

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\
 Data File : BN009014.D
 Acq On : 17 Dec 2019 13:40
 Operator : JU
 Sample : K6237-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209

Quant Time: Dec 17 16:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

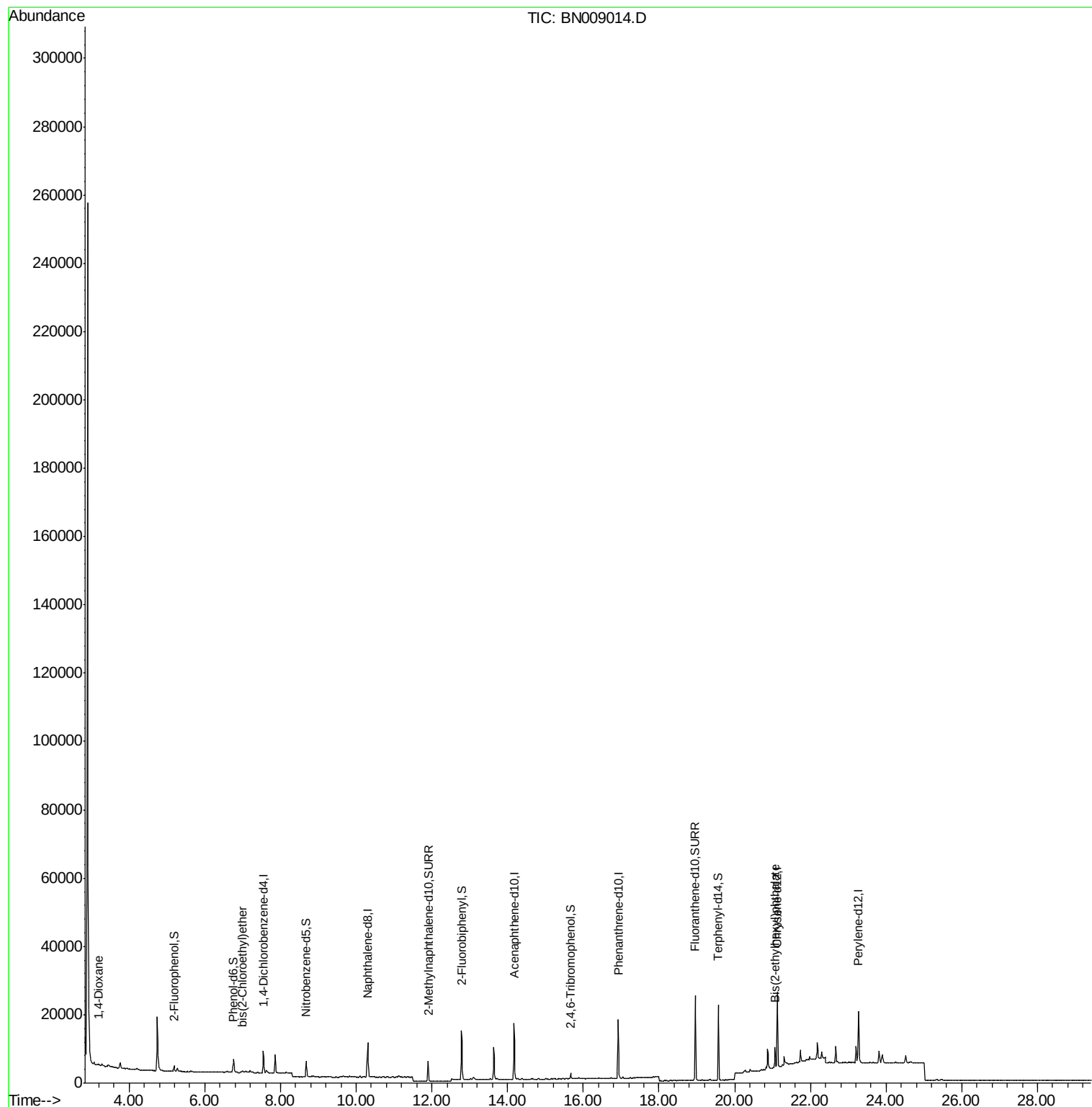
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	3107	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	12879	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	9338	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	22732	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	20970	0.40	ng	-0.01
34) Perylene-d12	23.27	264	18692	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1281	0.16	ng	0.00
5) Phenol-d6	6.74	99	1108	0.10	ng	-0.02
8) Nitrobenzene-d5	8.68	82	3936	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	8671	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.67	330	1429	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	13095	0.37	ng	-0.02
25) Fluoranthene-d10	18.96	212	28039	0.41	ng	0.00
29) Terphenyl-d14	19.57	244	20807	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	168	0.058	ng	# 39
6) bis(2-Chloroethyl)ether	7.00	93	250	0.024	ng	# 25
32) Bis(2-ethylhexyl)phthalate	21.07	149	5224	0.150	ng	97

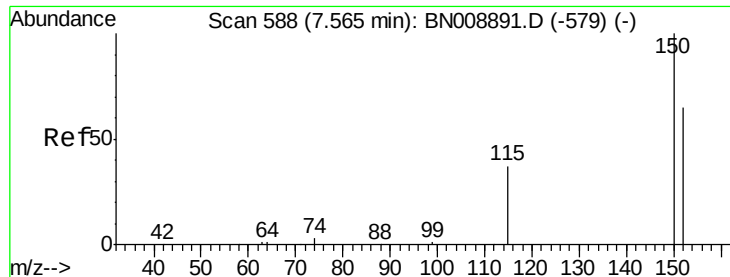
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.55 min Scan# 586

Delta R.T. -0.02 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

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BNA_N

ClientSampleId :

