

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 :

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

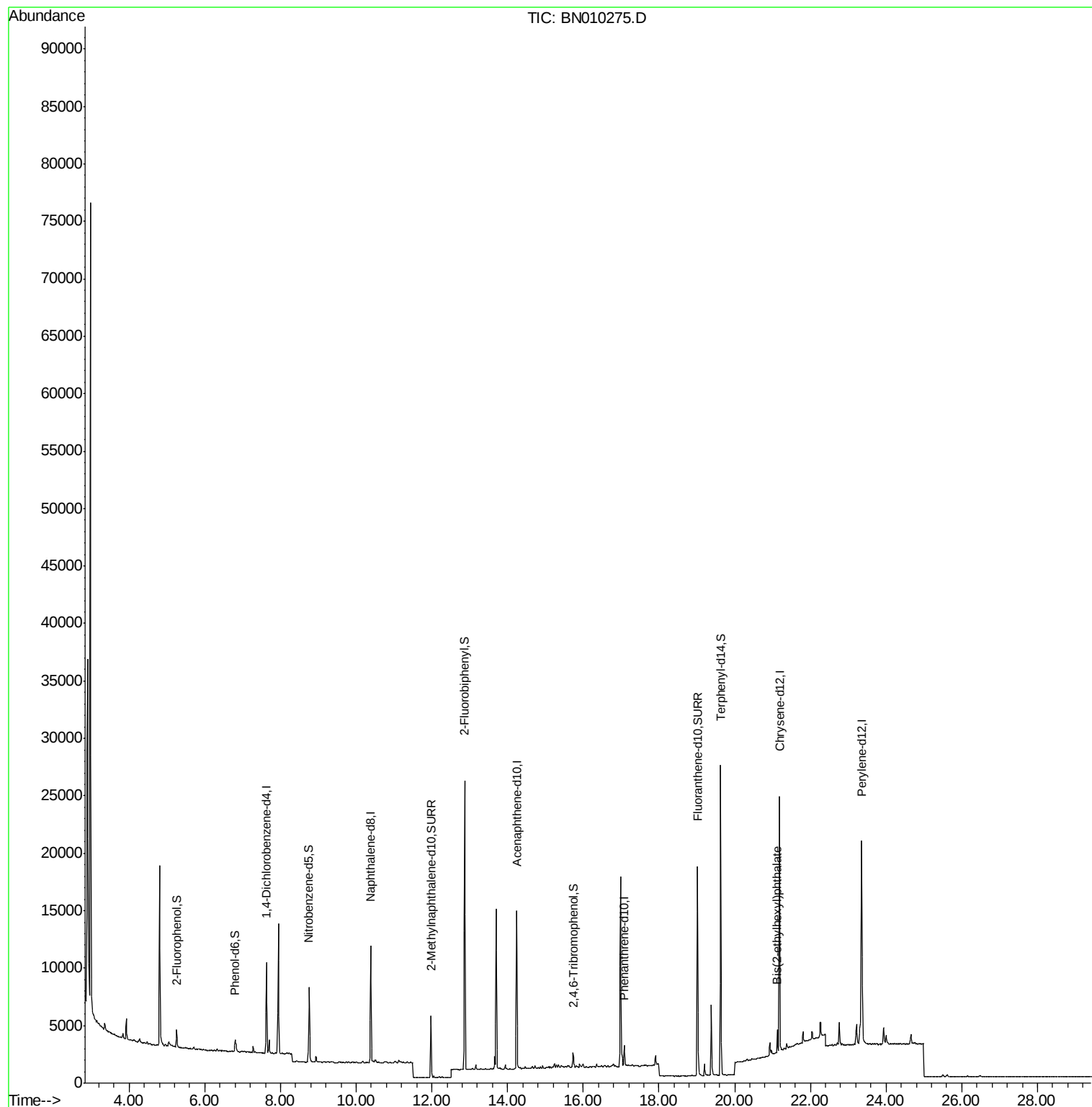
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3919	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13420	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8278	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	2573	0.40	ng	0.08
27) Chrysene-d12	21.18	240	21022	0.40	ng	-0.01
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

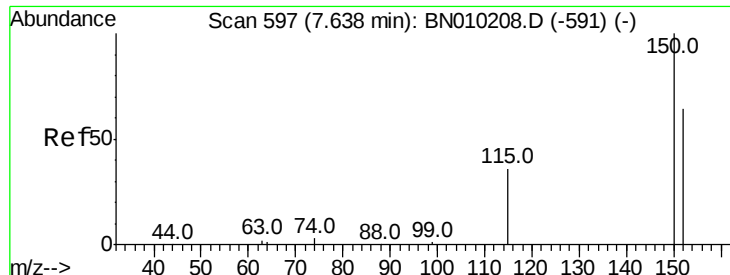
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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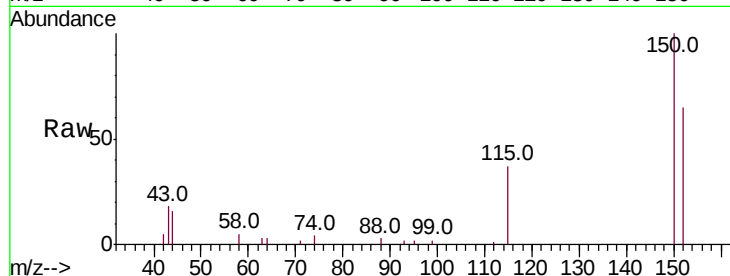


