

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010258.D
 Acq On : 18 Mar 2020 10:02
 Operator : CG/JU
 Sample : L1903-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20200309

Quant Time: Mar 18 11:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

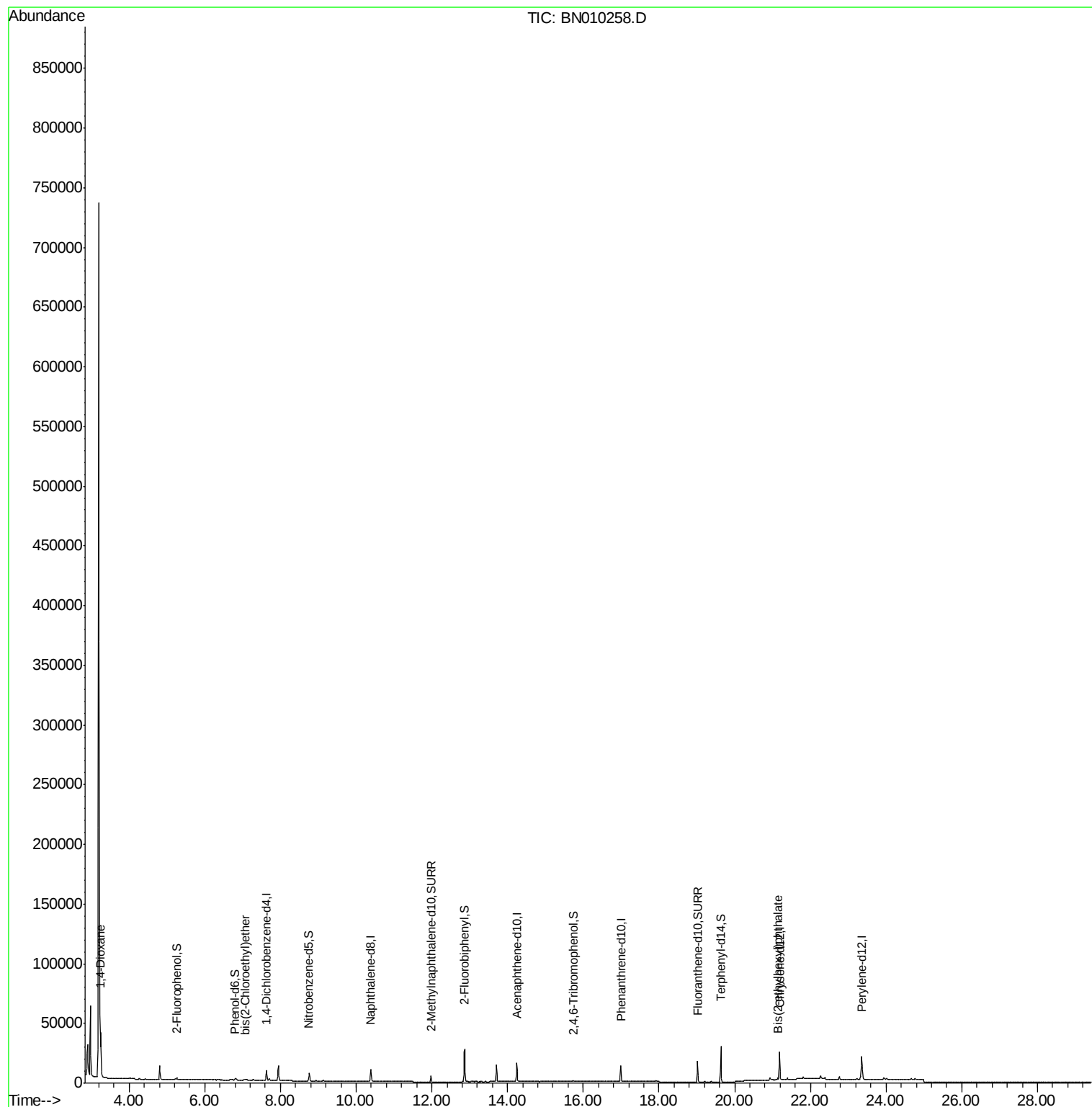
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3985	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13979	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8367	0.40	ng	-0.02
19) Phenanthrene-d10	16.99	188	20269	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21619	0.40	ng	0.00
34) Perylene-d12	23.36	264	24243	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1327	0.14	ng	0.00
5) Phenol-d6	6.81	99	994	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	5553	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7318	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1067	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	26198	0.88	ng	0.00
25) Fluoranthene-d10	19.02	212	21328	0.34	ng	-0.01
29) Terphenyl-d14	19.64	244	31679	0.64	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.25	88	19055	4.901	ng	# 53
6) bis(2-Chloroethyl)ether	7.06	93	256	0.026	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.13	149	1428	0.046	ng	# 95

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

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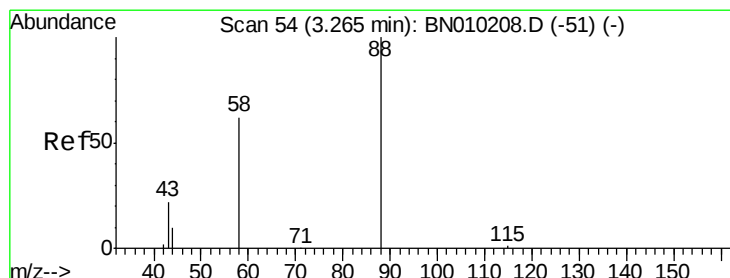
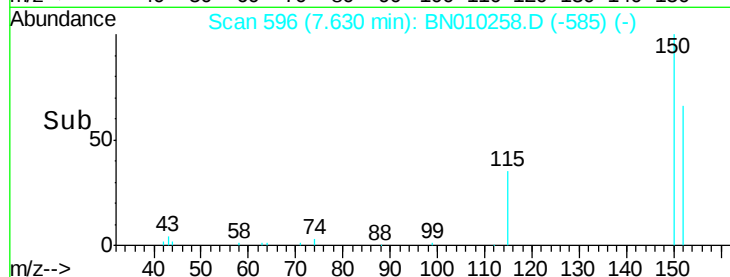
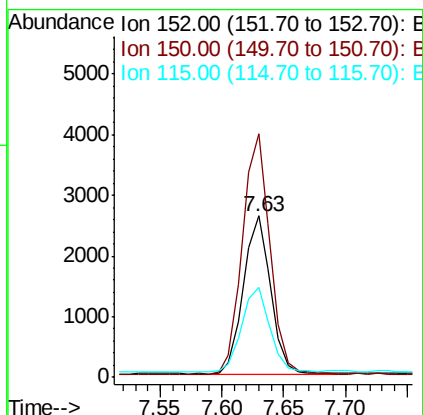
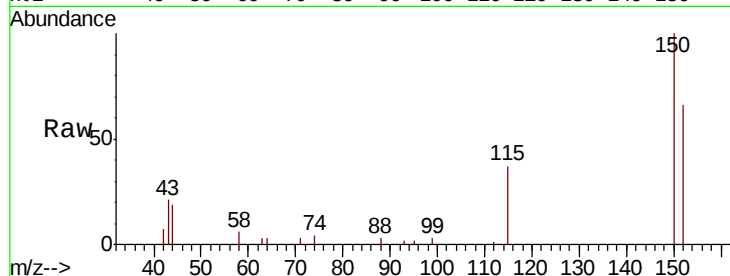


