

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121819\
 Data File : BN009024.D
 Acq On : 18 Dec 2019 20:40
 Operator : JU
 Sample : K6237-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191209RE

Quant Time: Dec 19 00:59:56 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

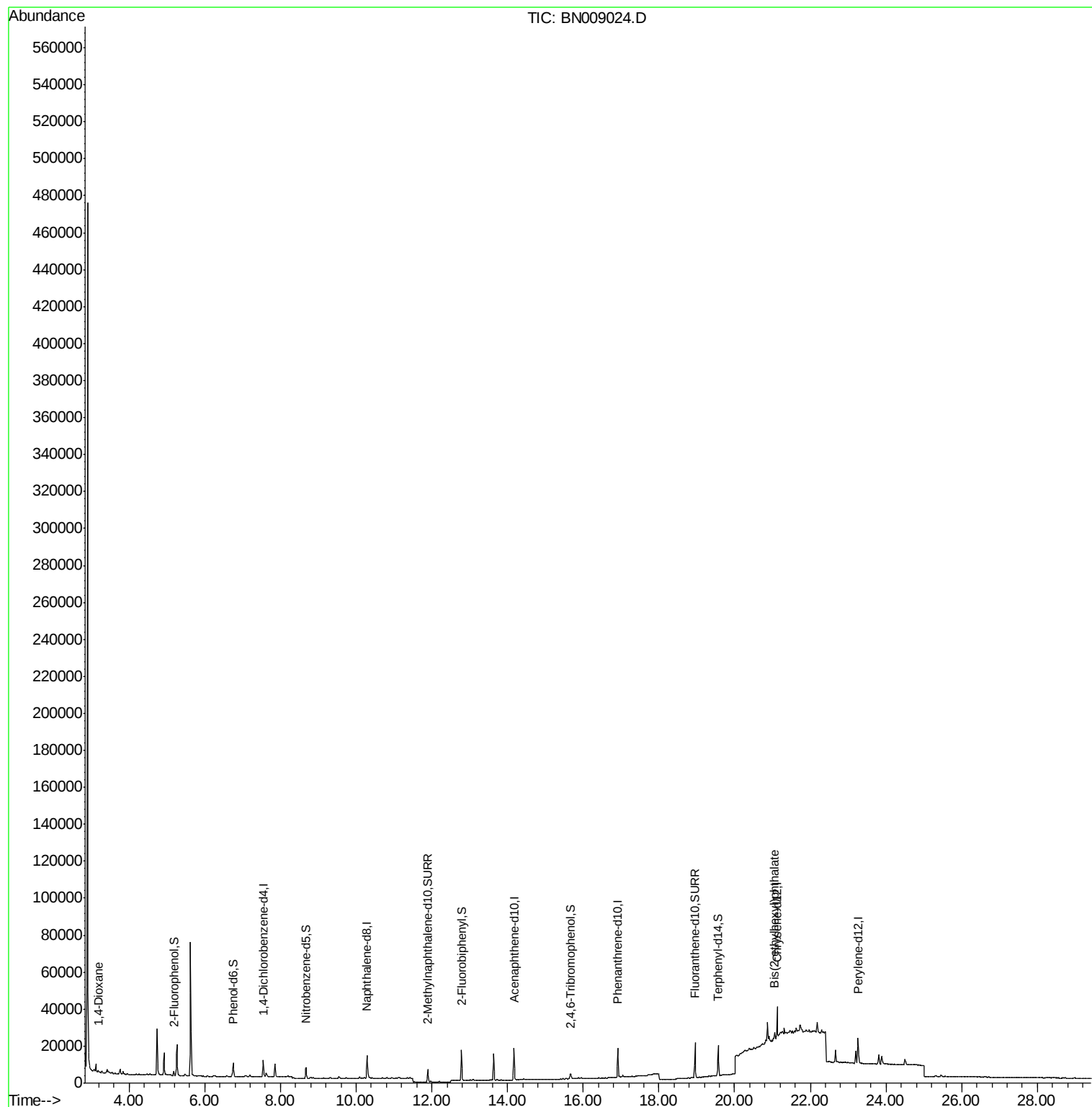
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	4330	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	16339	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	10155	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	20900	0.40	ng	0.00
27) Chrysene-d12	21.12	240	15589	0.40	ng	0.00
34) Perylene-d12	23.26	264	16576	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1756	0.16	ng	0.00
5) Phenol-d6	6.74	99	1386	0.09	ng	0.00
8) Nitrobenzene-d5	8.68	82	5066	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.89	152	9961	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	2163	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	14387	0.37	ng	0.00
25) Fluoranthene-d10	18.95	212	21444	0.34	ng	0.00
29) Terphenyl-d14	19.56	244	16081	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.18	88	381	0.094	ng	Qvalue # 47
32) Bis(2-ethylhexyl)phthalate	21.06	149	3661	0.141	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: 7.54 min Scan# 585

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

BNA_N

ClientSampleId :

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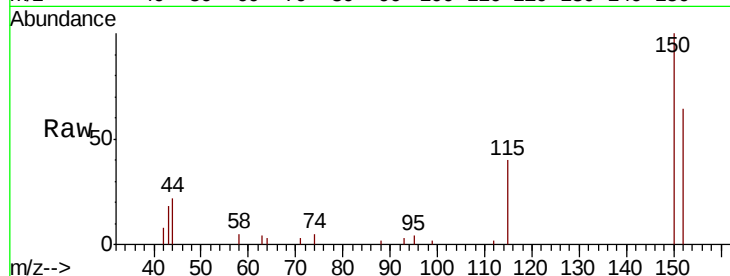
Tot Ion:152 Resp: 4330

