

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
 Data File : BN010669.D
 Acq On : 30 Apr 2020 12:01
 Operator : CG/JU
 Sample : PB128567BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128567BL

Quant Time: Apr 30 12:31:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

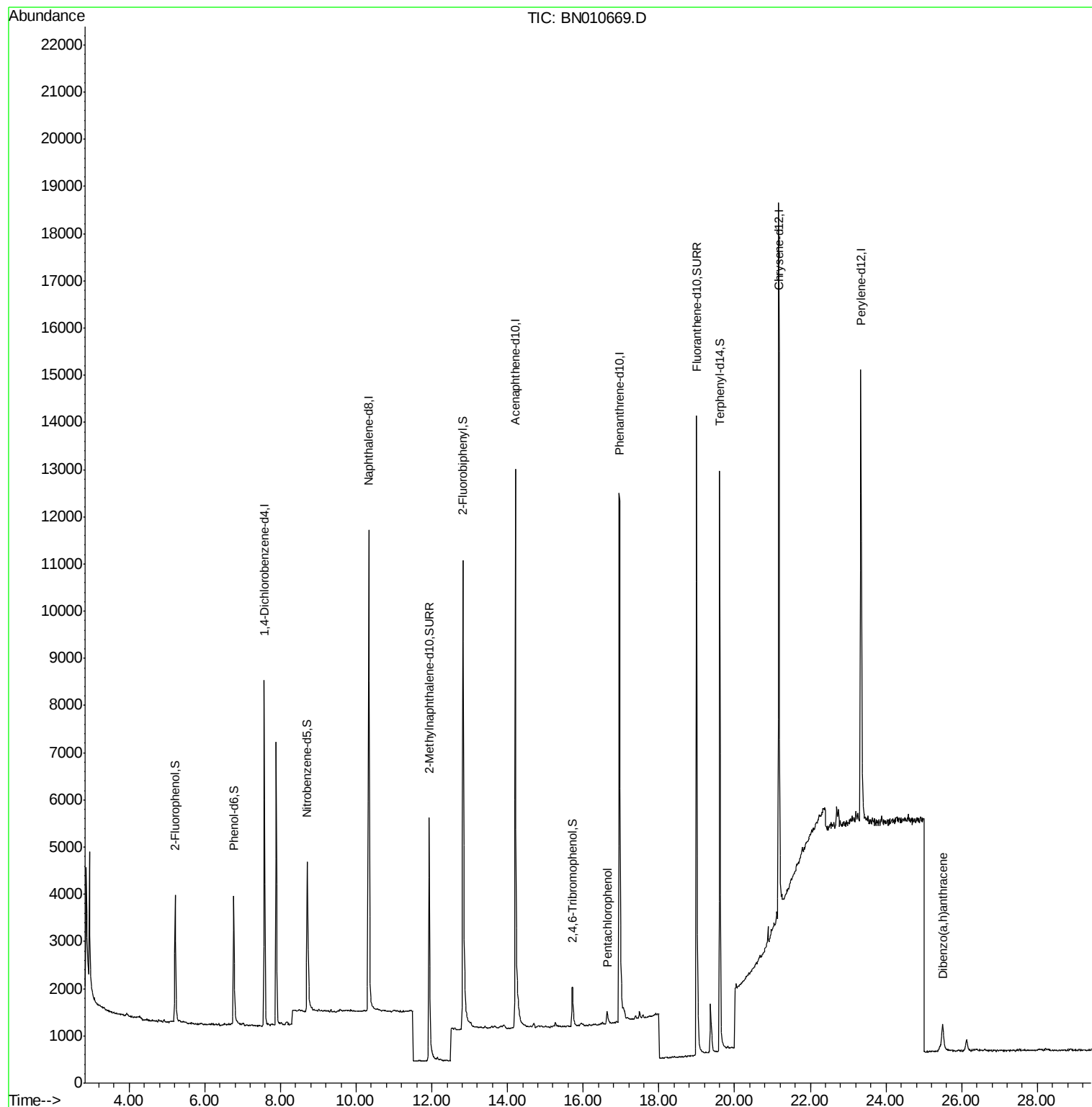
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3746	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	15543	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	9696	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	22129	0.40	ng	0.01
27) Chrysene-d12	21.16	240	17014	0.40	ng	0.00
34) Perylene-d12	23.34	264	14839	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3041	0.37	ng	0.00
5) Phenol-d6	6.77	99	3620	0.34	ng	0.00
8) Nitrobenzene-d5	8.71	82	3881	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.93	152	9057	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1064	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.82	172	12520	0.35	ng	0.00
25) Fluoranthene-d10	19.00	212	19576	0.29	ng	0.00
29) Terphenyl-d14	19.61	244	15000	0.39	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.63	266	248	0.045	ng	# 89
38) Dibenzo(a,h)anthracene	25.50	278	794	0.020	ng	# 1

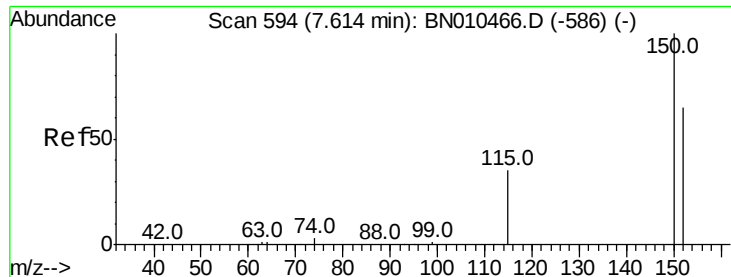
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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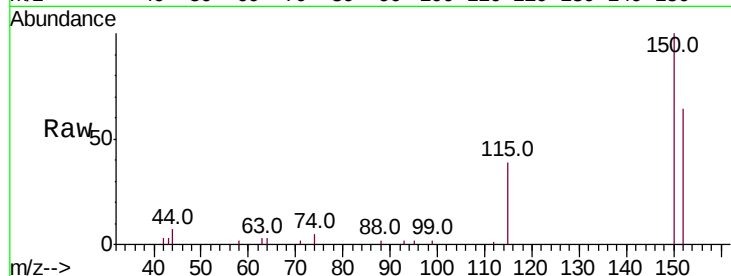


