

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005131.D
 Acq On : 10 Apr 2019 17:06
 Operator : JU/SJ
 Sample : K2345-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-1

Quant Time: Apr 11 08:25:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

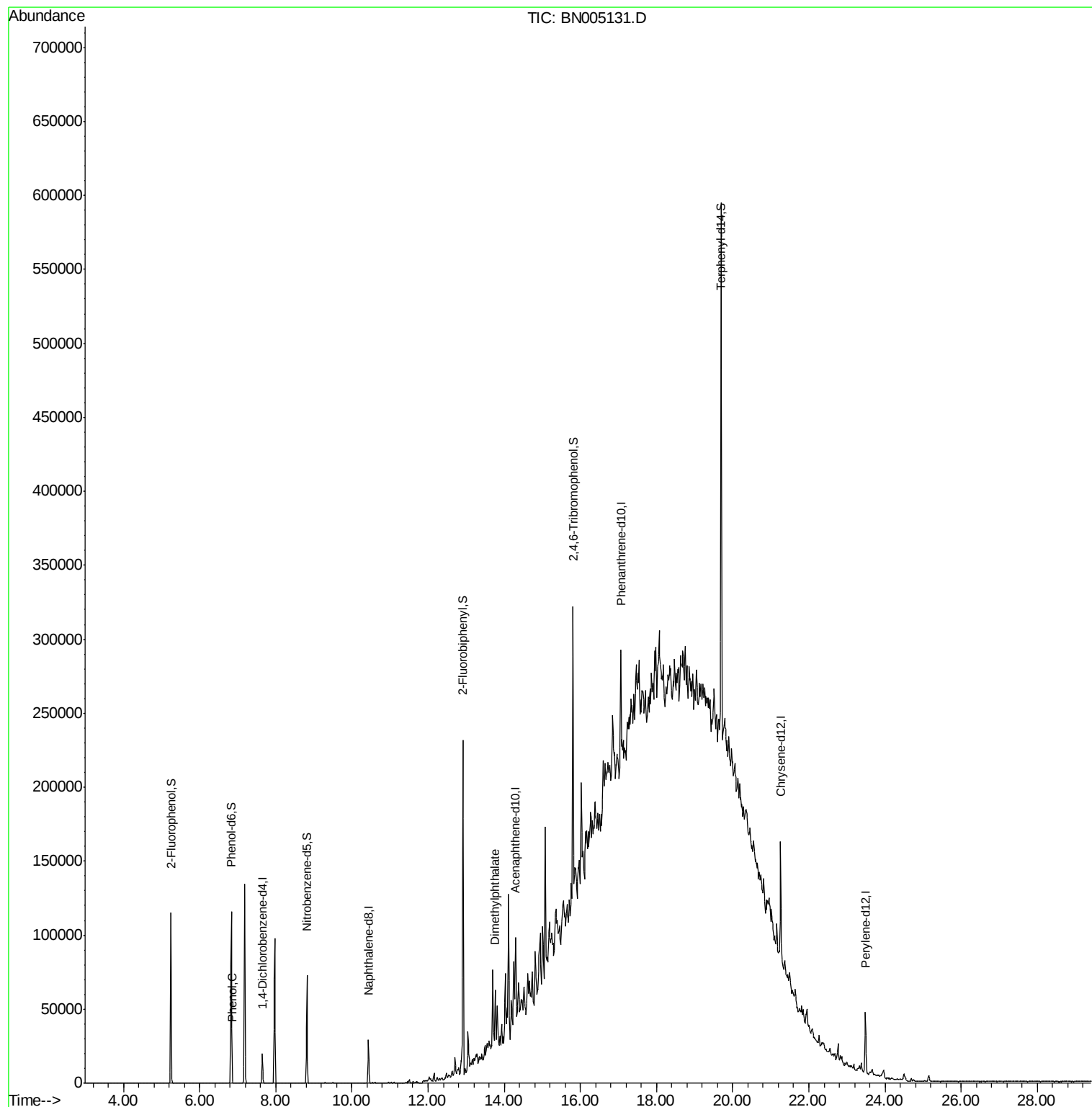
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	6745	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	27228	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	16568	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	34899	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	33316	20.00	ng	-0.02
87) Perylene-d12	23.49	264	32221	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	55942	143.39	ng	-0.02
7) Phenol-d6	6.83	99	74371	143.73	ng	-0.02
23) Nitrobenzene-d5	8.82	82	42139	93.62	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	43992	164.63	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	120359	96.26	ng	-0.02
79) Terphenyl-d14	19.70	244	175971	101.69	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	1236	2.229	ng	Qvalue # 74
50) Dimethylphthalate	13.76	163	11846	8.703	ng	# 98

