

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
 Data File : BN009026.D
 Acq On : 18 Dec 2019 21:51
 Operator : JU
 Sample : K6237-04RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209RE

Quant Time: Dec 19 01:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 00:50:46 2019
 Response via : Initial Calibration

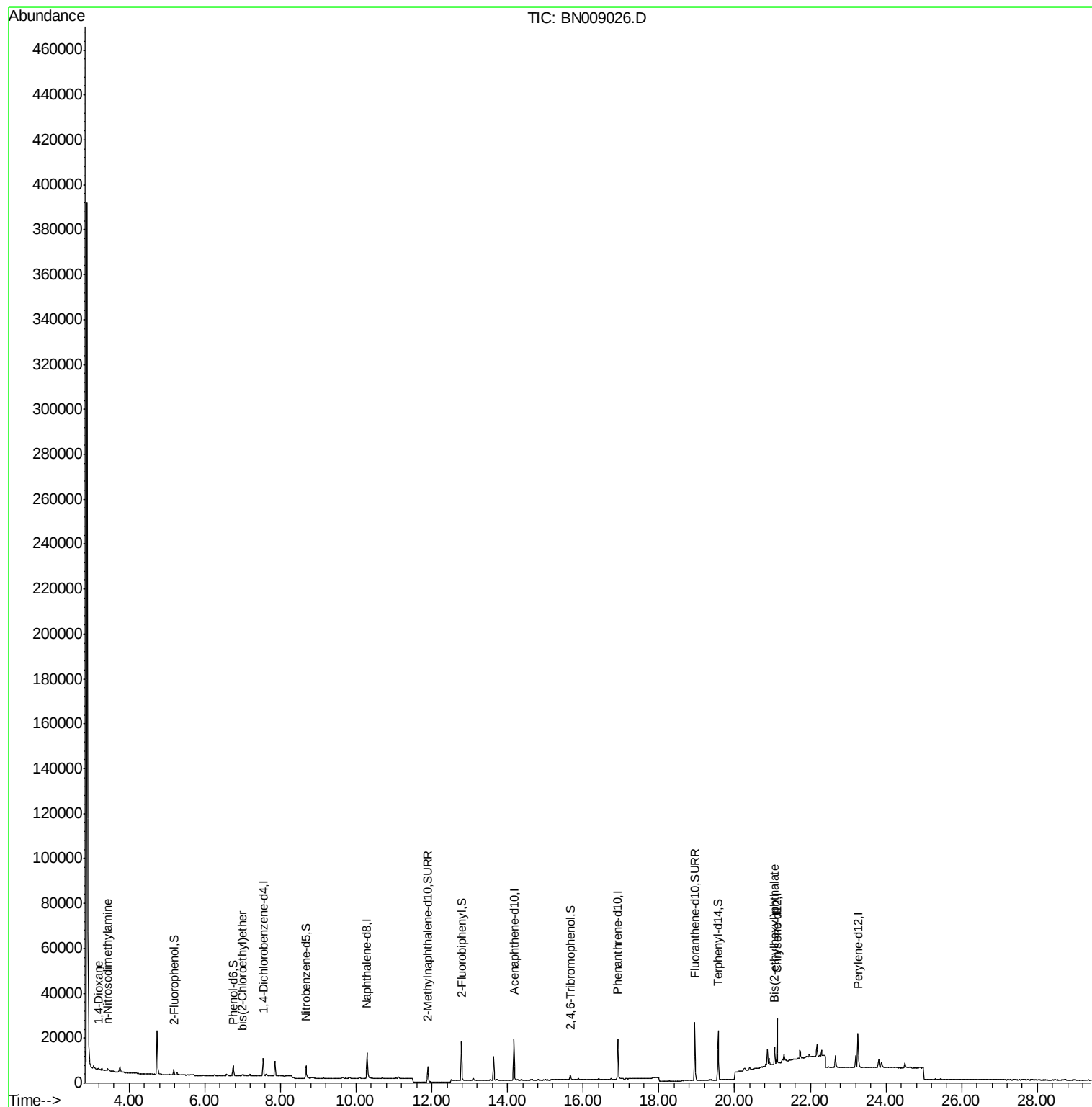
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3878	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	15302	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	10616	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	24611	0.40	ng	0.00
27) Chrysene-d12	21.12	240	20660	0.40	ng	0.00
34) Perylene-d12	23.26	264	18402	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1726	0.18	ng	0.00
5) Phenol-d6	6.74	99	1402	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	4822	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	9989	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	1820	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	14748	0.37	ng	0.00
25) Fluoranthene-d10	18.95	212	29533	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	22007	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	270	0.074	ng	# 80
3) n-Nitrosodimethylamine	3.43	42	189	0.038	ng	# 3
6) bis(2-Chloroethyl)ether	6.99	93	372	0.029	ng	# 22
32) Bis(2-ethylhexyl)phthalate	21.06	149	6961	0.203	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209RE