#1

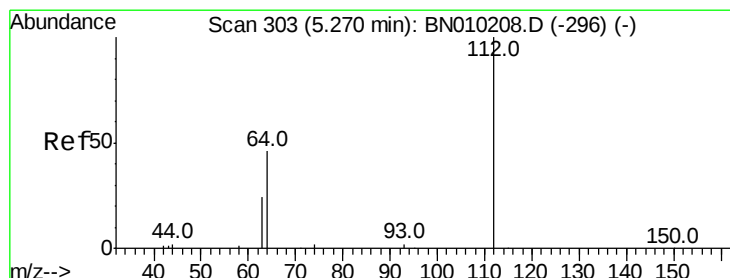
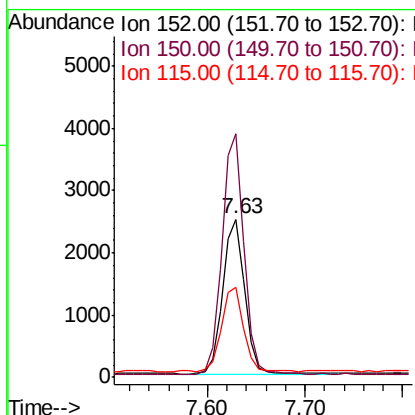
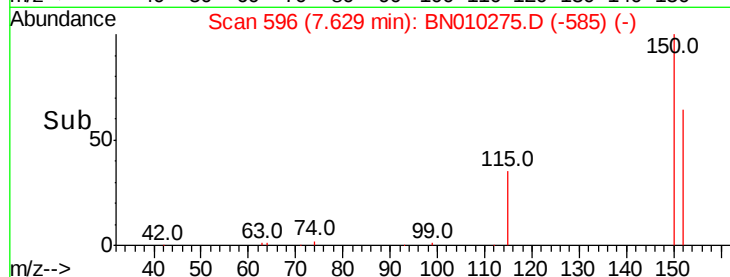
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010275.D
Acq: 18 Mar 2020 22:08

Instrument :
BNA_N
ClientSampleId :

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



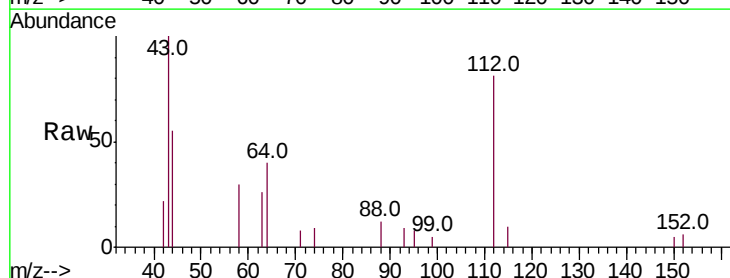
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



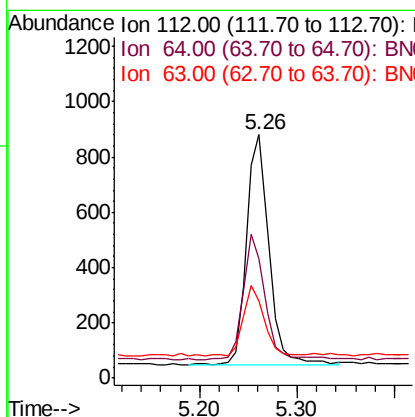
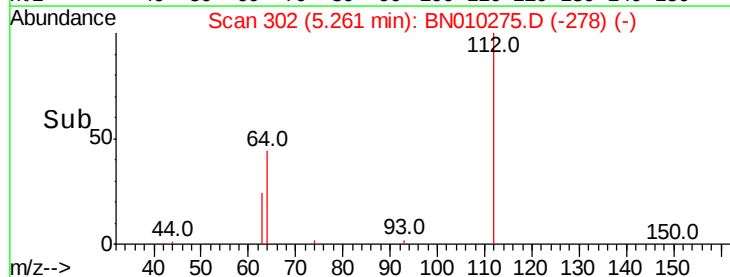
#4

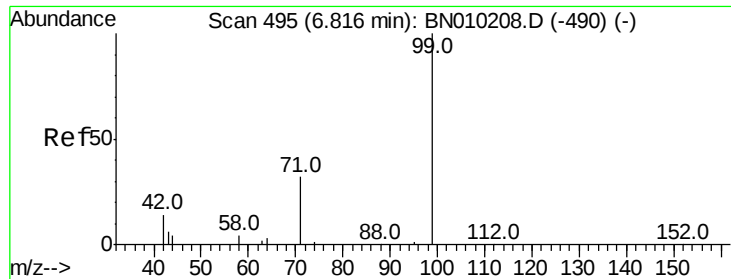
2-Fluorophenol
Concen: 0.140 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010275.D
Acq: 18 Mar 2020 22:08

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

ClientSampled :