KY038PS038-191209

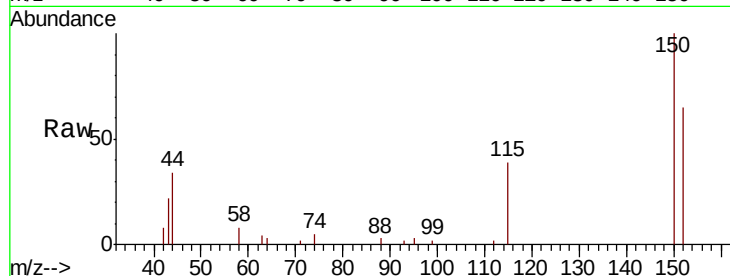
Tot Ion:152 Resp: 3107

Ion Ratio Lower Upper

152 100

150 154.5 122.3 183.5

115 60.8 48.4 72.6

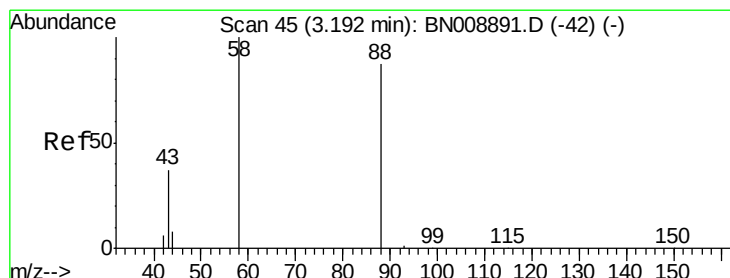
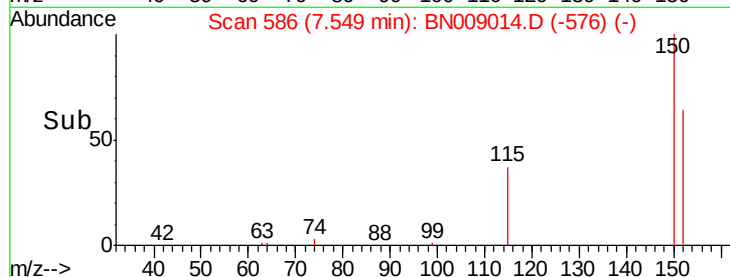
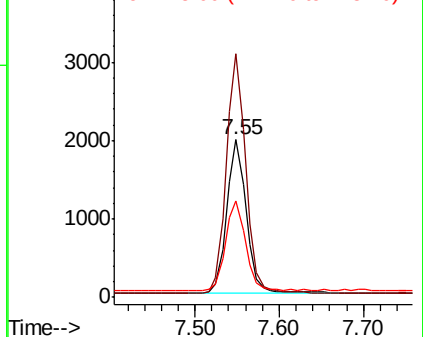


Abundance

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: 0.058 ng

RT: 3.19 min Scan# 45

Delta R.T. 0.00 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

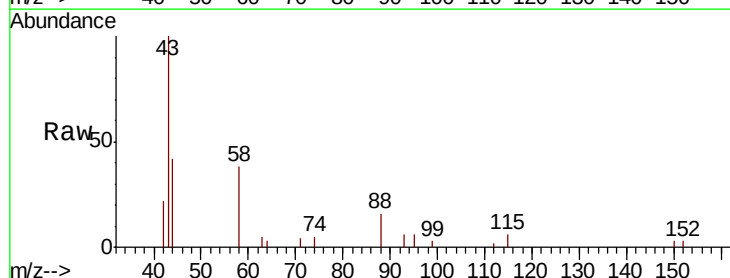
Tgt Ion: 88 Resp: 168

Ion Ratio Lower Upper

88 100

58 129.2 88.6 132.8

43 153.0 31.8 47.8#

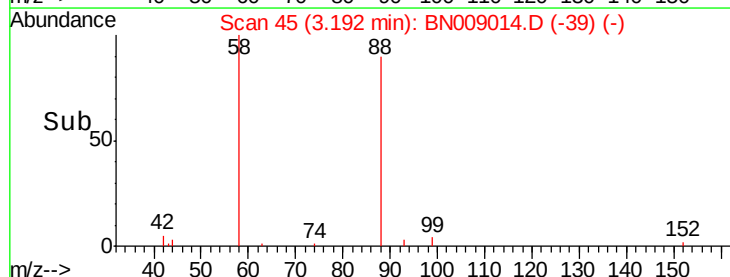
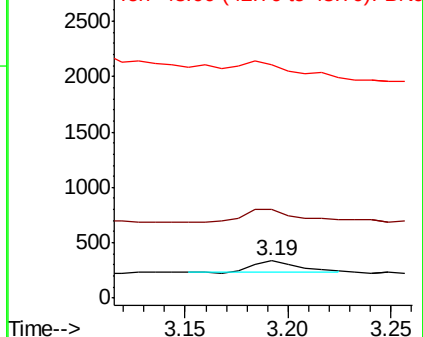