Ion Ratio Lower Upper

152 100

150 155.1 122.3 183.5

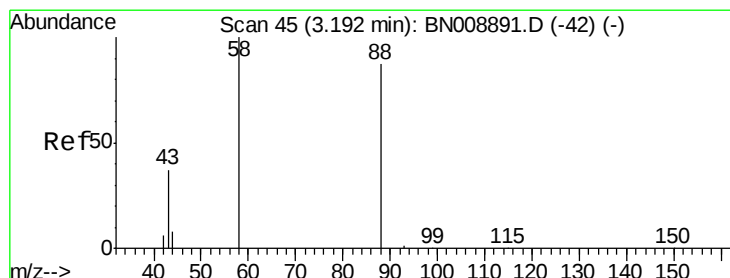
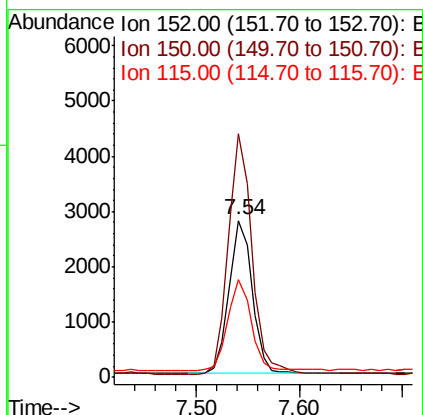
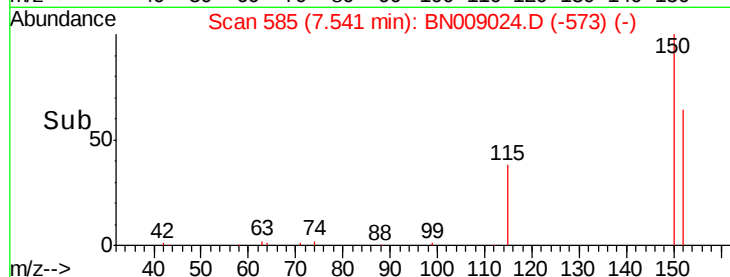
115 62.4 48.4 72.6



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: 0.094 ng

RT: 3.18 min Scan# 44

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

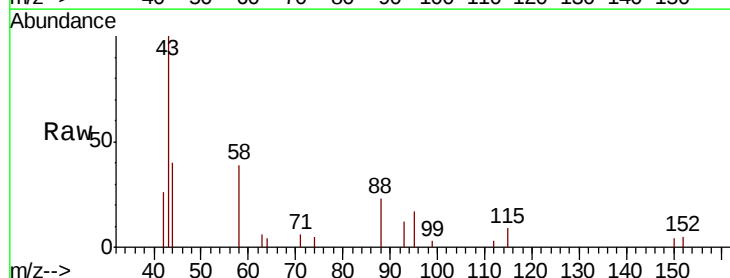
Tgt Ion: 88 Resp: 381

Ion Ratio Lower Upper

88 100

58 102.4 88.6 132.8

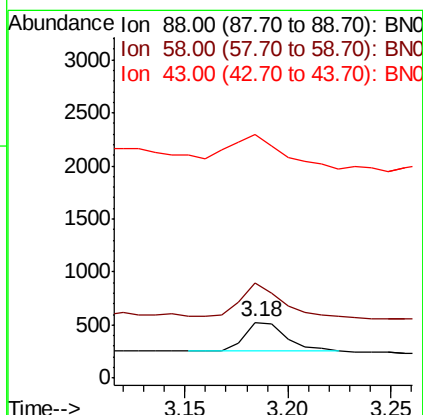
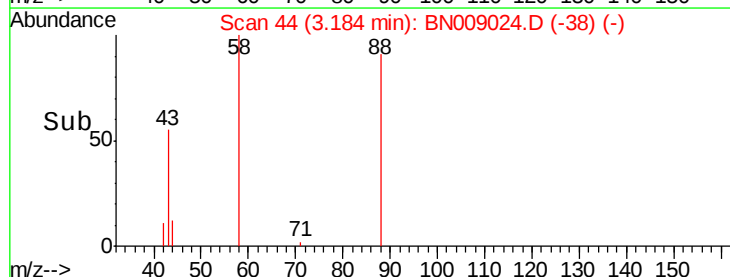
43 150.1 31.8 47.8#

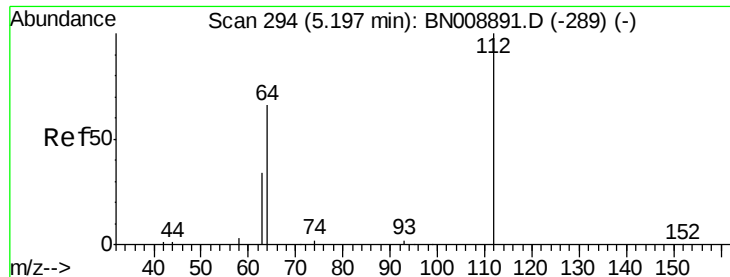


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.160 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209RE