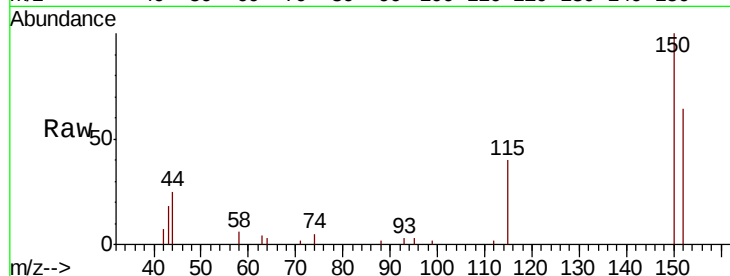
Tot Ion:152 Resp: 3878

Ion Ratio Lower Upper

152 100

150 157.0 122.3 183.5

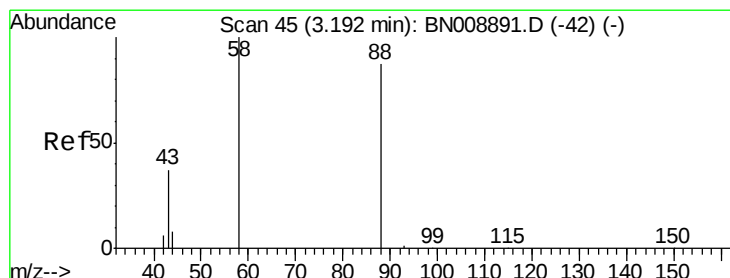
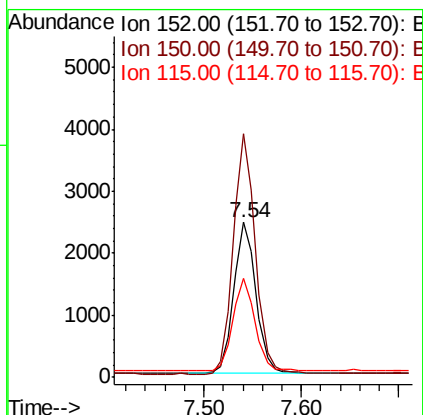
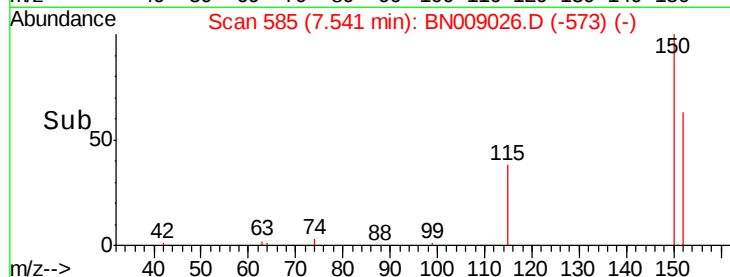
115 63.5 48.4 72.6



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



#2

1,4-Dioxane

Concen: 0.074 ng

RT: 3.18 min Scan# 44

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

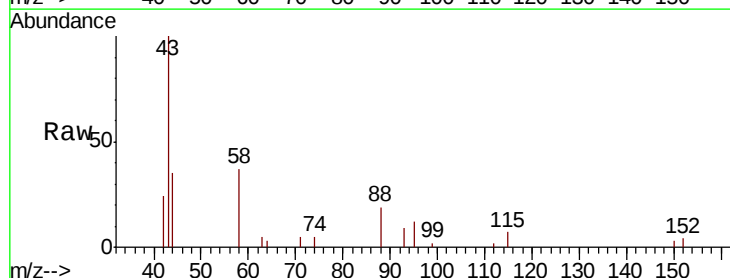
Tgt Ion: 88 Resp: 270

Ion Ratio Lower Upper

88 100

58 107.0 88.6 132.8

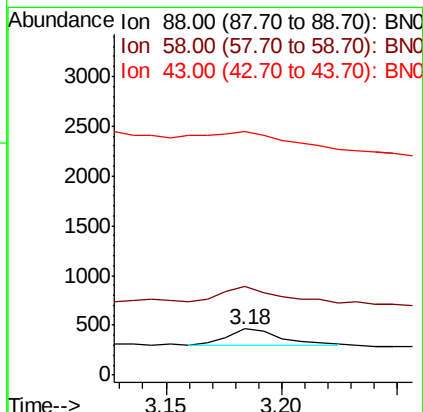
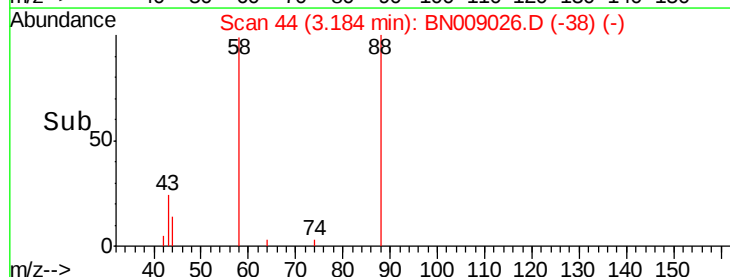
43 0.0 31.8 47.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.43 min Scan# 75

Delta R.T. -0.06 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209RE

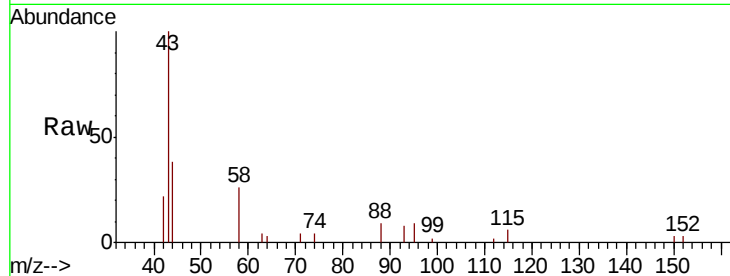
Tot Ion: 42 Resp: 189

Ion Ratio Lower Upper

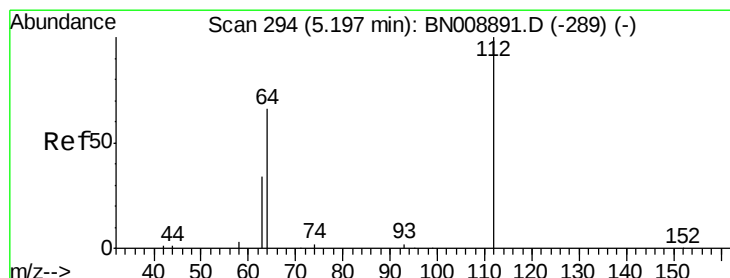
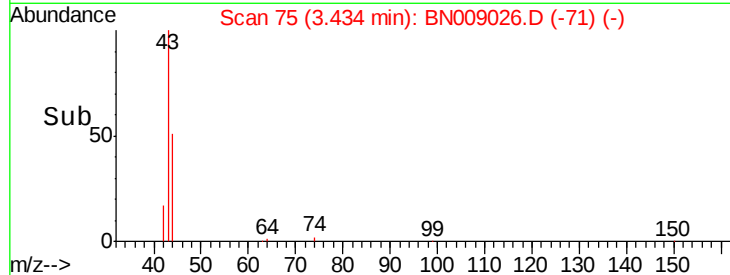
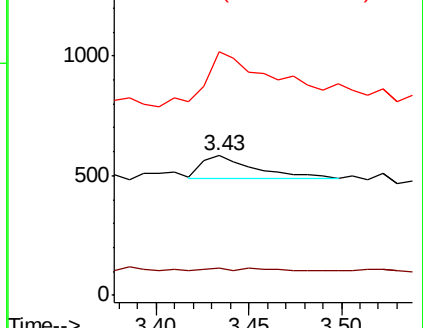
42 100