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010258.D
Acq: 18 Mar 2020 10:02

Instrument :
BNA_N
ClientSampleId :
RE120D2-20200309

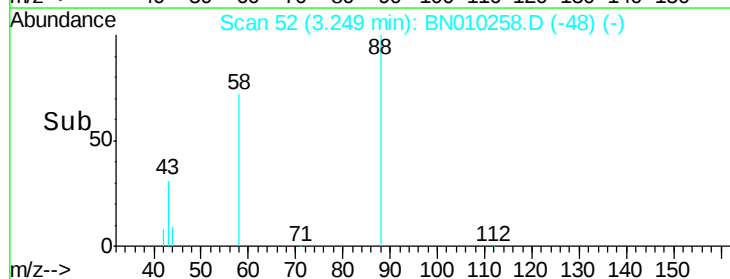
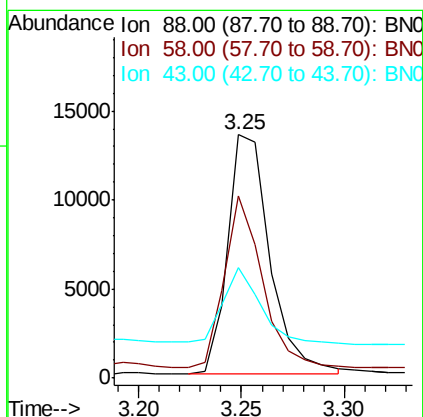
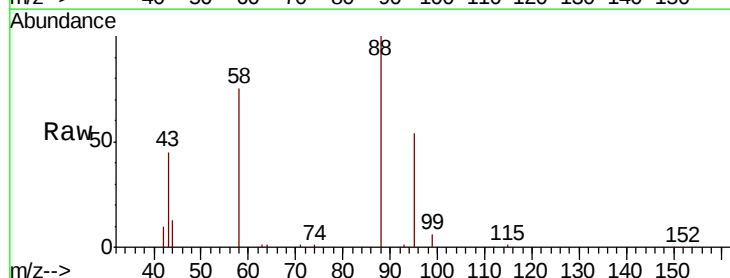
Tot Ion:152 Resp: 3985
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 55.6 50.9 76.3

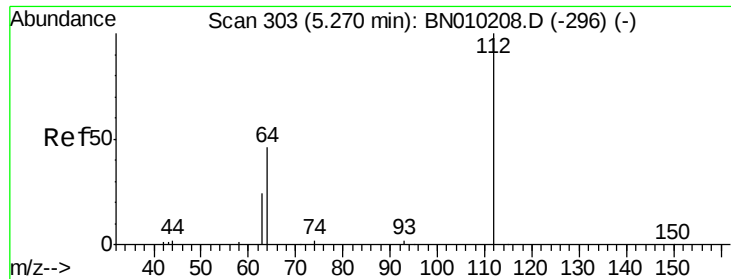


#2

1,4-Dioxane
Concen: 4.901 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010258.D
Acq: 18 Mar 2020 10:02

Tgt Ion: 88 Resp: 19055
Ion Ratio Lower Upper
88 100
58 64.7 97.8 146.8#
43 27.9 45.1 67.7#





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

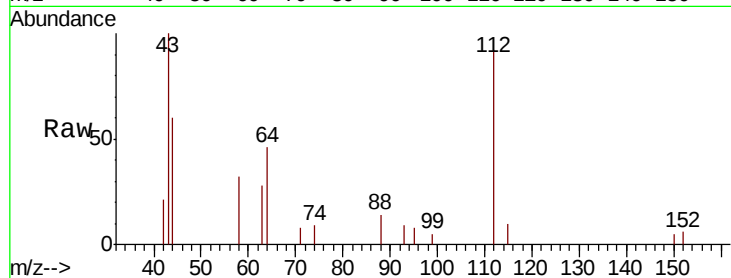
Tot Ion: 112 Resp: 1327

Ion Ratio Lower Upper

112 100

64 53.0 42.6 63.8

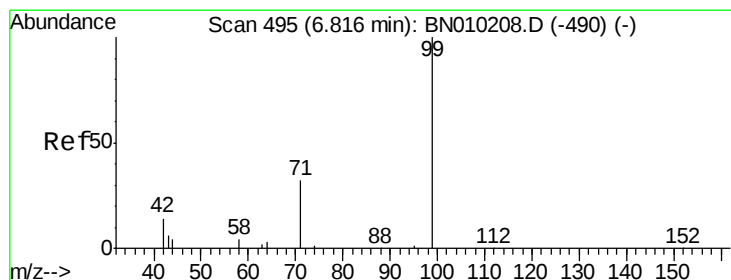
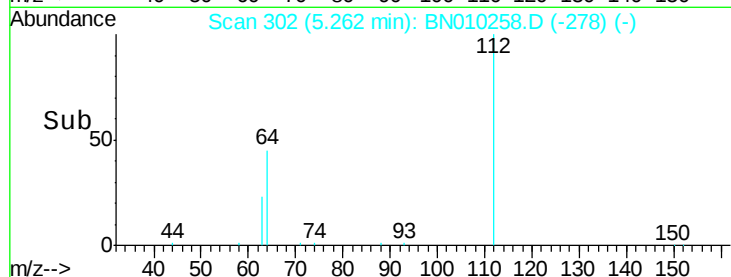
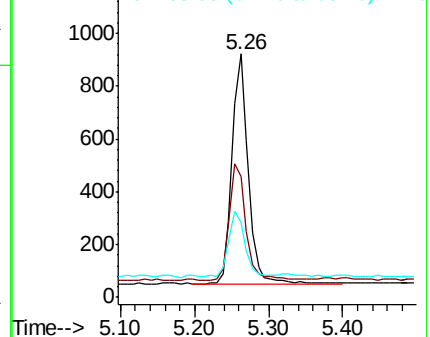
63 28.9 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