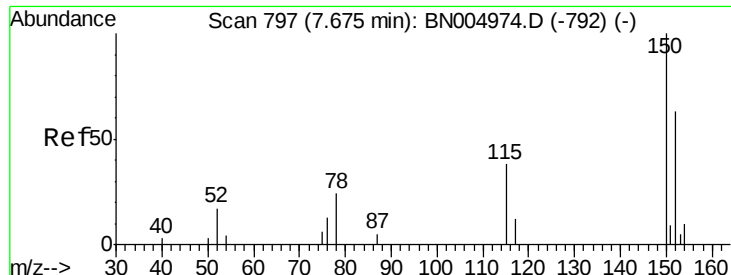
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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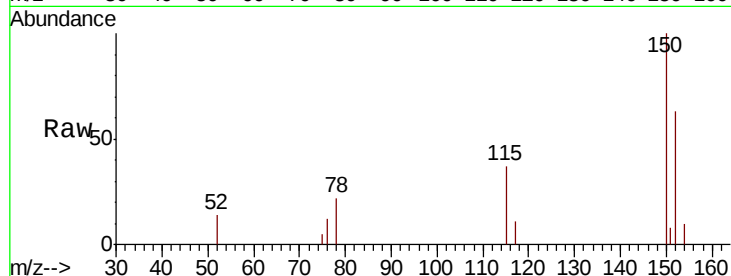


#1

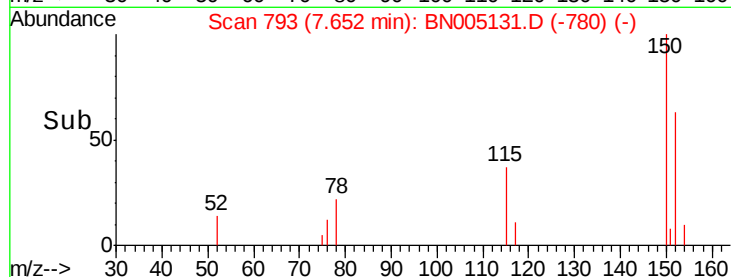
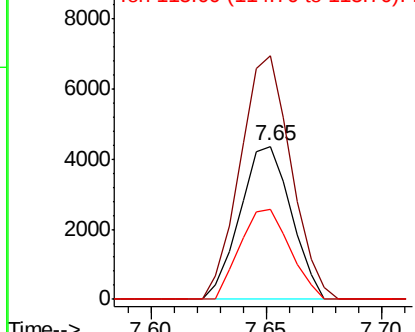
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BN005131.D
Acq: 10 Apr 2019 17:06

Instrument :
BNA_N
ClientSampleId :
TP-1

Tot Ion:152 Resp: 6745
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 58.9 47.8 71.6



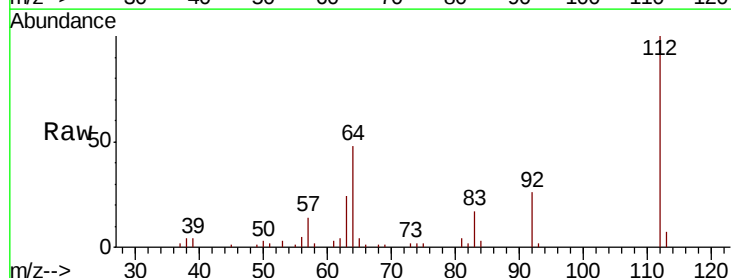
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



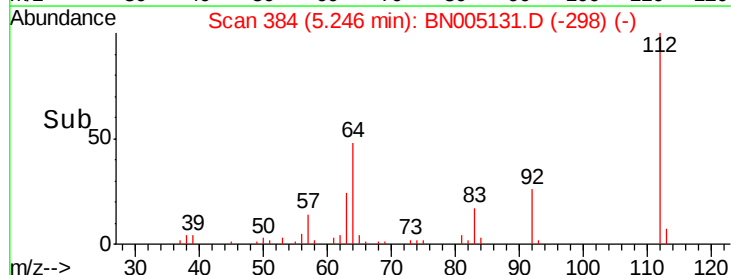
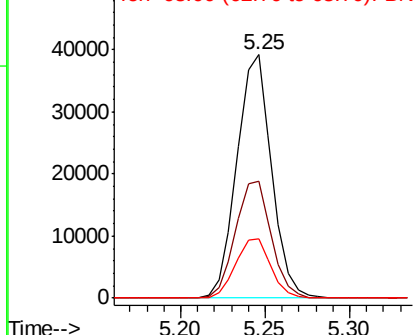
#5

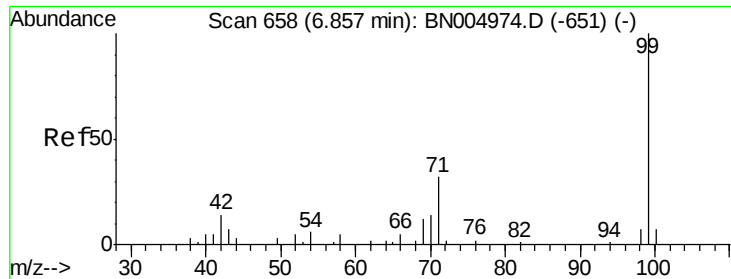
2-Fluorophenol
Concen: 143.392 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BN005131.D
Acq: 10 Apr 2019 17:06

Tgt Ion:112 Resp: 55942
Ion Ratio Lower Upper
112 100
64 48.0 41.9 62.9
63 24.1 21.4 32.0



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





#7

Phenol-d6

Concen: 143.726 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

Instrument :

BNA_N

ClientSampleId :