74 2.1 78.6 117.8#

44 349.2 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

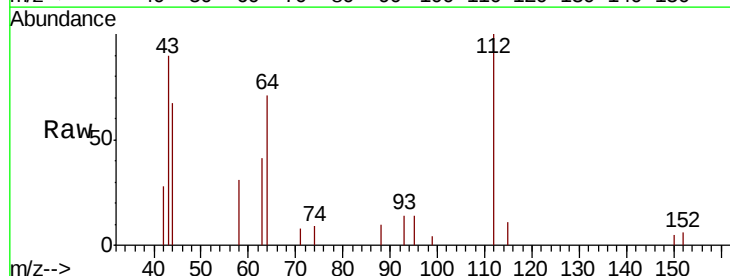
Tgt Ion: 112 Resp: 1726

Ion Ratio Lower Upper

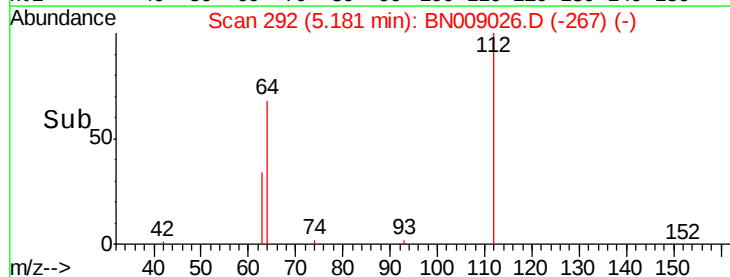
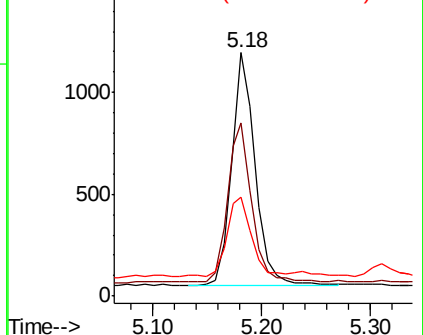
112 100

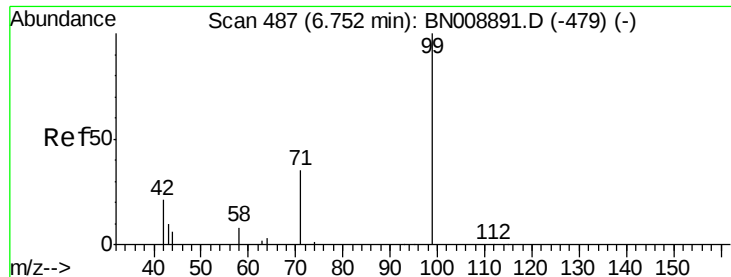
64 70.1 57.7 86.5

63 34.7 29.6 44.4



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: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209RE

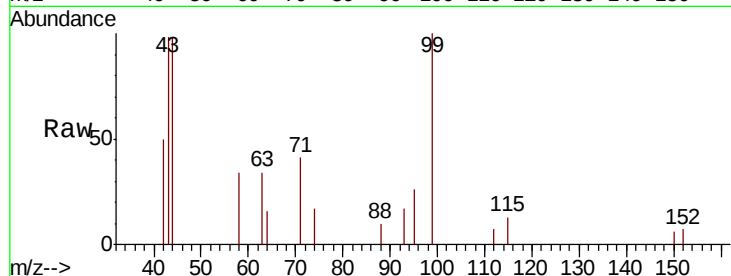
Tot Ion: 99 Resp: 1402

Ion Ratio Lower Upper

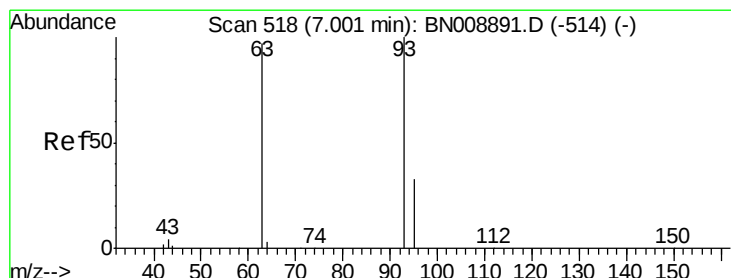
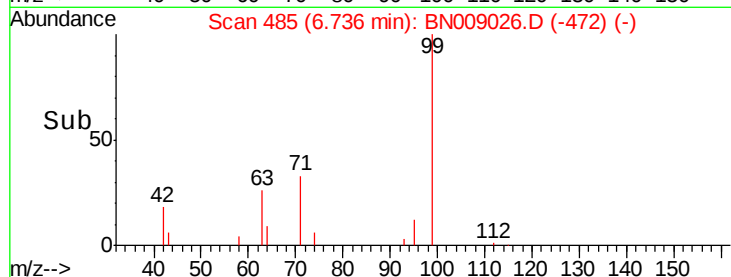
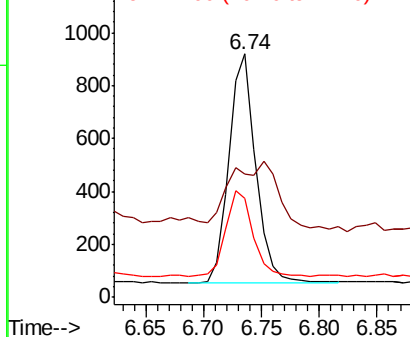
99 100

42 0.0 20.1 30.1#

71 37.0 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#6

bis(2-Chloroethyl)ether

Concen: 0.029 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.01 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

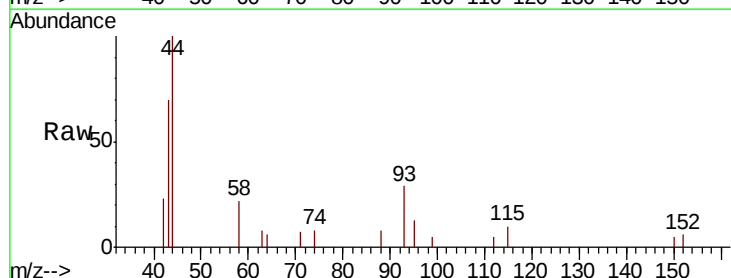
Tgt Ion: 93 Resp: 372

Ion Ratio Lower Upper

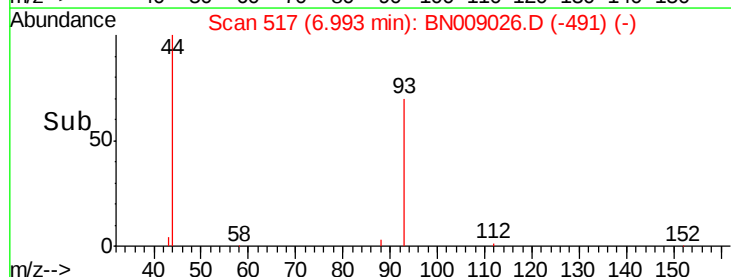
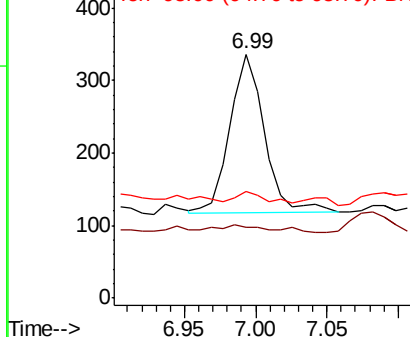
93 100

