

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121719\
 Data File : BN009013.D
 Acq On : 17 Dec 2019 13:04
 Operator : JU
 Sample : K6237-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-191209

Quant Time: Dec 17 16:09:30 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

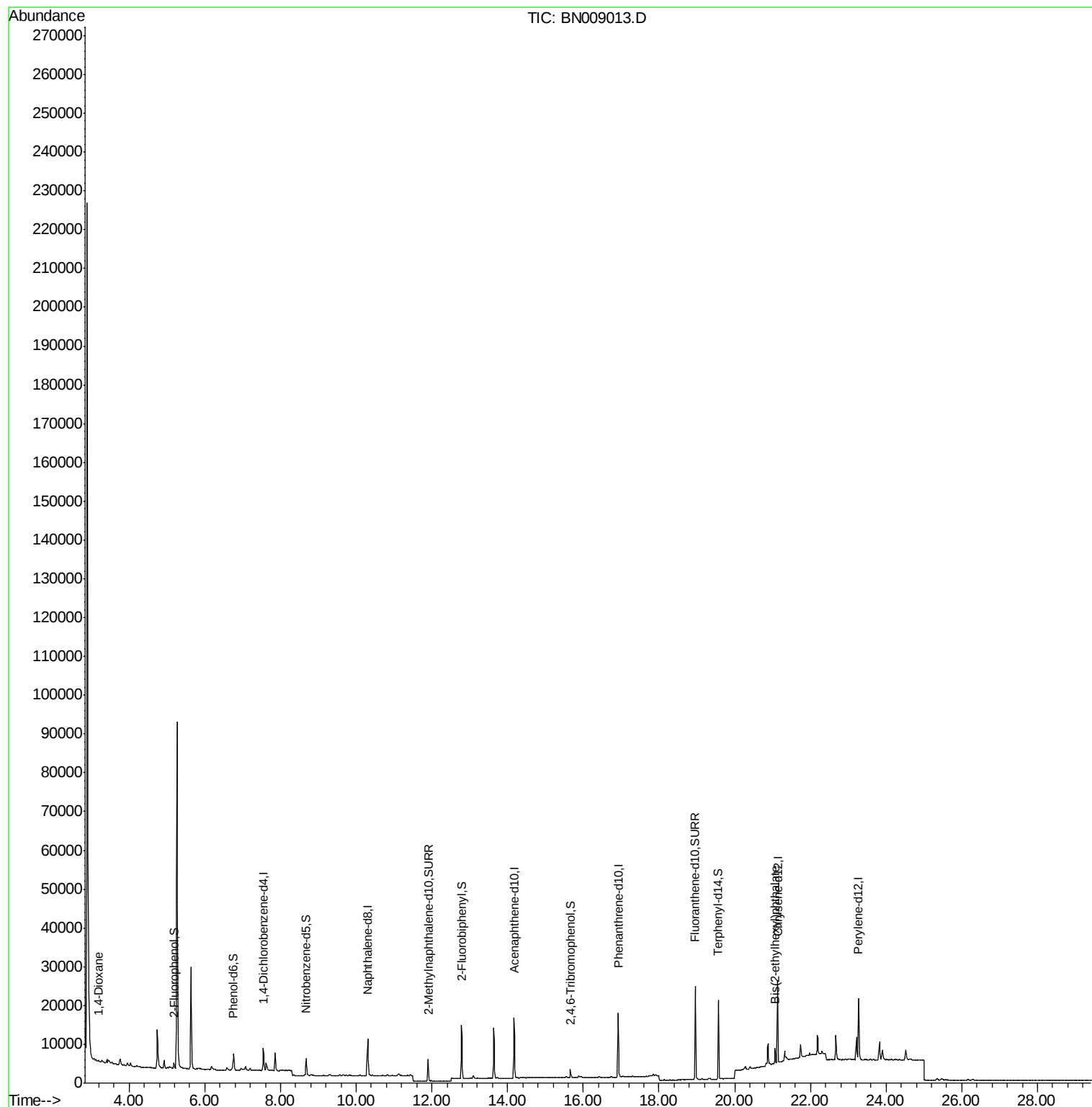
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2836	0.40	ng	-0.02
7) Naphthalene-d8	10.30	136	12227	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	9070	0.40	ng	-0.01
19) Phenanthrene-d10	16.92	188	21864	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	20852	0.40	ng	0.00
34) Perylene-d12	23.27	264	19124	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1245	0.17	ng	0.00
5) Phenol-d6	6.74	99	1110	0.11	ng	-0.02
8) Nitrobenzene-d5	8.68	82	3731	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	8124	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.67	330	1757	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	12360	0.36	ng	-0.02
25) Fluoranthene-d10	18.96	212	25856	0.39	ng	0.00
29) Terphenyl-d14	19.57	244	19240	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	150	0.056	ng	Qvalue # 6
32) Bis(2-ethylhexyl)phthalate	21.07	149	3305	0.095	ng	99

(#) = 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: BN009013.D

Acq: 17 Dec 2019 13:04

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BNA_N

ClientSampleId :

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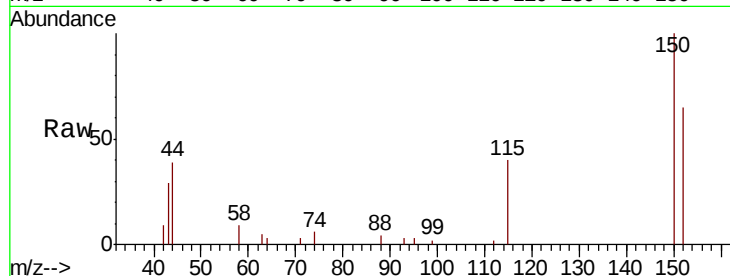
Tot Ion:152 Resp: 2836