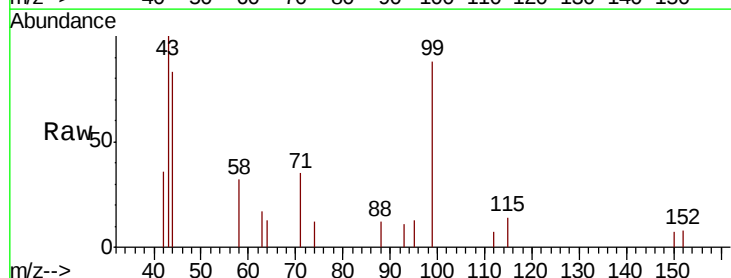
Tgt Ion: 99 Resp: 994

Ion Ratio Lower Upper

99 100

42 33.7 12.0 18.0#

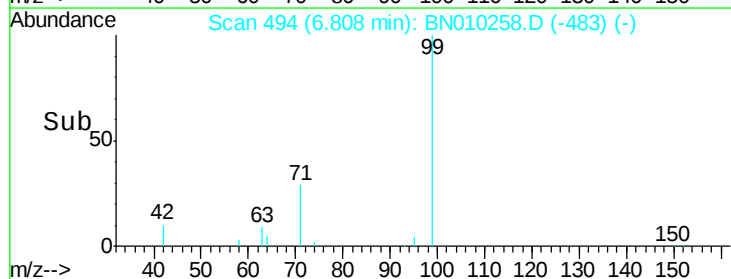
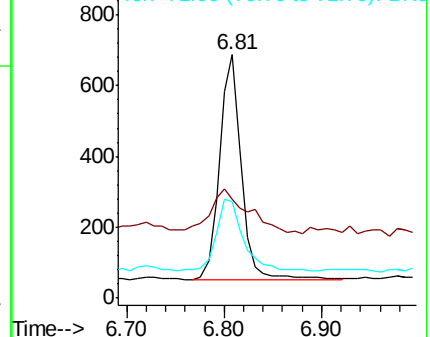
71 40.5 22.6 33.8#

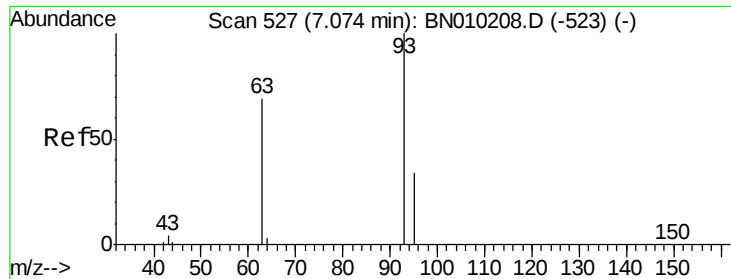


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.026 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

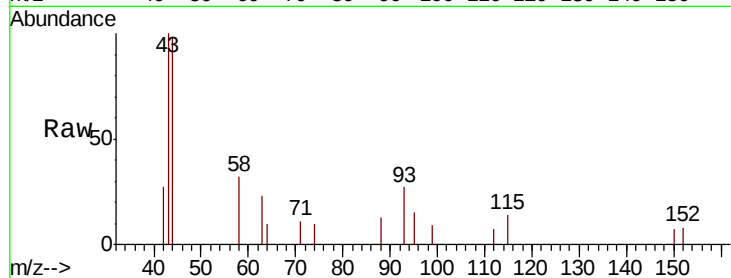
Tot Ion: 93 Resp: 256

Ion Ratio Lower Upper

93 100

63 61.7 53.4 80.0

95 25.8 28.6 42.8#



Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)

7.06

200

150

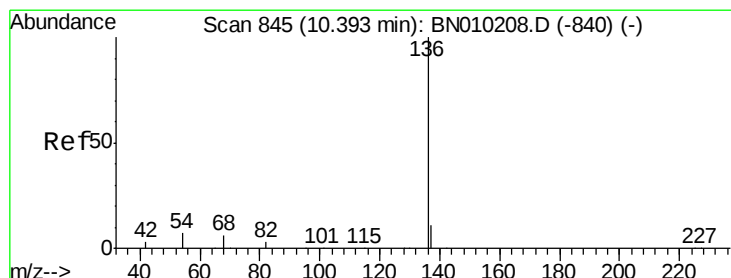
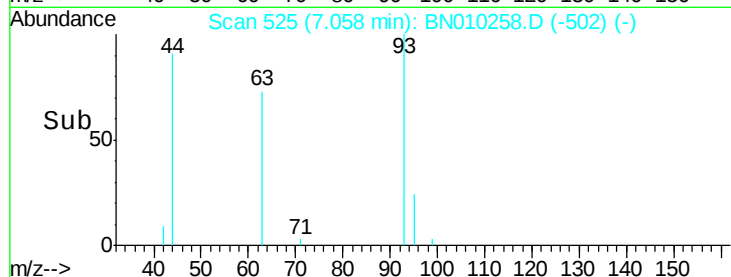
100