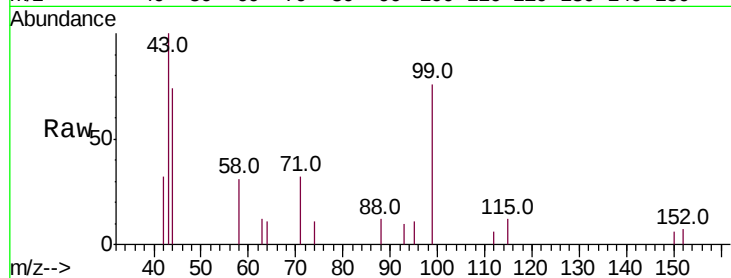
Tot Ion: 99 Resp: 1020

Ion Ratio Lower Upper

99 100

42 20.9 12.0 18.0#

71 38.2 22.6 33.8#



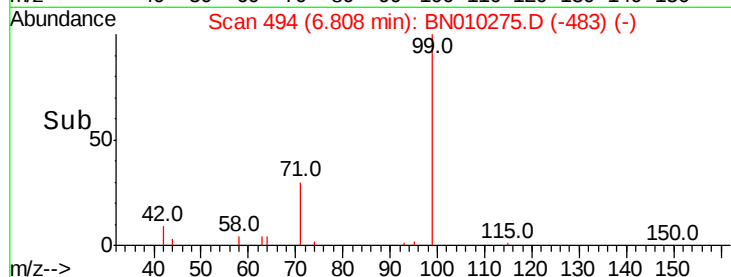
Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

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

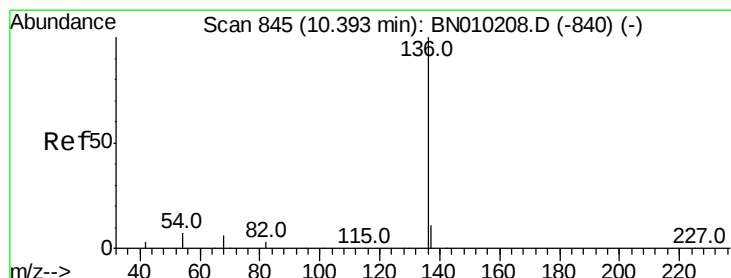
Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)

6.81

Time-->



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

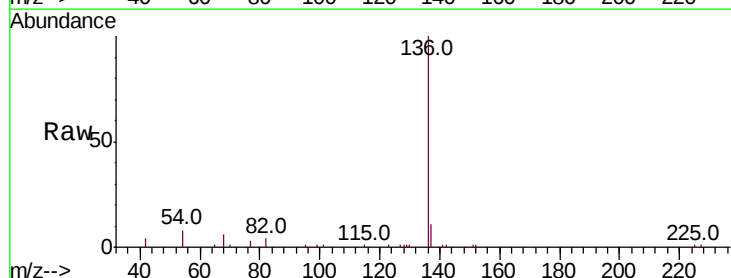
Ion Ratio Lower Upper

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) (-)

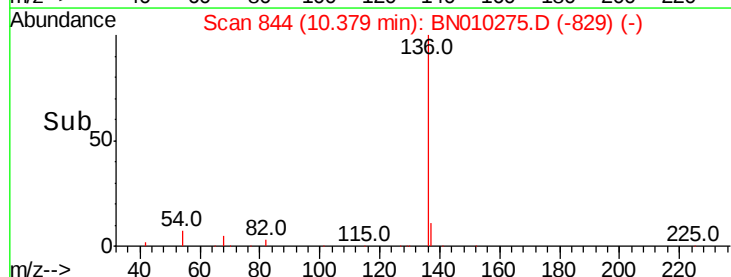
Ion 137.00 (136.70 to 137.70): BN010208.D (-840) (-)

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

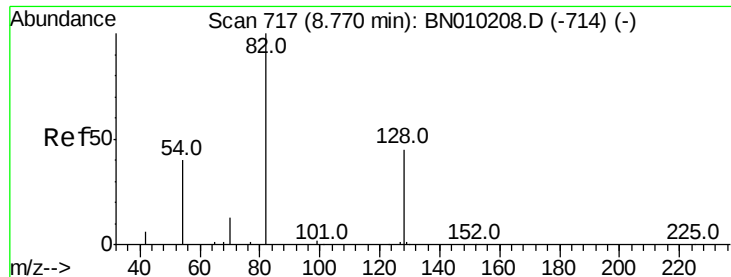
Ion 68.00 (67.70 to 68.70): BN010208.D (-840) (-)

10.38

Time-->



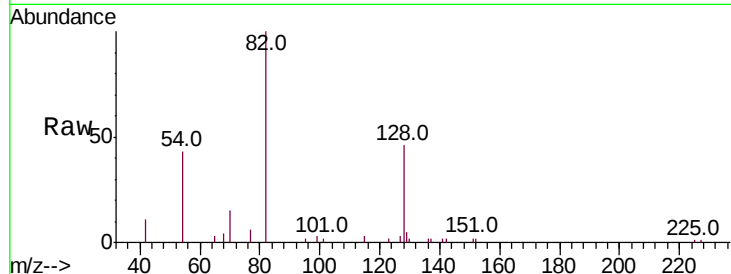
Time-->



#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 :