Ion Ratio Lower Upper

152 100

150 153.3 122.3 183.5

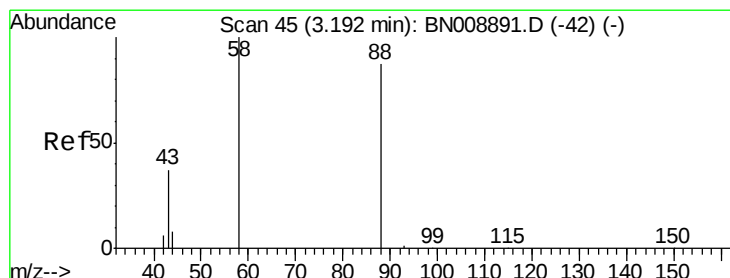
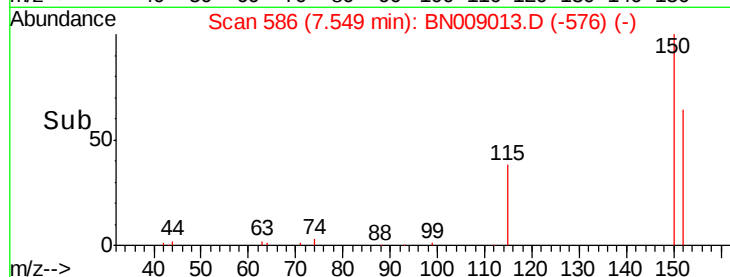
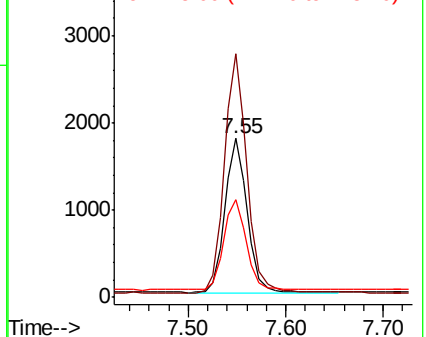
115 61.9 48.4 72.6



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: 0.056 ng

RT: 3.19 min Scan# 45

Delta R.T. -0.00 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

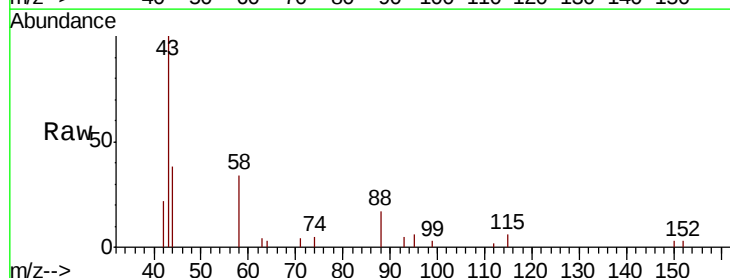
Tgt Ion: 88 Resp: 150

Ion Ratio Lower Upper

88 100

58 122.7 88.6 132.8

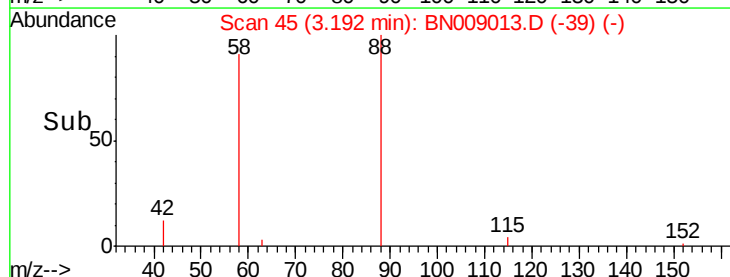
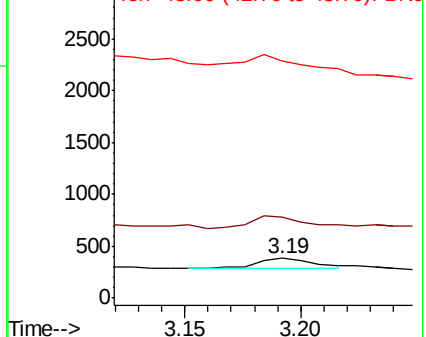
43 238.7 31.8 47.8#

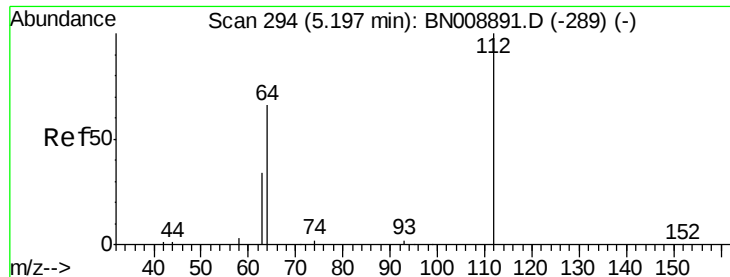


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

Instrument :

BNA_N

ClientSampleId :