50

0

7.00 7.05 7.10 7.15

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Tgt Ion: 136 Resp: 13979

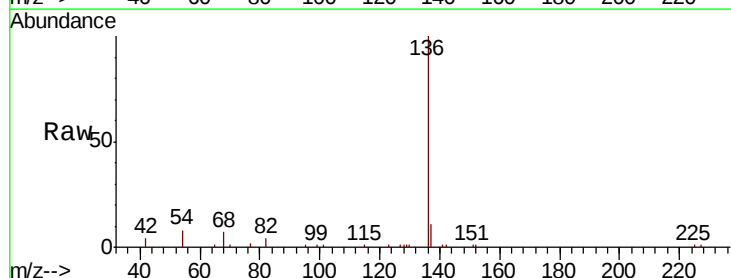
Ion Ratio Lower Upper

136 100

137 11.4 10.6 15.8

54 8.4 9.5 14.3#

68 6.8 9.7 14.5#



Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-840) (-)

Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

10.38

8000

6000

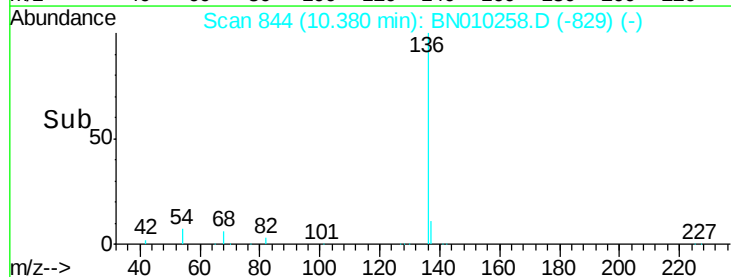
4000

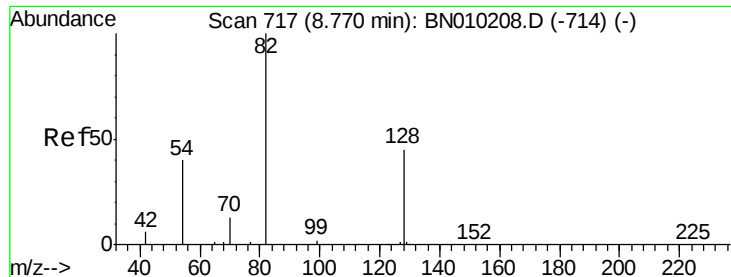
2000

0

10.20 10.30 10.40 10.50

Time-->

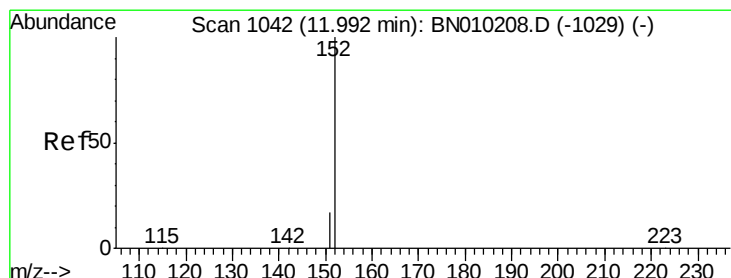
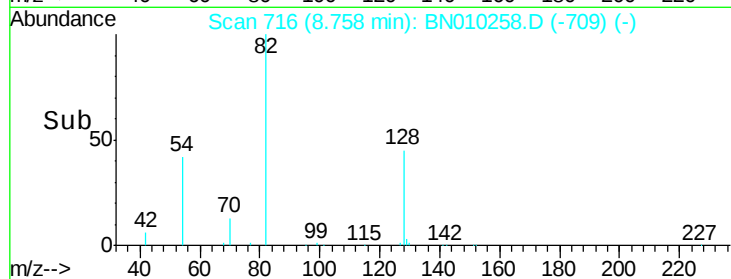
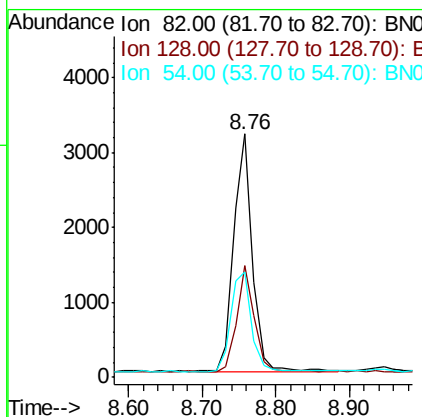
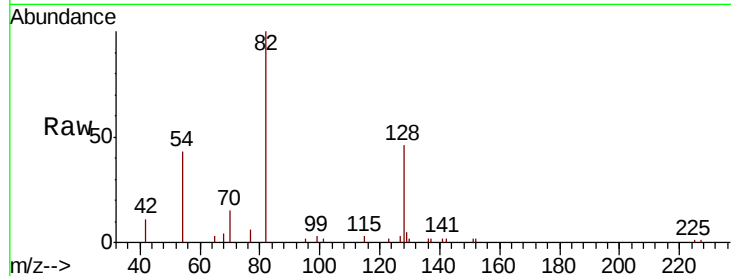




#8
 Nitrobenzene-d5
 Concen: 0.662 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010258.D
 Acq: 18 Mar 2020 10:02

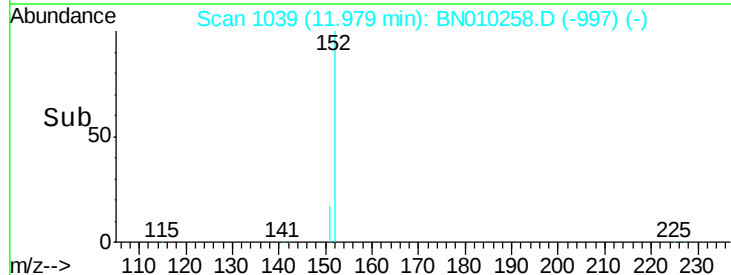
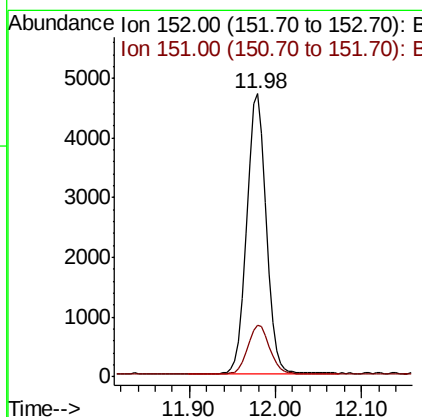
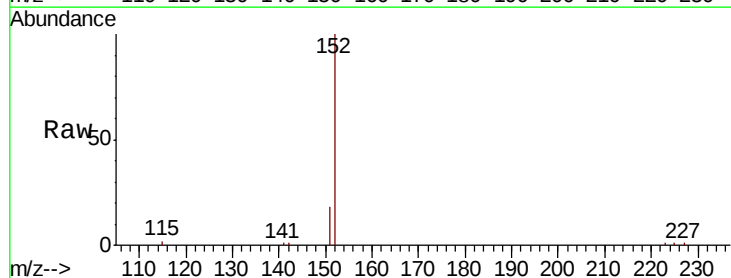
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20200309