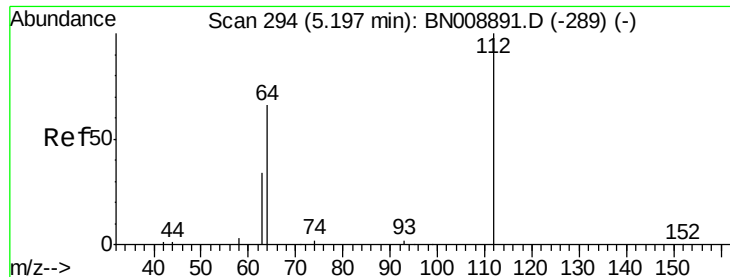
Abundance

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





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209

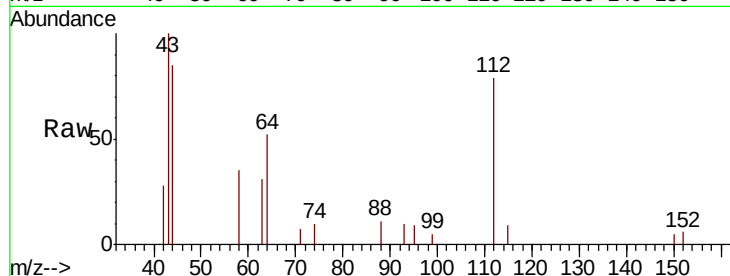
Tot Ion: 112 Resp: 1281

Ion Ratio Lower Upper

112 100

64 72.6 57.7 86.5

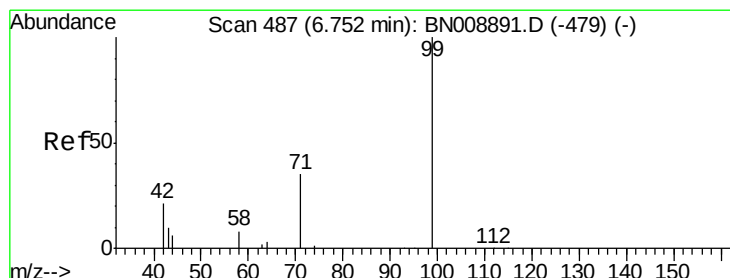
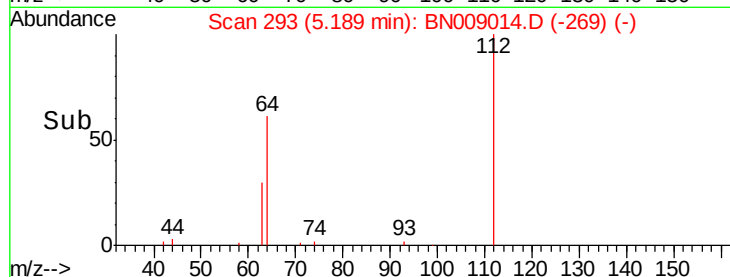
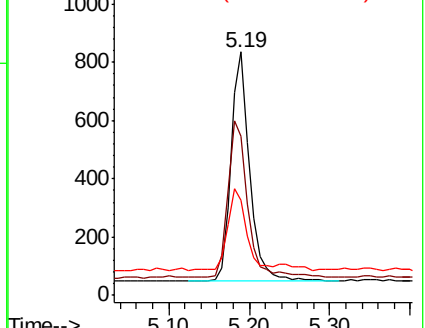
63 34.4 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.101 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

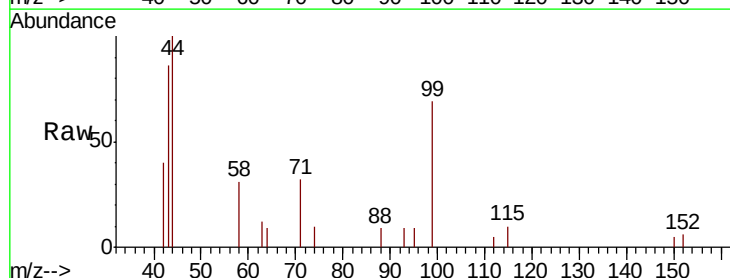
Tgt Ion: 99 Resp: 1108

Ion Ratio Lower Upper

99 100

42 0.0 20.1 30.1#

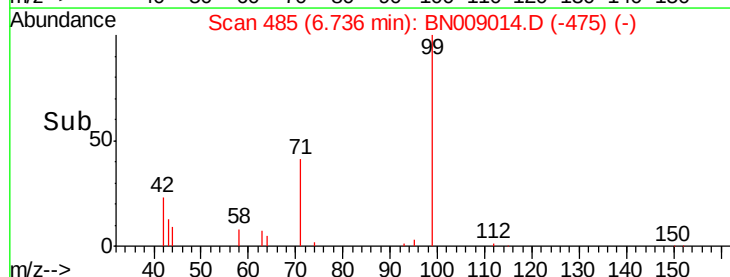
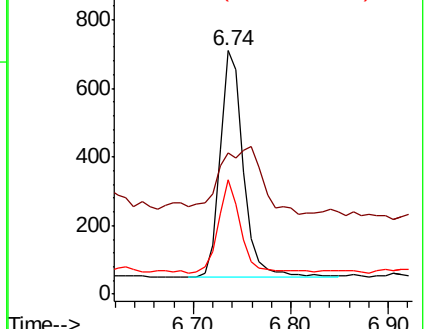
71 39.6 28.2 42.2

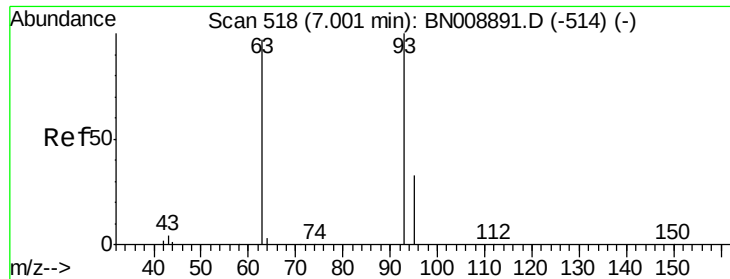


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209

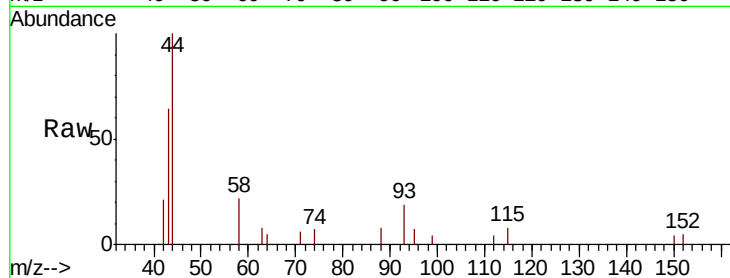
Tot Ion: 93 Resp: 250

Ion Ratio Lower Upper

93 100

63 8.0 73.5 110.3#

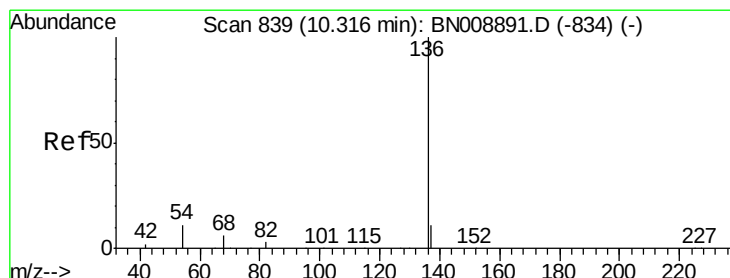
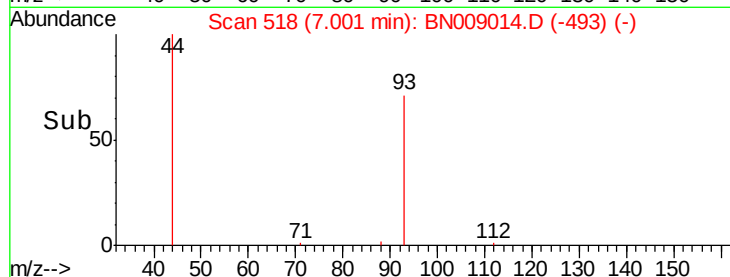
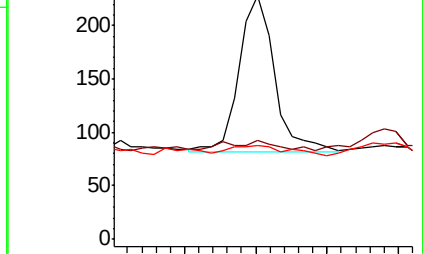
95 11.2 26.0 39.0#



Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008891.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008891.D (-514) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Tgt Ion: 136 Resp: 12879

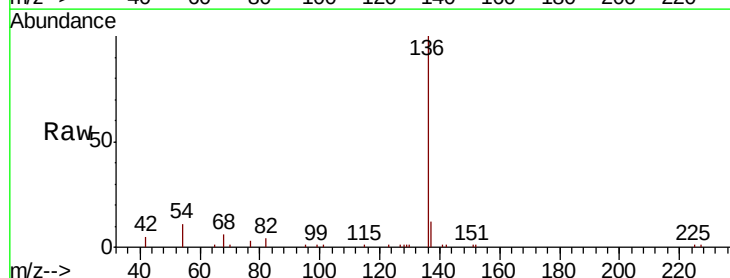
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 10.9 9.6 14.4

68 6.5 5.6 8.4

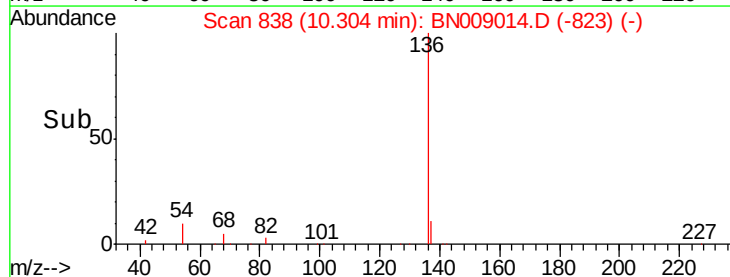
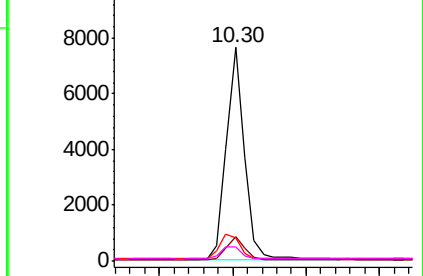


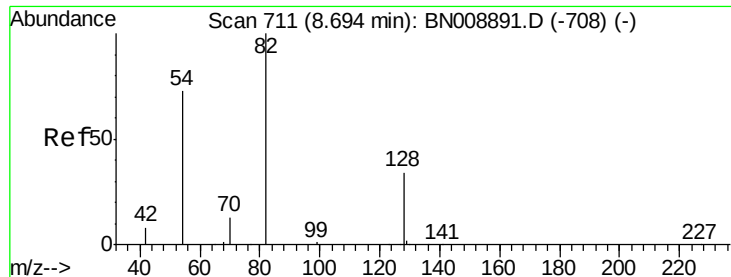
Abundance Ion 136.00 (135.70 to 136.70): BN008891.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN008891.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN008891.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN008891.D (-834) (-)

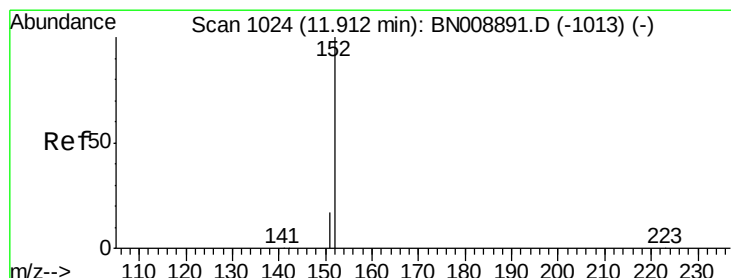
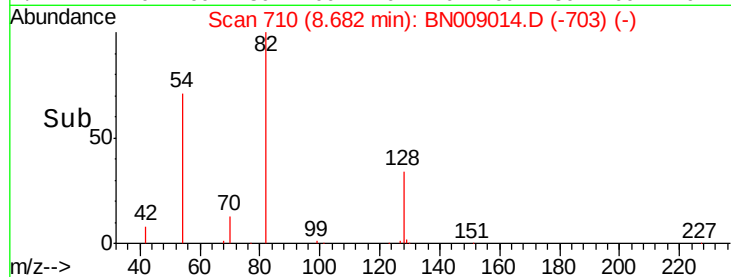
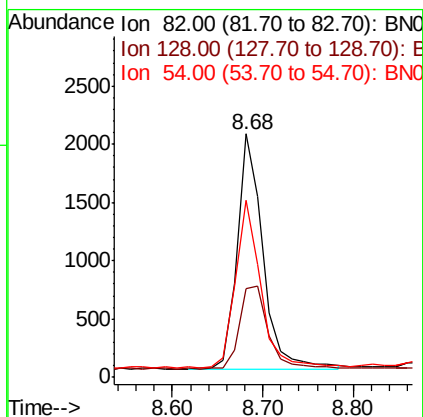
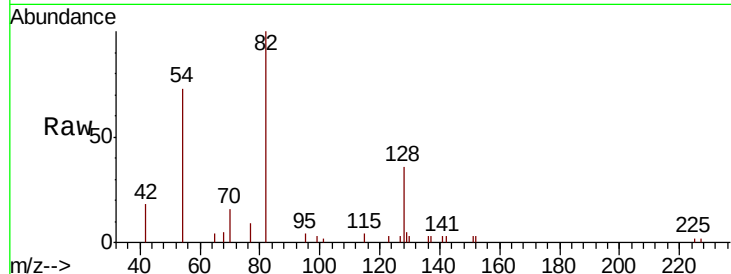




#8
 Nitrobenzene-d5
 Concen: 0.360 ng
 RT: 8.68 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BN009014.D
 Acq: 17 Dec 2019 13:40