KY038PS037-191209

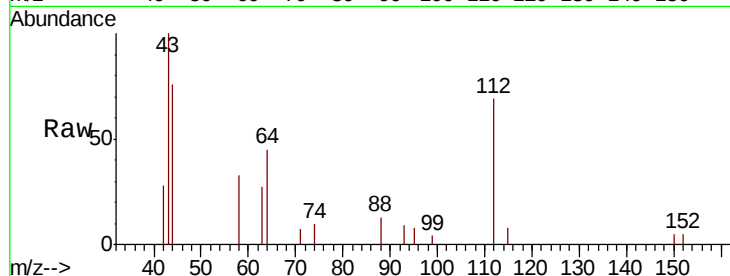
Tot Ion: 112 Resp: 1245

Ion Ratio Lower Upper

112 100

64 68.8 57.7 86.5

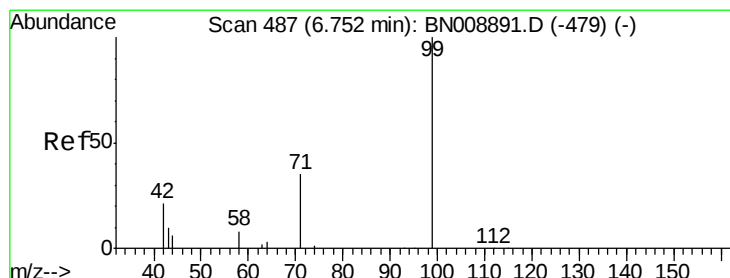
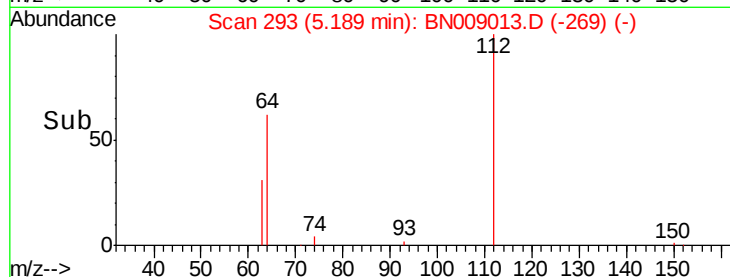
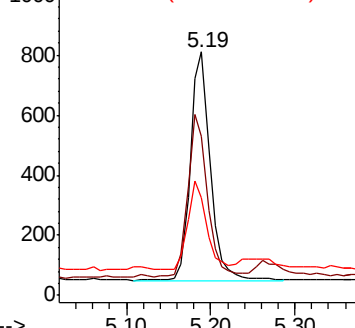
63 35.8 29.6 44.4



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: 0.111 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.02 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

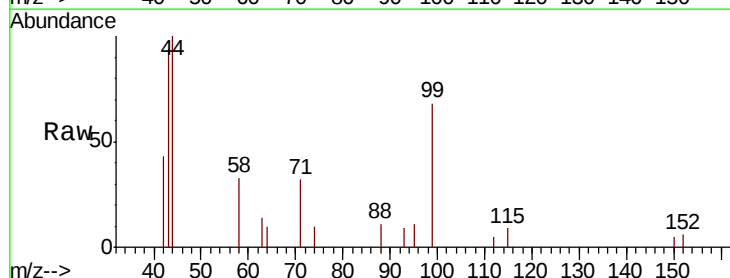
Tgt Ion: 99 Resp: 1110

Ion Ratio Lower Upper

99 100

42 0.0 20.1 30.1#

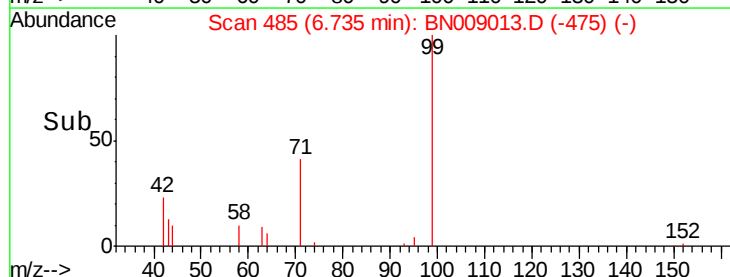
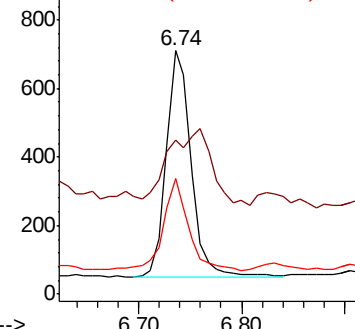
71 41.7 28.2 42.2

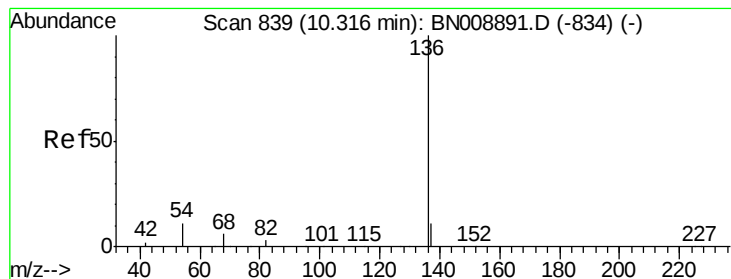


Abundance Ion 99.00 (98.70 to 99.70): BN0

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: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

Instrument :

BNA_N

ClientSampleId :

KY038PS037-191209

Tot Ion:136 Resp: 12227

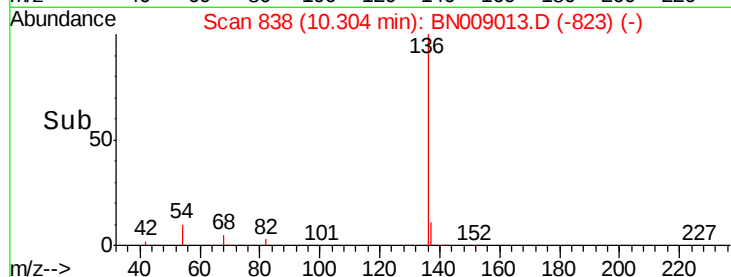
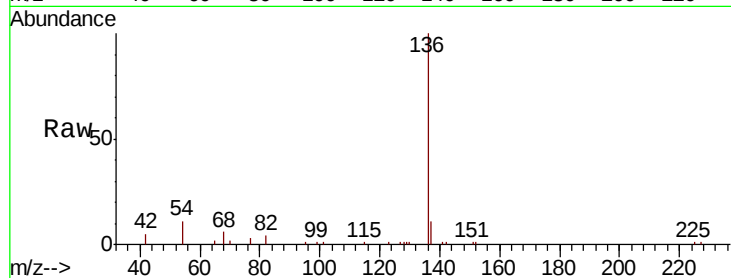
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 11.3 9.6 14.4