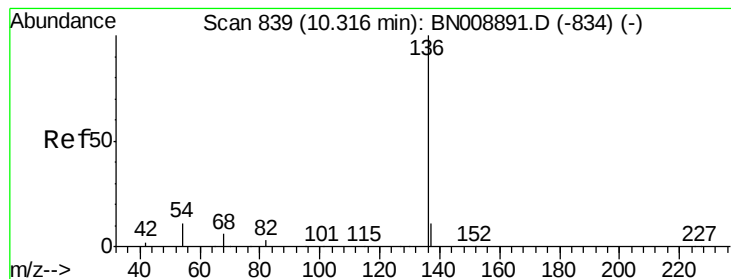
63 7.5 73.5 110.3#

95 4.8 26.0 39.0#



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209RE

Tot Ion:136 Resp: 15302

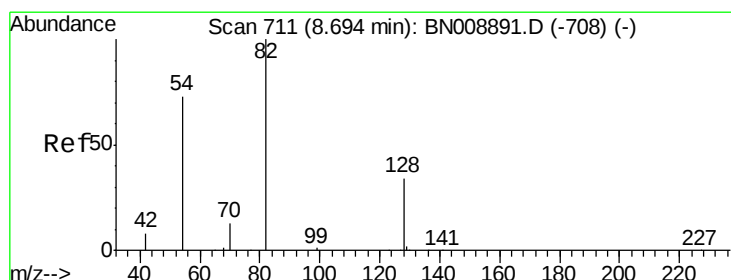
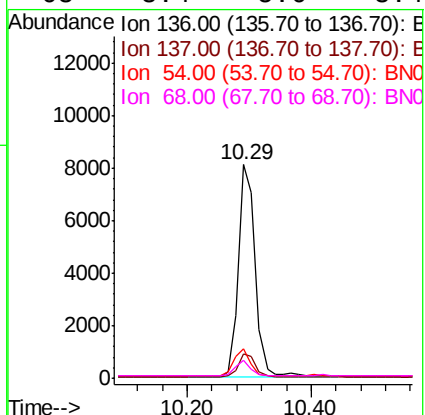
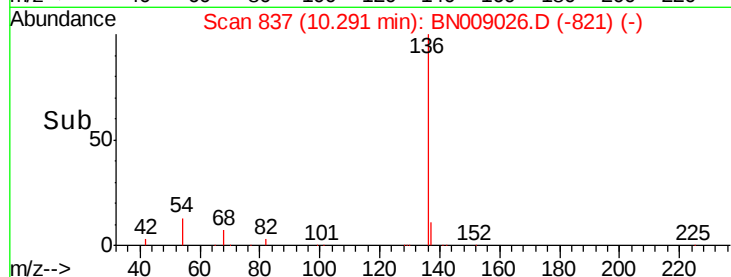
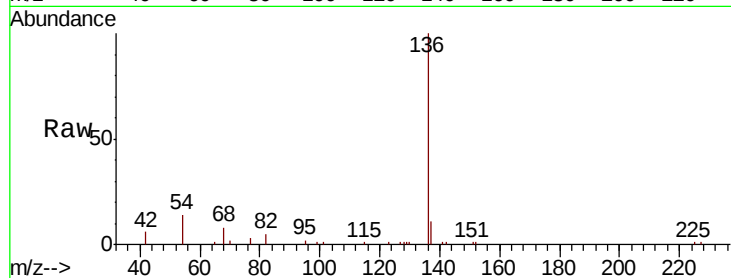
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 14.0 9.6 14.4

68 8.4 5.6 8.4#



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

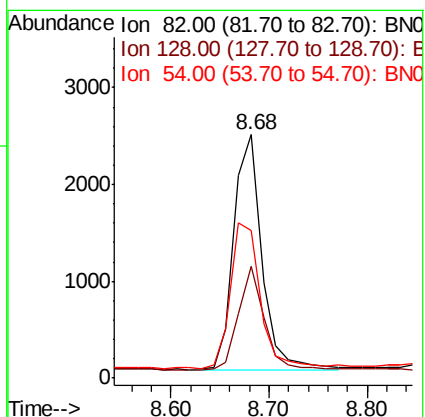
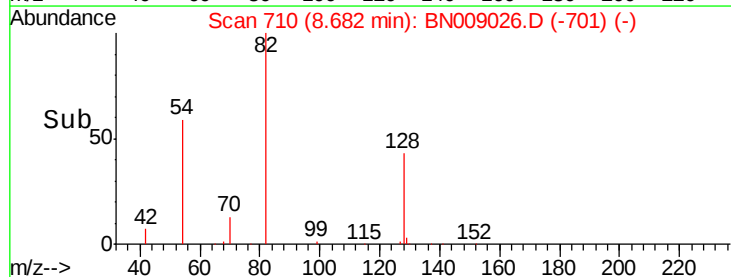
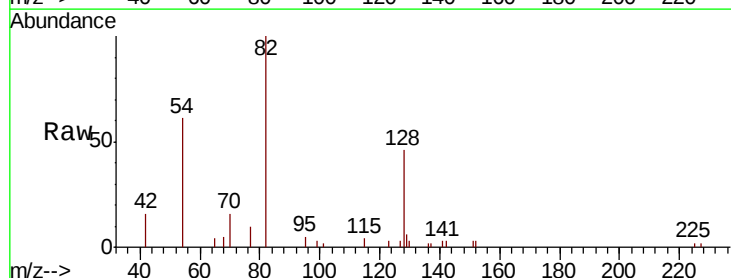
Tgt Ion: 82 Resp: 4822

