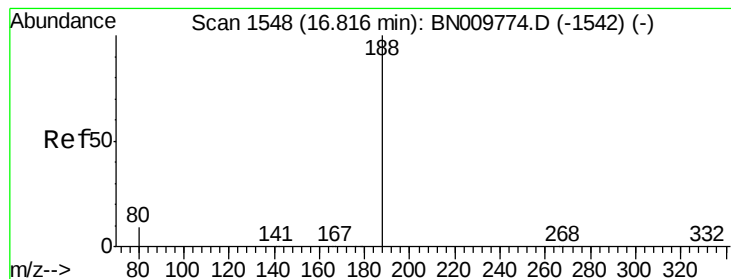
#15
 2-Fluorobiphenyl
 Concen: 0.510 ng
 RT: 12.68 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BN009796.D
 Acq: 21 Feb 2020 01:35

Tgt Ion:172 Resp: 5061
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.7 43.1
 170 22.3 20.1 30.1



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: 16.82 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200217

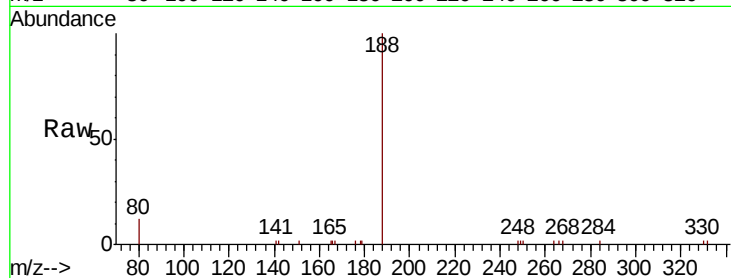
Tot Ion:188 Resp: 5471

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

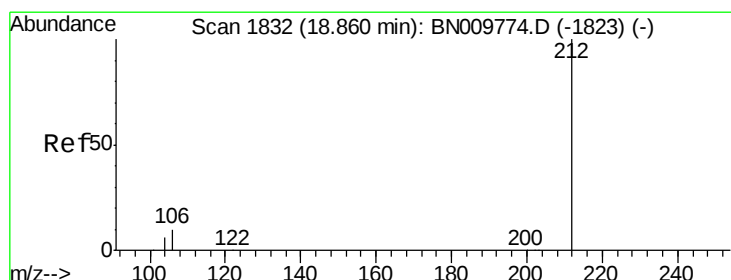
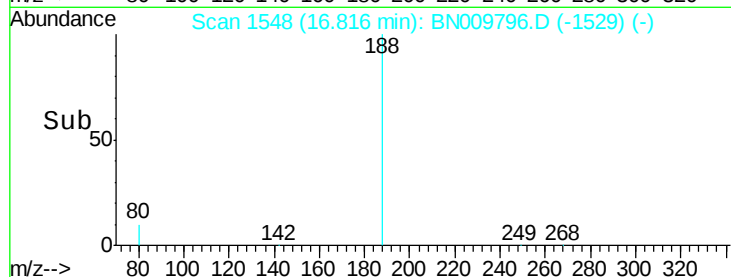
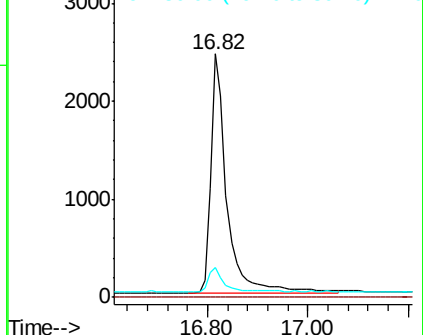
80 12.0 8.3 12.5