68 6.3 5.6 8.4

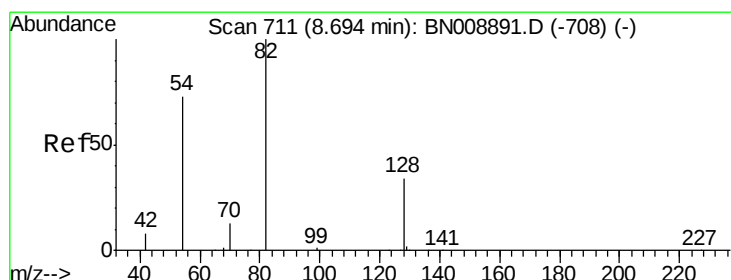
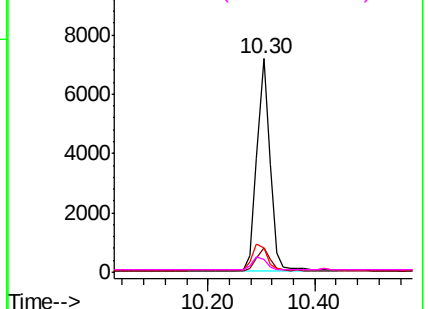


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.360 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

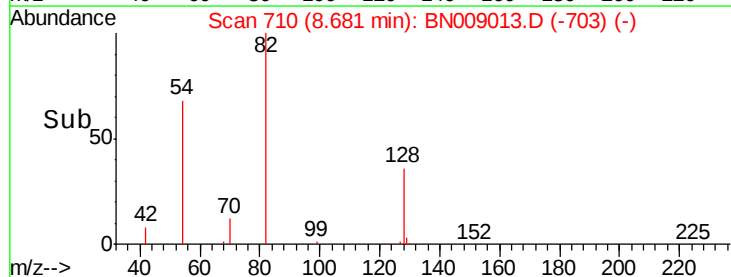
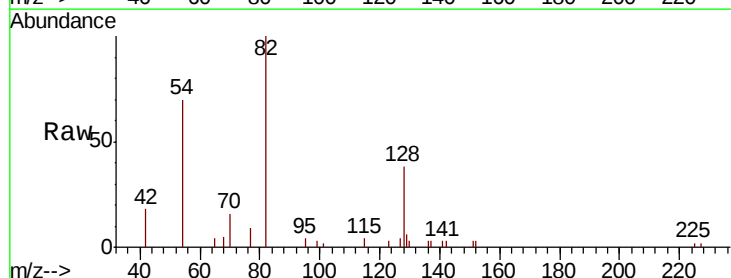
Tgt Ion: 82 Resp: 3731

Ion Ratio Lower Upper

82 100

128 38.2 29.1 43.7

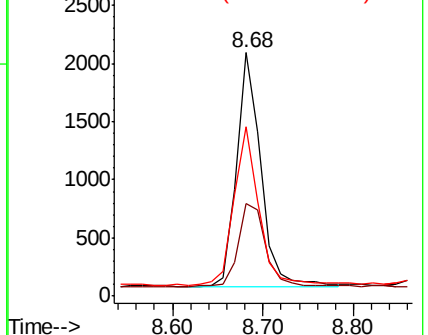
54 69.7 59.7 89.5

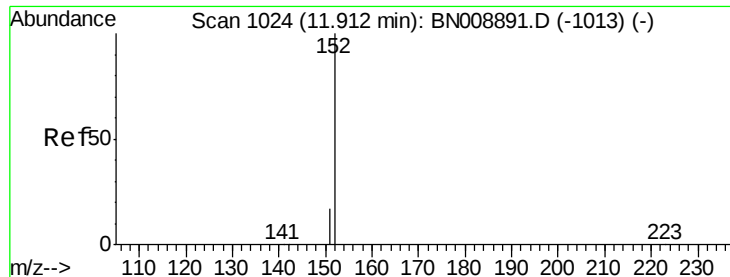


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

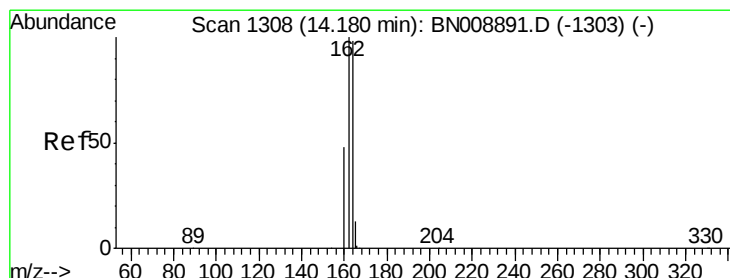
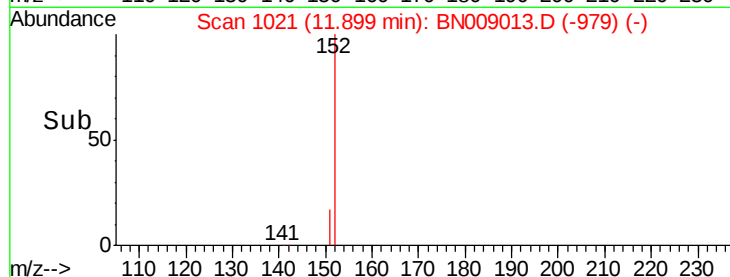
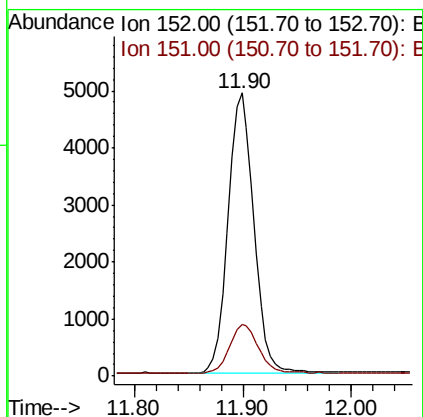
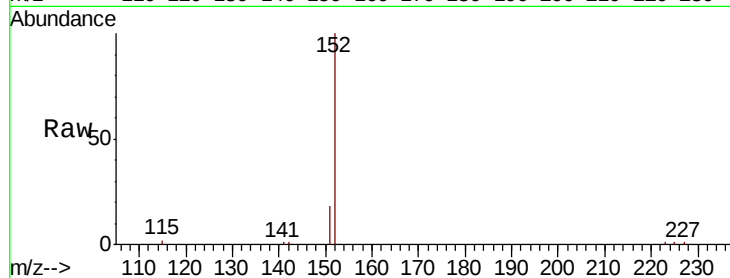