TP-1

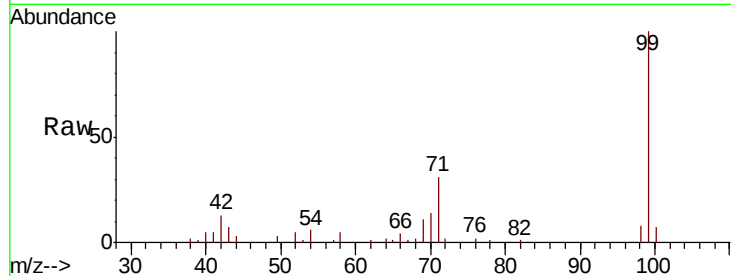
Tot Ion: 99 Resp: 74371

Ion Ratio Lower Upper

99 100

42 12.9 11.4 17.0

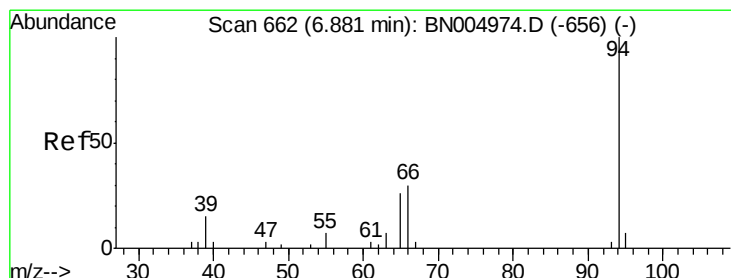
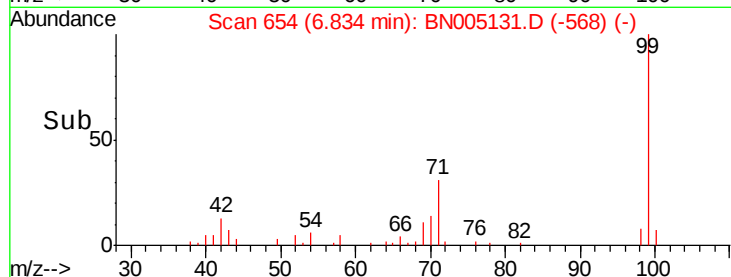
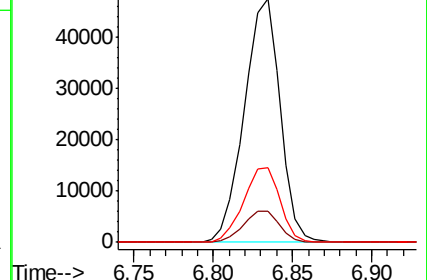
71 30.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#10

Phenol

Concen: 2.229 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

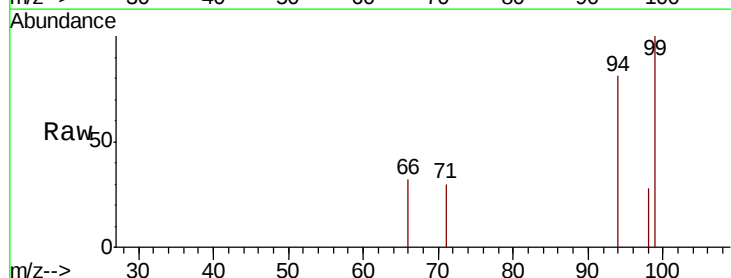
Tgt Ion: 94 Resp: 1236

Ion Ratio Lower Upper

94 100

65 0.0 5.7 45.7#

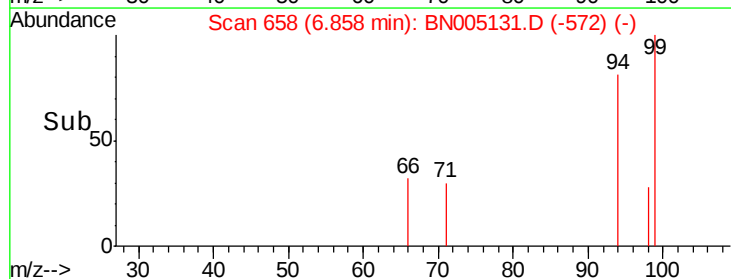
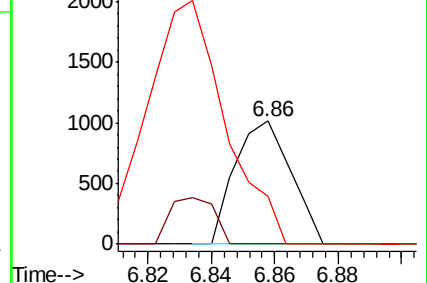
66 38.9 14.8 54.8

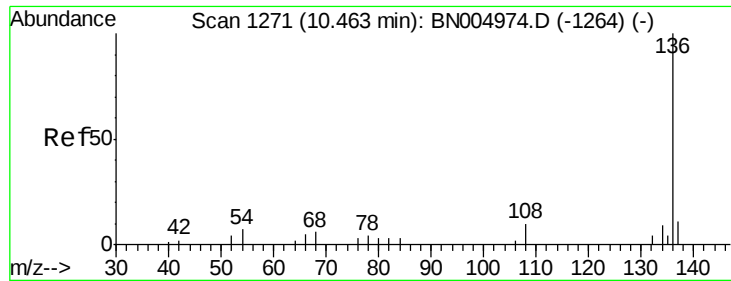


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)