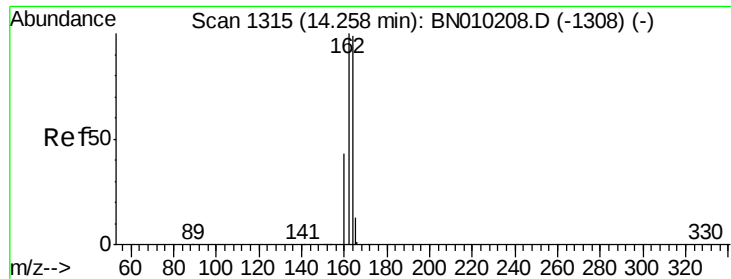
Tot Ion	82.00	Resp:	5553
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.0	52.6
54	43.3	37.0	55.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010258.D
 Acq: 18 Mar 2020 10:02

Tgt Ion	152.00	Resp:	7318
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

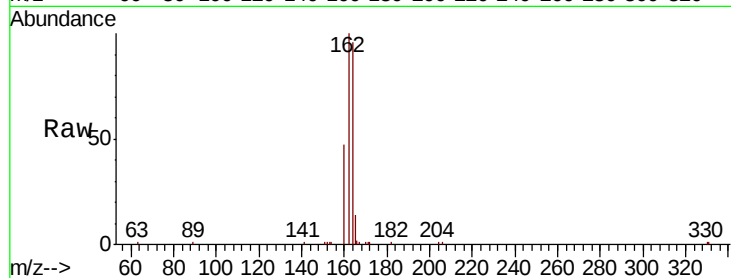
Tot Ion:164 Resp: 8367

Ion Ratio Lower Upper

164 100

162 104.2 81.0 121.4

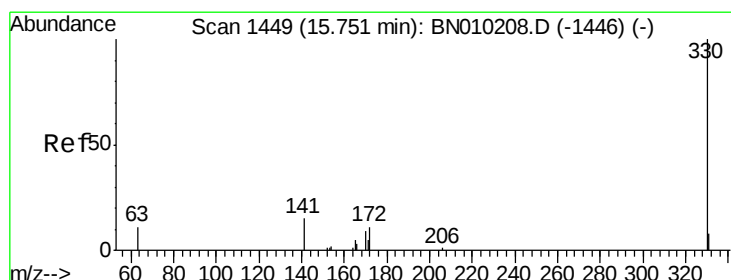
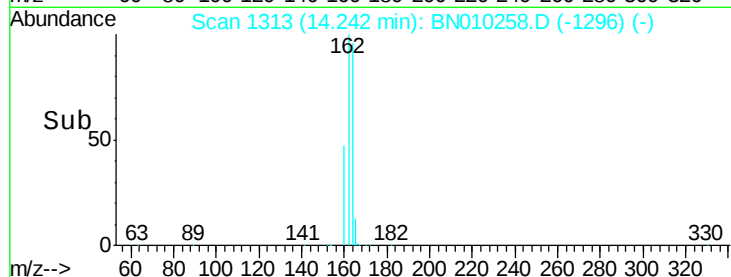
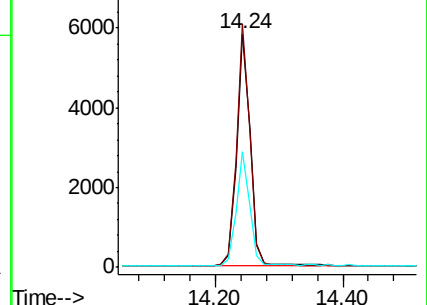
160 49.4 35.6 53.4



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: 0.356 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

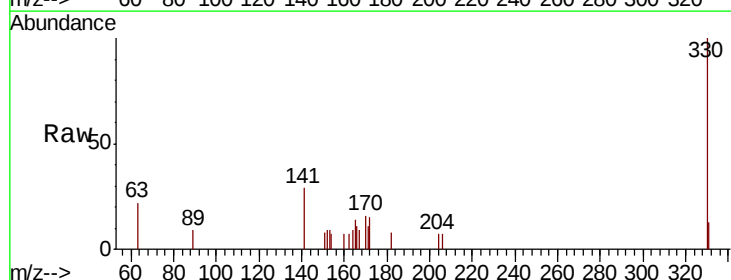
Tgt Ion:330 Resp: 1067

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

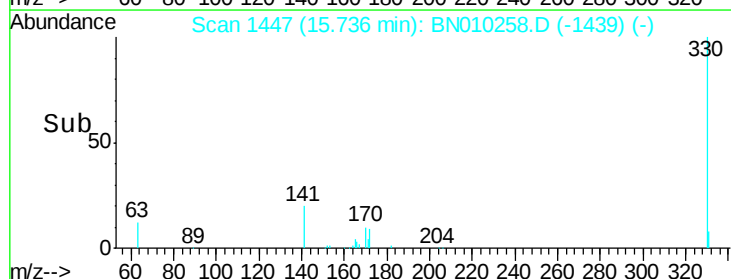
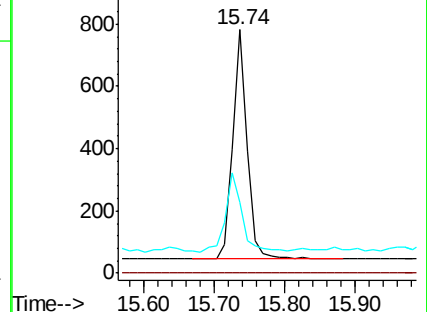
141 39.1 25.1 37.7#