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN009013.D
Acq: 17 Dec 2019 13:04

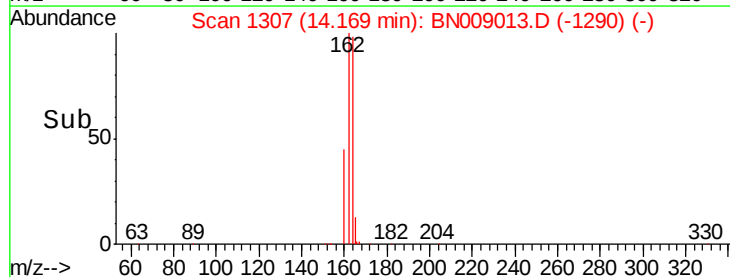
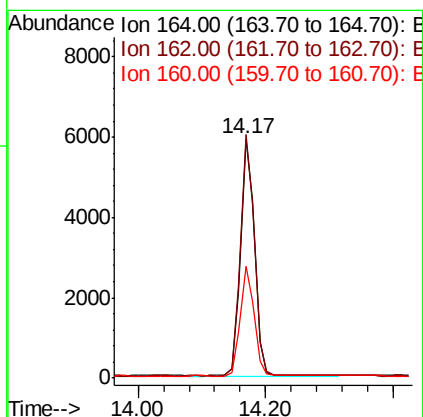
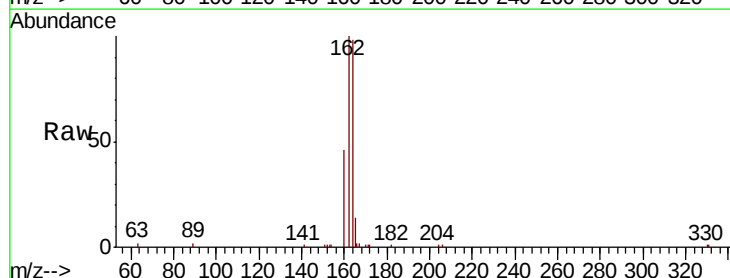
Instrument :
BNA_N
ClientSampleId :
KY038PS037-191209

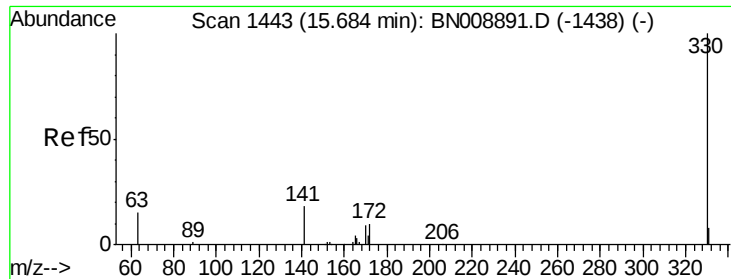
Tot Ion:152 Resp: 8124
Ion Ratio Lower Upper
152 100
151 19.0 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BN009013.D
Acq: 17 Dec 2019 13:04

Tgt Ion:164 Resp: 9070
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 46.8 39.3 58.9

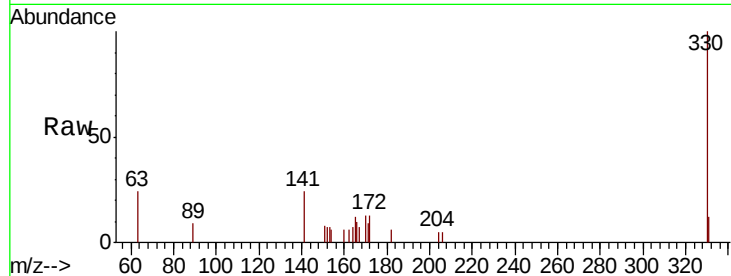




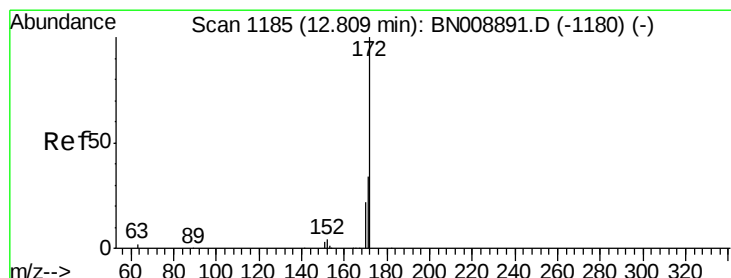
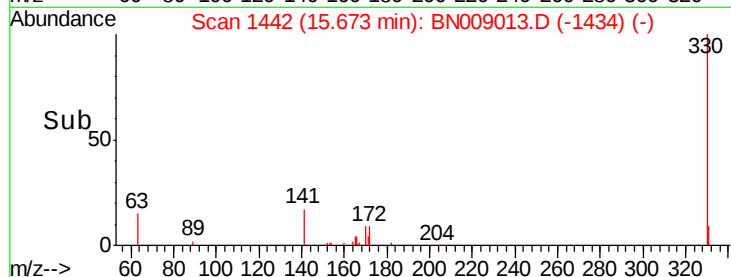
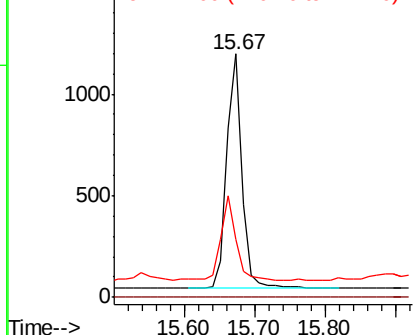
#14
 2,4,6-Tribromophenol
 Concen: 0.404 ng
 RT: 15.67 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BN009013.D
 Acq: 17 Dec 2019 13:04