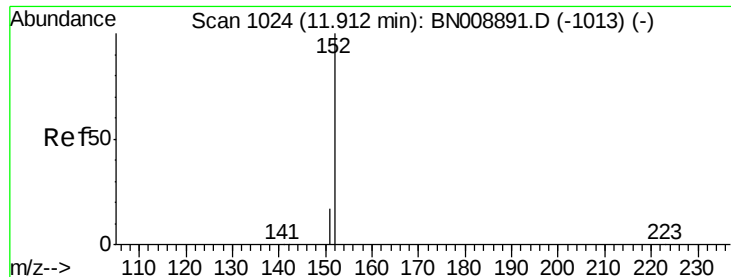
Ion Ratio Lower Upper

82 100

128 45.7 29.1 43.7#

54 60.8 59.7 89.5

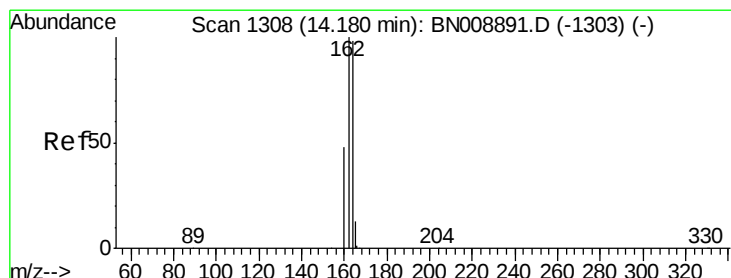
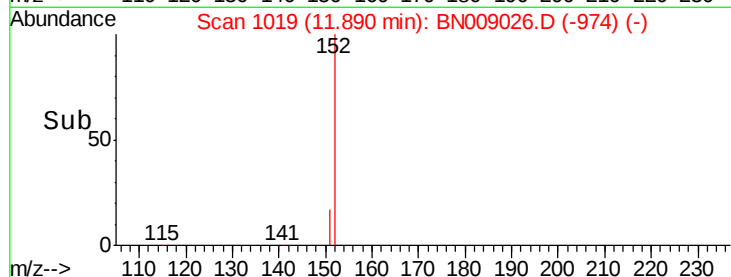
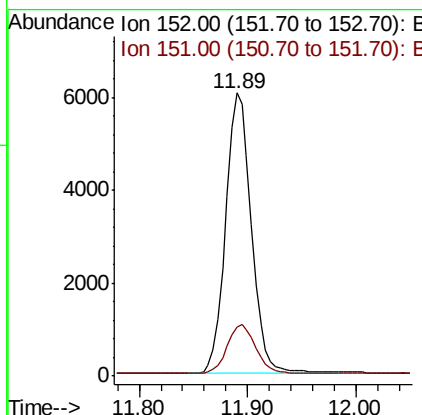
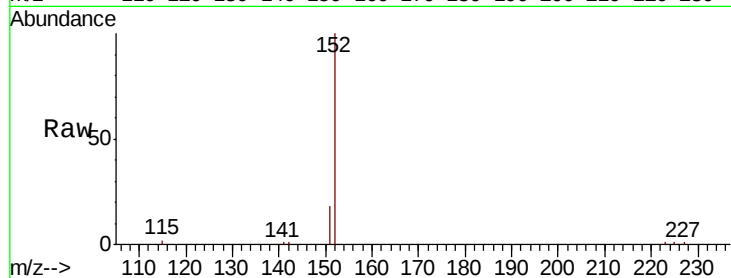




#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.89 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

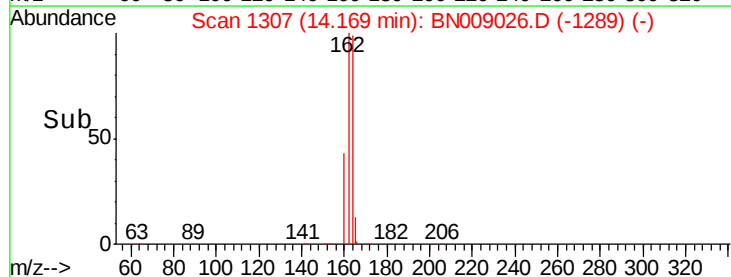
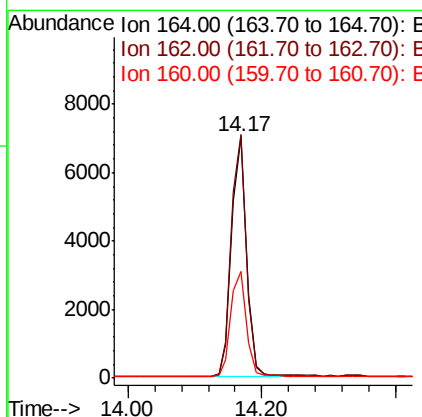
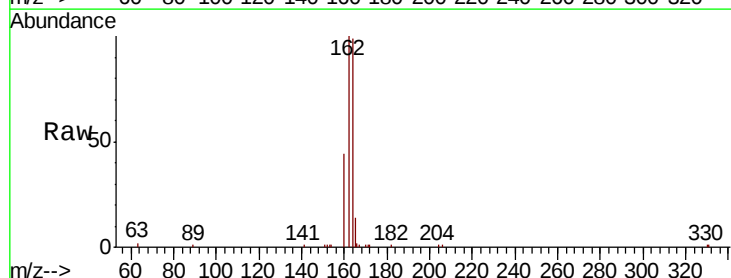
Instrument :
BNA_N
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KY038PS038-191209RE

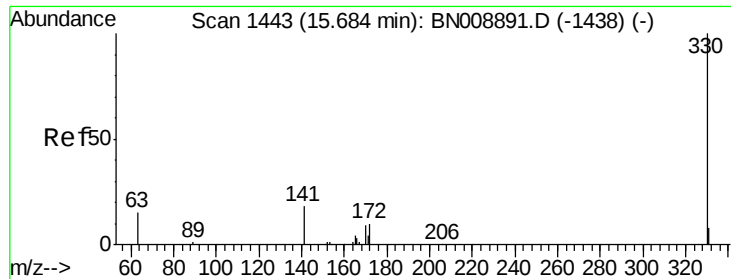
Tot Ion:152 Resp: 9989
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN009026.D
Acq: 18 Dec 2019 21:51

Tgt Ion:164 Resp: 10616
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.9 39.3 58.9