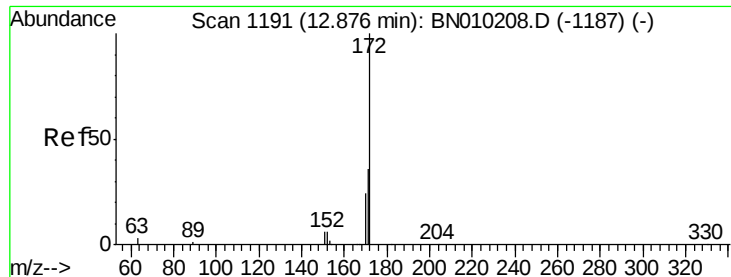


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

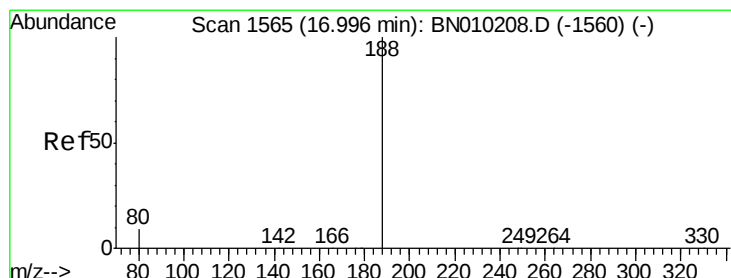
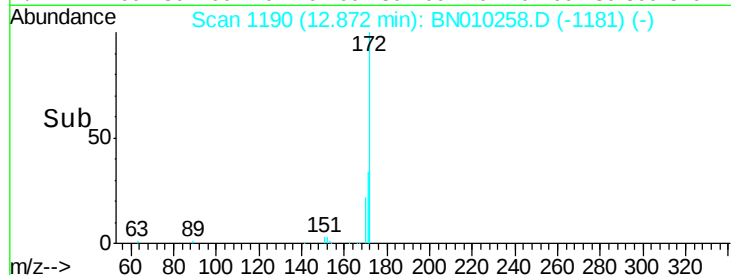
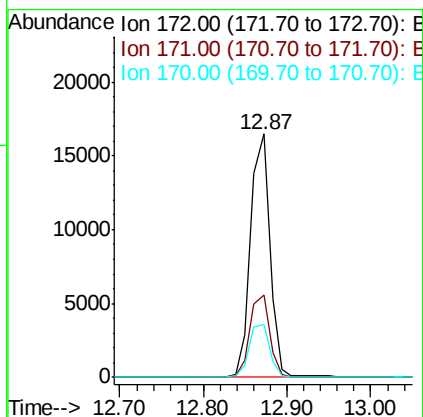
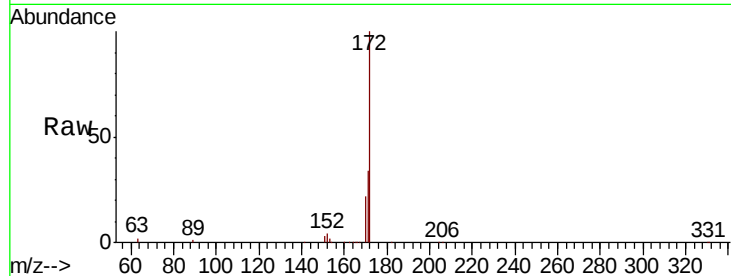




#15
2-Fluorobiphenyl
Concen: 0.879 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010258.D
Acq: 18 Mar 2020 10:02

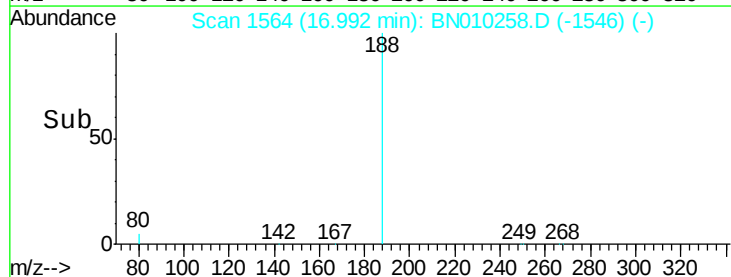
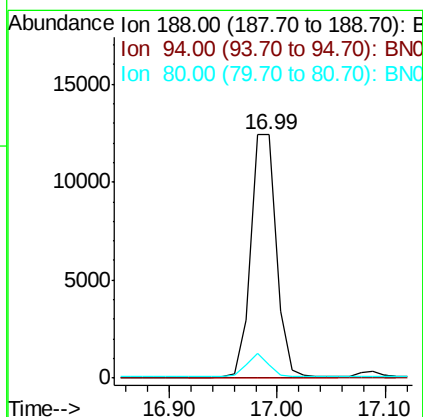
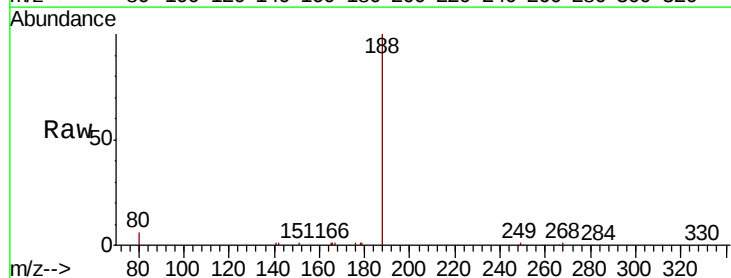
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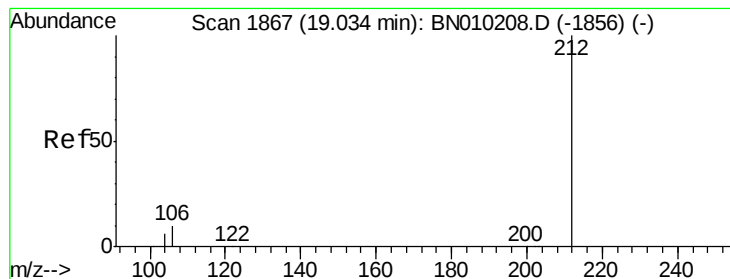
Tot Ion:172 Resp: 26198
Ion Ratio Lower Upper
172 100
171 33.8 29.4 44.2
170 21.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010258.D
Acq: 18 Mar 2020 10:02