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS037-191209

Tot Ion:330 Resp: 1757
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.1 29.6 44.4

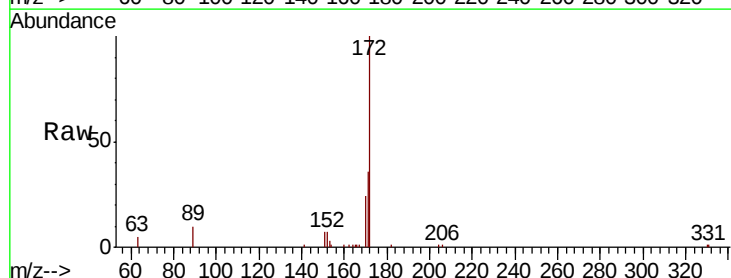


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

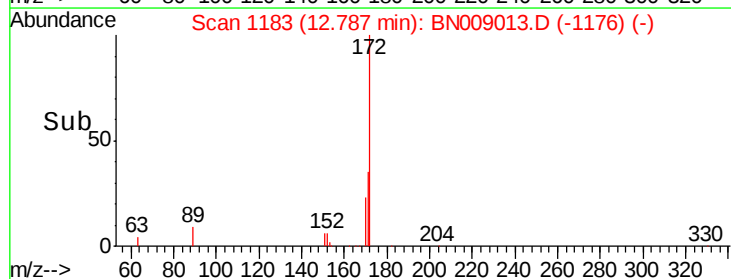
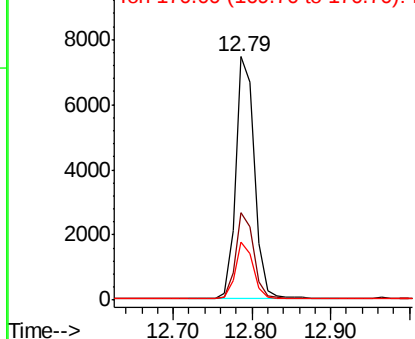


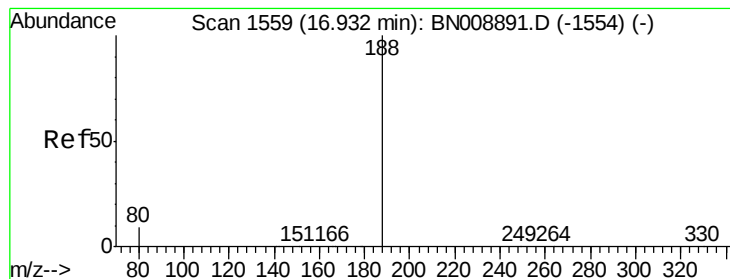
#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 12.79 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BN009013.D
 Acq: 17 Dec 2019 13:04

Tgt Ion:172 Resp: 12360
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.1 40.7
 170 24.0 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: BN009013.D

Acq: 17 Dec 2019 13:04

Instrument :

BNA_N

ClientSampleId :

KY038PS037-191209

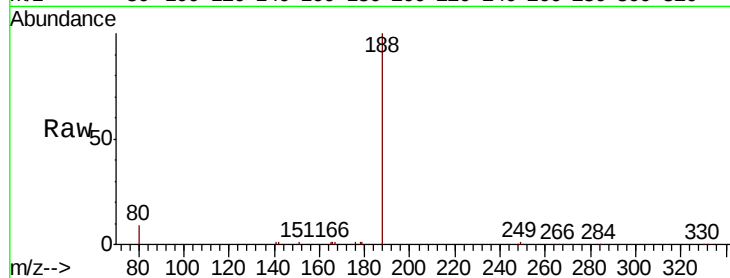
Tot Ion:188 Resp: 21864

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

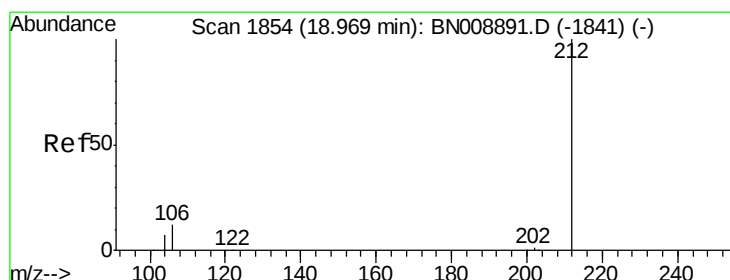
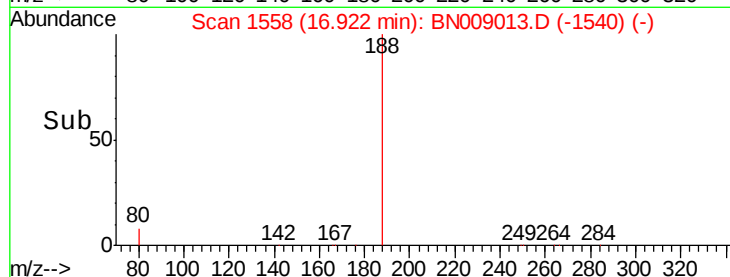
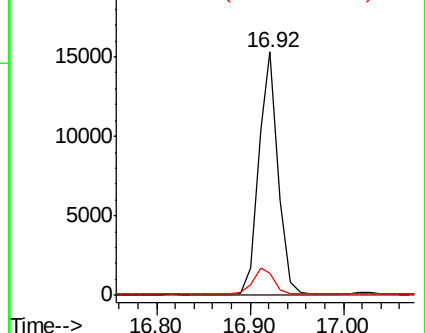
80 8.9 7.3 10.9