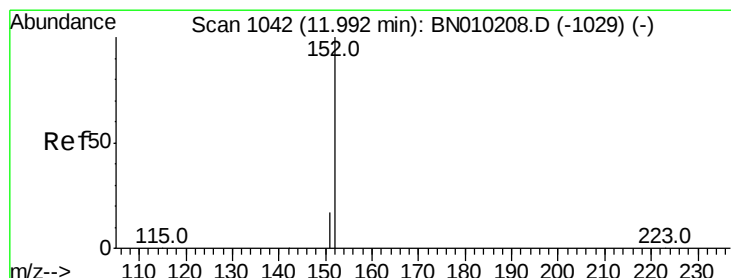
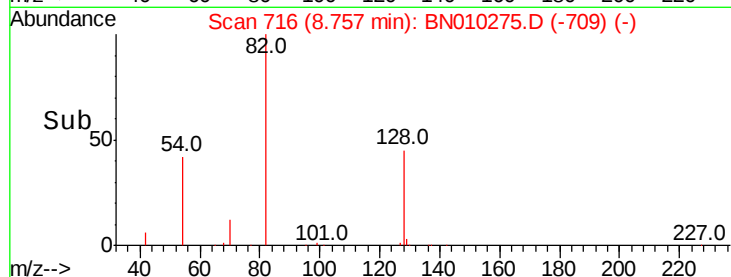
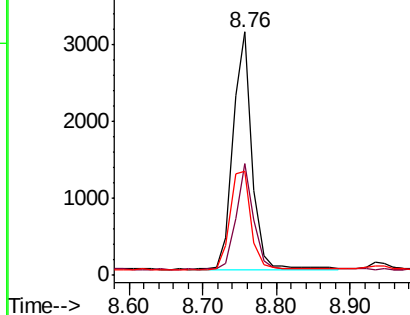
Tot Ion	82	Resp	5450
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.6
54	43.0	37.0	55.4



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

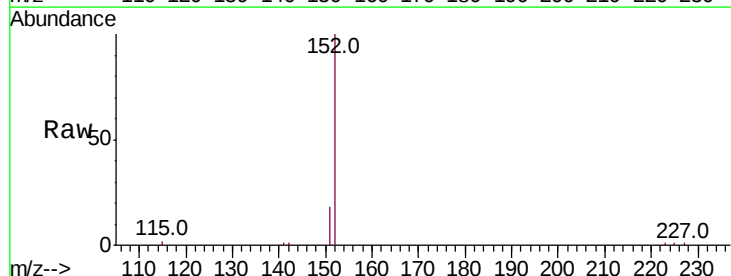
Ion 128.00 (127.70 to 128.70): BN010208.D (-714) (-)

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



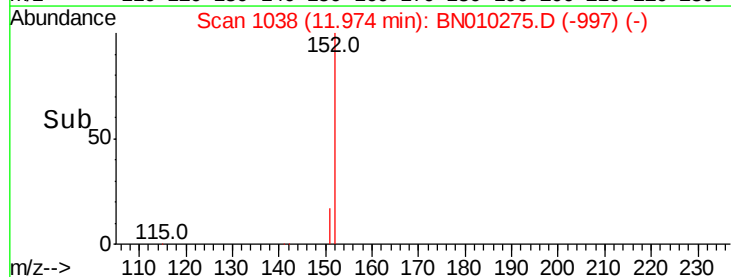
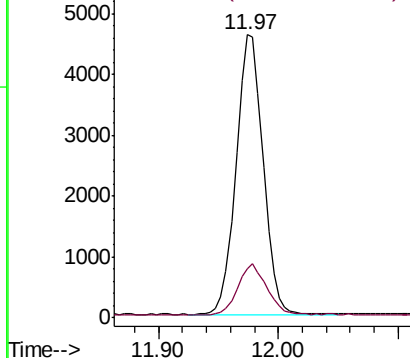
#11
 2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010275.D
 Acq: 18 Mar 2020 22:08

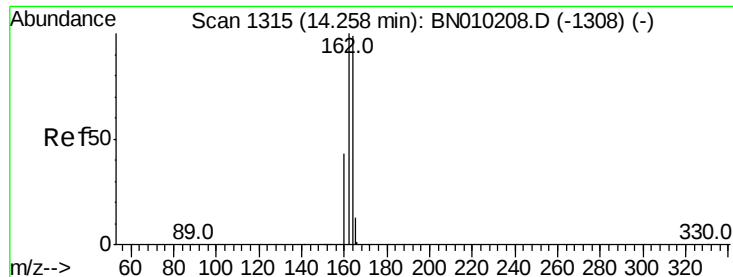
Tgt Ion	152	Resp	7224
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6



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 :