#1

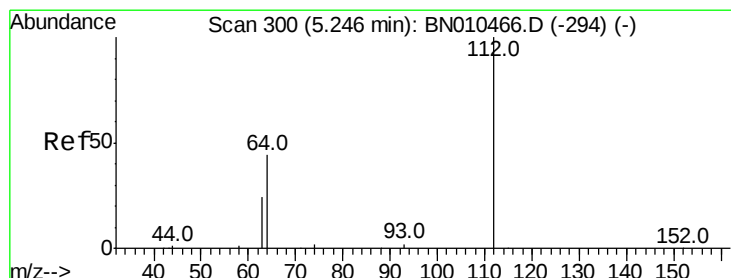
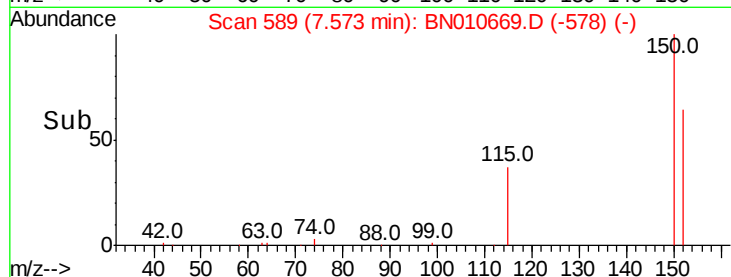
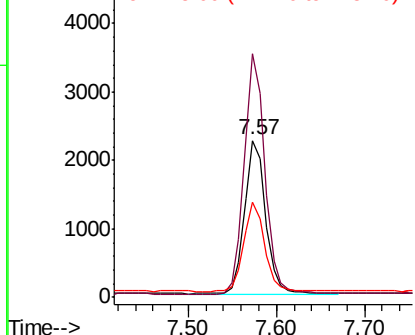
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.01 min
Lab File: BN010669.D
Acq: 30 Apr 2020 12:01

Instrument :
BNA_N
ClientSampleId :
PB128567BL

Tot Ion:152 Resp: 3746
Ion Ratio Lower Upper
152 100
150 155.3 121.8 182.6
115 60.5 45.5 68.3



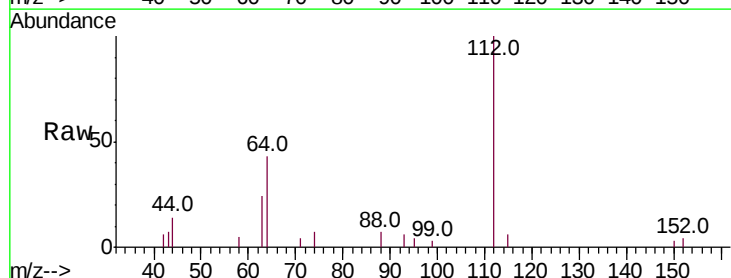
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



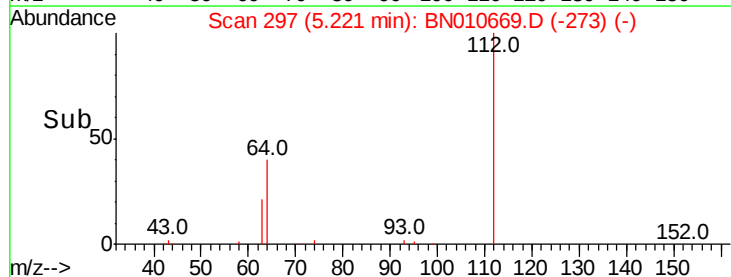
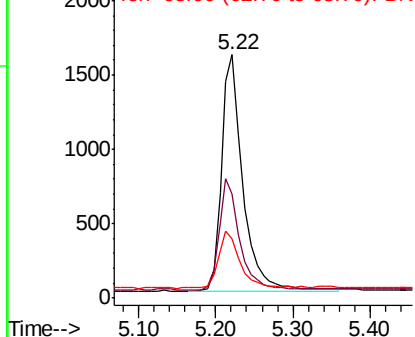
#4

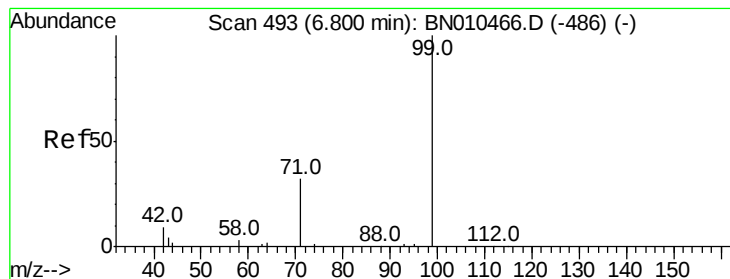
2-Fluorophenol
Concen: 0.371 ng
RT: 5.22 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN010669.D
Acq: 30 Apr 2020 12:01

Tgt Ion:112 Resp: 3041
Ion Ratio Lower Upper
112 100
64 45.6 35.8 53.8
63 24.6 19.9 29.9



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: 0.338 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Instrument :

BNA_N

ClientSampleId :