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: 0.391 ng

RT: 18.96 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

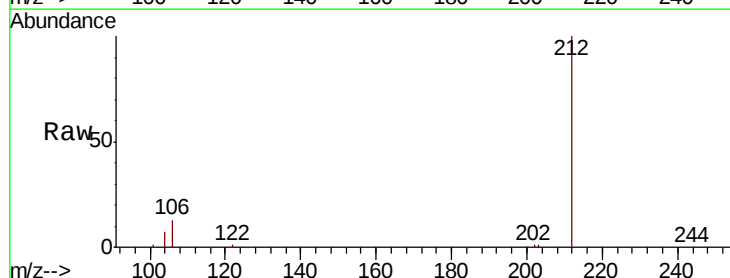
Tgt Ion:212 Resp: 25856

Ion Ratio Lower Upper

212 100

106 12.9 10.4 15.6

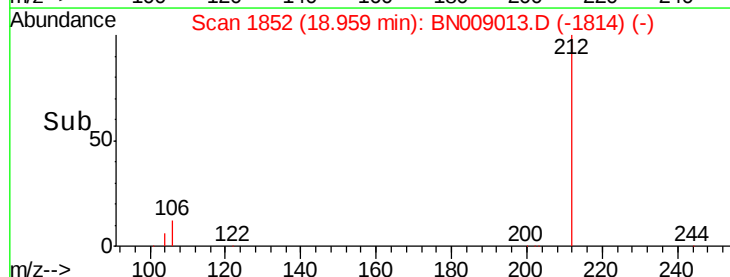
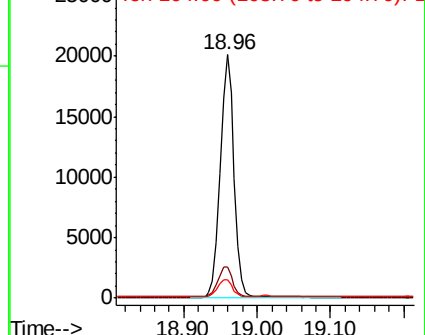
104 7.3 5.9 8.9

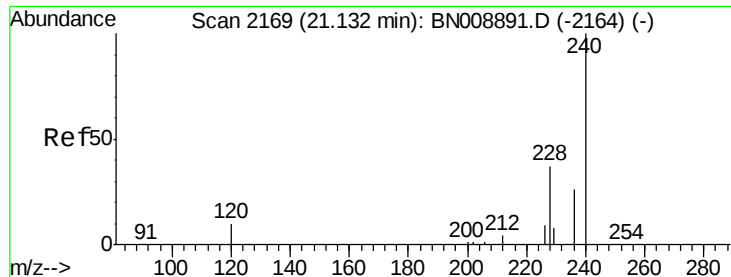


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

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KY038PS037-191209

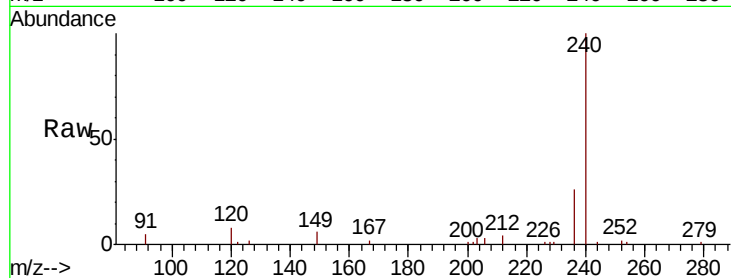
Tot Ion:240 Resp: 20852

Ion Ratio Lower Upper

240 100

120 7.5 9.1 13.7#

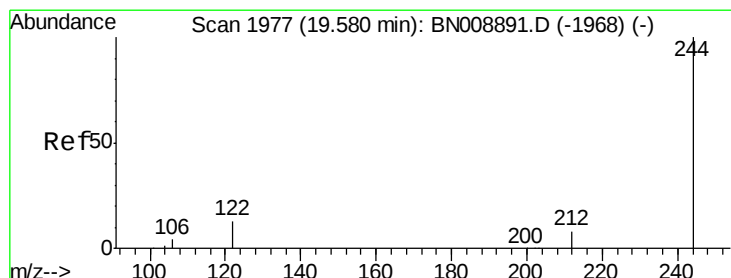
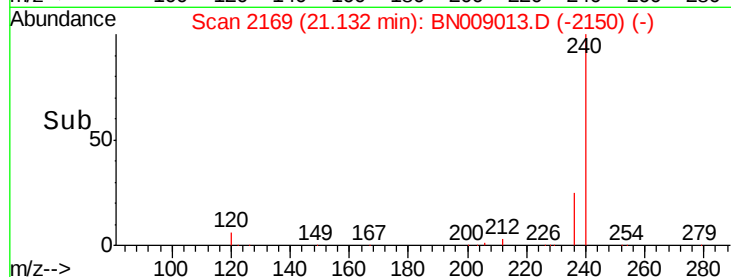
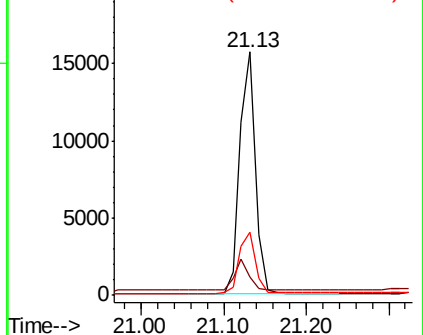
236 25.9 21.5 32.3



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: 0.404 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