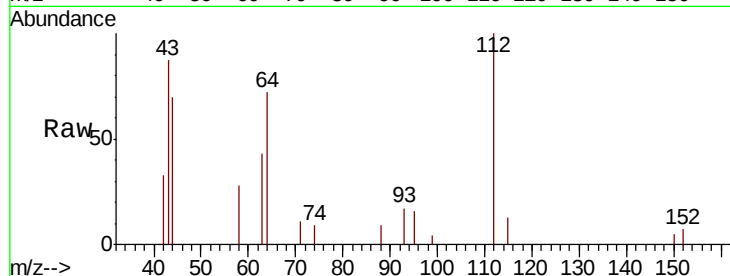
Tot Ion: 112 Resp: 1756

Ion Ratio Lower Upper

112 100

64 68.8 57.7 86.5

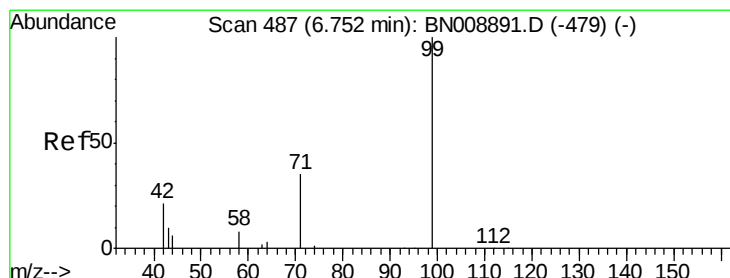
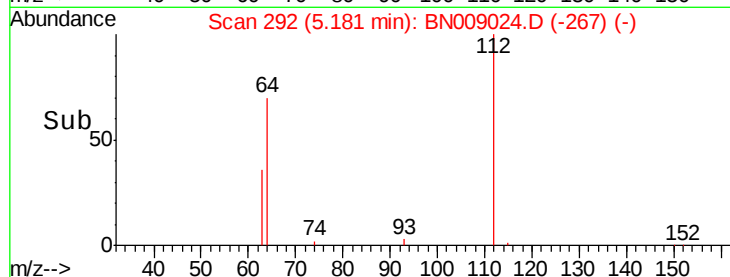
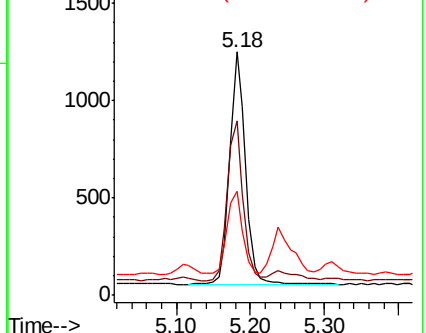
63 34.9 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.091 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.01 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

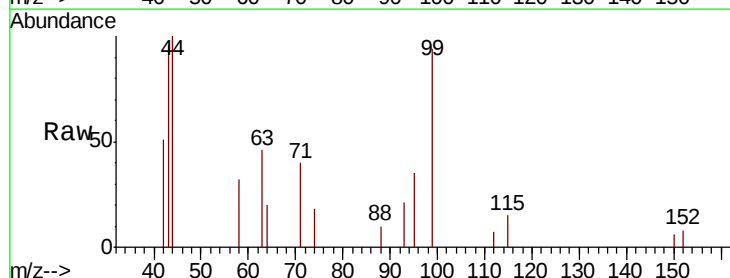
Tgt Ion: 99 Resp: 1386

Ion Ratio Lower Upper

99 100

42 0.0 20.1 30.1#

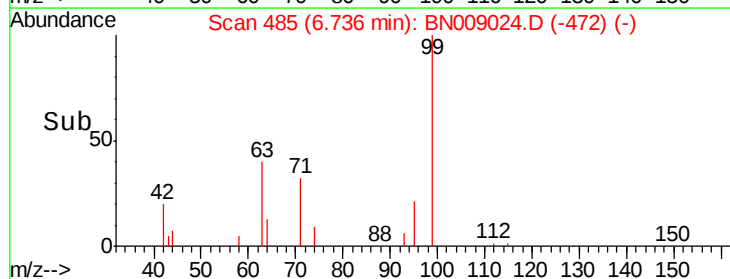
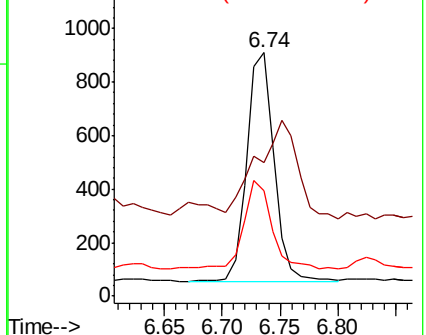
71 40.2 28.2 42.2

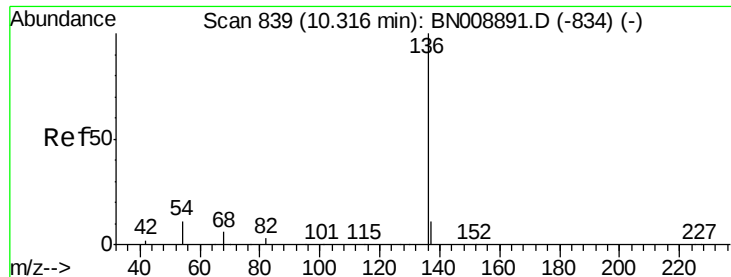


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209RE

Tot Ion:136 Resp: 16339

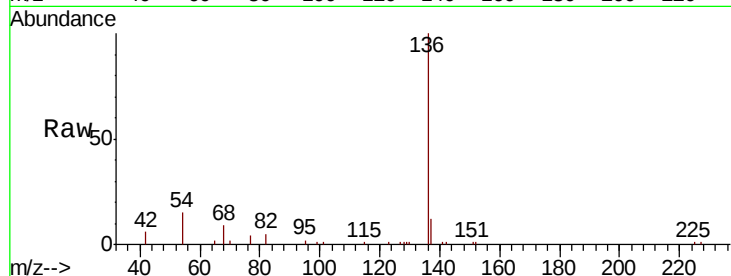
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 14.9 9.6 14.4#