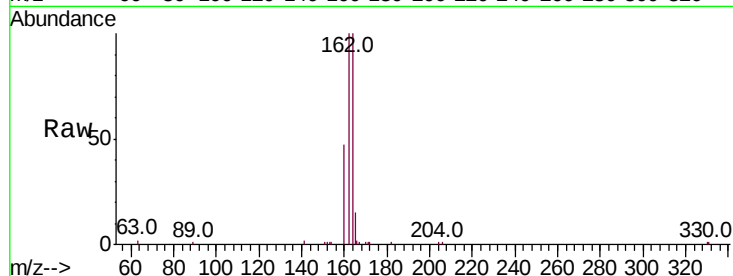
Tot Ion:164 Resp: 8278

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

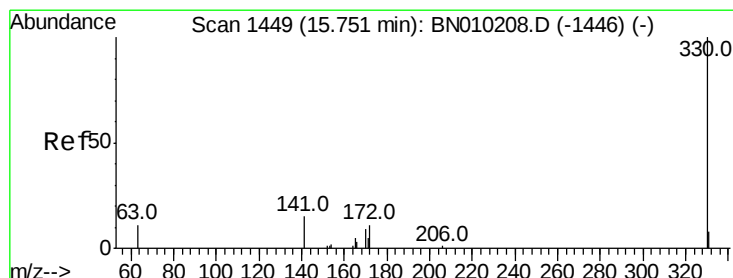
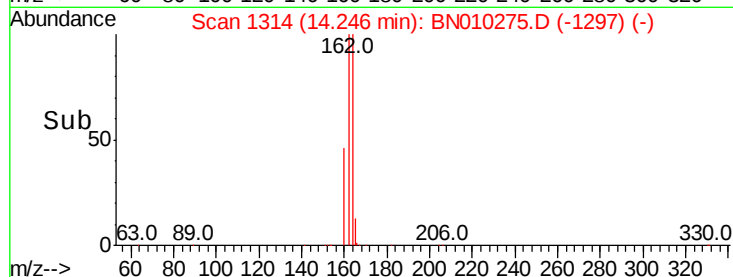
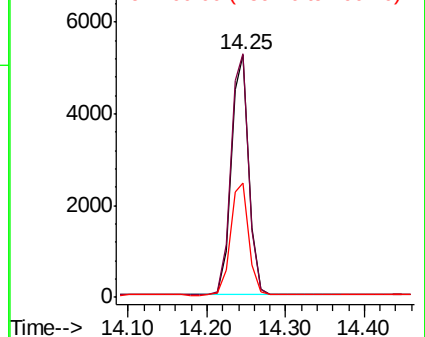
160 46.9 35.6 53.4



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

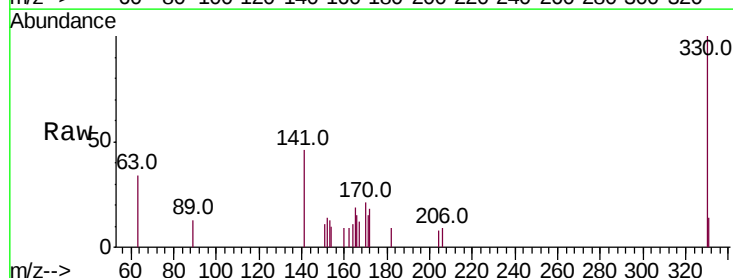
Tgt Ion:330 Resp: 1031

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

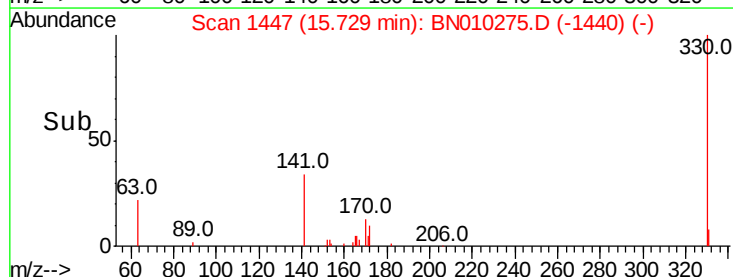
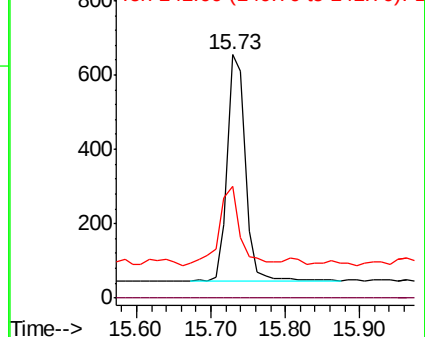
141 40.0 25.1 37.7#

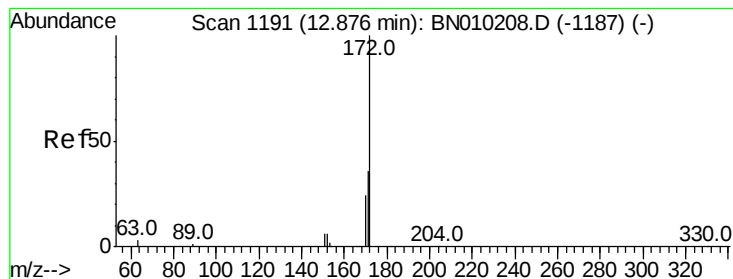


Abundance Ion 330.00 (329.70 to 330.70): E

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

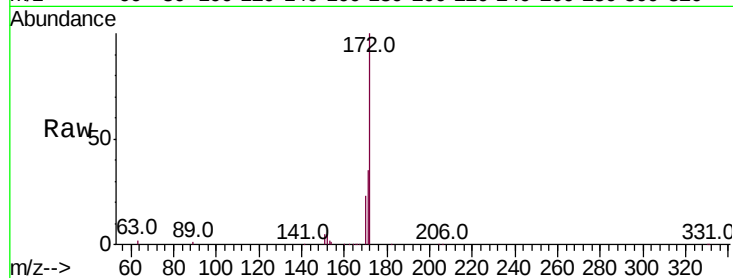
Instrument :

BNA_N

ClientSampleId :