PB128567BL

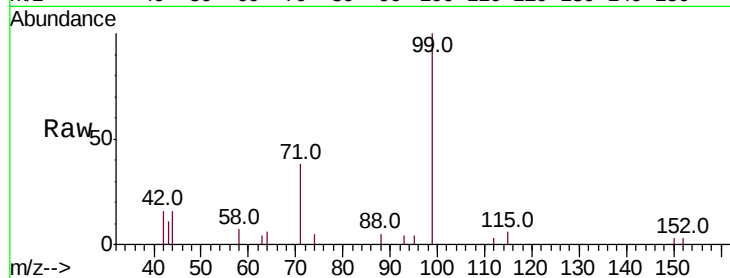
Tot Ion: 99 Resp: 3620

Ion Ratio Lower Upper

99 100

42 11.9 9.8 14.6

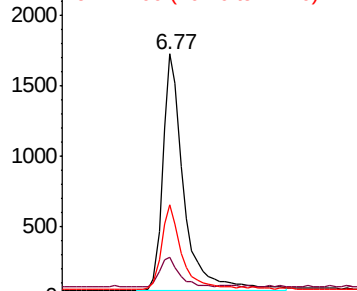
71 34.5 27.8 41.8



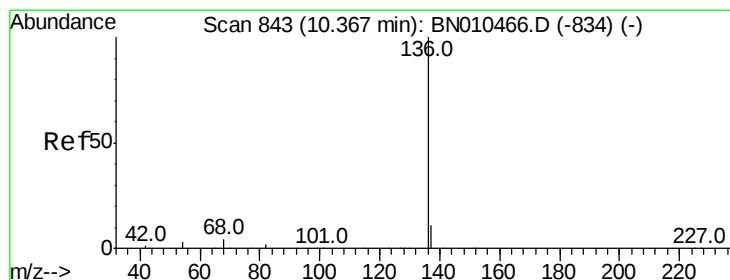
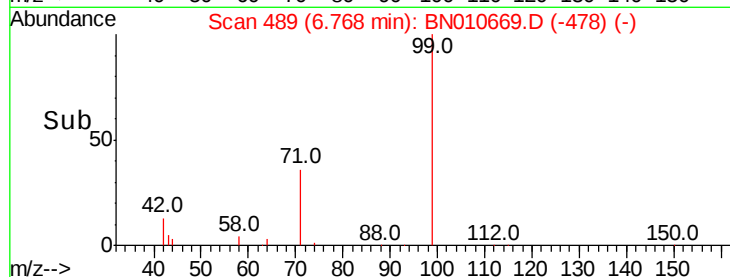
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Tgt Ion: 136 Resp: 15543

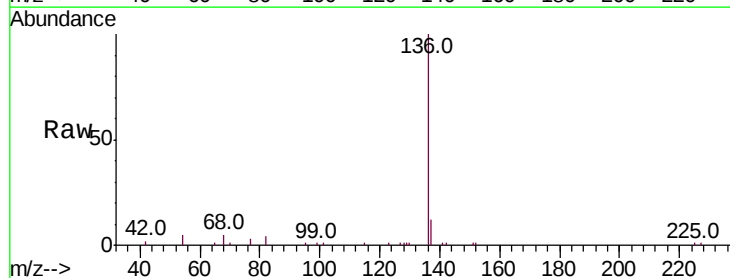
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 4.5 2.6 4.0#

68 5.2 3.4 5.2#

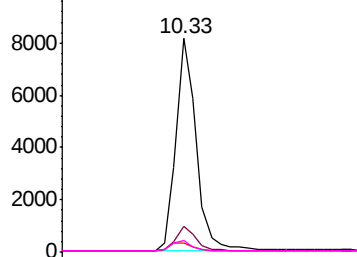


Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

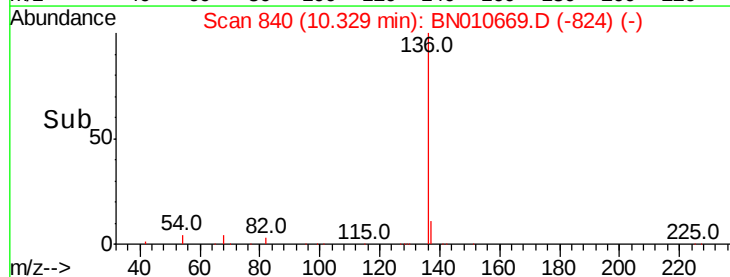
Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.01 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Instrument :

BNA_N

ClientSampleId :

PB128567BL

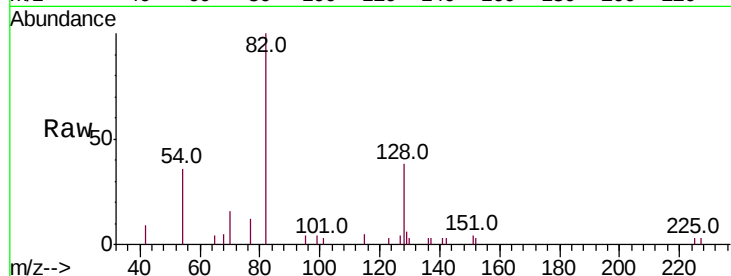
Tot Ion: 82 Resp: 3881

Ion Ratio Lower Upper

82 100

128 38.2 41.3 61.9#

54 36.0 23.4 35.0#



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)

8.71

1500

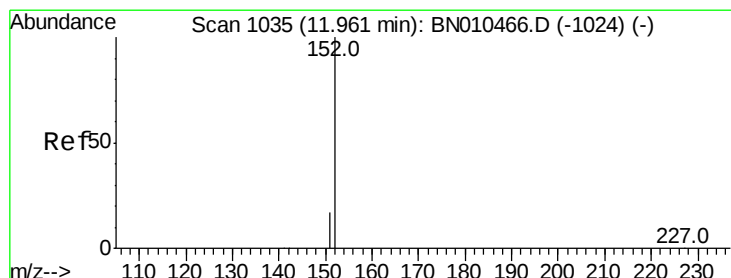
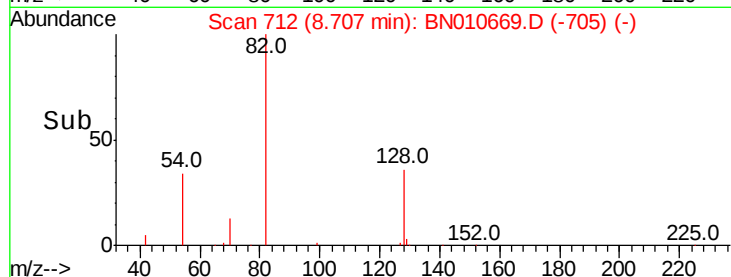
1000