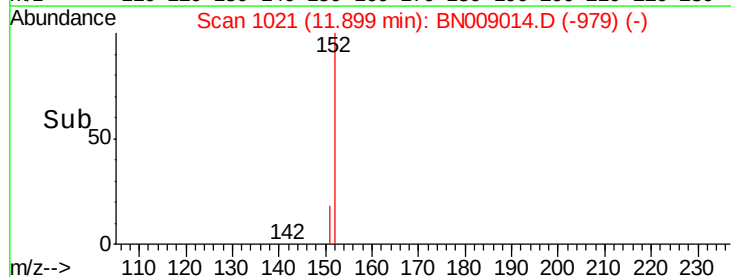
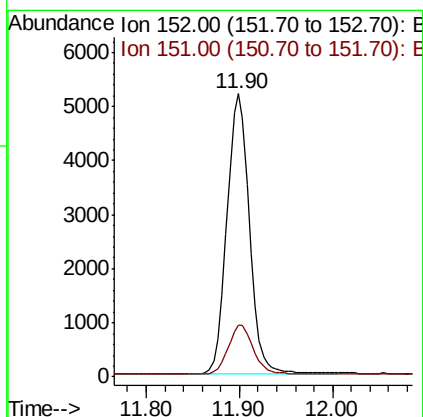
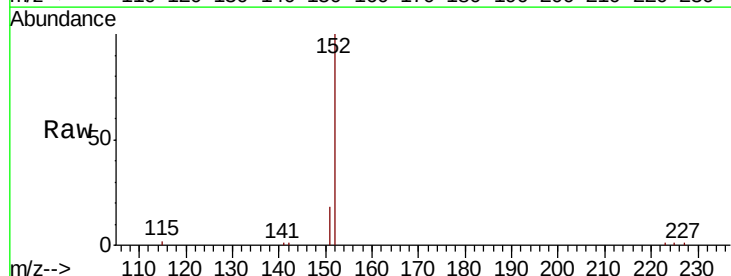
Instrument :
 BNA_N
 ClientSampleId :
 KY038PS038-191209

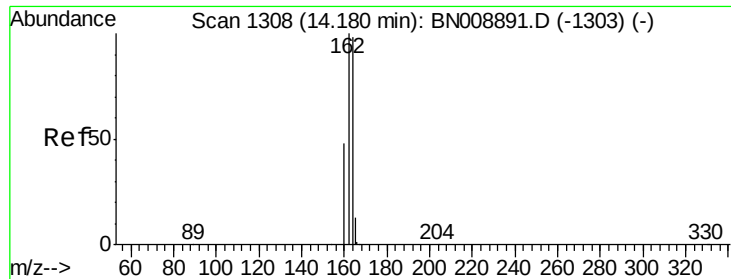
Tot Ion:	82	Resp:	3936
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.1	43.7
54	72.9	59.7	89.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BN009014.D
 Acq: 17 Dec 2019 13:40

Tgt Ion:	152	Resp:	8671
Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209

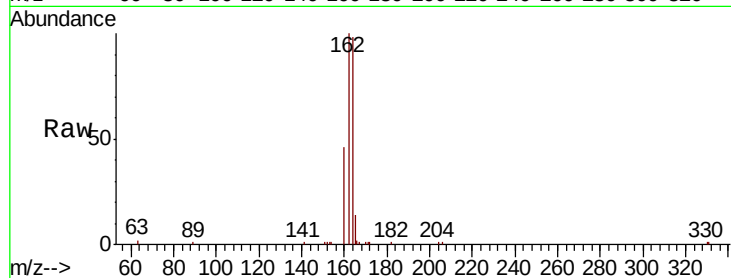
Tot Ion:164 Resp: 9338

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

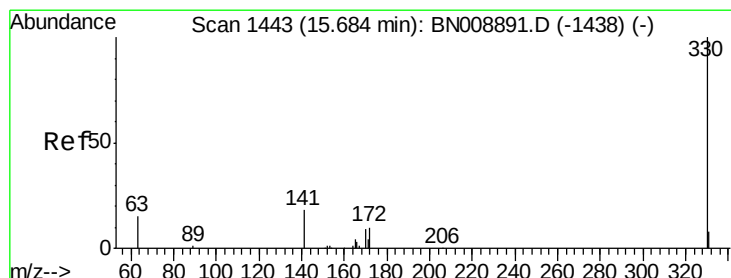
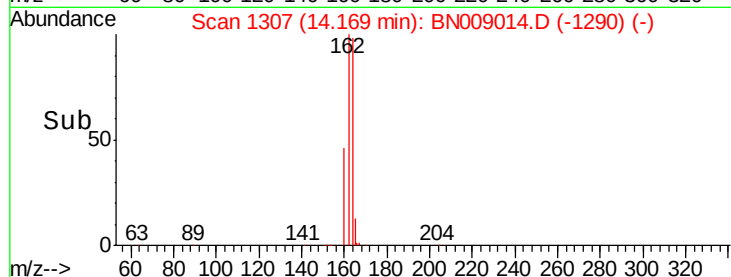
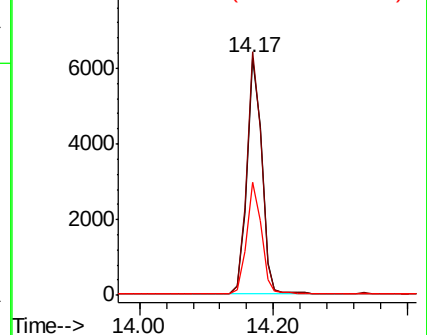
160 47.3 39.3 58.9



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: 0.319 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

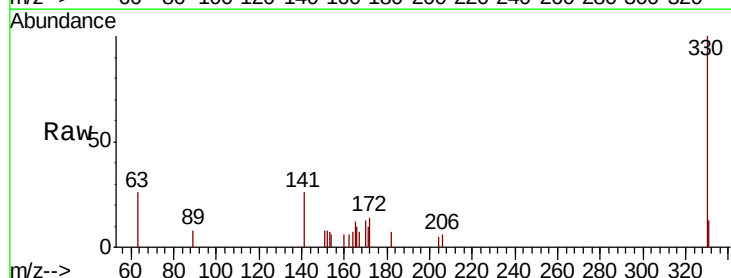
Tgt Ion:330 Resp: 1429

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

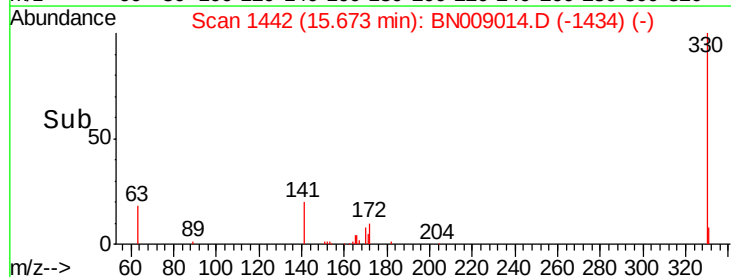
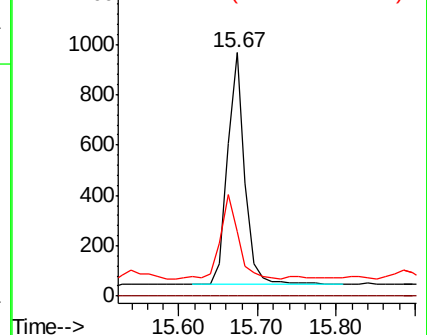
141 37.9 29.6 44.4

