

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010275.D
 Acq On : 18 Mar 2020 22:08
 Operator : CG/JU
 Sample : L1945-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20200312

Quant Time: Mar 19 01:14:19 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

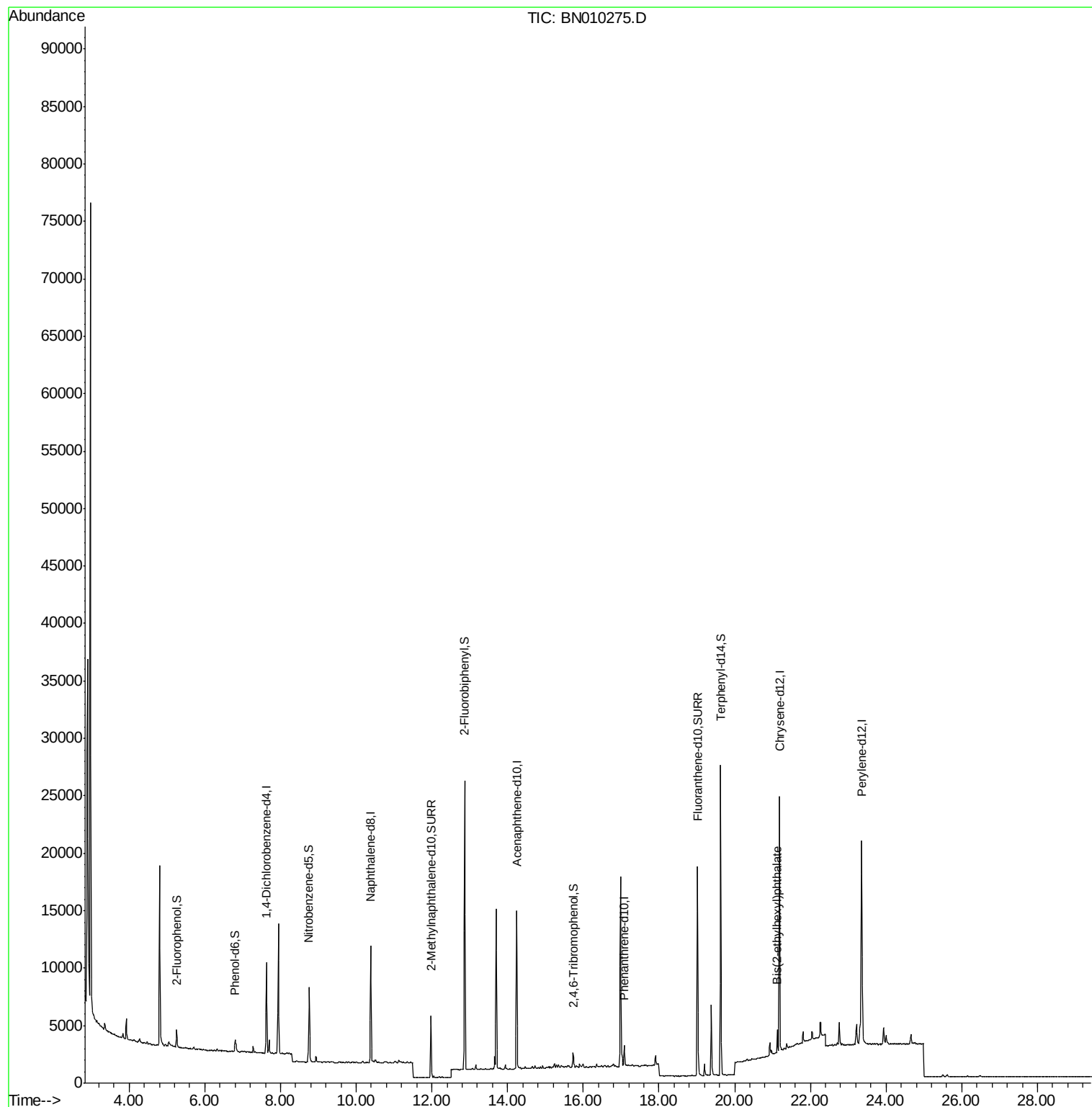
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3919	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13420	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8278	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	2573	0.40	ng	0.08
27) Chrysene-d12	21.18	240	21022	0.40	ng	-0.01
34) Perylene-d12	23.35	264	23619	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1291	0.14	ng	0.00
5) Phenol-d6	6.81	99	1020	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	5450	0.68	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7224	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1031	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	21260	0.72	ng	-0.01
25) Fluoranthene-d10	19.02	212	21148	2.66	ng	-0.02
29) Terphenyl-d14	19.63	244	27978	0.58	ng	-0.02
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.13	149	1608	0.053	ng	# 93

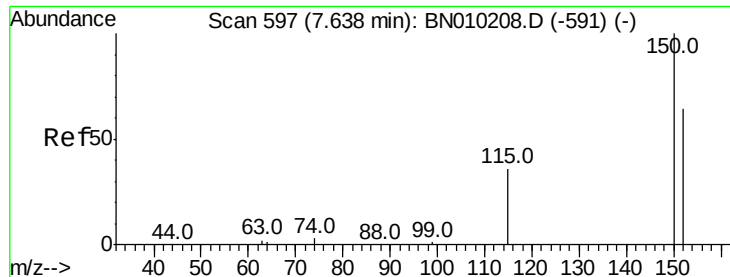
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