500

0

8.60 8.70 8.80 8.90

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BN010669.D

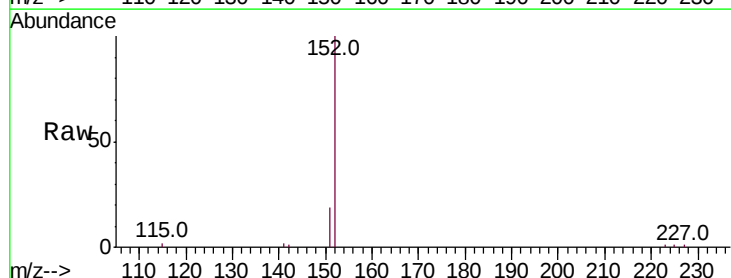
Acq: 30 Apr 2020 12:01

Tgt Ion: 152 Resp: 9057

Ion Ratio Lower Upper

152 100

151 18.3 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)

11.93

5000

4000

3000

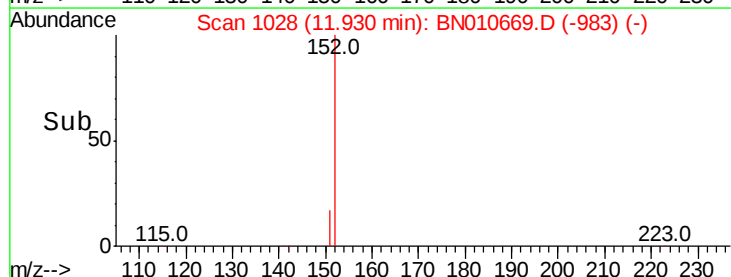
2000

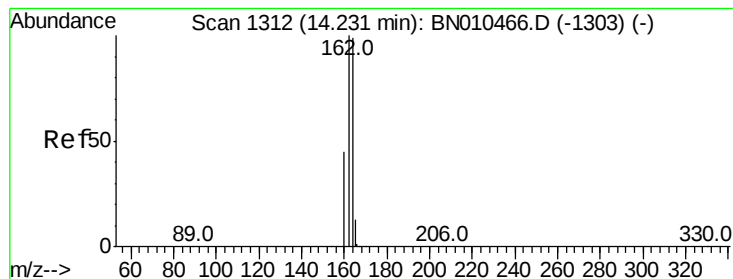
1000

0

11.80 12.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Instrument :

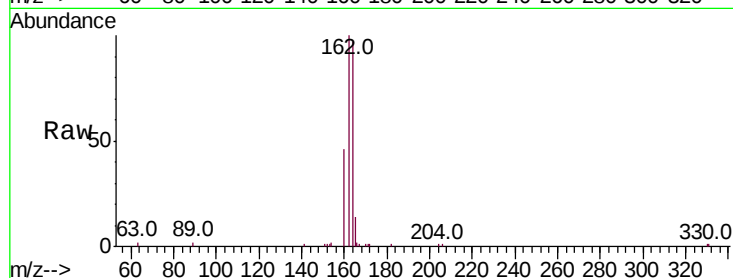
BNA_N

ClientSampleId :

PB128567BL

Tot Ion:164 Resp: 9696

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	47.8	36.5	54.7

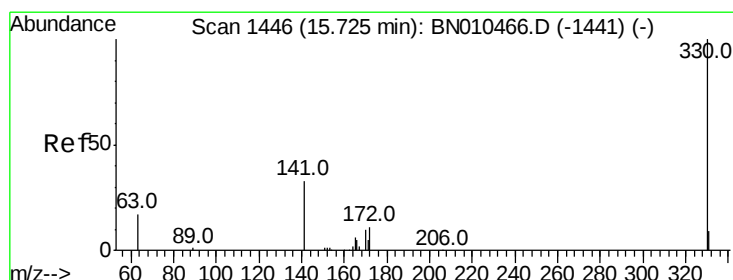
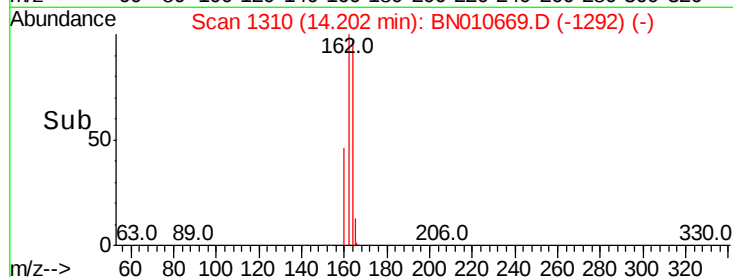
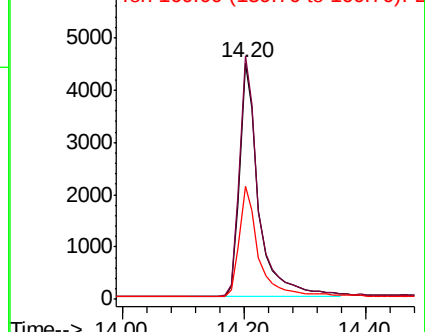