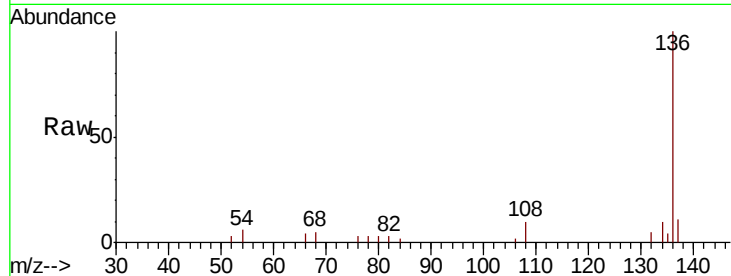




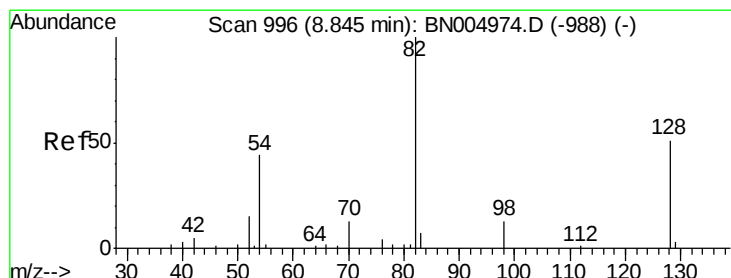
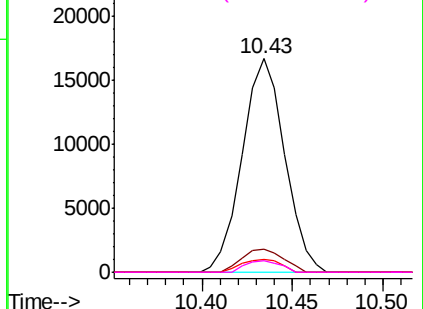
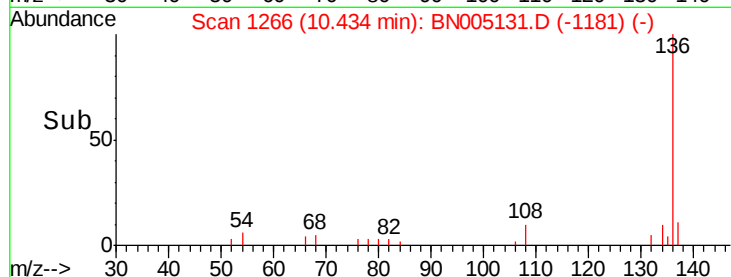
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BN005131.D
Acq: 10 Apr 2019 17:06

Instrument :
BNA_N
ClientSampled :
TP-1

Tot Ion:136	Resp:	27228
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	6.2	5.3 7.9
68	5.4	4.6 6.8

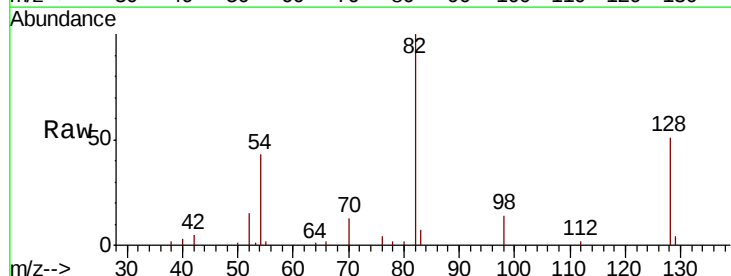


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

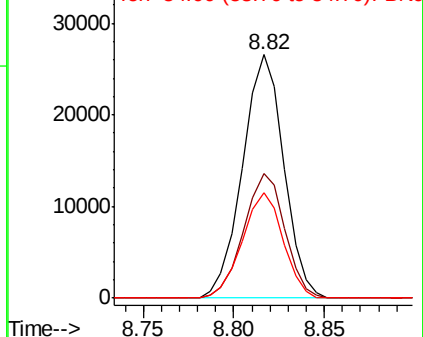
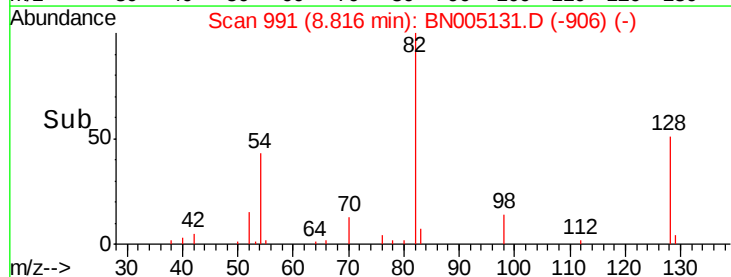


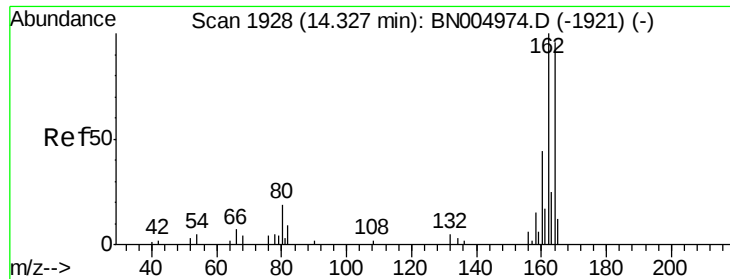
#23
Nitrobenzene-d5
Concen: 93.619 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.03 min
Lab File: BN005131.D
Acq: 10 Apr 2019 17:06