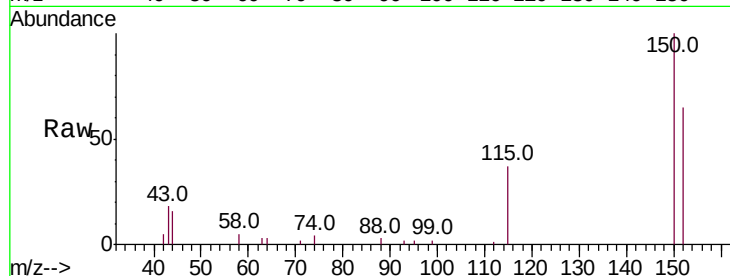
Tot Ion:152 Resp: 3919

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

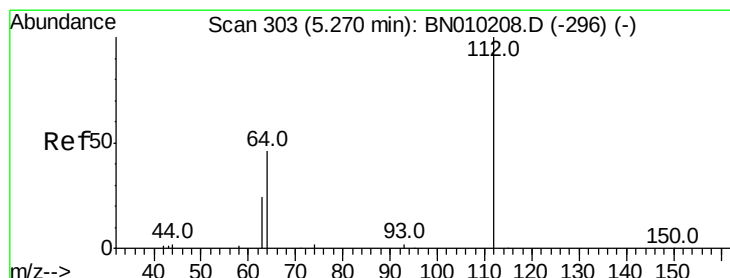
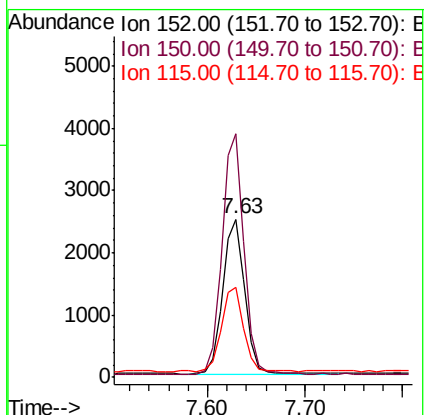
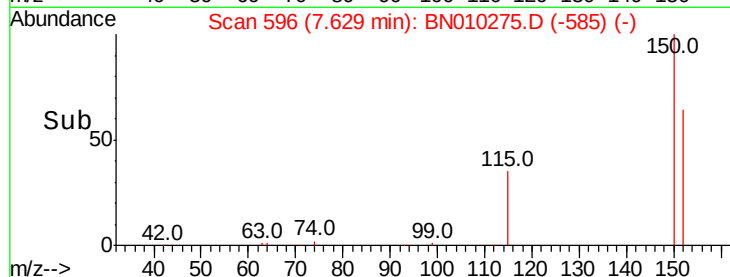
115 56.6 50.9 76.3



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



#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

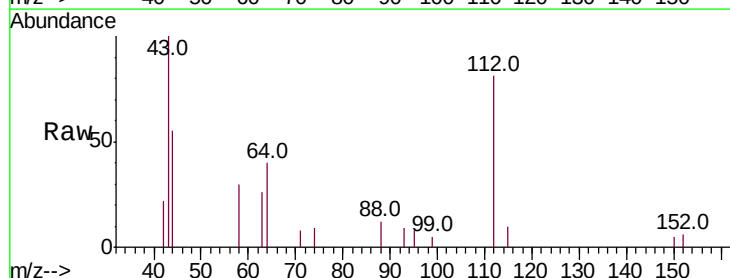
Tgt Ion:112 Resp: 1291

Ion Ratio Lower Upper

112 100

64 54.0 42.6 63.8

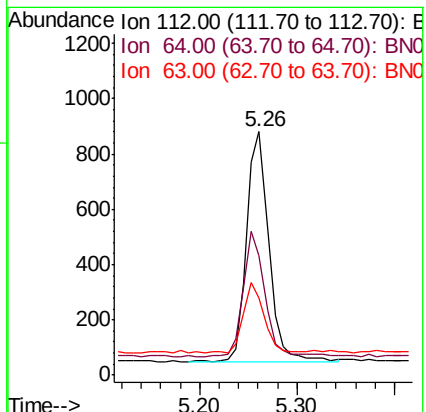
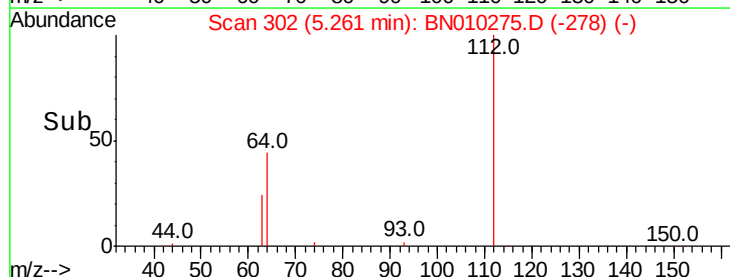
63 28.9 23.6 35.4

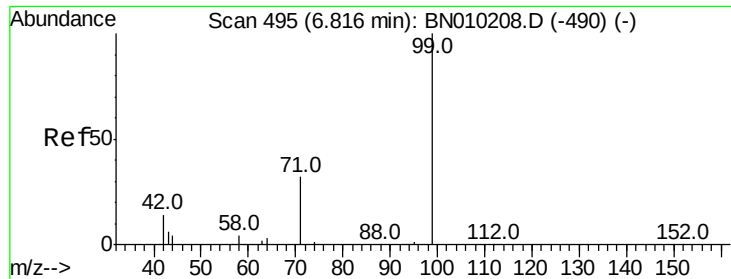


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.089 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