Abundance

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: 0.233 ng

RT: 15.72 min Scan# 1446

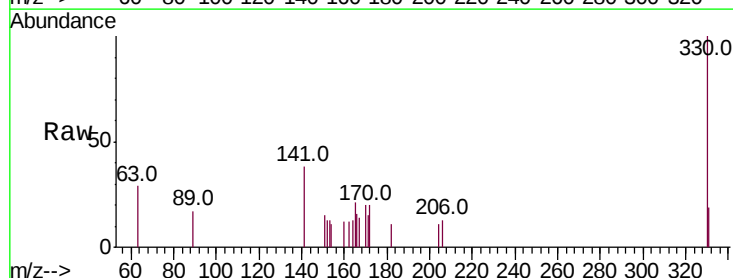
Delta R.T. 0.01 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Tgt Ion:330 Resp: 1064

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.1	28.1	42.1

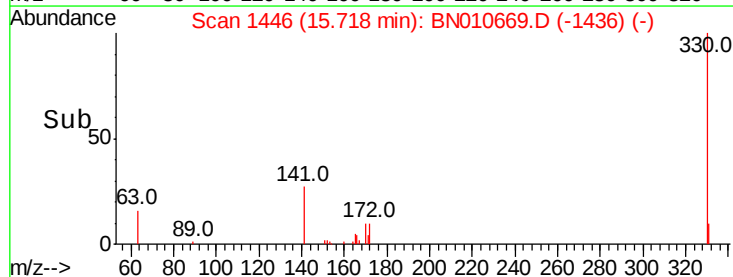
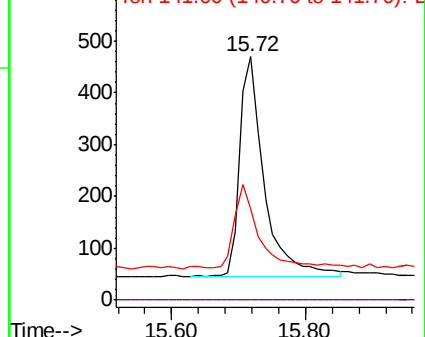


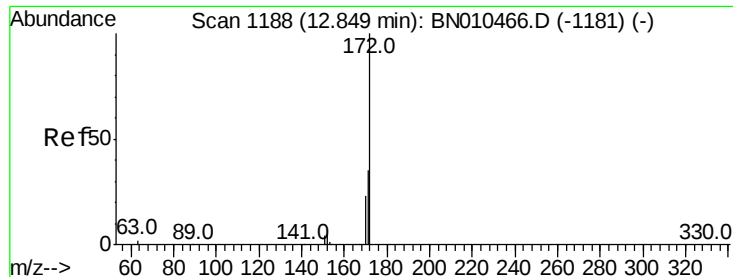
Abundance

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

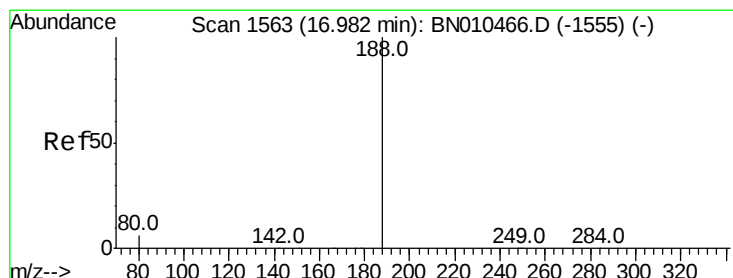
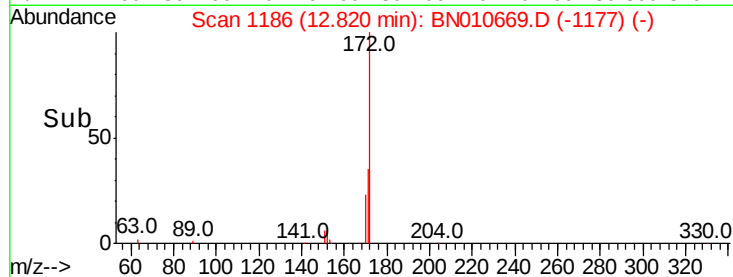
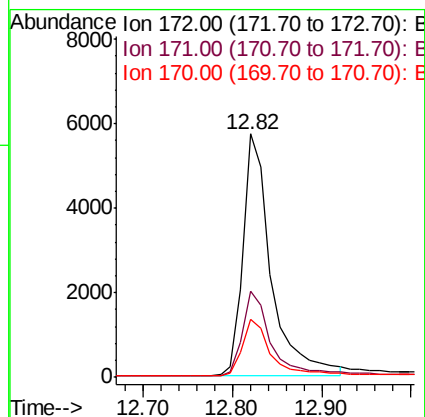
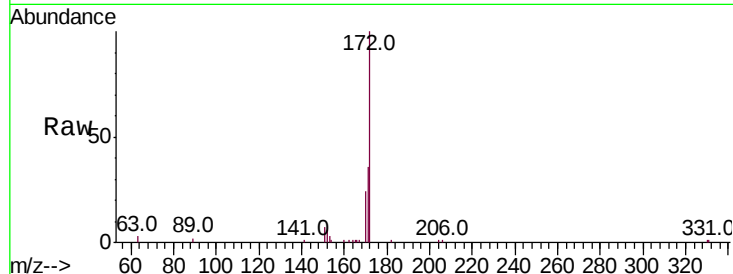




#15
 2-Fluorobiphenyl
 Concen: 0.355 ng
 RT: 12.82 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