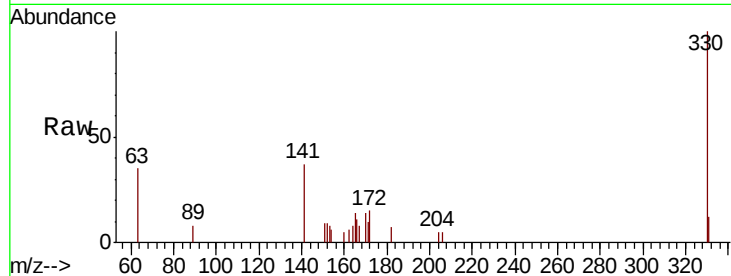




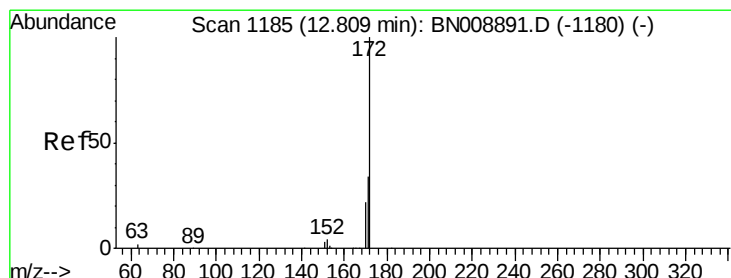
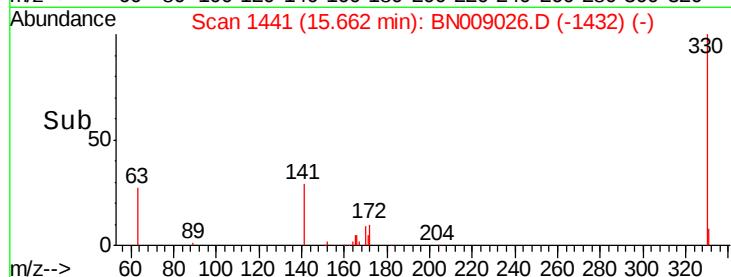
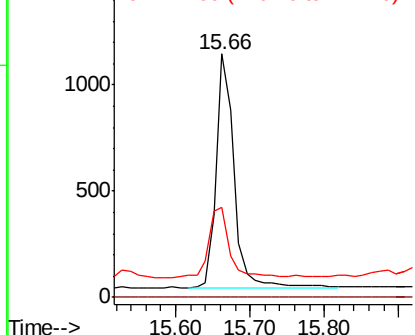
#14
 2,4,6-Tribromophenol
 Concen: 0.357 ng
 RT: 15.66 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209RE

Tot Ion:330 Resp: 1820
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.9 29.6 44.4

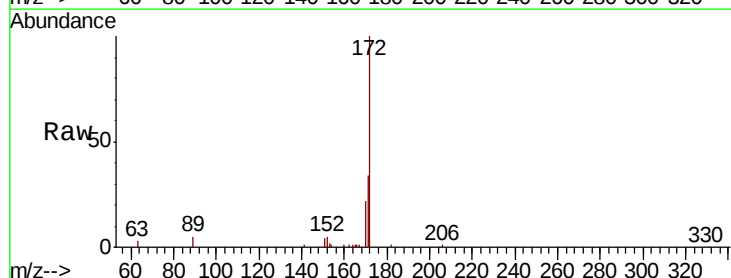


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

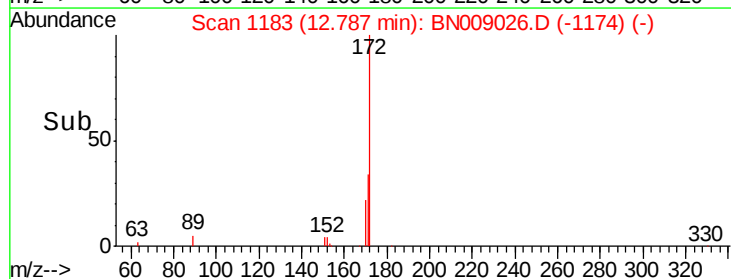
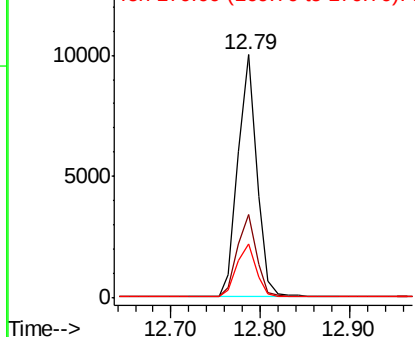


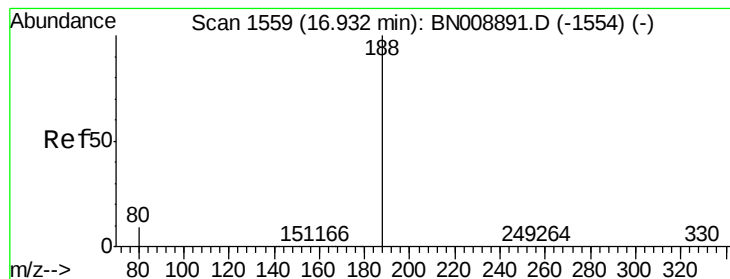
#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Tgt Ion:172 Resp: 14748
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.1 40.7
 170 22.2 17.7 26.5



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: 16.91 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209RE