68 9.1 5.6 8.4#

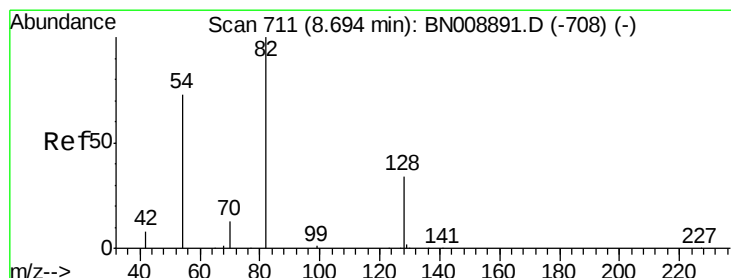
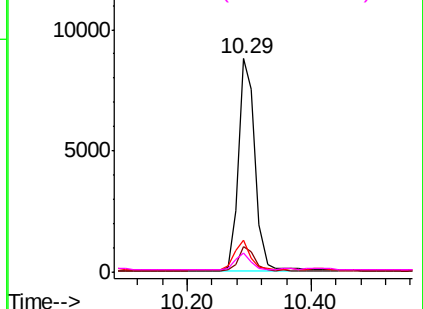
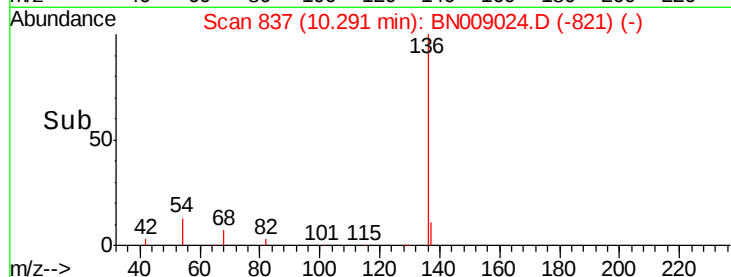


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.366 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

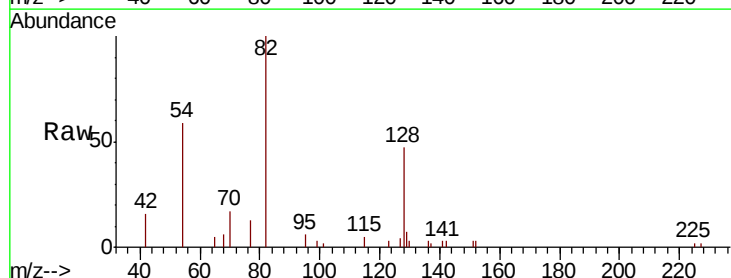
Tgt Ion: 82 Resp: 5066

Ion Ratio Lower Upper

82 100

128 46.8 29.1 43.7#

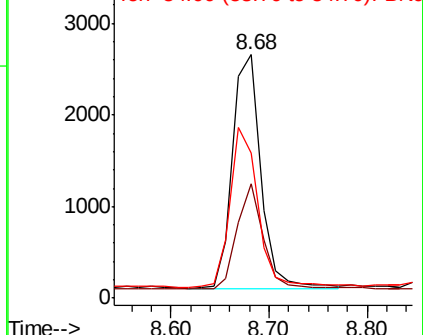
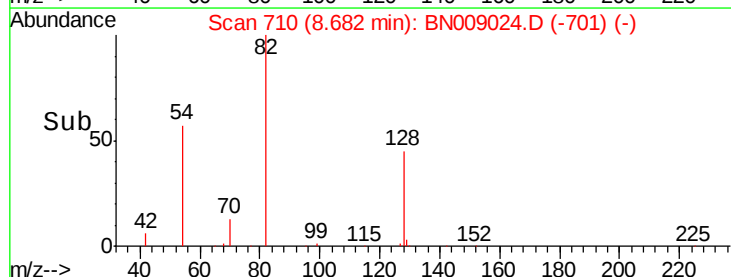
54 59.4 59.7 89.5#

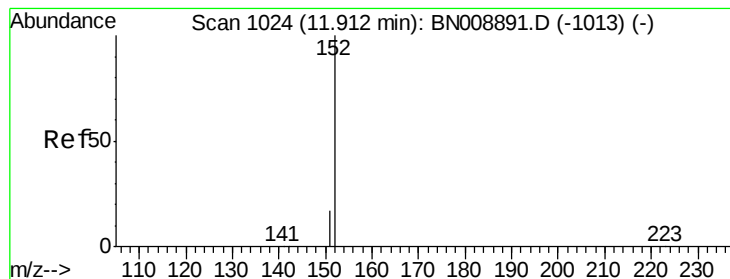


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

RT: 11.89 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

BNA_N

ClientSampleId :

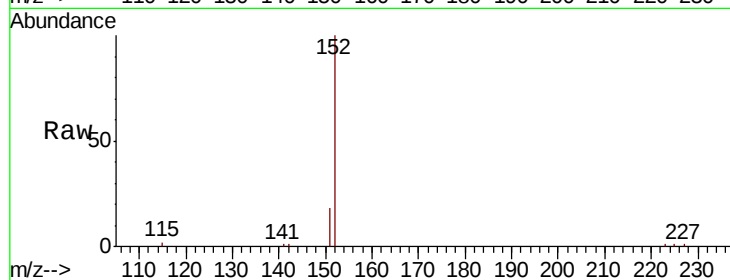
KY038PS027-191209RE

Tot Ion:152 Resp: 9961

Ion Ratio Lower Upper

152 100

151 19.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

6000

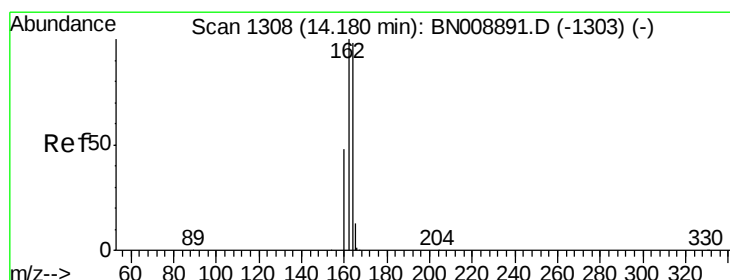
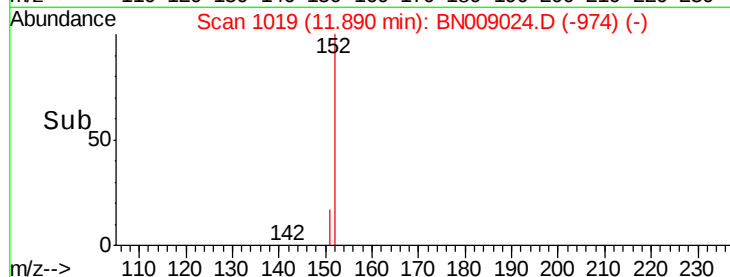
4000