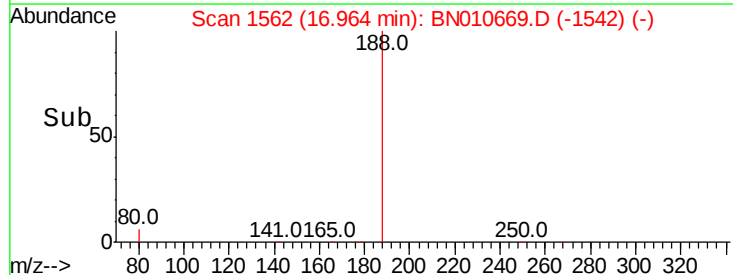
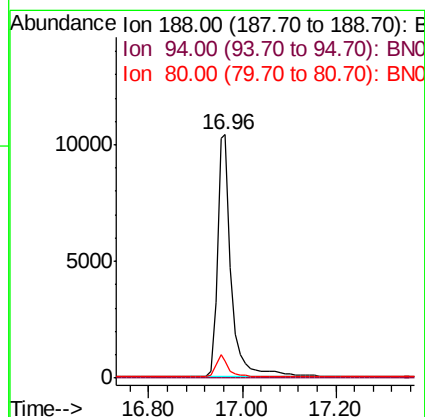
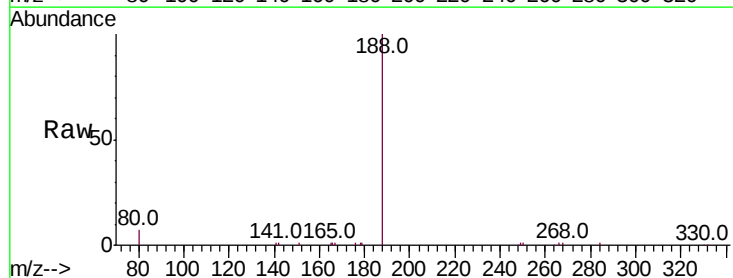
Instrument :
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 PB128567BL

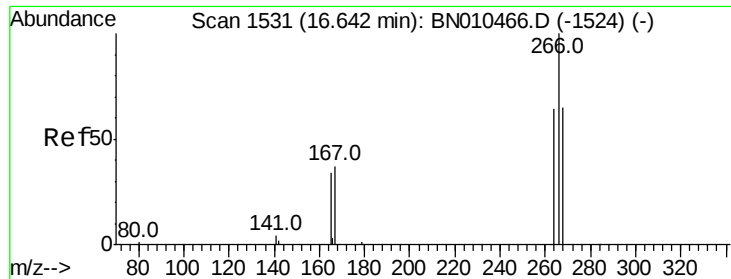
Tot Ion:172	Resp:	12520
Ion	Ratio	Lower Upper
172	100	
171	35.6	28.2 42.2
170	23.9	18.4 27.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.96 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

Tgt Ion:188	Resp:	22129
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	6.8	5.0 7.6

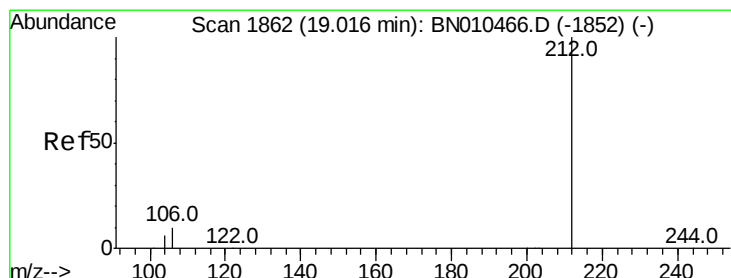
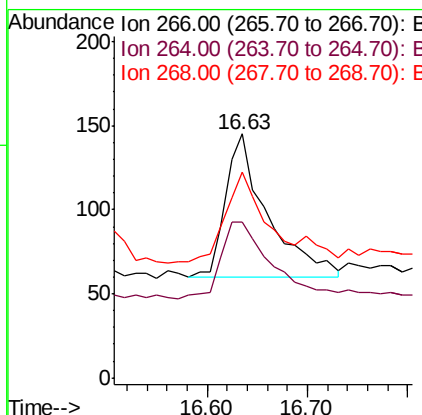
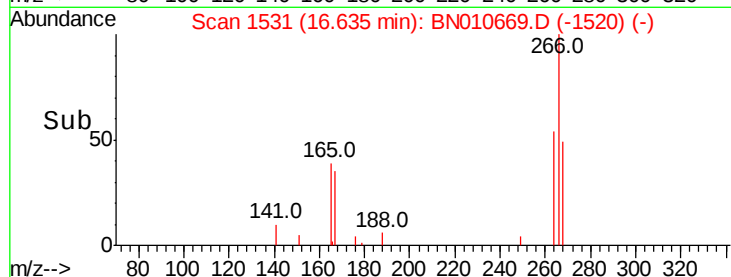
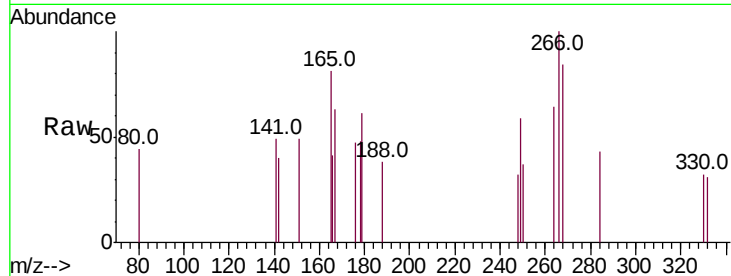




#22
 Pentachlorophenol
 Concen: 0.045 ng
 RT: 16.63 min Scan# 1531
 Delta R.T. 0.02 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