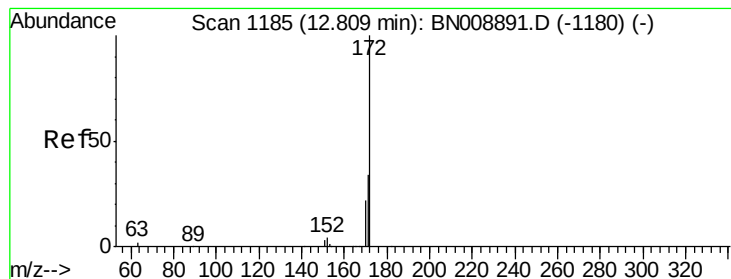


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.369 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.02 min

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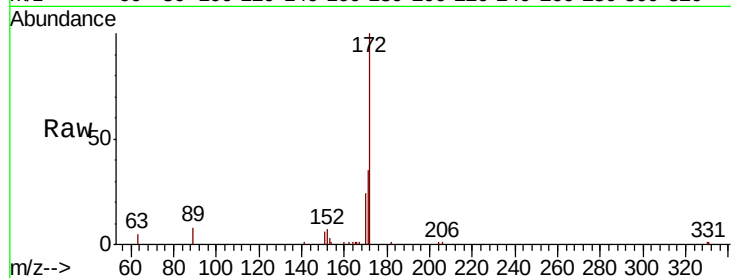
Tot Ion:172 Resp: 13095

Ion Ratio Lower Upper

172 100

171 35.5 27.1 40.7

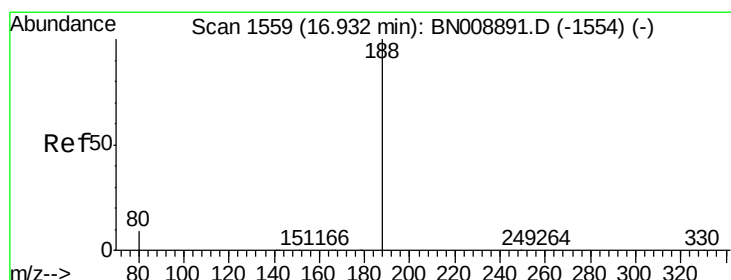
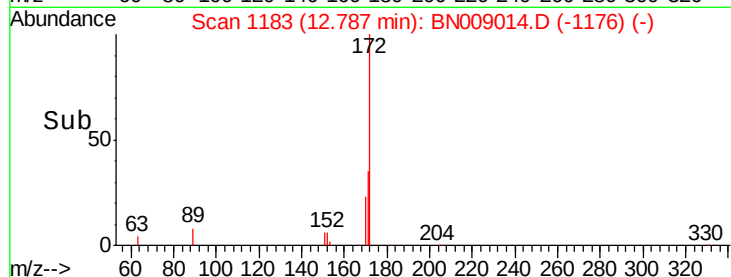
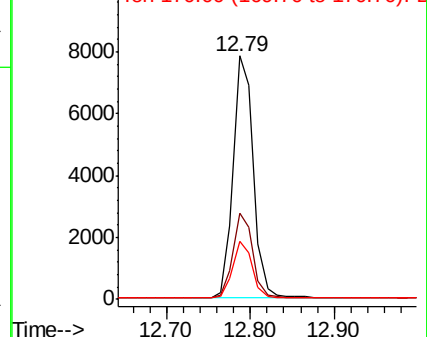
170 23.9 17.7 26.5



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: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

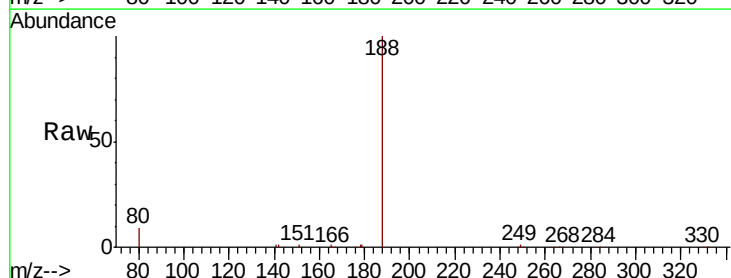
Tgt Ion:188 Resp: 22732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

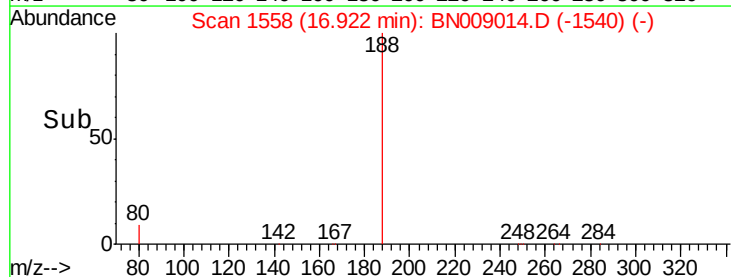
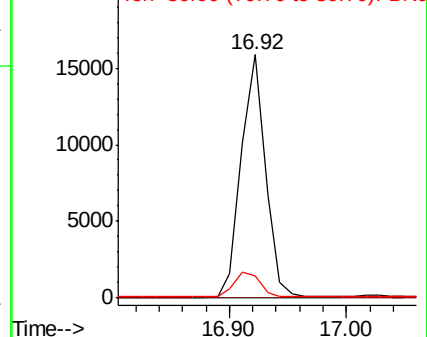
80 9.2 7.3 10.9