2000

0

11.89

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

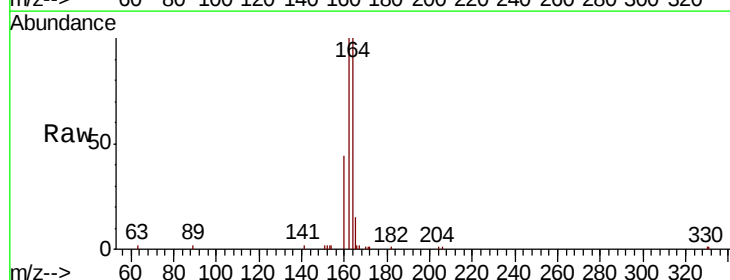
Tgt Ion:164 Resp: 10155

Ion Ratio Lower Upper

164 100

162 100.3 81.9 122.9

160 44.4 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

8000

6000

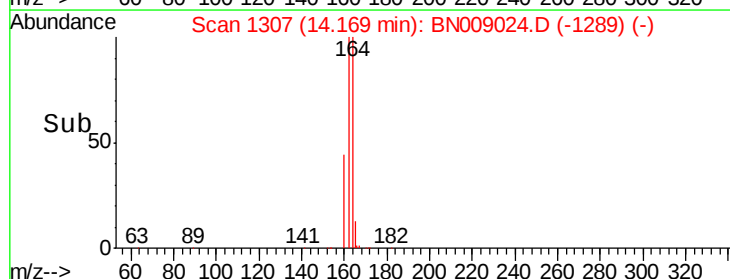
4000

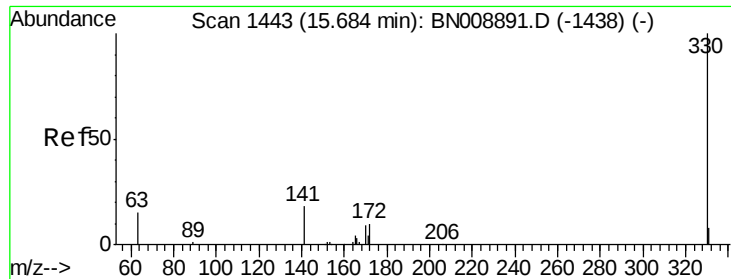
2000

0

14.17

Time-->

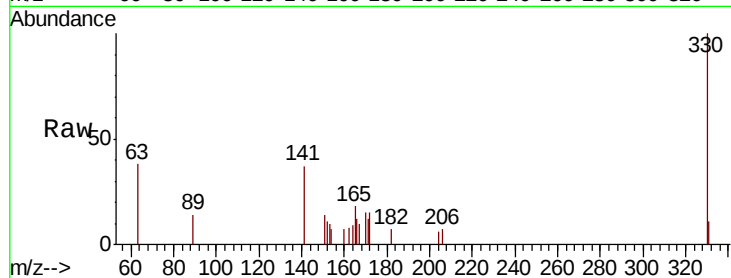




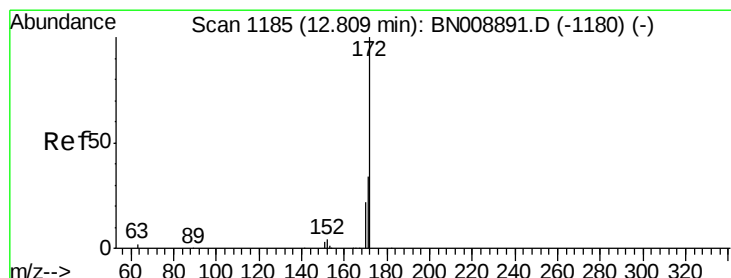
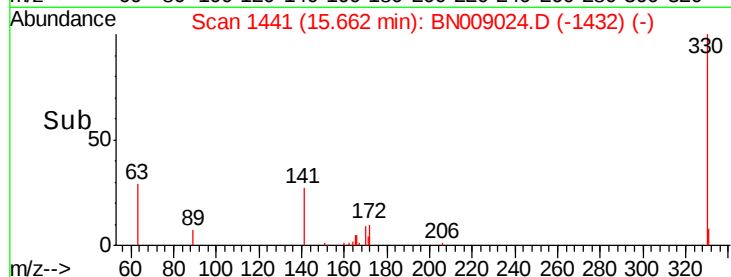
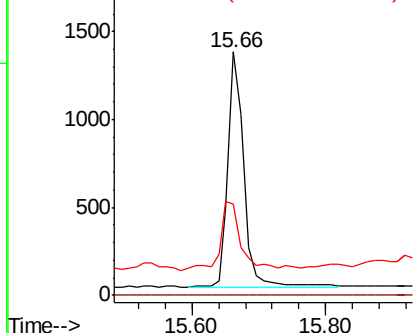
#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN009024.D
Acq: 18 Dec 2019 20:40