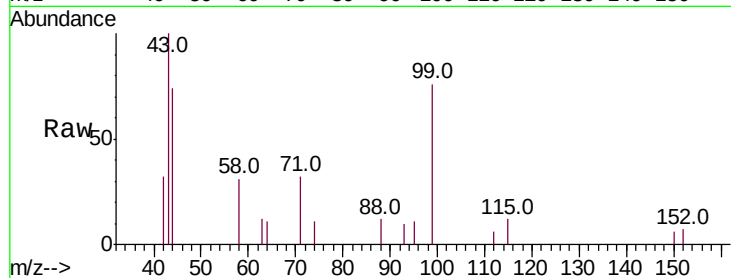
Tot Ion: 99 Resp: 1020

Ion Ratio Lower Upper

99 100

42 20.9 12.0 18.0#

71 38.2 22.6 33.8#

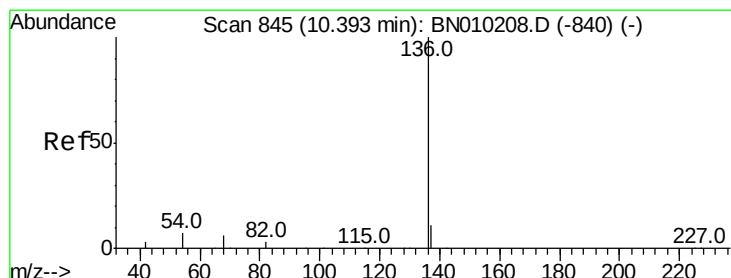
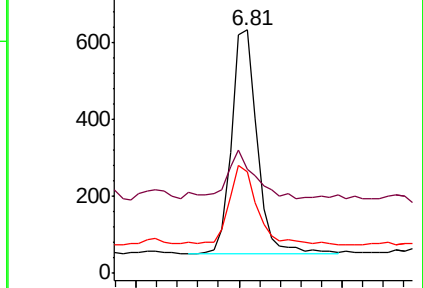
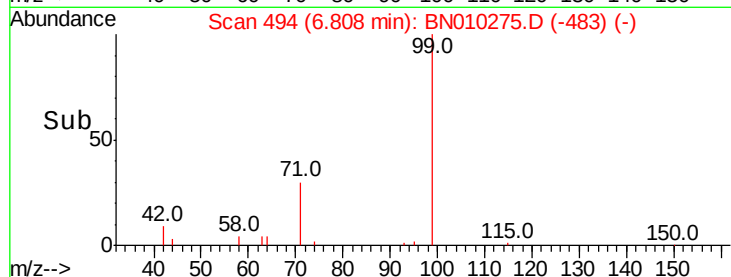


Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Tgt Ion: 136 Resp: 13420

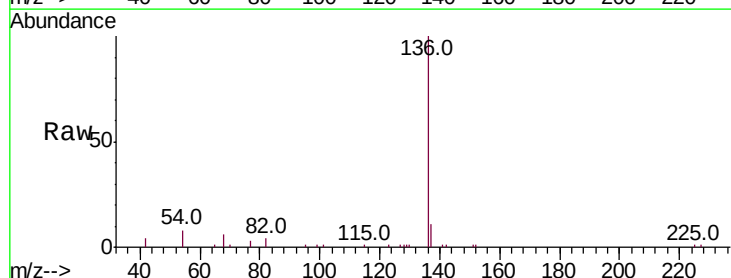
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.7 9.5 14.3#

68 6.5 9.7 14.5#



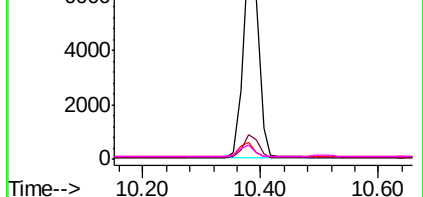
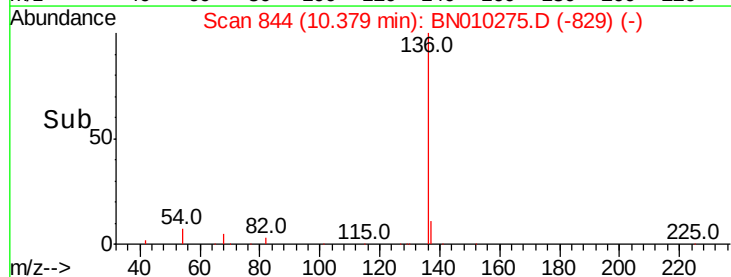
Abundance Ion 136.00 (135.70 to 136.70): BN010208.D (-840) (-)

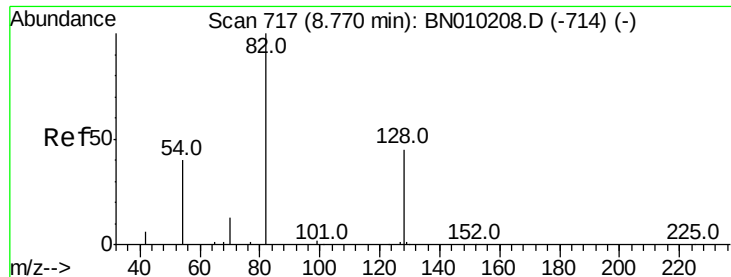
Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