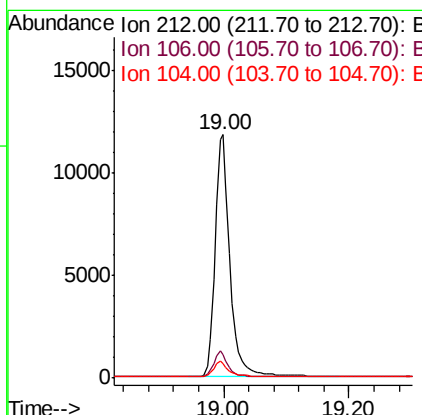
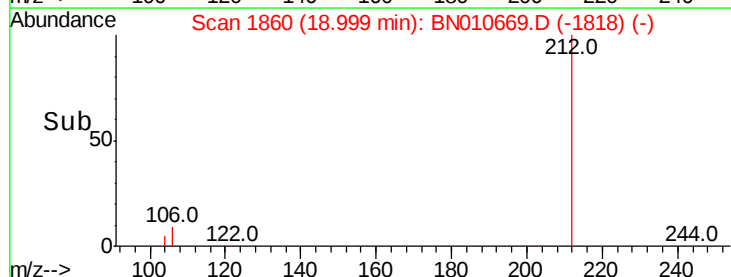
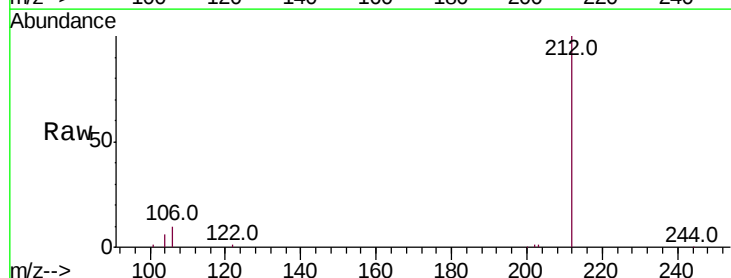
Instrument :
 BNA_N
 ClientSampleId :
 PB128567BL

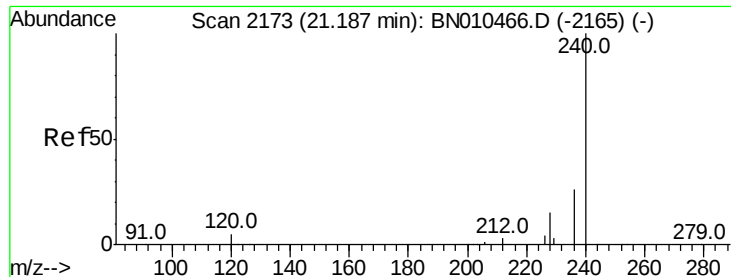
Tot Ion:266 Resp: 248
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.8 77.6
 268 84.1 53.7 80.5#



#25
 Fluoranthene-d10
 Concen: 0.292 ng
 RT: 19.00 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

Tgt Ion:212 Resp: 19576
 Ion Ratio Lower Upper
 212 100
 106 10.1 7.8 11.6
 104 5.9 4.5 6.7





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

Instrument :

BNA_N

ClientSampleId :

PB128567BL

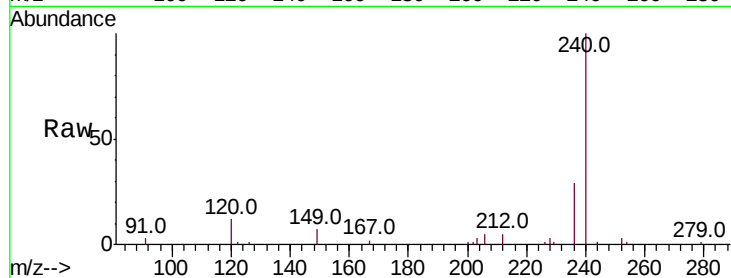
Tot Ion:240 Resp: 17014

Ion Ratio Lower Upper

240 100

120 11.6 4.8 7.2#

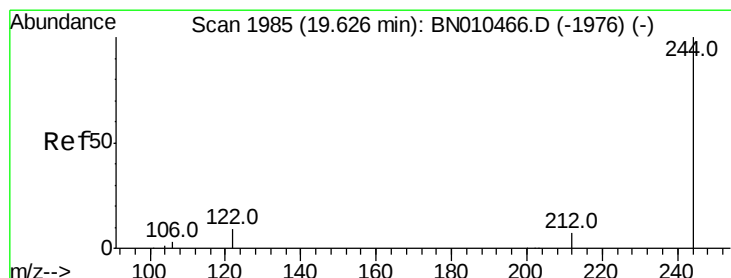
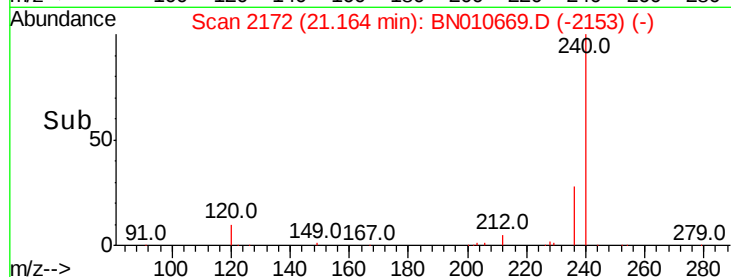
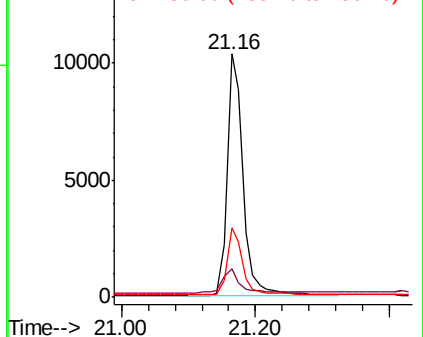
236 28.6 21.4 32.0



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: 0.385 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010669.D