Instrument :
BNA_N
ClientSampleId :
KY038PS027-191209RE

Tot Ion:330 Resp: 2163
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.2 29.6 44.4

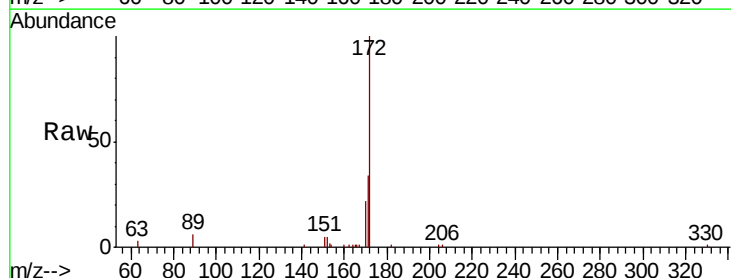


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

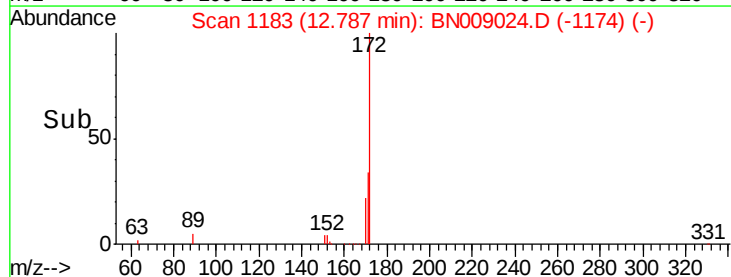
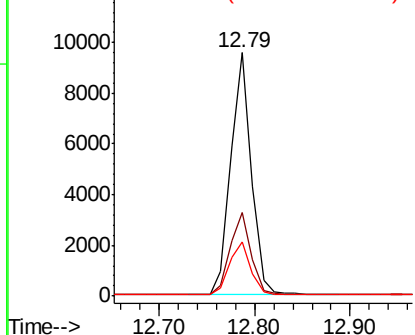


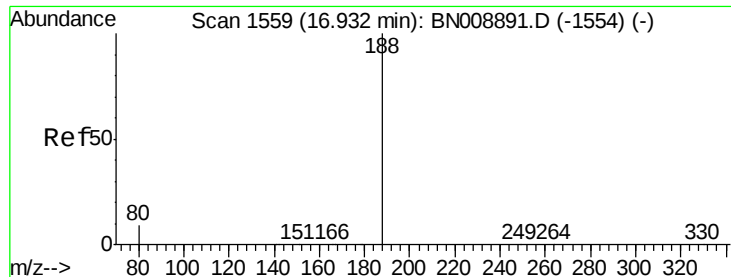
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN009024.D
Acq: 18 Dec 2019 20:40

Tgt Ion:172 Resp: 14387
Ion Ratio Lower Upper
172 100
171 34.3 27.1 40.7
170 22.4 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: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

BNA_N

ClientSampleId :

KY038PS027-191209RE

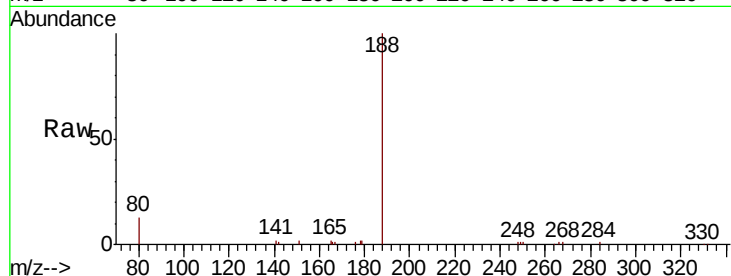
Tot Ion:188 Resp: 20900

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

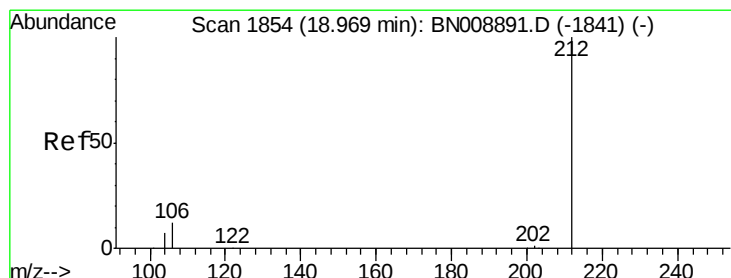
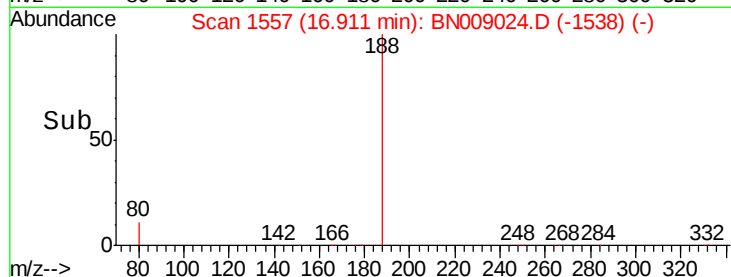
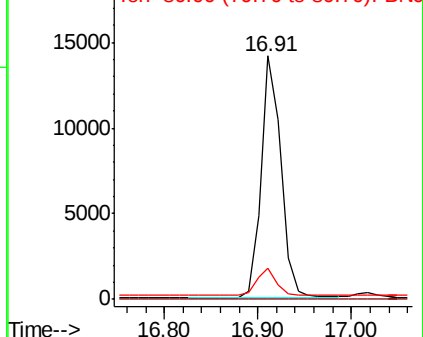
80 12.8 7.3 10.9#