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

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

Time-->





#8

Nitrobenzene-d5

Concen: 0.677 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

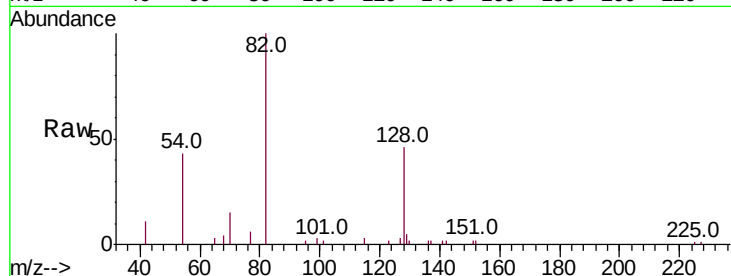
Tot Ion: 82 Resp: 5450

Ion Ratio Lower Upper

82 100

128 45.9 35.0 52.6

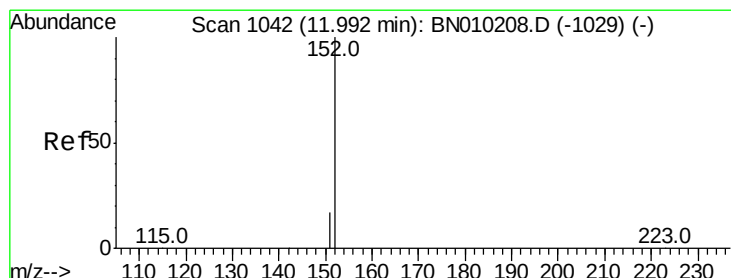
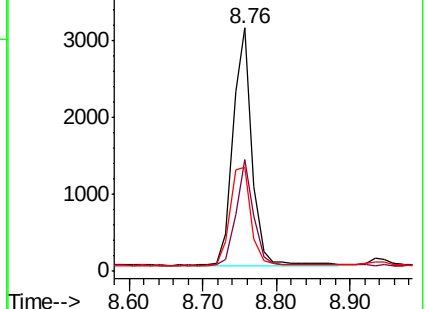
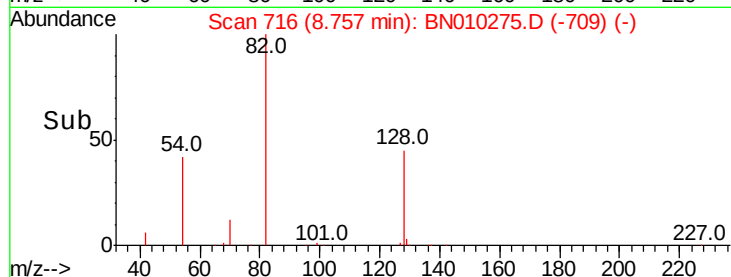
54 43.0 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BN010208.D (-714) (-)

Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

Ion 54.00 (53.70 to 54.70): BN010208.D (-714) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 11.97 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BN010275.D

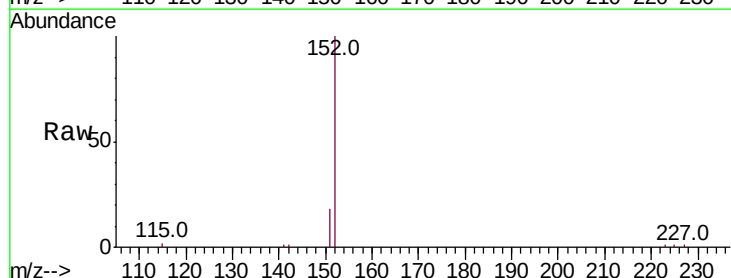
Acq: 18 Mar 2020 22:08

Tgt Ion: 152 Resp: 7224

Ion Ratio Lower Upper

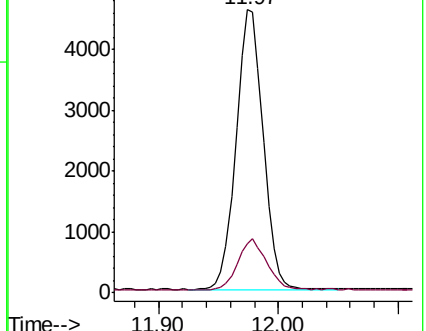
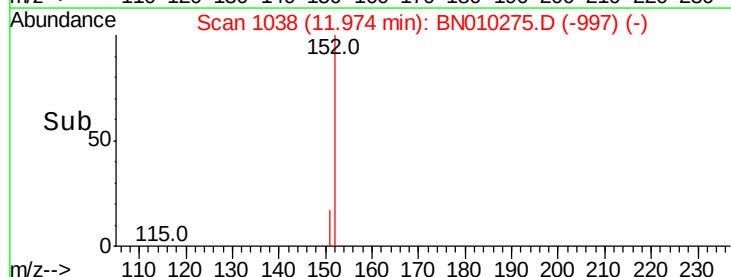
152 100

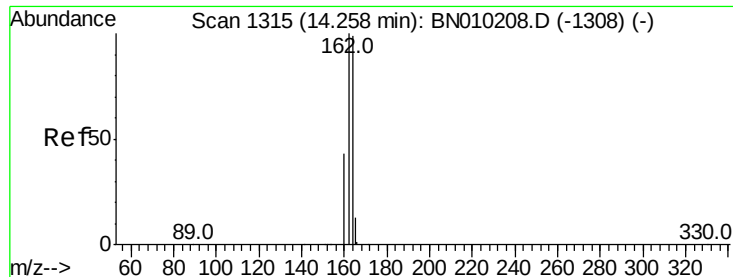
151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BN010208.D (-1029) (-)

Ion 151.00 (150.70 to 151.70): BN010208.D (-1029) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