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



#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

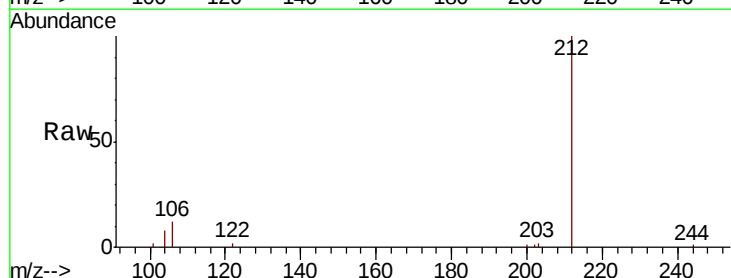
Tgt Ion:212 Resp: 6429

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

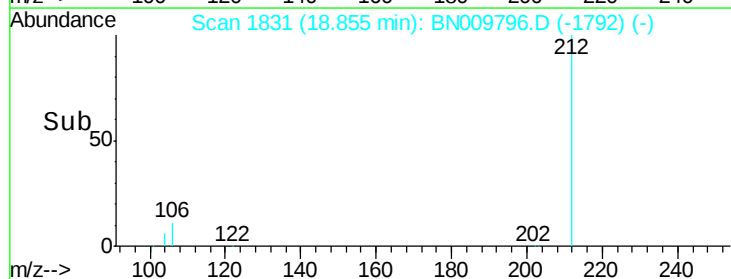
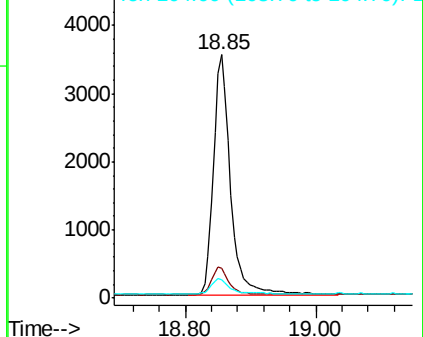
104 6.5 4.8 7.2

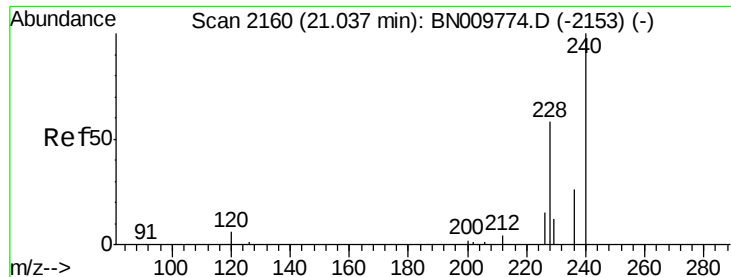


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

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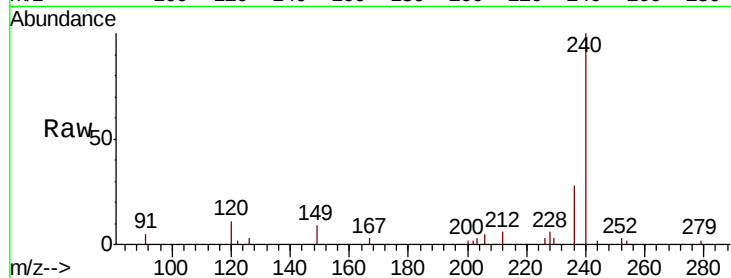
Tot Ion:240 Resp: 5515

Ion Ratio Lower Upper

240 100

120 11.1 7.9 11.9

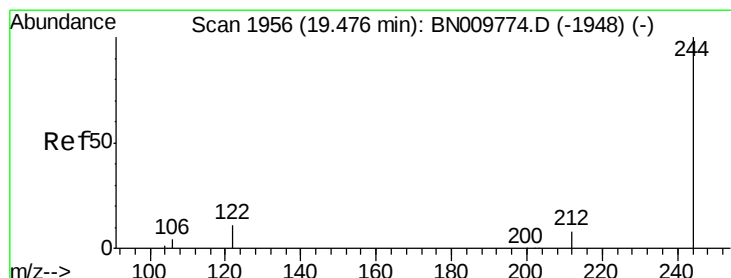
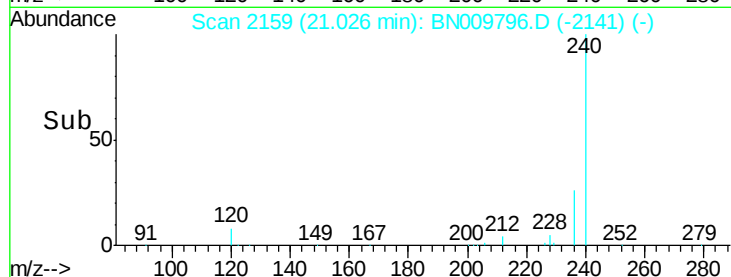
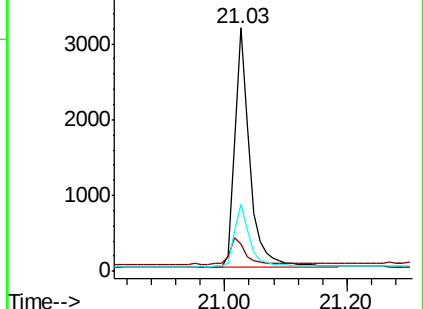
236 27.7 22.0 33.0