Tgt Ion:188 Resp: 20269
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.6 8.6 12.8#





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

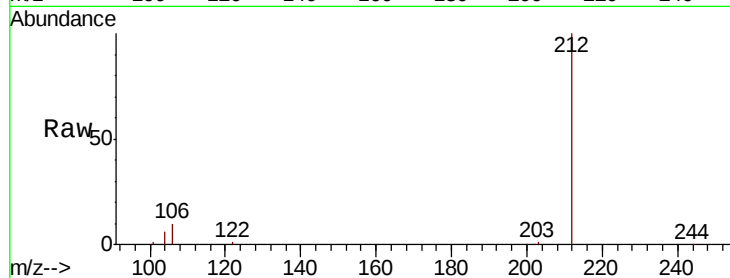
Tot Ion:212 Resp: 21328

Ion Ratio Lower Upper

212 100

106 9.9 8.1 12.1

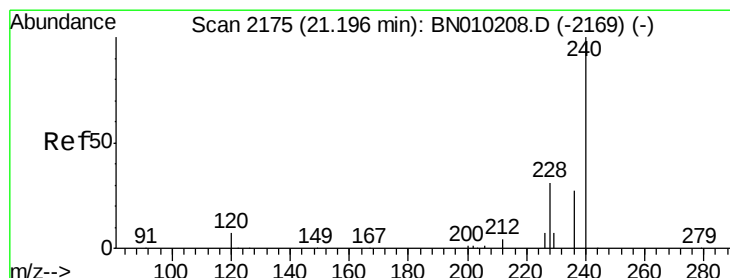
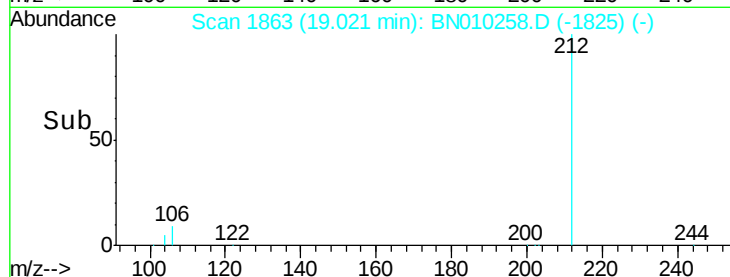
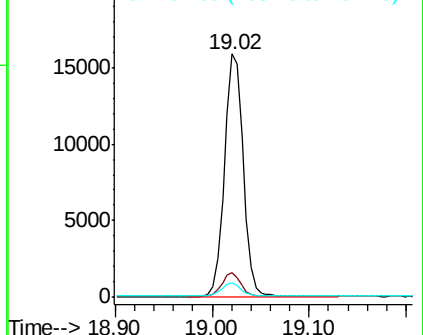
104 5.4 4.7 7.1



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: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

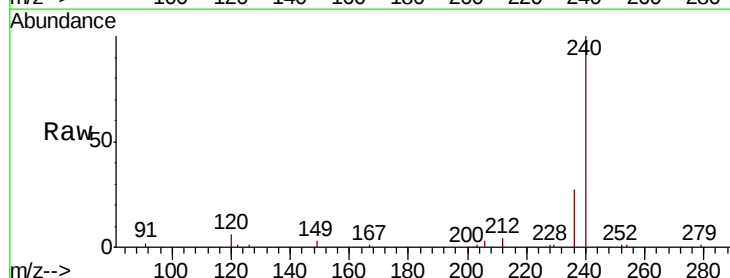
Tgt Ion:240 Resp: 21619

Ion Ratio Lower Upper

240 100

120 6.2 7.7 11.5#

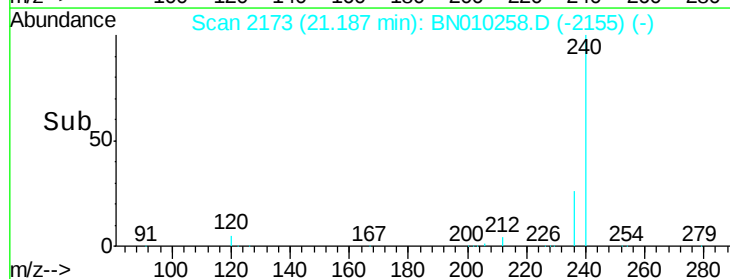
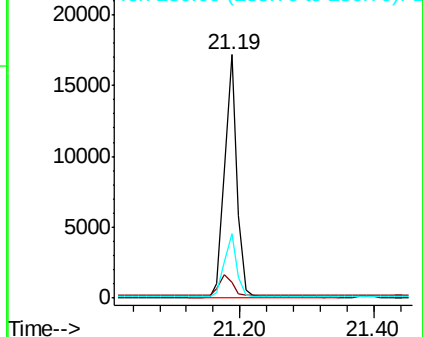
236 26.6 21.8 32.6