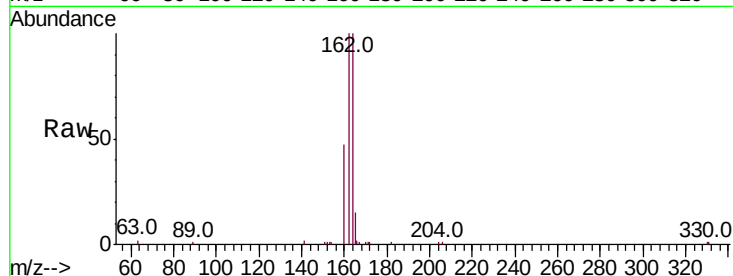
Tot Ion:164 Resp: 8278

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

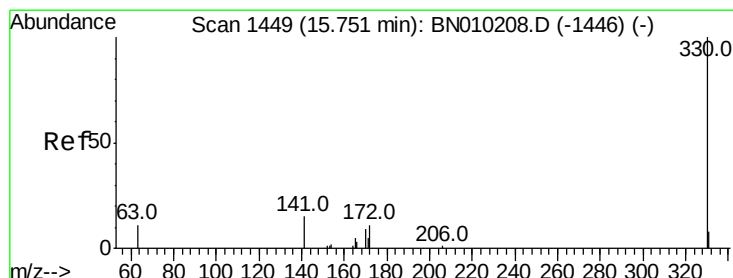
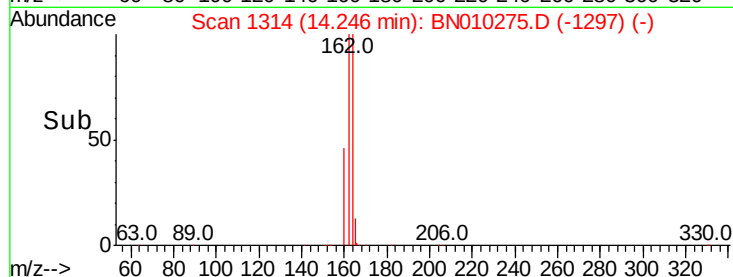
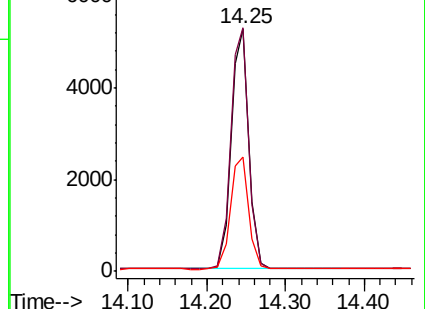
160 46.9 35.6 53.4



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: 0.348 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

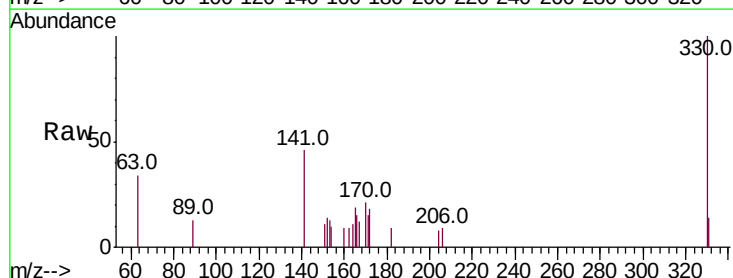
Tgt Ion:330 Resp: 1031

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

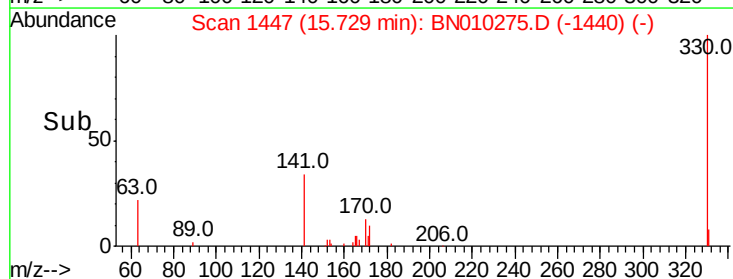
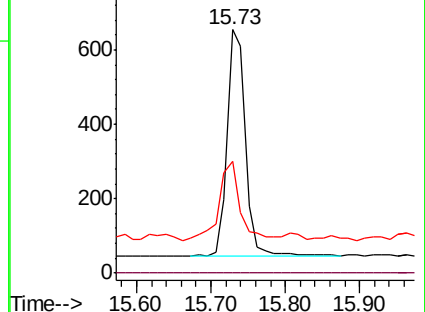
141 40.0 25.1 37.7#