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: 0.339 ng

RT: 18.95 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

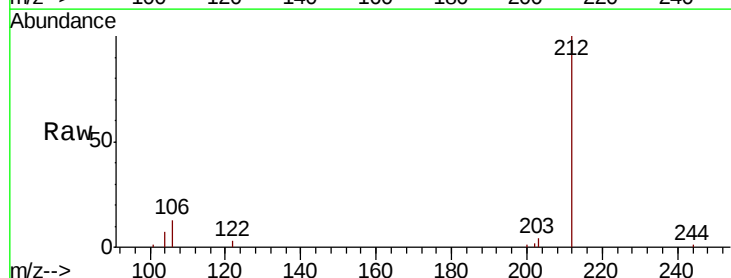
Tgt Ion:212 Resp: 21444

Ion Ratio Lower Upper

212 100

106 12.8 10.4 15.6

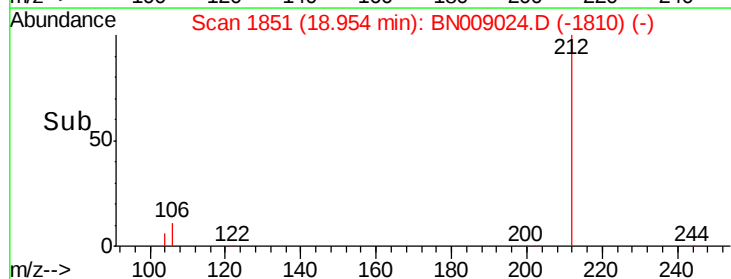
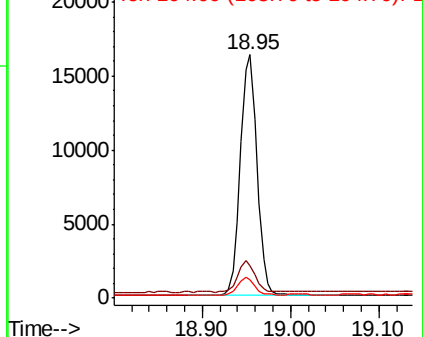
104 7.2 5.9 8.9

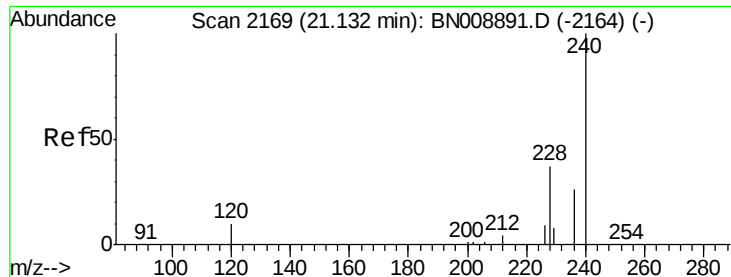


Abundance Ion 212.00 (211.70 to 212.70): E

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. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

Instrument :

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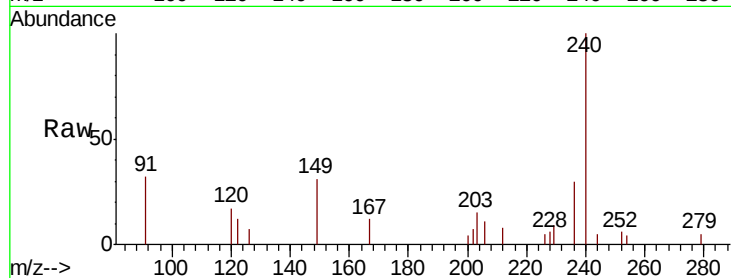
Tot Ion:240 Resp: 15589

Ion Ratio Lower Upper

240 100

120 17.2 9.1 13.7#

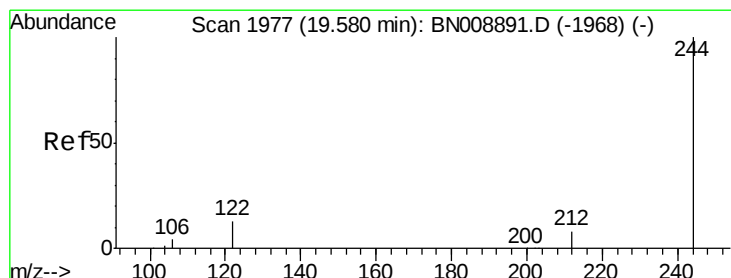
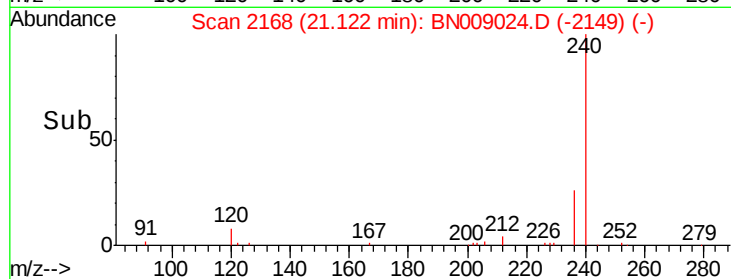
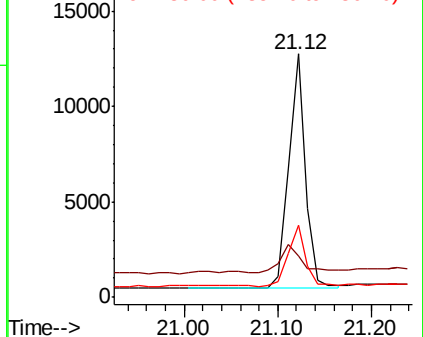
236 29.7 21.5 32.3