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



#29

Terphenyl-d14

Concen: 0.697 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

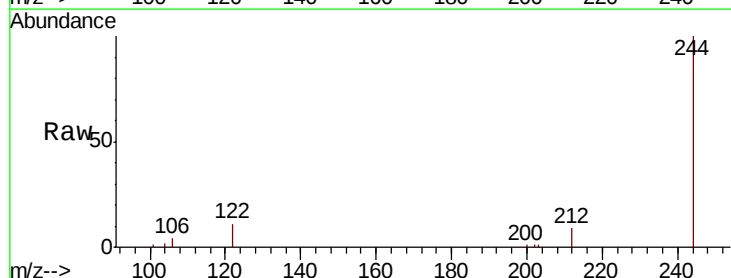
Tgt Ion:244 Resp: 9188

Ion Ratio Lower Upper

244 100

212 8.8 8.0 12.0

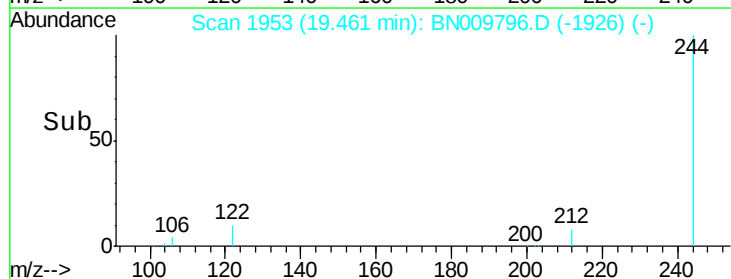
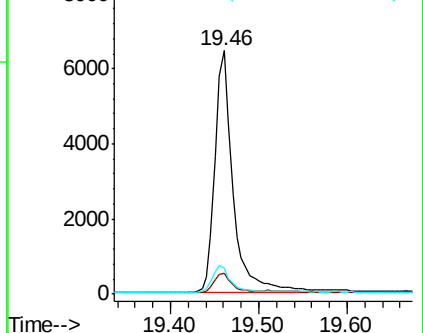
122 10.8 10.0 15.0

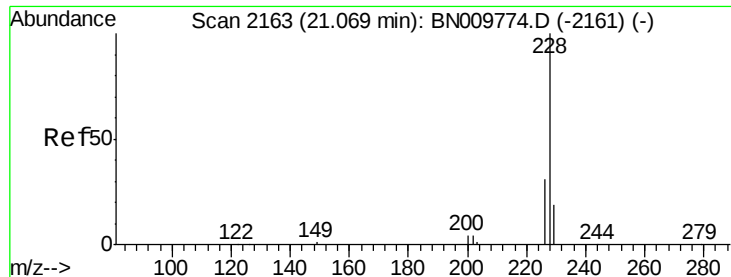


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.027 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200217

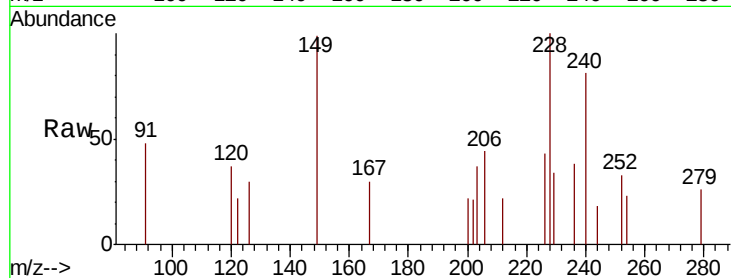
Tot Ion:228 Resp: 569

Ion Ratio Lower Upper

228 100

226 43.4 24.8 37.2#

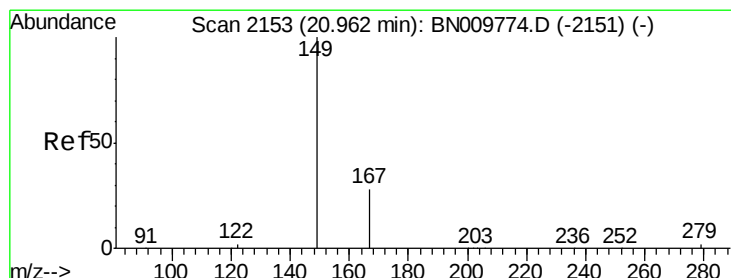
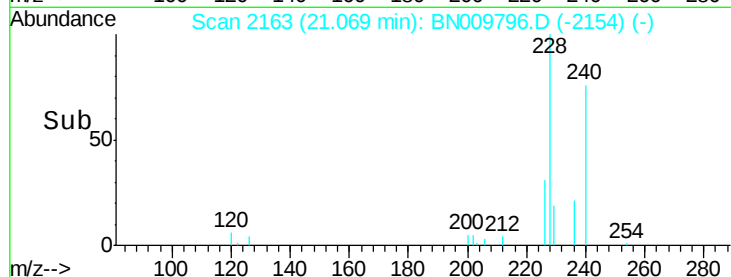
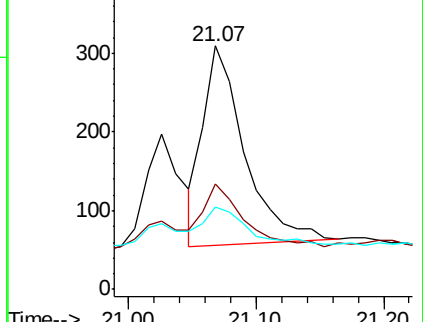
229 34.0 16.4 24.6#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