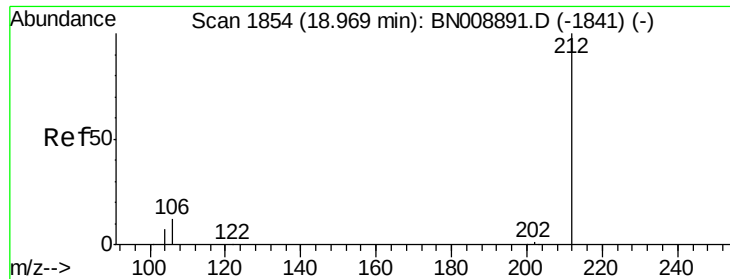


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BN009014.D

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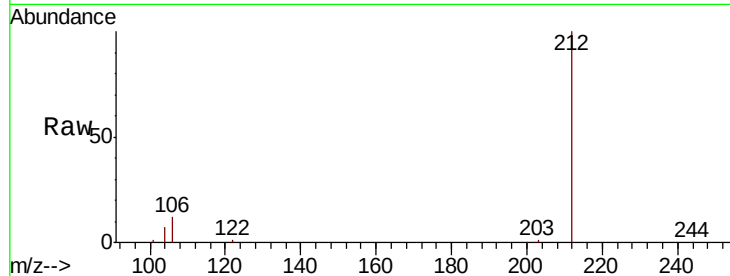
Tot Ion:212 Resp: 28039

Ion Ratio Lower Upper

212 100

106 12.8 10.4 15.6

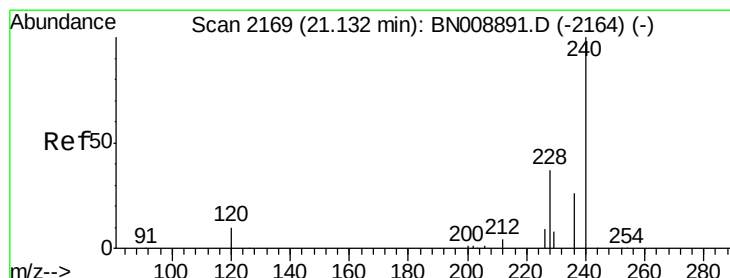
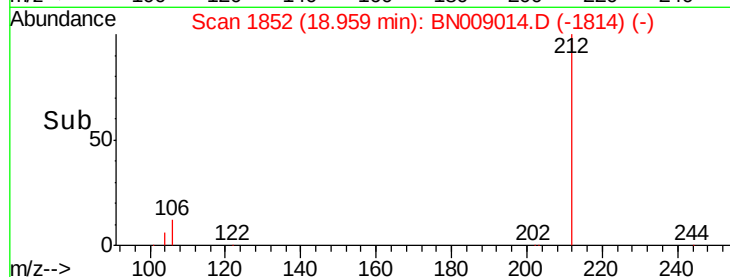
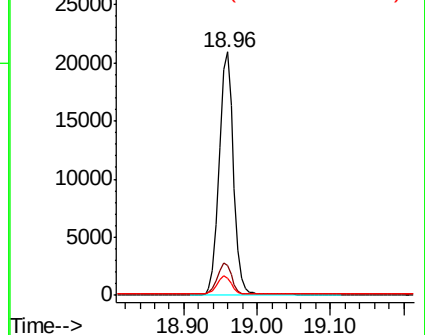
104 7.2 5.9 8.9



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

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

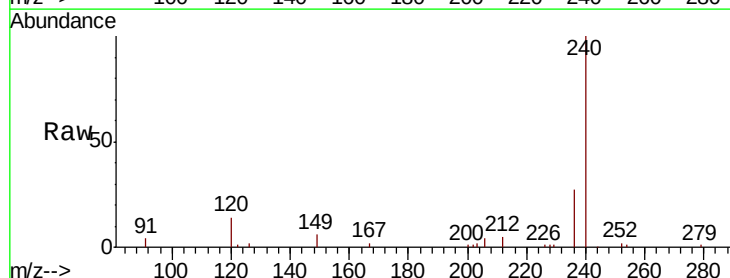
Tgt Ion:240 Resp: 20970

Ion Ratio Lower Upper

240 100

120 13.6 9.1 13.7

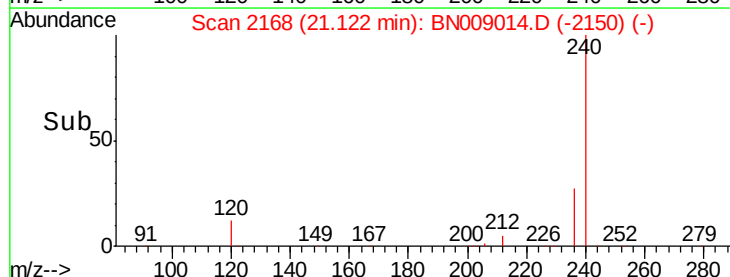
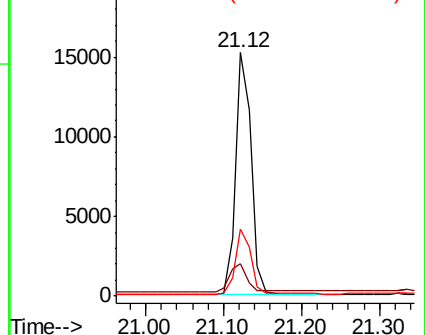
236 27.3 21.5 32.3