Acq: 30 Apr 2020 12:01

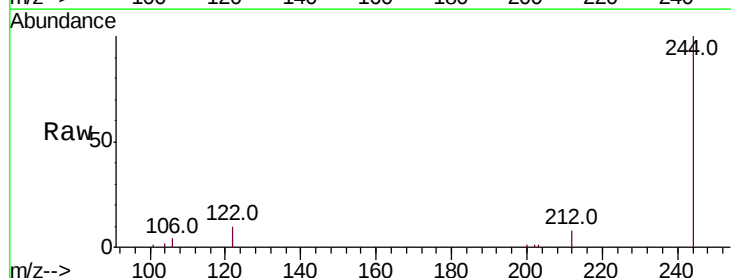
Tgt Ion:244 Resp: 15000

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

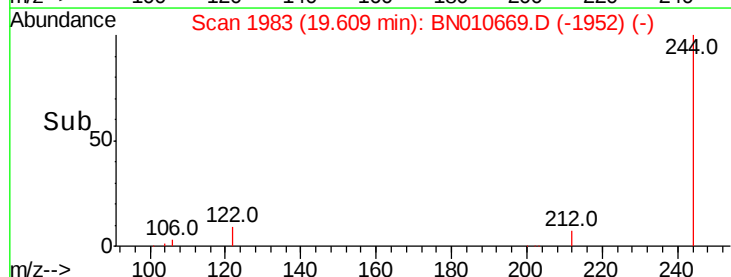
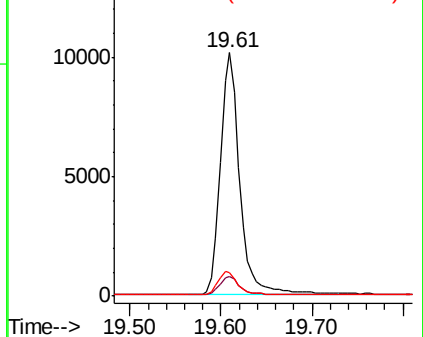
122 9.9 7.8 11.8

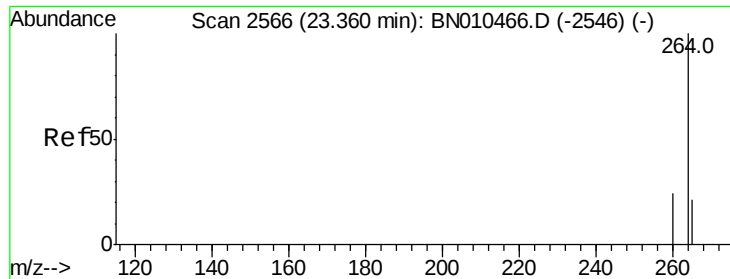


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

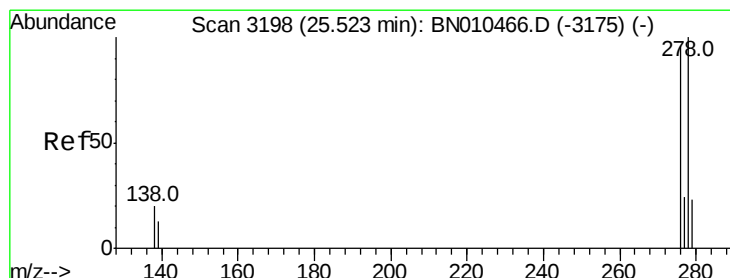
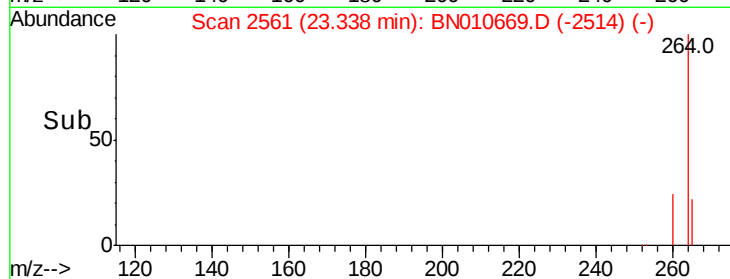
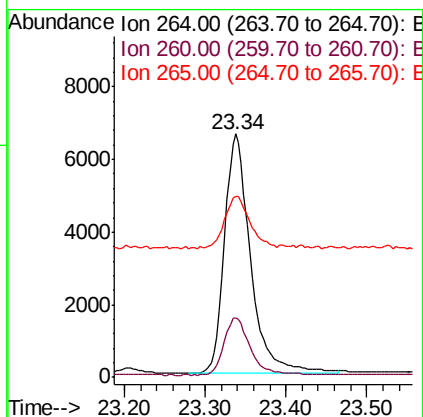
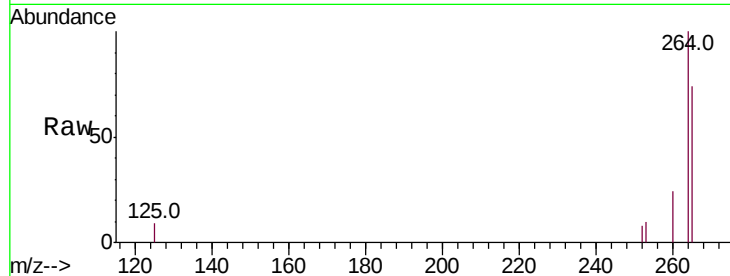




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2561
 Delta R.T. 0.01 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

Instrument :
 BNA_N
 ClientSampleId :
 PB128567BL

Tot Ion:264 Resp: 14839
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 74.3 42.3 63.5#



#38
 Dibenzo(a,h)anthracene
 Concen: 0.020 ng
 RT: 25.50 min Scan# 3193
 Delta R.T. 0.02 min
 Lab File: BN010669.D
 Acq: 30 Apr 2020 12:01

Tgt Ion:278 Resp: 794
 Ion Ratio Lower Upper
 278 100
 139 46.0 12.3 18.5#
 279 106.3 21.9 32.9#