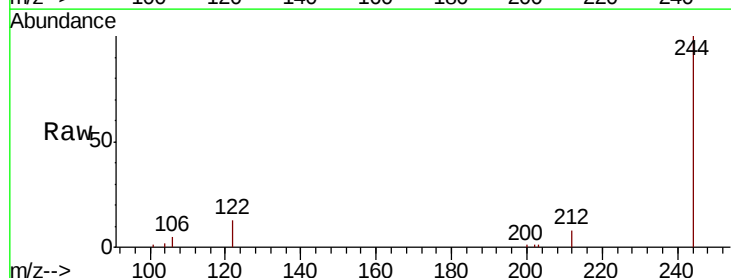
Tgt Ion:244 Resp: 19240

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

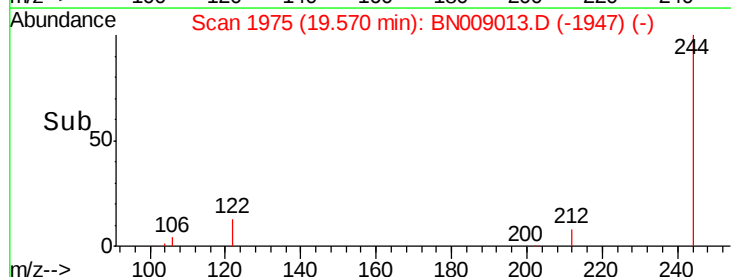
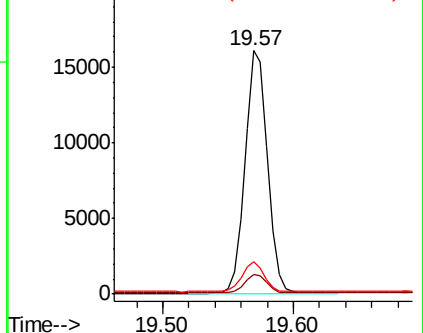
122 13.5 10.4 15.6

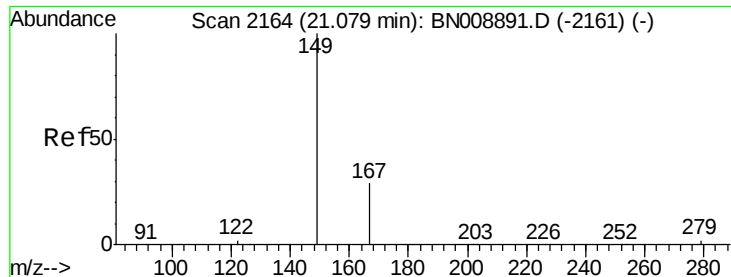


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

Instrument :

BNA_N

ClientSampleId :

KY038PS037-191209

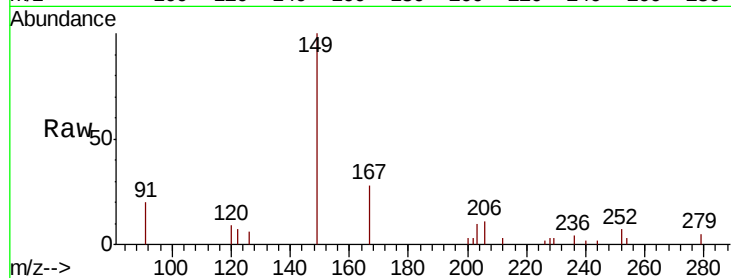
Tot Ion:149 Resp: 3305

Ion Ratio Lower Upper

149 100

167 28.0 22.7 34.1

279 4.1 3.3 4.9

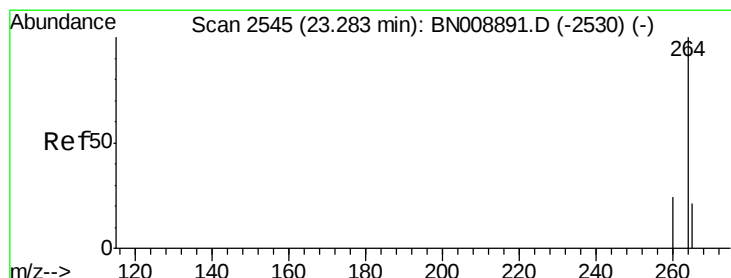
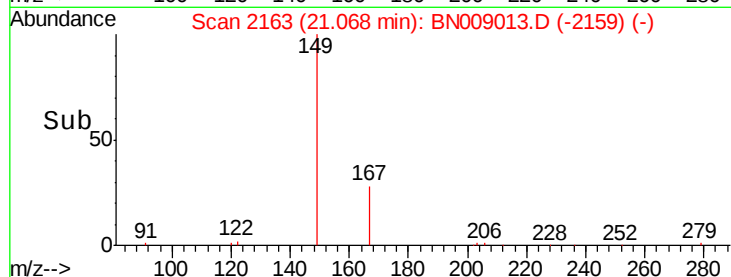
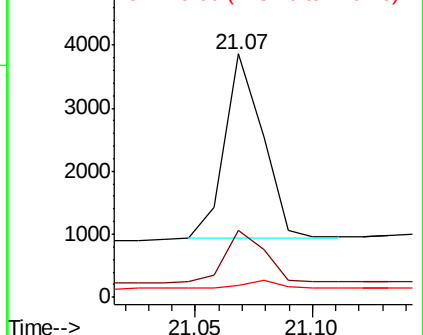


Abundance

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: 23.27 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN009013.D

Acq: 17 Dec 2019 13:04

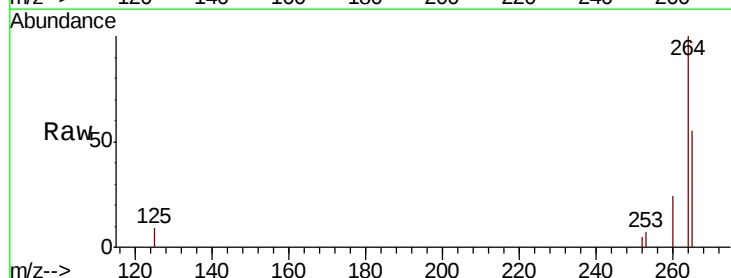
Tgt Ion:264 Resp: 19124

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 54.8 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