Tgt Ion: 82	Resp:	42139
Ion	Ratio	Lower Upper
82	100	
128	51.2	40.6 60.8
54	43.1	35.2 52.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

Instrument :

BNA_N

ClientSampleId :

TP-1

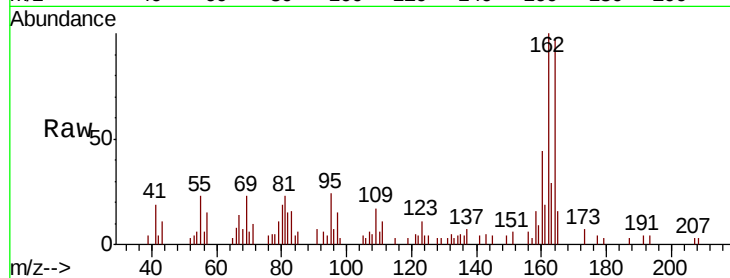
Tot Ion:164 Resp: 16568

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

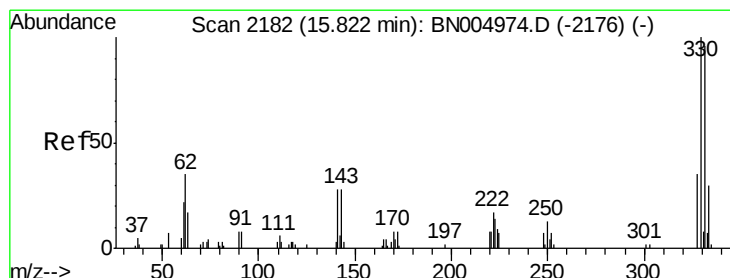
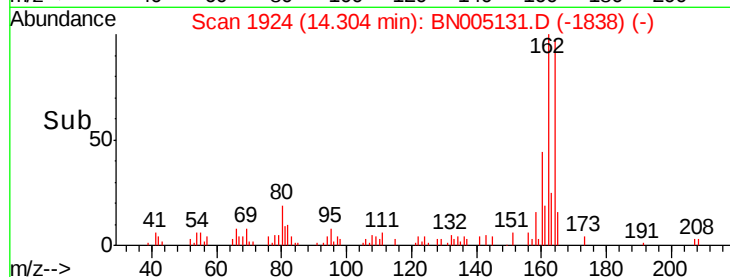
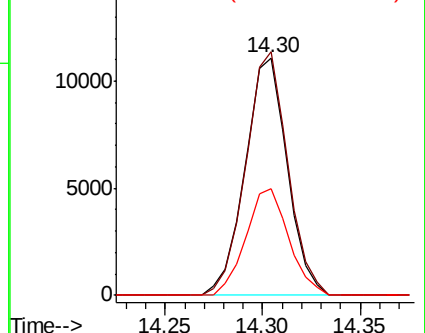
160 45.0 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 164.634 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

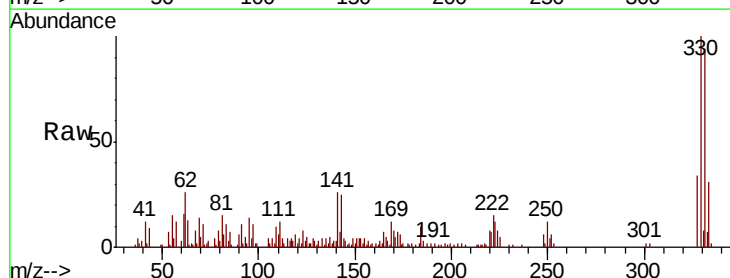
Tgt Ion:330 Resp: 43992

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

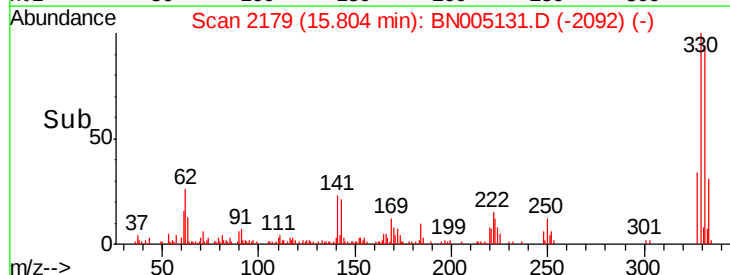
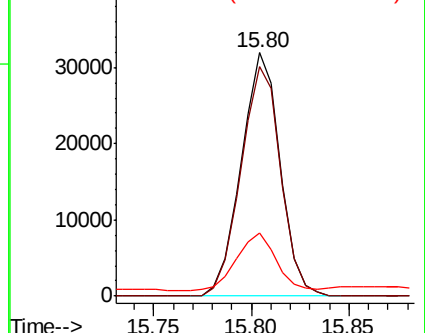
141 23.5 22.1 33.1