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

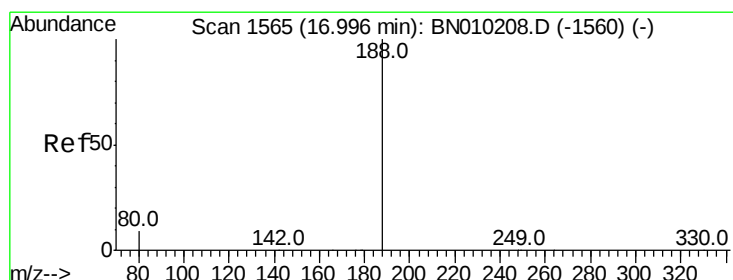
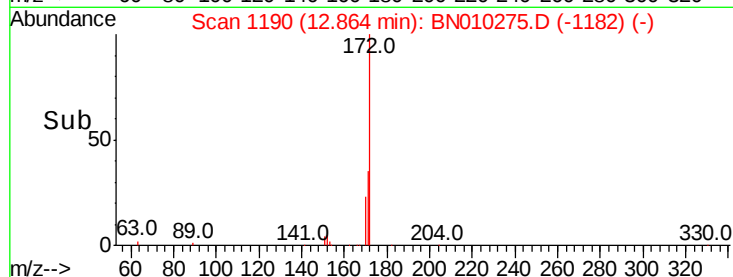
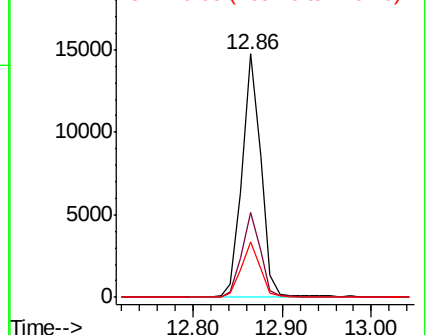


Abundance

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: 17.08 min Scan# 1573

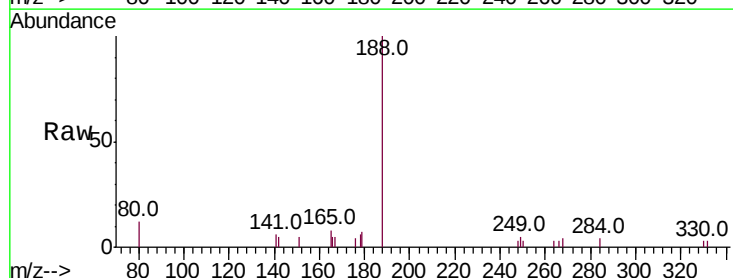
Delta R.T. 0.08 min

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

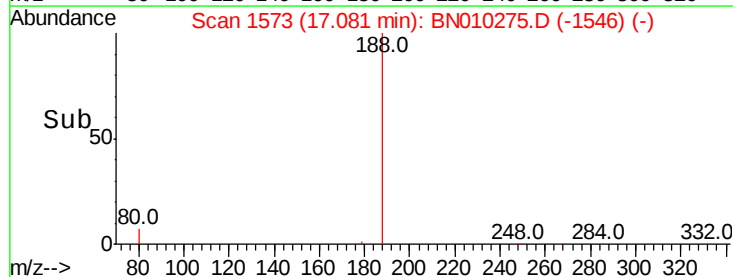
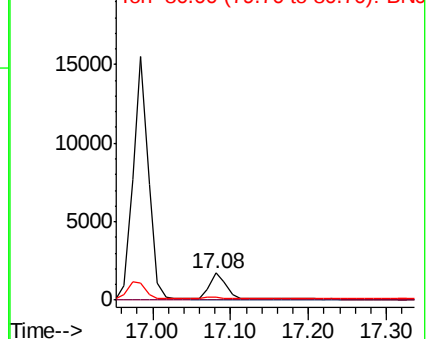


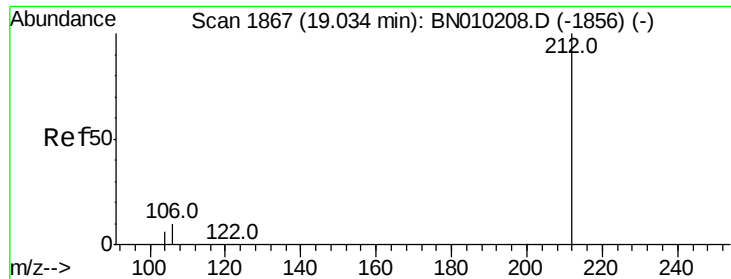
Abundance

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: 2.662 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010275.D

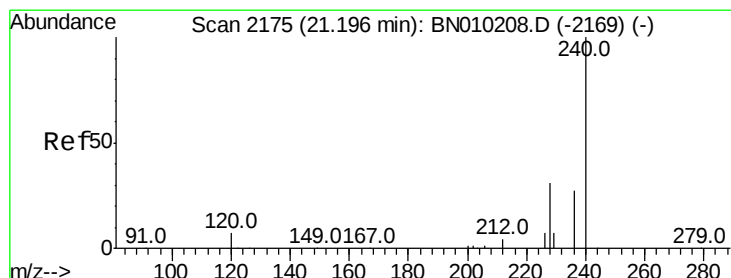
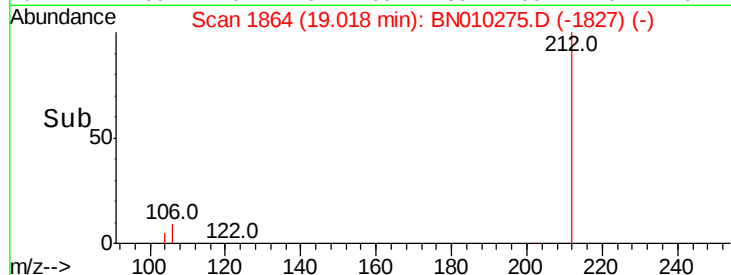
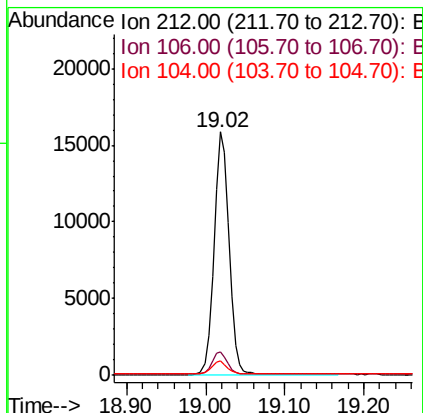
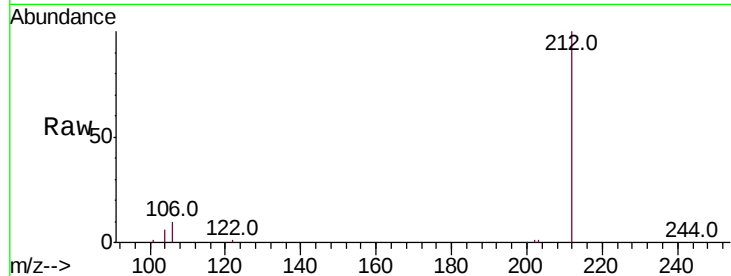
Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