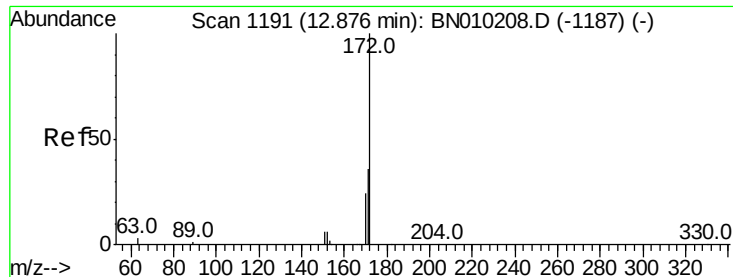


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

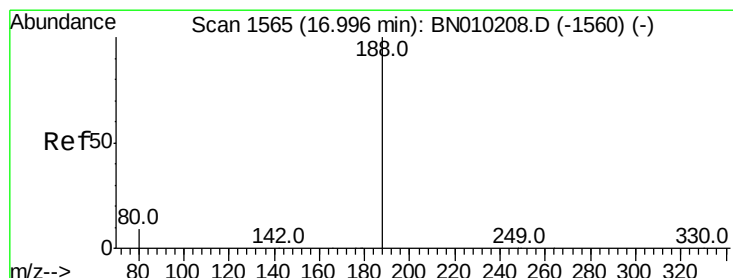
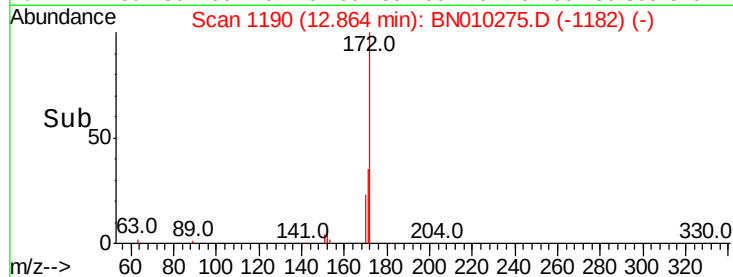
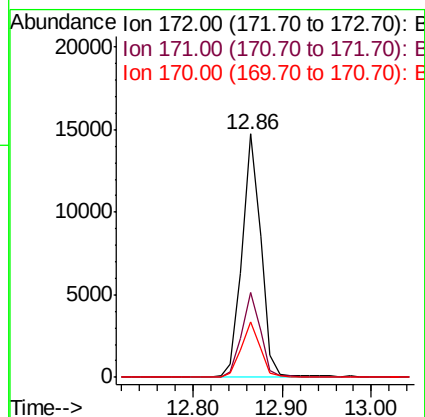
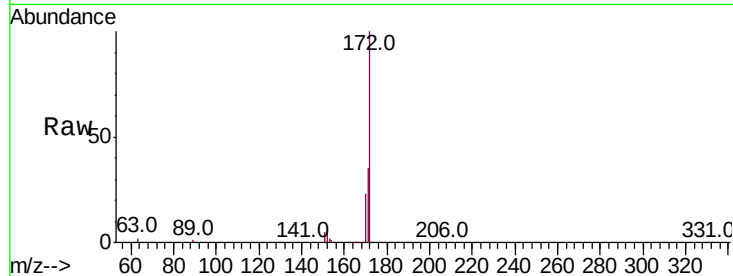




#15
2-Fluorobiphenyl
Concen: 0.721 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010275.D
Acq: 18 Mar 2020 22:08

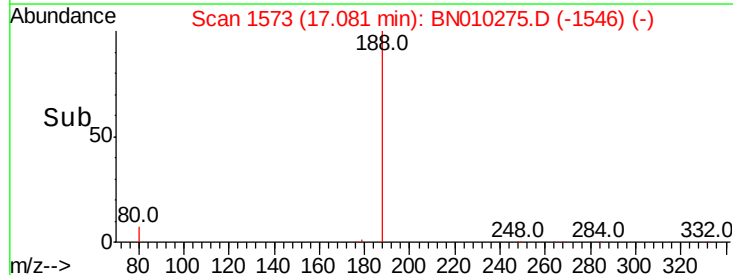
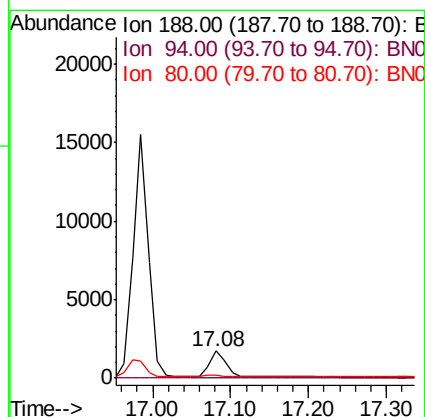
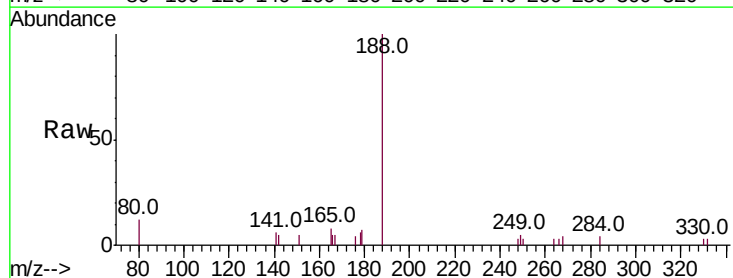
Instrument :
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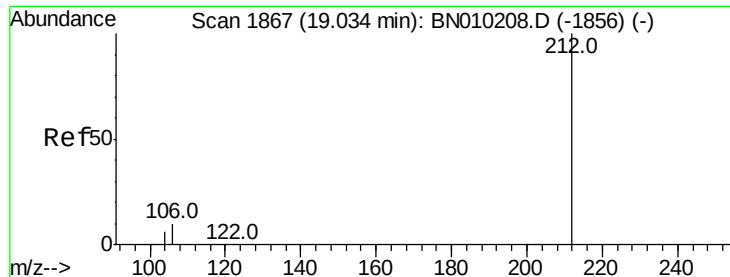
Tot Ion:172 Resp: 21260
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.2
170 23.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.08 min
Lab File: BN010275.D
Acq: 18 Mar 2020 22:08

Tgt Ion:188 Resp: 2573
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 8.6 12.8