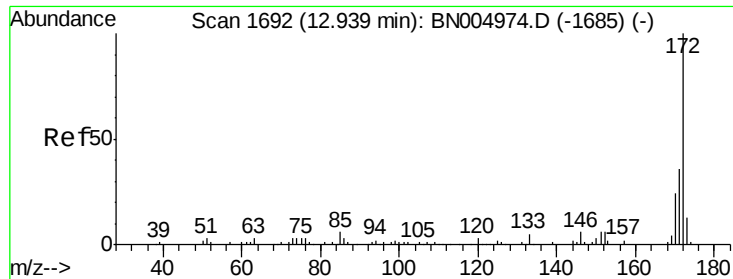


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

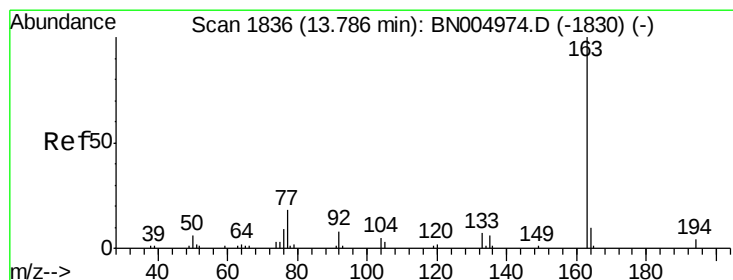
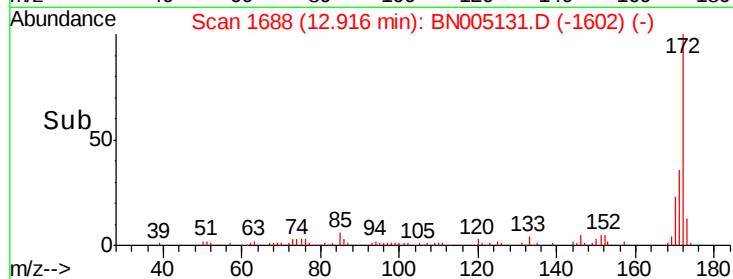
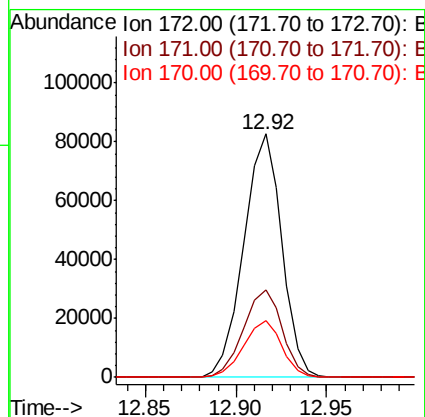
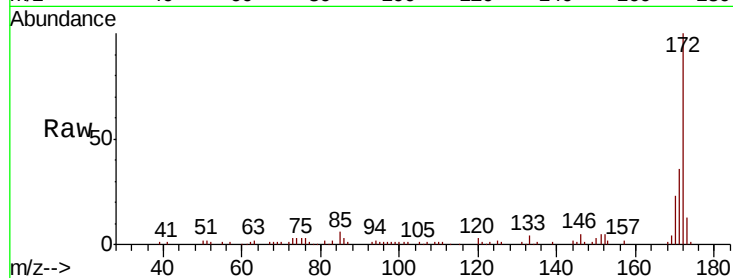




#45
 2-Fluorobiphenyl
 Concen: 96.264 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BN005131.D
 Acq: 10 Apr 2019 17:06

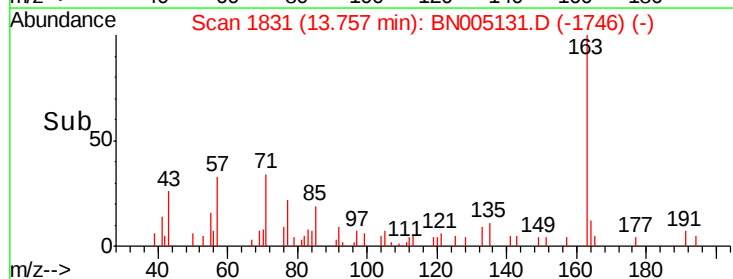
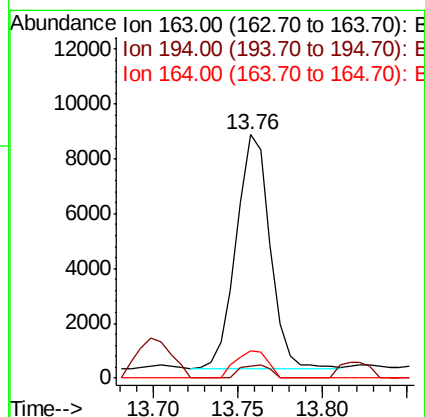
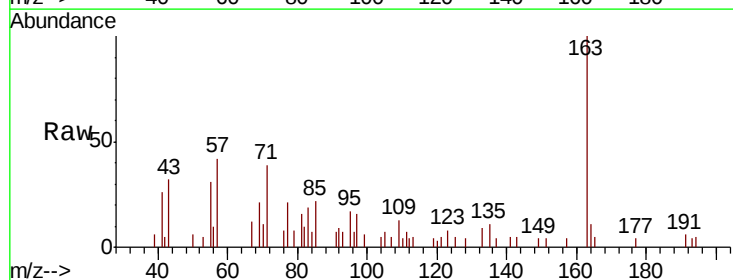
Instrument :
 BNA_N
 ClientSampleId :
 TP-1