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



#27

Chrysene-d12

Concen: 0.400 ng

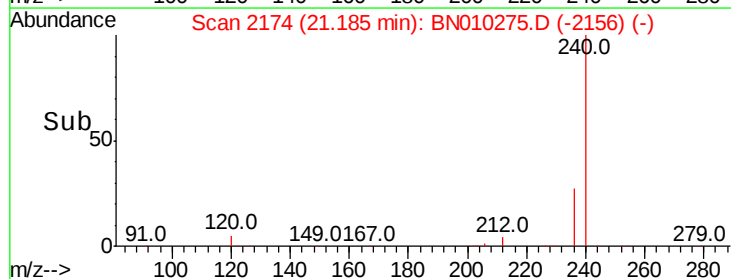
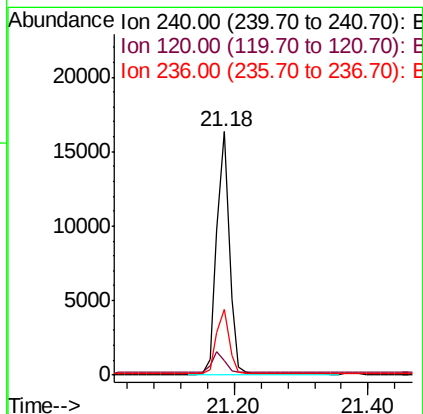
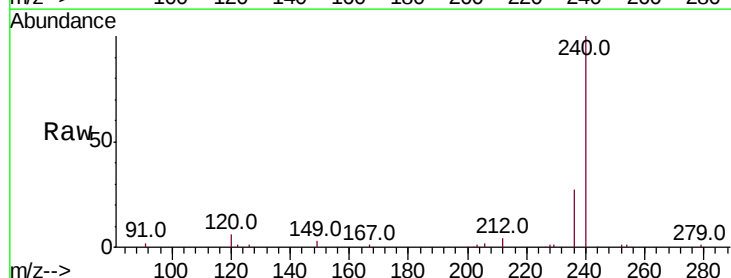
RT: 21.18 min Scan# 2174

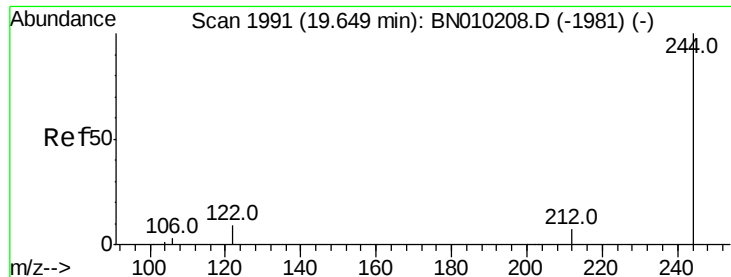
Delta R.T. -0.01 min

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





#29

Terphenyl-d14

Concen: 0.584 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BN010275.D

Acq: 18 Mar 2020 22:08

Instrument :

BNA_N

ClientSampleId :