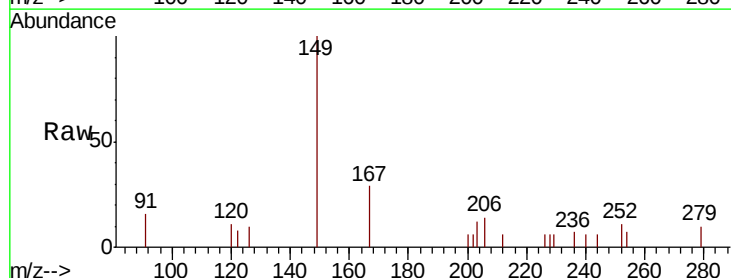
Tgt Ion:149 Resp: 756

Ion Ratio Lower Upper

149 100

167 24.5 22.7 34.1

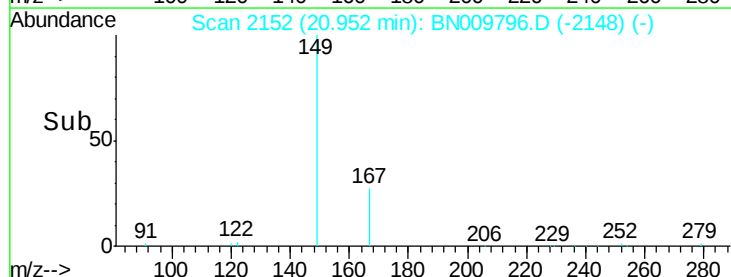
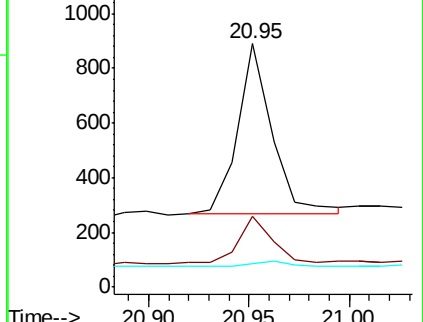
279 4.2 3.1 4.7

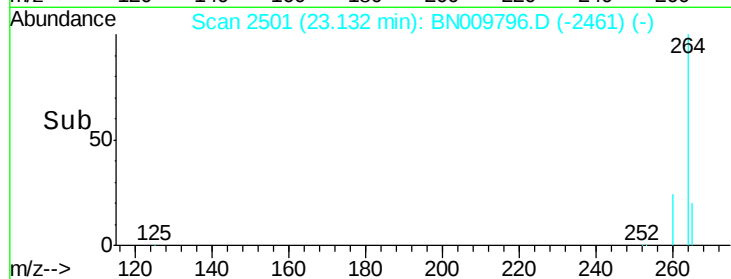
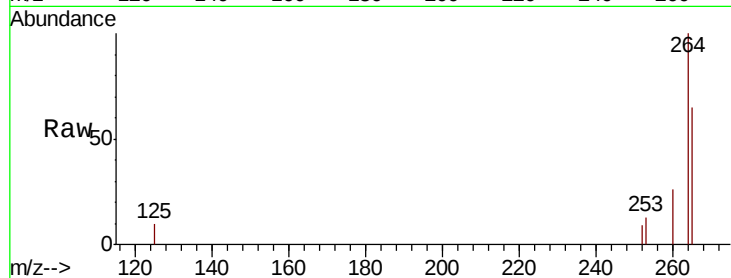
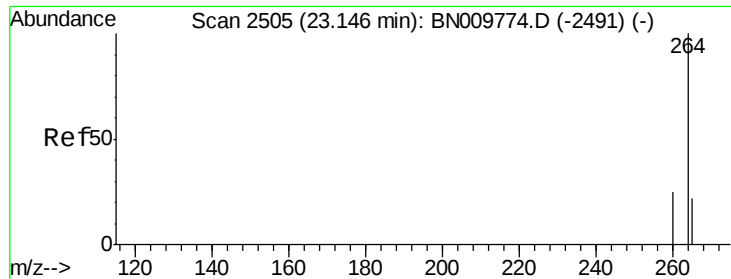


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.13 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

KY038PS038-200217

Tot Ion: 264 Resp: 5493

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

265 64.8 57.5 86.3