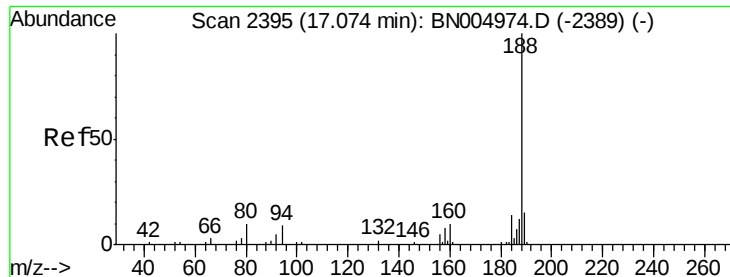
Tot Ion:172 Resp: 120359
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 23.1 18.9 28.3



#50
 Dimethylphthalate
 Concen: 8.703 ng
 RT: 13.76 min Scan# 1831
 Delta R.T. -0.03 min
 Lab File: BN005131.D
 Acq: 10 Apr 2019 17:06

Tgt Ion:163 Resp: 11846
 Ion Ratio Lower Upper
 163 100
 194 5.1 3.4 5.0#
 164 11.1 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

Instrument :

BNA_N

ClientSampleId :

TP-1

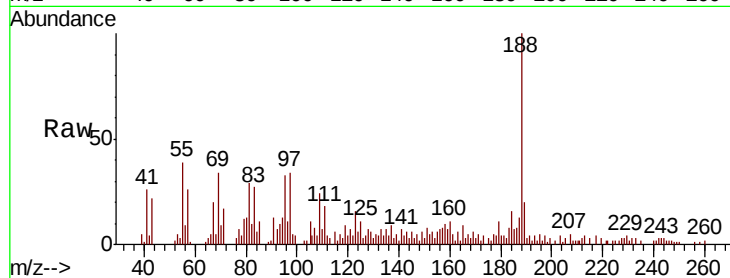
Tot Ion:188 Resp: 34899

Ion Ratio Lower Upper

188 100

94 12.8 7.2 10.8#

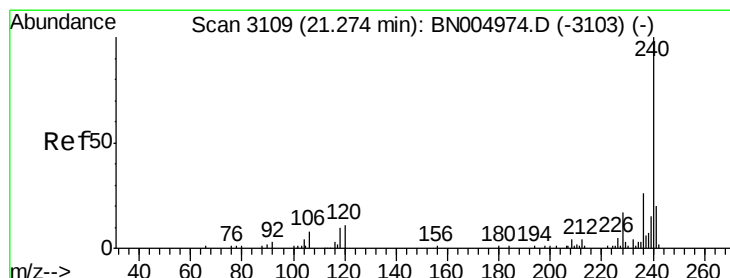
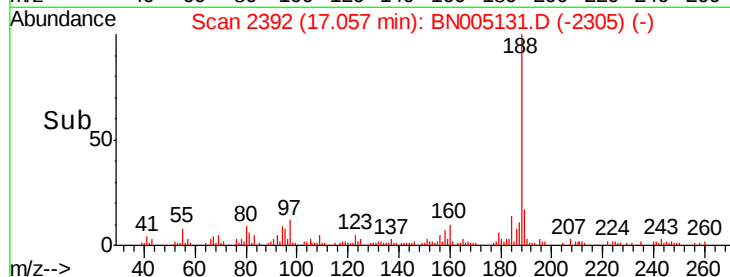
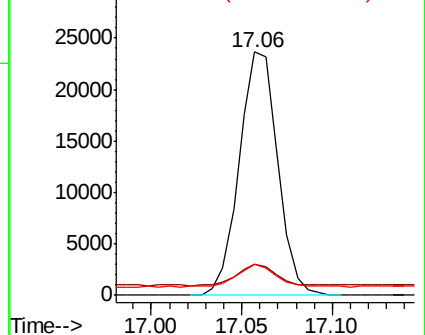
80 12.6 7.8 11.6#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