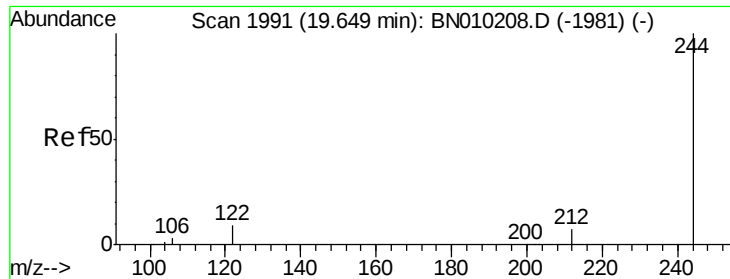


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.643 ng

RT: 19.64 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

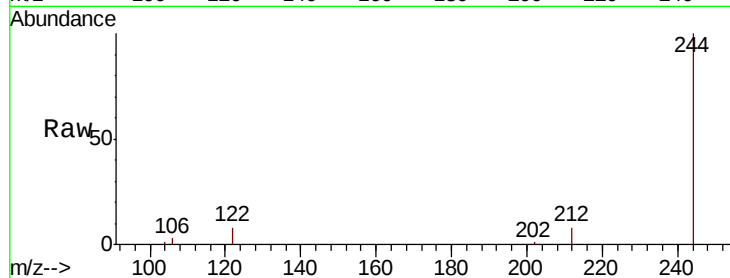
Tot Ion:244 Resp: 31679

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

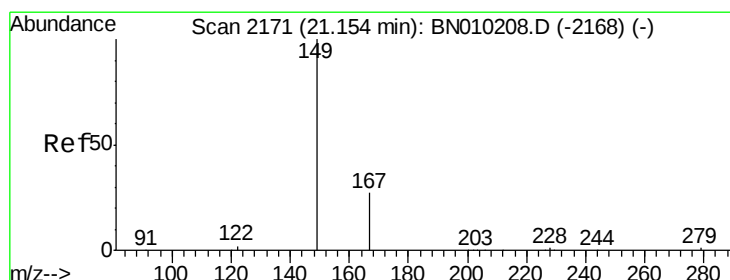
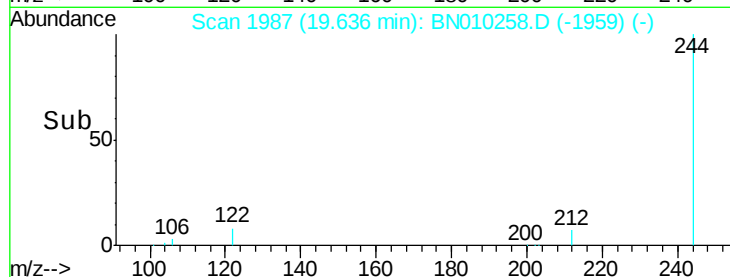
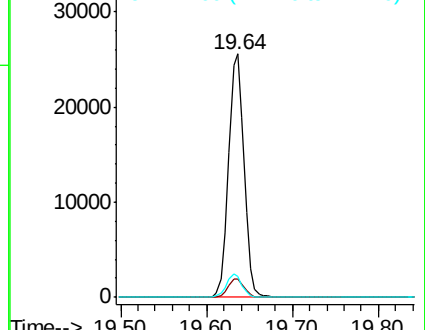
122 8.4 8.1 12.1



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: 0.046 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

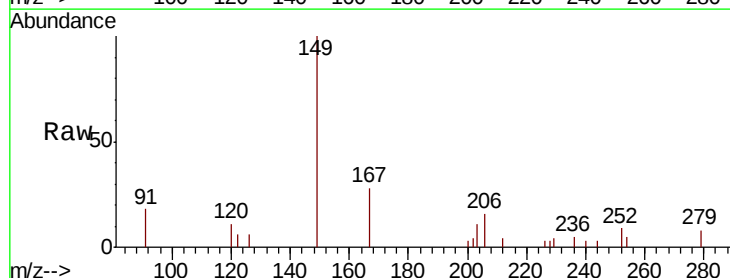
Tgt Ion:149 Resp: 1428

Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.4

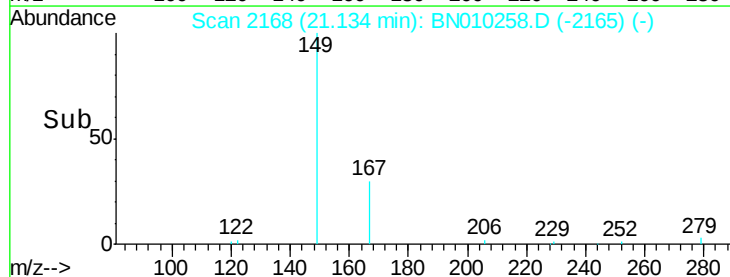
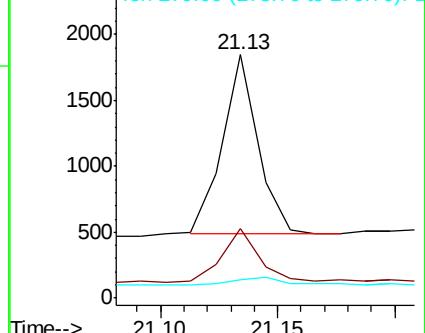
279 5.7 3.1 4.7#

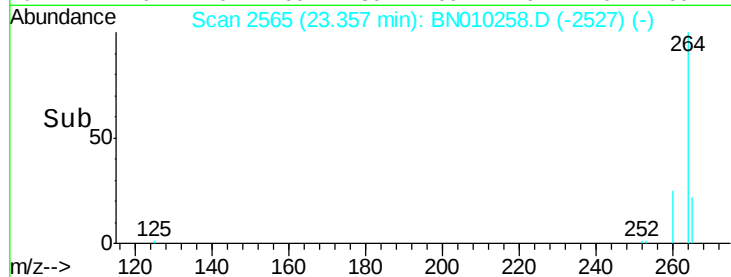
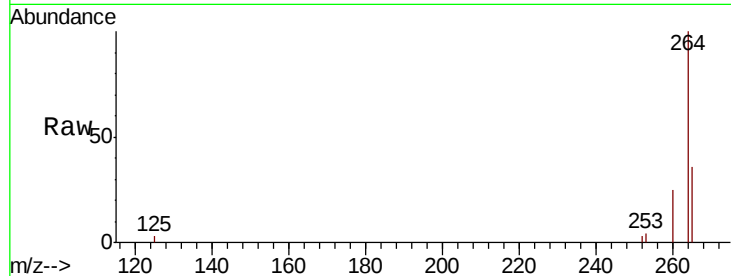
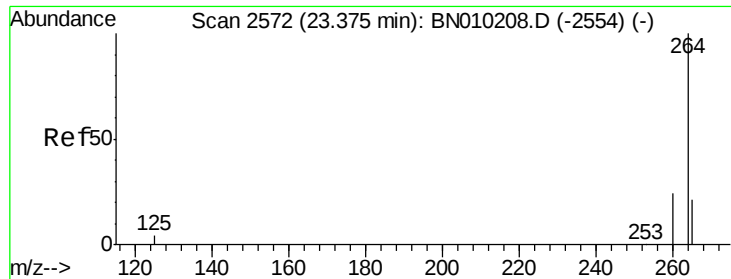


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010258.D

Acq: 18 Mar 2020 10:02

Instrument :

BNA_N

ClientSampleId :

RE120D2-20200309

Tot Ion:264 Resp: 24243

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 36.1 25.8 38.6