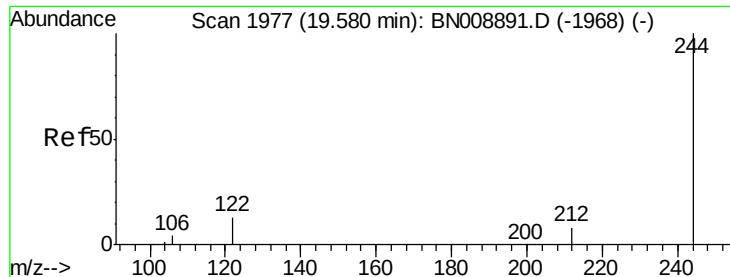


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209

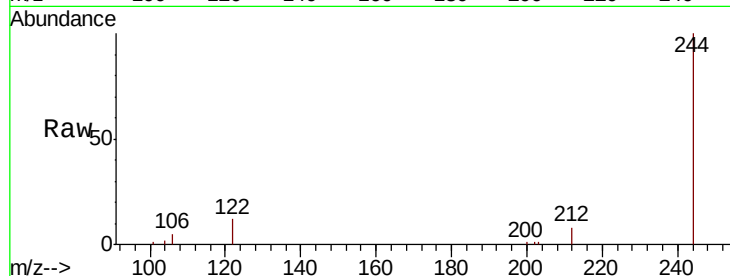
Tot Ion:244 Resp: 20807

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

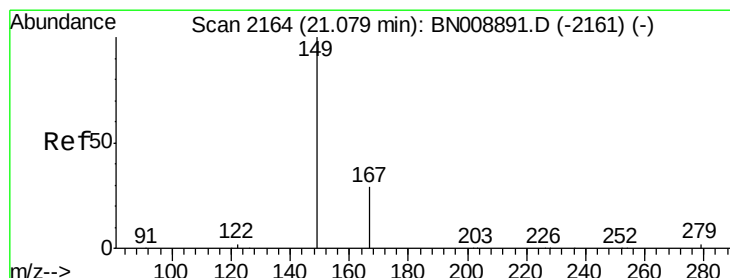
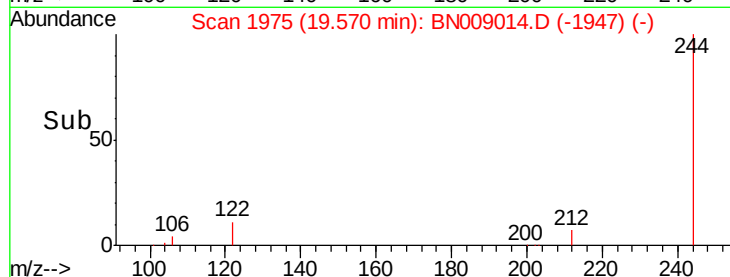
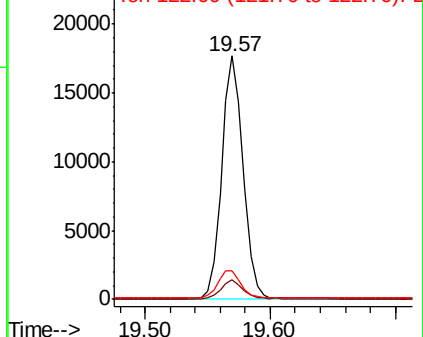
122 12.0 10.4 15.6



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: 0.150 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

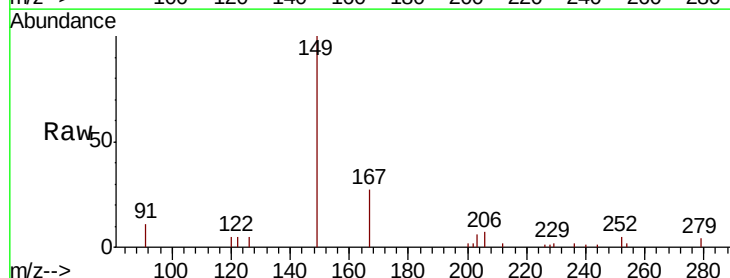
Tgt Ion:149 Resp: 5224

Ion Ratio Lower Upper

149 100

167 26.8 22.7 34.1

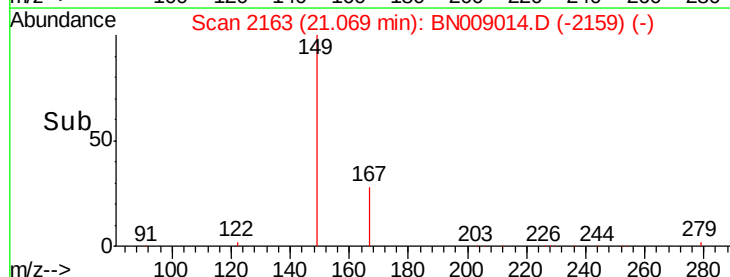
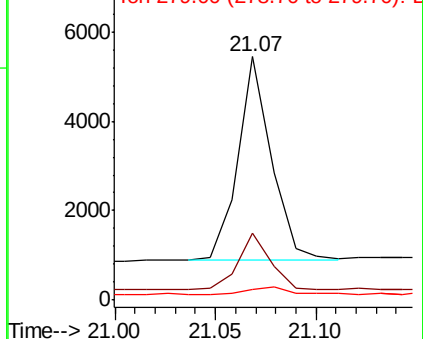
279 4.2 3.3 4.9

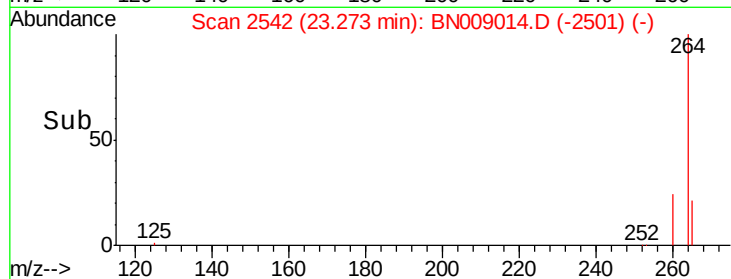
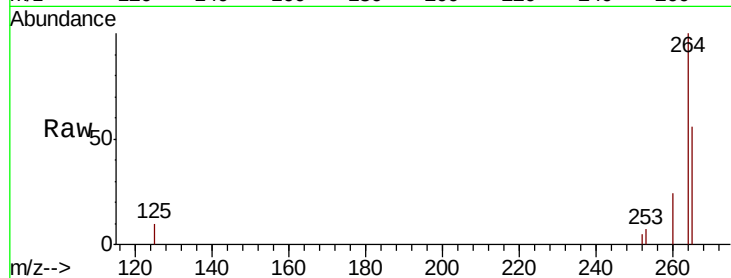
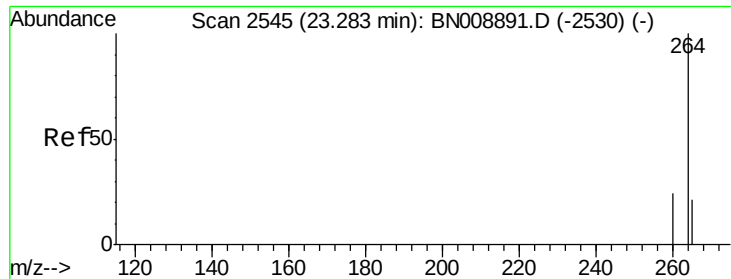


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN009014.D

Acq: 17 Dec 2019 13:40

Instrument :

BNA_N

ClientSampleId :

KY038PS038-191209

Tot Ion:264 Resp: 18692

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 56.0 47.5 71.3