#25

Fluoranthene-d10

Concen: 2.662 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

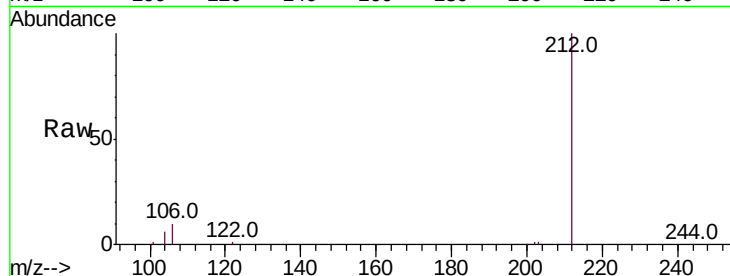
Tot Ion:212 Resp: 21148

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

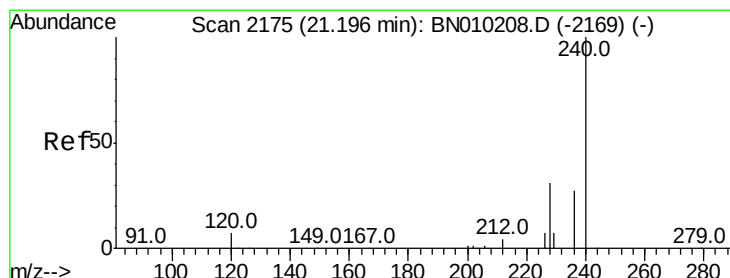
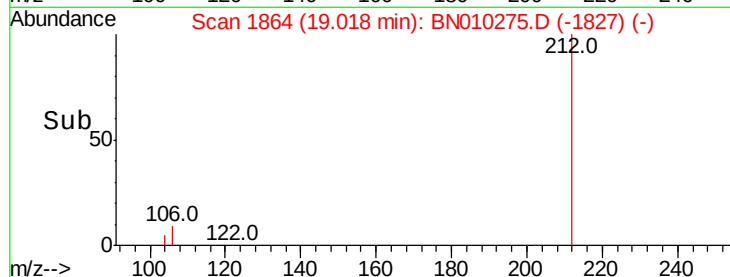
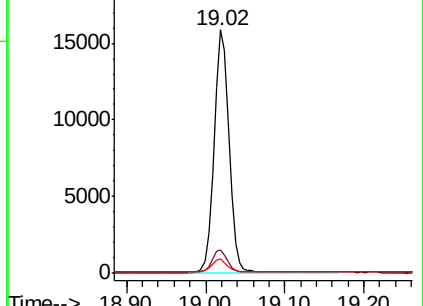
104 5.6 4.7 7.1



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: 21.18 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

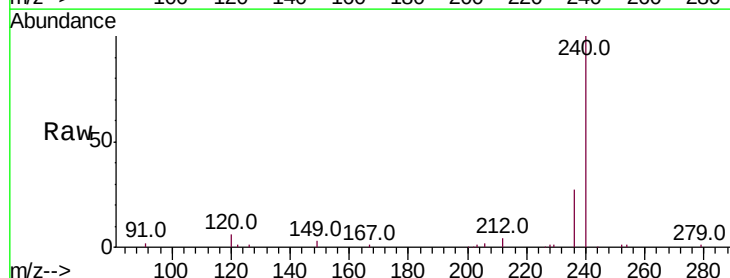
Tgt Ion:240 Resp: 21022

Ion Ratio Lower Upper

240 100

120 5.8 7.7 11.5#

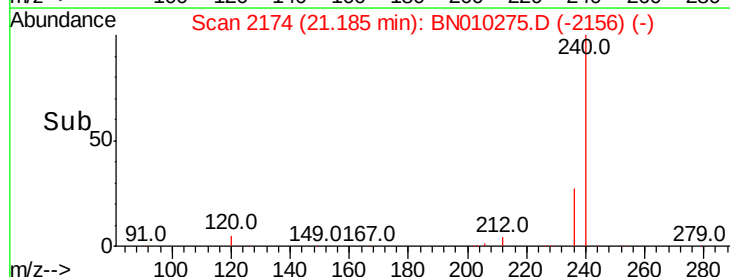
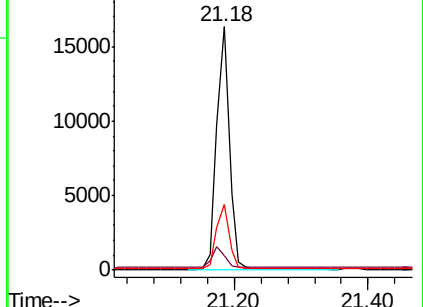
236 27.0 21.8 32.6

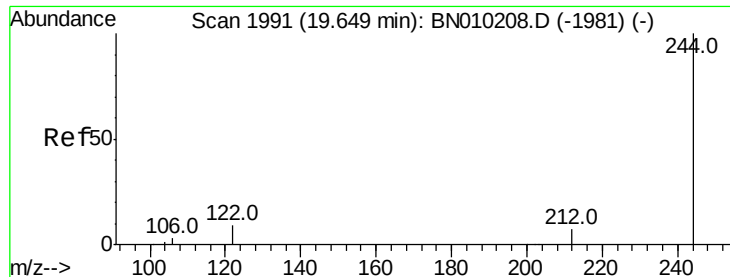


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.584 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010275.D

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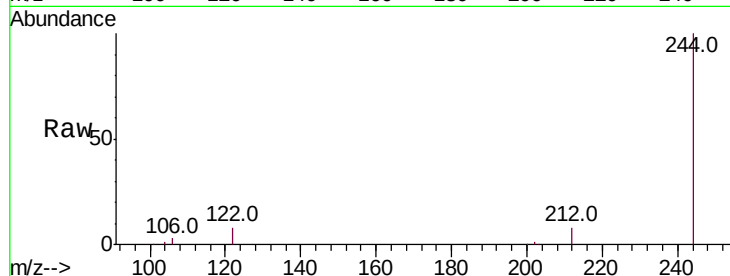
Tot Ion:244 Resp: 27978