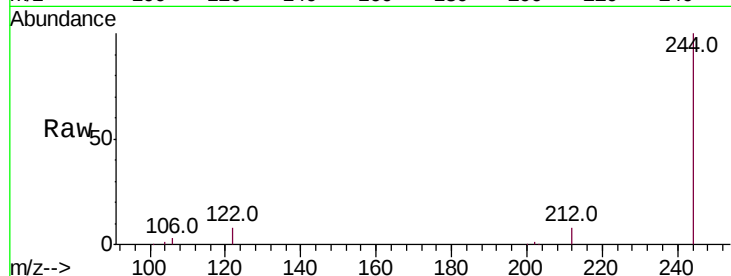
Tot Ion:244 Resp: 27978

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

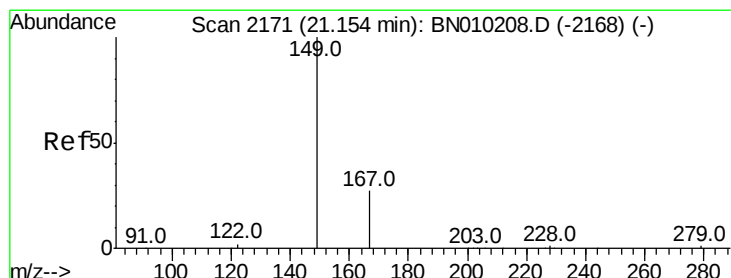
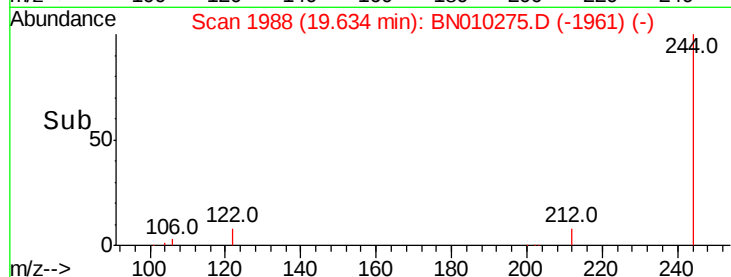
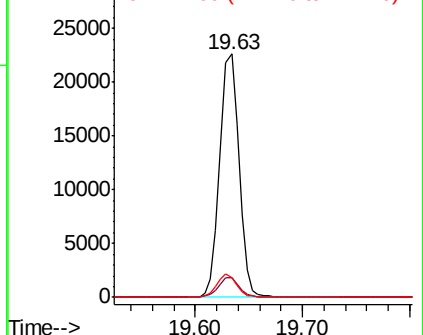
122 8.2 8.1 12.1



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

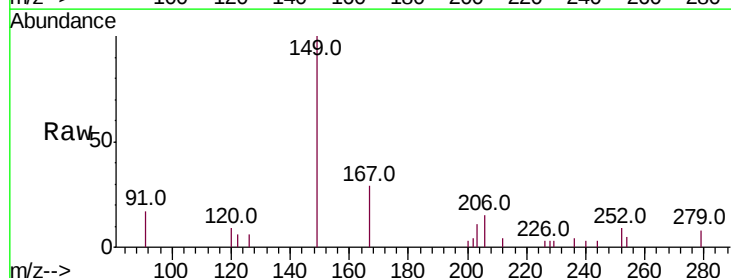
Tgt Ion:149 Resp: 1608

Ion Ratio Lower Upper

149 100

167 29.8 21.0 31.4

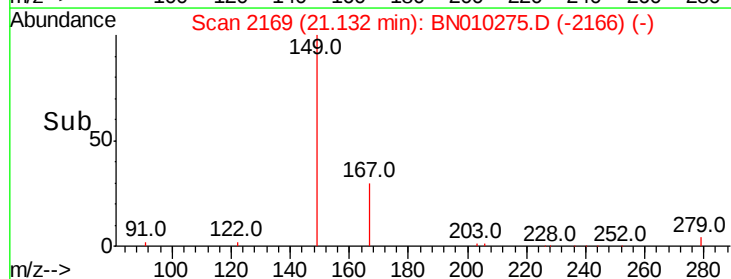
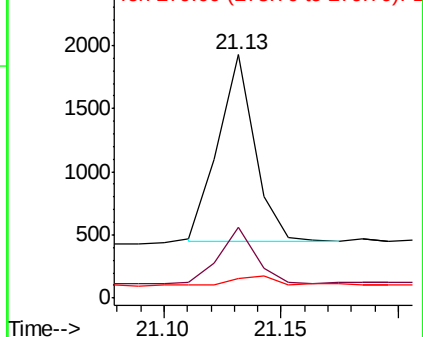
279 5.3 3.1 4.7#

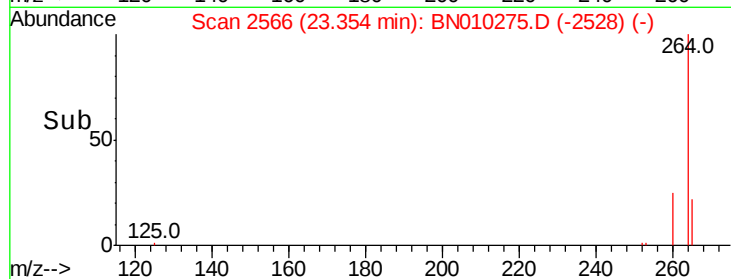
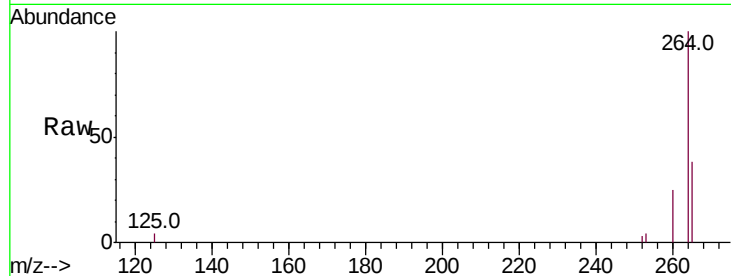
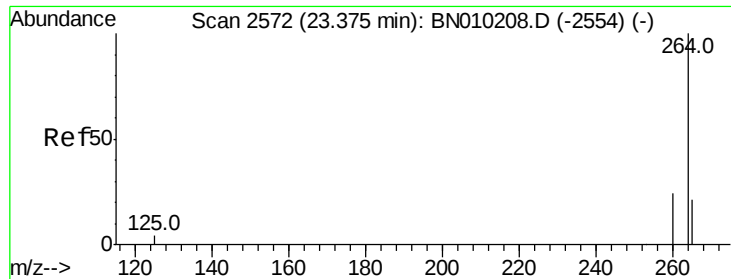


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

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