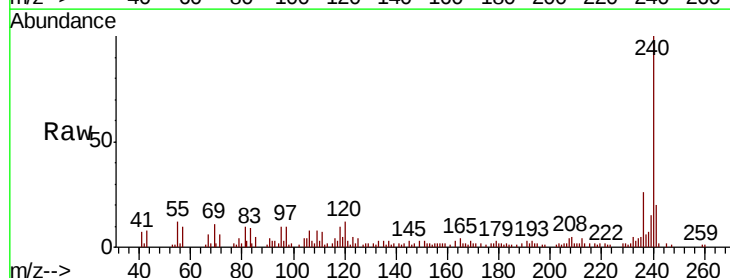
Tgt Ion:240 Resp: 33316

Ion Ratio Lower Upper

240 100

120 11.5 8.5 12.7

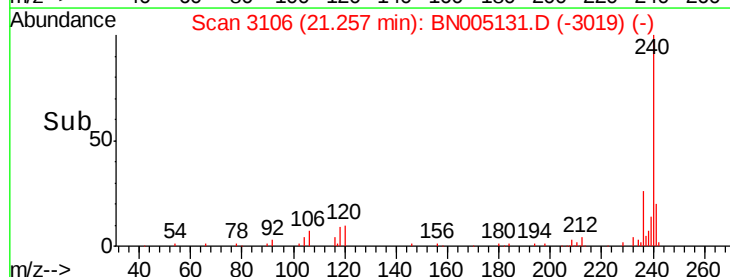
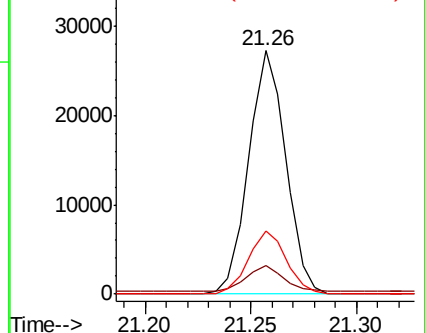
236 25.8 21.2 31.8

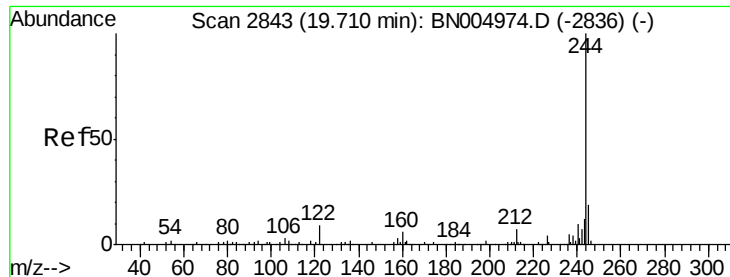


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.689 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

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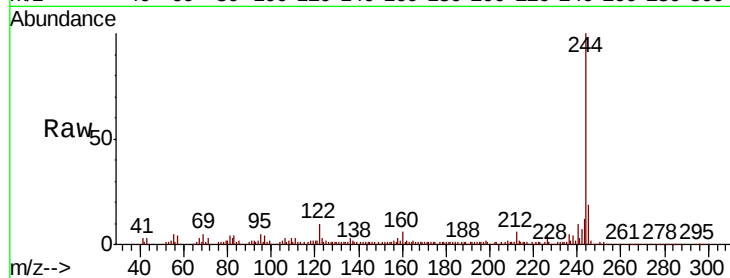
Tot Ion:244 Resp: 175971

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.6 7.4 11.2

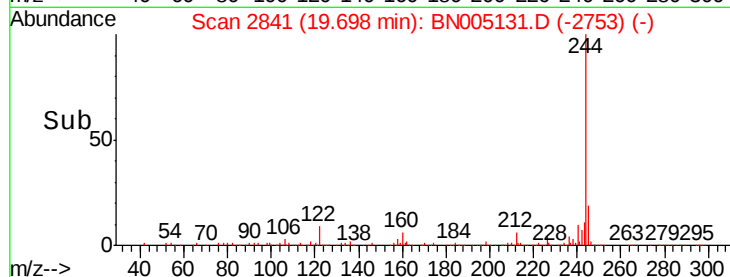


Abundance Ion 244.00 (243.70 to 244.70): E

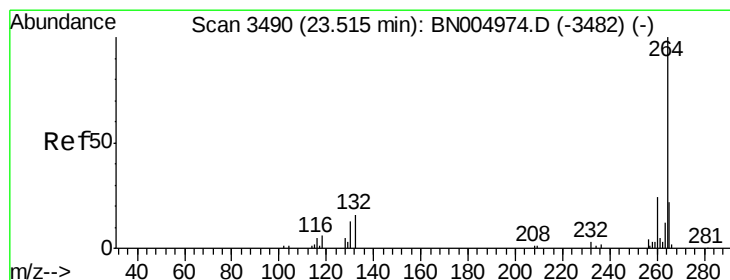
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.70



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005131.D

Acq: 10 Apr 2019 17:06

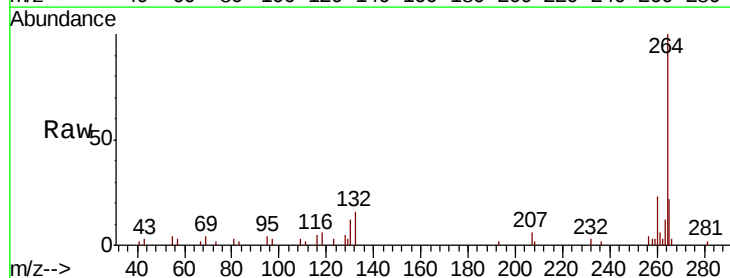
Tgt Ion:264 Resp: 32221

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.9 17.2 25.8

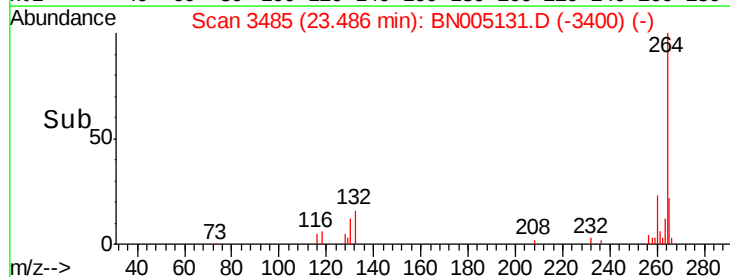


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

23.49



Time-->