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: 0.452 ng

RT: 19.56 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BN009024.D

Acq: 18 Dec 2019 20:40

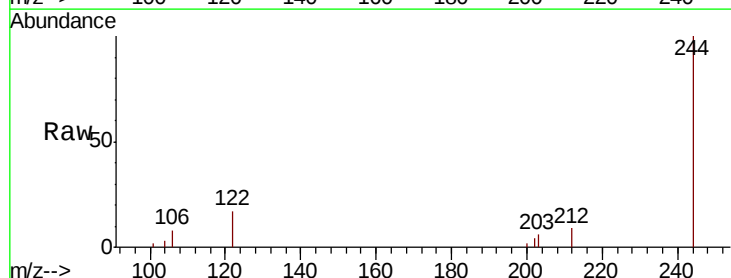
Tgt Ion:244 Resp: 16081

Ion Ratio Lower Upper

244 100

212 9.2 6.5 9.7

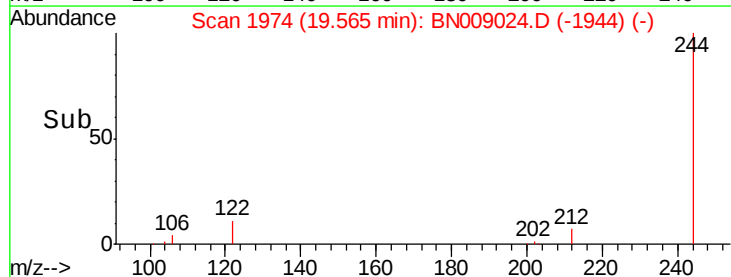
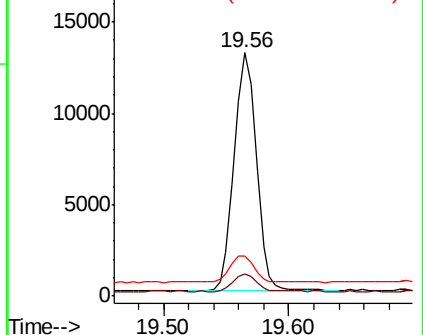
122 16.6 10.4 15.6#

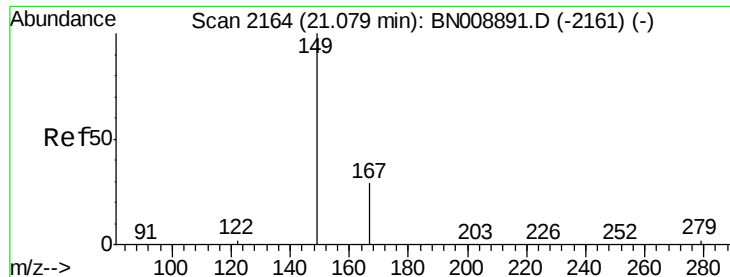


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

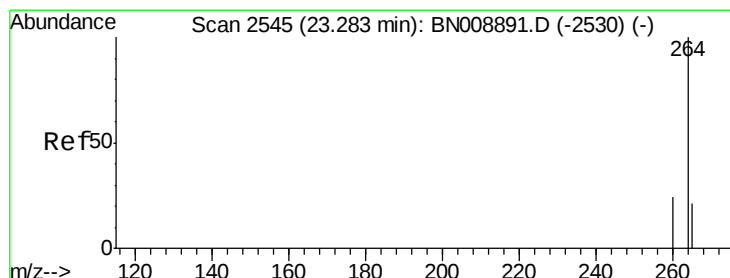
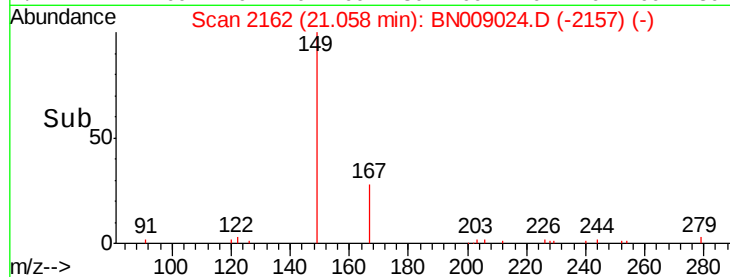
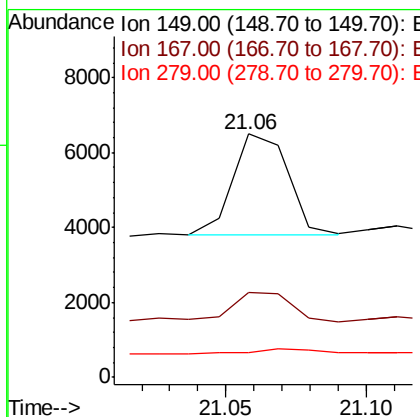
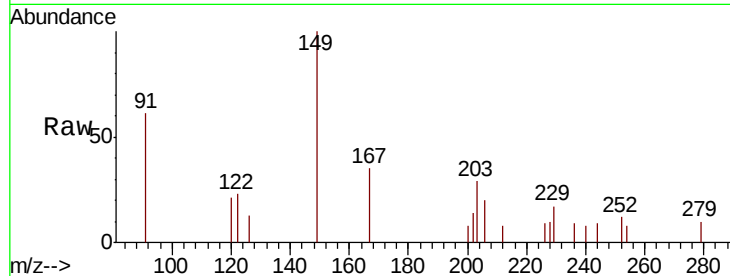




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.06 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BN009024.D
 Acq: 18 Dec 2019 20:40

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-191209RE

Tot Ion:149 Resp: 3661
 Ion Ratio Lower Upper
 149 100
 167 30.3 22.7 34.1
 279 4.7 3.3 4.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BN009024.D
 Acq: 18 Dec 2019 20:40

Tgt Ion:264 Resp: 16576
 Ion Ratio Lower Upper
 264 100
 260 27.4 19.4 29.0
 265 63.4 47.5 71.3