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

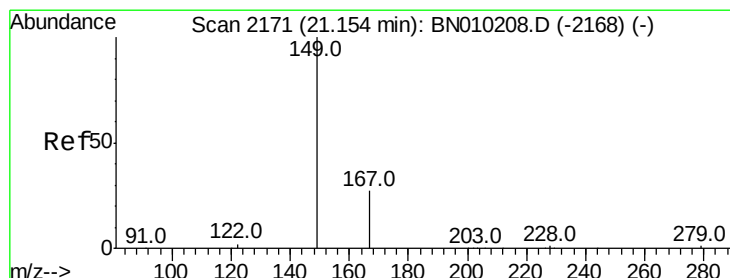
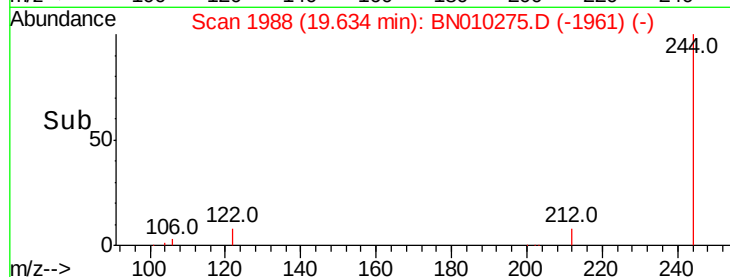
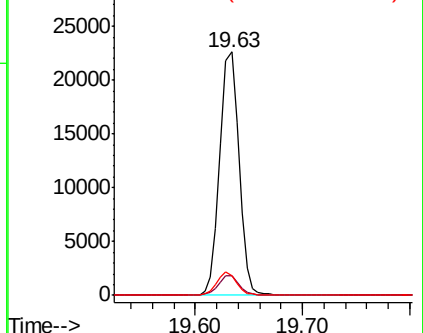
122 8.2 8.1 12.1



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: 0.053 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

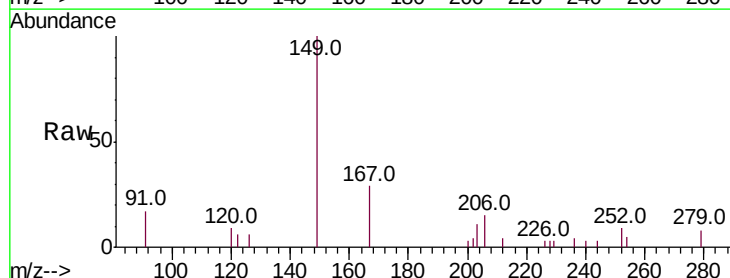
Tgt Ion:149 Resp: 1608

Ion Ratio Lower Upper

149 100

167 29.8 21.0 31.4

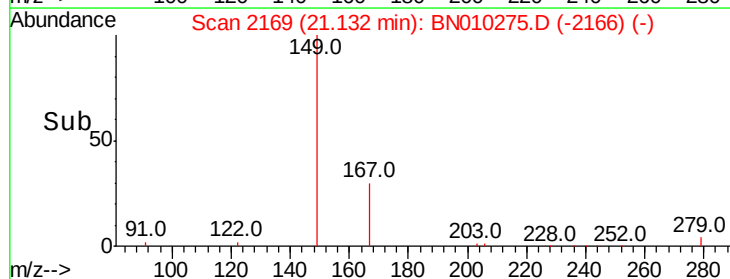
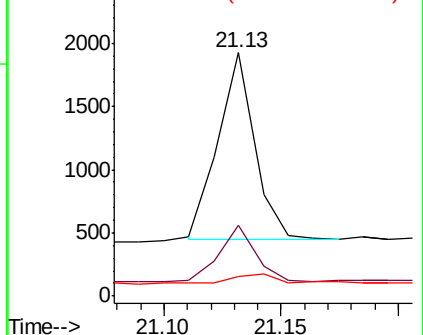
279 5.3 3.1 4.7#

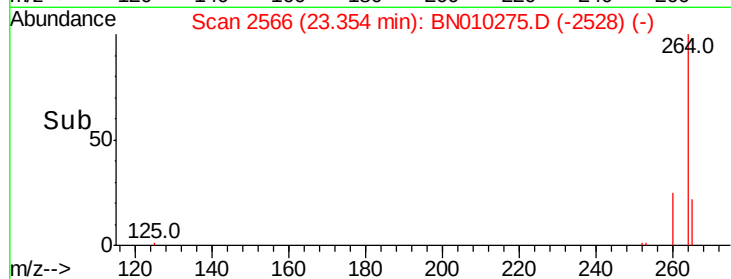
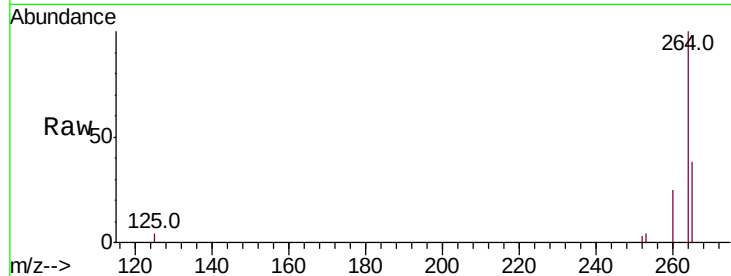
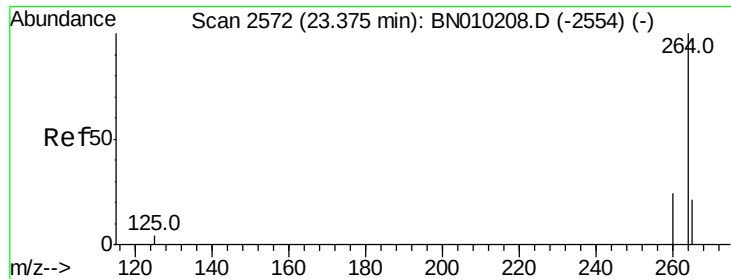


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.35 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

RE104D3-20200312

Tot Ion:264 Resp: 23619

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 38.3 25.8 38.6