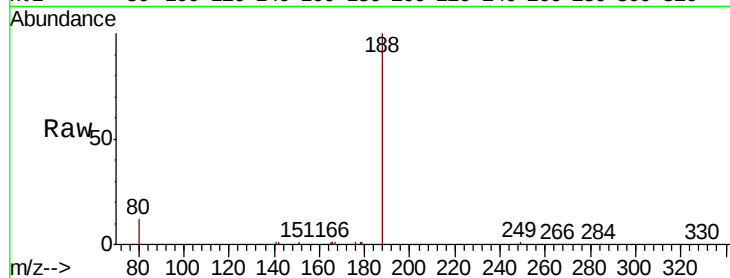
Tot Ion:188 Resp: 24611

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

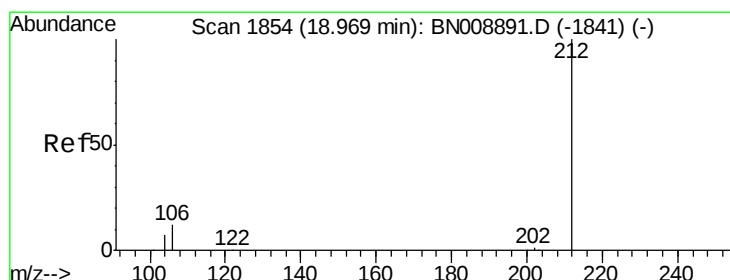
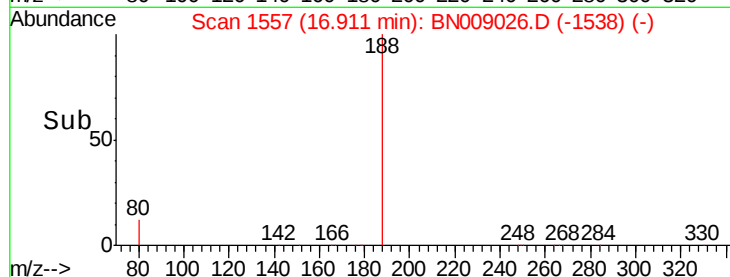
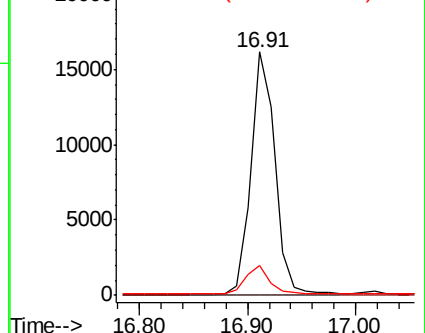
80 12.3 7.3 10.9#



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: 0.397 ng

RT: 18.95 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN009026.D

Acq: 18 Dec 2019 21:51

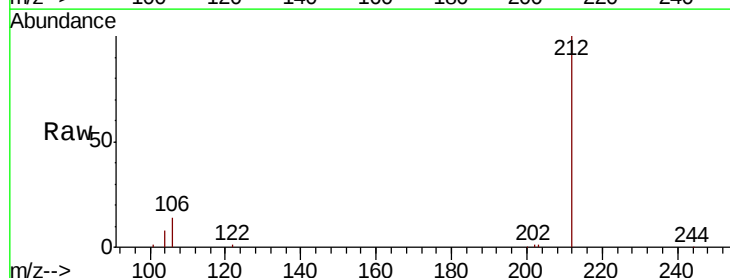
Tgt Ion:212 Resp: 29533

Ion Ratio Lower Upper

212 100

106 12.9 10.4 15.6

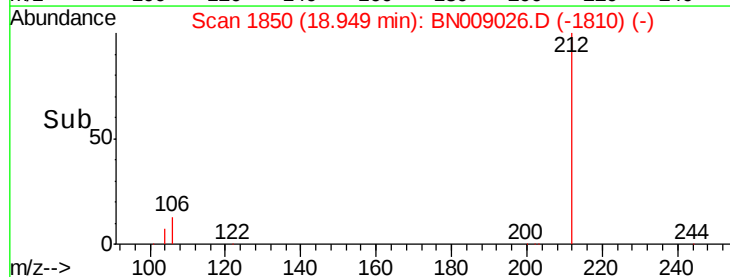
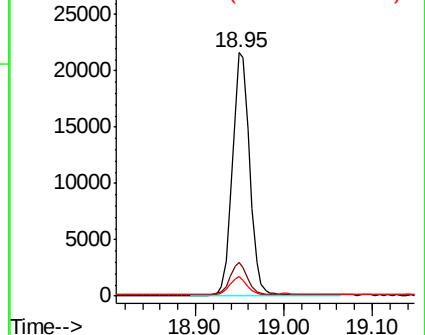
104 7.2 5.9 8.9

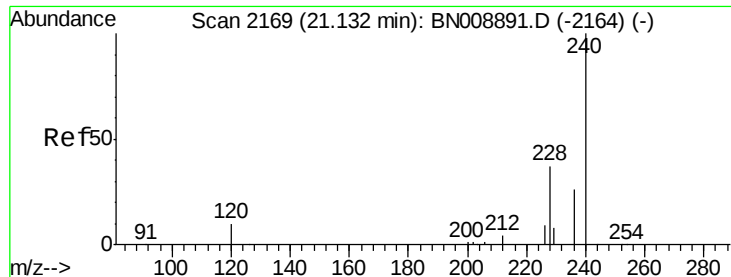


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

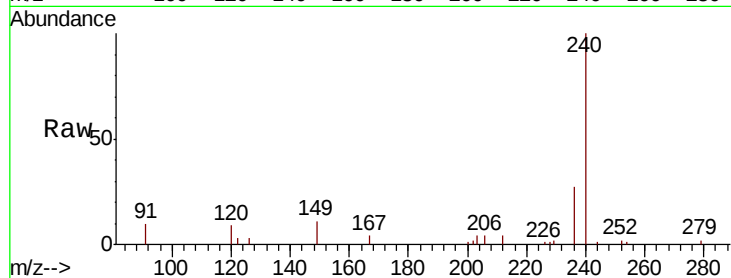




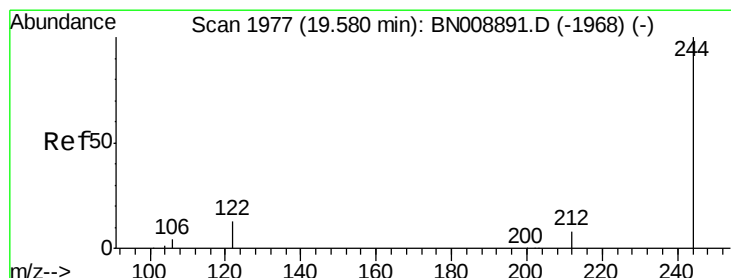
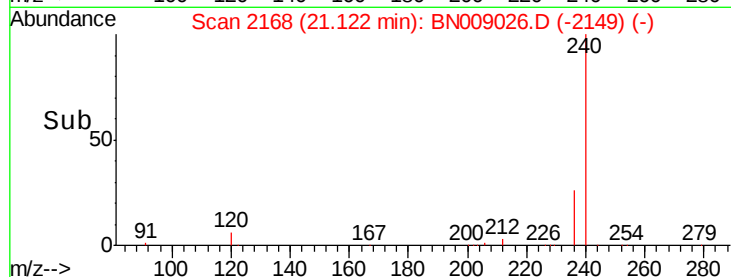
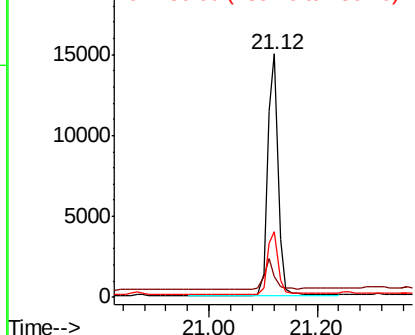
#27
 Chrvsene-d12
 Concen: 0.400 ng
 RT: 21.12 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209RE

Tot Ion:240 Resp: 20660
 Ion Ratio Lower Upper
 240 100
 120 8.7 9.1 13.7#
 236 26.7 21.5 32.3

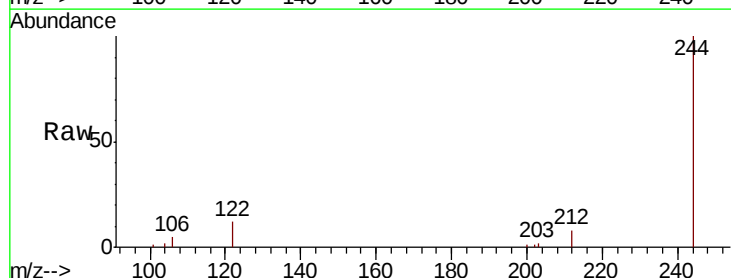


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

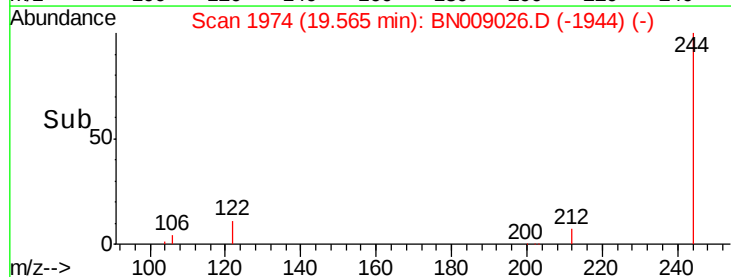
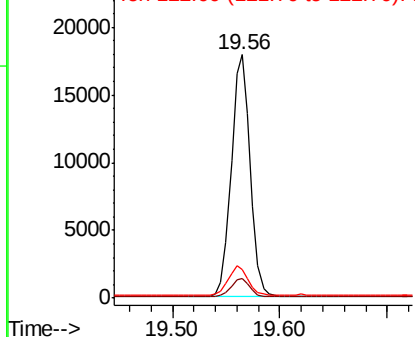


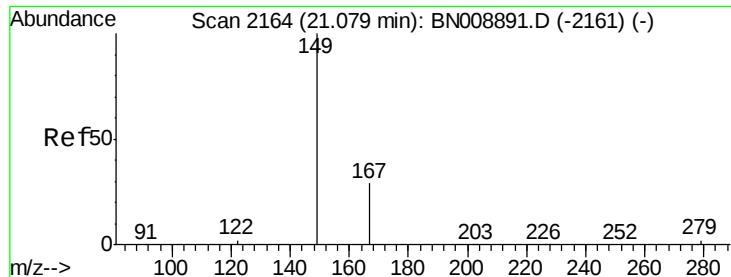
#29
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.56 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Tgt Ion:244 Resp: 22007
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 11.9 10.4 15.6



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

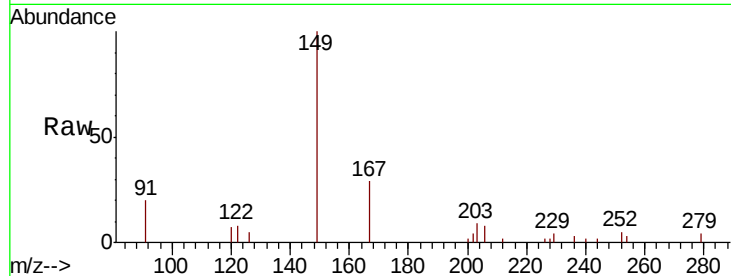




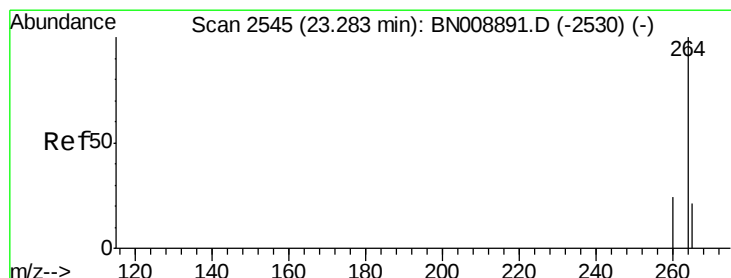
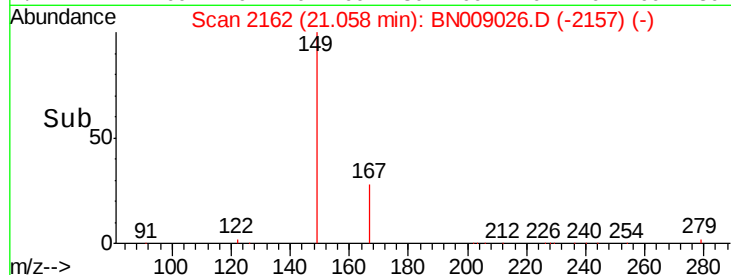
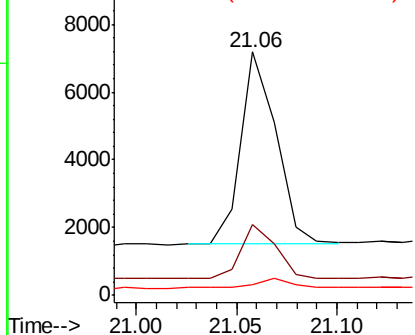
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.203 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209RE

Tot Ion:149 Resp: 6961
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.7 34.1
 279 4.2 3.3 4.9

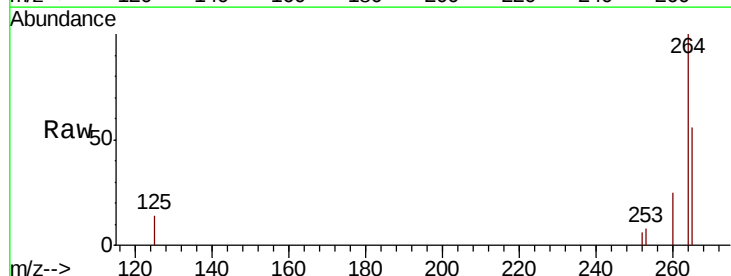


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN009026.D
 Acq: 18 Dec 2019 21:51

Tgt Ion:264 Resp: 18402
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 55.9 47.5 71.3



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

